

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089321.D
 Acq On : 27 Jul 2016 10:26
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Manual Integrations

sohil
 7/28/2016 4:55:08 PM

Quant Time: Jul 27 12:47:01 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	42732	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	187720	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	90602	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	168675	20.00	ng	0.00
75) Chrysene-d12	13.67	240	135673	20.00	ng	0.00
86) Perylene-d12	15.01	264	110461	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.11	112	131909	47.19	ng	0.00
7) Phenol-d6	6.19	99	182038	50.17	ng	-0.01
23) Nitrobenzene-d5	7.12	82	164692	46.95	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	38552	47.21	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	318437	49.04	ng	0.00
78) Terphenyl-d14	12.63	244	297161	47.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	31145	25.92	ng	91
3) Pyridine	2.57	79	61556	20.14	ng	98
4) n-Nitrosodimethylamine	2.55	42	19541	15.59	ng	96
6) Aniline	6.20	93	101649	21.25	ng	96
8) 2-Chlorophenol	6.33	128	77714	24.83	ng	100
9) Benzaldehyde	6.09	77	41653	21.84	ng	96
10) Phenol	6.22	94	102330	24.64	ng	96
11) bis(2-Chloroethyl)ether	6.28	93	83113	26.51	ng	91
12) 1,3-Dichlorobenzene	6.48	146	82106	23.89	ng	97
13) 1,4-Dichlorobenzene	6.56	146	90694	25.91	ng	99
14) 1,2-Dichlorobenzene	6.71	146	81907m	25.21	ng	
15) Benzyl Alcohol	6.71	79	55496	21.53	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.83	45	91720	25.56	ng	91
17) 2-Methylphenol	6.82	107	58336	24.03	ng	98
18) Hexachloroethane	7.05	117	33754	25.74	ng	96
19) n-Nitroso-di-n-propylamine	6.97	70	58152	24.97	ng	# 90
20) 3+4-Methylphenols	6.98	107	75081	22.80	ng	96
22) Acetophenone	6.97	105	112227	22.77	ng	# 96
24) Nitrobenzene	7.14	77	87760	23.81	ng	99
25) Isophorone	7.37	82	155790	24.06	ng	94
26) 2-Nitrophenol	7.45	139	39790	23.09	ng	# 70
27) 2,4-Dimethylphenol	7.51	122	69905	24.07	ng	99
28) bis(2-Chloroethoxy)methane	7.60	93	95581	24.05	ng	99
29) 2,4-Dichlorophenol	7.70	162	61308	23.38	ng	99
30) 1,2,4-Trichlorobenzene	7.78	180	66955	23.16	ng	99
31) Naphthalene	7.85	128	255149	25.41	ng	99
32) Benzoic acid	7.64	122	38975	18.09	ng	97
33) 4-Chloroaniline	7.92	127	89437	21.58	ng	99
34) Hexachlorobutadiene	7.98	225	38750	23.99	ng	97
35) Caprolactam	8.27	113	17803	22.11	ng	96
36) 4-Chloro-3-methylphenol	8.41	107	68815	21.77	ng	95
37) 2-Methylnaphthalene	8.55	142	138000	21.92	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	78918	23.64	ng	99
40) Hexachlorocyclopentadiene	8.70	237	15049	17.25	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	36850	20.18	nq	95
43) 2,4,5-Trichlorophenol	8.88	196	50483	27.01	nq	98
45) 1,1'-Biphenyl	9.00	154	194532	24.01	nq	99
46) 2-Chloronaphthalene	9.03	162	150315	24.42	nq	97
47) 2-Nitroaniline	9.13	65	44533	21.43	nq	# 65
48) Acenaphthylene	9.44	152	231434	23.75	nq	99
49) Dimethylphthalate	9.31	163	167423	24.30	nq	98
50) 2,6-Dinitrotoluene	9.38	165	35115	22.70	nq	89
51) Acenaphthene	9.61	154	135069	23.57	nq	100
52) 3-Nitroaniline	9.55	138	39706	22.09	nq	97
53) 2,4-Dinitrophenol	9.67	184	8340	14.05	nq	96
54) Dibenzofuran	9.78	168	185052	23.97	nq	98
55) 4-Nitrophenol	9.74	139	13710m	13.19	nq	
56) 2,4-Dinitrotoluene	9.78	165	51010	25.42	nq	# 82
57) Fluorene	10.12	166	156109	24.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	30581m	22.71	nq	
59) Diethylphthalate	10.01	149	182041	26.51	nq	99
60) 4-Chlorophenyl-phenylether	10.12	204	71542	23.91	nq	99
61) 4-Nitroaniline	10.16	138	37740	21.15	nq	92
62) Azobenzene	10.27	77	178877	24.00	nq	99
64) 4,6-Dinitro-2-methylphenol	10.19	198	21477	22.19	nq	95
65) n-Nitrosodiphenylamine	10.24	169	140659	24.98	nq	98
66) 4-Bromophenyl-phenylether	10.60	248	42976	25.71	nq	98
67) Hexachlorobenzene	10.66	284	42118	23.73	nq	95
68) Atrazine	10.78	200	40645	23.17	nq	97
69) Pentachlorophenol	10.87	266	15368	19.33	nq	97
70) Phenanthrene	11.07	178	224926	24.18	nq	100
71) Anthracene	11.12	178	249455	26.12	nq	99
72) Carbazole	11.29	167	208592	25.15	nq	99
73) Di-n-butylphthalate	11.62	149	266083	25.22	nq	100
74) Fluoranthene	12.25	202	246091	25.12	nq	99
76) Benzidine	12.39	184	123130	26.21	nq	97
77) Pyrene	12.47	202	240255	21.92	nq	99
79) Butylbenzylphthalate	13.11	149	120815	25.44	nq	99
80) Benzo(a)anthracene	13.66	228	201239	23.57	nq	99
81) 3,3'-Dichlorobenzidine	13.63	252	71311	25.44	nq	99
82) Chrysene	13.69	228	198315	24.51	nq	98
83) Bis(2-ethylhexyl)phthalate	13.67	149	163634	25.81	nq	99
84) Di-n-octyl phthalate	14.27	149	265479	25.66	nq	100
85) Indeno(1,2,3-cd)pyrene	16.19	276	147635	25.02	nq	100
87) Benzo(b)fluoranthene	14.65	252	167373m	22.06	nq	
88) Benzo(k)fluoranthene	14.67	252	167153m	27.69	nq	
89) Benzo(a)pyrene	14.95	252	155662	25.06	nq	99
90) Dibenzo(a,h)anthracene	16.21	278	124679	25.46	nq	97
91) Benzo(g,h,i)perylene	16.55	276	118088	23.94	nq	97

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

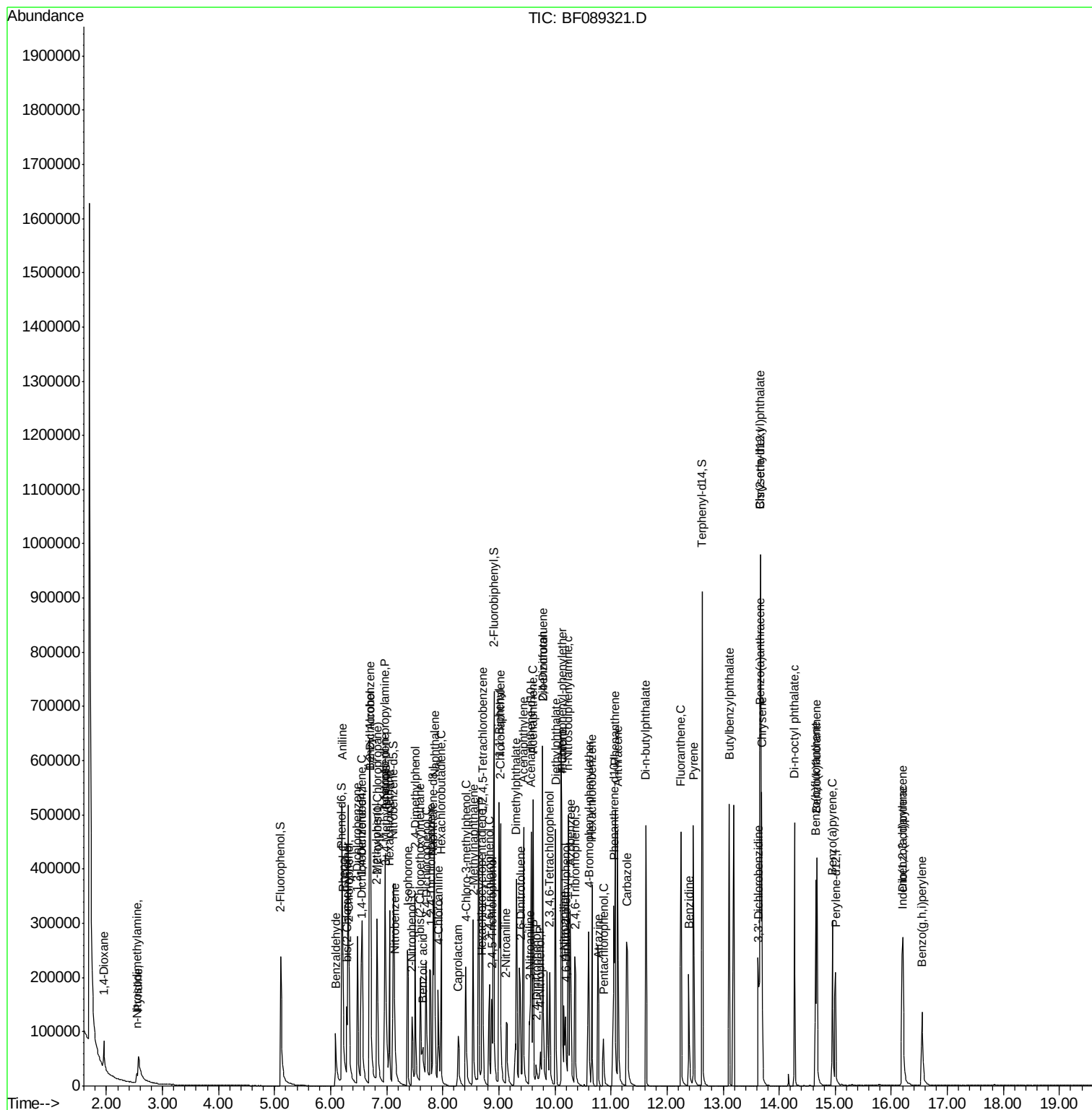
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Operator  : UM/SJ  
Sample    : SSTDICC025  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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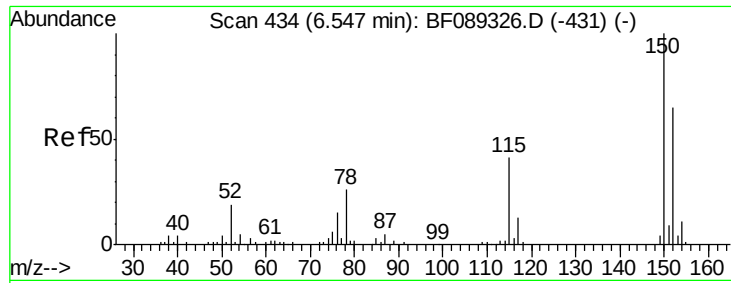
Instrument :
BNA_F
ClientSampleId :
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Manual Integrations

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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: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:152 Resp: 42732

Ion Ratio Lower Upper

152 100

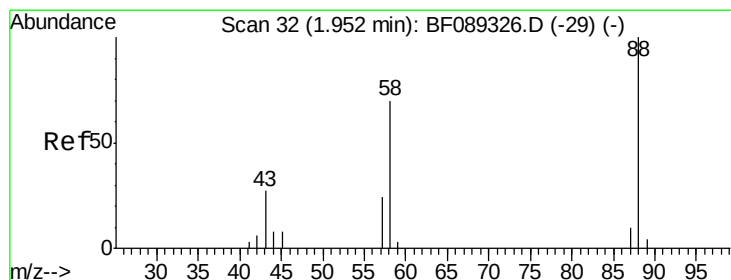
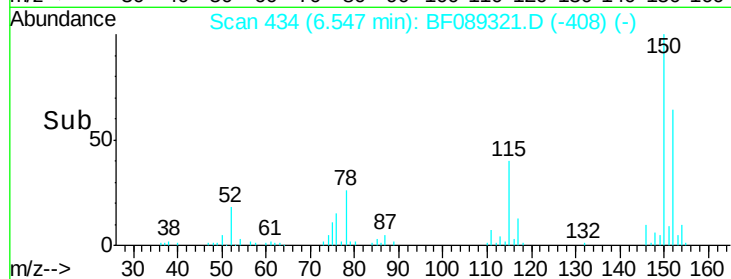
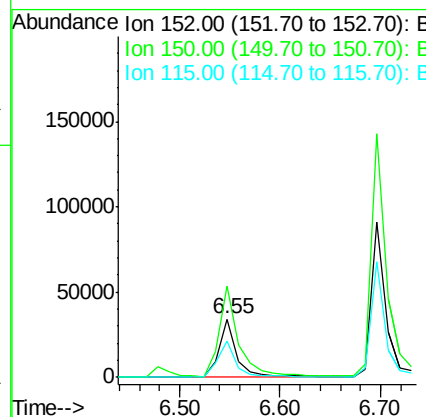
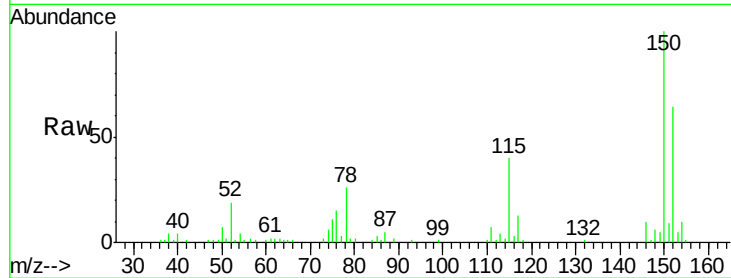
150 155.5 129.5 194.3

115 61.8 51.4 77.2

Manual Integrations

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#2

1,4-Dioxane

Concen: 25.92 ng

RT: 1.95 min Scan# 32

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

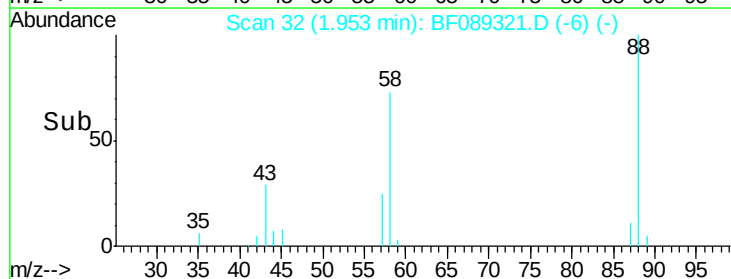
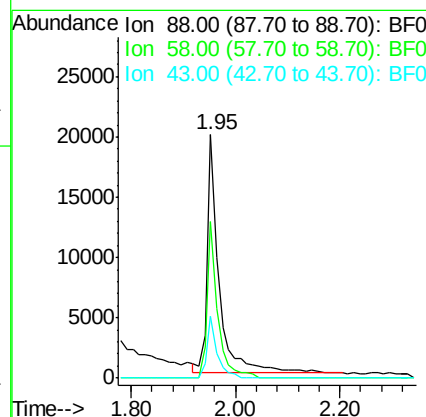
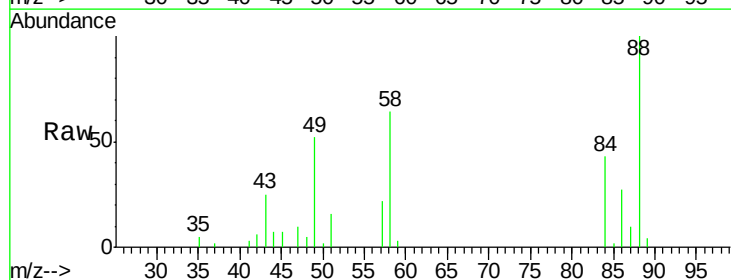
Tgt Ion: 88 Resp: 31145

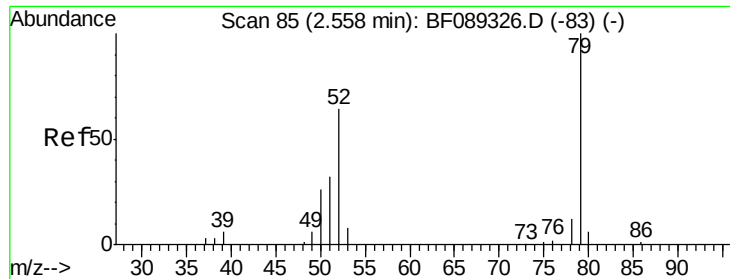
Ion Ratio Lower Upper

88 100

58 58.4 53.2 79.8

43 22.5 20.6 31.0





#3

Pvridine

Concen: 20.14 ng

RT: 2.57 min Scan# 86

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 79 Resp: 61556

Ion Ratio Lower Upper

79 100

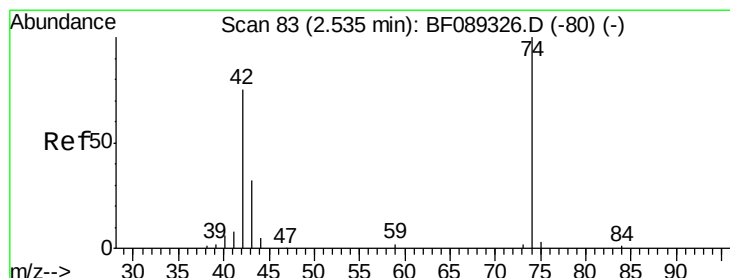
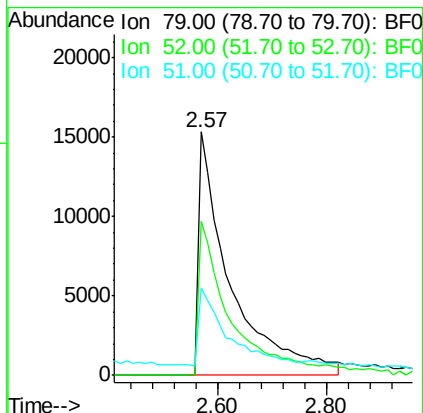
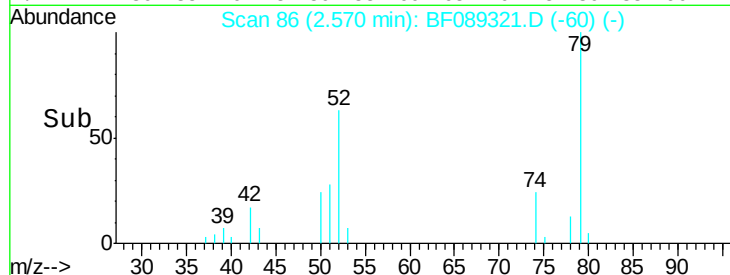
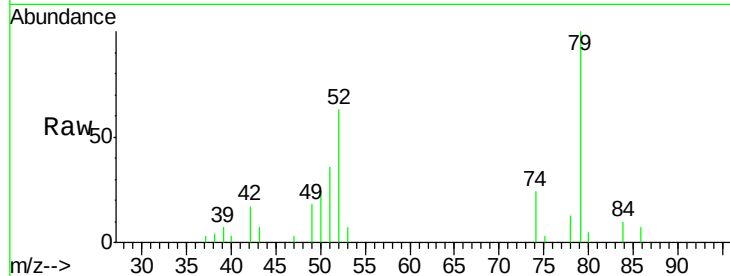
52 63.0 51.9 77.9

51 36.0 28.2 42.4

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 15.59 ng

RT: 2.55 min Scan# 84

Delta R.T. 0.01 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

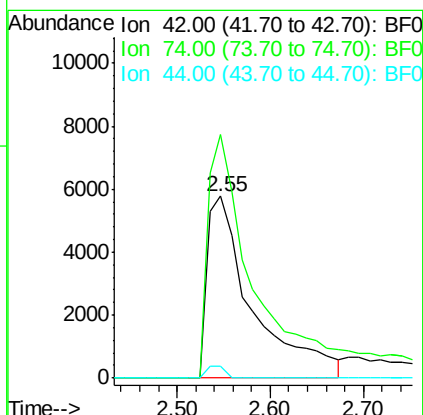
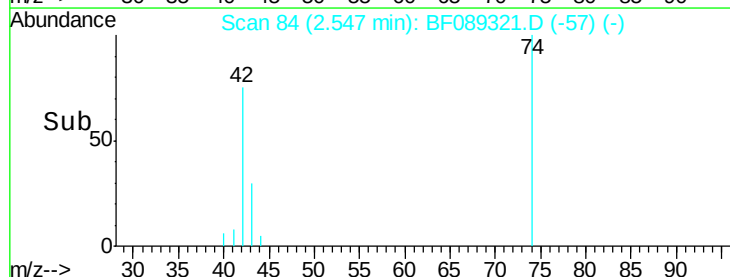
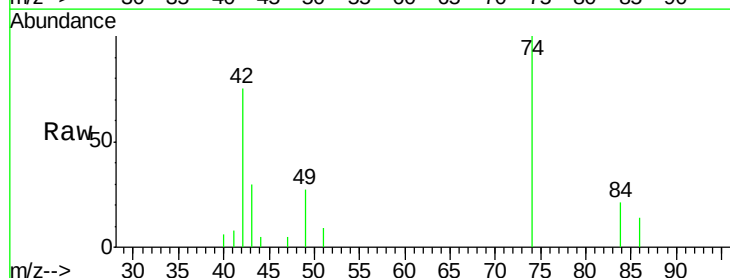
Tgt Ion: 42 Resp: 19541

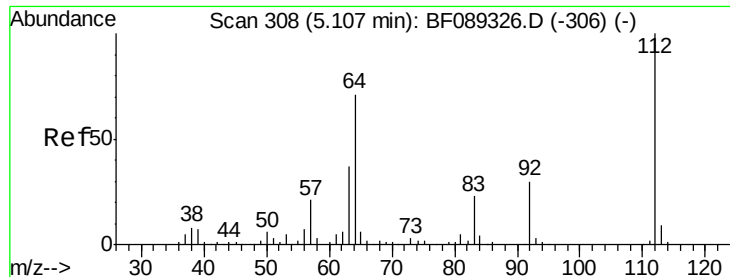
Ion Ratio Lower Upper

42 100

74 133.8 110.8 166.2

44 6.4 5.2 7.8





#5

2-Fluorophenol

Concen: 47.19 ng

RT: 5.11 min Scan# 308

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

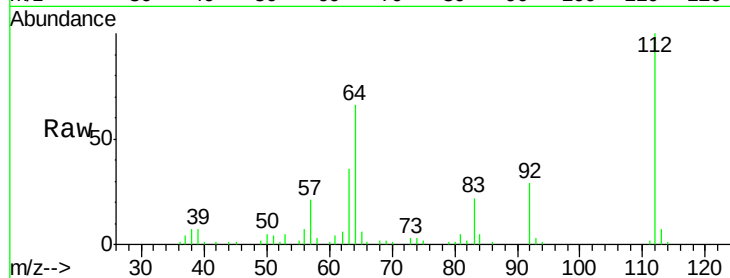
SSTDIC025

Tot Ion:	112	Resp:	131909
Ion Ratio	Lower	Upper	
112	100		
64	66.3	55.0	82.6
63	35.8	29.4	44.2

