

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089325.D
 Acq On : 27 Jul 2016 12:22
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations

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 7/28/2016 4:55:36 PM

Quant Time: Jul 27 13:07:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 11:51:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	43291	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	180838	20.00	ng	0.01
38) Acenaphthene-d10	9.58	164	84595	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	160567	20.00	ng	0.00
75) Chrysene-d12	13.67	240	101159	20.00	ng	0.00
86) Perylene-d12	15.01	264	80897	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	447603	158.06	ng	0.01
7) Phenol-d6	6.22	99	535037	145.56	ng	0.01
23) Nitrobenzene-d5	7.13	82	500206	148.03	ng	0.01
41) 2,4,6-Tribromophenol	10.38	330	116313	152.55	ng	0.01
44) 2-Fluorobiphenyl	8.91	172	823871	135.88	ng	0.00
78) Terphenyl-d14	12.64	244	765626	164.68	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	94376	77.52	ng	99
3) Pyridine	2.56	79	221968	71.68	ng	99
4) n-Nitrosodimethylamine	2.55	42	93654	73.75	ng	97
6) Aniline	6.22	93	315014	65.02	ng	93
8) 2-Chlorophenol	6.33	128	235031	74.12	ng	86
9) Benzaldehyde	6.09	77	141111	73.03	ng	96
10) Phenol	6.23	94	297025	70.58	ng	99
11) bis(2-Chloroethyl)ether	6.30	93	235615	74.17	ng	92
12) 1,3-Dichlorobenzene	6.49	146	247805m	71.16	ng	
13) 1,4-Dichlorobenzene	6.56	146	262340	73.98	ng	97
14) 1,2-Dichlorobenzene	6.72	146	257673	78.29	ng	96
15) Benzyl Alcohol	6.71	79	175275	67.13	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.84	45	272592	74.99	ng	87
17) 2-Methylphenol	6.83	107	180984	73.59	ng	95
18) Hexachloroethane	7.05	117	96835	72.89	ng	96
19) n-Nitroso-di-n-propylamine	6.99	70	171415	72.65	ng	94
20) 3+4-Methylphenols	6.99	107	228923	68.61	ng	88
22) Acetophenone	6.98	105	355126	74.81	ng	99
24) Nitrobenzene	7.15	77	262416	73.89	ng	93
25) Isophorone	7.39	82	488332	78.29	ng	100
26) 2-Nitrophenol	7.46	139	133270	80.29	ng	97
27) 2,4-Dimethylphenol	7.52	122	212963	76.13	ng	97
28) bis(2-Chloroethoxy)methane	7.61	93	281373	73.49	ng	97
29) 2,4-Dichlorophenol	7.71	162	179759	71.15	ng	94
30) 1,2,4-Trichlorobenzene	7.78	180	213264	76.57	ng	97
31) Naphthalene	7.86	128	672141	69.47	ng	100
32) Benzoic acid	7.71	122	143765	69.27	ng	95
33) 4-Chloroaniline	7.92	127	278264	69.70	ng	96
34) Hexachlorobutadiene	7.98	225	111246	71.49	ng	100
35) Caprolactam	8.33	113	55401	71.41	ng	98
36) 4-Chloro-3-methylphenol	8.42	107	231614	76.07	ng	99
37) 2-Methylnaphthalene	8.55	142	446212	73.59	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	242545	77.80	ng	99
40) Hexachlorocyclopentadiene	8.70	237	69048	84.77	ng	98

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Instrument :
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Manual Integrations

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Quant Time: Jul 27 13:07:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 11:51:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	120088	70.43	nq	99
43) 2,4,5-Trichlorophenol	8.88	196	144997	83.08	nq #	91
45) 1,1'-Biphenyl	9.02	154	580241	76.69	nq	97
46) 2-Chloronaphthalene	9.04	162	431234	75.02	nq	93
47) 2-Nitroaniline	9.14	65	137189	70.71	nq #	84
48) Acenaphthylene	9.44	152	632832	69.56	nq	99
49) Dimethylphthalate	9.34	163	521415	81.05	nq	100
50) 2,6-Dinitrotoluene	9.39	165	118370	81.97	nq	89
51) Acenaphthene	9.61	154	370112	69.18	nq	100
52) 3-Nitroaniline	9.56	138	112677	67.13	nq	95
53) 2,4-Dinitrophenol	9.67	184	48071	86.71	nq	93
54) Dibenzofuran	9.78	168	497067	68.97	nq	96
55) 4-Nitrophenol	9.75	139	52481m	54.08	nq	
56) 2,4-Dinitrotoluene	9.79	165	141731	75.64	nq #	84
57) Fluorene	10.12	166	412029	68.18	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	93904	74.69	nq	95
59) Diethylphthalate	10.02	149	486763	75.91	nq	99
60) 4-Chlorophenyl-phenylether	10.12	204	213923	76.58	nq #	90
61) 4-Nitroaniline	10.18	138	112117	67.28	nq	90
62) Azobenzene	10.28	77	525977	75.59	nq	90
64) 4,6-Dinitro-2-methylphenol	10.20	198	81054	87.96	nq	94
65) n-Nitrosodiphenylamine	10.25	169	401246	74.87	nq	99
66) 4-Bromophenyl-phenylether	10.60	248	120204	75.53	nq #	78
67) Hexachlorobenzene	10.67	284	131604	77.89	nq #	77
68) Atrazine	10.79	200	127942	76.62	nq	98
69) Pentachlorophenol	10.87	266	60586	80.07	nq	98
70) Phenanthrene	11.07	178	593937	67.08	nq	99
71) Anthracene	11.13	178	704970	77.54	nq	99
72) Carbazole	11.29	167	580833	73.58	nq	98
73) Di-n-butylphthalate	11.63	149	859704	85.60	nq	99
74) Fluoranthene	12.25	202	617794	66.24	nq	95
76) Benzidine	12.39	184	304568	86.94	nq	96
77) Pyrene	12.48	202	657362	80.44	nq	99
79) Butylbenzylphthalate	13.11	149	291807	82.42	nq	90
80) Benzo(a)anthracene	13.66	228	460408	72.34	nq	100
81) 3,3'-Dichlorobenzidine	13.63	252	163126	78.06	nq #	97
82) Chrysene	13.70	228	496421	82.30	nq	99
83) Bis(2-ethylhexyl)phthalate	13.68	149	443899	93.91	nq #	94
84) Di-n-octyl phthalate	14.29	149	671851	87.10	nq	99
85) Indeno(1,2,3-cd)pyrene	16.22	276	368364	83.74	nq	99
87) Benzo(b)fluoranthene	14.65	252	467271m	84.09	nq	
88) Benzo(k)fluoranthene	14.69	252	283842m	64.20	nq	
89) Benzo(a)pyrene	14.96	252	354664	77.96	nq #	95
90) Dibenzo(a,h)anthracene	16.22	278	303631	84.66	nq	99
91) Benzo(g,h,i)perylene	16.57	276	304831	84.40	nq	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

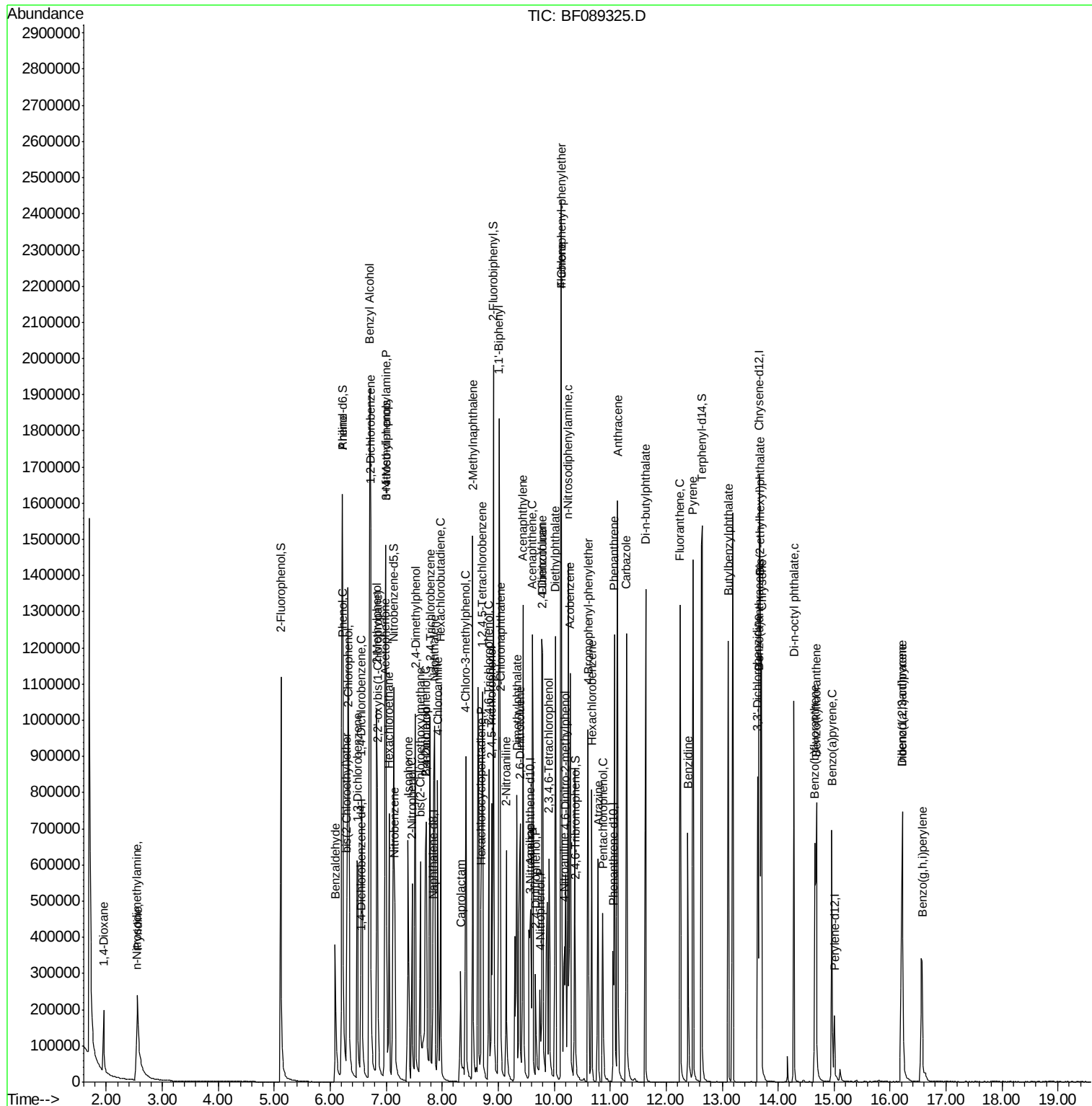
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\  
Data File : BF089325.D  
Acq On    : 27 Jul 2016   12:22  
Operator  : UM/SJ  
Sample    : SSTDICC080  
Misc      :  
ALS Vial  : 9      Sample Multiplier: 1
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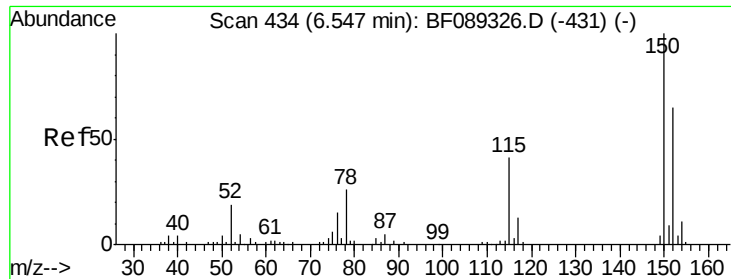
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations

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#1

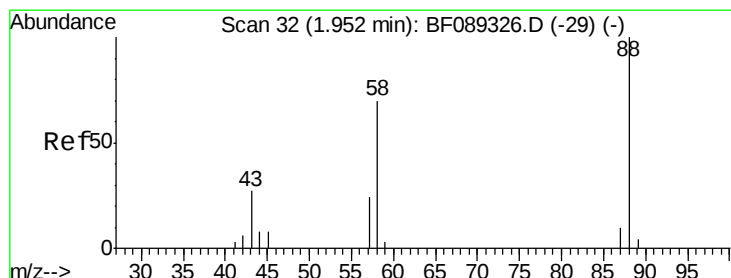
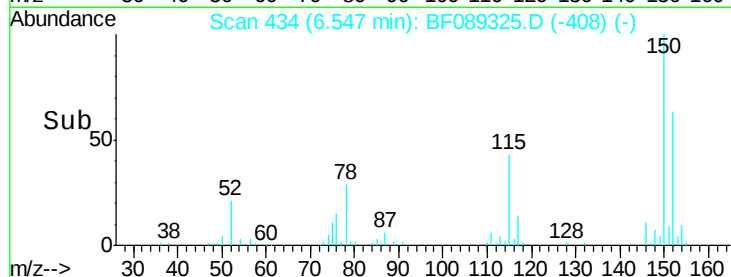
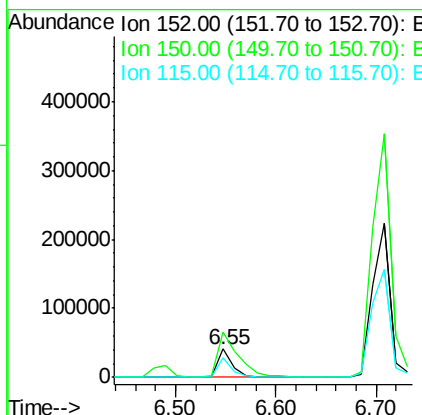
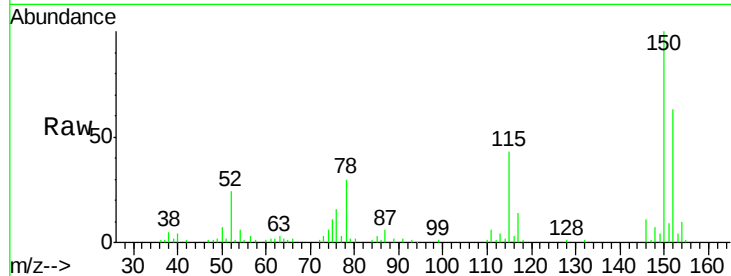
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	129.5	194.3
115	69.5	51.4	77.2

Manual Integrations

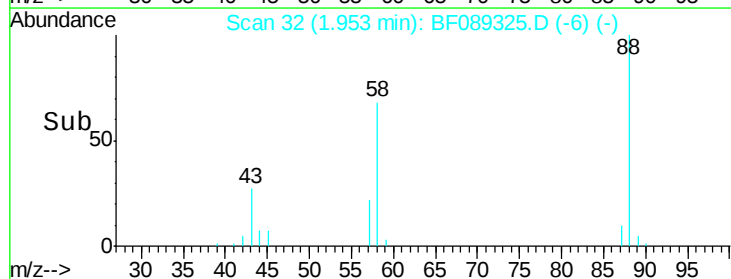
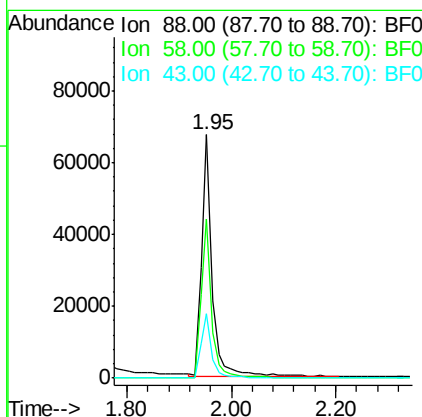
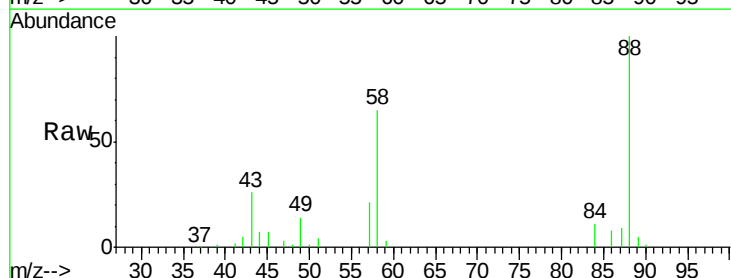
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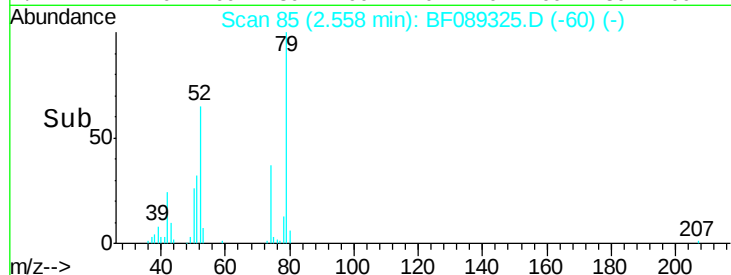
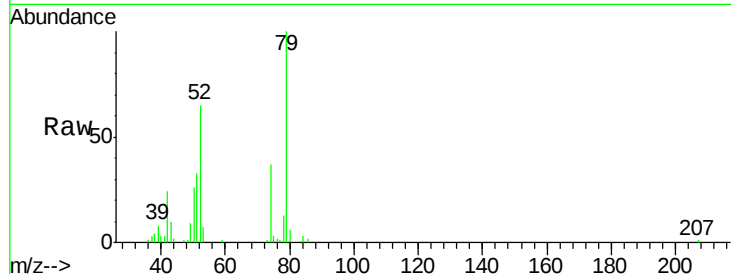
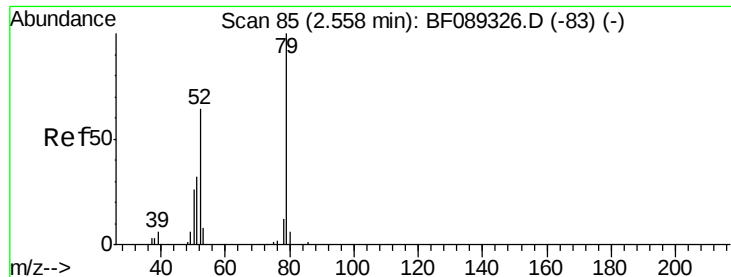


#2

1,4-Dioxane
Concen: 77.52 ng
RT: 1.95 min Scan# 32
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.8	53.2	79.8
43	26.3	20.6	31.0





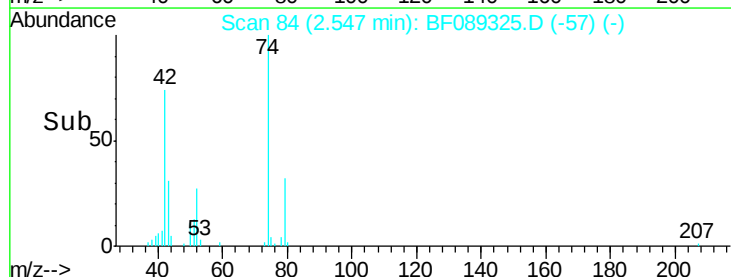
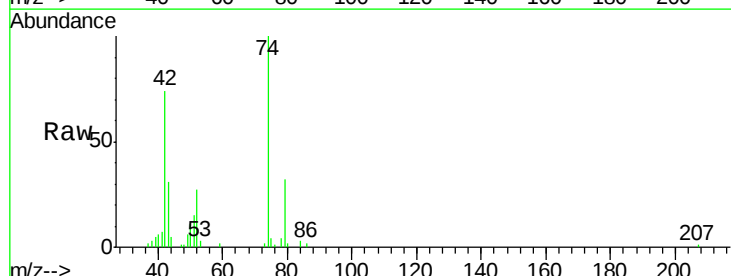
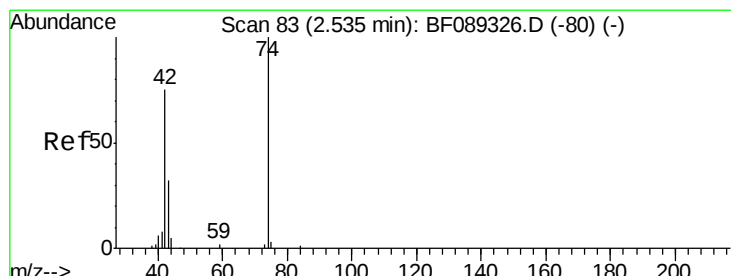
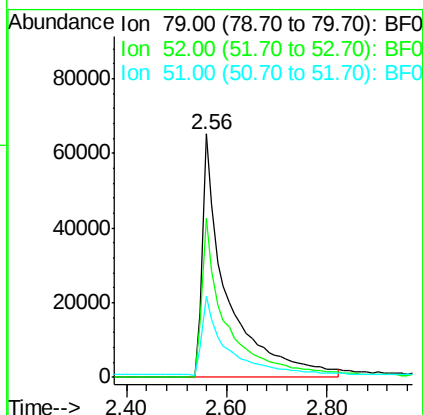
#3
 Pvridine
 Concen: 71.68 ng
 RT: 2.56 min Scan# 85
 Delta R.T. -0.01 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Tot Ion:	79	Resp:	221968
Ion	Ratio	Lower	Upper
79	100		
52	65.2	51.9	77.9
51	33.5	28.2	42.4

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

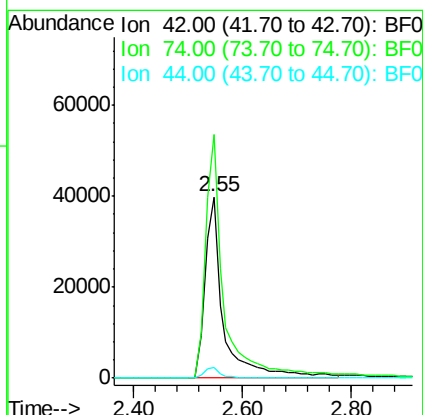
Manual Integrations

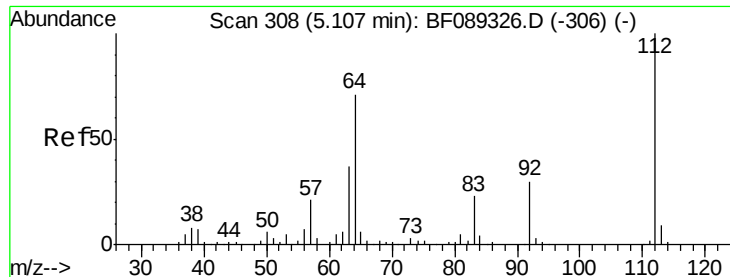
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#4
 n-Nitrosodimethylamine
 Concen: 73.75 ng
 RT: 2.55 min Scan# 84
 Delta R.T. 0.01 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Tgt Ion:	42	Resp:	93654
Ion	Ratio	Lower	Upper
42	100		
74	134.4	110.8	166.2
44	6.2	5.2	7.8





#5

2-Fluorophenol

Concen: 158.06 ng

RT: 5.12 min Scan# 309

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

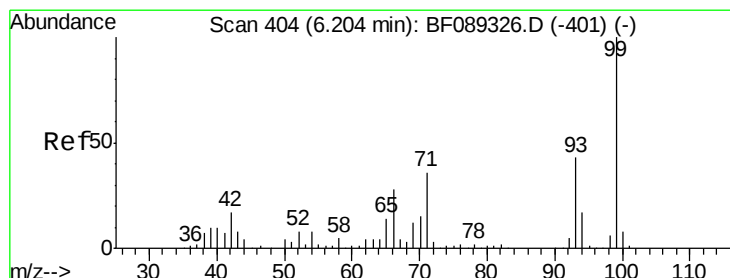
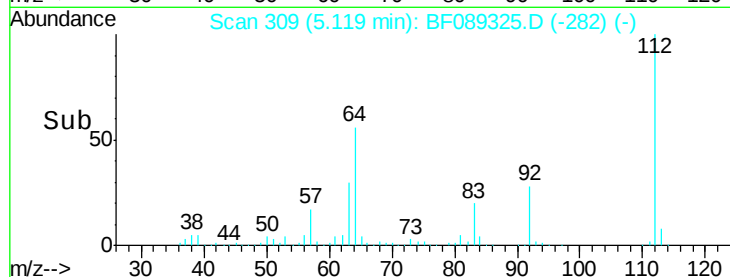
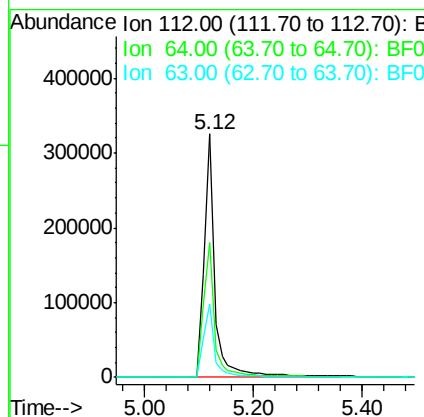
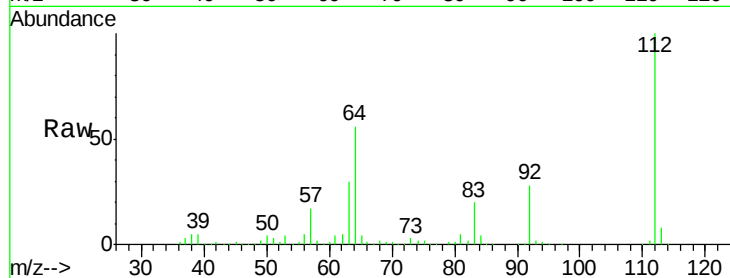
SSTDIC080

Tot Ion:	112	Resp:	447603
Ion Ratio	Lower	Upper	
112	100		
64	55.5	55.0	82.6
63	30.2	29.4	44.2

Manual Integrations

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#6

Aniline

Concen: 65.02 ng

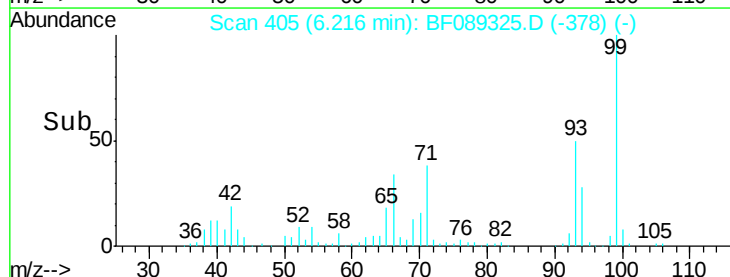
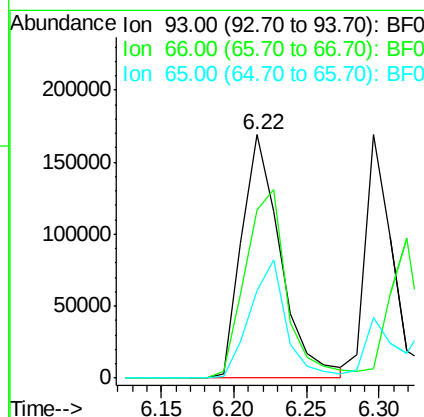
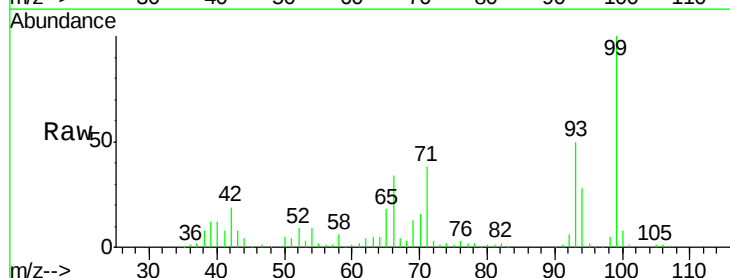
RT: 6.22 min Scan# 405

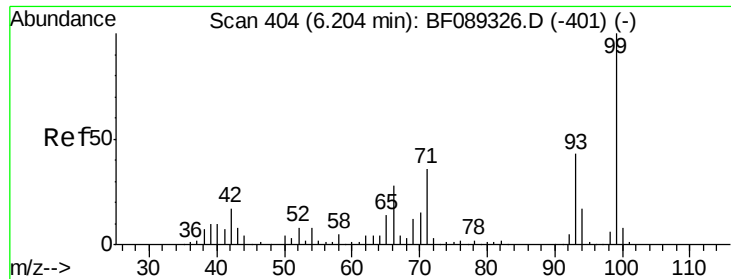
Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Tgt Ion:	93	Resp:	315014
Ion Ratio	Lower	Upper	
93	100		
66	69.0	51.6	77.4
65	35.7	24.7	37.1





#7

Phenol-d6

Concen: 145.56 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 99 Resp: 535037

Ion Ratio Lower Upper

99 100

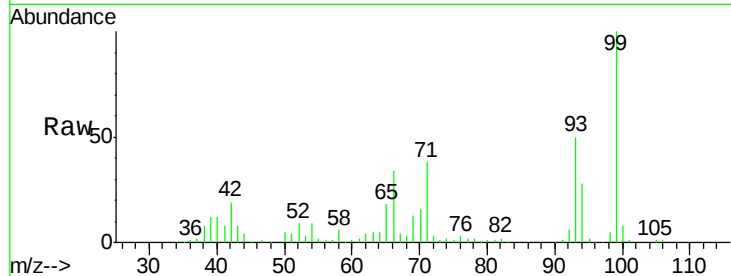
42 18.5 13.6 20.4

71 37.8 29.4 44.2

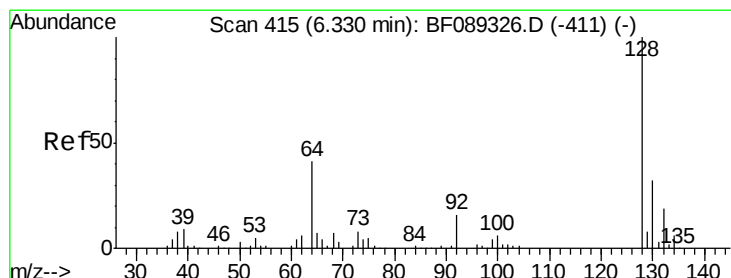
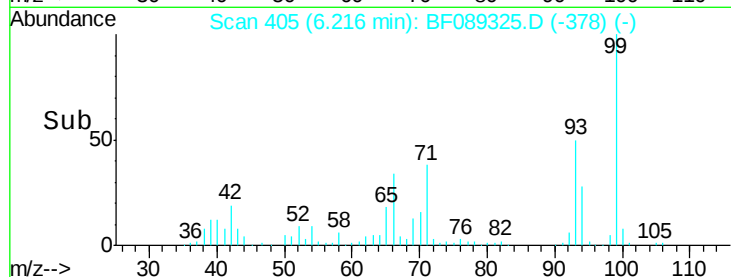
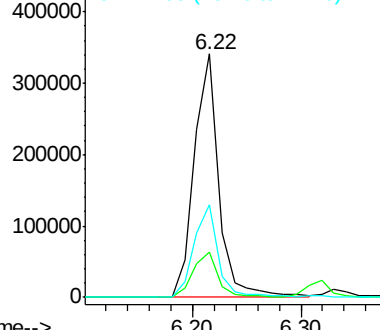
Manual Integrations

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 74.12 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

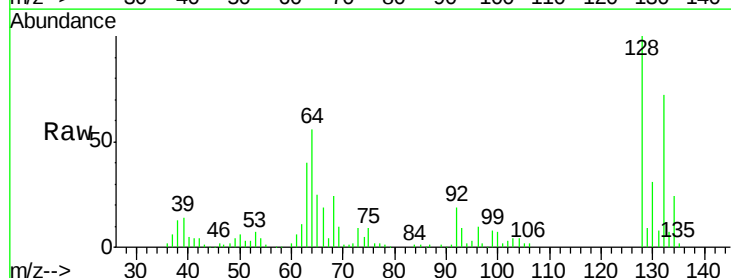
Tgt Ion:128 Resp: 235031

Ion Ratio Lower Upper

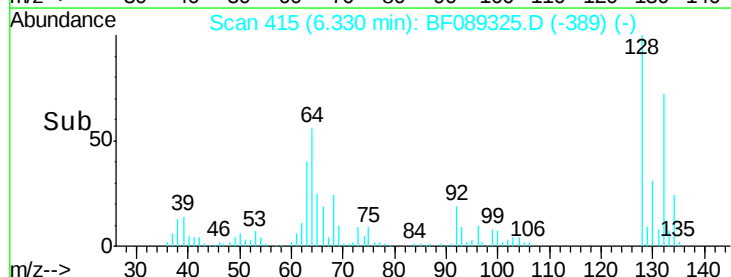
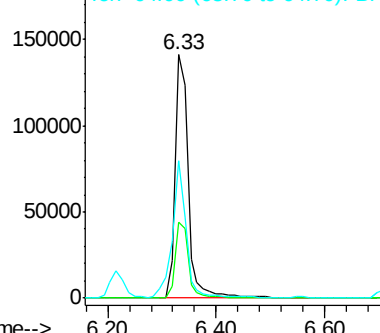
128 100

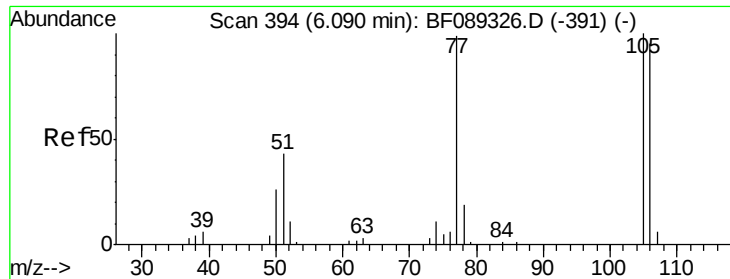
130 31.4 12.6 52.6

64 56.3 22.1 62.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 73.03 ng

RT: 6.09 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleID :

SSTDIC080

Tot Ion: 77 Resp: 141111

Ion Ratio Lower Upper

77 100

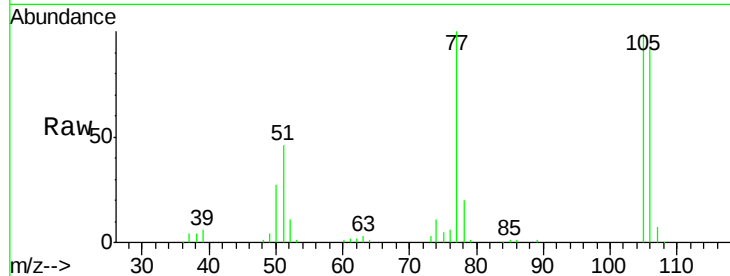
105 99.2 82.9 122.9

106 92.4 75.9 115.9

Manual Integrations

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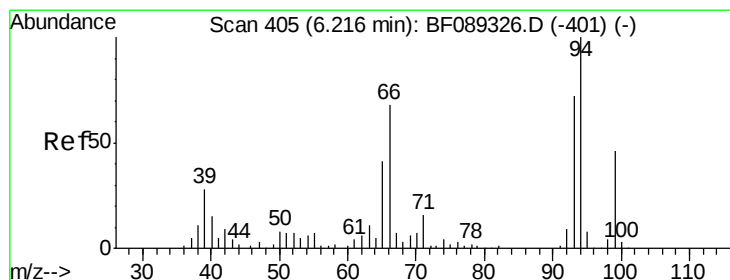
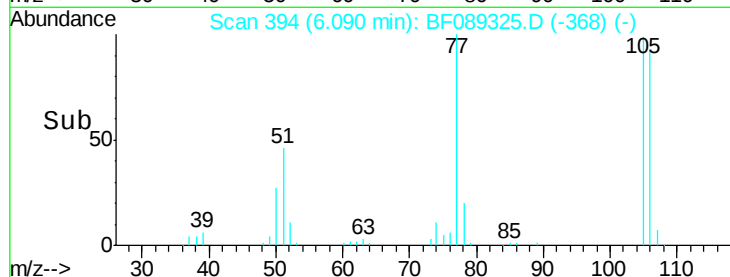
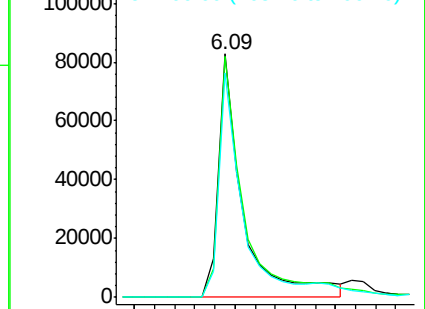
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 70.58 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

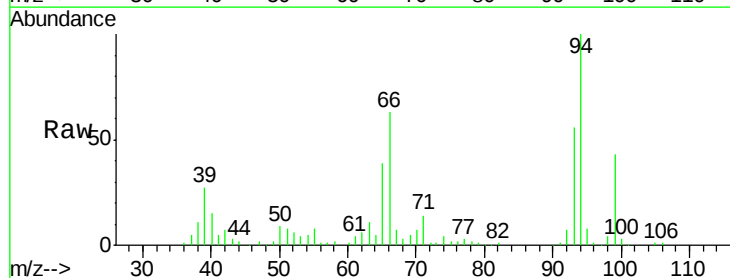
Tgt Ion: 94 Resp: 297025

Ion Ratio Lower Upper

94 100

65 39.3 19.1 59.1

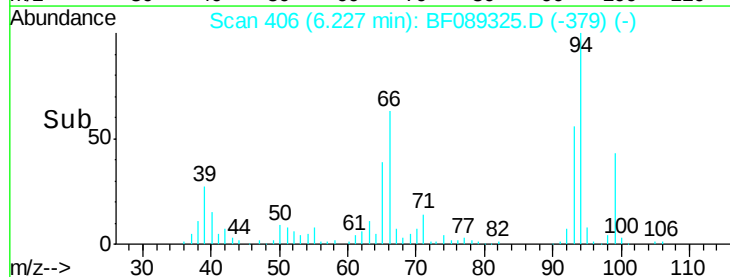
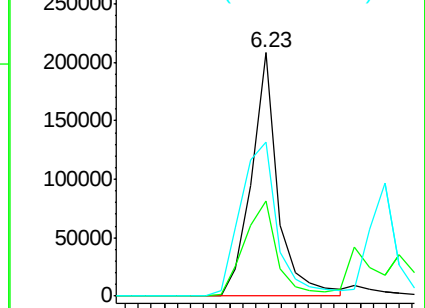
66 63.0 44.4 84.4

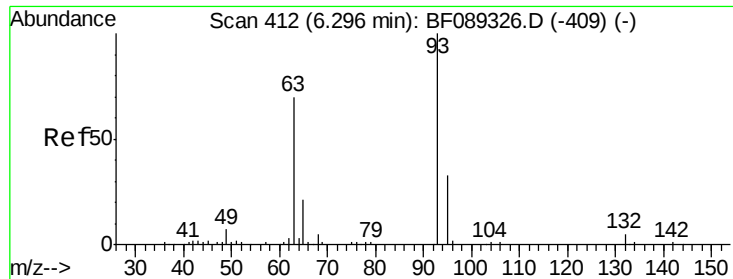


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 74.17 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 93 Resp: 235615

Ion Ratio Lower Upper

93 100

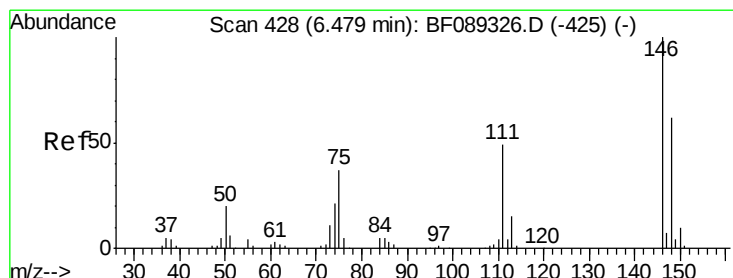
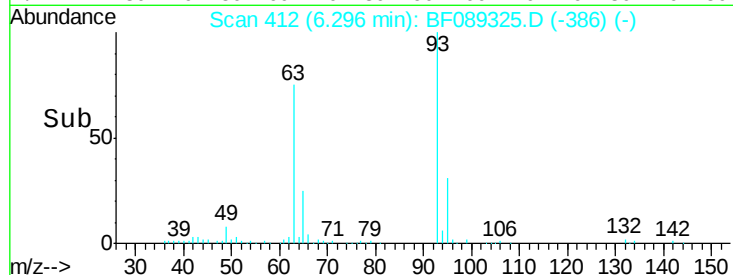
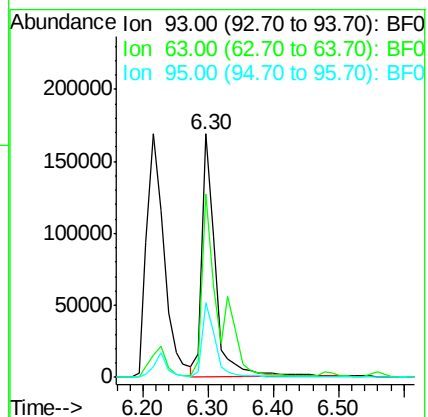
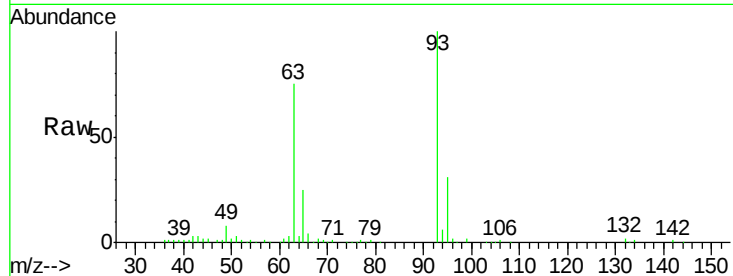
63 75.2 45.6 85.6

95 30.8 11.1 51.1

Manual Integrations

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#12

1,3-Dichlorobenzene

Concen: 71.16 ng m

RT: 6.49 min Scan# 429

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

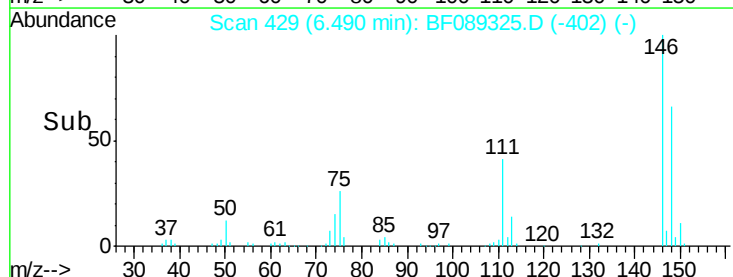
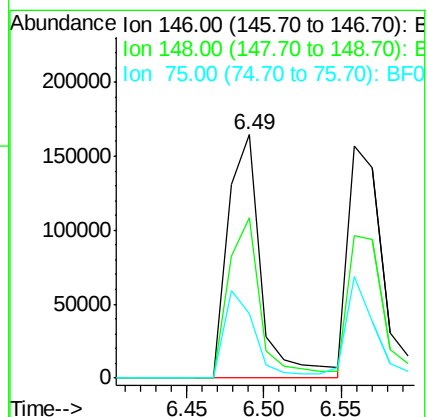
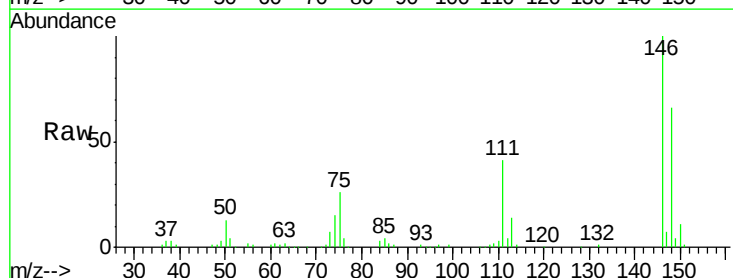
Tgt Ion: 146 Resp: 247805

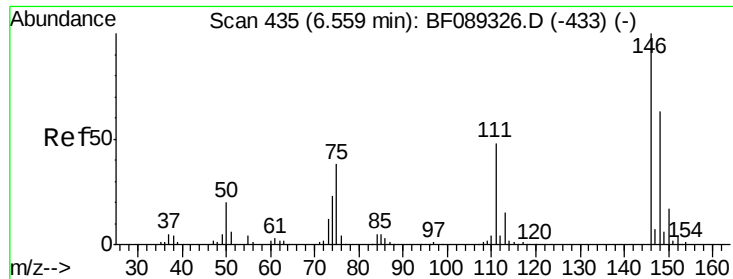
Ion Ratio Lower Upper

146 100

148 66.1 50.5 75.7

75 26.3 30.0 45.0#





#13

1,4-Dichlorobenzene

Concen: 73.98 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:146 Resp: 262340

Ion Ratio Lower Upper

146 100

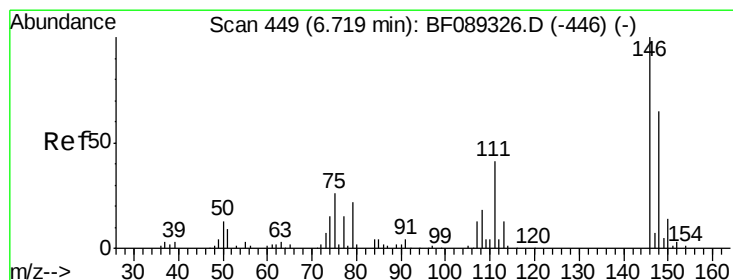
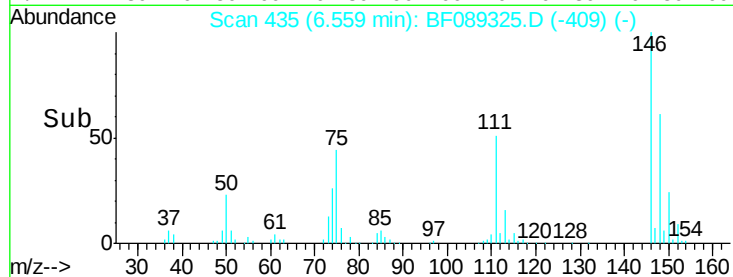
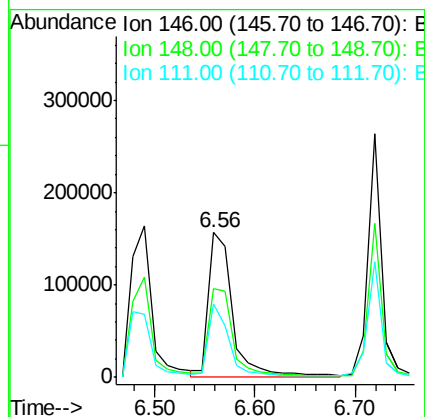
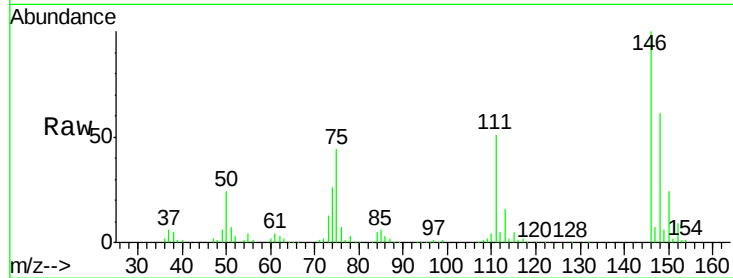
148 61.4 50.8 76.2

111 51.2 38.6 57.8

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 78.29 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

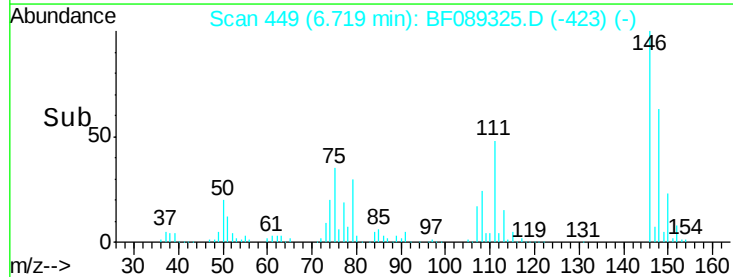
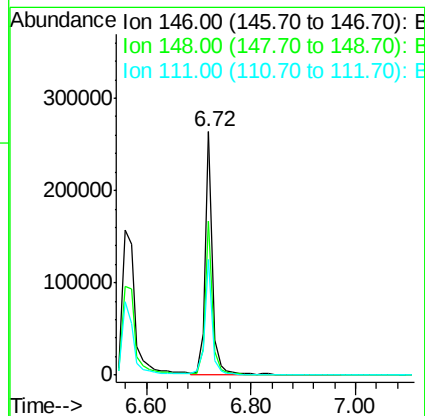
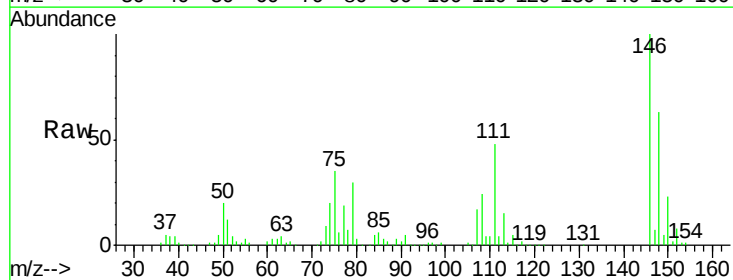
Tgt Ion:146 Resp: 257673

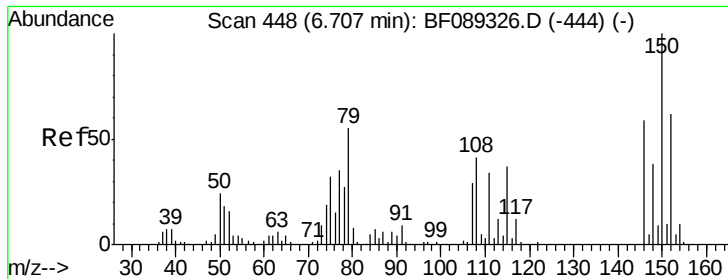
Ion Ratio Lower Upper

146 100

148 63.2 50.4 75.6

111 47.7 33.0 49.4





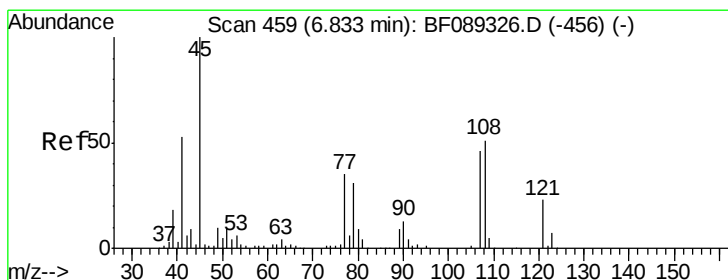
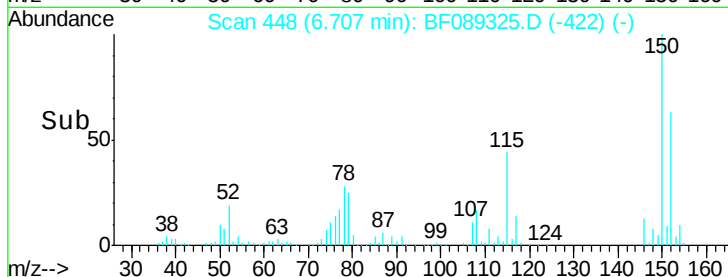
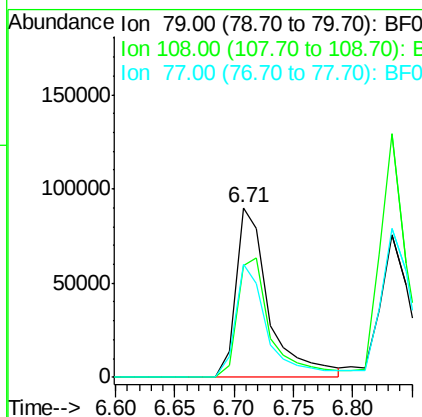
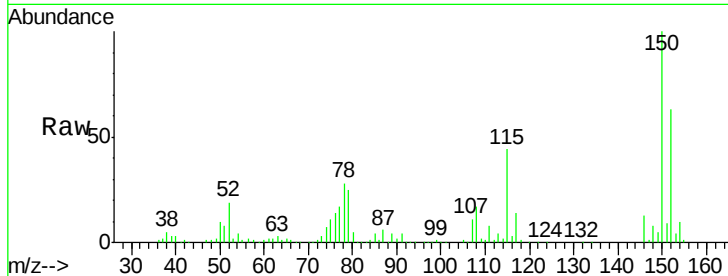
#15
Benzyl Alcohol
Concen: 67.13 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
79	100		
108	65.7	59.8	89.6
77	66.5	51.7	77.5

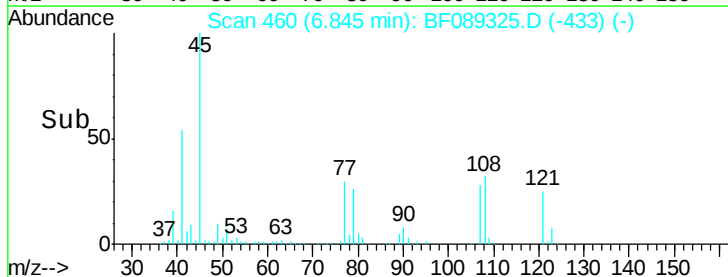
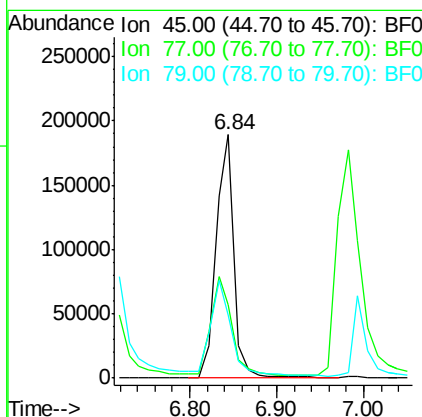
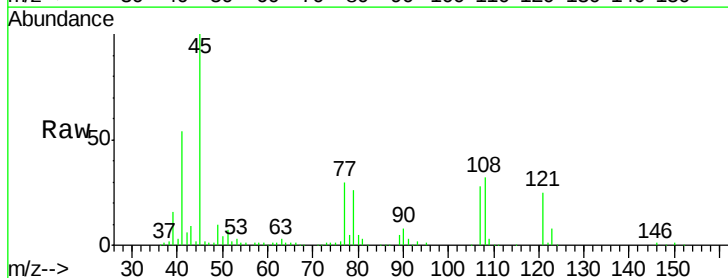
Manual Integrations

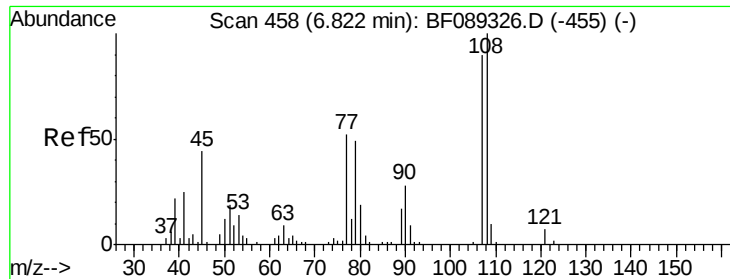
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 74.99 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.0	17.3	57.3
79	26.1	13.9	53.9





#17

2-Methylphenol

Concen: 73.59 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampled :

SSTDIC080

Tot Ion:107 Resp: 180984

Ion Ratio Lower Upper

107 100

108 112.5 91.4 137.0

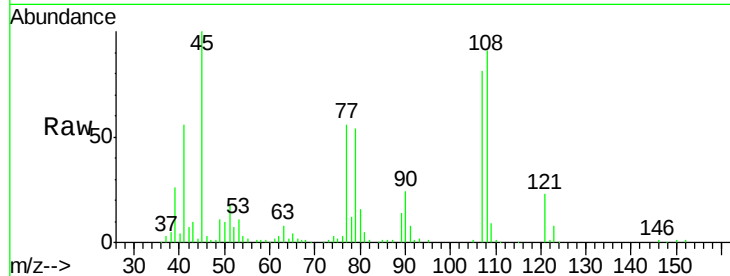
77 69.0 48.6 73.0

79 65.9 48.2 72.4

Manual Integrations

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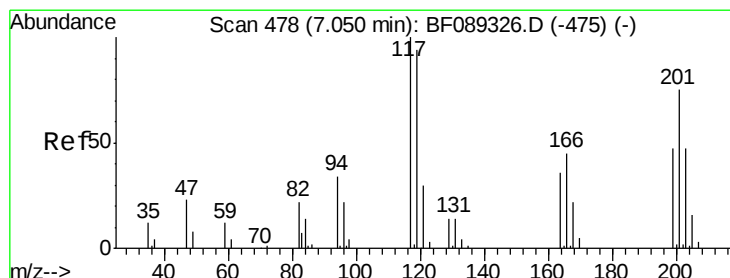
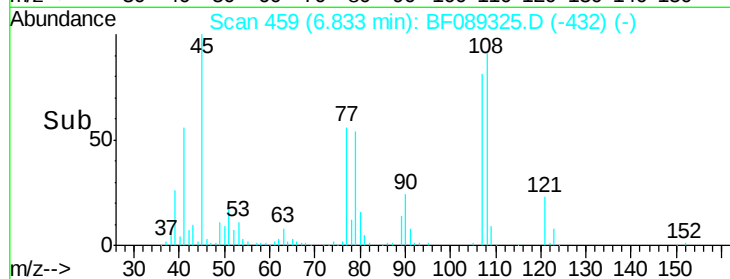
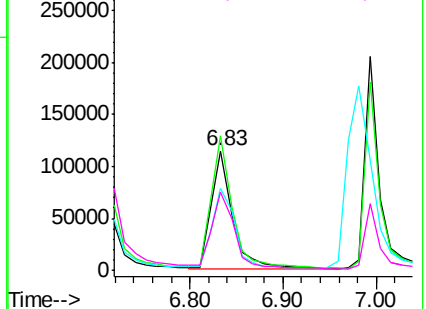


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 72.89 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

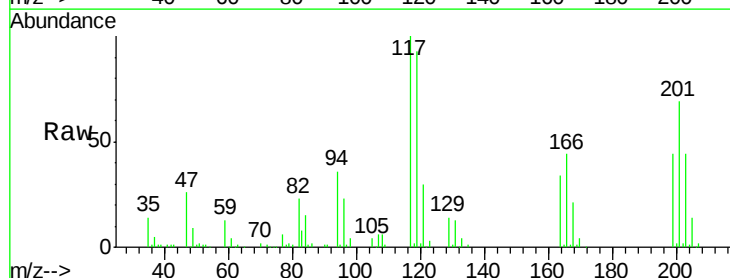
Tgt Ion:117 Resp: 96835

Ion Ratio Lower Upper

117 100

119 93.1 76.0 114.0

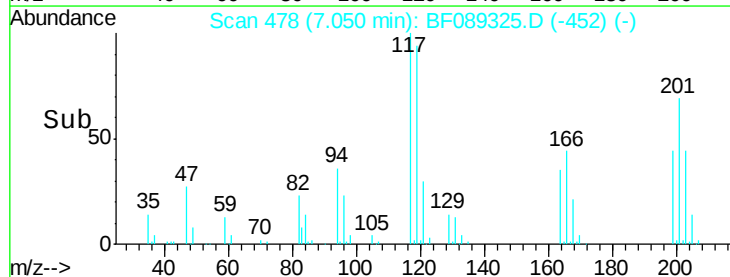
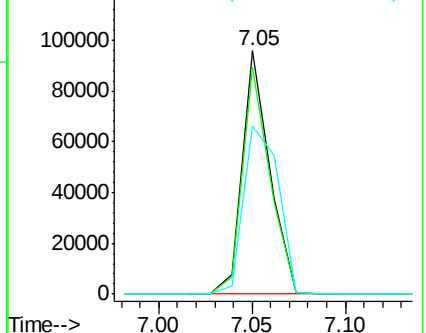
201 69.0 60.0 90.0

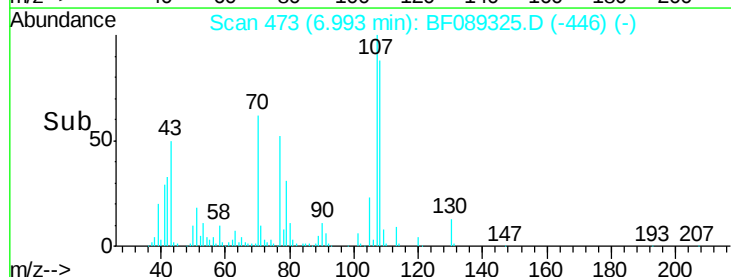
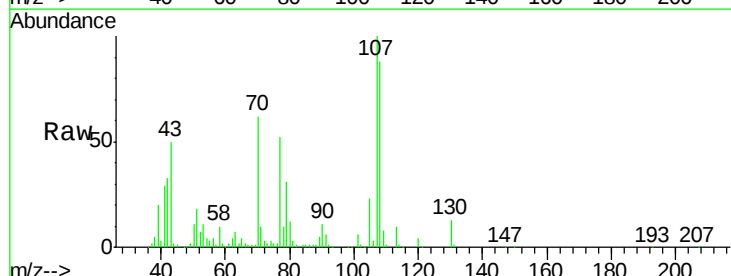
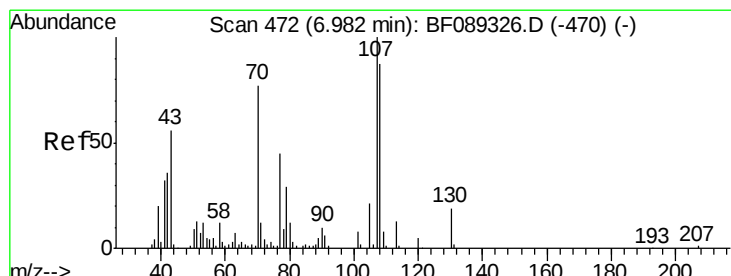
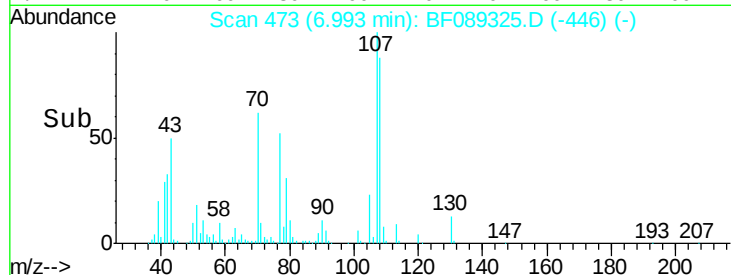
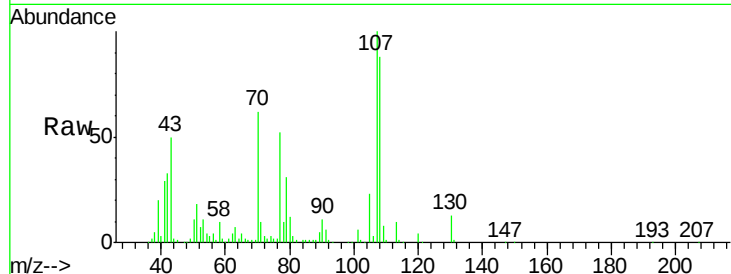
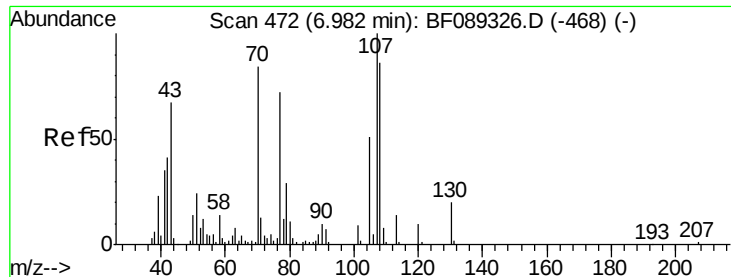


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

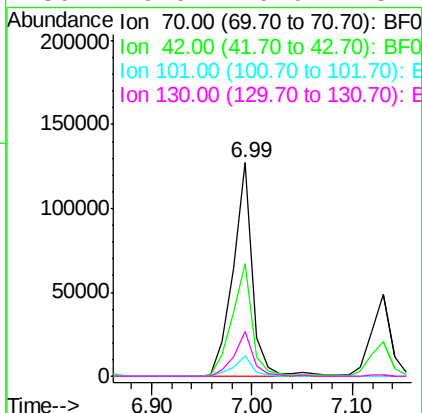




#19
n-Nitroso-di-n-propylamine
Concen: 72.65 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.0	38.6	57.8	
101	9.7	8.3	12.5	
130	20.9	19.0	28.4	