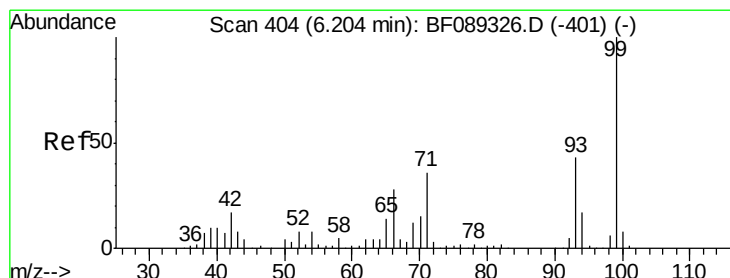
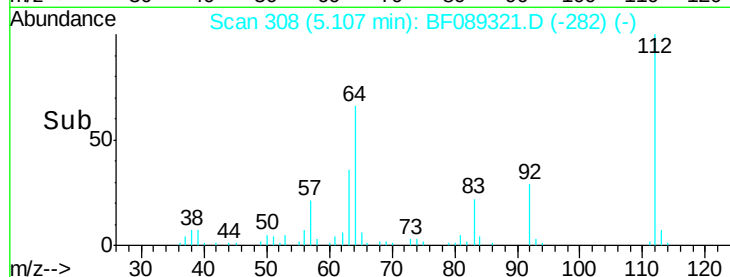
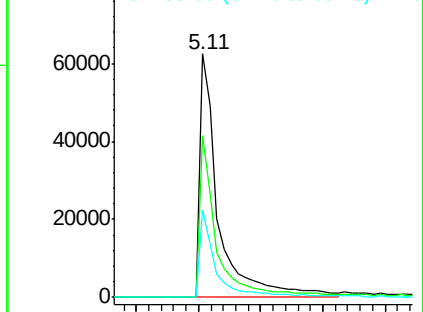
Manual Integrations

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Abundance Ion 112.00 (111.70 to 112.70): BF089321.D (-378) (-)



#6

Aniline

Concen: 21.25 ng

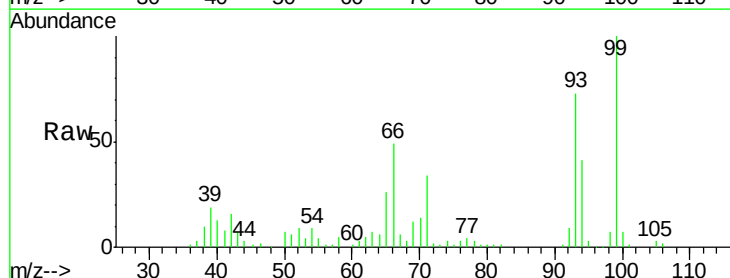
RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

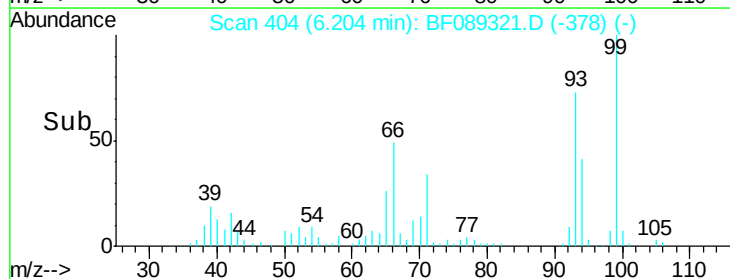
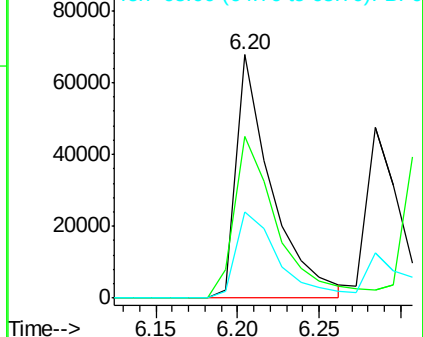
Lab File: BF089321.D

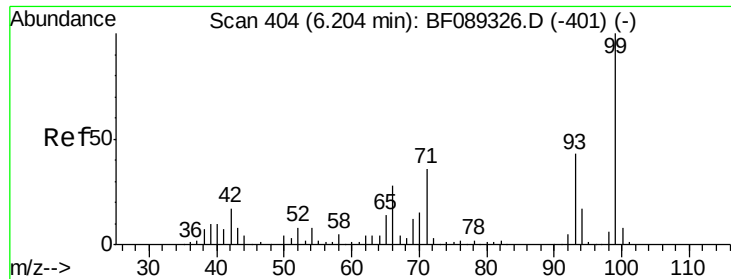
Acq: 27 Jul 2016 10:26

Tgt Ion:	93	Resp:	101649
Ion Ratio	Lower	Upper	
93	100		
66	66.6	51.6	77.4
65	35.2	24.7	37.1



Abundance Ion 93.00 (92.70 to 93.70): BF089321.D (-378) (-)





#7

Phenol-d6

Concen: 50.17 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 99 Resp: 182038

Ion Ratio Lower Upper

99 100

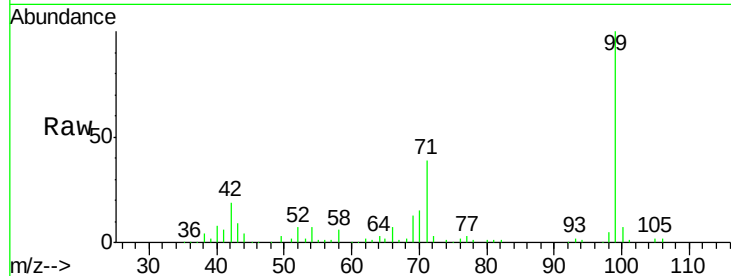
42 19.0 13.6 20.4

71 38.6 29.4 44.2

Manual Integrations

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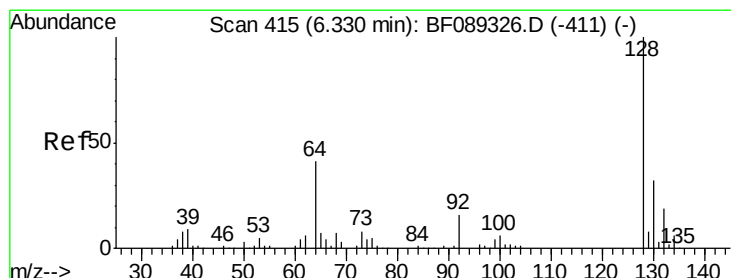
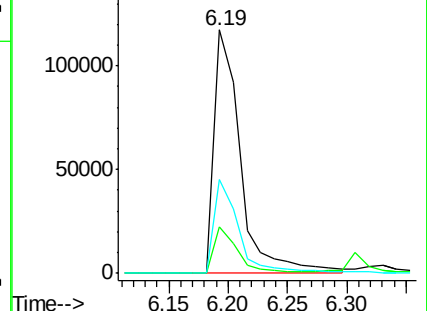
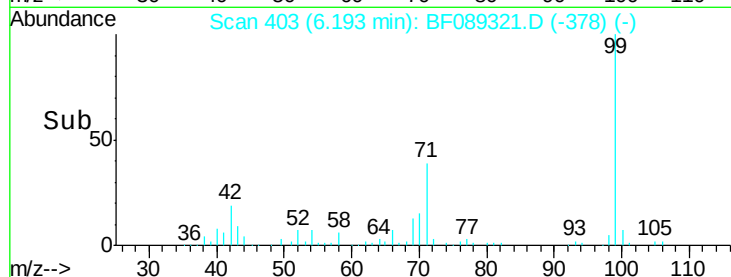
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 24.83 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

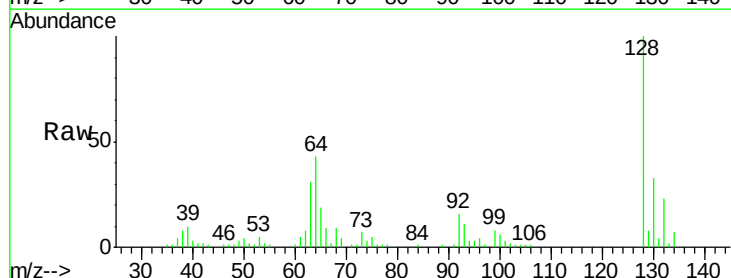
Tgt Ion:128 Resp: 77714

Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

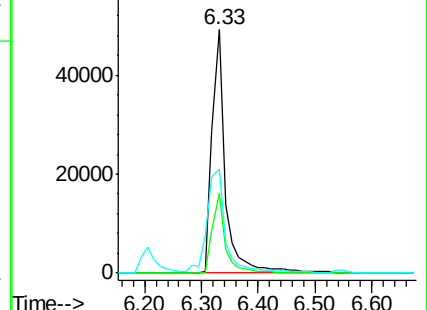
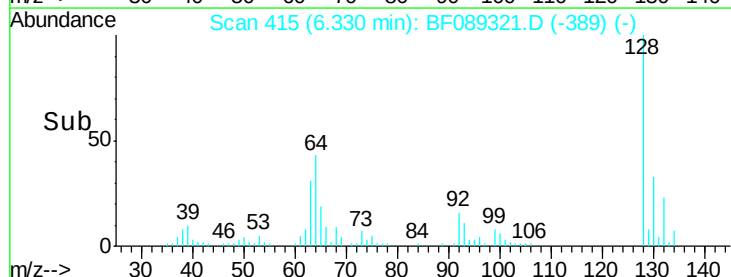
64 42.5 22.1 62.1

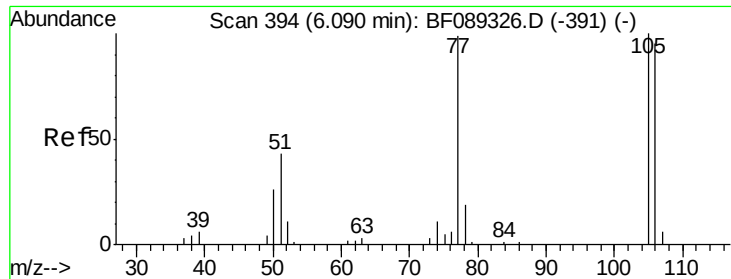


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.84 ng

RT: 6.09 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

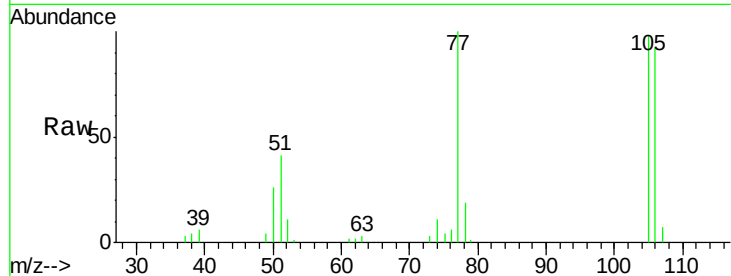
ClientSampleId :

SSTDIC025

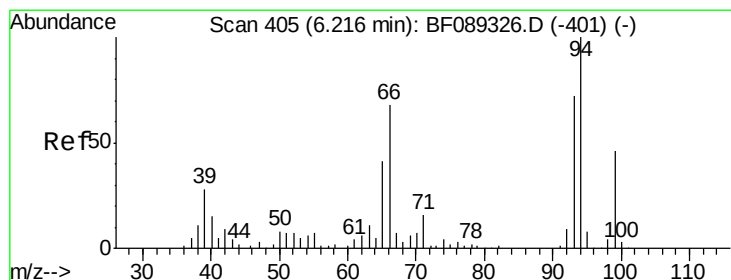
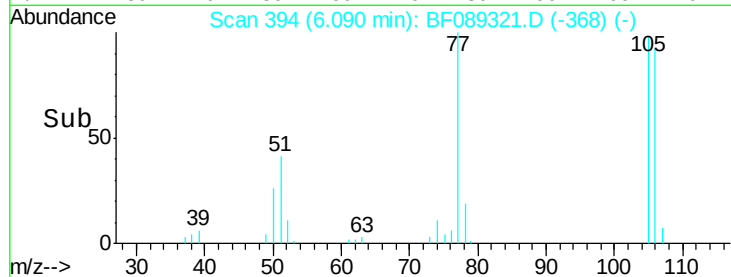
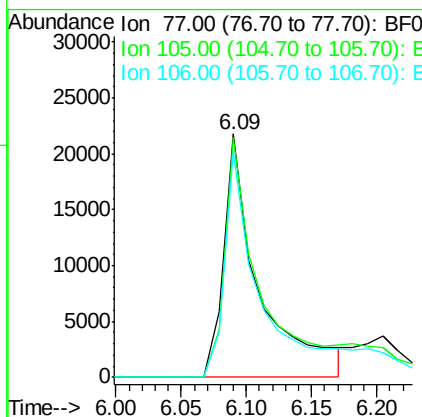
Manual Integrations

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Tot Ion:	77	Resp:	41653
Ion	Ratio	Lower	Upper
77	100		
105	98.4	82.9	122.9
106	92.5	75.9	115.9



#10

Phenol

Concen: 24.64 ng

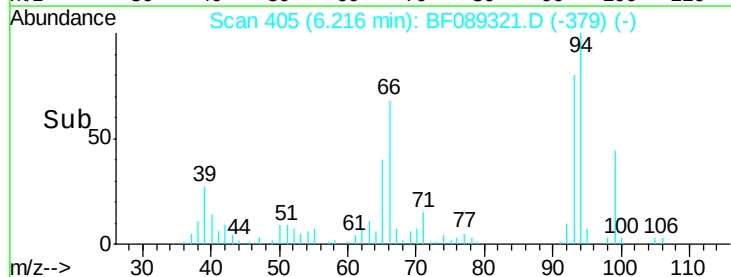
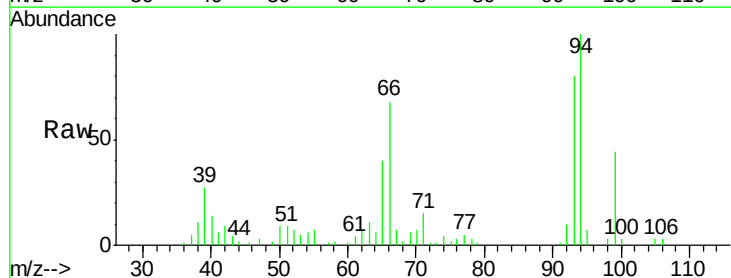
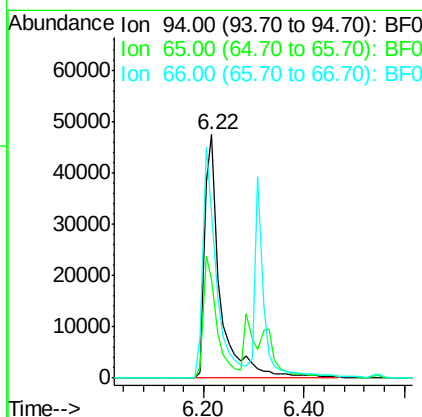
RT: 6.22 min Scan# 405

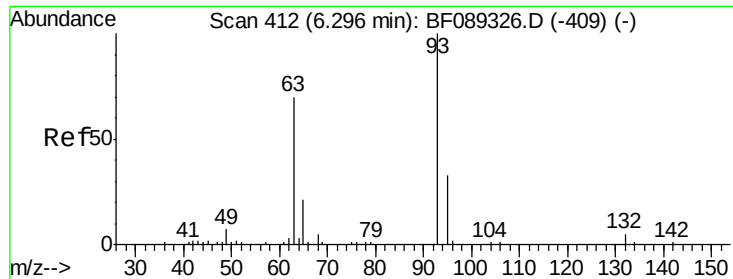
Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Tgt Ion:	94	Resp:	102330
Ion	Ratio	Lower	Upper
94	100		
65	40.5	19.1	59.1
66	68.2	44.4	84.4





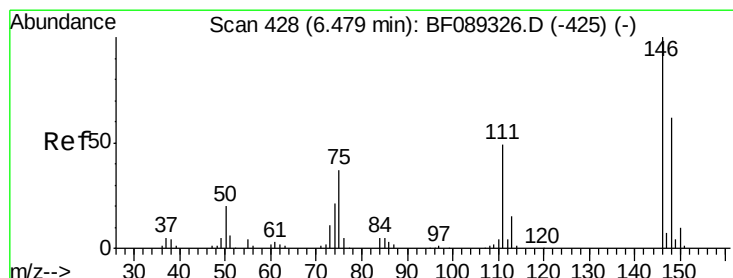
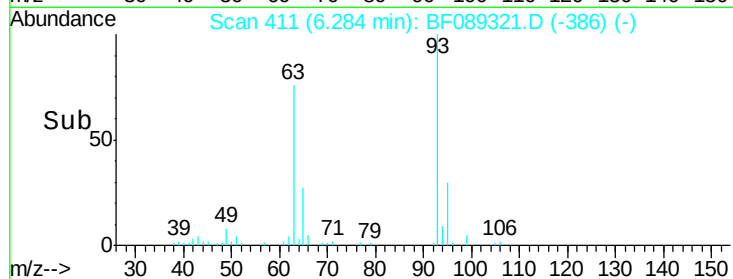
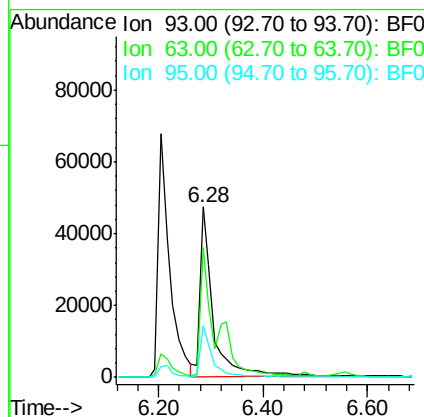
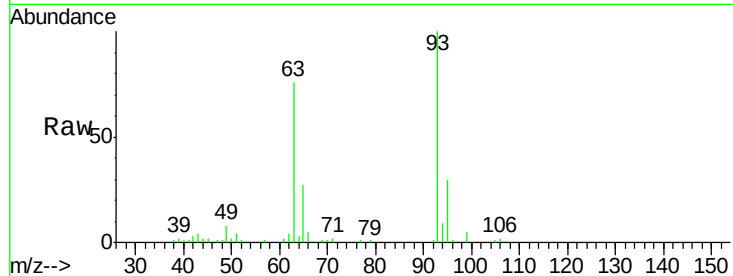
#11
bis(2-Chloroethyl)ether
Concen: 26.51 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.9	45.6	85.6
95	30.0	11.1	51.1

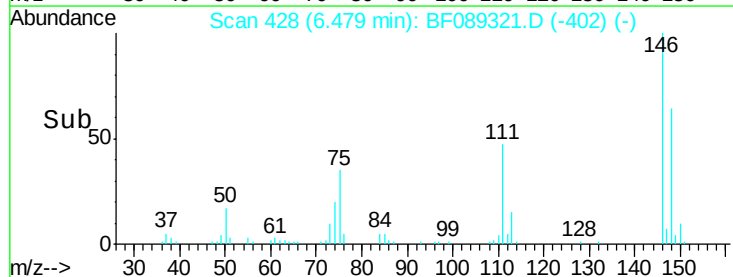
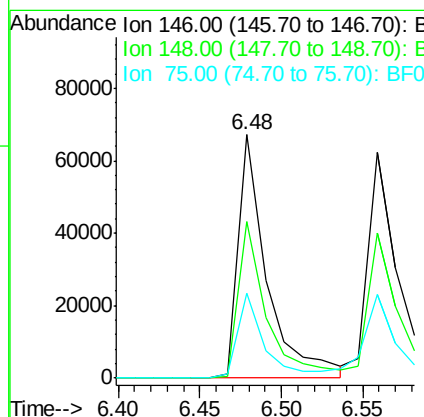
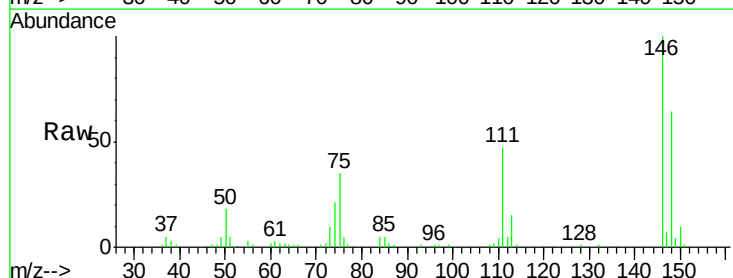
Manual Integrations

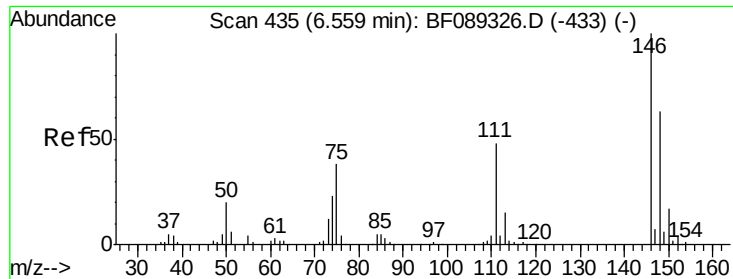
sohil
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#12
1,3-Dichlorobenzene
Concen: 23.89 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.5	75.7
75	34.8	30.0	45.0





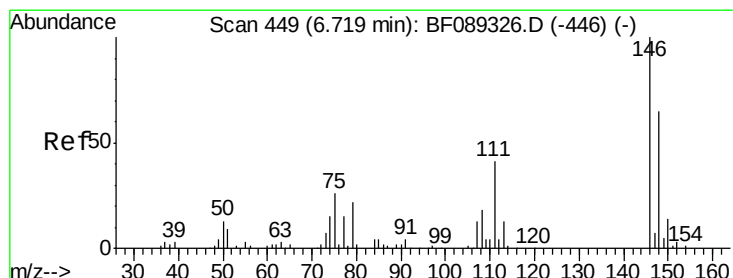
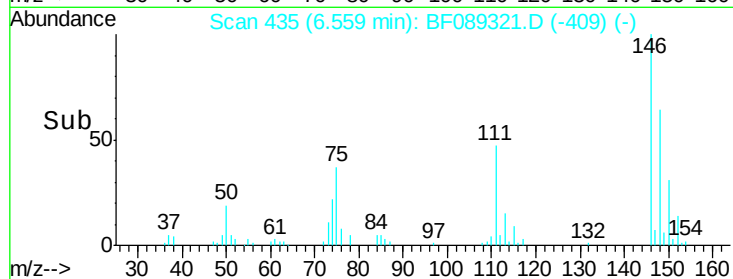
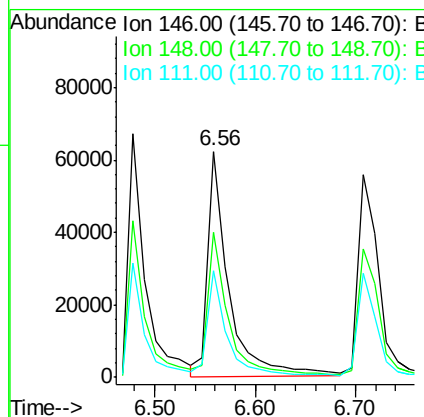
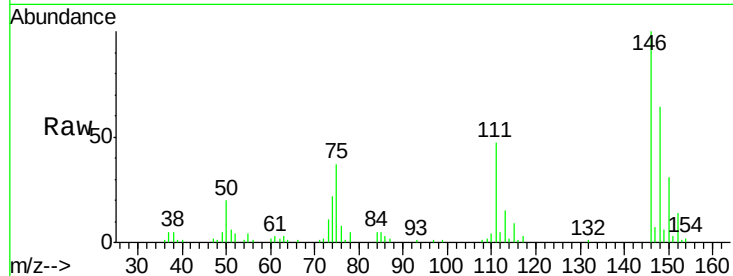
#13
 1,4-Dichlorobenzene
 Concen: 25.91 ng
 RT: 6.56 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:146 Resp: 90694
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 47.2 38.6 57.8