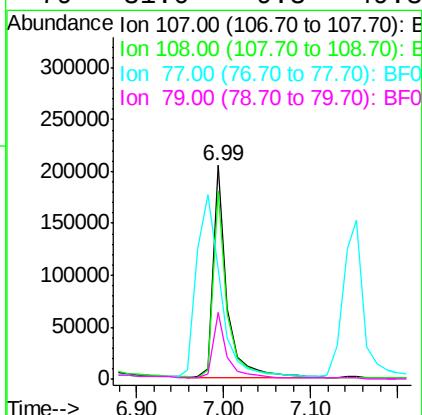


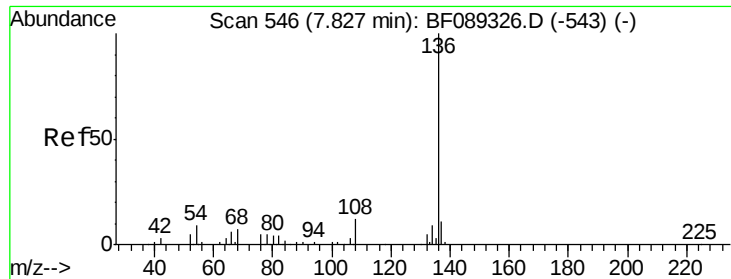
Manual Integrations

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#20
3+4-Methylphenols
Concen: 68.61 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.0	63.3	103.3	
77	51.8	51.1	91.1	
79	31.0	9.3	49.3	





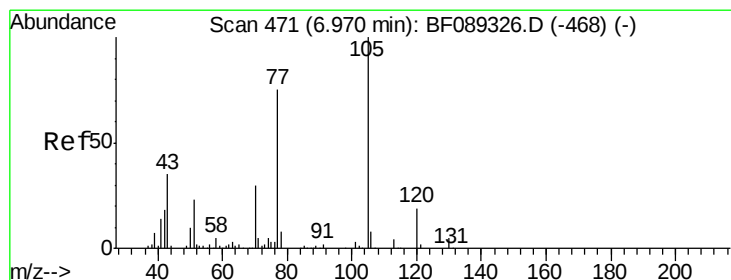
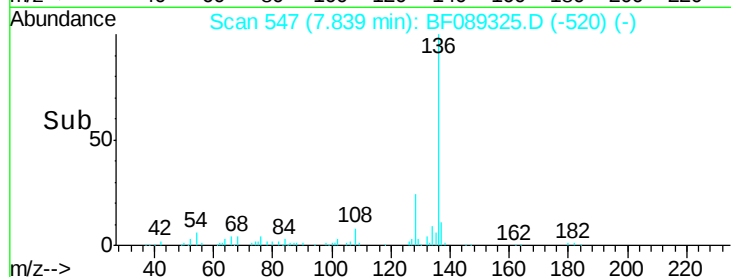
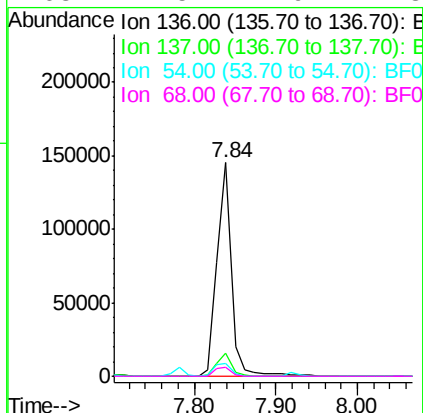
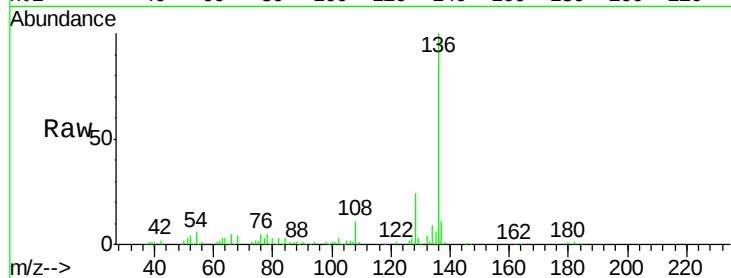
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		180838		
137	10.6		8.6	13.0	
54	6.1		7.0	10.4	
68	4.5		4.9	7.3	

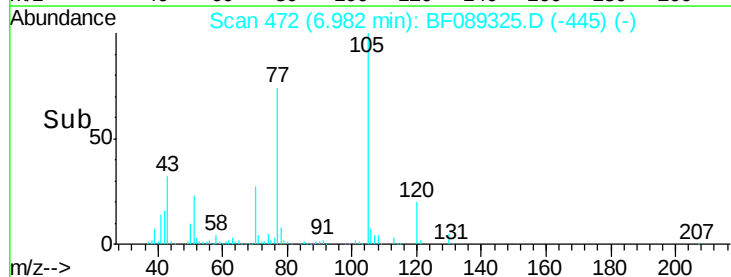
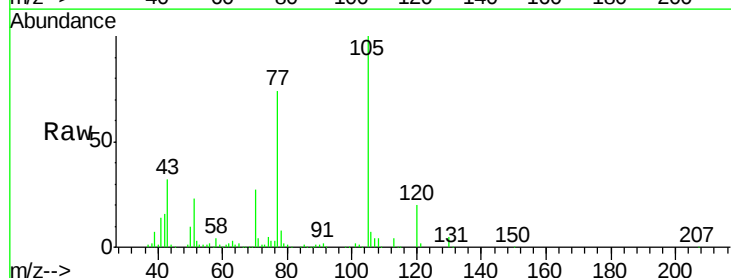
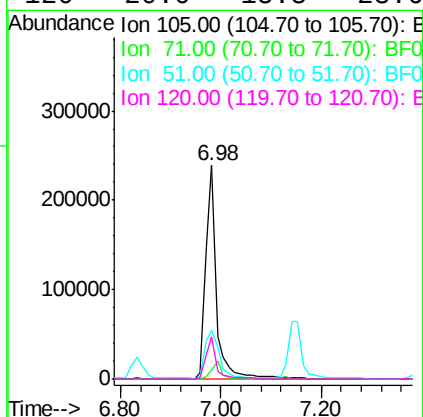
Manual Integrations

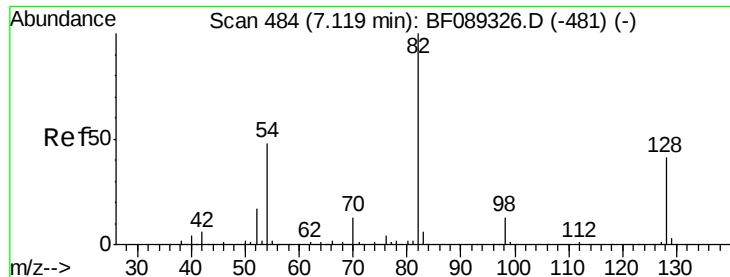
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#22
Acetophenone
Concen: 74.81 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		355126		
71	4.5		4.2	6.2	
51	22.8		18.7	28.1	
120	20.0		15.8	23.6	





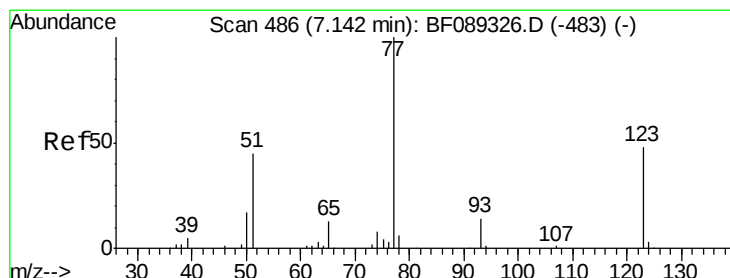
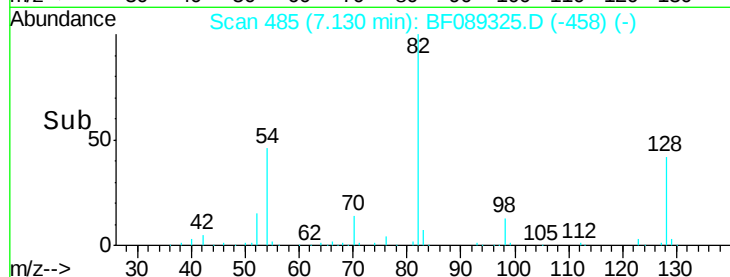
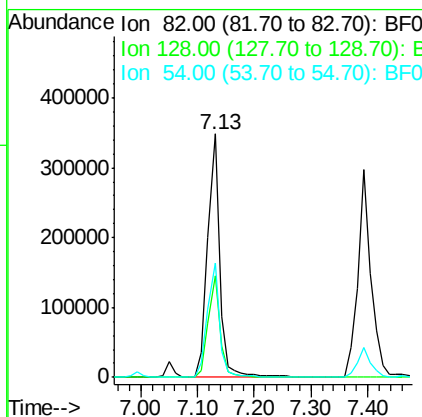
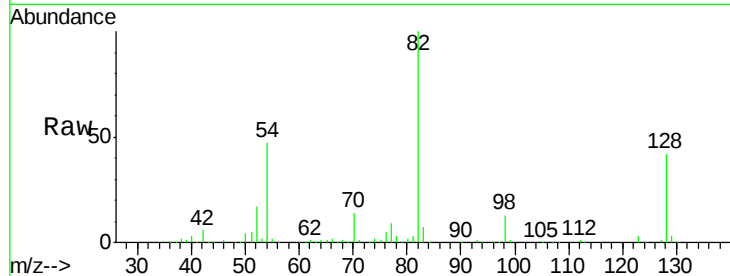
#23
 Nitrobenzene-d5
 Concen: 148.03 ng
 RT: 7.13 min Scan# 485
 Delta R.T. 0.01 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	82	Resp:	500206
Ion Ratio	Lower	Upper	
82	100		
128	41.7	32.5	48.7
54	47.2	38.8	58.2

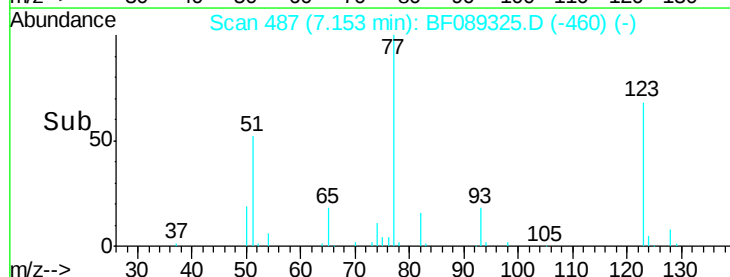
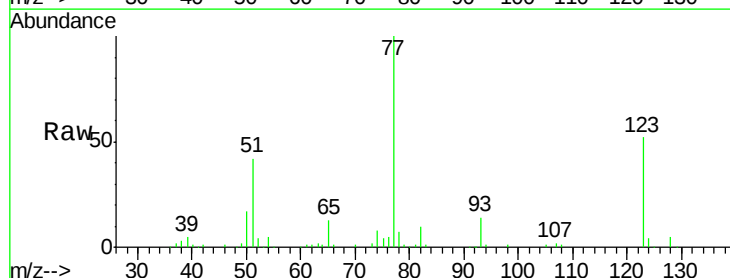
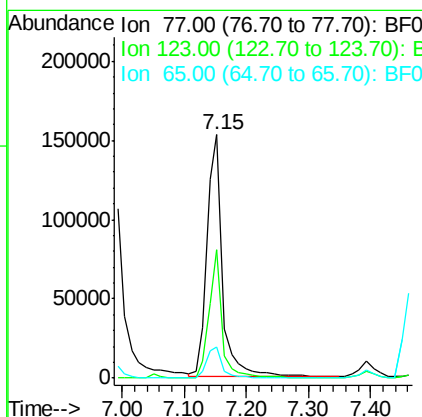
Manual Integrations

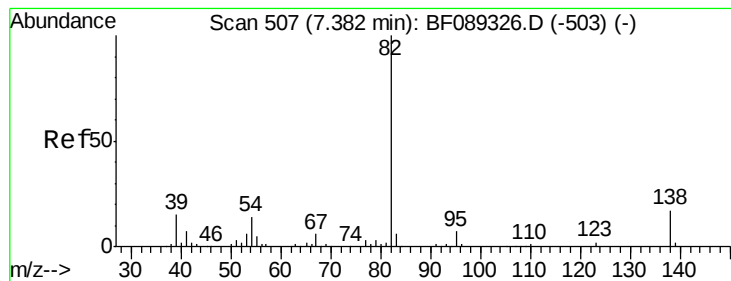
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#24
 Nitrobenzene
 Concen: 73.89 ng
 RT: 7.15 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Tgt Ion:	77	Resp:	262416
Ion Ratio	Lower	Upper	
77	100		
123	52.5	37.2	55.8
65	12.7	10.2	15.4





#25

Isophorone

Concen: 78.29 ng

RT: 7.39 min Scan# 508

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

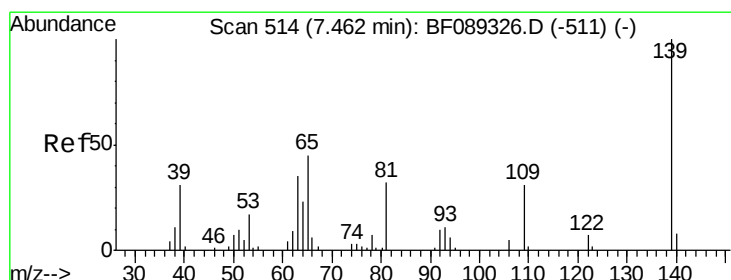
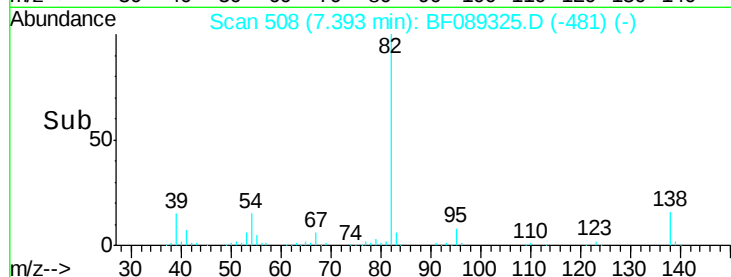
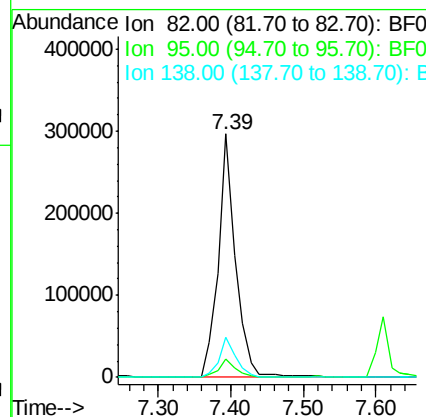
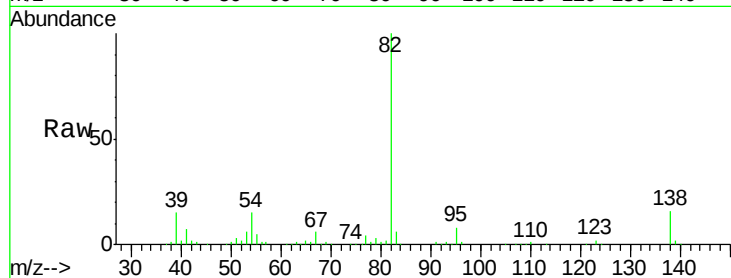
SSTDIC080

Tot Ion:	82	Resp:	488332
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.0	9.0
138	16.4	13.3	19.9

Manual Integrations

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#26

2-Nitrophenol

Concen: 80.29 ng

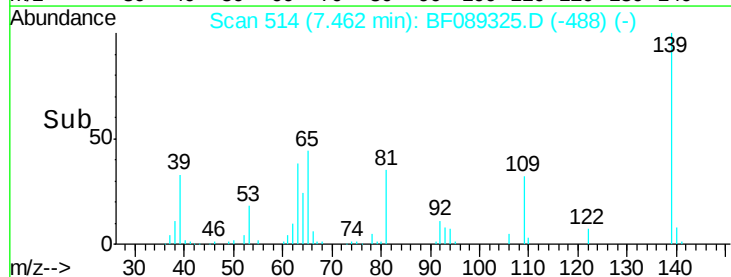
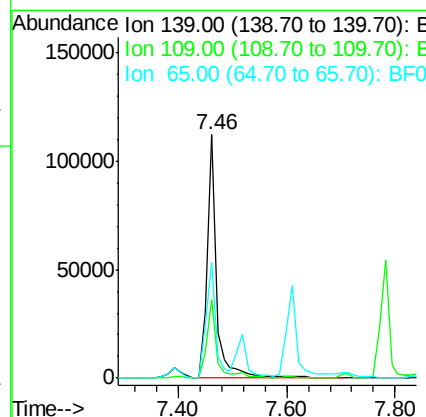
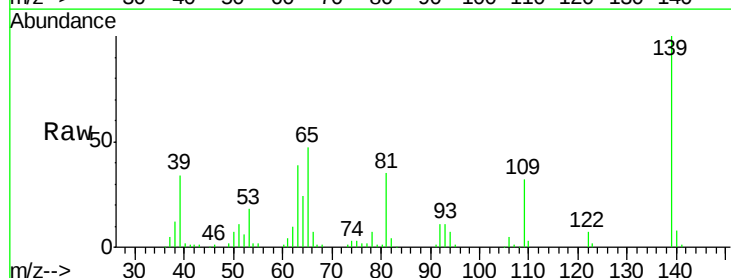
RT: 7.46 min Scan# 514

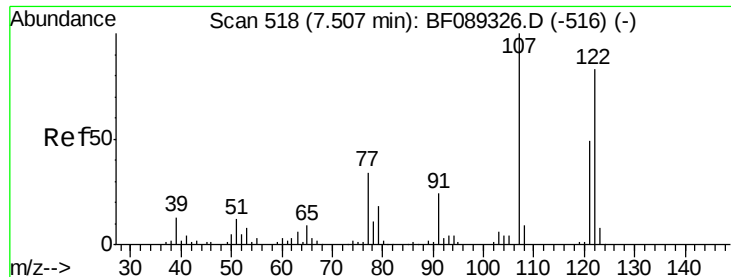
Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Tgt Ion:	139	Resp:	133270
Ion Ratio	Lower	Upper	
139	100		
109	32.2	25.8	38.8
65	47.4	35.2	52.8





#27

2,4-Dimethylphenol

Concen: 76.13 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:122 Resp: 212963

Ion Ratio Lower Upper

122 100

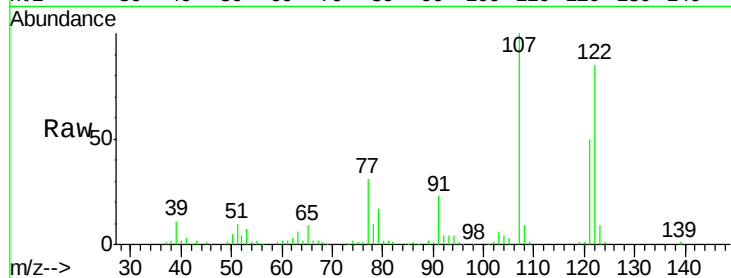
107 117.8 97.2 145.8

121 59.1 48.8 73.2

Manual Integrations

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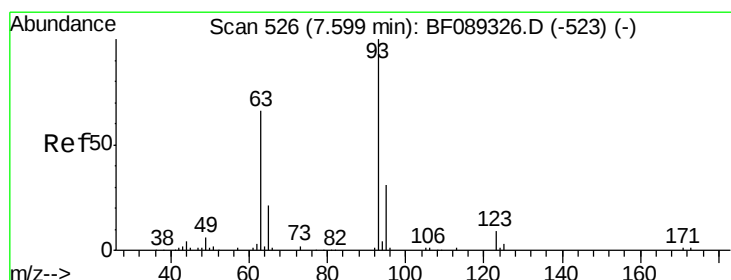
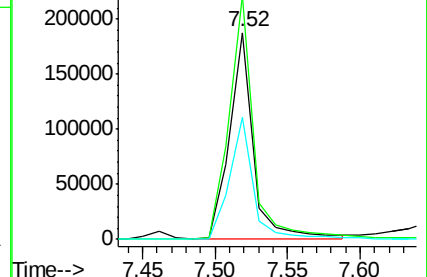
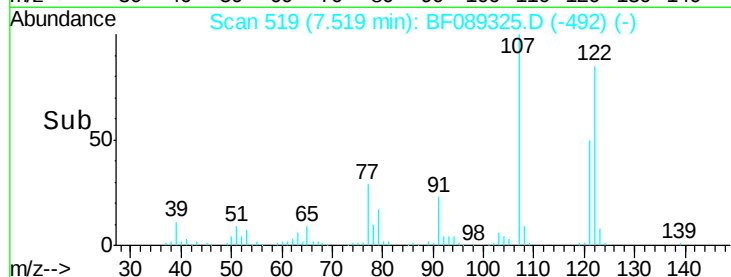
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 73.49 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

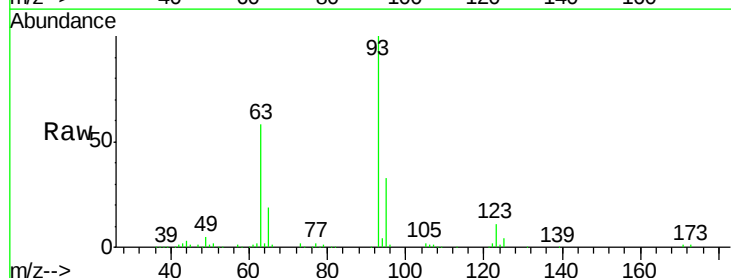
Tgt Ion: 93 Resp: 281373

Ion Ratio Lower Upper

93 100

95 32.5 24.7 37.1

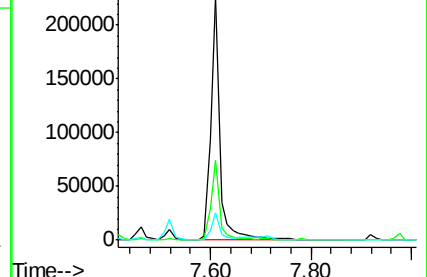
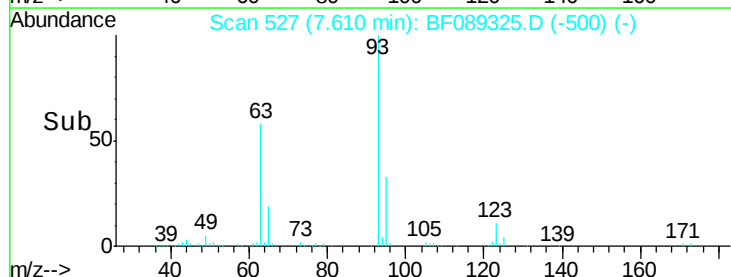
123 11.1 7.5 11.3

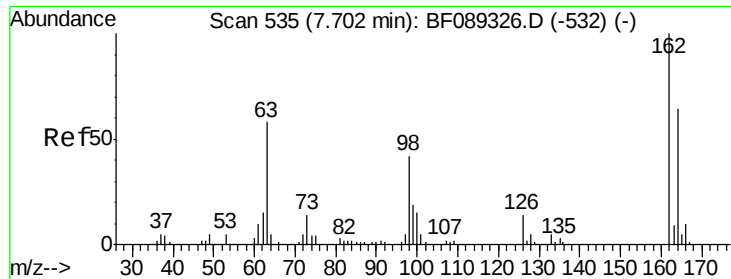


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





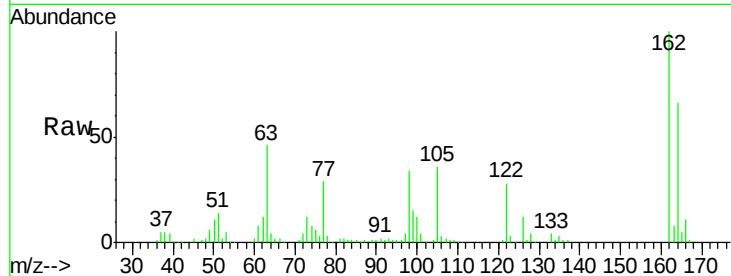
#29
 2,4-Dichlorophenol
 Concen: 71.15 ng
 RT: 7.71 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.0	84.0
98	34.3	21.8	61.8

Manual Integrations

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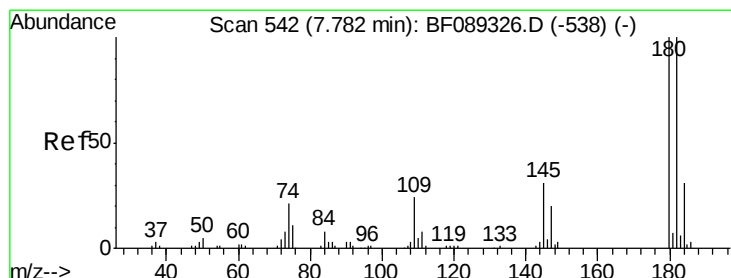
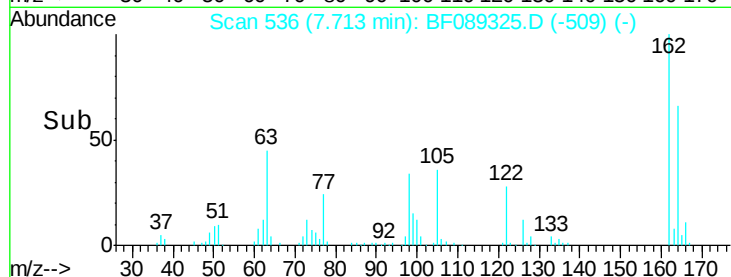
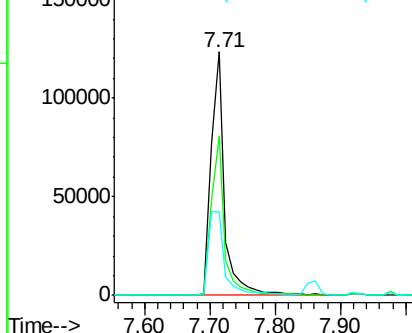


Abundance

Ion 162.00 (161.70 to 162.70): E

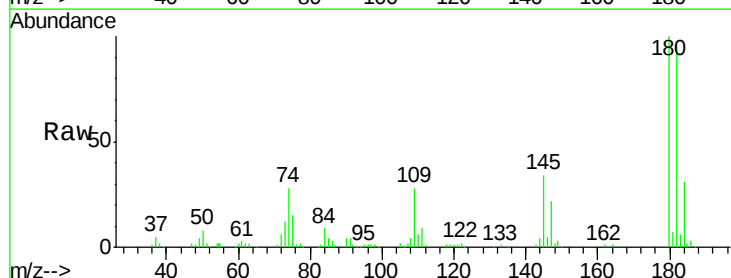
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 76.57 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	78.2	117.2
145	34.2	24.6	36.8

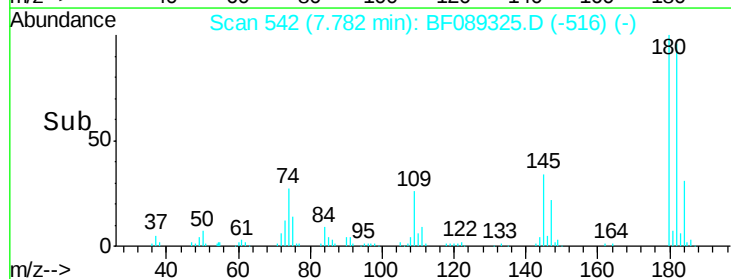
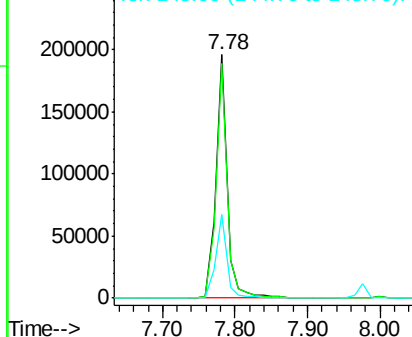


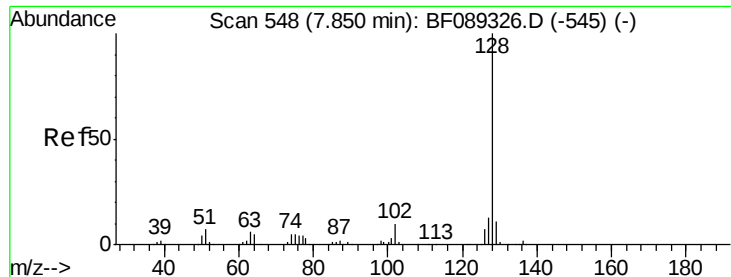
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 69.47 ng

RT: 7.86 min Scan# 549

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

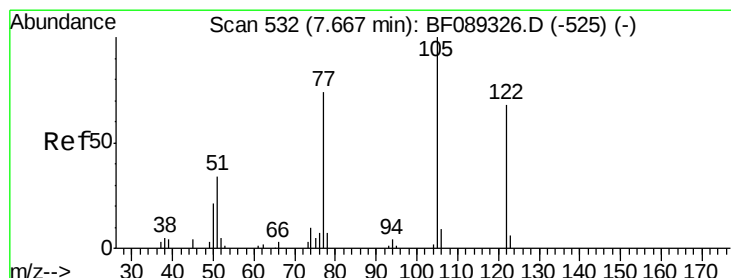
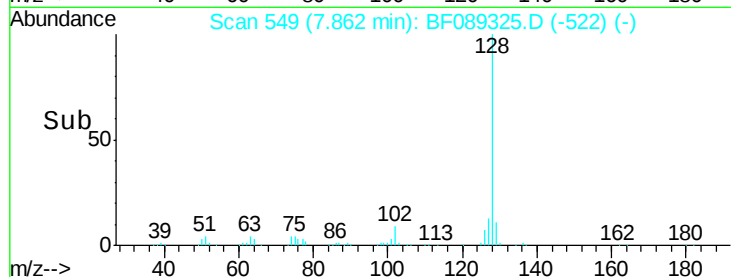
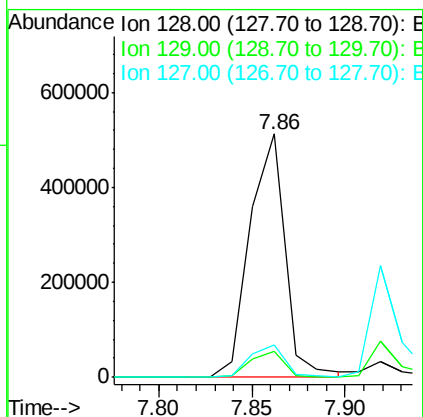
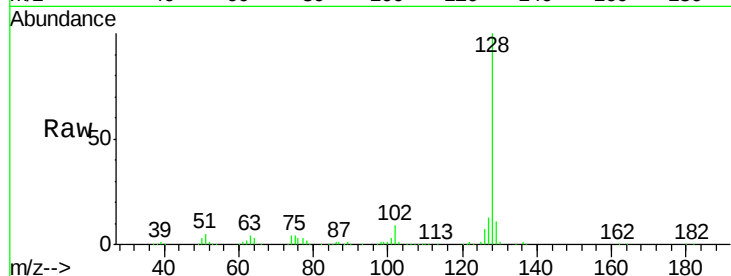
SSTDIC080

Tot Ion:	128	Resp:	672141
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.8	13.2
127	13.3	10.8	16.2