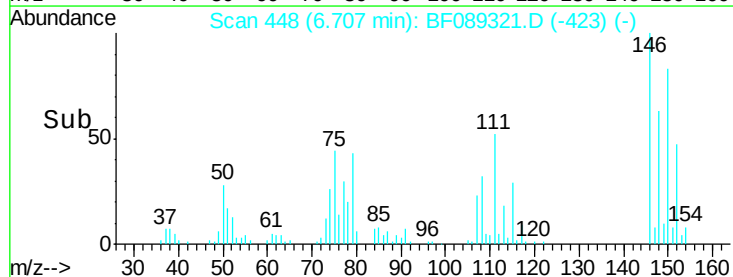
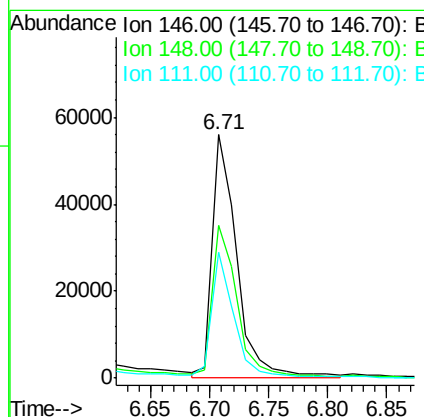
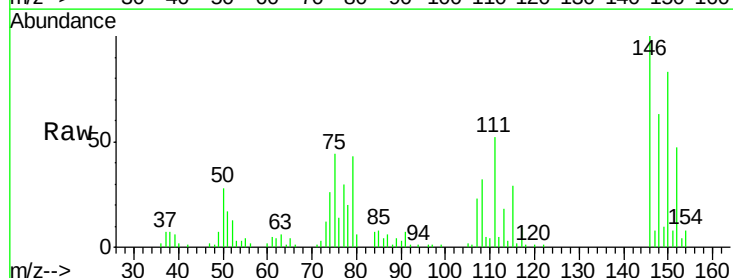
Manual Integrations

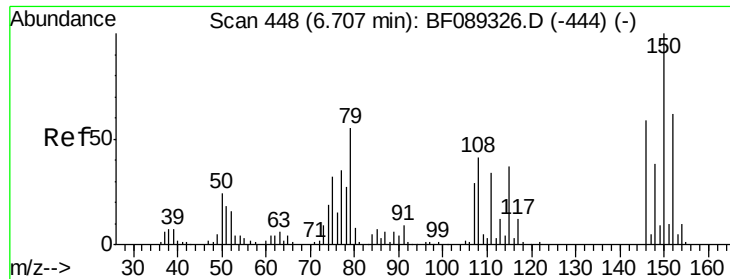
sohil
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#14
 1,2-Dichlorobenzene
 Concen: 25.21 ng m
 RT: 6.71 min Scan# 448
 Delta R.T. -0.01 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Tgt Ion:146 Resp: 81907
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.4 75.6
 111 51.5 33.0 49.4#





#15

Benzyl Alcohol

Concen: 21.53 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampled :

SSTDIC025

Tot Ion: 79 Resp: 55496

Ion Ratio Lower Upper

79 100

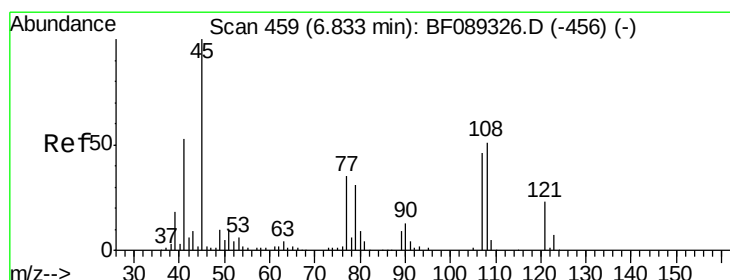
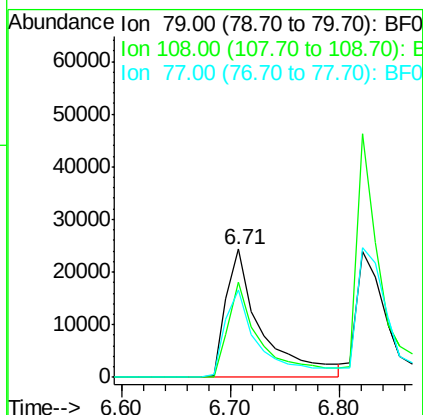
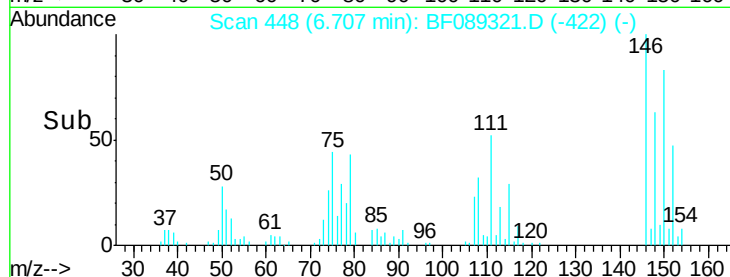
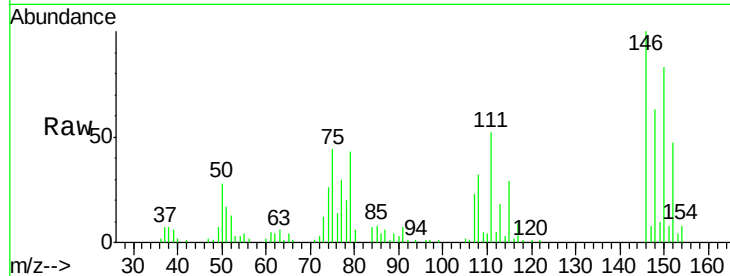
108 74.6 59.8 89.6

77 68.8 51.7 77.5

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.56 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

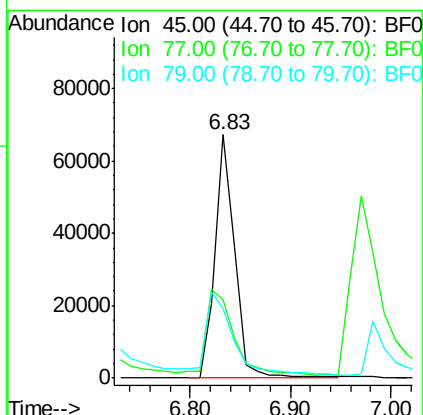
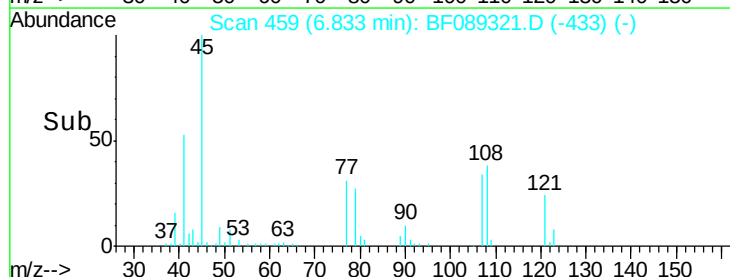
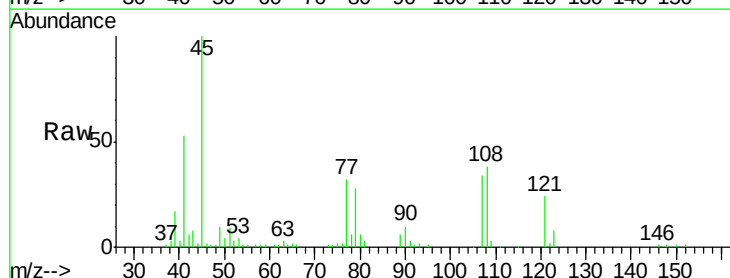
Tgt Ion: 45 Resp: 91720

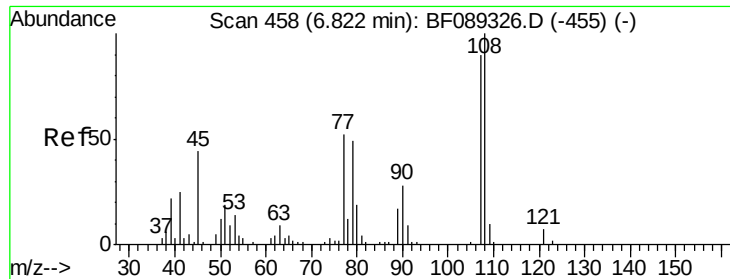
Ion Ratio Lower Upper

45 100

77 32.1 17.3 57.3

79 28.3 13.9 53.9





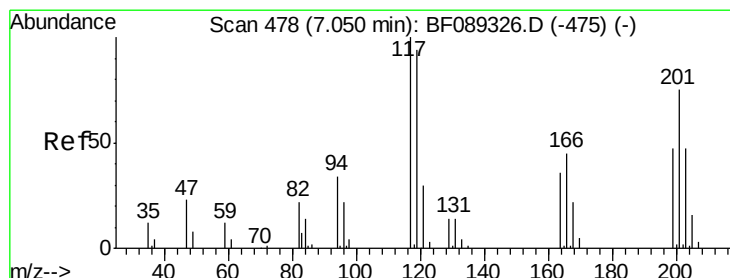
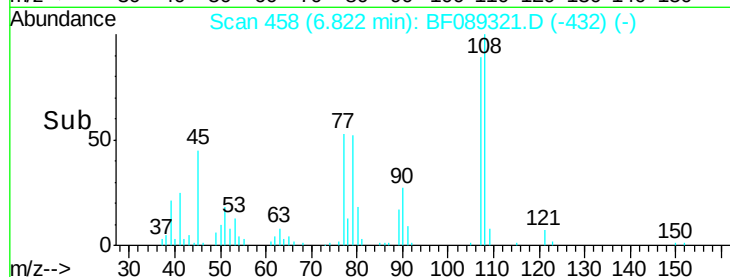
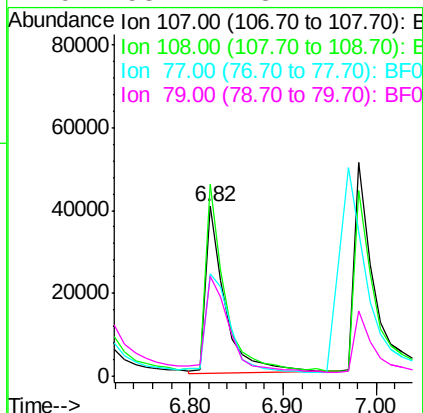
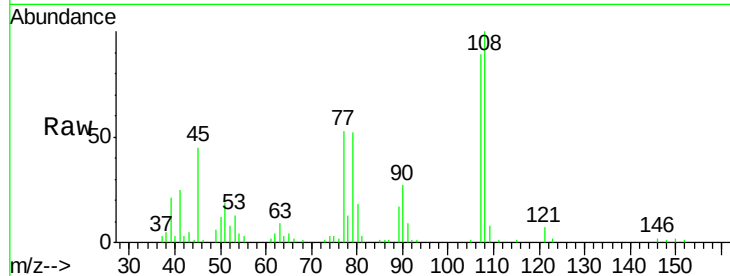
#17
2-Methylphenol
Concen: 24.03 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:	107	Resp:	58336
Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.4	137.0
77	60.1	48.6	73.0
79	58.4	48.2	72.4

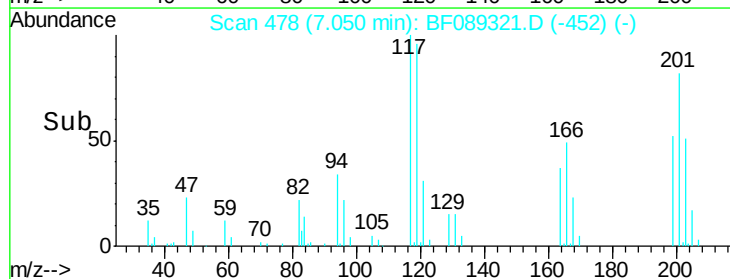
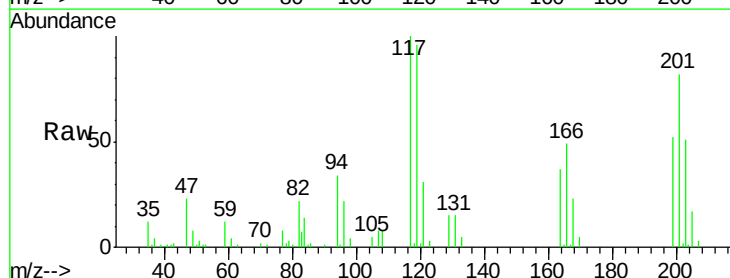
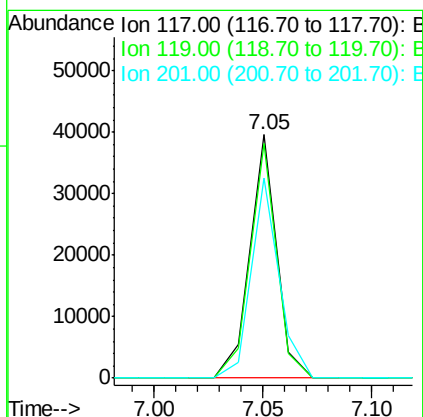
Manual Integrations

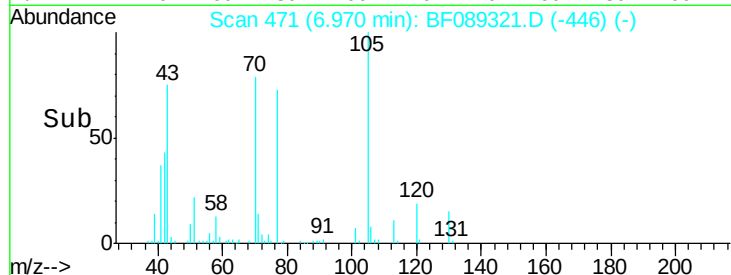
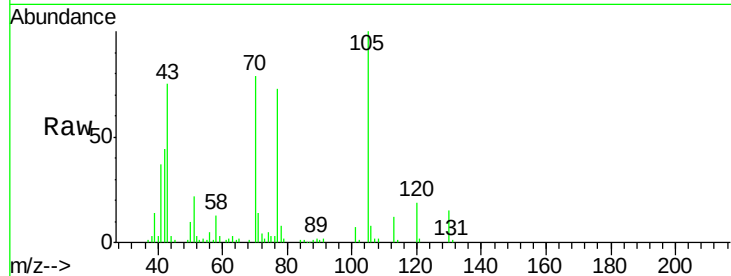
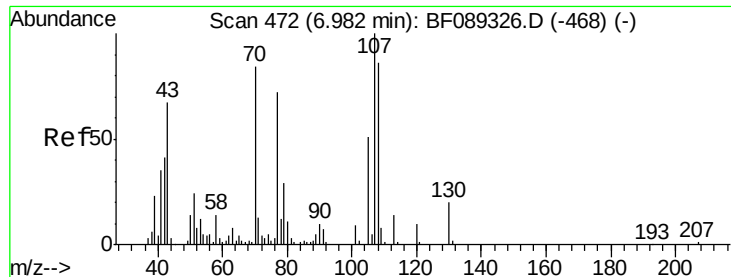
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#18
Hexachloroethane
Concen: 25.74 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion:	117	Resp:	33754
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.0	114.0
201	82.0	60.0	90.0





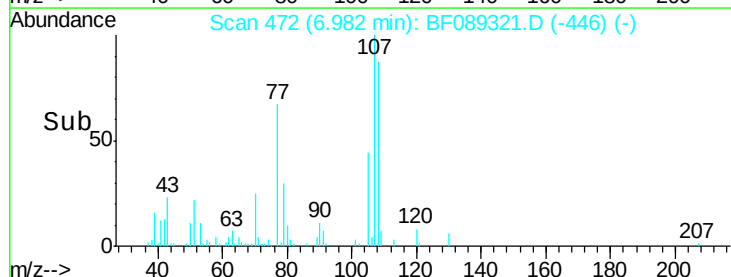
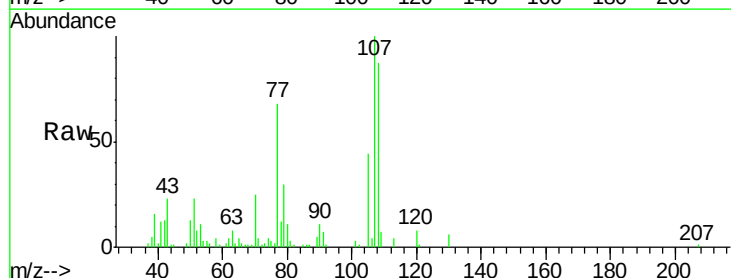
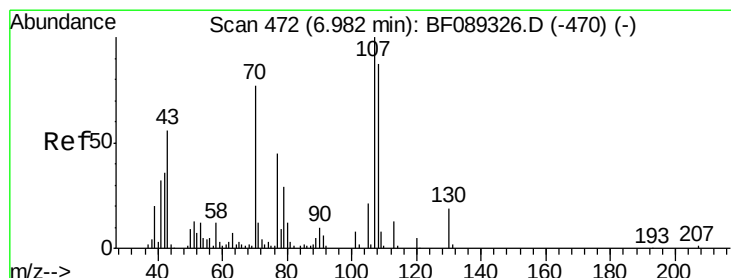
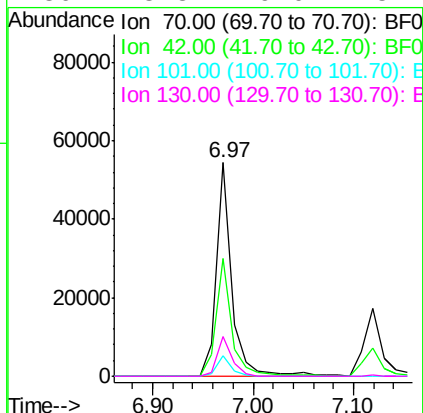
#19
n-Nitroso-di-n-propylamine
Concen: 24.97 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.3	38.6	57.8
101	9.4	8.3	12.5
130	18.3	19.0	28.4

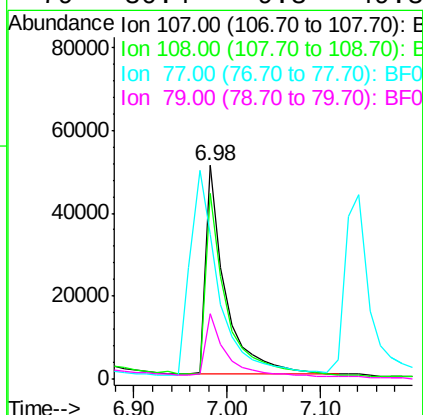
Manual Integrations

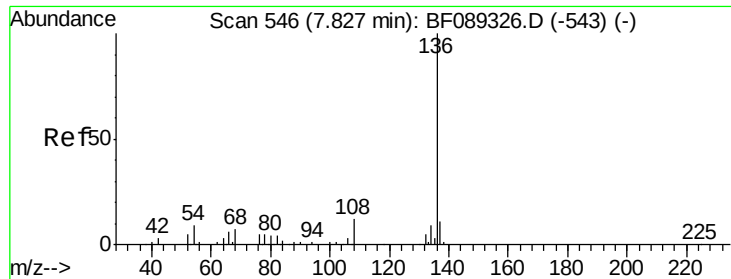
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#20
3+4-Methylphenols
Concen: 22.80 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	63.3	103.3
77	67.6	51.1	91.1
79	30.4	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

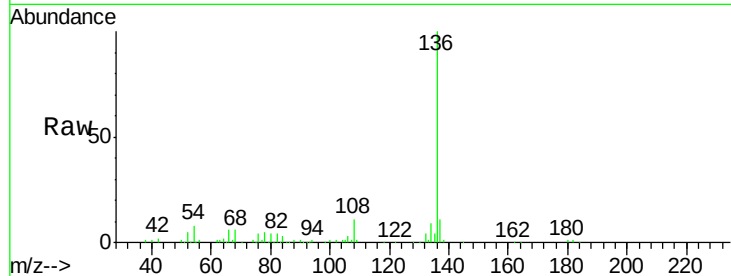
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
136	100	187720		
137	10.7	8.6	13.0	
54	8.2	7.0	10.4	
68	6.2	4.9	7.3	

Manual Integrations

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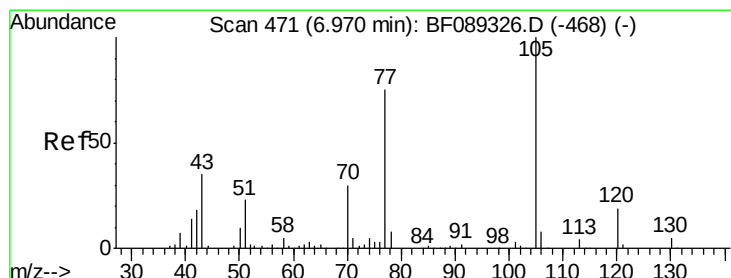
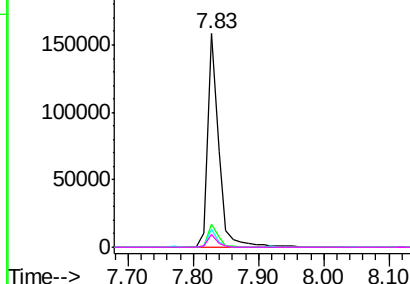
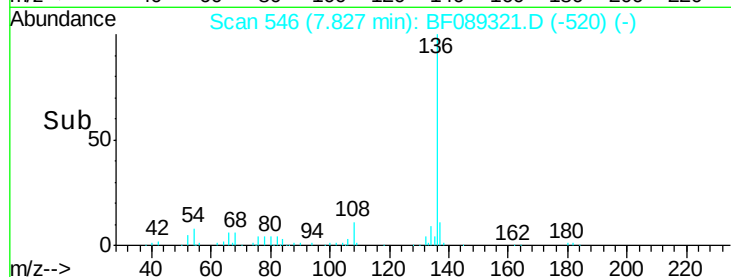


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 22.77 ng

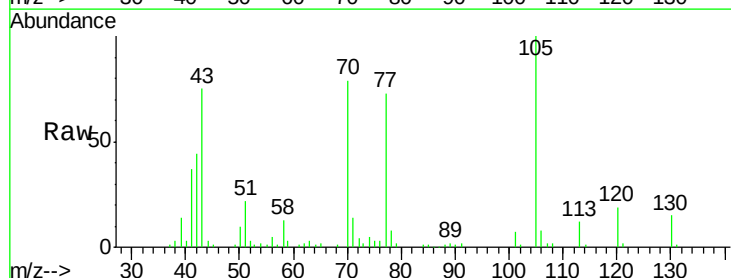
RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	112227		
71	13.6	4.2	6.2#	
51	22.4	18.7	28.1	
120	19.4	15.8	23.6	

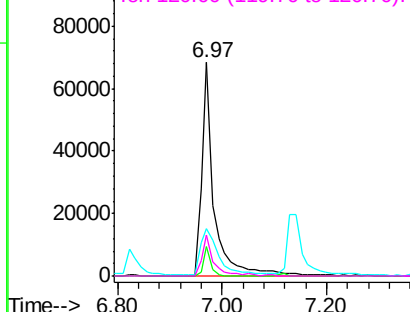
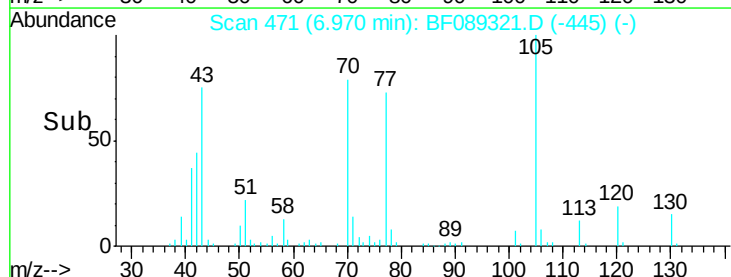


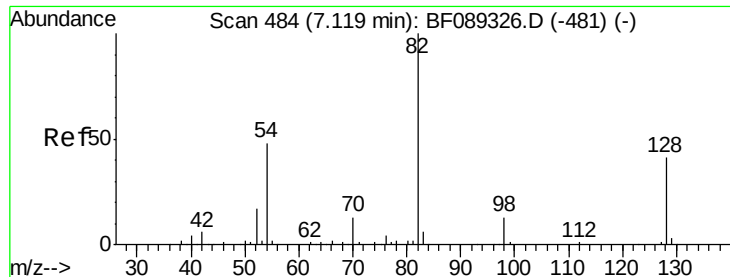
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





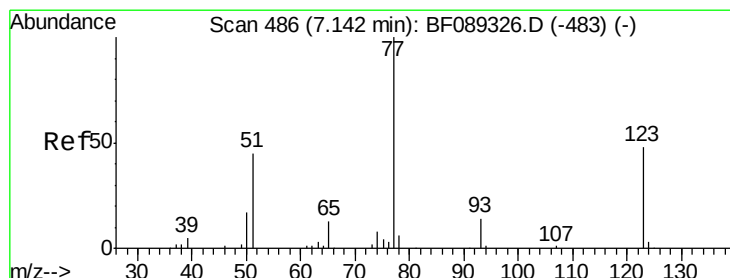
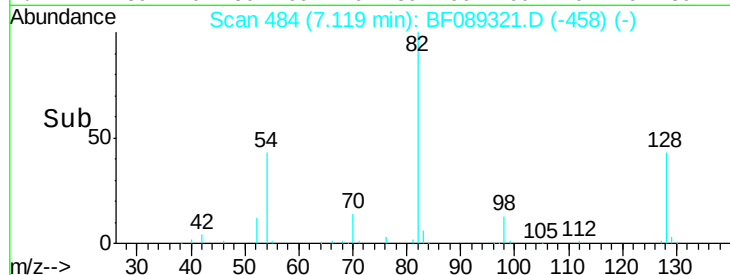
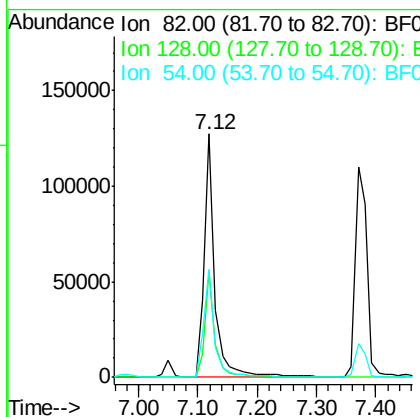
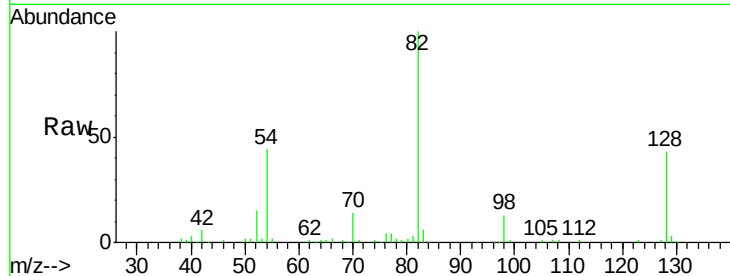
#23
Nitrobenzene-d5
Concen: 46.95 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	82	Resp	164692
Ion Ratio	100	Lower	Upper
82	100		
128	43.2	32.5	48.7
54	44.5	38.8	58.2

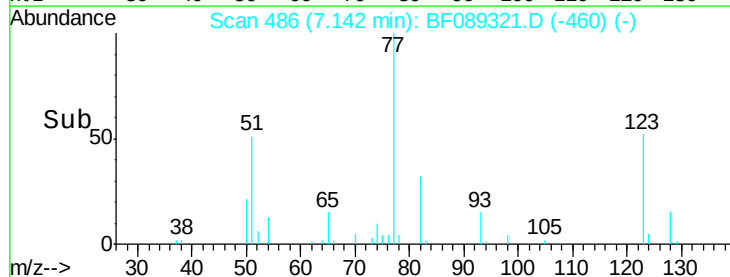
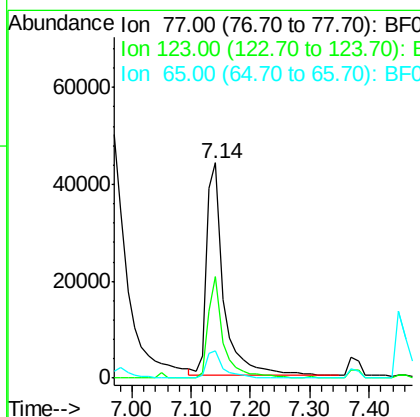
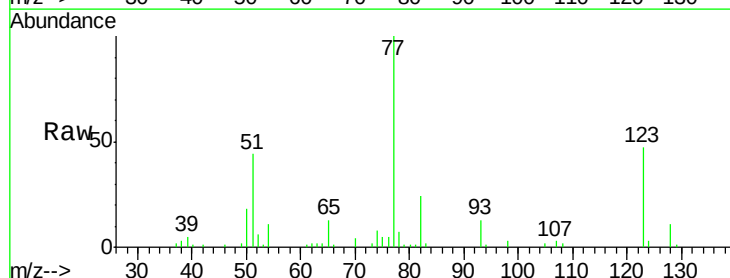
Manual Integrations

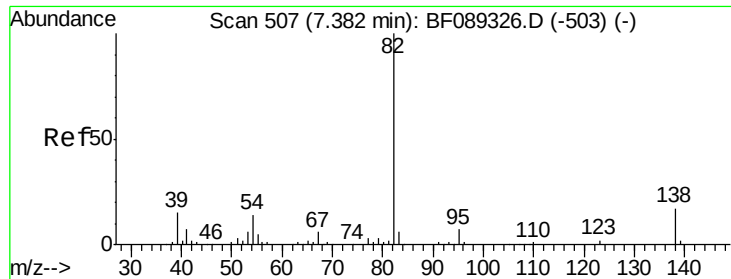
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#24
Nitrobenzene
Concen: 23.81 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion	77	Resp	87760
Ion Ratio	100	Lower	Upper
77	100		
123	47.1	37.2	55.8
65	12.7	10.2	15.4





#25

Isophorone

Concen: 24.06 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampled :

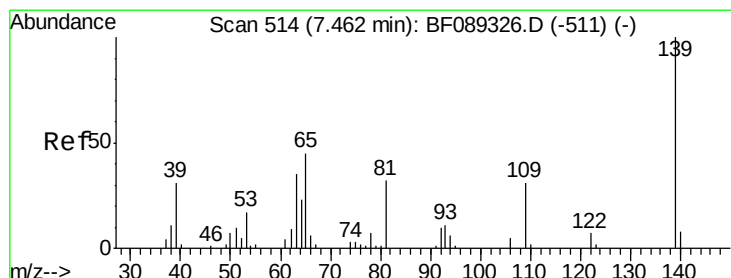
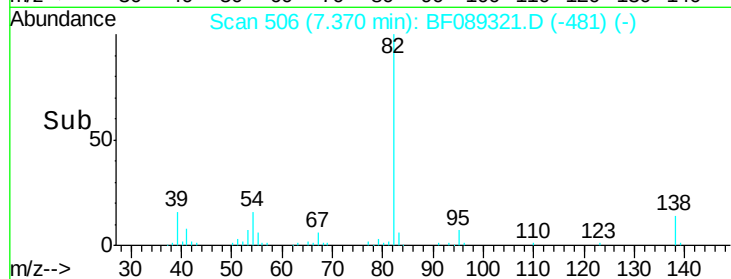
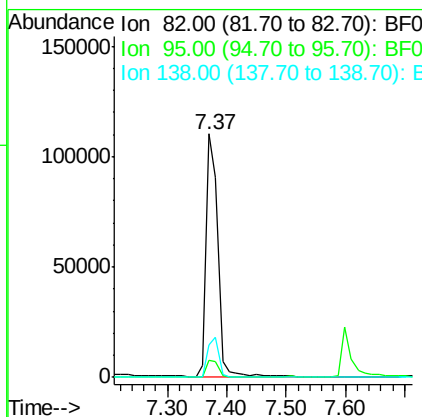
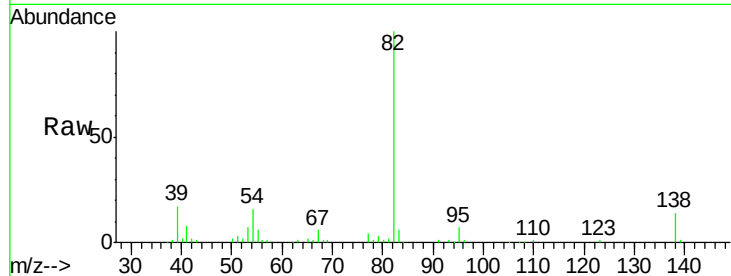
SSTDIC025

Tot Ion:	82	Resp:	155790
Ion Ratio	Lower	Upper	
82	100		
95	6.8	6.0	9.0
138	13.6	13.3	19.9

Manual Integrations

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#26

2-Nitrophenol

Concen: 23.09 ng

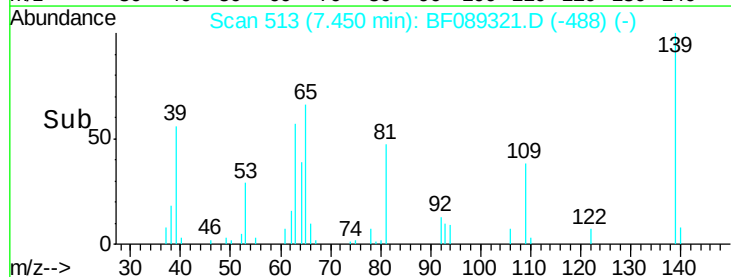
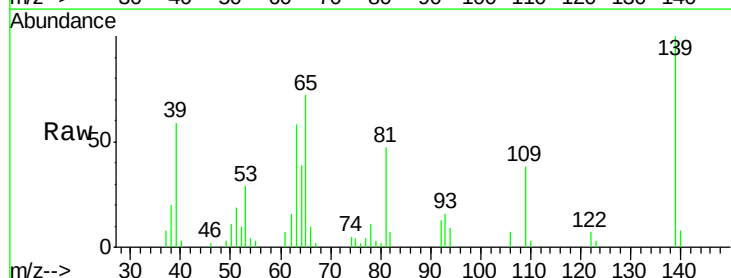
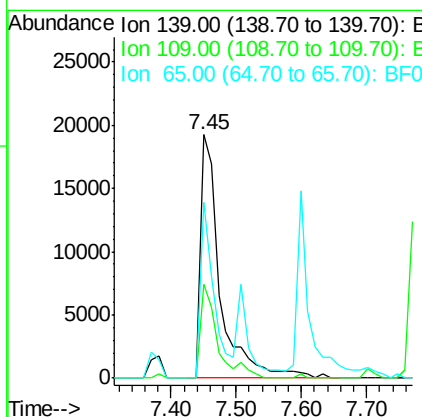
RT: 7.45 min Scan# 513

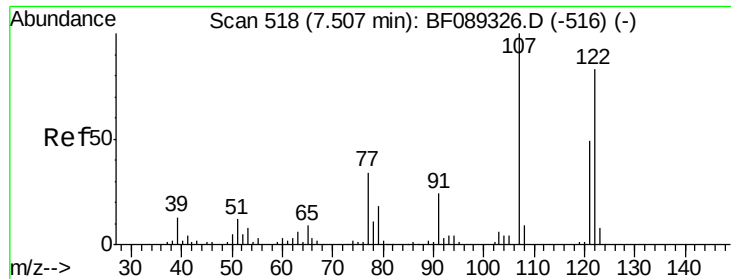
Delta R.T. -0.01 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Tgt Ion:	139	Resp:	39790
Ion Ratio	Lower	Upper	
139	100		
109	38.4	25.8	38.8
65	72.2	35.2	52.8#





#27

2,4-Dimethylphenol

Concen: 24.07 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampled :

SSTDIC025

Tot Ion: 122 Resp: 69905

Ion Ratio Lower Upper

122 100

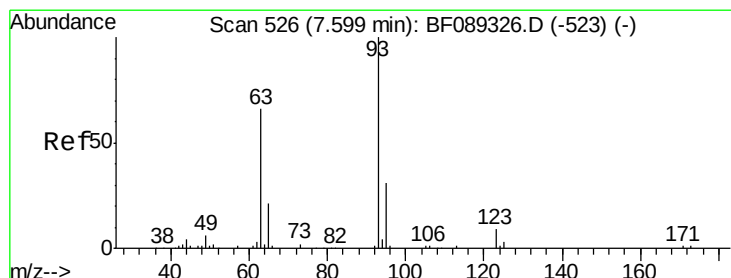
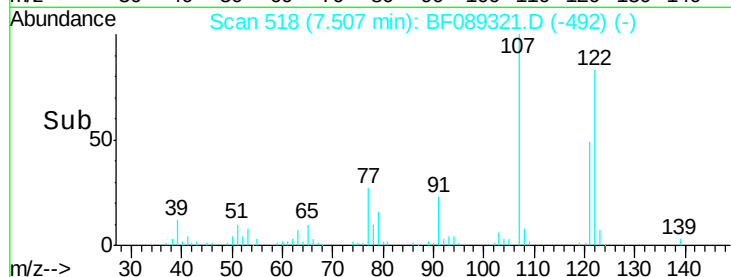
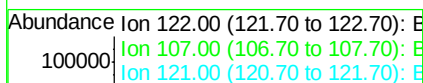
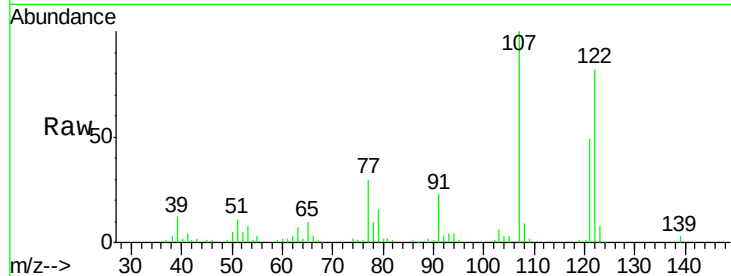
107 121.4 97.2 145.8

121 59.2 48.8 73.2

Manual Integrations

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#28

bis(2-Chloroethoxy)methane

Concen: 24.05 ng

RT: 7.60 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

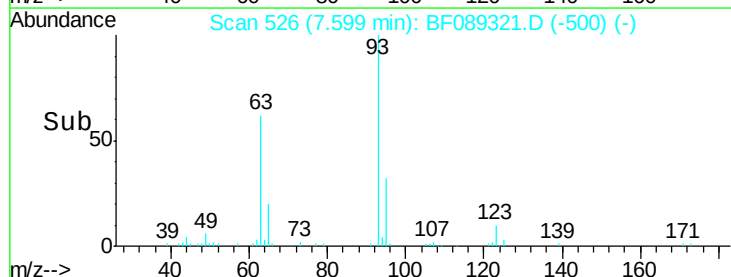
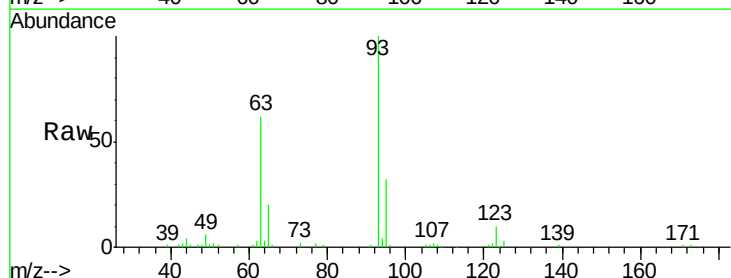
Tgt Ion: 93 Resp: 95581

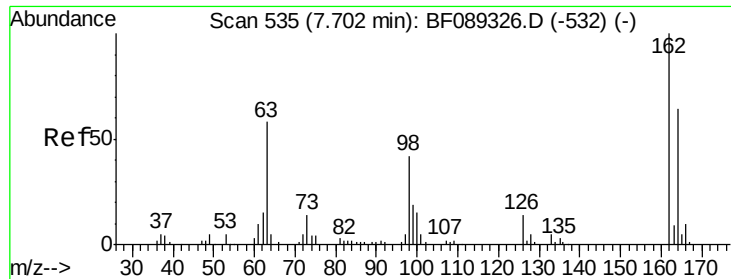
Ion Ratio Lower Upper

93 100

95 31.6 24.7 37.1

123 10.0 7.5 11.3





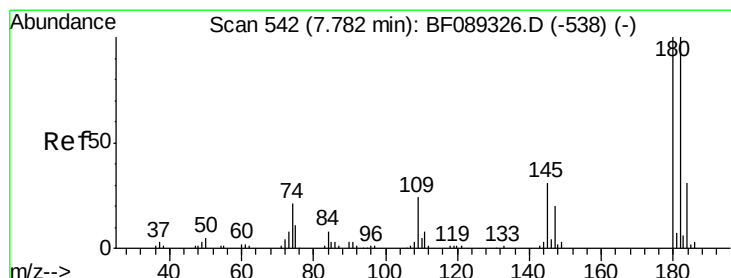
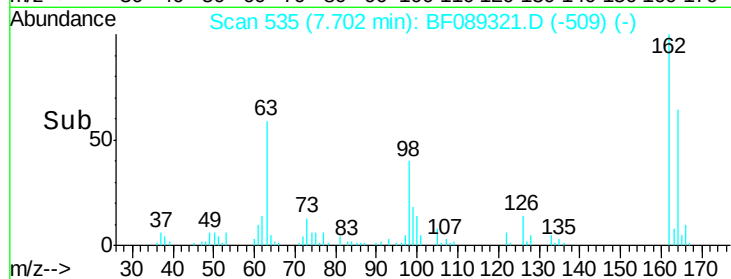
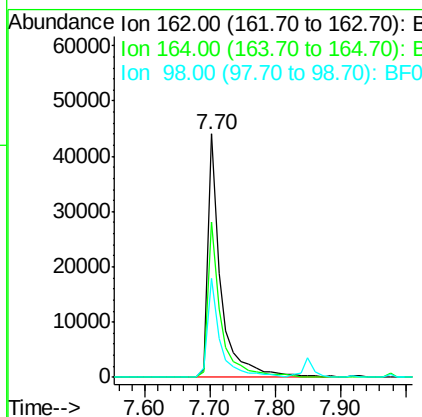
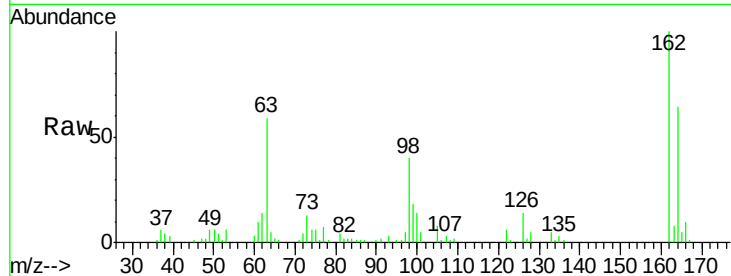
#29
 2,4-Dichlorophenol
 Concen: 23.38 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:	162	Resp:	61308
Ion Ratio	Lower	Upper	
162	100		
164	63.7	44.0	84.0
98	40.5	21.8	61.8

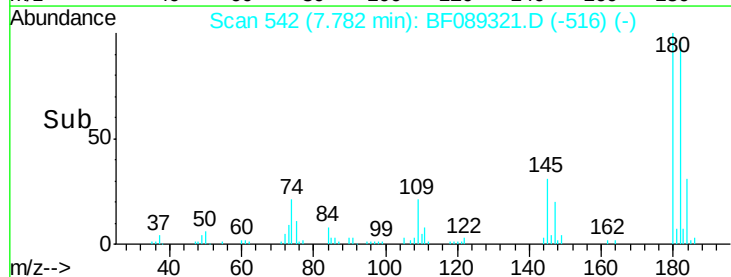
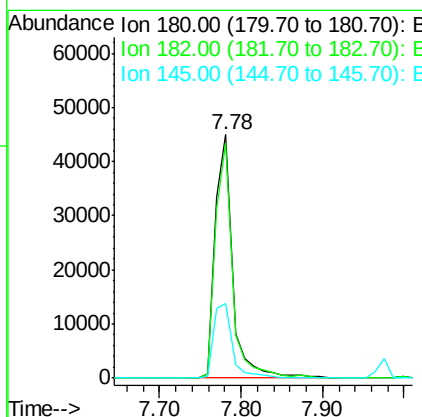
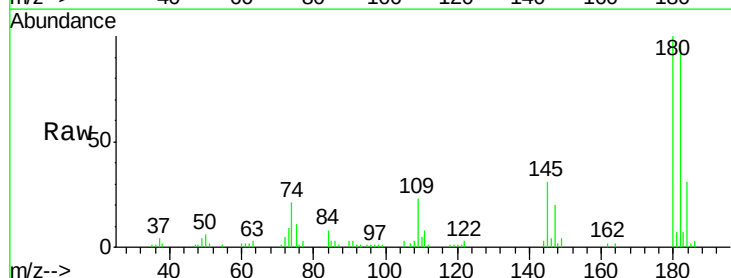
Manual Integrations

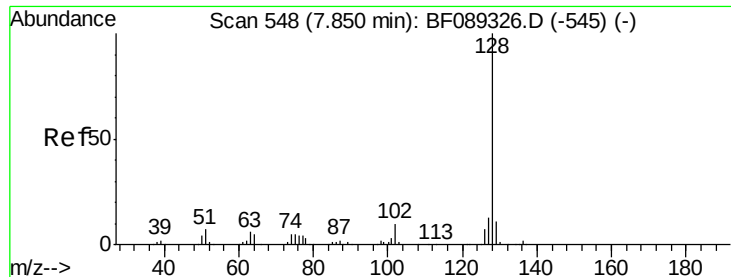
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#30
 1,2,4-Trichlorobenzene
 Concen: 23.16 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Tgt Ion:	180	Resp:	66955
Ion Ratio	Lower	Upper	
180	100		
182	96.2	78.2	117.2
145	30.5	24.6	36.8





#31

Naphthalene

Concen: 25.41 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:128 Resp: 255149