Manual Integrations

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#32

Benzoic acid

Concen: 69.27 ng

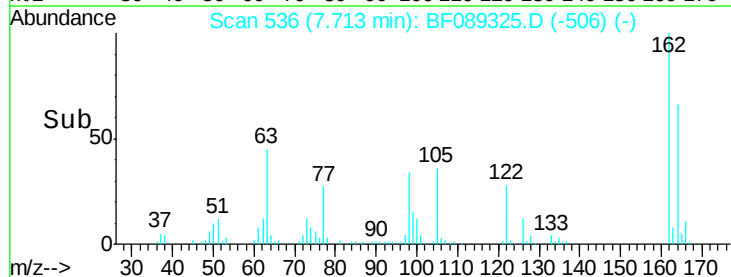
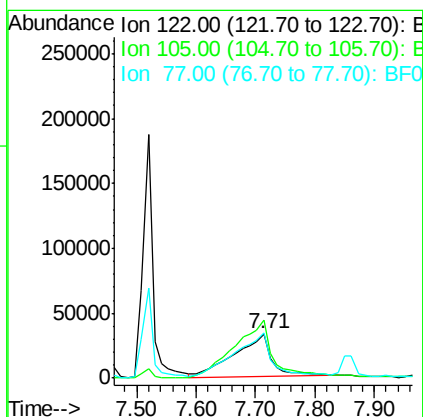
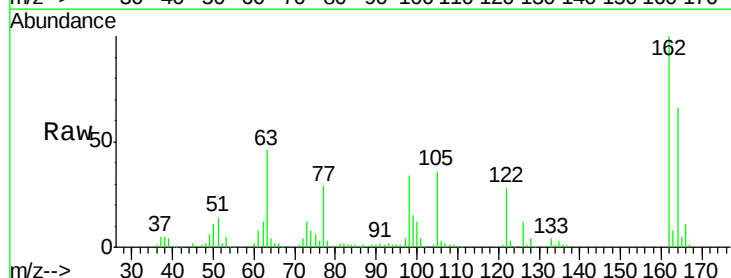
RT: 7.71 min Scan# 536

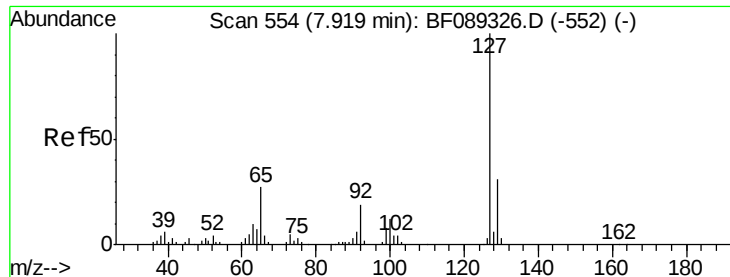
Delta R.T. 0.05 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Tgt Ion:	122	Resp:	143765
Ion Ratio	Lower	Upper	
122	100		
105	131.2	106.4	146.4
77	103.2	76.4	116.4





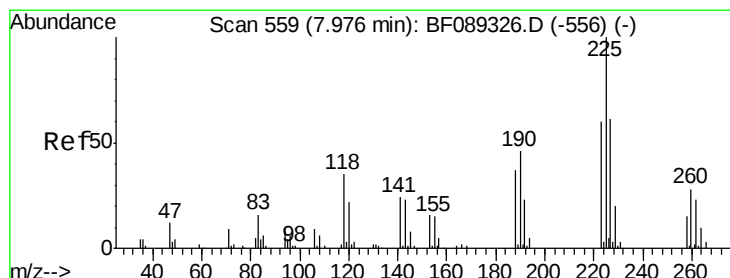
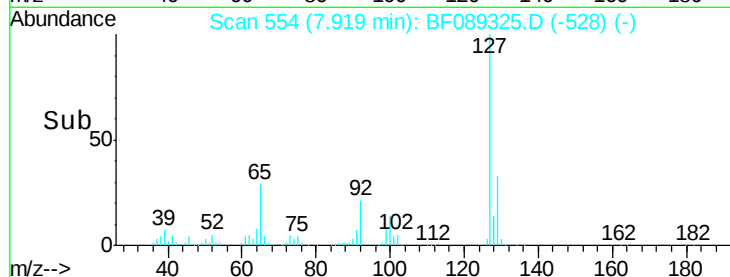
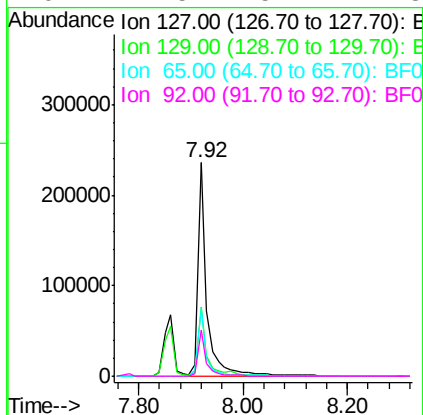
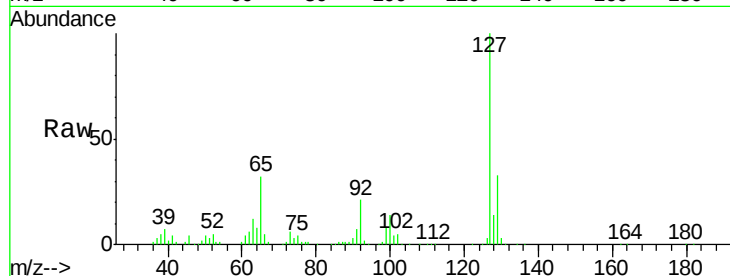
#33
4-Chloroaniline
Concen: 69.70 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		278264		
129	32.5	26.1	39.1		
65	31.6	22.0	33.0		
92	21.5	15.2	22.8		

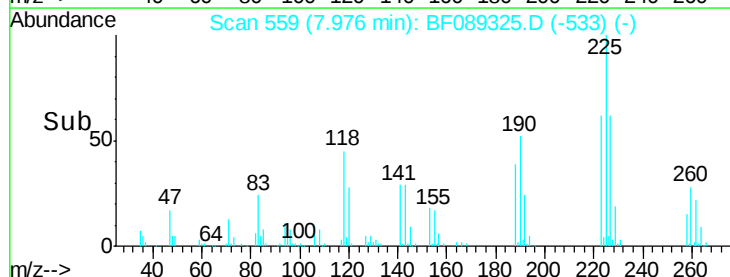
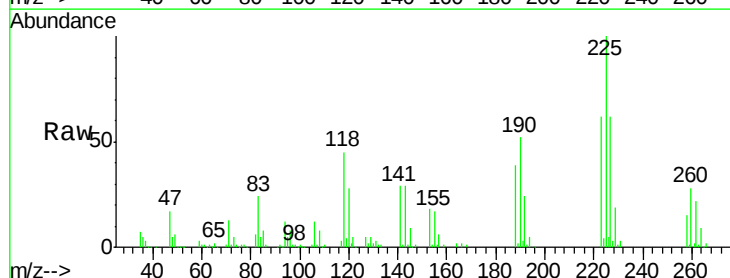
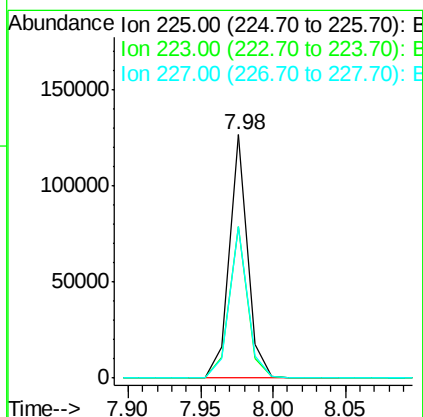
Manual Integrations

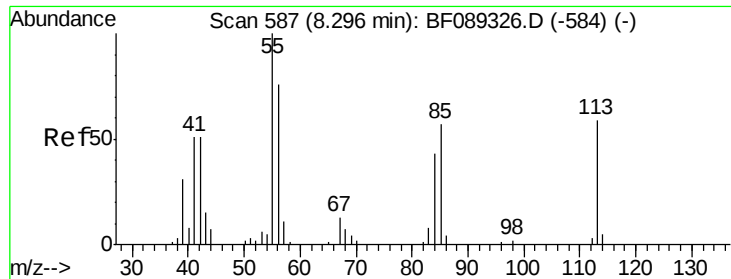
sohil
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#34
Hexachlorobutadiene
Concen: 71.49 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		111246		
223	62.0	49.8	74.8		
227	62.2	49.4	74.2		





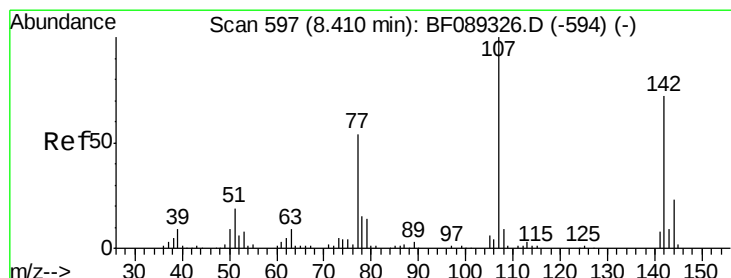
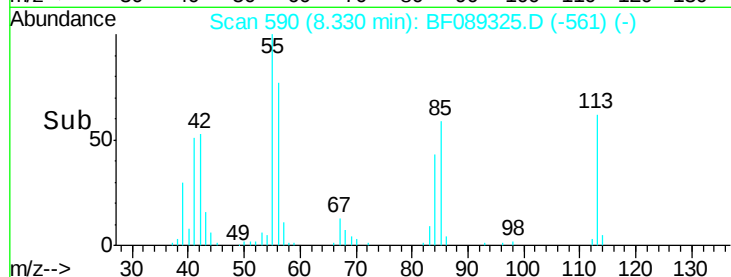
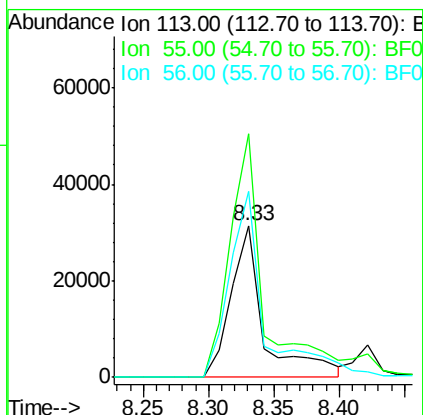
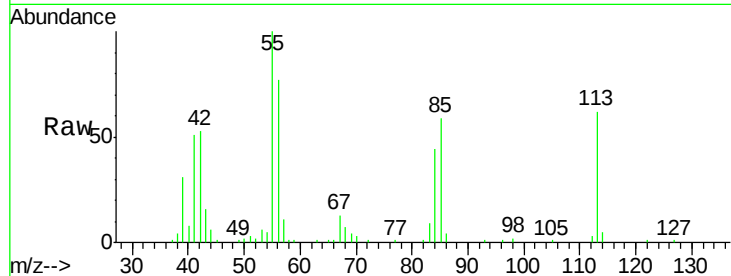
#35
Caprolactam
Concen: 71.41 ng
RT: 8.33 min Scan# 590
Delta R.T. 0.03 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:113 Resp: 55401
Ion Ratio Lower Upper
113 100
55 160.5 142.3 182.3
56 122.9 105.8 145.8

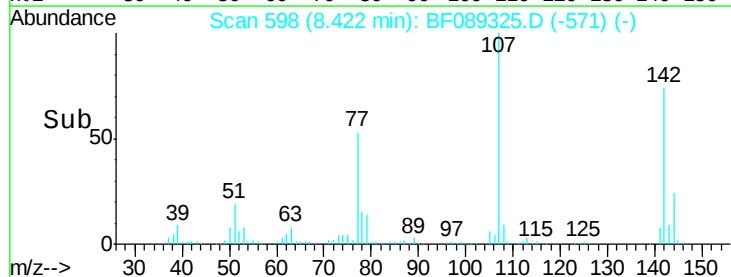
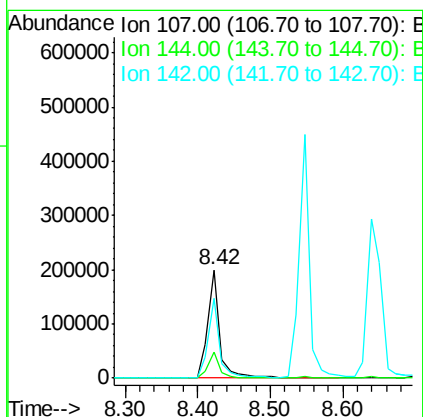
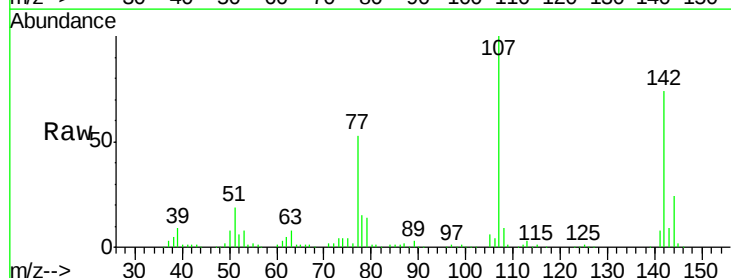
Manual Integrations

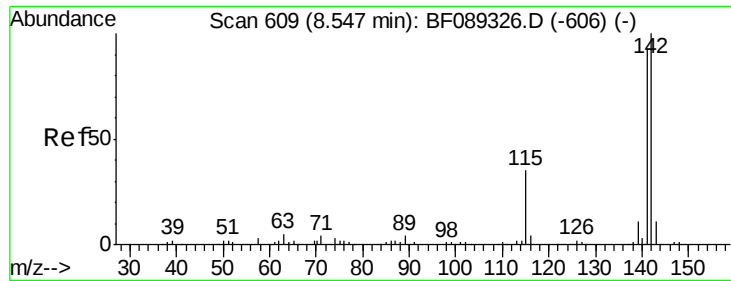
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#36
4-Chloro-3-methylphenol
Concen: 76.07 ng
RT: 8.42 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion:107 Resp: 231614
Ion Ratio Lower Upper
107 100
144 24.3 18.4 27.6
142 73.8 58.6 87.8





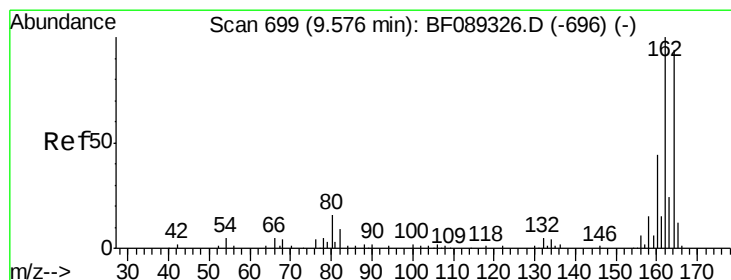
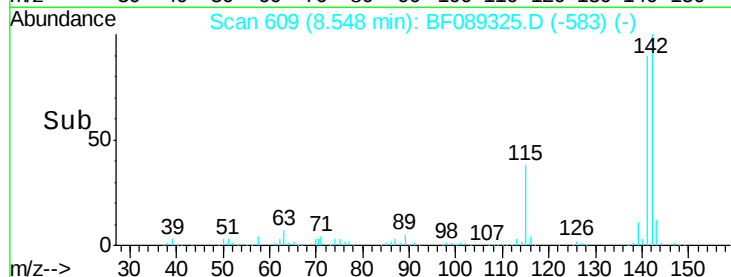
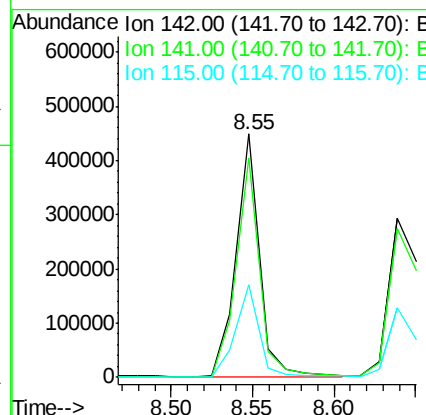
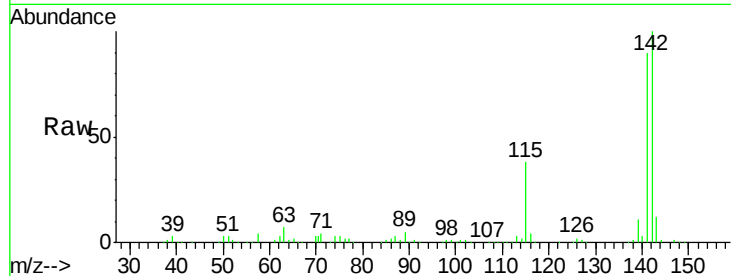
#37
2-Methylnaphthalene
Concen: 73.59 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.9	106.3
115	37.9	27.6	41.4

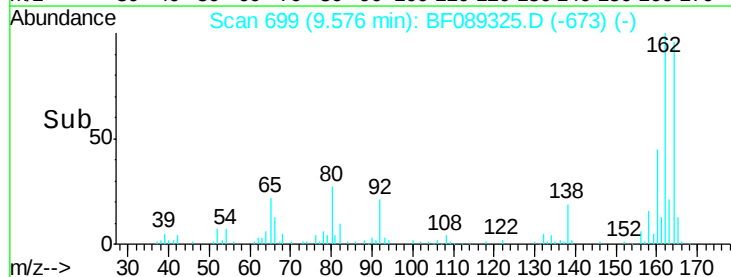
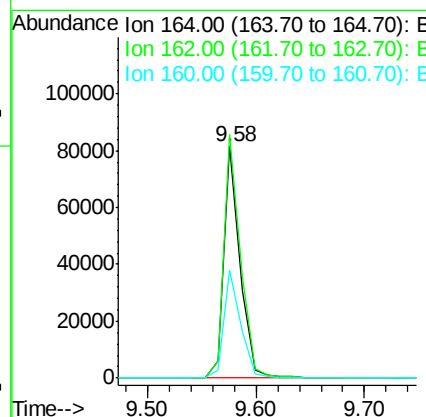
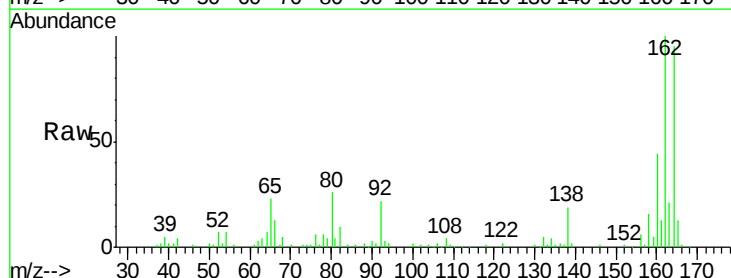
Manual Integrations

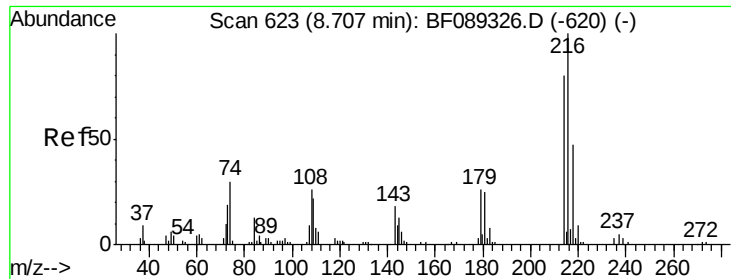
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.7	125.5
160	46.6	37.8	56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 77.80 ng

RT: 8.72 min Scan# 624

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

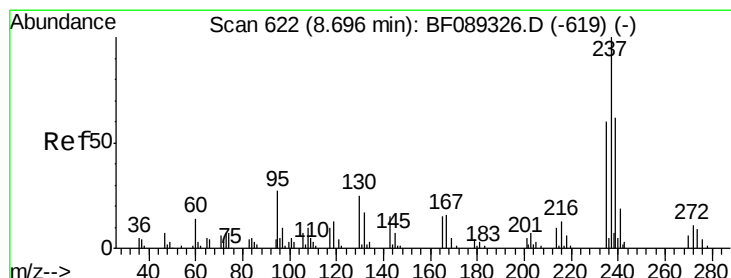
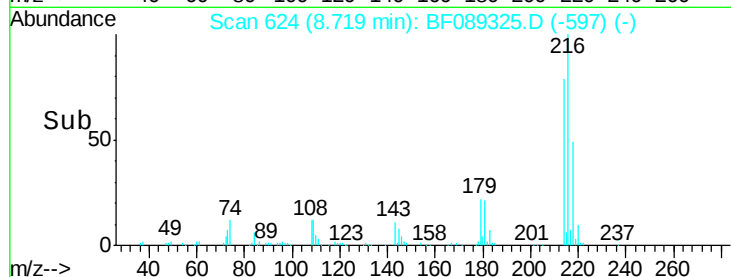
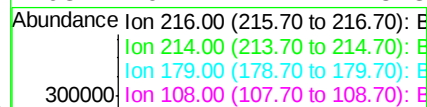
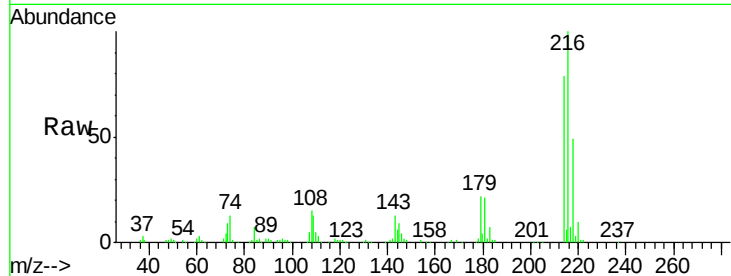
SSTDIC080

Tot Ion:	216	Resp:	242545
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.3	94.9
179	22.8	18.1	27.1
108	19.7	17.2	25.8

Manual Integrations

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#40

Hexachlorocyclopentadiene

Concen: 84.77 ng

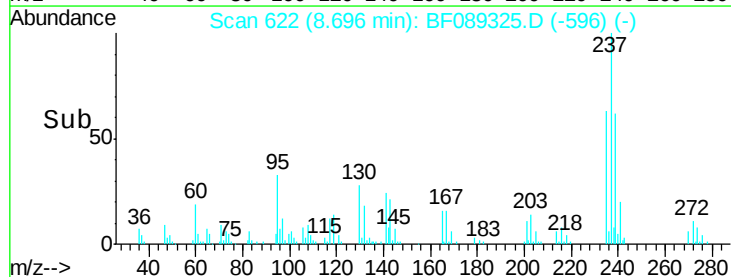
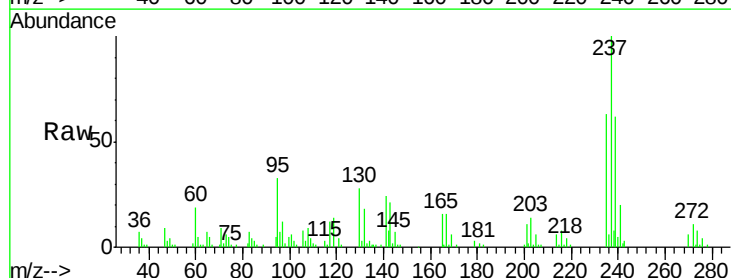
RT: 8.70 min Scan# 622

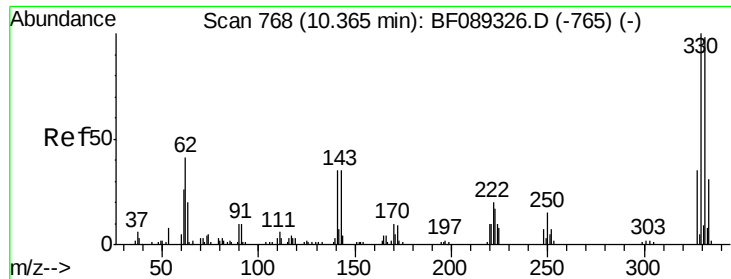
Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Tgt Ion:	237	Resp:	69048
Ion Ratio	Lower	Upper	
237	100		
235	63.3	41.6	81.6
272	10.8	0.0	30.8





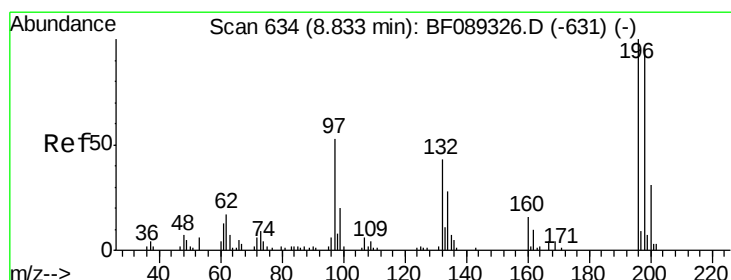
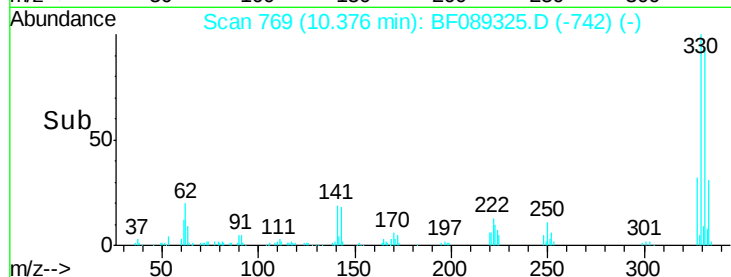
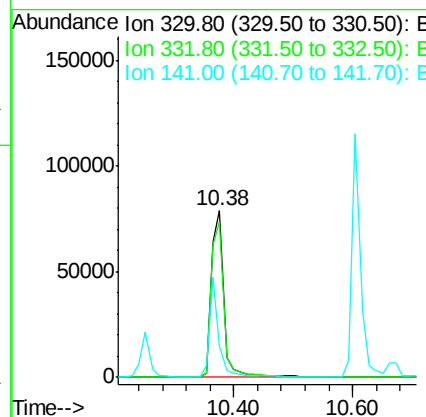
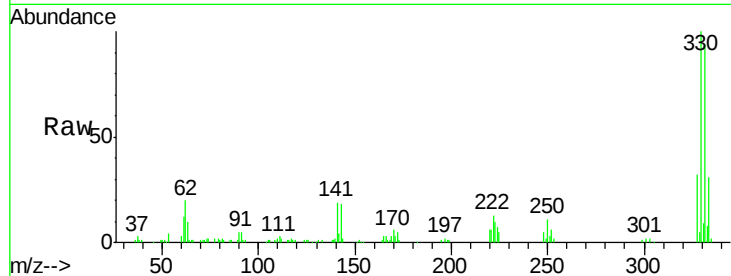
#41
 2,4,6-Tribromophenol
 Concen: 152.55 ng
 RT: 10.38 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.8	115.2
141	47.4	37.3	55.9

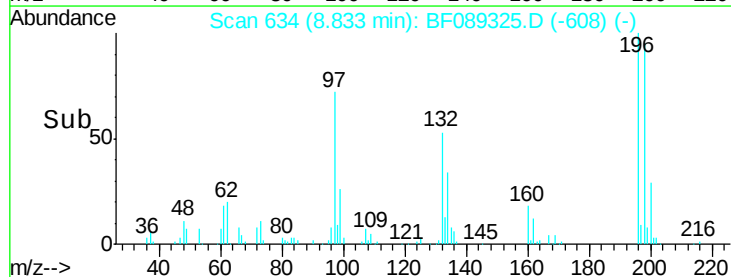
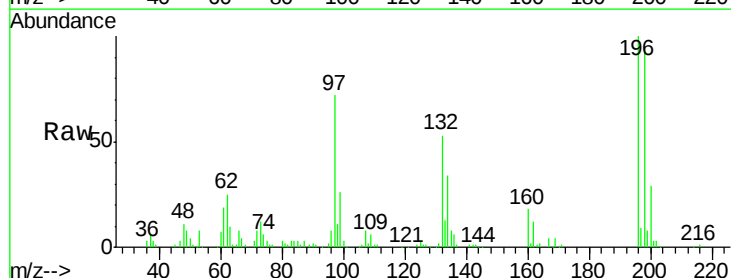
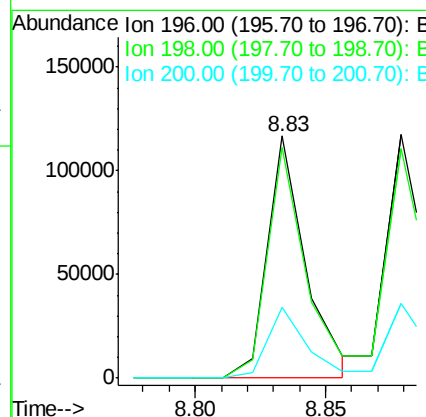
Manual Integrations

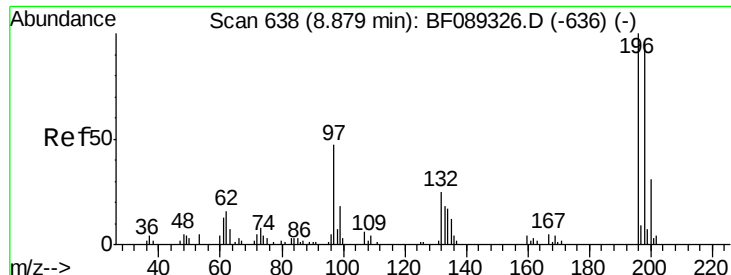
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#42
 2,4,6-Trichlorophenol
 Concen: 70.43 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.5	113.3
200	29.4	23.9	35.9





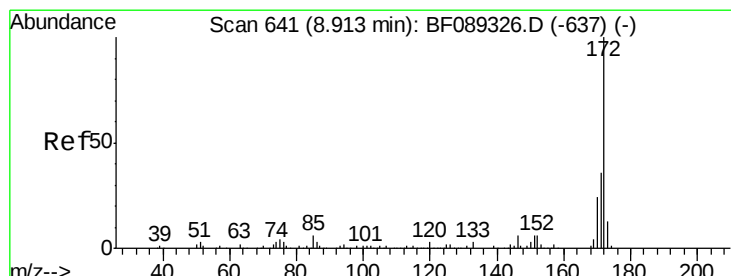
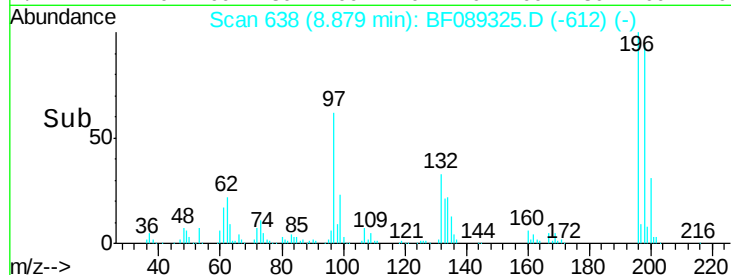
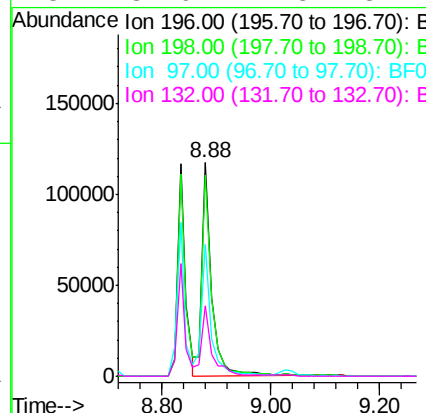
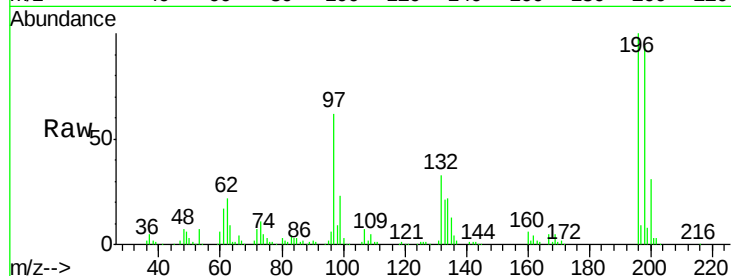
#43
 2,4,5-Trichlorophenol
 Concen: 83.08 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	196	Resp:	144997
Ion Ratio	Lower	Upper	
196	100		
198	94.1	78.7	118.1
97	61.8	39.7	59.5
132	32.9	22.8	34.2