Ion Ratio Lower Upper

128 100

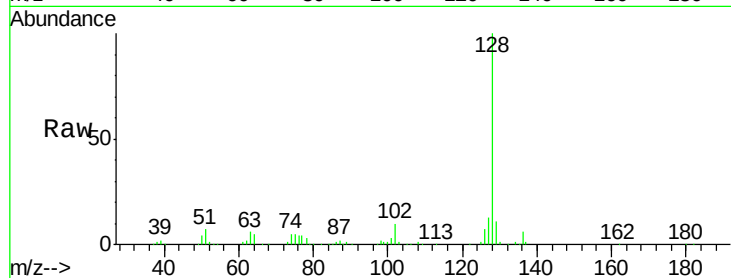
129 10.8 8.8 13.2

127 13.0 10.8 16.2

Manual Integrations

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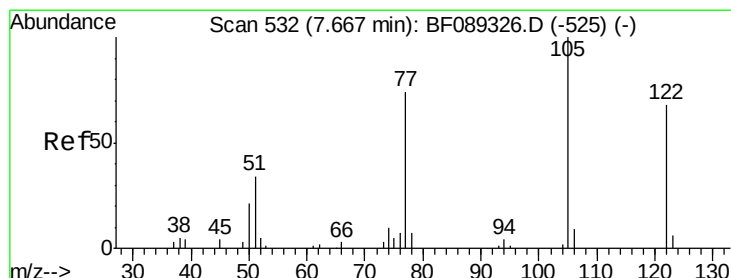
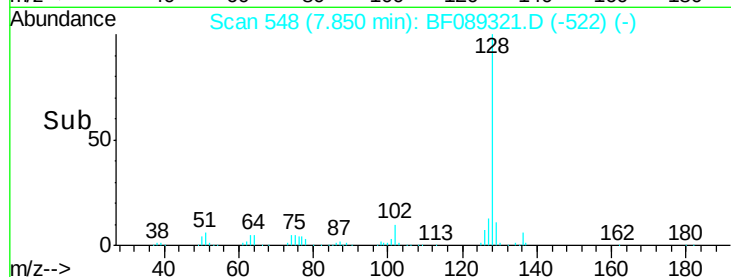
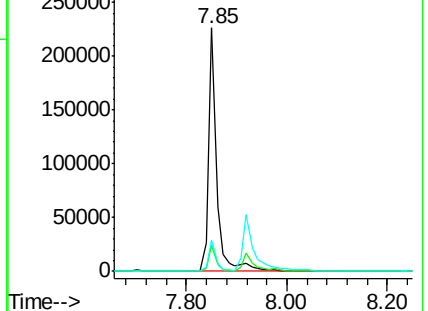
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.09 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

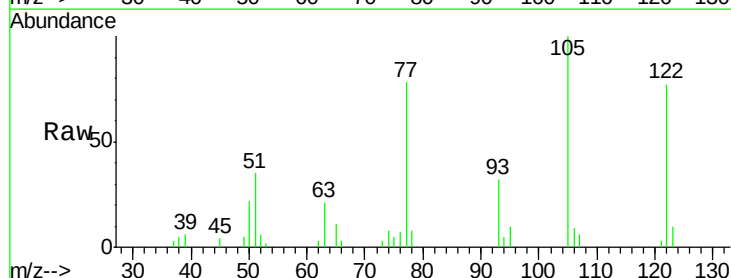
Tgt Ion:122 Resp: 38975

Ion Ratio Lower Upper

122 100

105 129.4 106.4 146.4

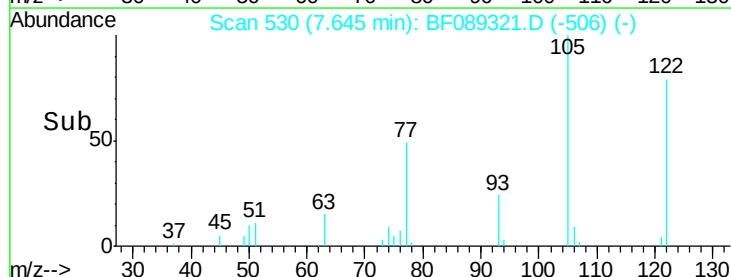
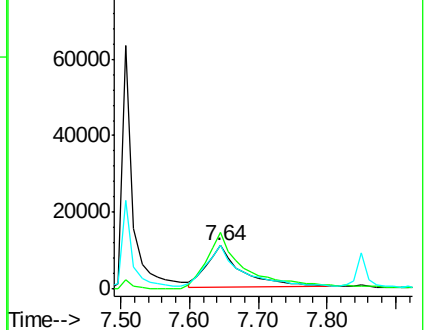
77 100.5 76.4 116.4

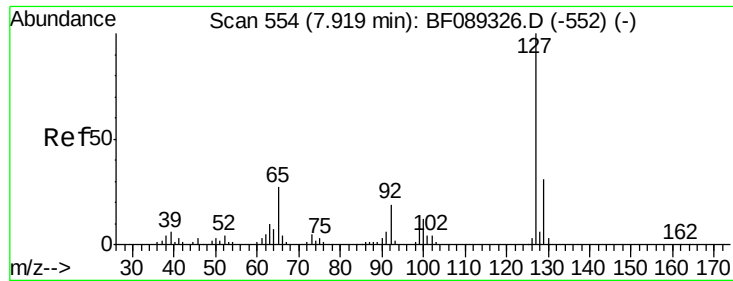


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





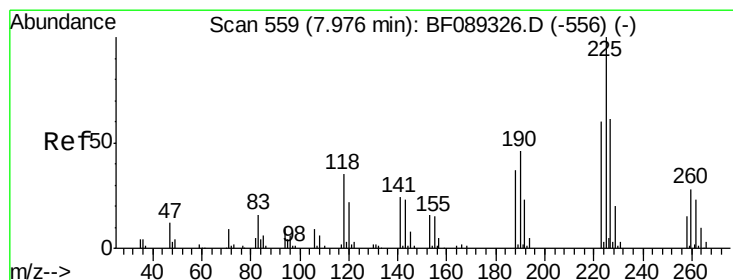
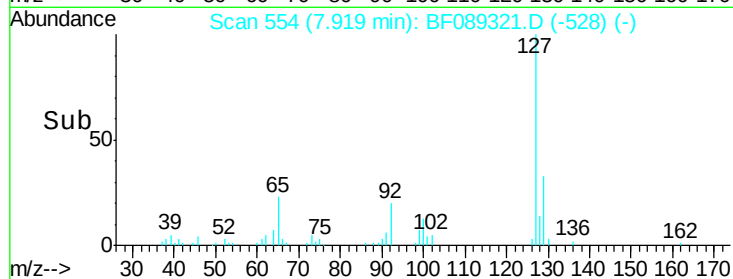
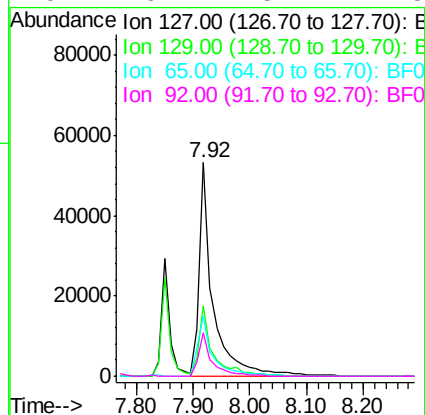
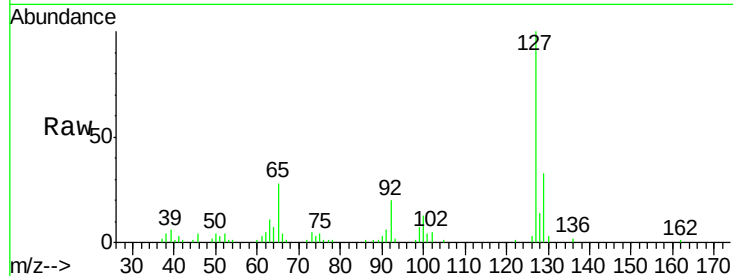
#33
4-Chloroaniline
Concen: 21.58 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		89437		
129	33.1	26.1	39.1		
65	28.2	22.0	33.0		
92	20.1	15.2	22.8		

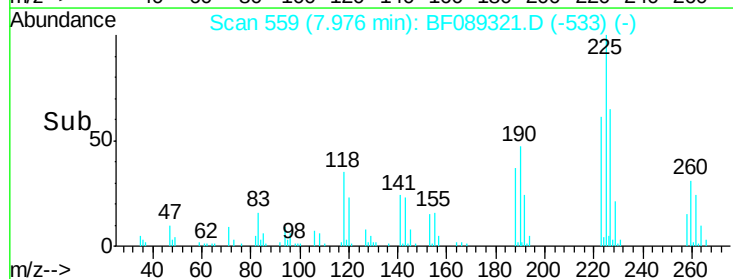
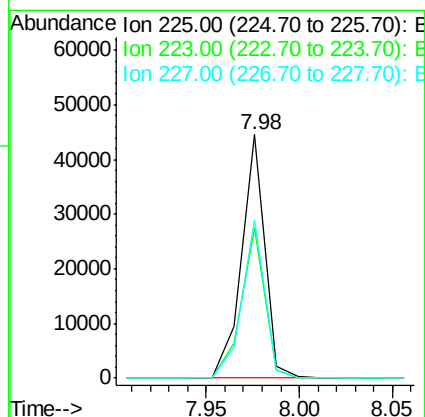
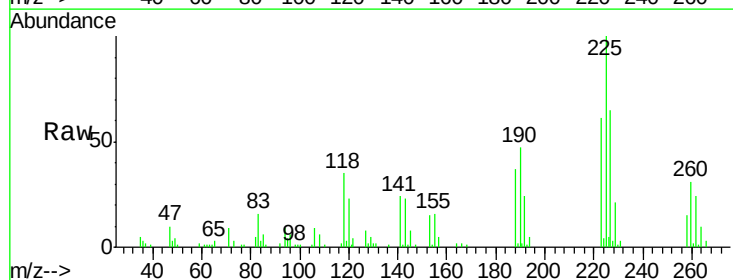
Manual Integrations

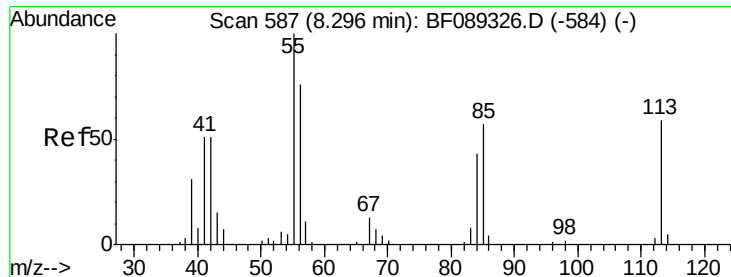
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#34
Hexachlorobutadiene
Concen: 23.99 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		38750		
223	61.5	49.8	74.8		
227	65.0	49.4	74.2		





#35

Caprolactam

Concen: 22.11 ng

RT: 8.27 min Scan# 585

Delta R.T. -0.02 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:113 Resp: 17803

Ion Ratio Lower Upper

113 100

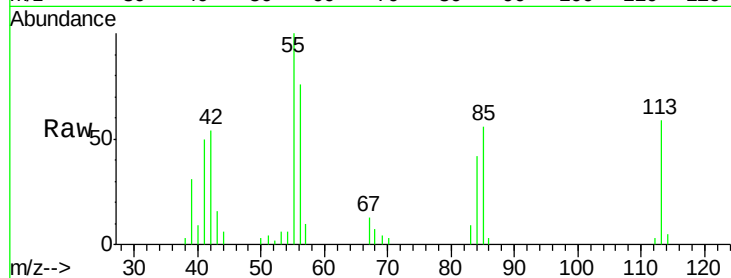
55 169.1 142.3 182.3

56 129.0 105.8 145.8

Manual Integrations

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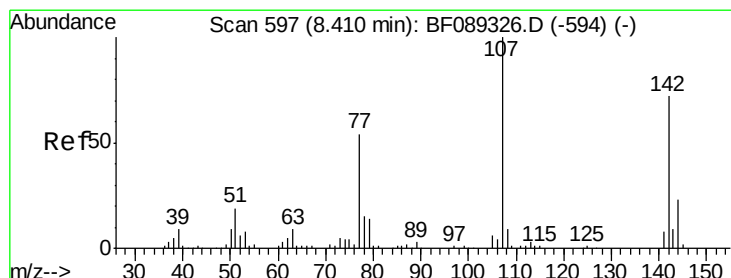
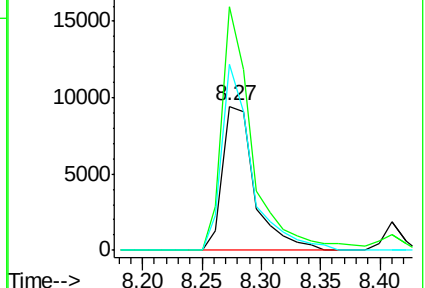
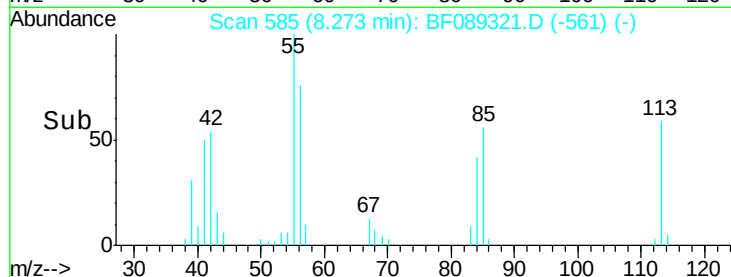
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 21.77 ng

RT: 8.41 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

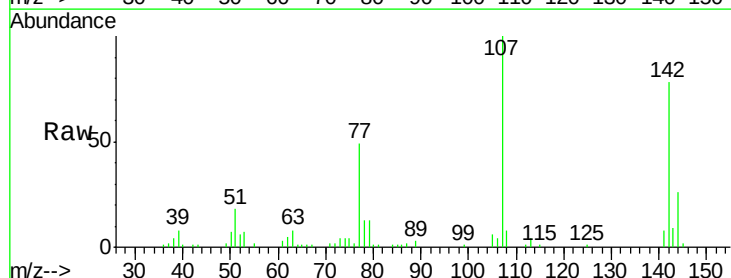
Tgt Ion:107 Resp: 68815

Ion Ratio Lower Upper

107 100

144 25.6 18.4 27.6

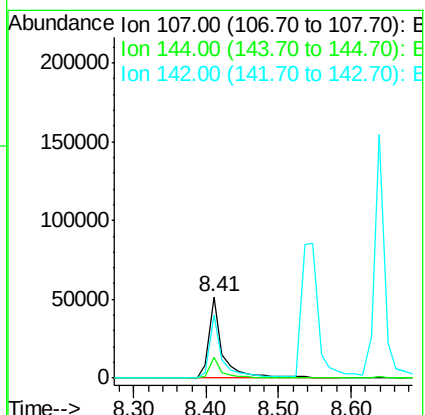
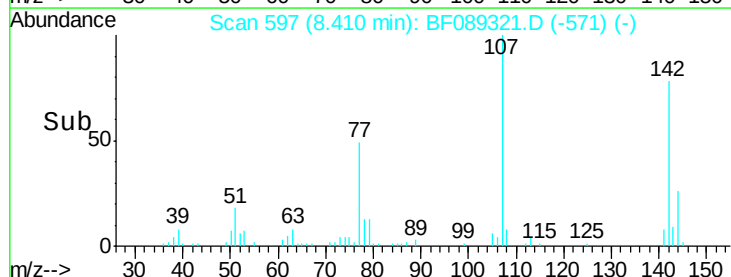
142 77.9 58.6 87.8

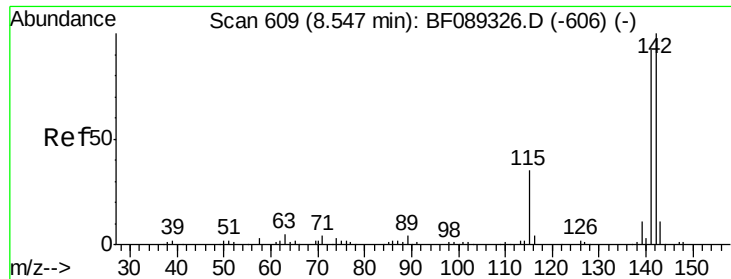


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





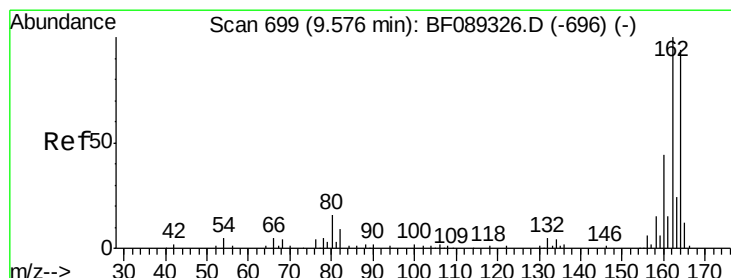
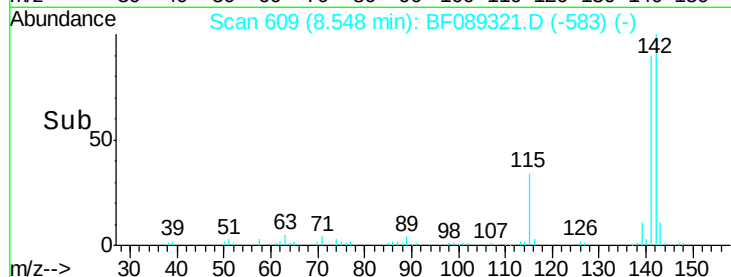
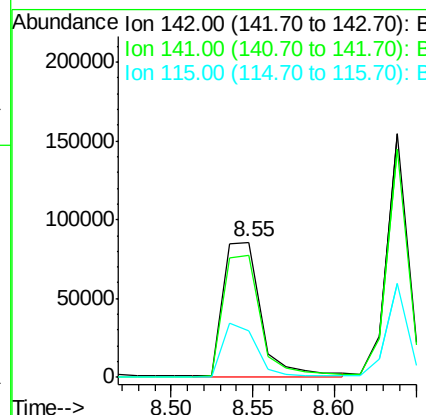
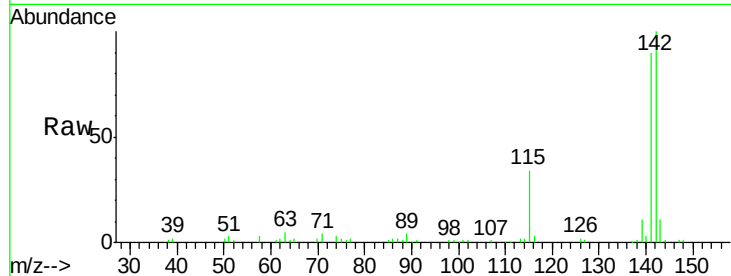
#37
2-Methylnaphthalene
Concen: 21.92 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.9	106.3
115	33.9	27.6	41.4

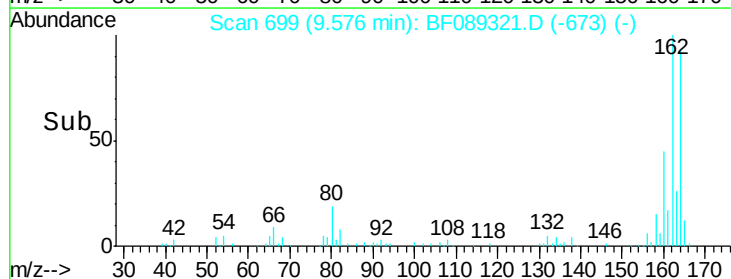
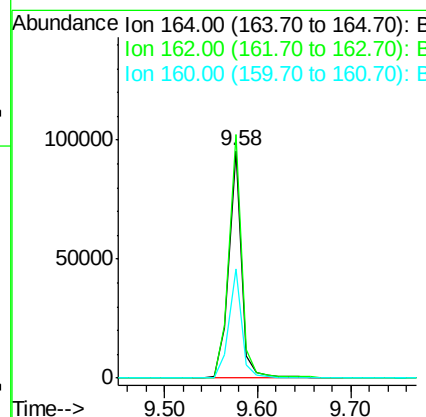
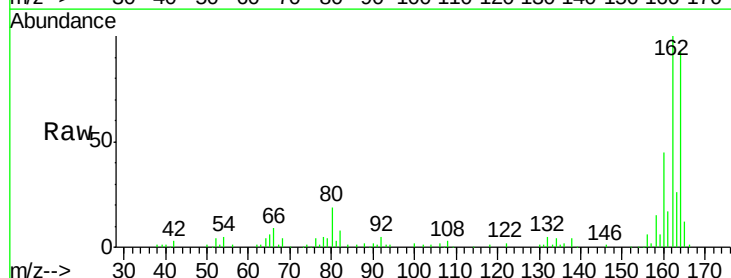
Manual Integrations

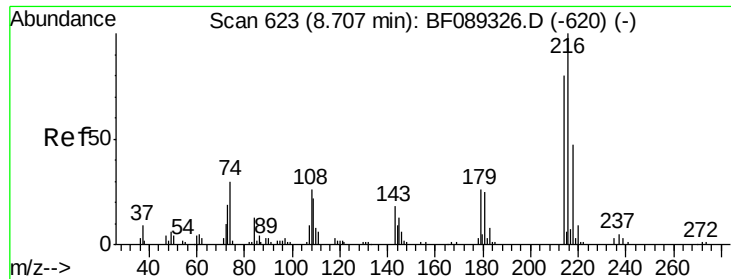
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.2	83.7	125.5
160	48.1	37.8	56.6





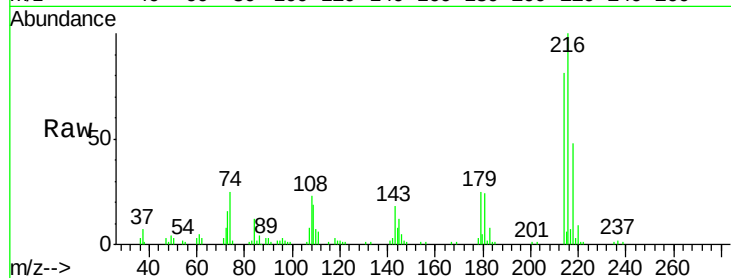
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.64 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC025

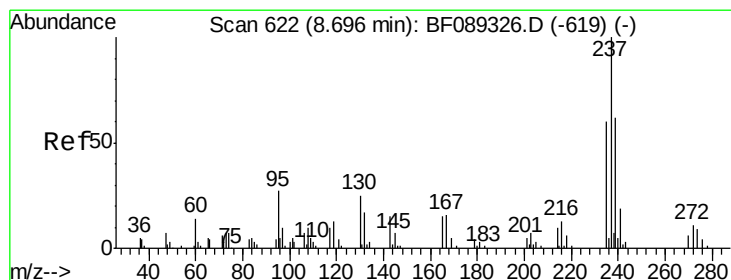
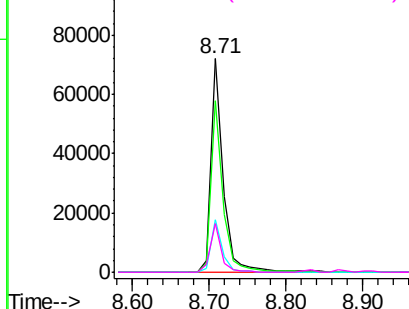
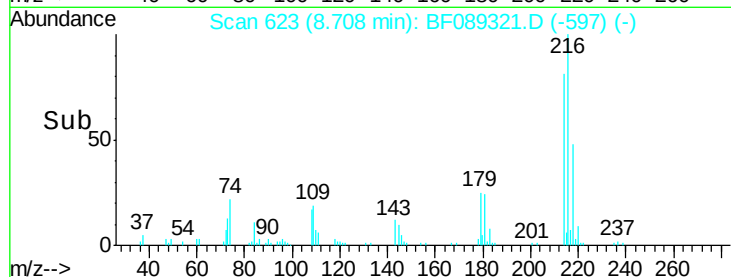
Tot Ion:	216	Resp:	78918
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.3	94.9
179	22.9	18.1	27.1
108	20.4	17.2	25.8

Manual Integrations

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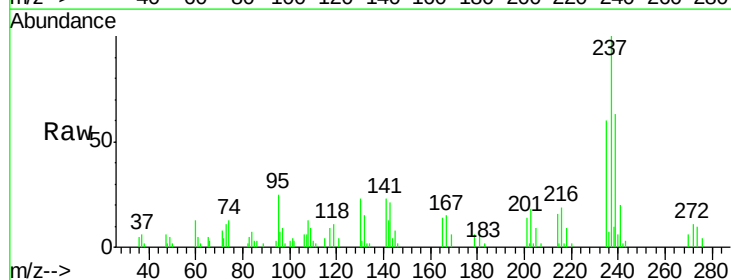


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

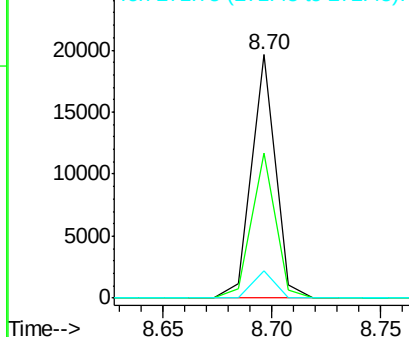
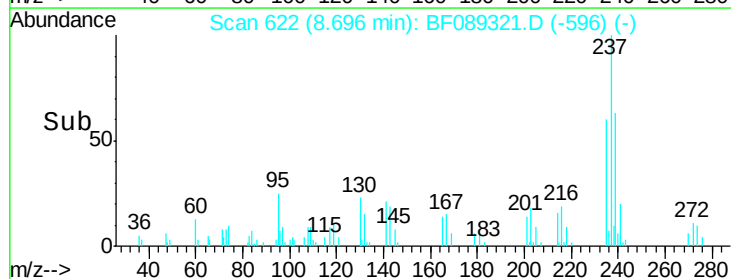


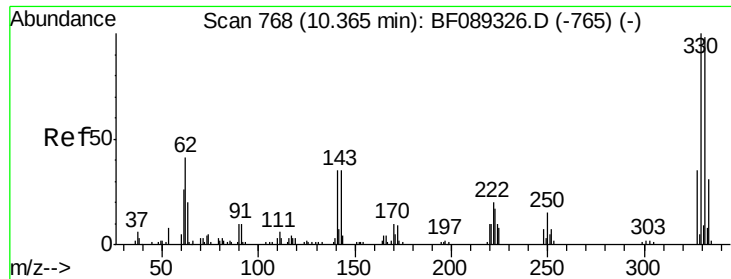
#40
 Hexachlorocyclopentadiene
 Concen: 17.25 ng
 RT: 8.70 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Tgt Ion:	237	Resp:	15049
Ion Ratio	Lower	Upper	
237	100		
235	59.6	41.6	81.6
272	11.1	0.0	30.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





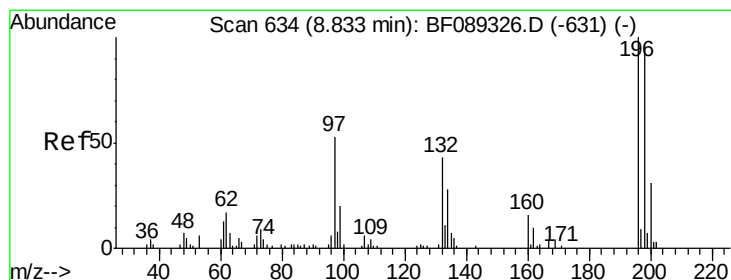
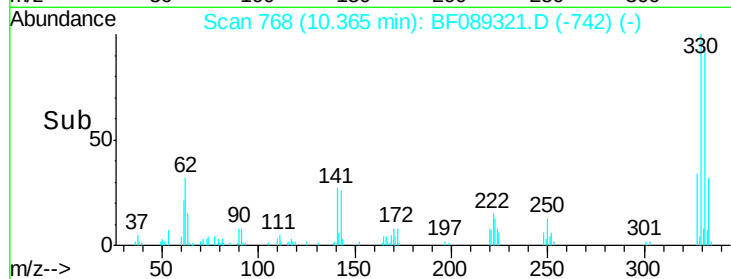
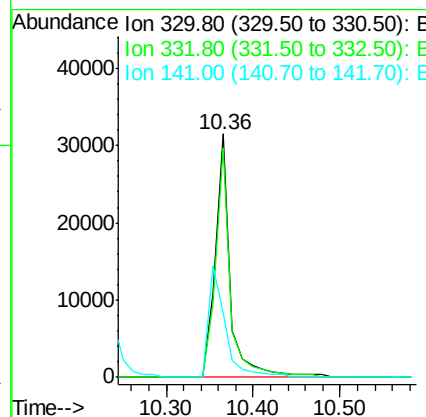
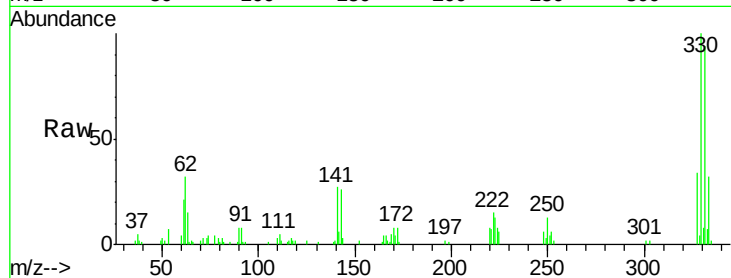
#41
 2,4,6-Tribromophenol
 Concen: 47.21 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.6	76.8	115.2
141	49.7	37.3	55.9

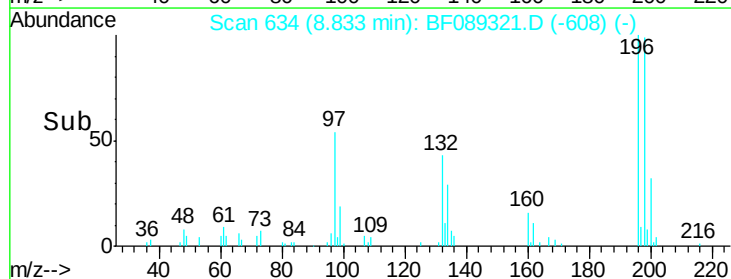
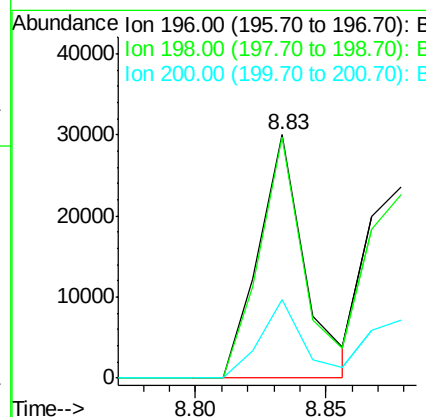
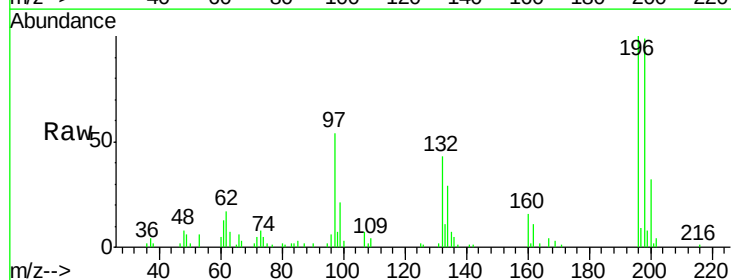
Manual Integrations

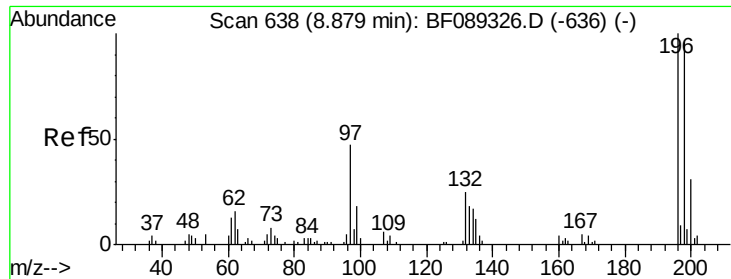
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#42
 2,4,6-Trichlorophenol
 Concen: 20.18 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.8	75.5	113.3
200	32.4	23.9	35.9





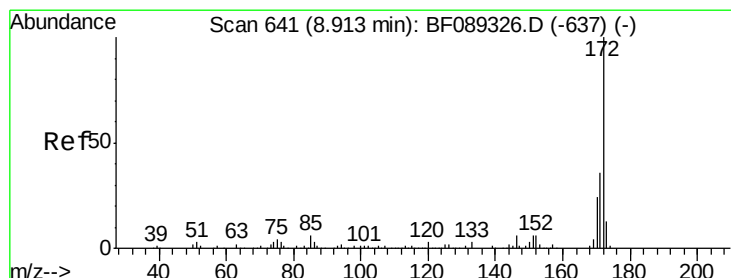
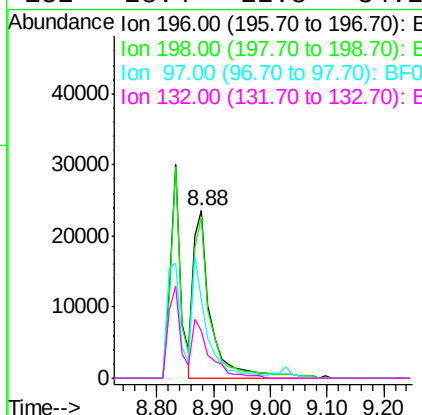
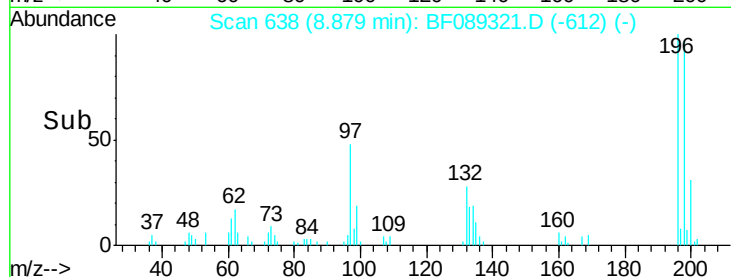
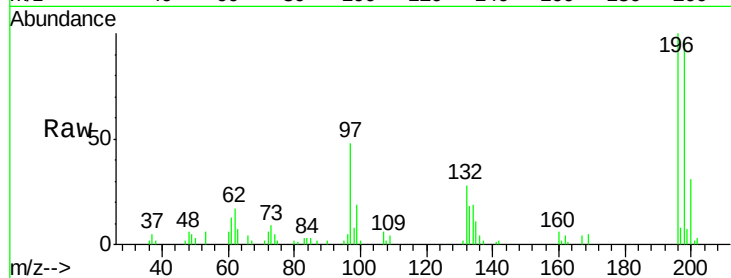
#43
 2,4,5-Trichlorophenol
 Concen: 27.01 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:	196	Resp:	50483
Ion Ratio	Lower	Upper	
196	100		
198	96.6	78.7	118.1
97	47.7	39.7	59.5
132	28.4	22.8	34.2

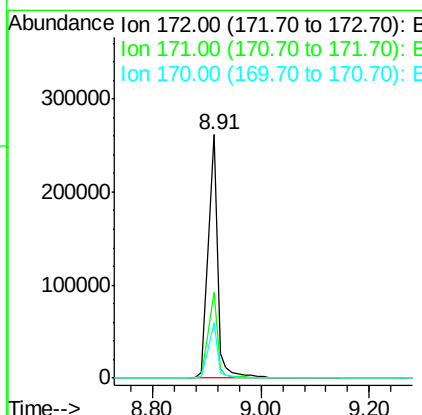
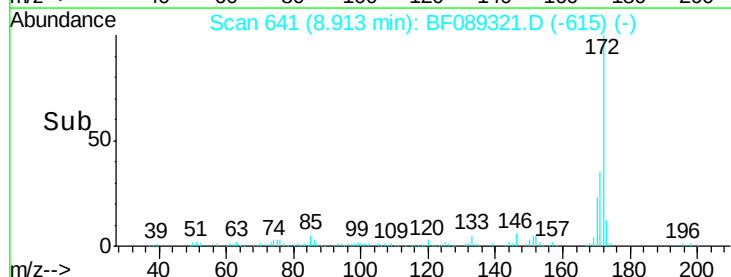
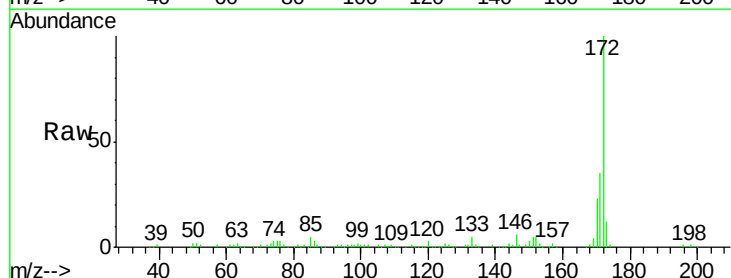
Manual Integrations

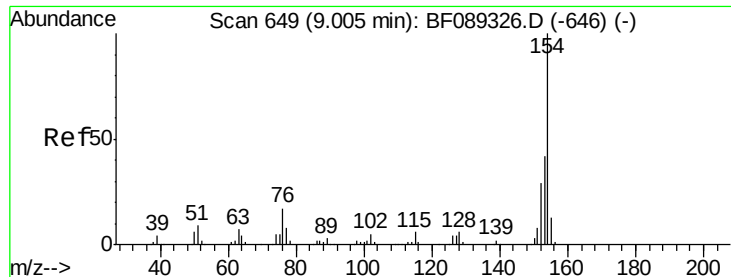
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#44
 2-Fluorobiphenyl
 Concen: 49.04 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Tgt Ion:	172	Resp:	318437
Ion Ratio	Lower	Upper	
172	100		
171	35.2	29.2	43.8
170	23.0	19.2	28.8





#45

1,1'-Biphenyl

Concen: 24.01 ng

RT: 9.00 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:154 Resp: 194532

Ion Ratio Lower Upper

154 100

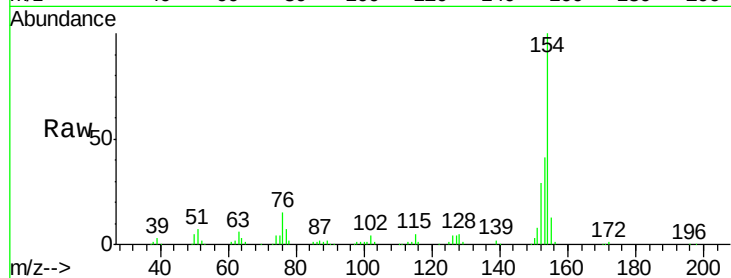
153 41.0 21.0 61.0

76 14.6 0.0 36.6

Manual Integrations

sohil

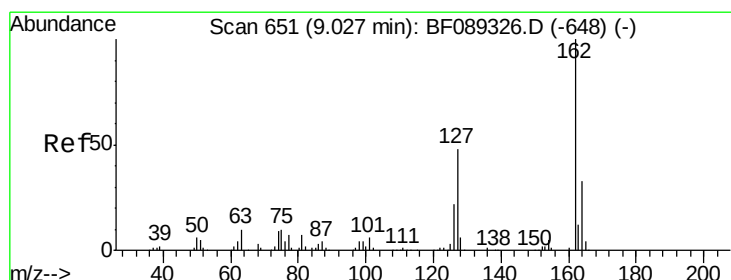
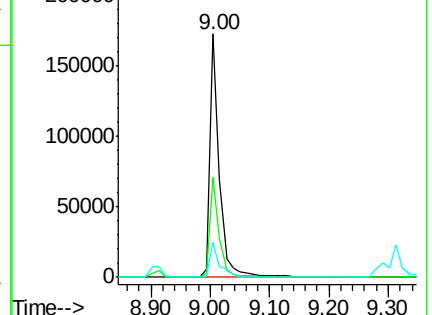
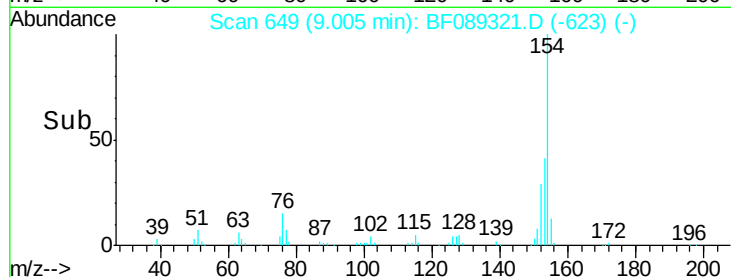
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 24.42 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

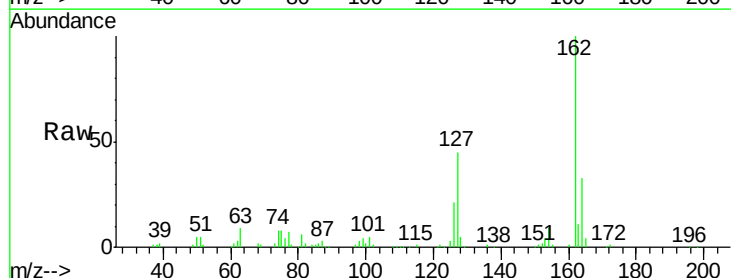
Tgt Ion:162 Resp: 150315

Ion Ratio Lower Upper

162 100

127 44.7 37.8 56.8

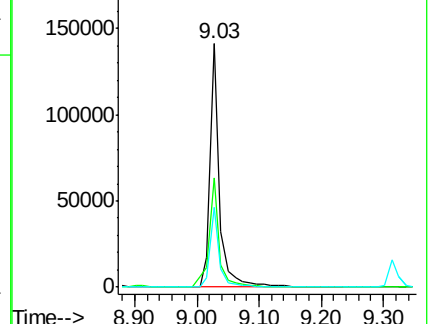
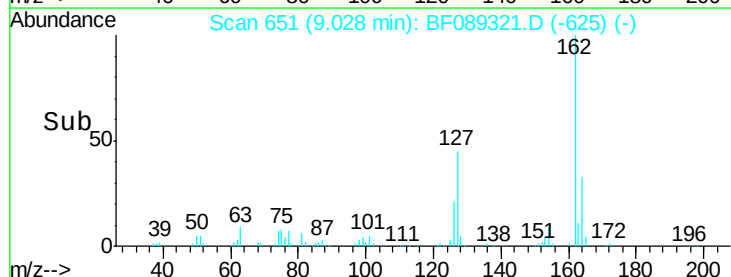
164 32.7 25.8 38.8

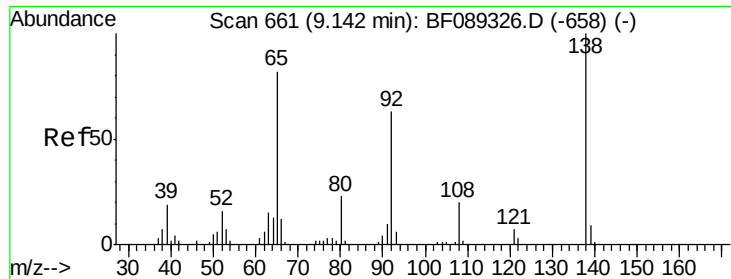


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





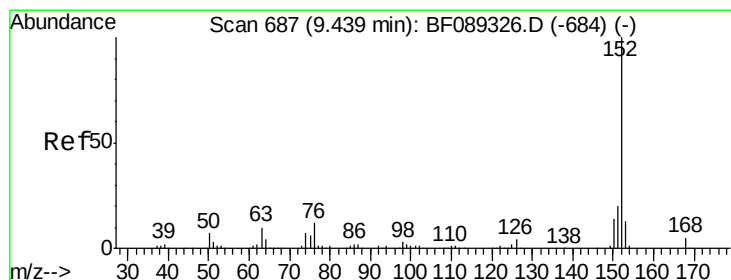
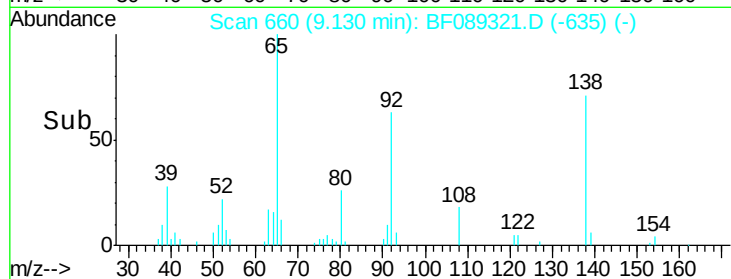
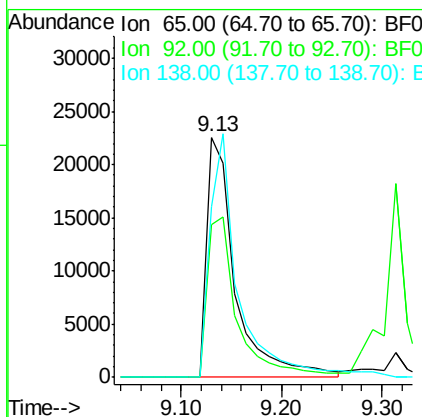
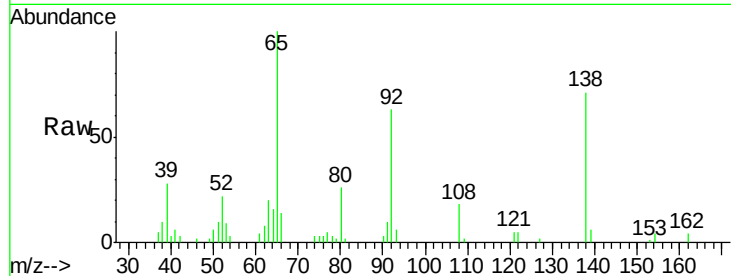
#47
2-Nitroaniline
Concen: 21.43 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.4	61.0	91.4
138	70.8	99.1	148.7#

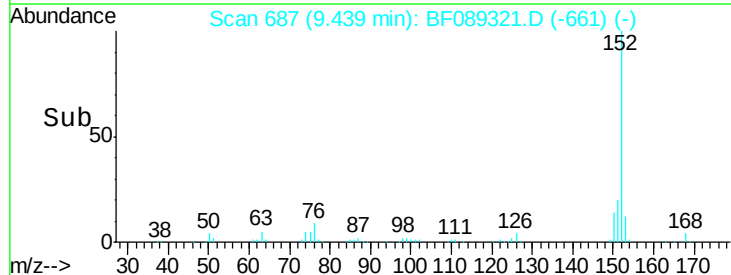
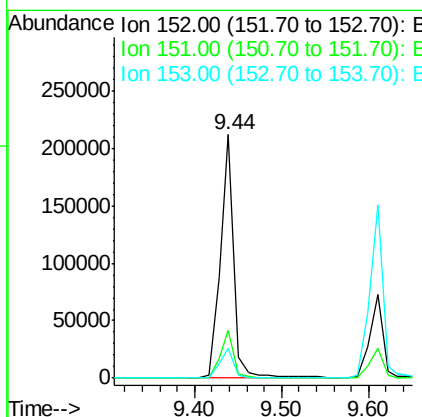
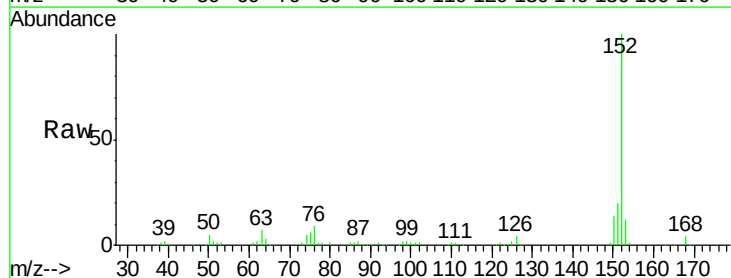
Manual Integrations