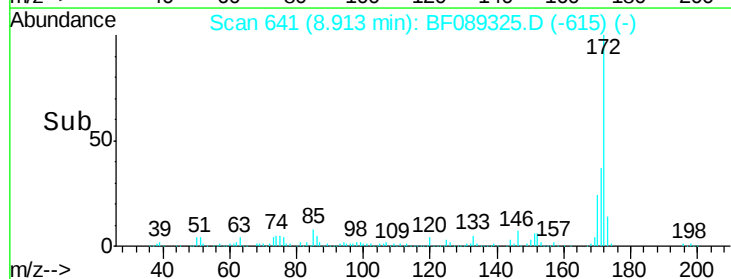
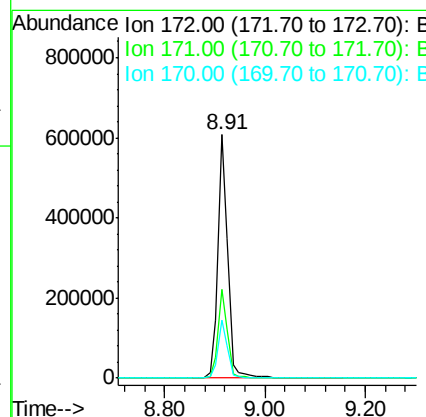
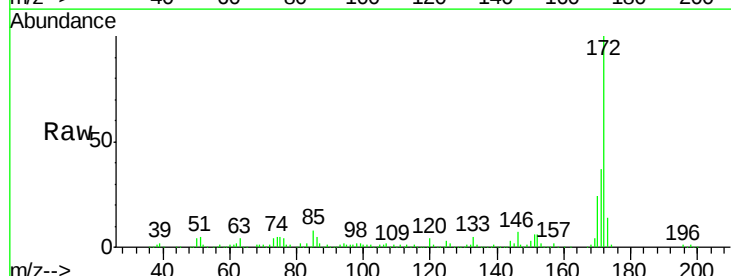
Manual Integrations

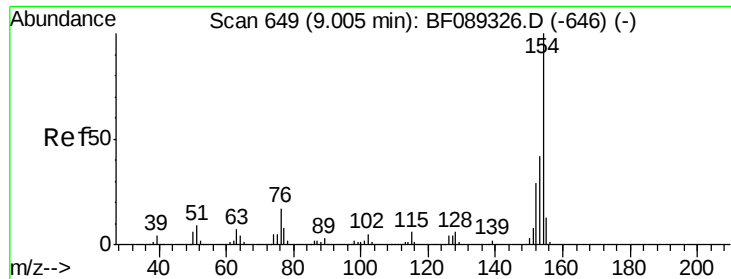
sohil
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#44
 2-Fluorobiphenyl
 Concen: 135.88 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Tgt Ion:	172	Resp:	823871
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.2	43.8
170	24.0	19.2	28.8





#45

1,1'-Biphenyl

Concen: 76.69 ng

RT: 9.02 min Scan# 650

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

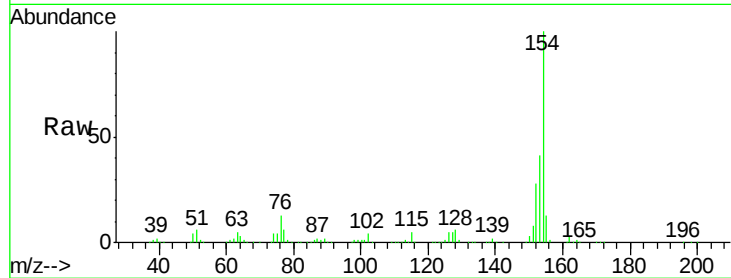
SSTDICC080

Tot Ion:	154	Resp:	580241
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.0	61.0
76	12.6	0.0	36.6

Manual Integrations

sohil

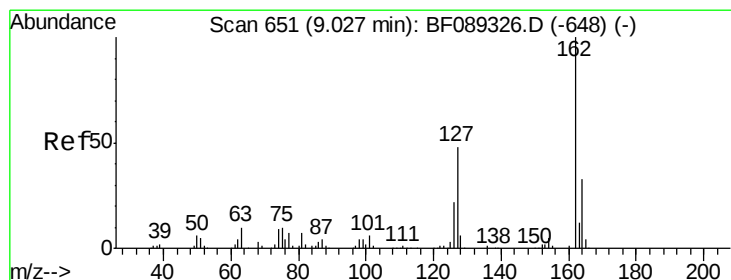
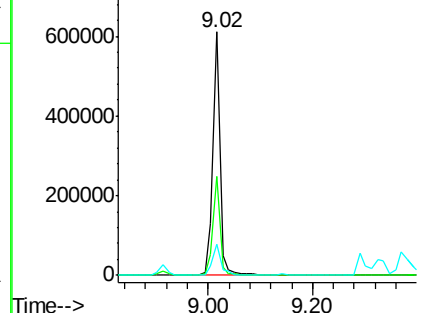
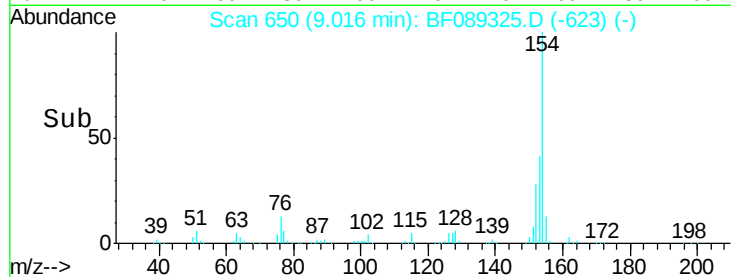
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 75.02 ng

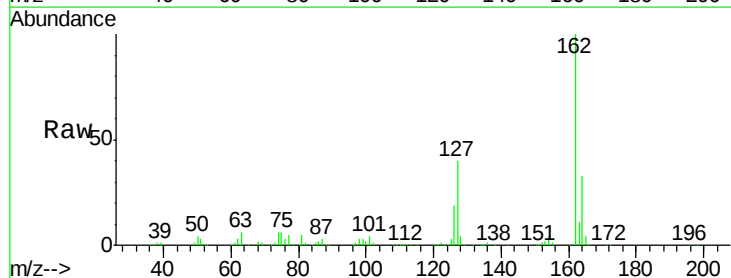
RT: 9.04 min Scan# 652

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

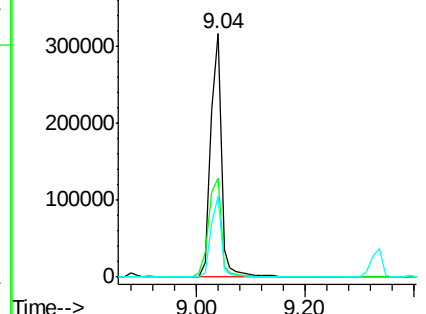
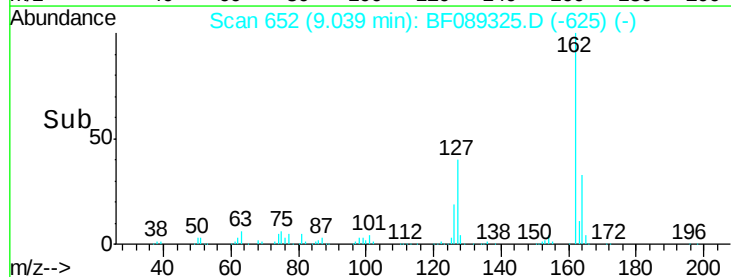
Tgt Ion:	162	Resp:	431234
Ion Ratio	Lower	Upper	
162	100		
127	40.5	37.8	56.8
164	33.4	25.8	38.8

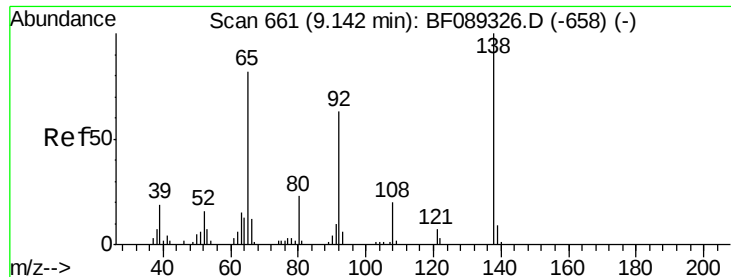


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





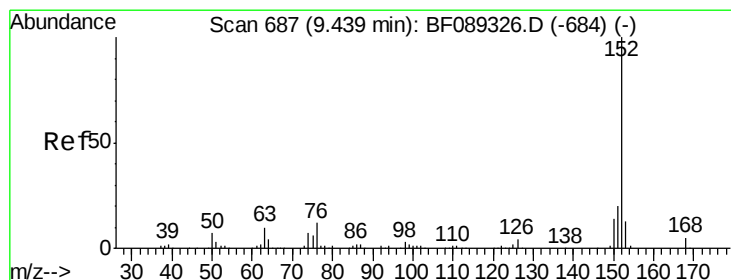
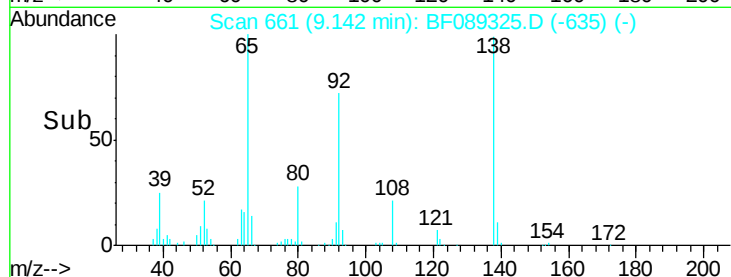
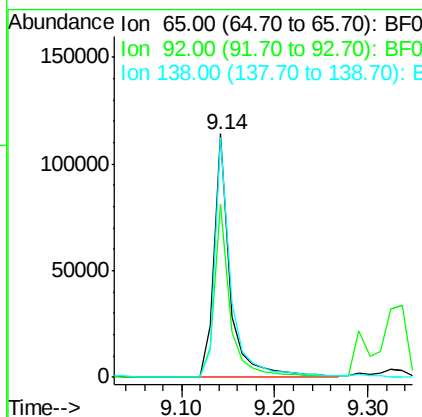
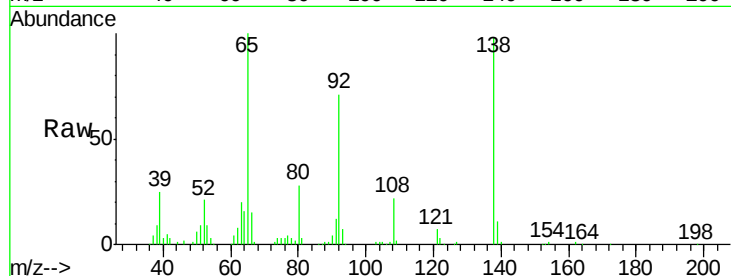
#47
2-Nitroaniline
Concen: 70.71 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
65	100		137189		
92	71.4	61.0	91.4		
138	98.4	99.1	148.7#		

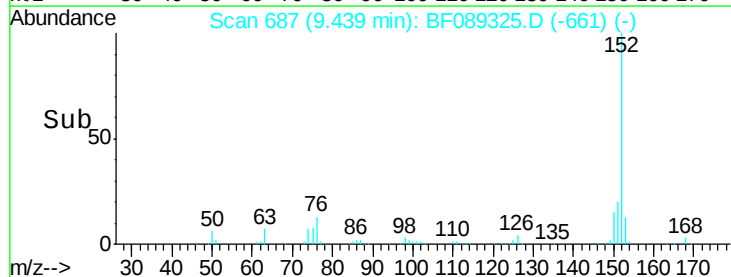
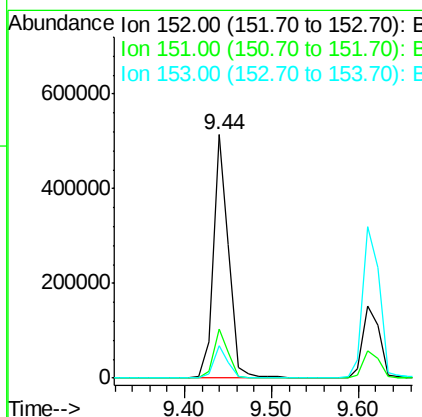
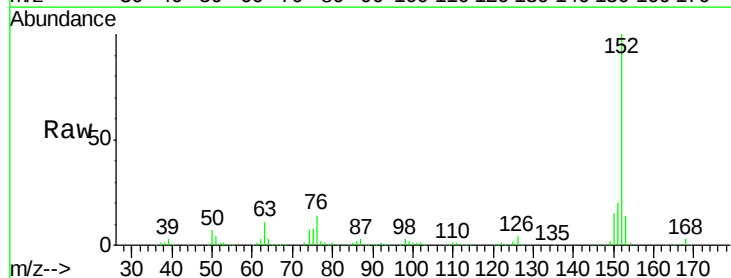
Manual Integrations

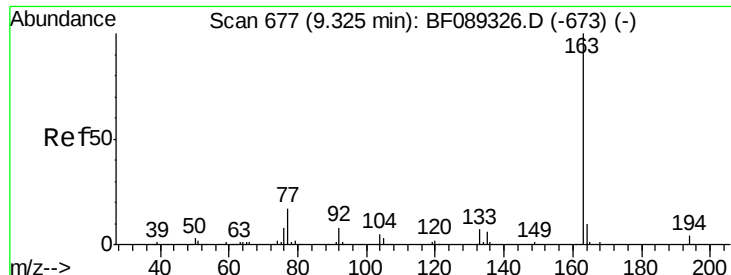
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#48
Acenaphthylene
Concen: 69.56 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		632832		
151	20.3	16.2	24.2		
153	13.5	10.2	15.4		





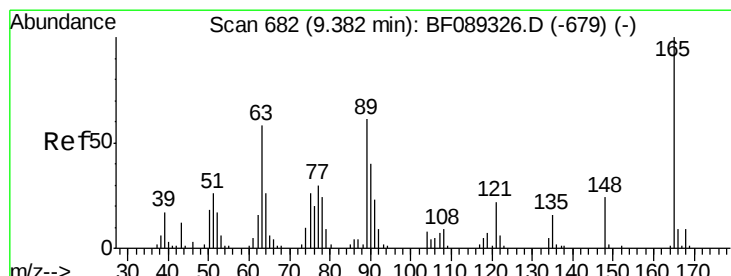
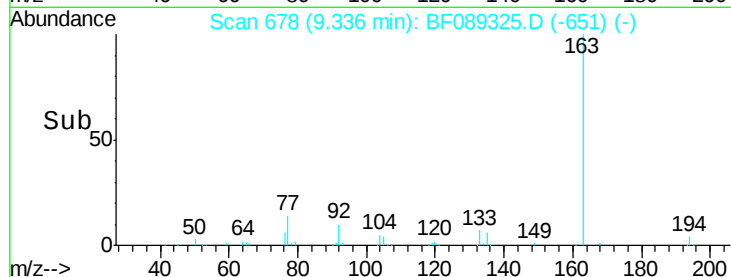
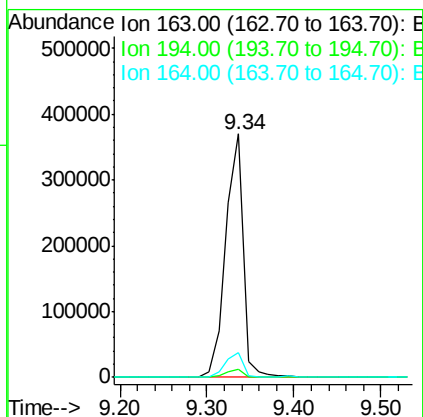
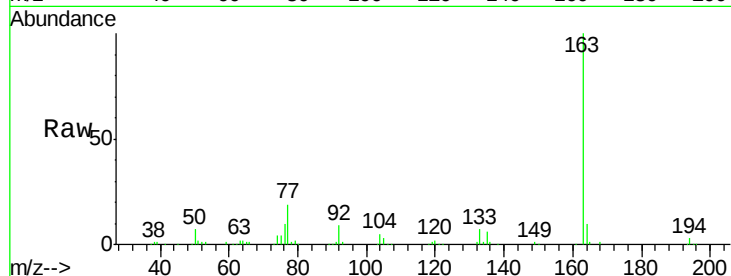
#49
Dimethylphthalate
Concen: 81.05 ng
RT: 9.34 min Scan# 678
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
163	100	521415		
194	3.5		2.8	4.2
164	9.9		7.8	11.8

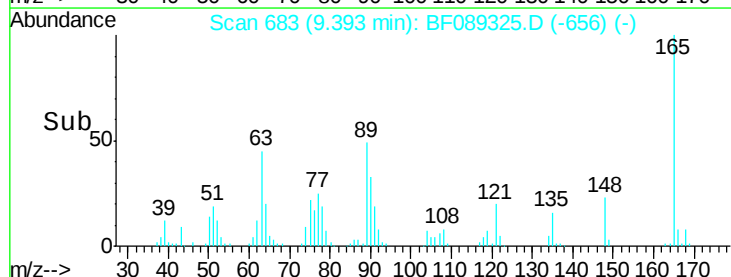
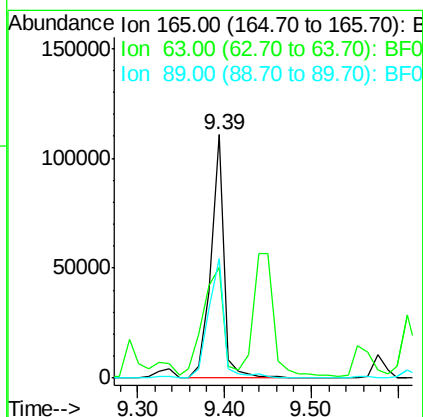
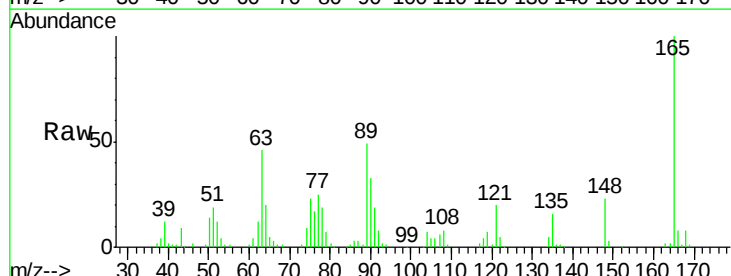
Manual Integrations

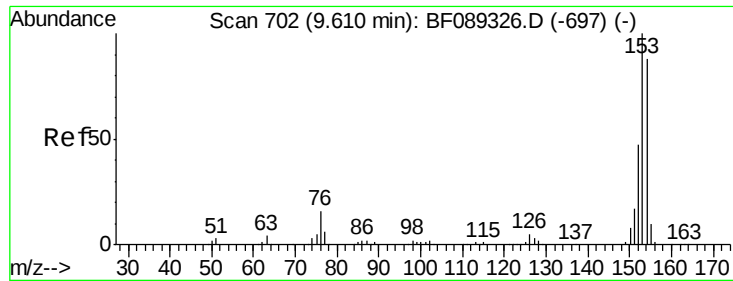
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#50
2,6-Dinitrotoluene
Concen: 81.97 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	118370		
63	45.6		43.5	65.3
89	49.3		45.0	67.4





#51

Acenaphthene

Concen: 69.18 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 370112

Ion Ratio Lower Upper

154 100

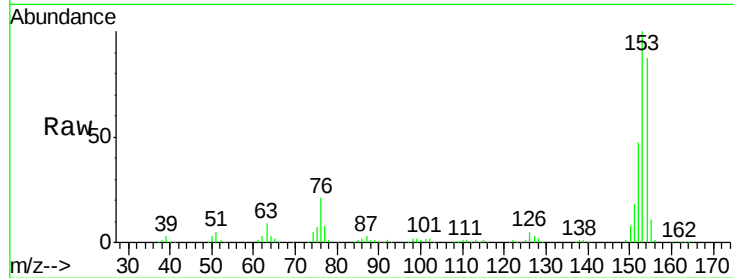
153 114.3 91.4 137.2

152 54.0 43.8 65.6

Manual Integrations

sohil

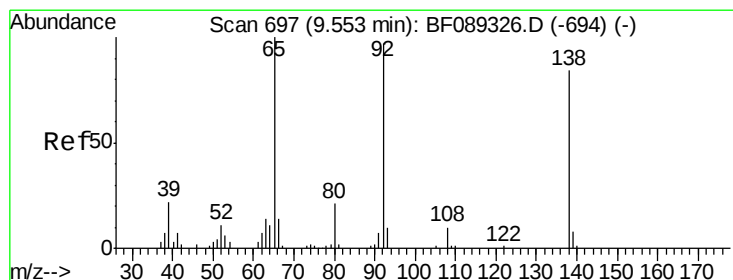
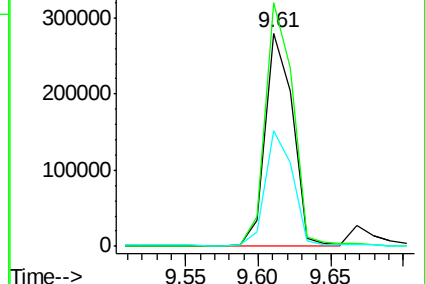
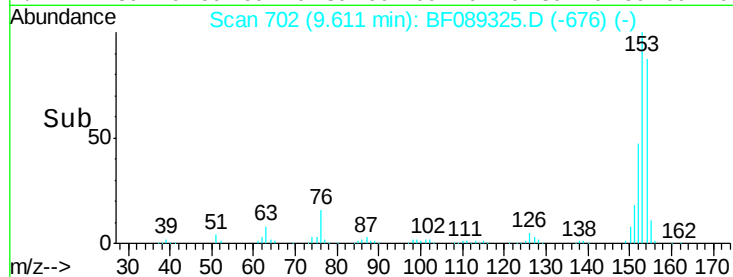
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 67.13 ng

RT: 9.56 min Scan# 698

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

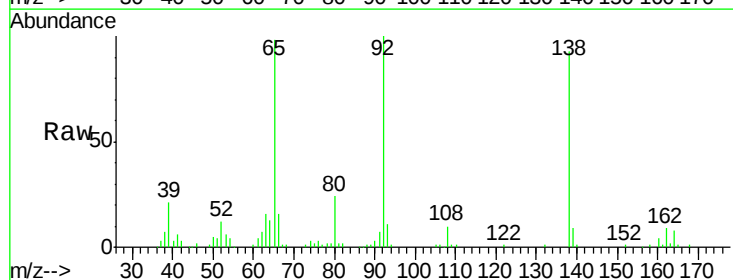
Tgt Ion:138 Resp: 112677

Ion Ratio Lower Upper

138 100

108 10.8 8.6 13.0

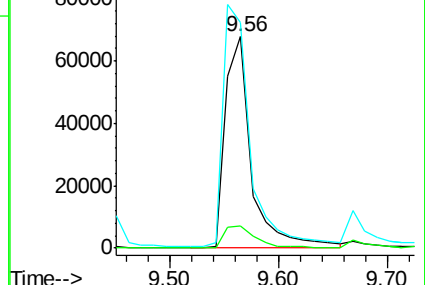
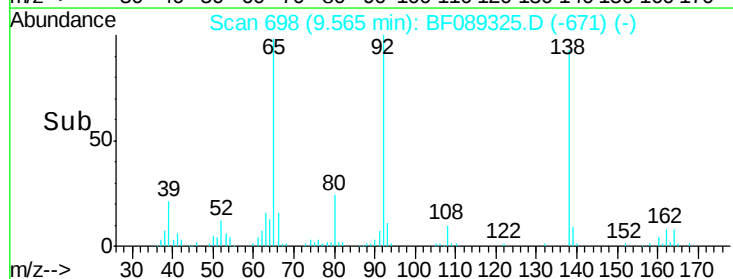
92 107.0 90.0 135.0

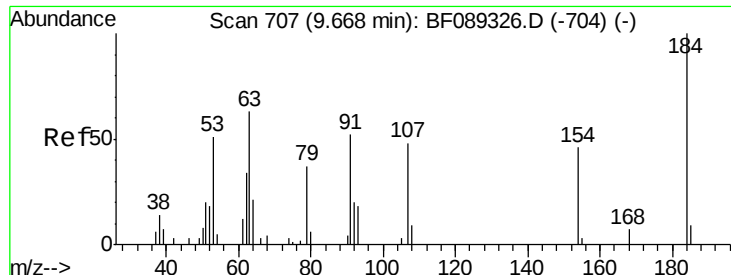


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





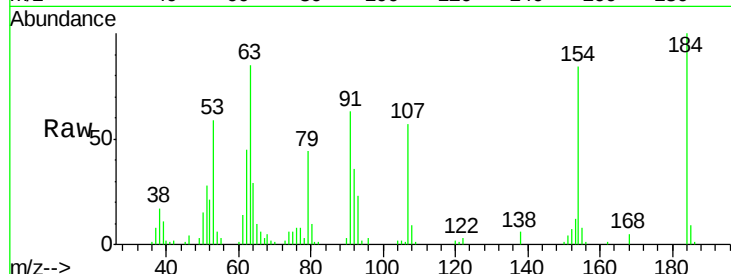
#53
 2,4-Dinitrophenol
 Concen: 86.71 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

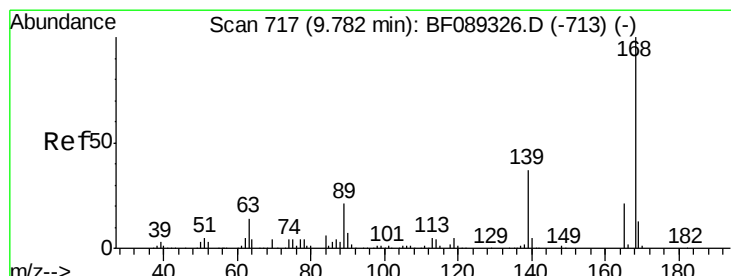
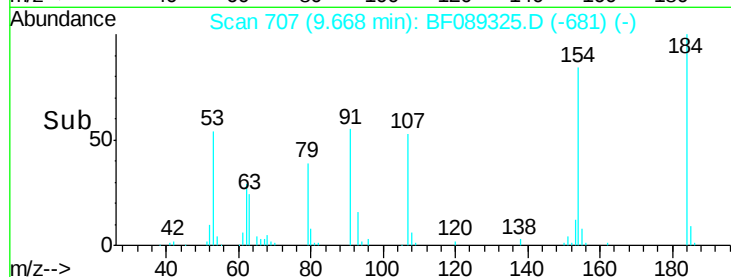
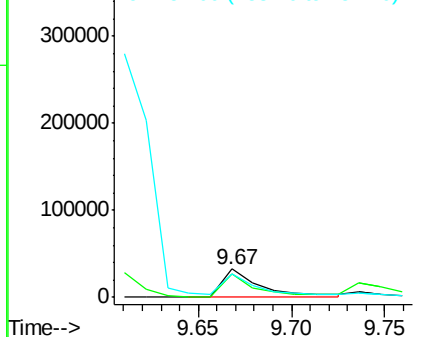
Tot Ion	184	Resp	48071
Ion Ratio	Lower	Upper	
184	100		
63	85.1	60.6	90.8
154	84.3	69.8	104.8

Manual Integrations

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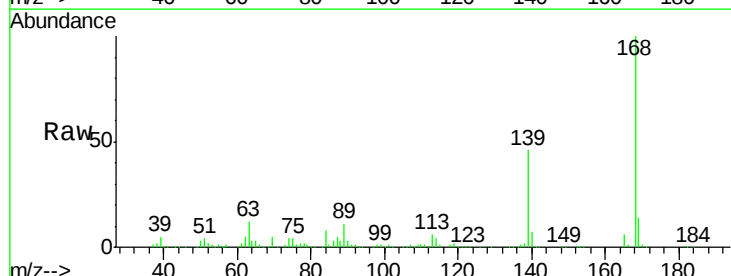


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

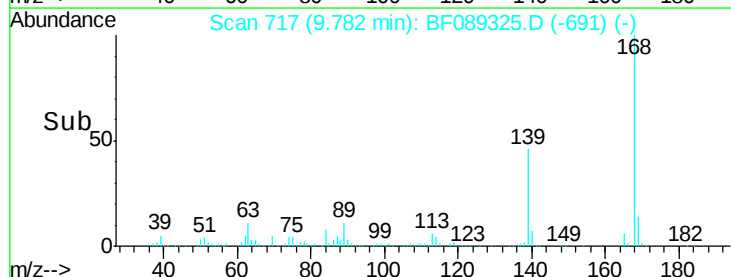
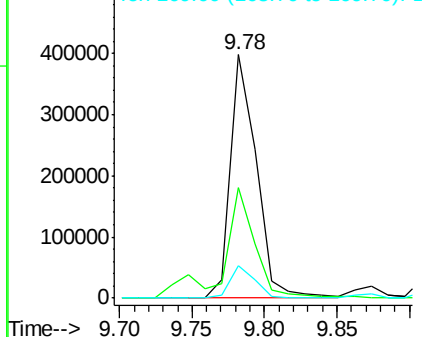


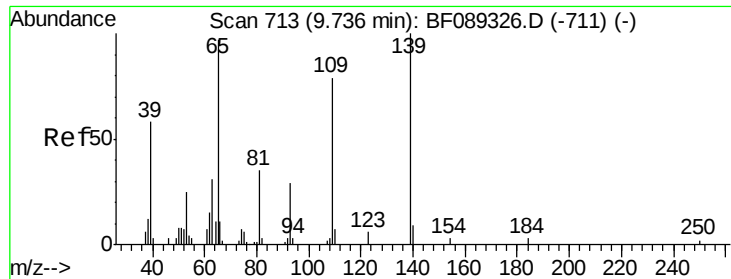
#54
 Dibenzofuran
 Concen: 68.97 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Tgt Ion	168	Resp	497067
Ion Ratio	Lower	Upper	
168	100		
139	45.5	33.7	50.5
169	13.6	10.7	16.1



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 54.08 ng/mL

RT: 9.75 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

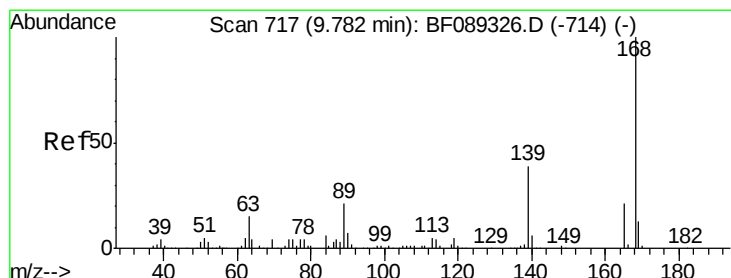
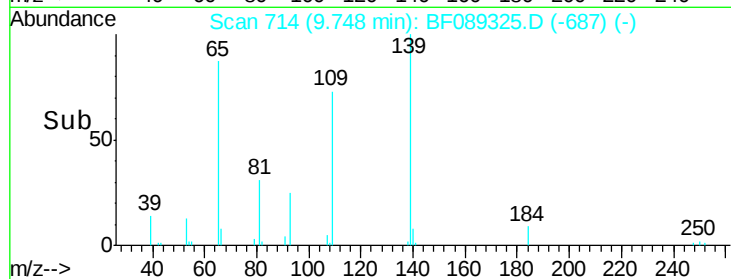
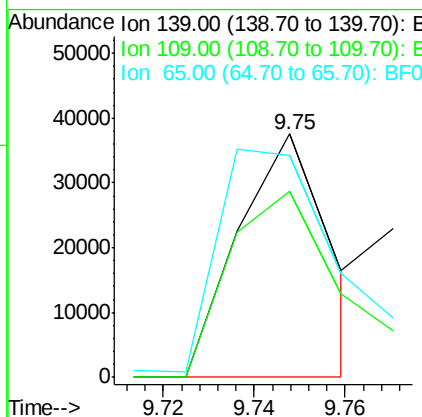
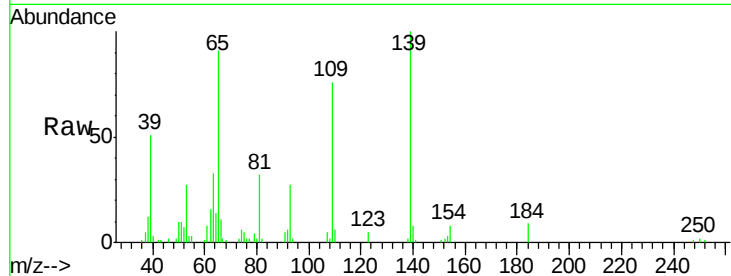
SSTDIC080

Manual Integrations

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Tot Ion:	139	Resp:	52481
Ion	Ratio	Lower	Upper
139	100		
109	76.5	57.8	97.8
65	91.2	81.7	121.7