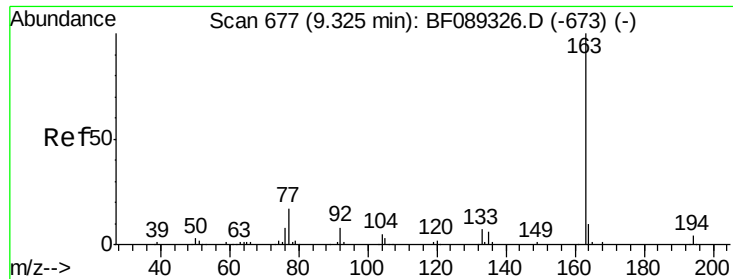
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#48
Acenaphthylene
Concen: 23.75 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	12.3	10.2	15.4





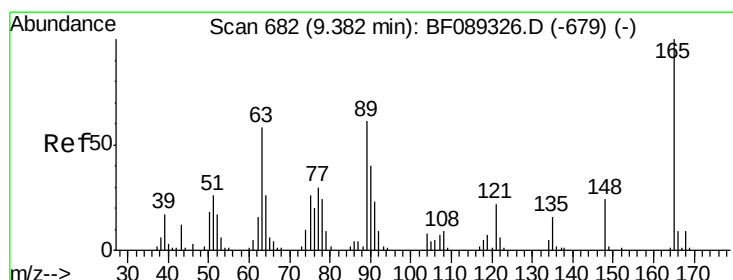
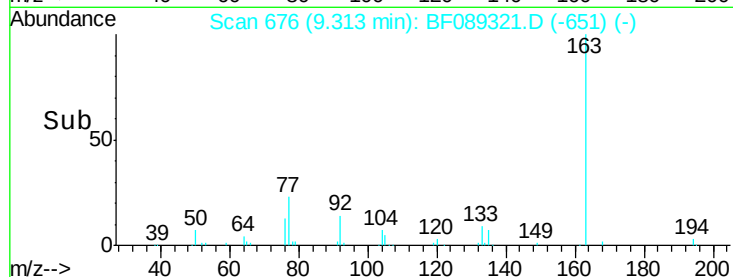
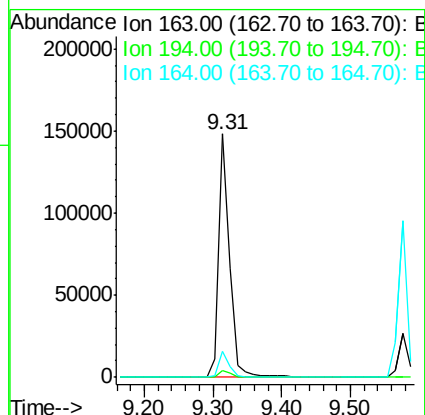
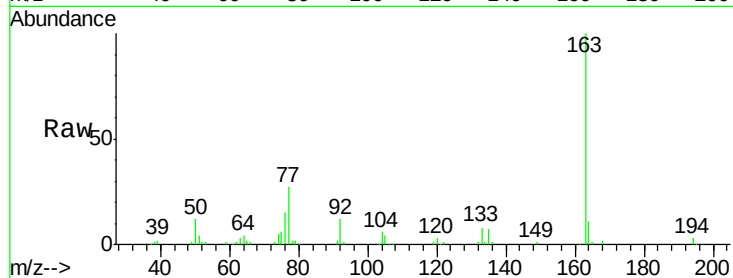
#49
Dimethylphthalate
Concen: 24.30 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:163 Resp: 167423
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.8 7.8 11.8

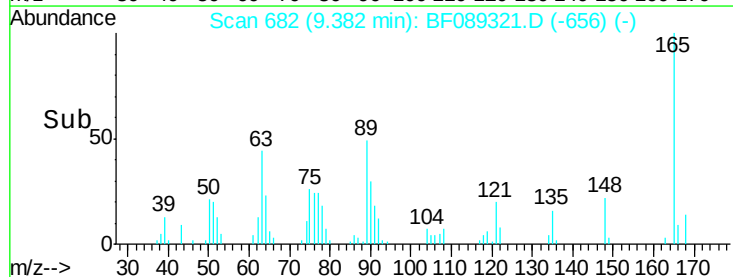
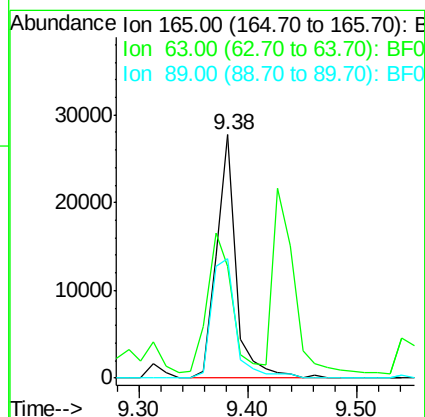
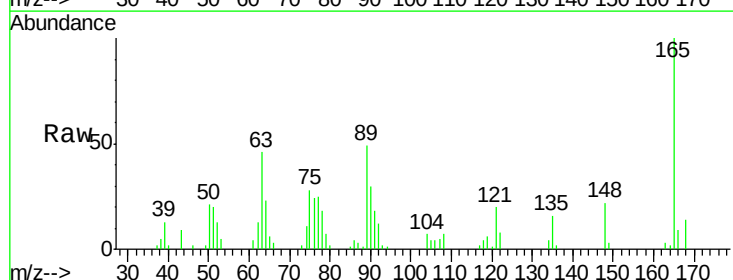
Manual Integrations

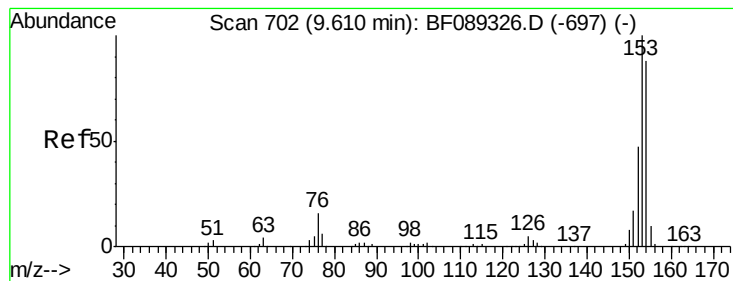
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#50
2,6-Dinitrotoluene
Concen: 22.70 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion:165 Resp: 35115
Ion Ratio Lower Upper
165 100
63 45.9 43.5 65.3
89 49.0 45.0 67.4





#51

Acenaphthene

Concen: 23.57 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:154 Resp: 135069

Ion Ratio Lower Upper

154 100

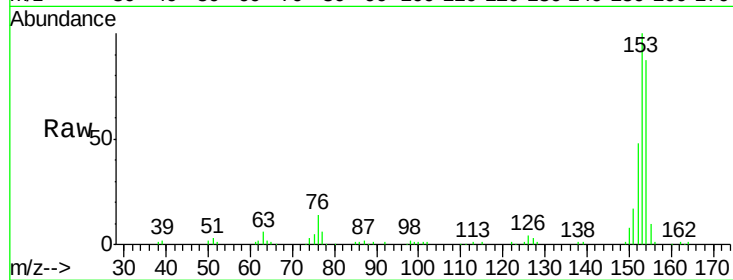
153 114.3 91.4 137.2

152 54.9 43.8 65.6

Manual Integrations

sohil

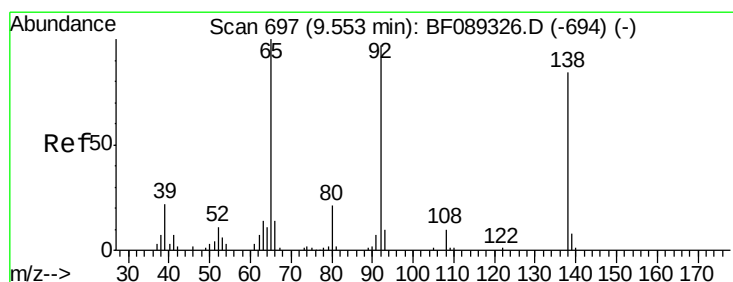
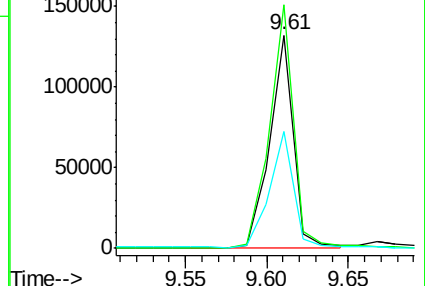
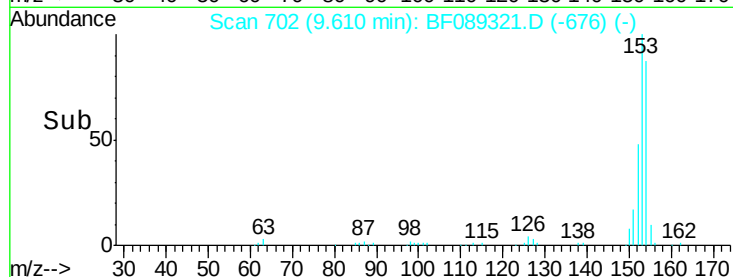
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.09 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

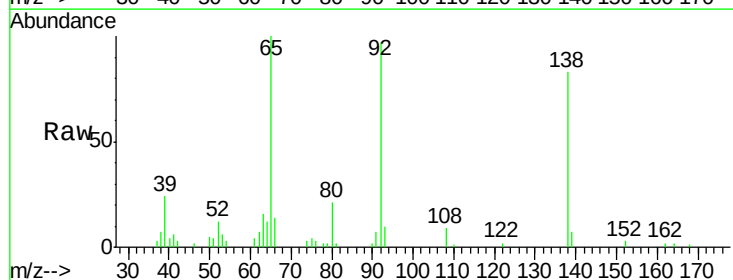
Tgt Ion:138 Resp: 39706

Ion Ratio Lower Upper

138 100

108 10.8 8.6 13.0

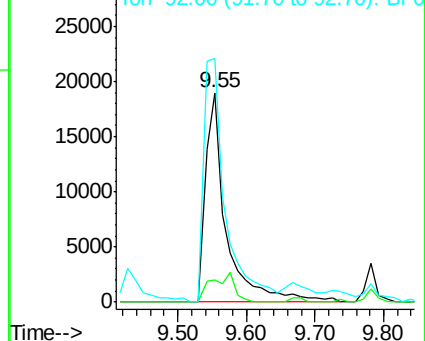
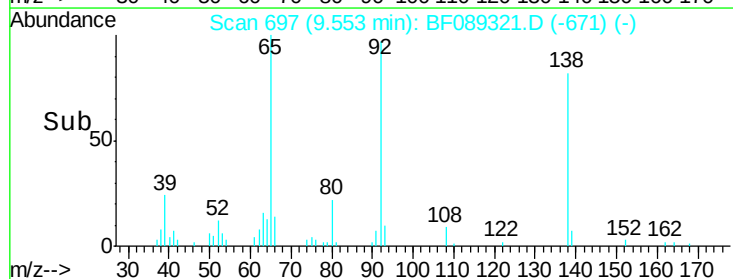
92 116.4 90.0 135.0

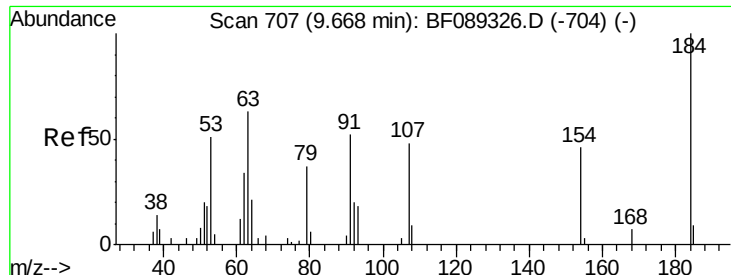


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





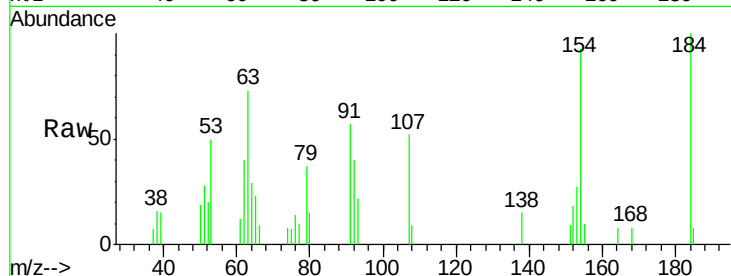
#53
2,4-Dinitrophenol
Concen: 14.05 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

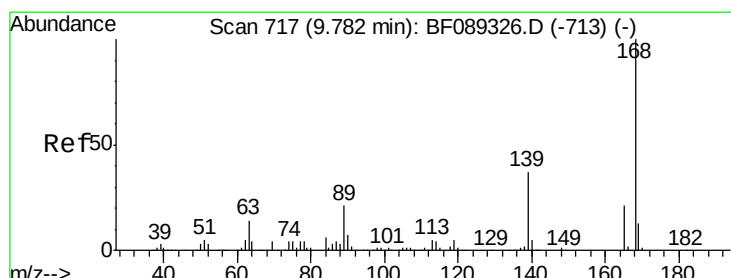
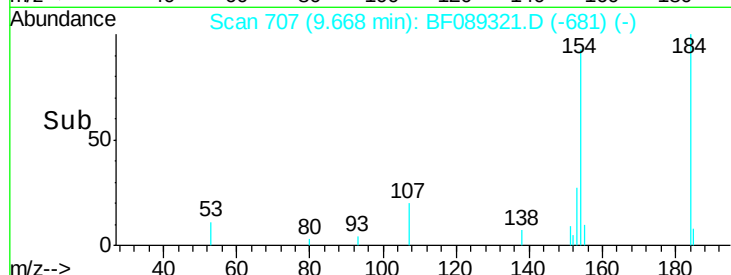
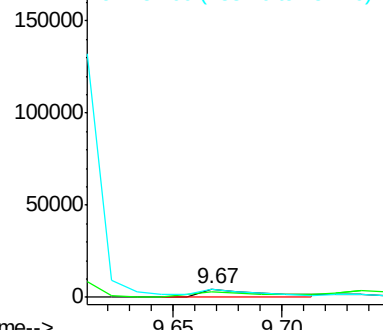
Tot Ion	Ratio	Lower	Upper
184	100		
63	73.4	60.6	90.8
154	92.8	69.8	104.8

Manual Integrations

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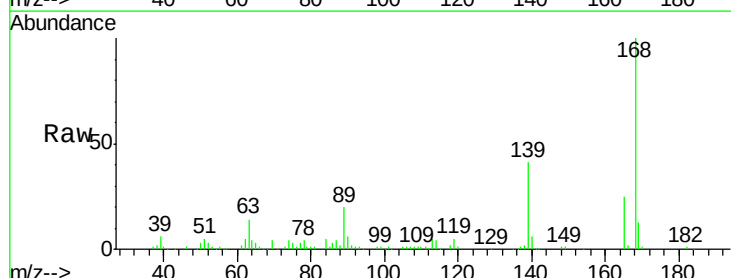


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

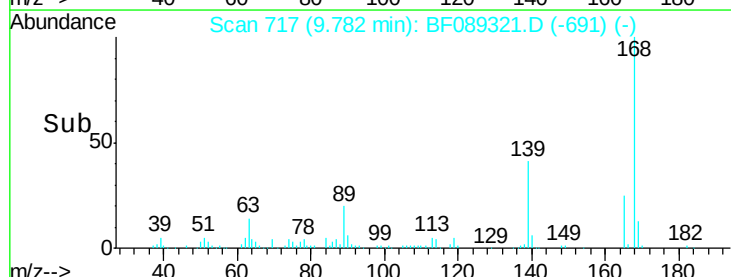
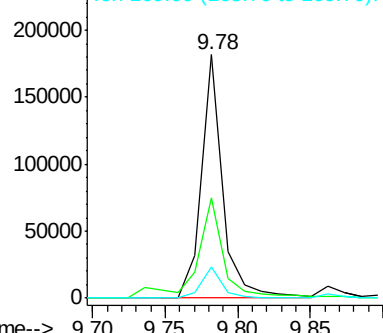


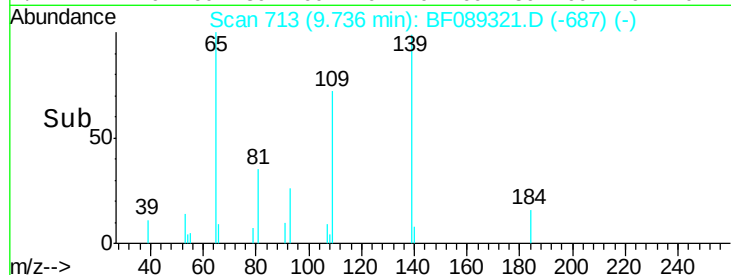
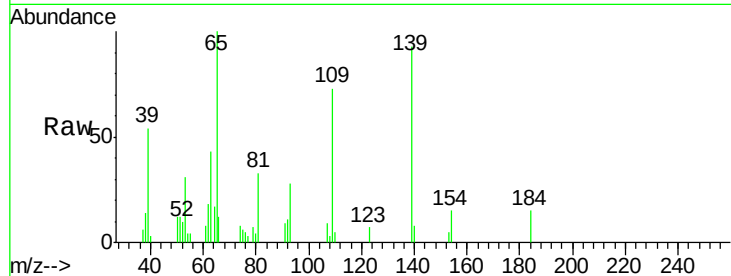
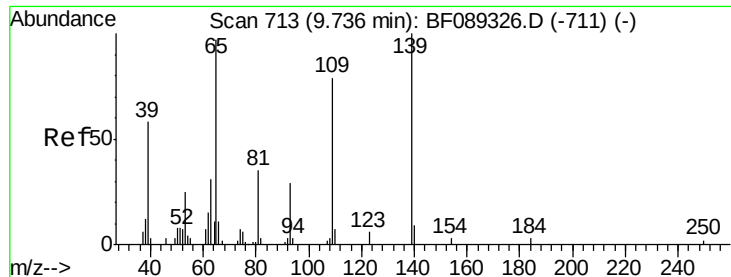
#54
Dibenzofuran
Concen: 23.97 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.0	33.7	50.5
169	13.0	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: 13.19 ng/mL

RT: 9.74 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Tot Ion:	139	Resp:	13710
Ion Ratio	Lower	Upper	
139	100		
109	78.7	57.8	97.8
65	108.0	81.7	121.7

Instrument :

BNA_F

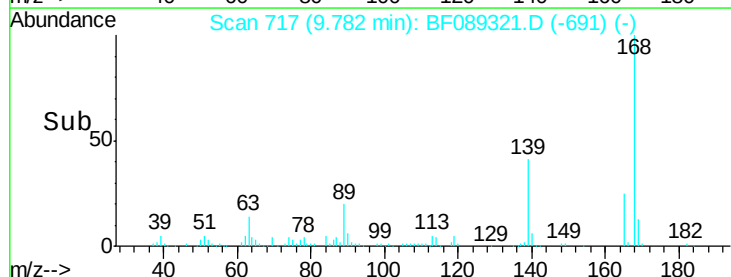
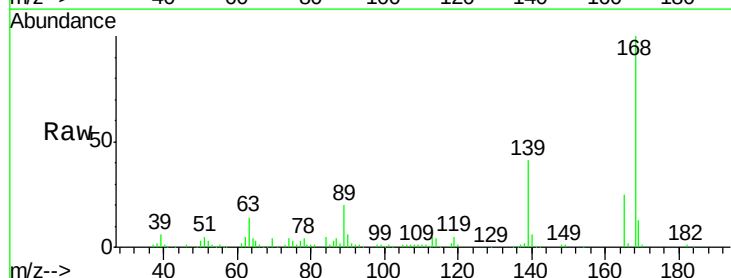
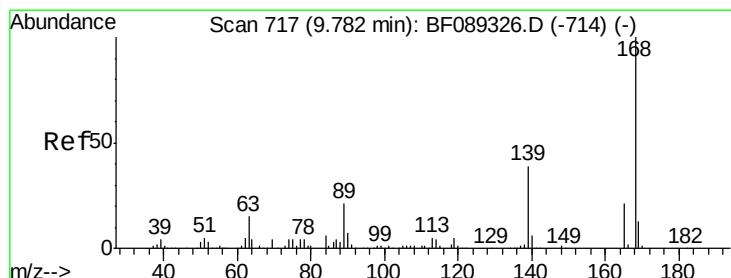
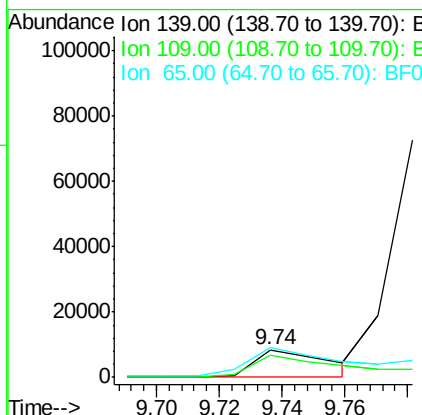
ClientSampleId :

SSTDIC025

Manual Integrations

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#56

2,4-Dinitrotoluene

Concen: 25.42 ng/mL

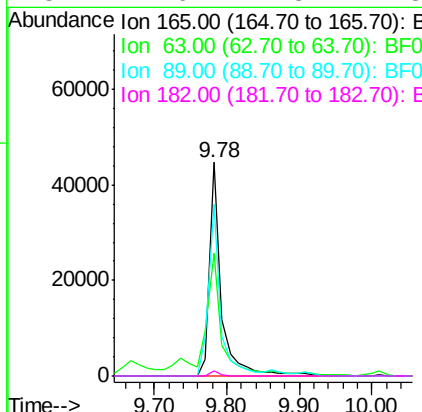
RT: 9.78 min Scan# 717

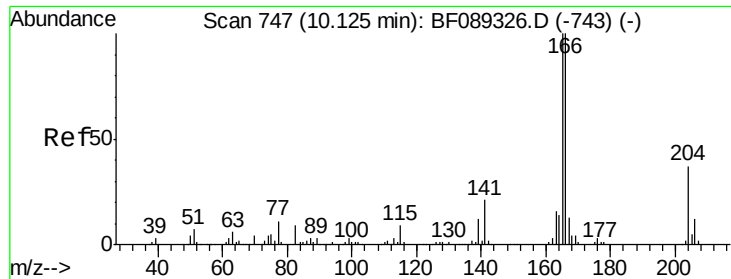
Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Tgt Ion:	165	Resp:	51010
Ion Ratio	Lower	Upper	
165	100		
63	57.5	58.2	87.2#
89	80.1	79.1	118.7
182	2.6	1.8	2.8