#56

2,4-Dinitrotoluene

Concen: 75.64 ng/mL

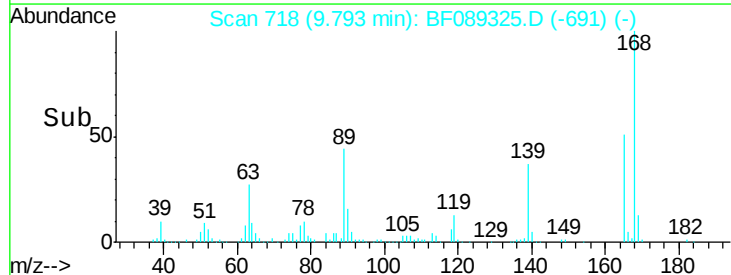
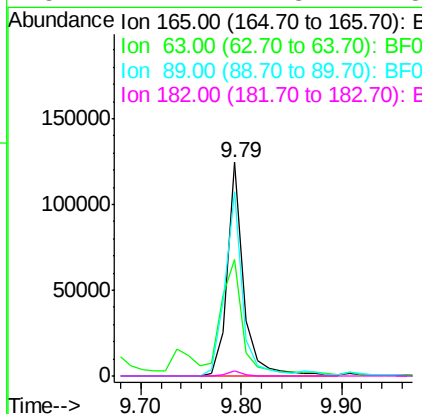
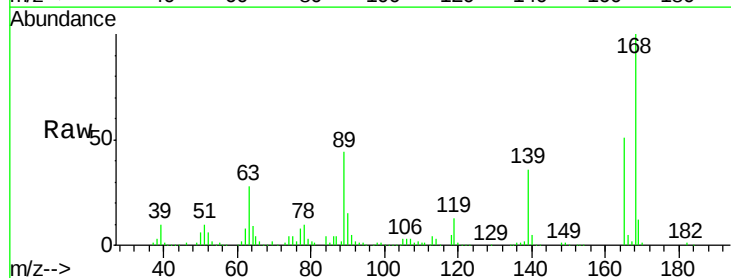
RT: 9.79 min Scan# 718

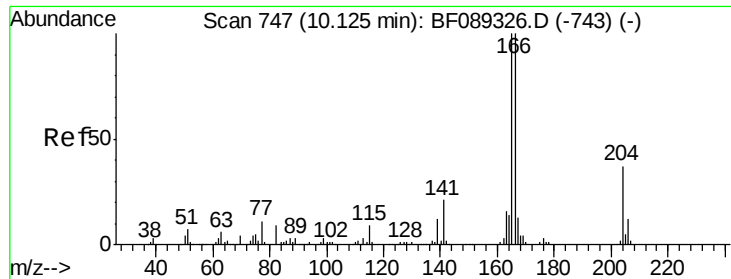
Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Tgt Ion:	165	Resp:	141731
Ion	Ratio	Lower	Upper
165	100		
63	54.5	58.2	87.2#
89	86.3	79.1	118.7
182	2.4	1.8	2.8





#57

Fluorene

Concen: 68.18 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:166 Resp: 412029

Ion Ratio Lower Upper

166 100

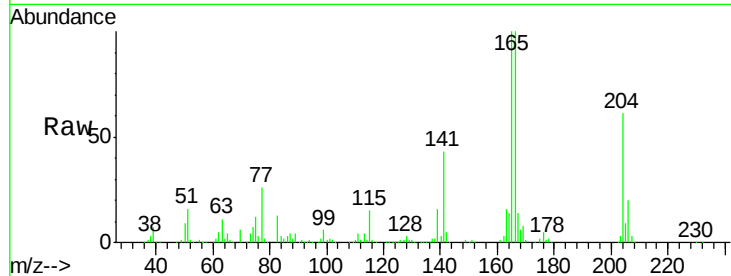
165 99.9 79.0 118.4

167 13.9 10.2 15.2

Manual Integrations

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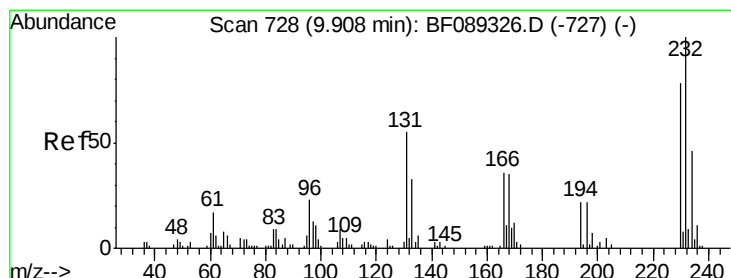
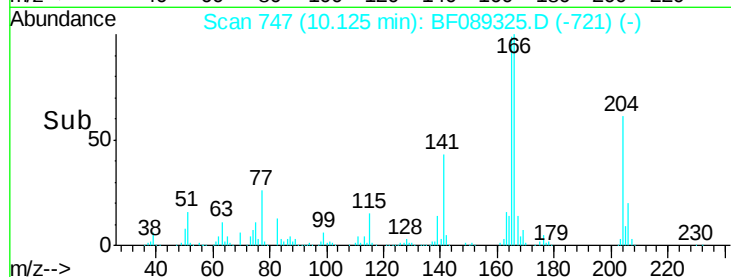
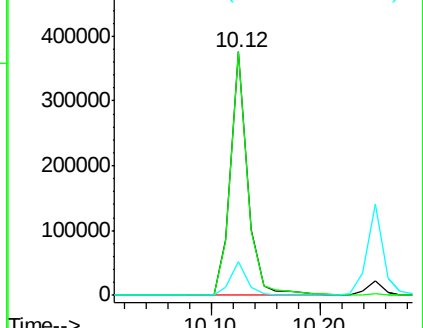
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 74.69 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Tgt Ion:232 Resp: 93904

Ion Ratio Lower Upper

232 100

131 57.3 42.7 64.1

130 2.5 1.7 2.5

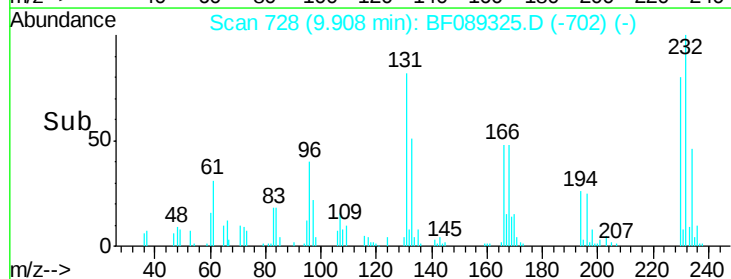
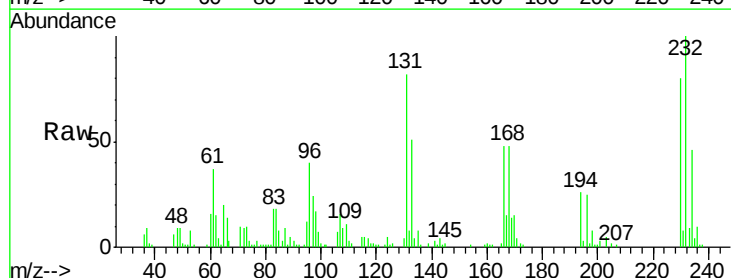
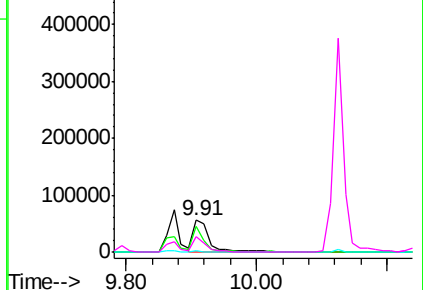
166 34.8 25.7 38.5

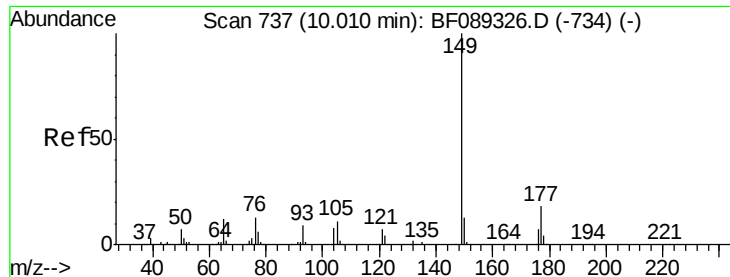
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





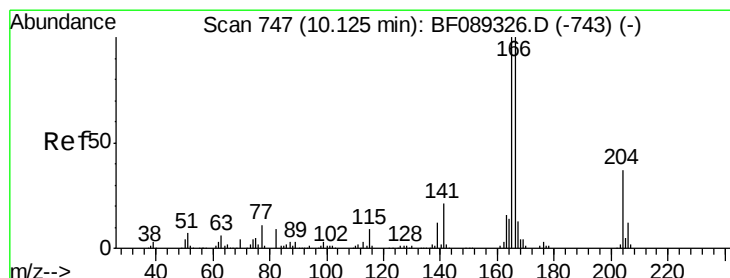
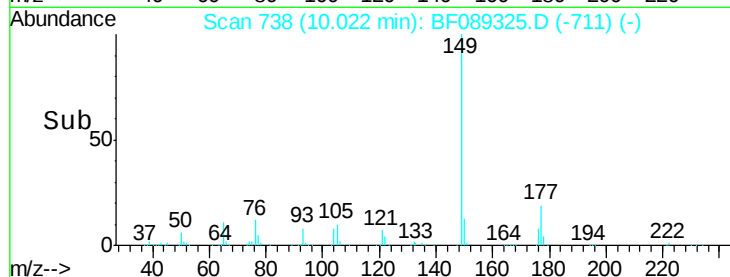
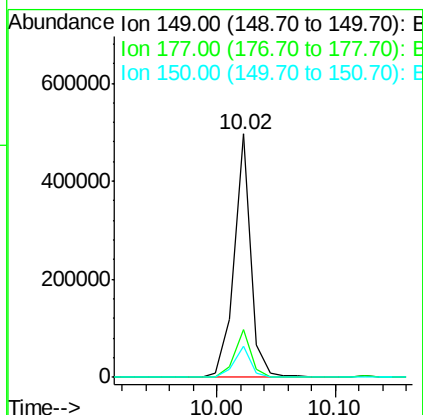
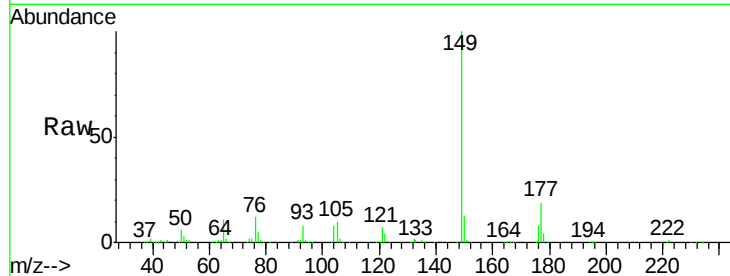
#59
Diethylphthalate
Concen: 75.91 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.5	15.1	22.7
150	12.9	10.2	15.4

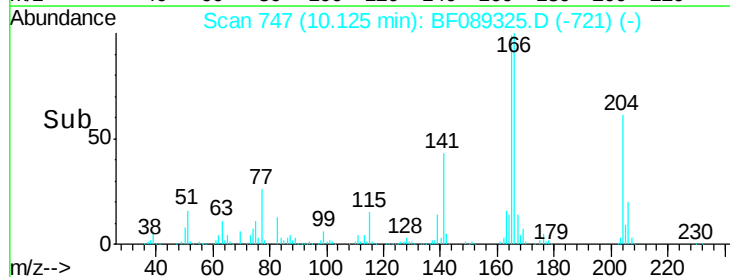
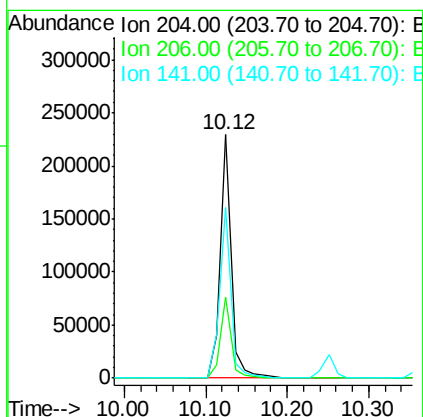
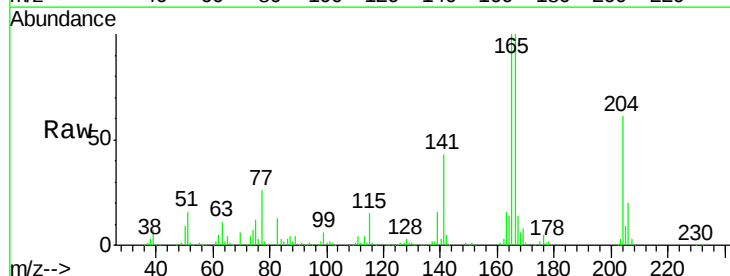
Manual Integrations

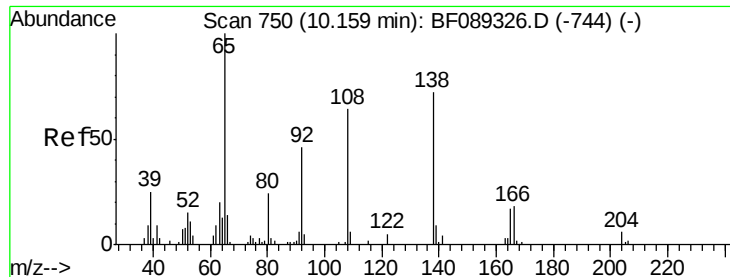
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 76.58 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	70.2	46.6	70.0





#61

4-Nitroaniline

Concen: 67.28 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

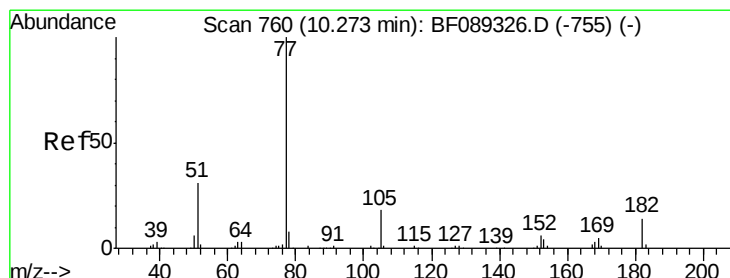
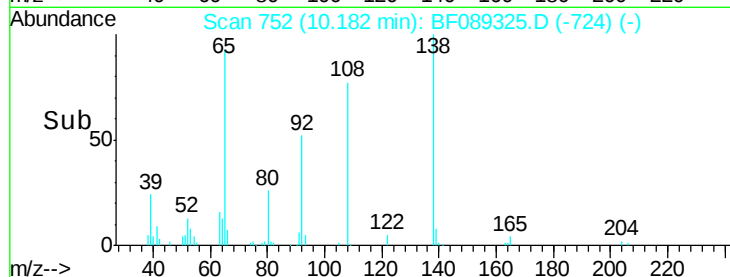
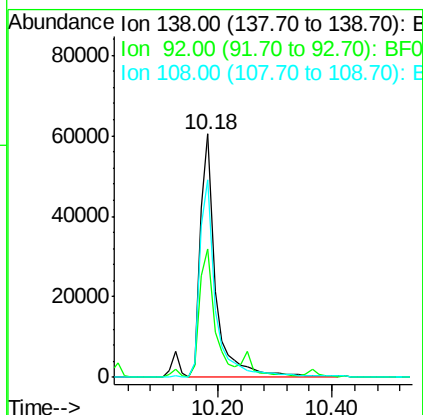
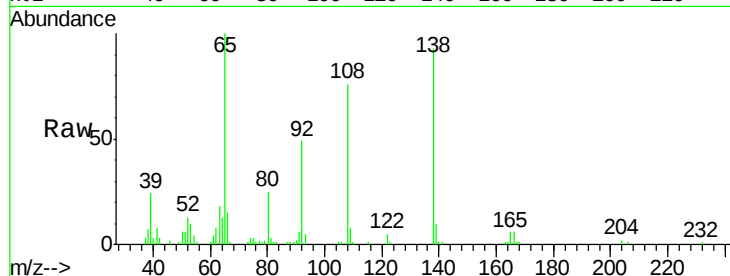
SSTDIC080

Tot Ion	Ion	Ratio	Lower	Upper
138	100			
92	52.9	41.2	81.2	
108	81.3	69.6	109.6	

Manual Integrations

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#62

Azobenzene

Concen: 75.59 ng

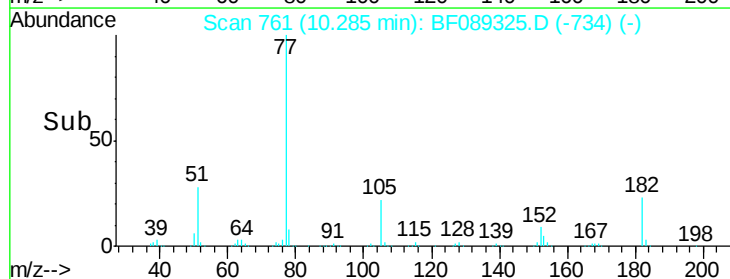
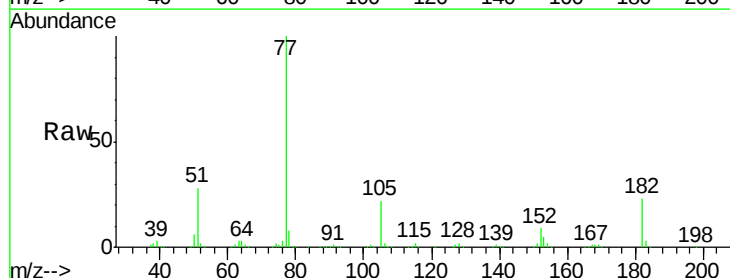
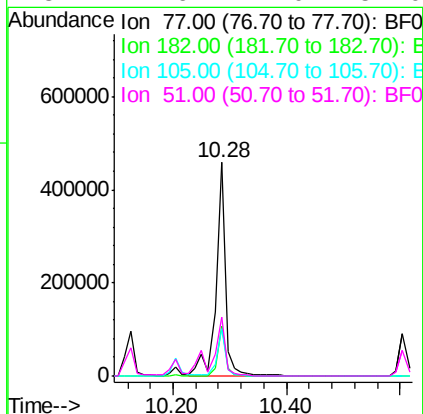
RT: 10.28 min Scan# 761

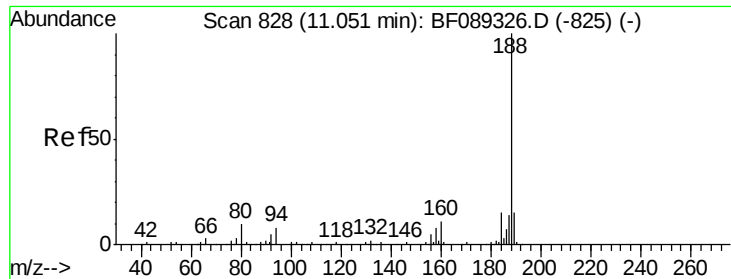
Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.2	0.0	33.8	
105	22.5	0.0	39.8	
51	27.6	11.0	51.0	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:188 Resp: 160567

Ion Ratio Lower Upper

188 100

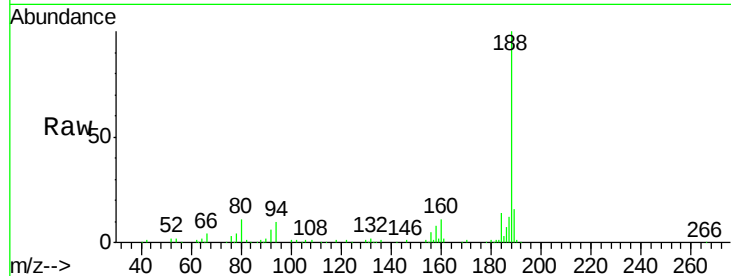
94 9.7 6.5 9.7

80 11.2 7.2 10.8#

Manual Integrations

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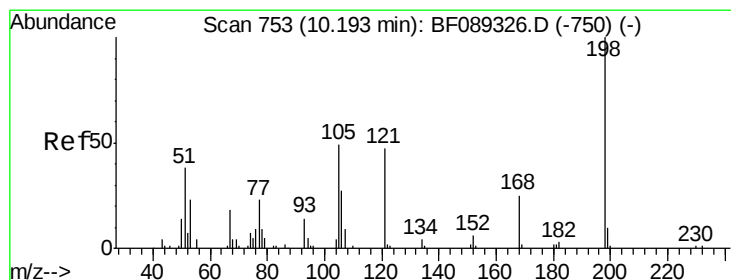
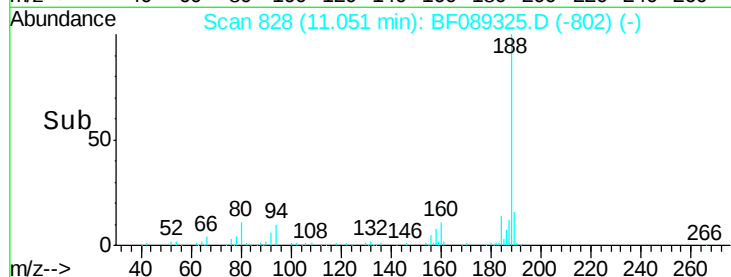
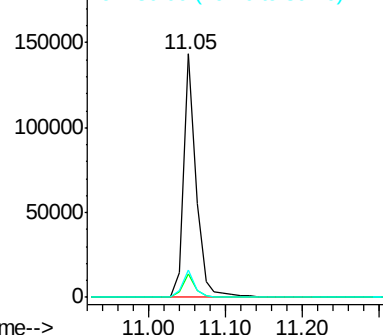
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 87.96 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

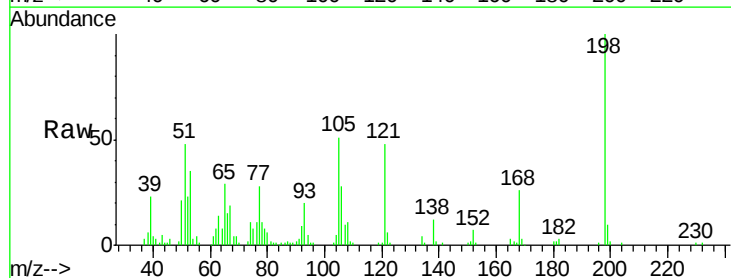
Tgt Ion:198 Resp: 81054

Ion Ratio Lower Upper

198 100

51 48.0 23.0 63.0

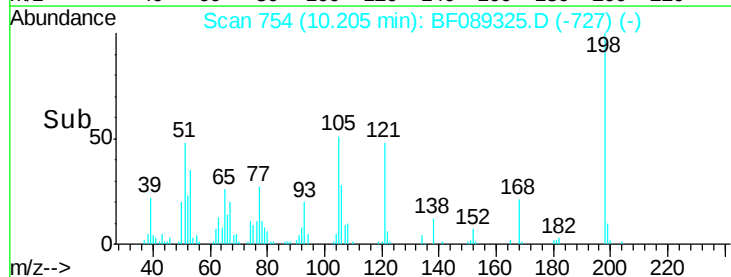
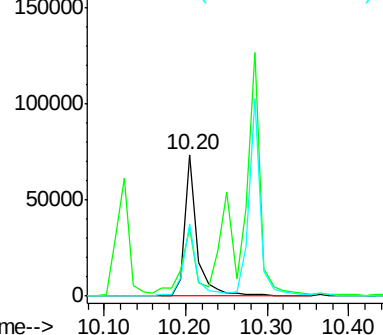
105 50.8 28.3 68.3

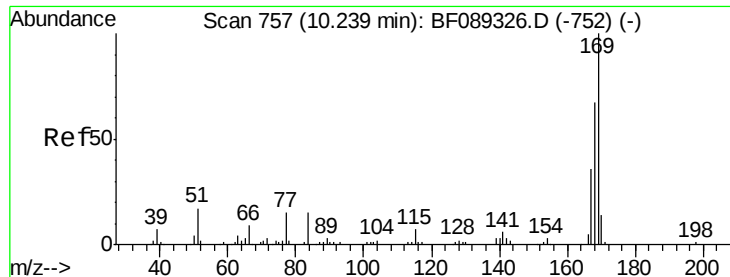


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





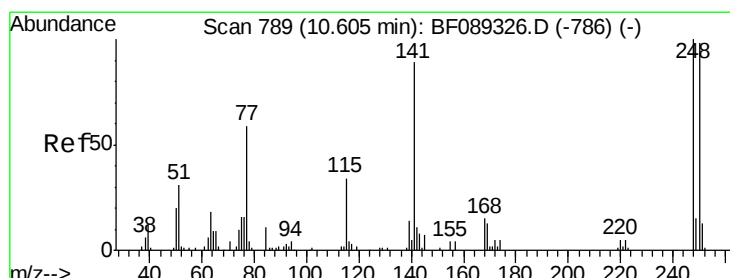
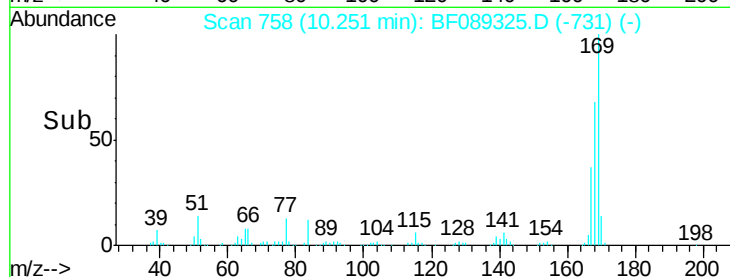
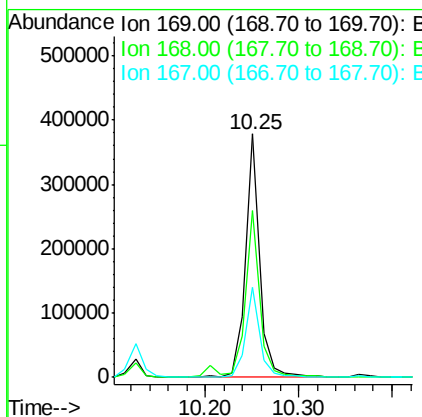
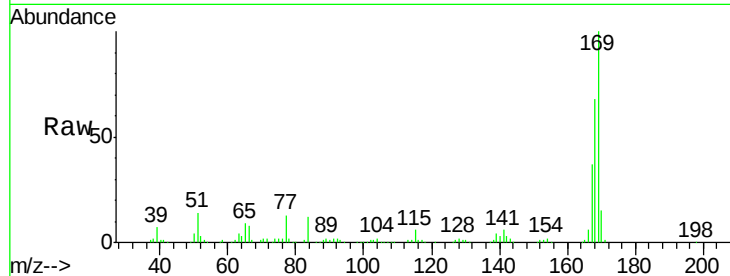
#65
n-Nitrosodiphenylamine
Concen: 74.87 ng
RT: 10.25 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100				
168	68.5	55.4	83.0		
167	37.2	29.7	44.5		

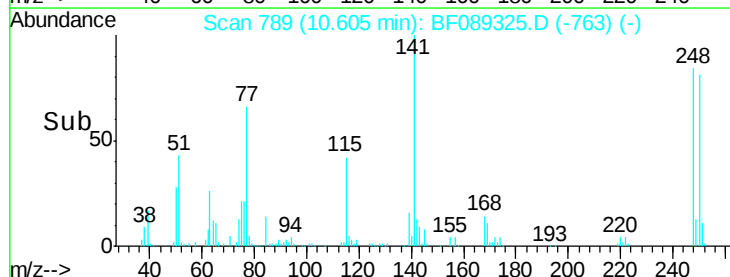
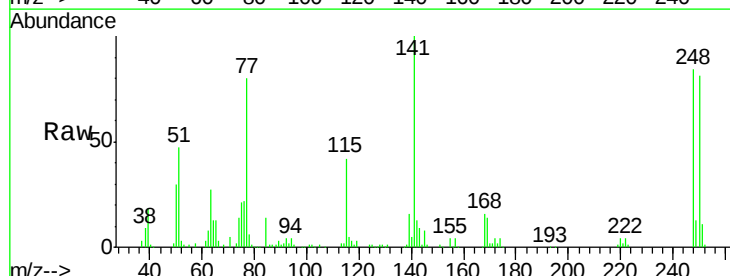
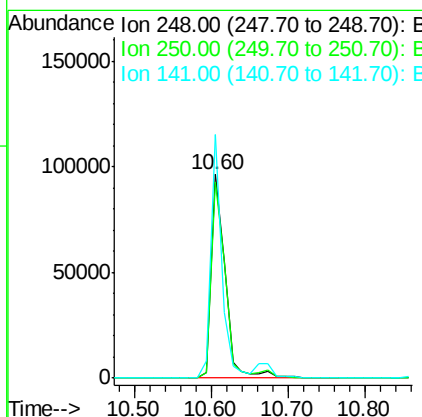
Manual Integrations

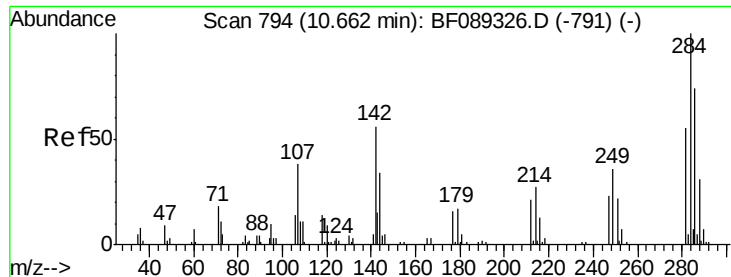
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#66
4-Bromophenyl-phenylether
Concen: 75.53 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100				
250	96.6	78.2	117.2		
141	119.7	62.0	93.0		





#67

Hexachlorobenzene

Concen: 77.89 ng

RT: 10.67 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

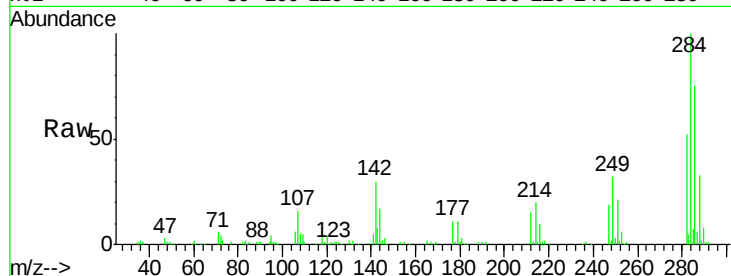
SSTDIC080

Tot Ion:	284	Resp:	131604
Ion Ratio	Lower	Upper	
284	100		
142	29.7	42.2	63.4#
249	31.8	29.4	44.0

Manual Integrations

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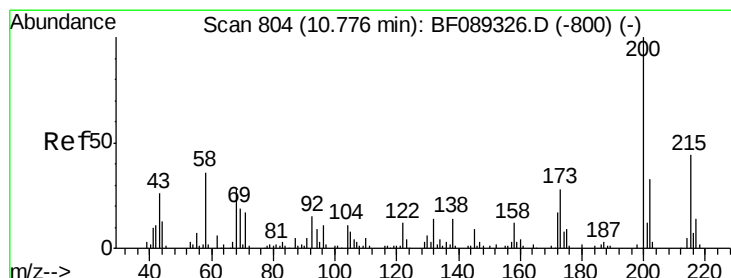
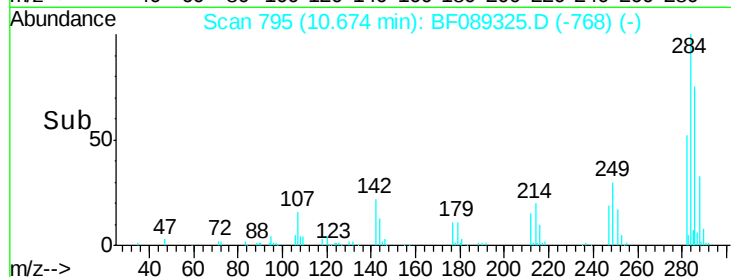
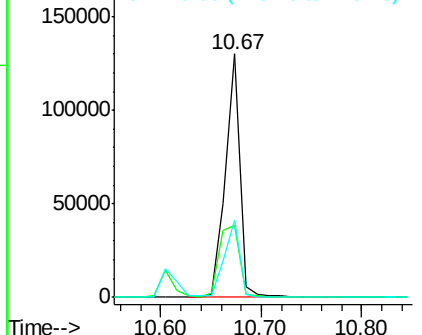
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 76.62 ng

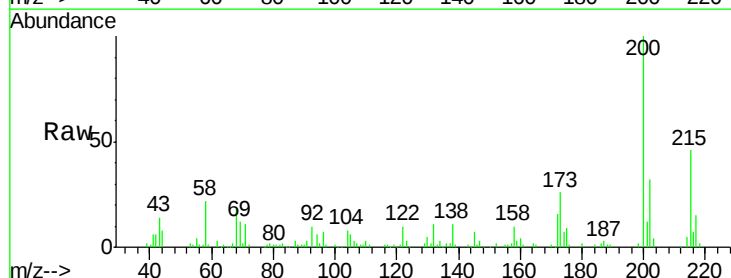
RT: 10.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

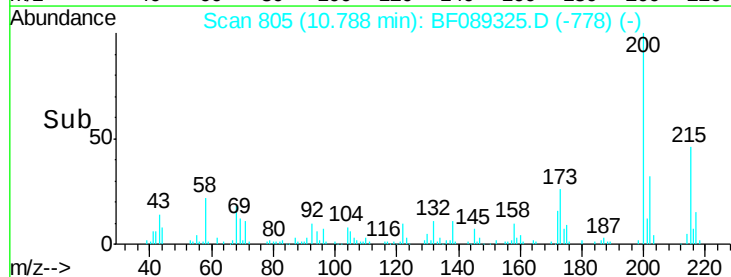
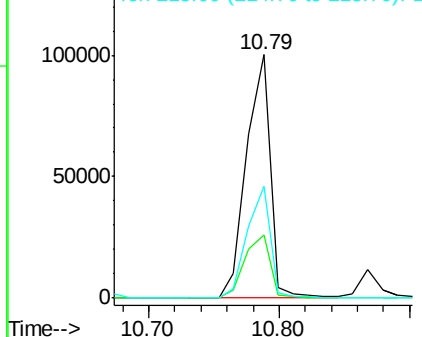
Tgt Ion:	200	Resp:	127942
Ion Ratio	Lower	Upper	
200	100		
173	25.8	6.0	46.0
215	45.7	24.3	64.3

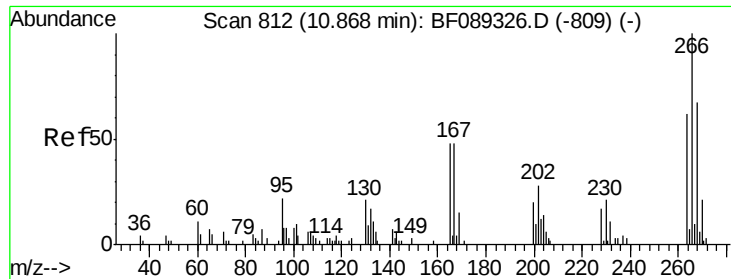


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





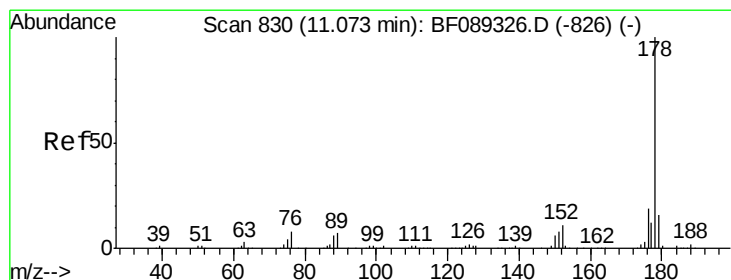
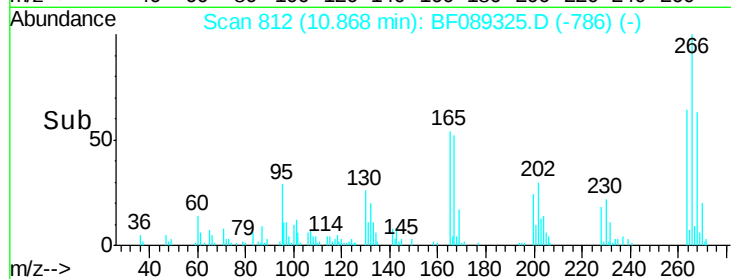
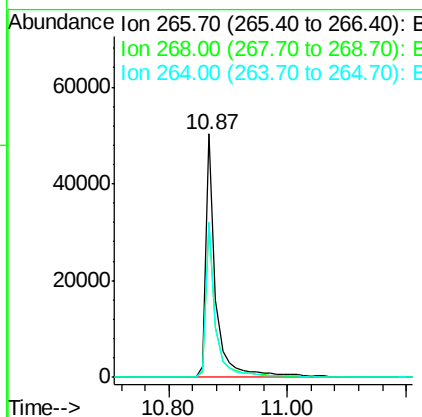
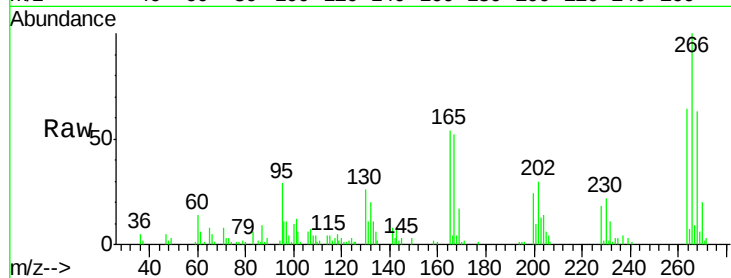
#69
 Pentachlorophenol
 Concen: 80.07 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	49.4	74.2
264	64.0	50.2	75.2

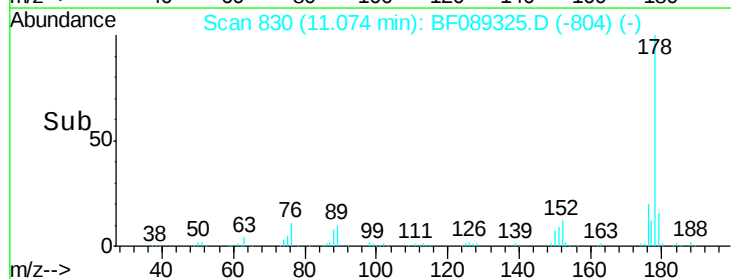
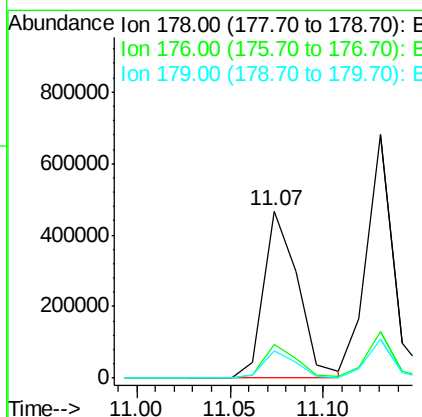
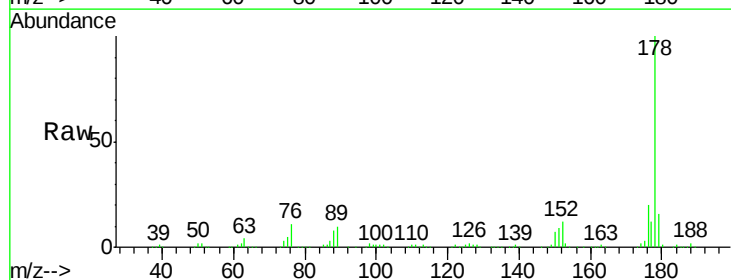
Manual Integrations

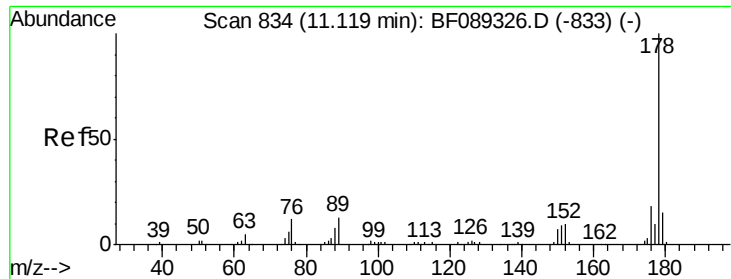
sohil
 7/28/2016 4:55:36 PM



#70
 Phenanthrene
 Concen: 67.08 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	16.0	12.3	18.5





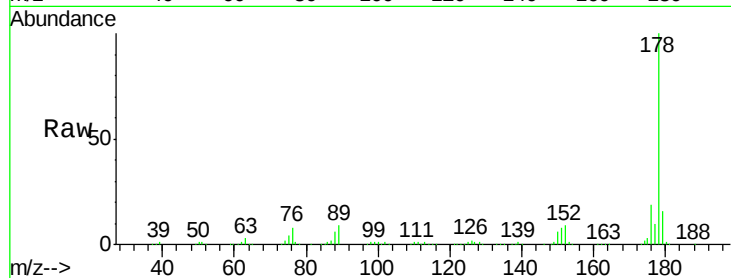
#71
 Anthracene
 Concen: 77.54 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

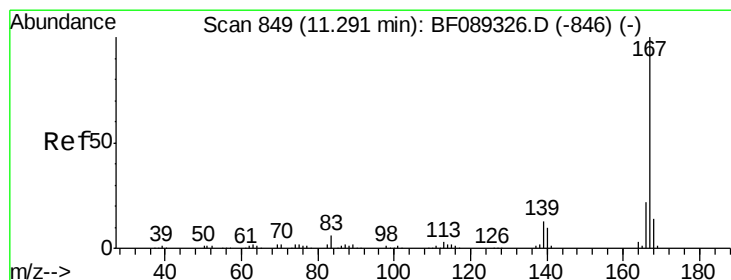
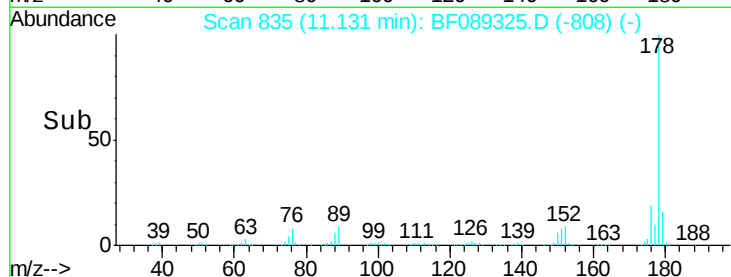
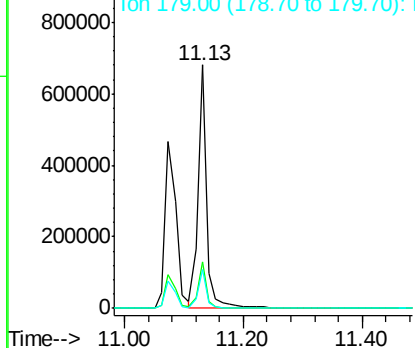
Tot Ion:178 Resp: 704970
 Ion Ratio Lower Upper
 178 100
 176 19.1 14.8 22.2
 179 15.7 12.6 18.8

Manual Integrations

sohil
 7/28/2016 4:55:36 PM

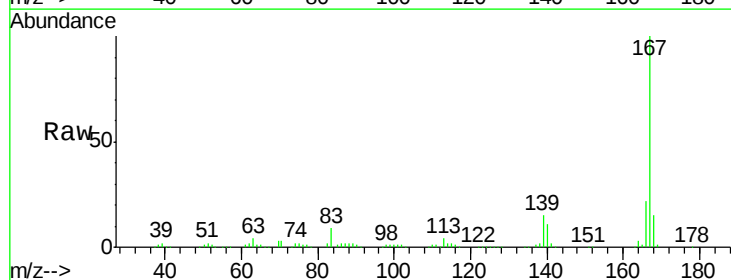


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

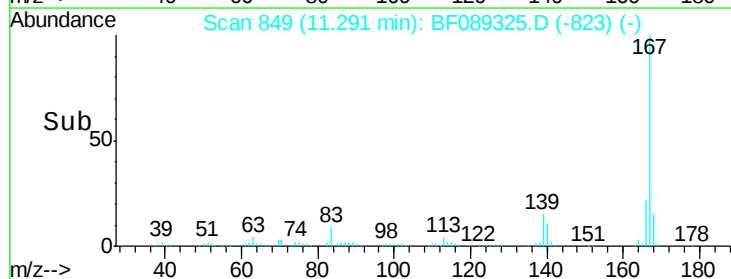
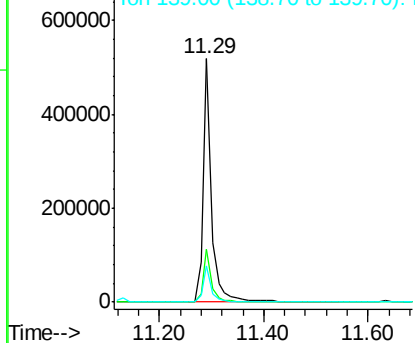


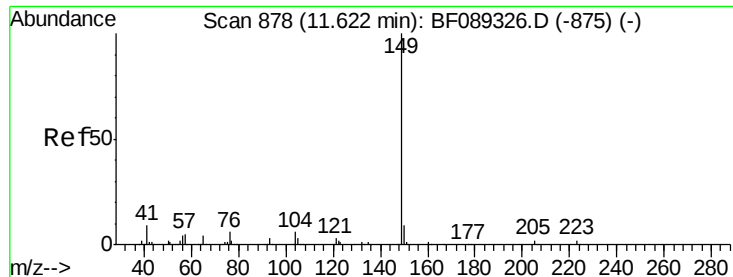
#72
 Carbazole
 Concen: 73.58 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Tgt Ion:167 Resp: 580833
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 14.7 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 85.60 ng

RT: 11.63 min Scan# 879

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampled :

SSTDICC080

Tot Ion:149 Resp: 859704

Ion Ratio Lower Upper

149 100

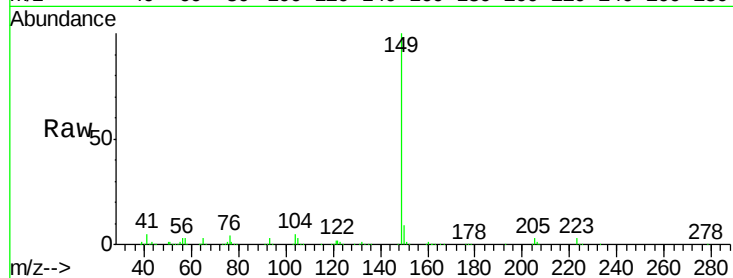
150 9.2 7.4 11.0

104 4.9 4.7 7.1

Manual Integrations

sohil

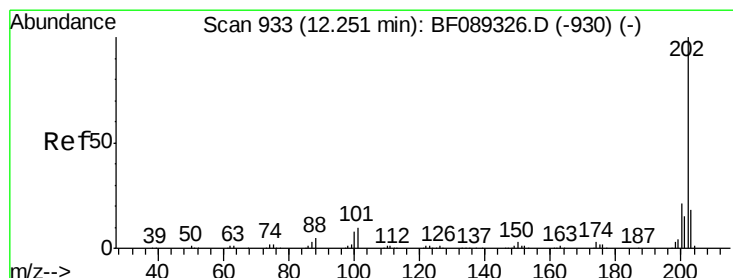
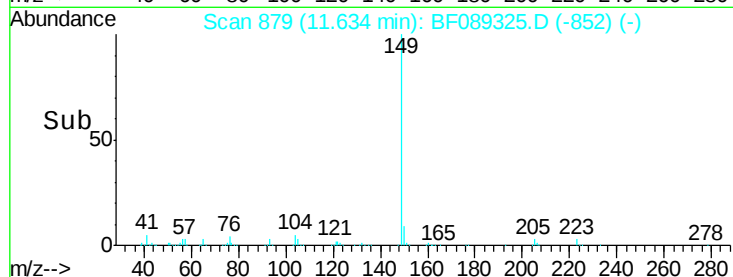
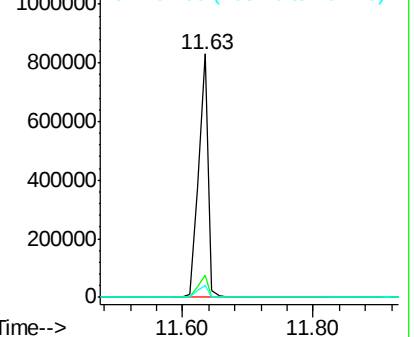
7/28/2016 4:55:36 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 66.24 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

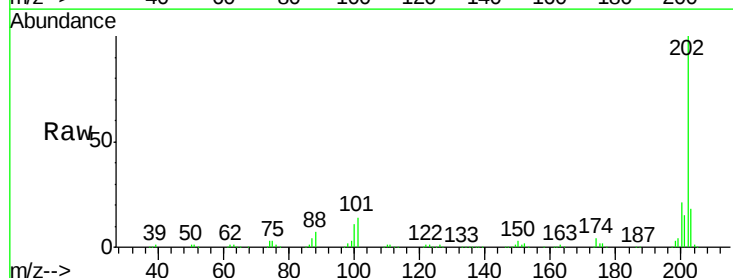
Tgt Ion:202 Resp: 617794

Ion Ratio Lower Upper

202 100

101 14.1 0.0 29.9

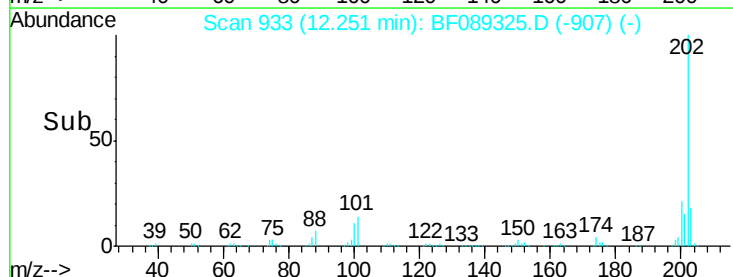
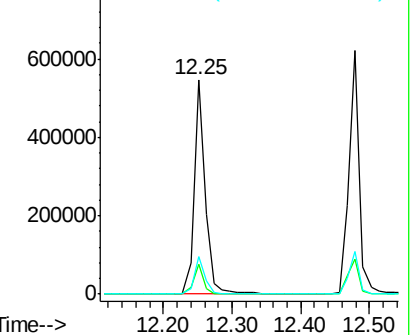
203 17.7 0.0 37.3

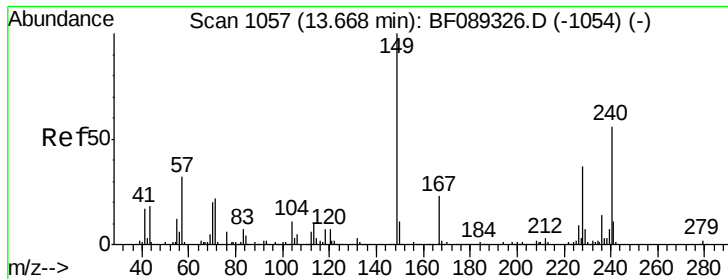


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:240 Resp: 101159

Ion Ratio Lower Upper

240 100

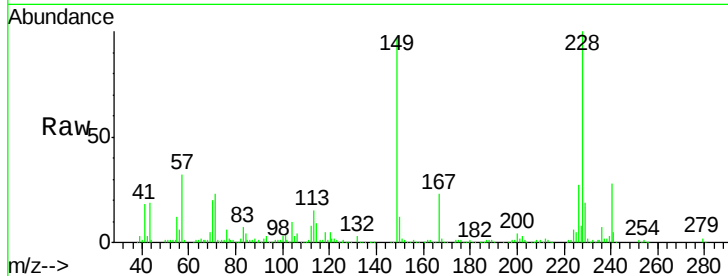
120 16.7 9.1 13.7#

236 25.1 20.6 30.8

Manual Integrations

sohil

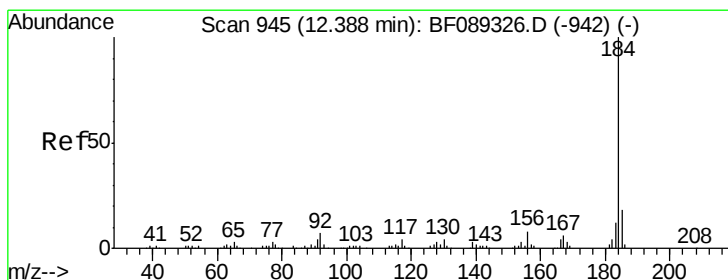
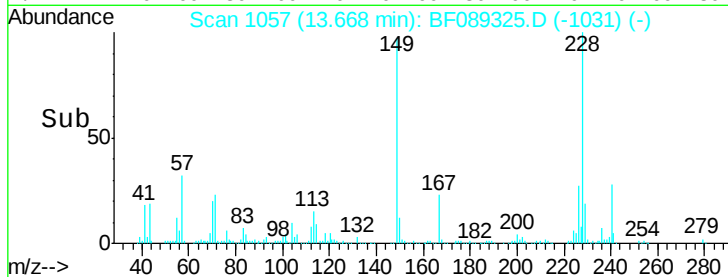
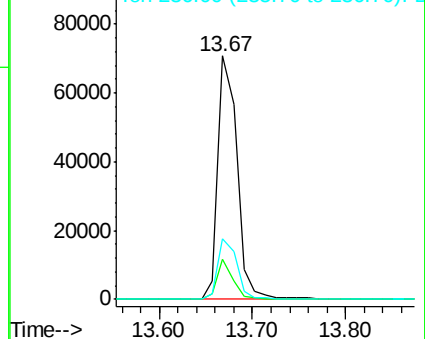
7/28/2016 4:55:36 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 86.94 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

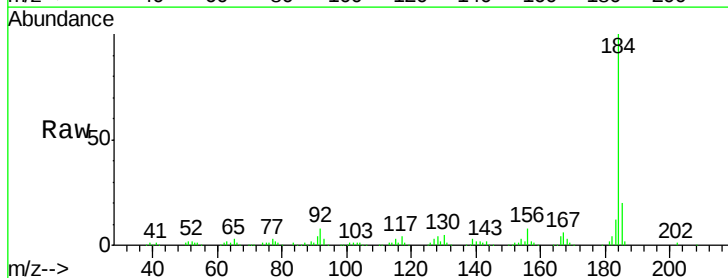
Tgt Ion:184 Resp: 304568

Ion Ratio Lower Upper

184 100

185 19.7 13.5 20.3

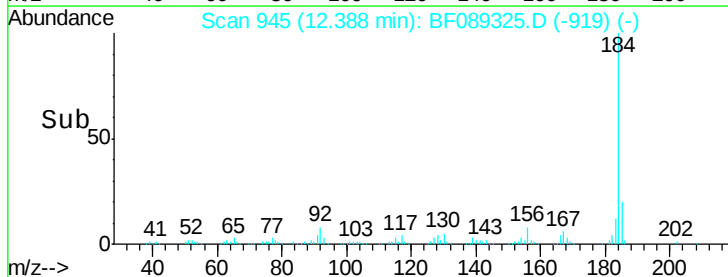
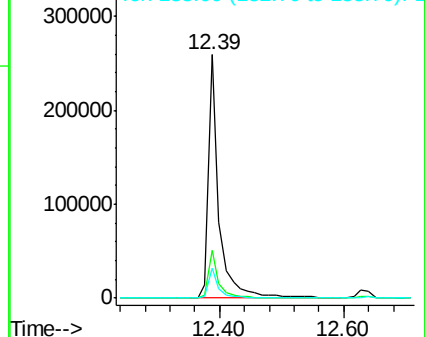
183 12.1 9.8 14.6

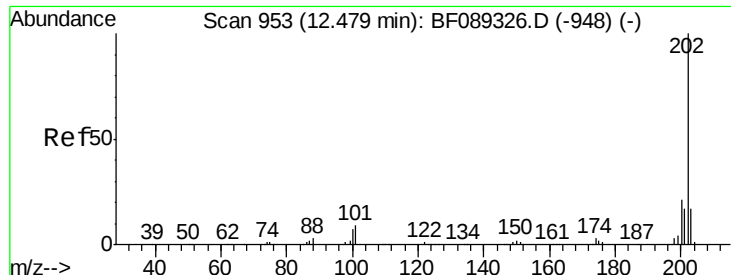


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





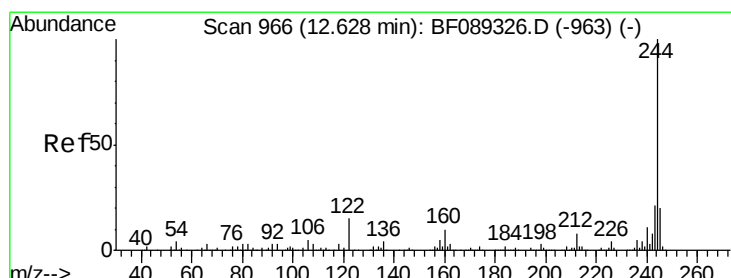
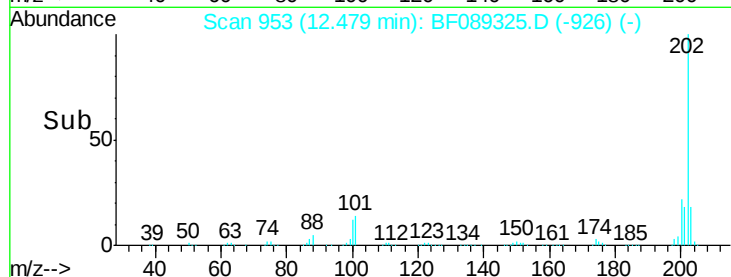
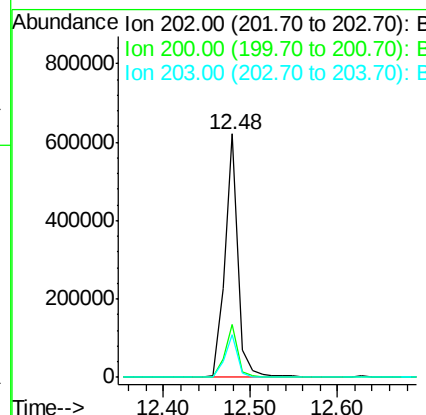
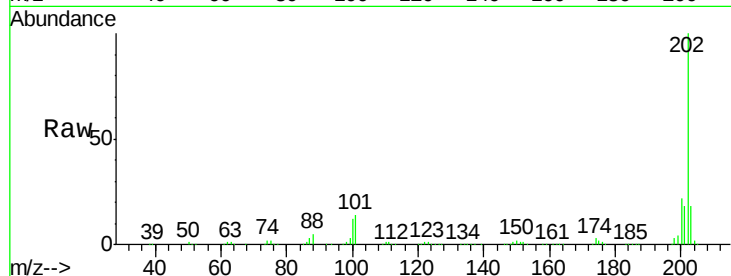
#77
Pvrene
Concen: 80.44 ng
RT: 12.48 min Scan# 953
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	17.6	14.0	21.0

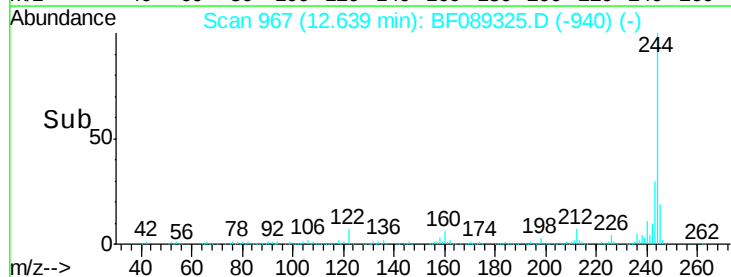
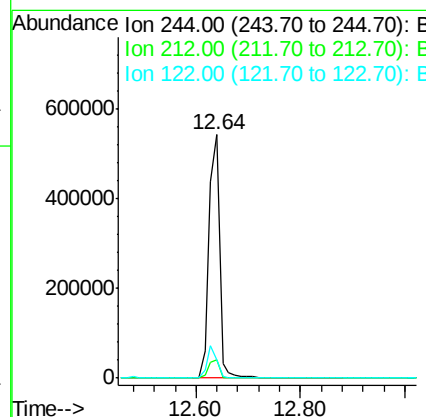
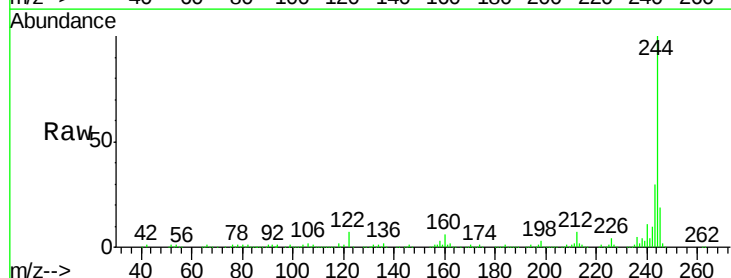
Manual Integrations

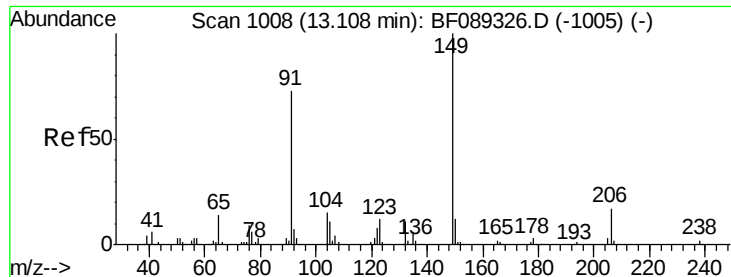
sohil
7/28/2016 4:55:36 PM



#78
Terphenyl-d14
Concen: 164.68 ng
RT: 12.64 min Scan# 967
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	7.3	11.4	17.0





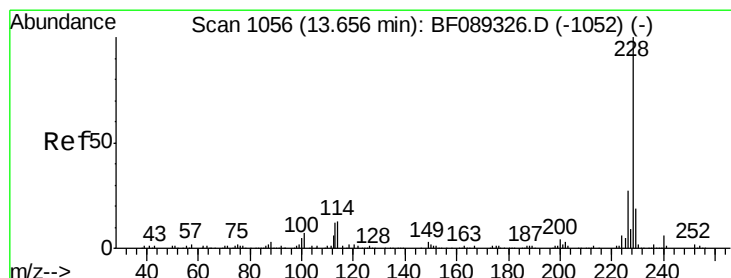
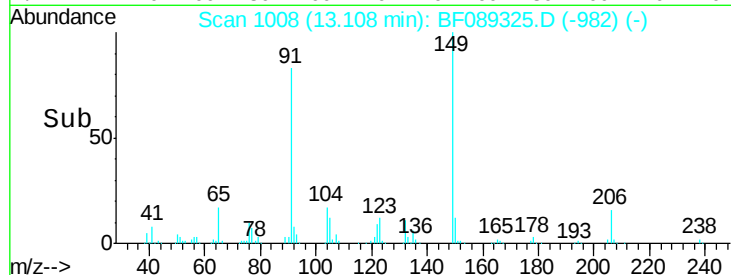
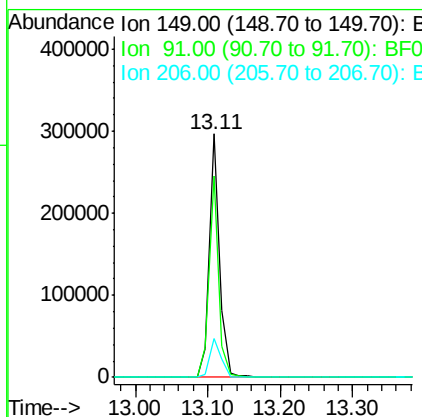
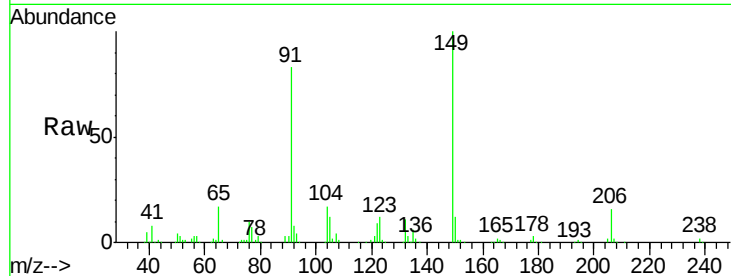
#79
Butylbenzylphthalate
Concen: 82.42 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
149	100	291807		
91	82.9	58.5	87.7	
206	16.0	13.8	20.8	

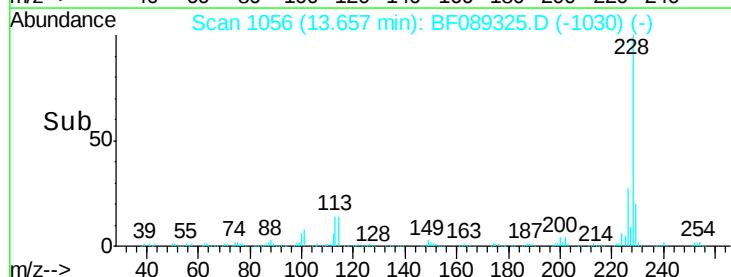
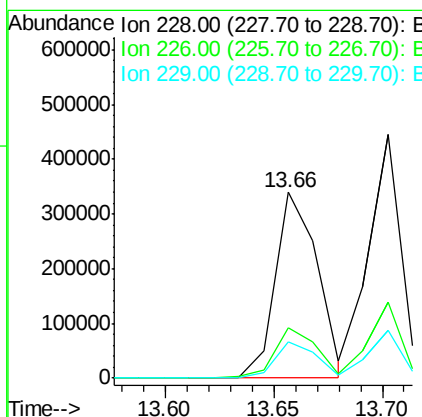
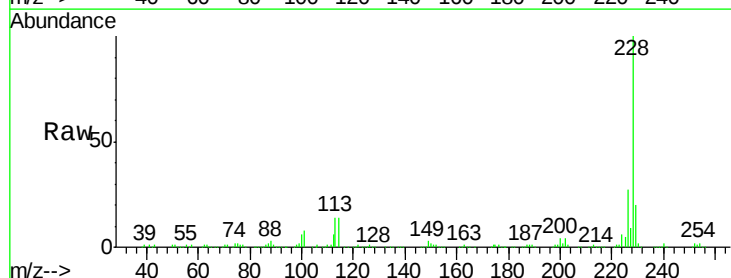
Manual Integrations

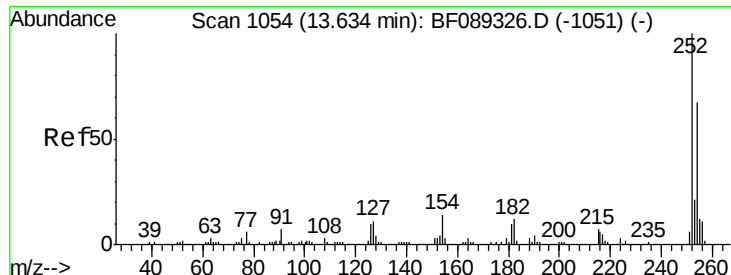
sohil
7/28/2016 4:55:36 PM



#80
Benzo(a)anthracene
Concen: 72.34 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	460408		
226	27.1	21.4	32.2	
229	19.7	15.9	23.9	





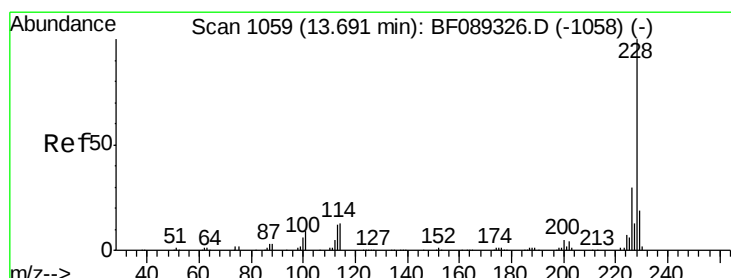
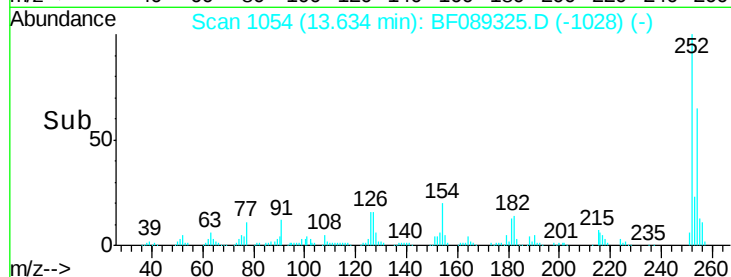
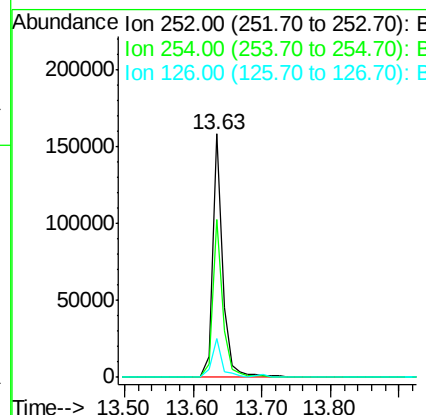
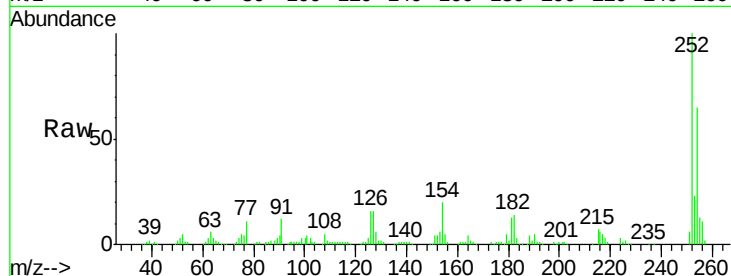
#81
 3,3'-Dichlorobenzidine
 Concen: 78.06 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.5	78.7
126	16.0	7.4	11.2

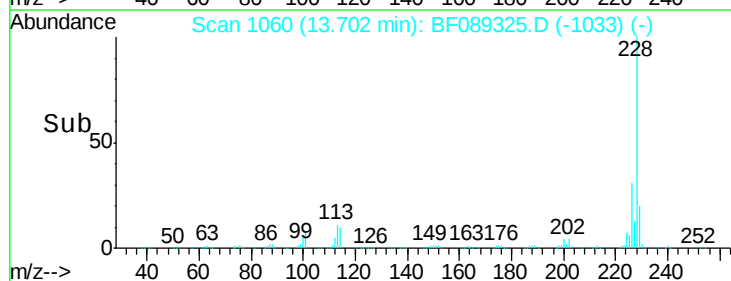
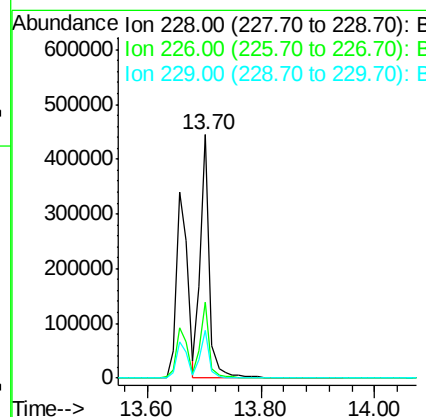
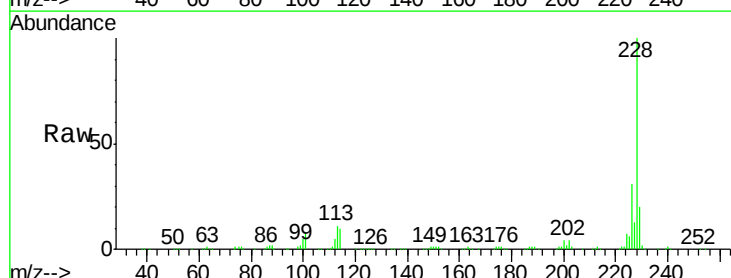
Manual Integrations

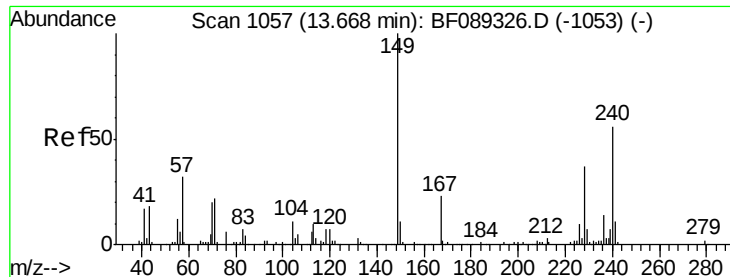
sohil
 7/28/2016 4:55:36 PM



#82
 Chrysene
 Concen: 82.30 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.2
229	19.7	15.9	23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 93.91 ng

RT: 13.68 min Scan# 1058

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:149 Resp: 443899

Ion Ratio Lower Upper

149 100

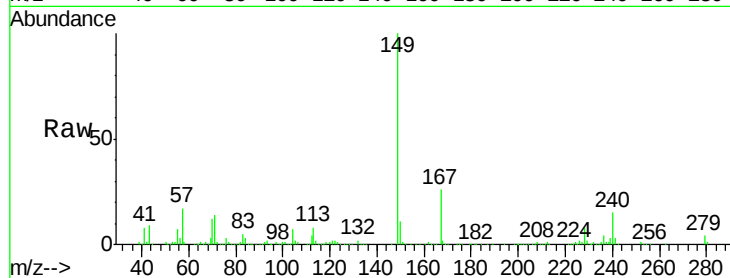
167 26.4 18.8 28.2

279 3.7 1.4 2.0#

Manual Integrations

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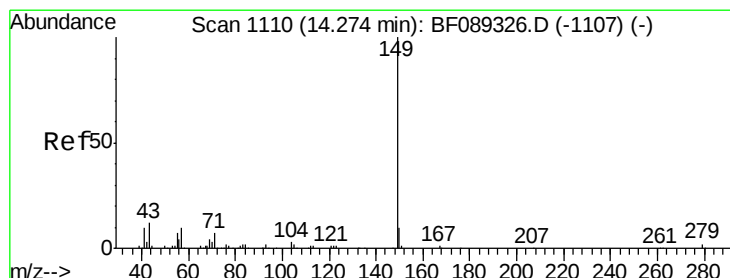
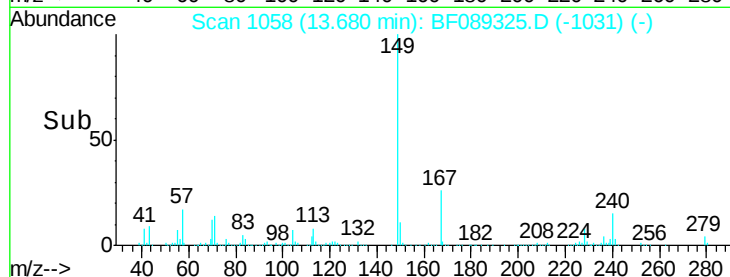
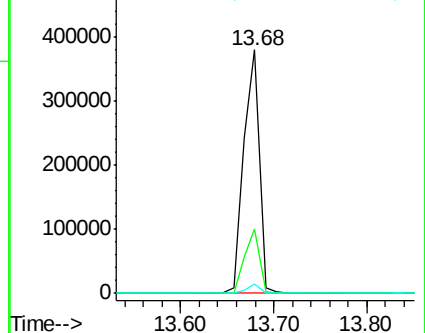
7/28/2016 4:55:36 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 87.10 ng

RT: 14.29 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

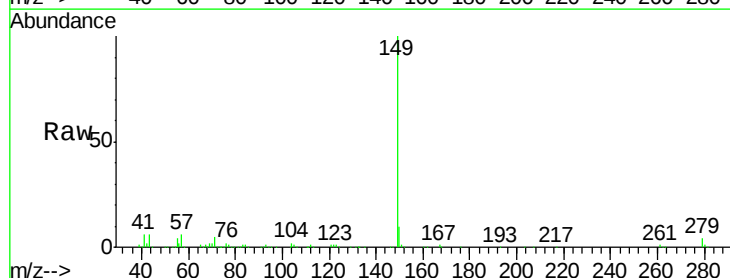
Tgt Ion:149 Resp: 671851

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

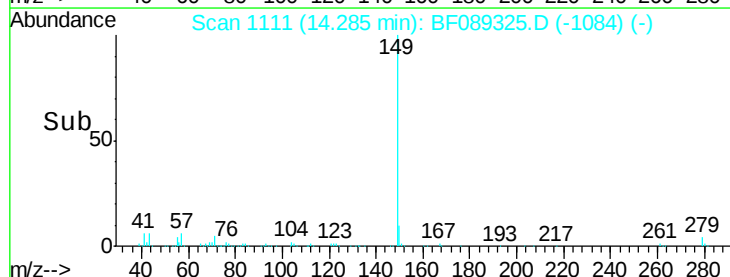
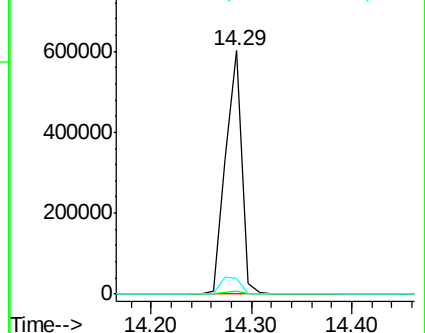
43 8.7 7.3 10.9

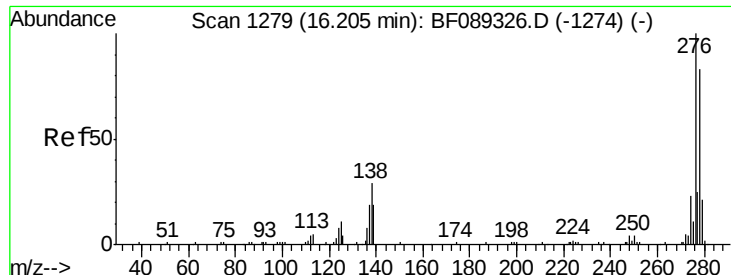


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





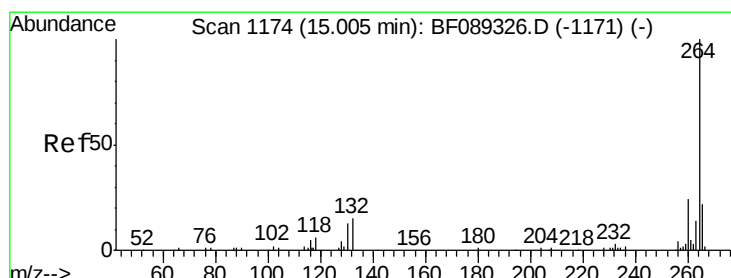
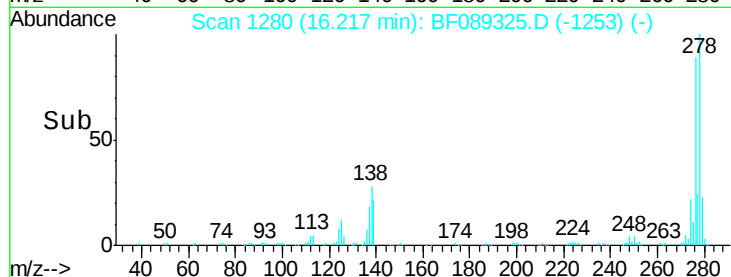
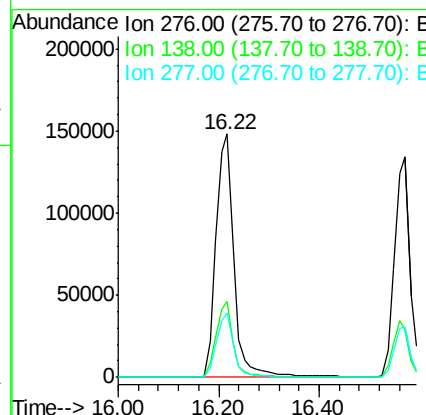
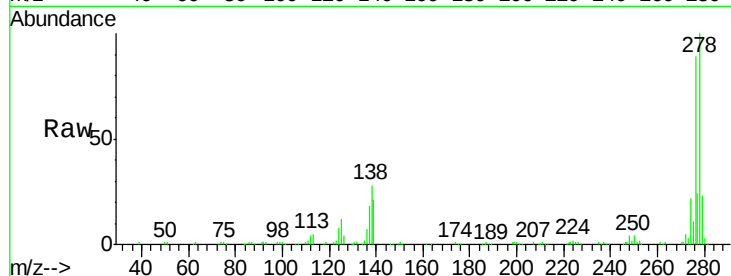
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 83.74 ng
 RT: 16.22 min Scan# 1280
 Delta R.T. 0.01 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.5	23.0	34.4
277	25.3	20.2	30.4

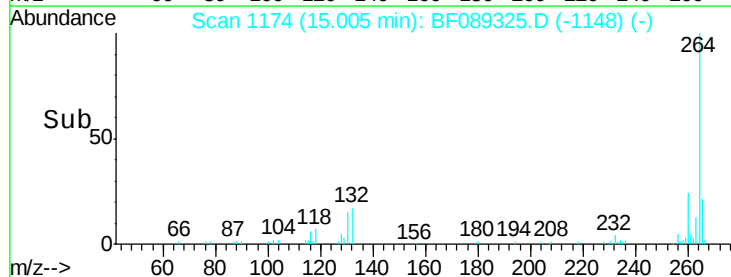
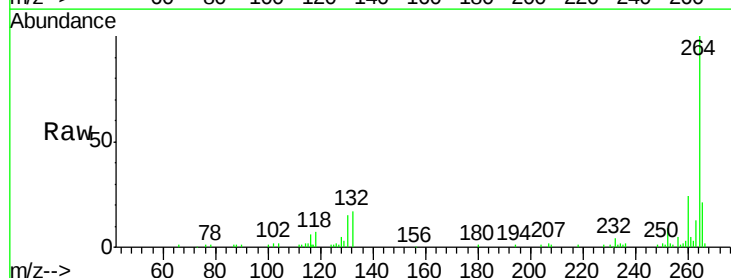
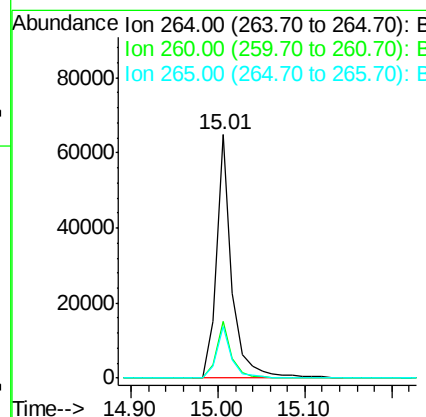
Manual Integrations

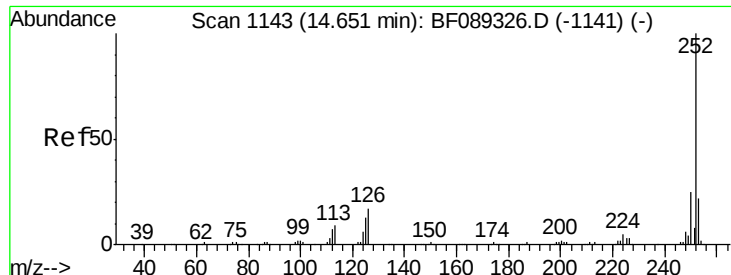
sohil
 7/28/2016 4:55:36 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF089325.D
 Acq: 27 Jul 2016 12:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 84.09 ng m

RT: 14.65 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Instrument :

BNA_F

ClientSampleId :

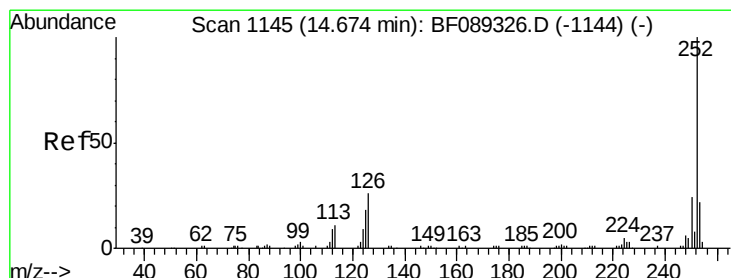
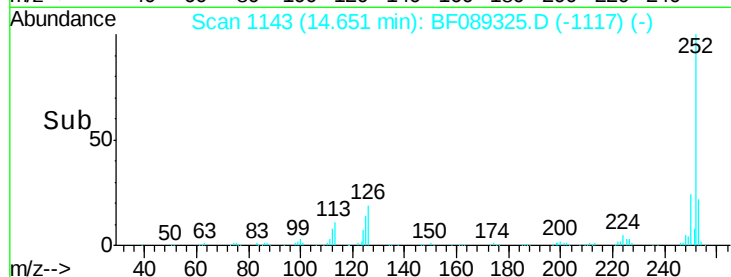
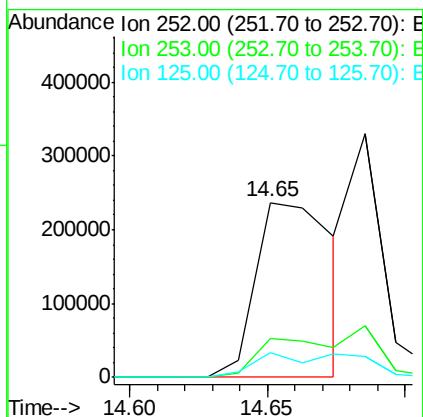
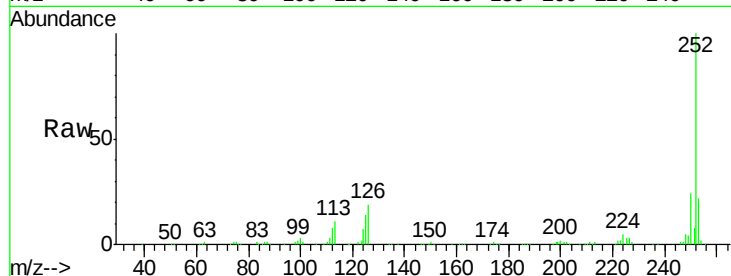
SSTDIC080

Tot Ion:252	Resp:	467271
Ion Ratio	Lower	Upper
252	100	
253	22.2	17.2 25.8
125	14.4	9.7 14.5

Manual Integrations

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7/28/2016 4:55:36 PM



#88

Benzo(k)fluoranthene

Concen: 64.20 ng m

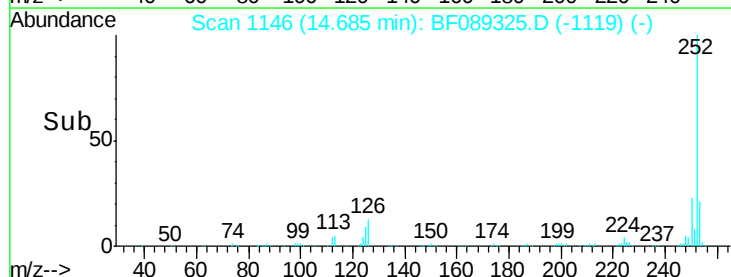
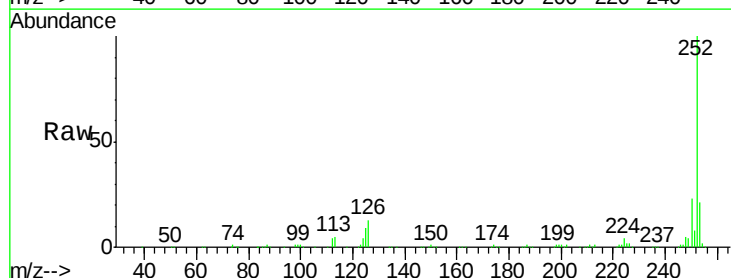
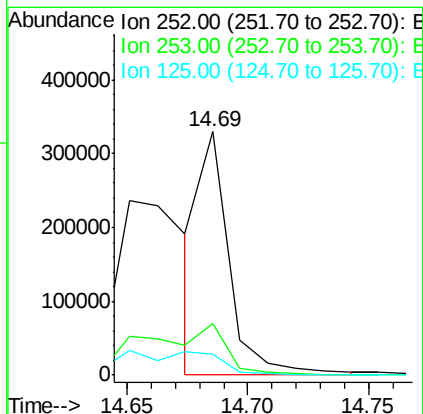
RT: 14.69 min Scan# 1146

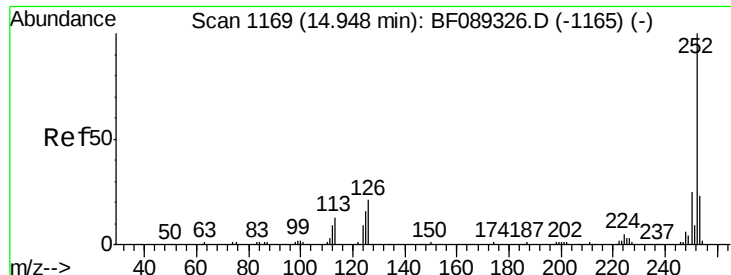
Delta R.T. 0.01 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Tgt Ion:252	Resp:	283842
Ion Ratio	Lower	Upper
252	100	
253	21.4	17.8 26.8
125	8.8	10.7 16.1#





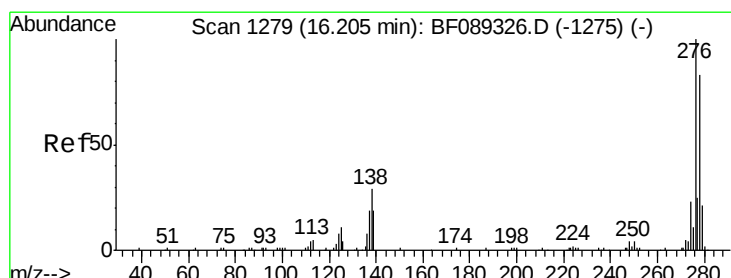
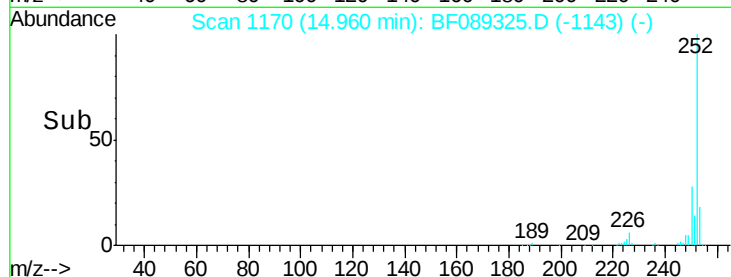
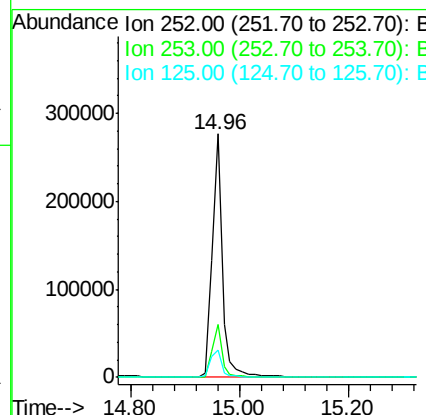
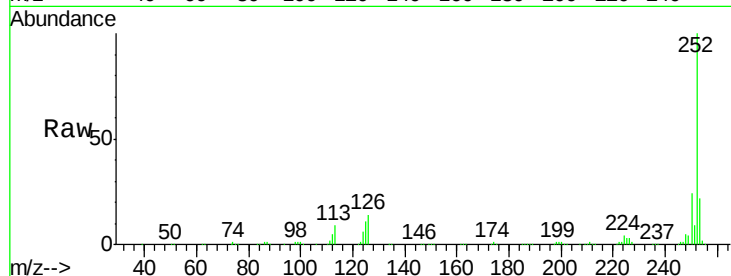
#89
Benzo(a)pyrene
Concen: 77.96 ng
RT: 14.96 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	11.1	12.4	18.6

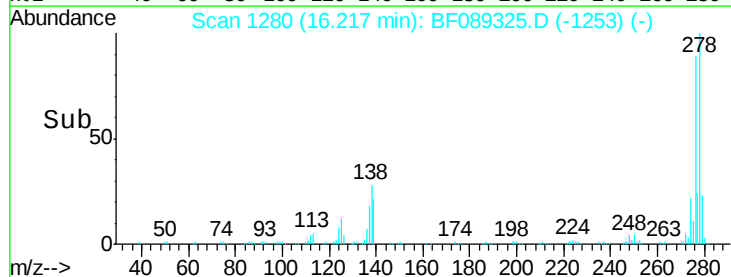
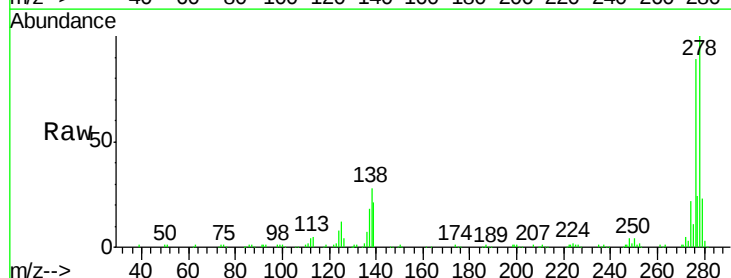
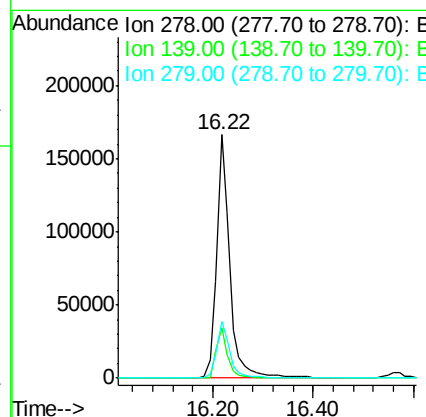
Manual Integrations

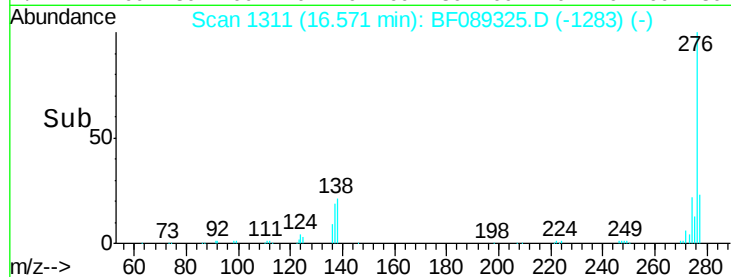
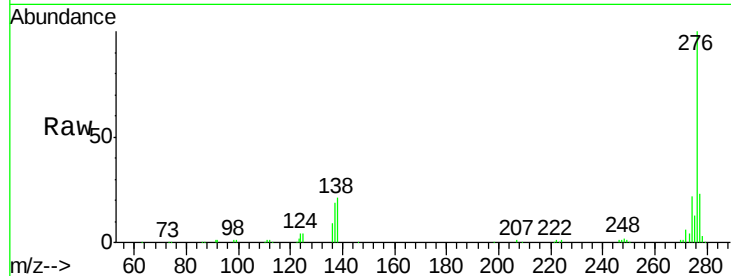
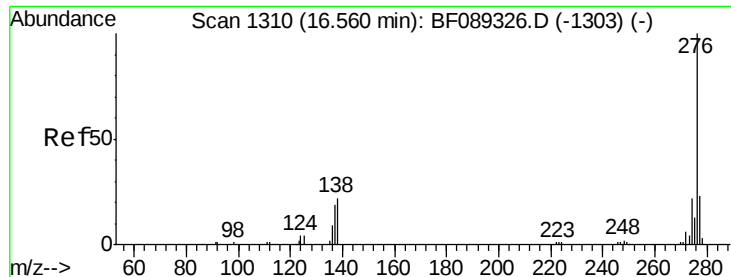
sohil
7/28/2016 4:55:36 PM



#90
Dibenzo(a,h)anthracene
Concen: 84.66 ng
RT: 16.22 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF089325.D
Acq: 27 Jul 2016 12:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.6	16.3	24.5
279	23.3	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 84.40 ng

RT: 16.57 min Scan# 1311

Delta R.T. 0.02 min

Lab File: BF089325.D

Acq: 27 Jul 2016 12:22

Tot Ion:	276	Resp:	304831
Ion Ratio	Lower	Upper	
276	100		
277	22.9	18.6	28.0
138	21.5	21.4	32.0

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Manual Integrations

sohil

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