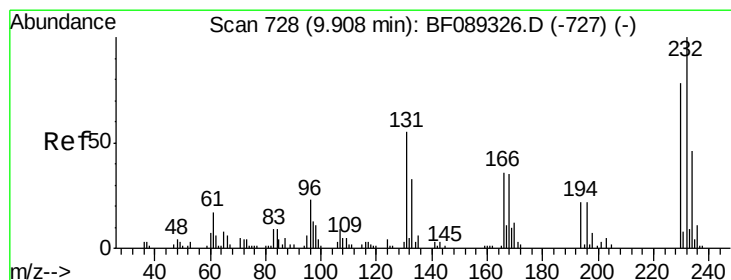
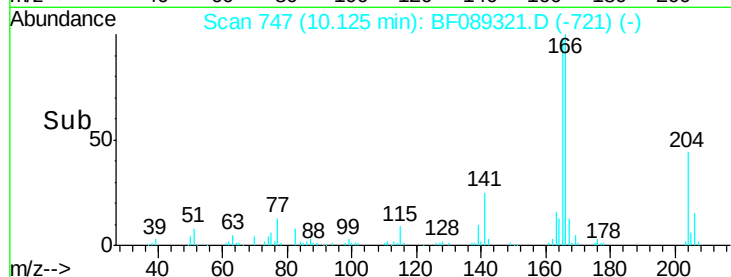
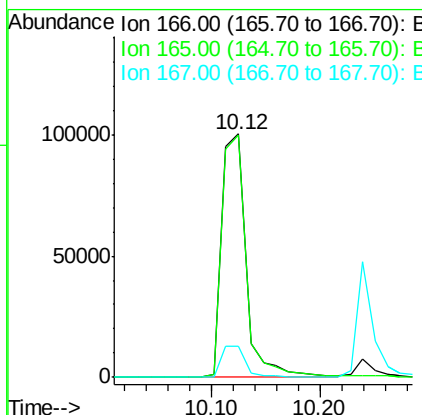
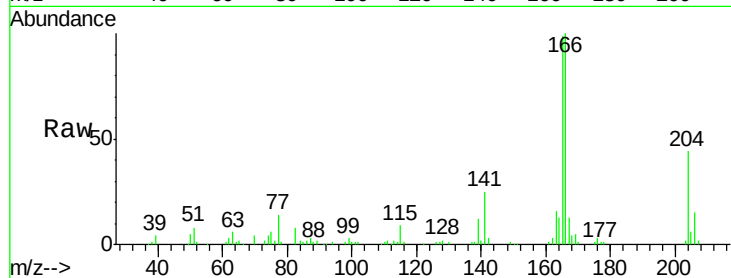
#57
Fluorene
Concen: 24.12 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Instrument :
BNA_F
ClientSampled :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.0	118.4
167	12.9	10.2	15.2

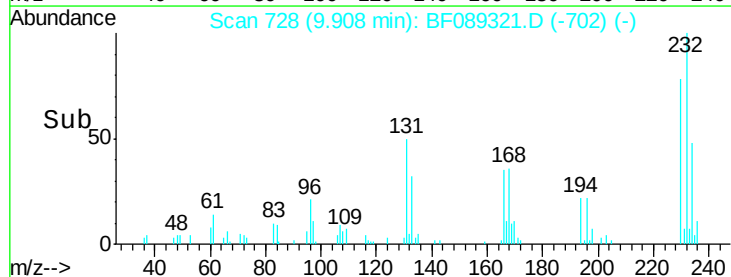
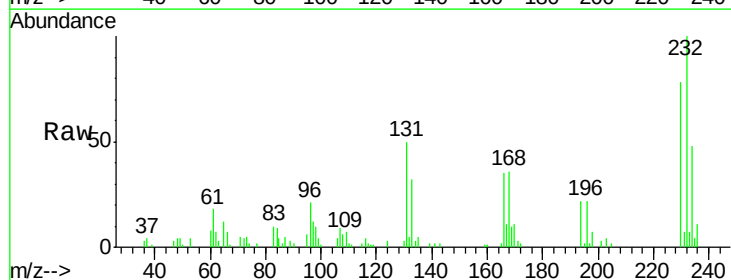
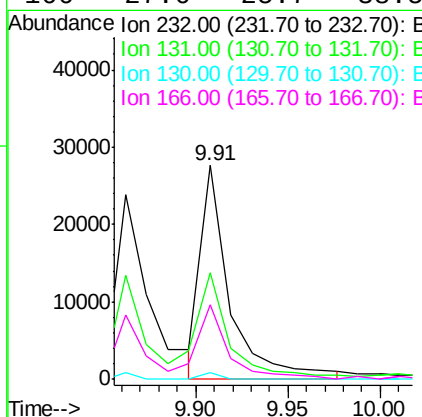
Manual Integrations

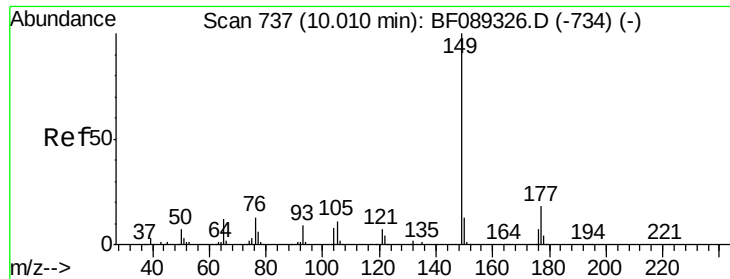
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#58
2,3,4,6-Tetrachlorophenol
Concen: 22.71 ng m
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.6	42.7	64.1
130	1.8	1.7	2.5
166	27.6	25.7	38.5





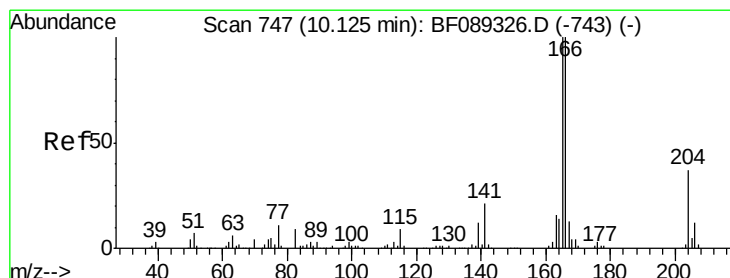
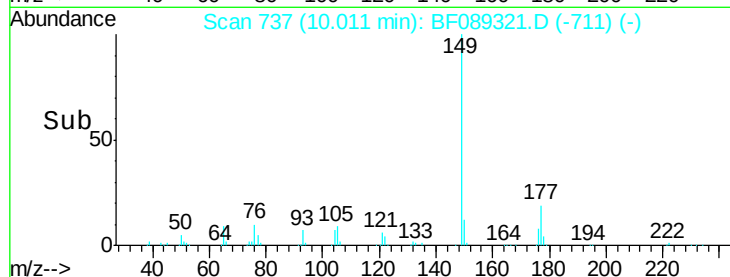
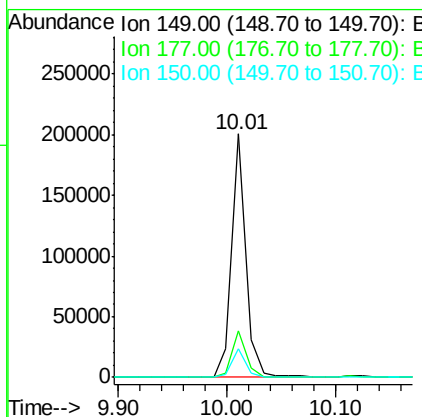
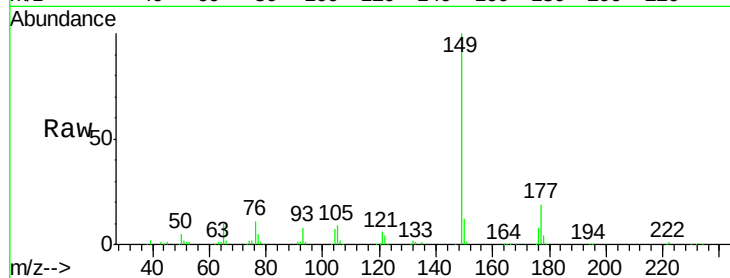
#59
Diethylphthalate
Concen: 26.51 ng
RT: 10.01 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Instrument :
BNA_F
ClientSampled :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.2	15.1	22.7
150	11.9	10.2	15.4

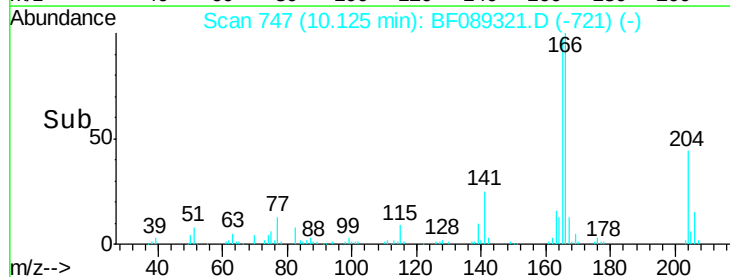
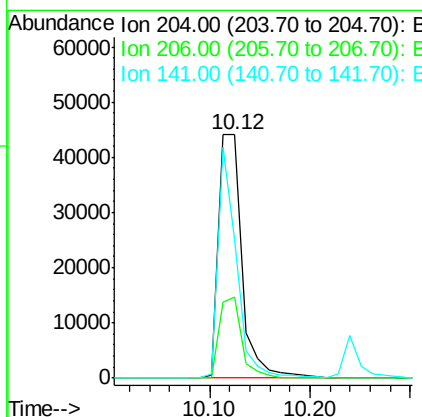
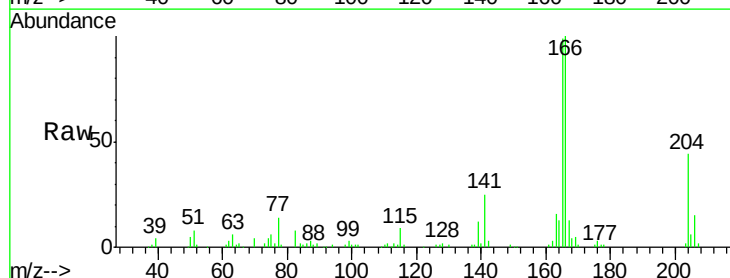
Manual Integrations

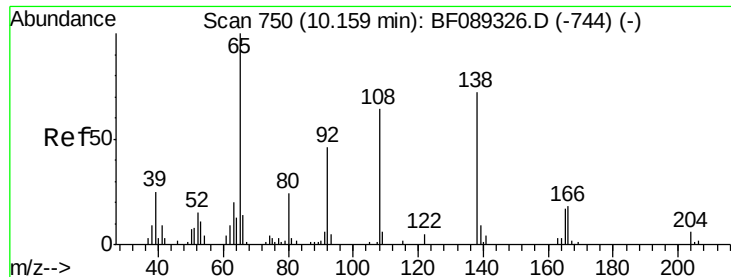
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 23.91 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	39.8
141	56.9	46.6	70.0





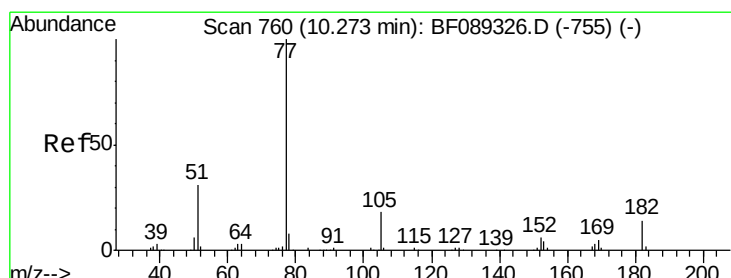
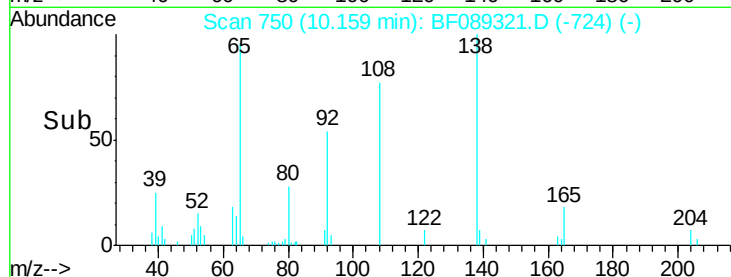
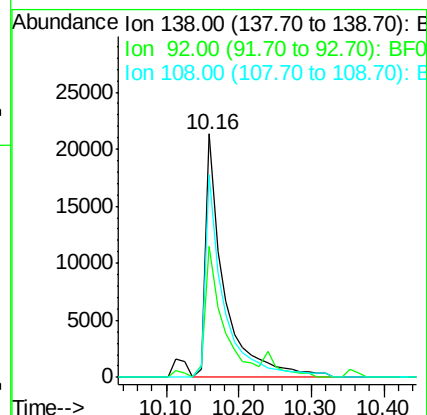
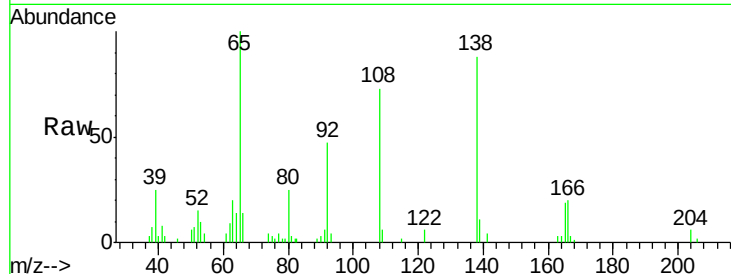
#61
4-Nitroaniline
Concen: 21.15 ng
RT: 10.16 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion:138 Resp: 37740
Ion Ratio Lower Upper
138 100
92 53.9 41.2 81.2
108 83.5 69.6 109.6

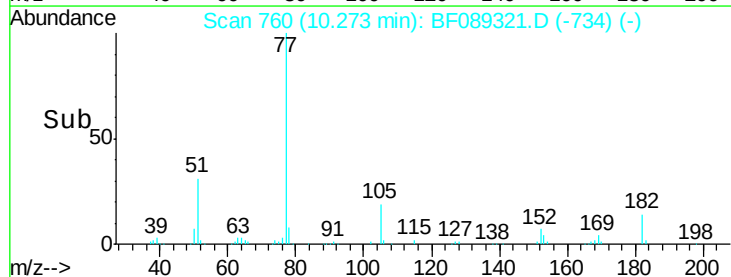
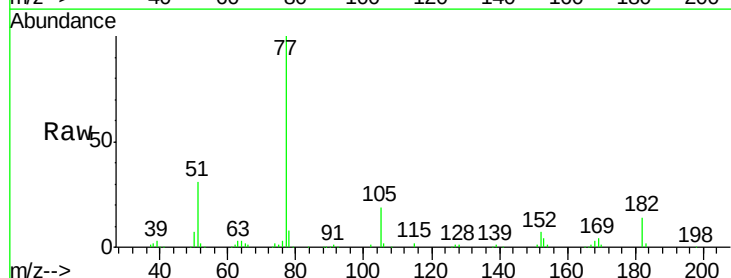
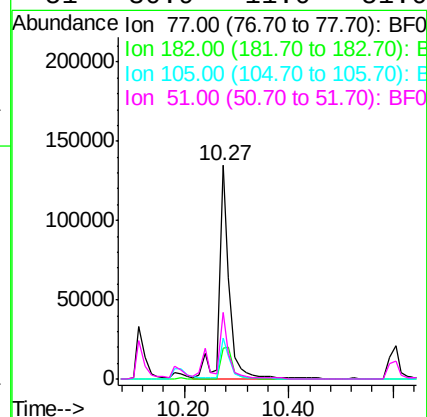
Manual Integrations

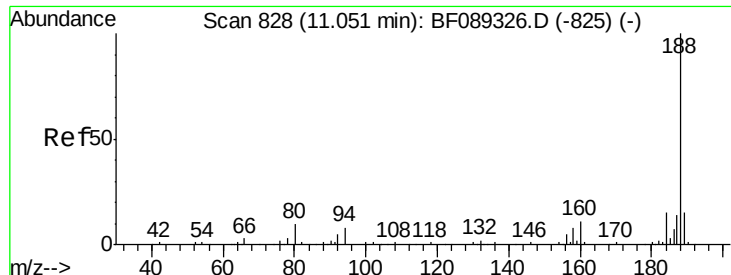
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#62
Azobenzene
Concen: 24.00 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion: 77 Resp: 178877
Ion Ratio Lower Upper
77 100
182 14.4 0.0 33.8
105 19.3 0.0 39.8
51 30.9 11.0 51.0





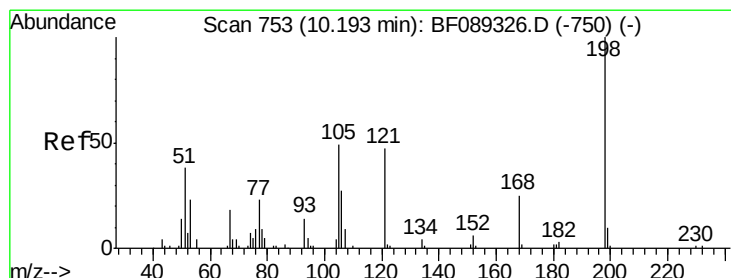
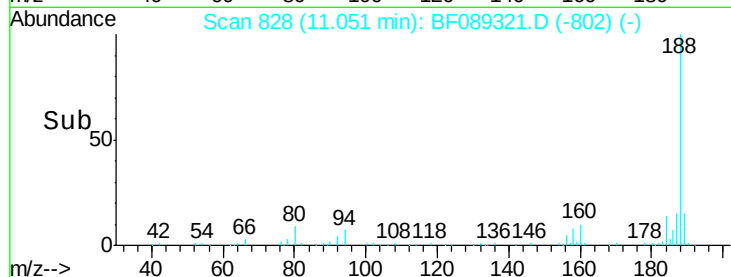
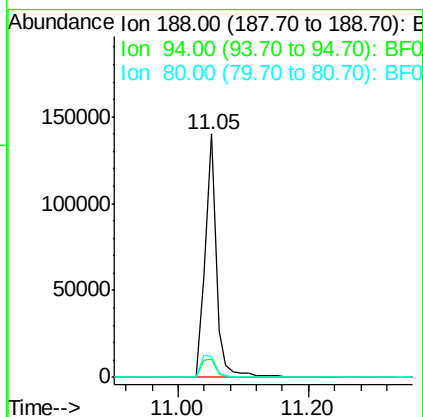
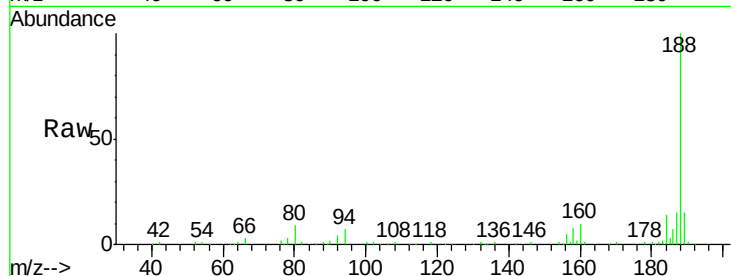
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.5	9.7
80	8.8	7.2	10.8

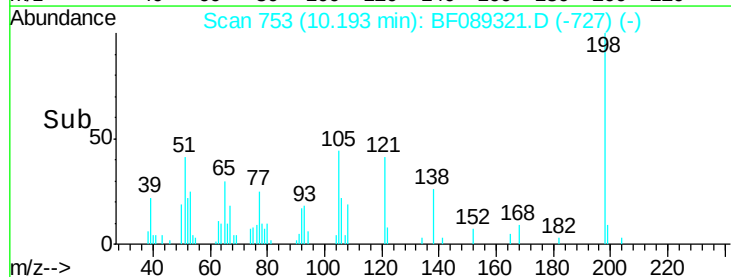
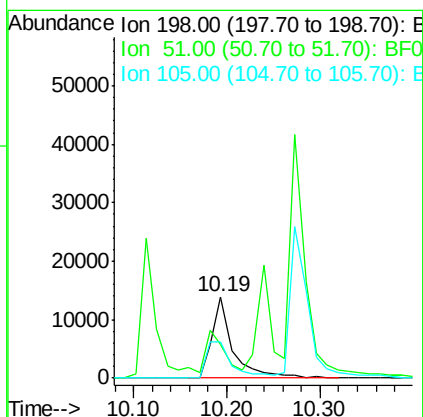
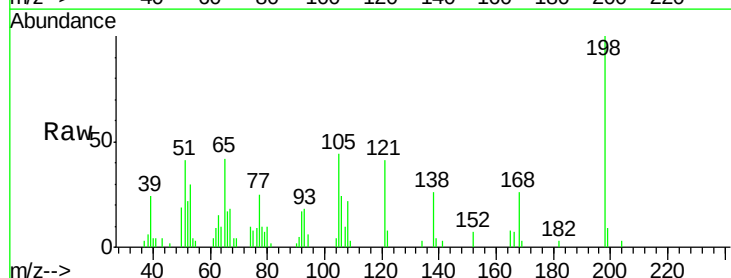
Manual Integrations

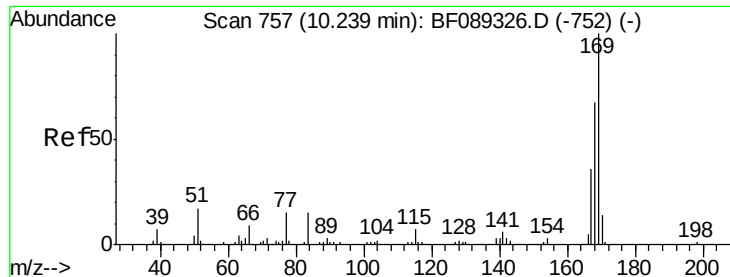
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 22.19 ng
 RT: 10.19 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Tgt Ion	Ratio	Lower	Upper
198	100		
51	41.2	23.0	63.0
105	43.7	28.3	68.3





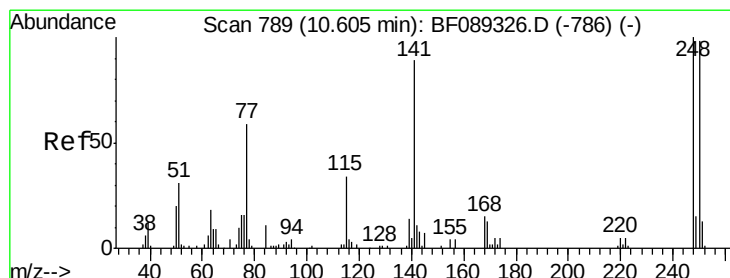
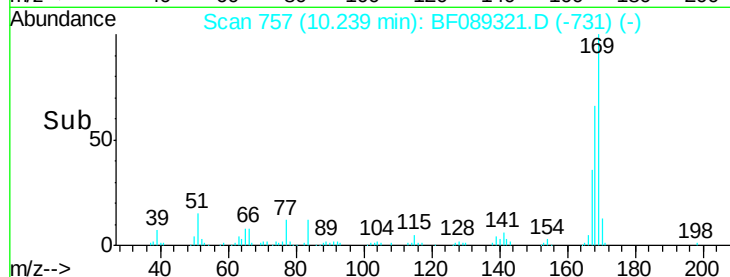
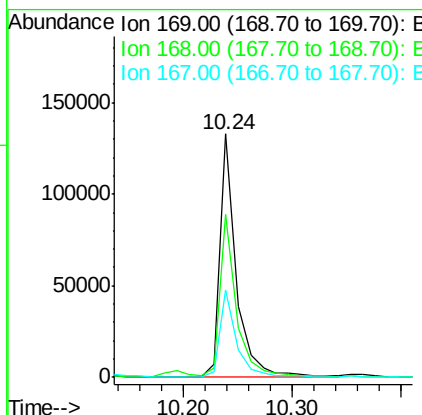
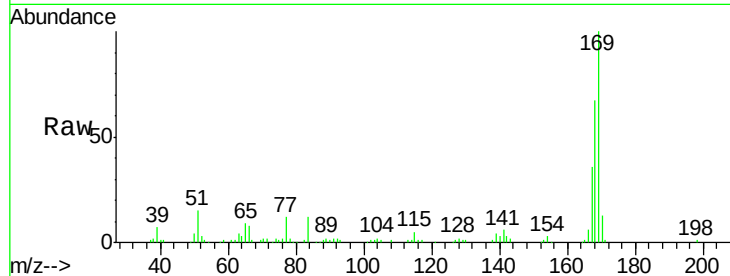
#65
n-Nitrosodiphenylamine
Concen: 24.98 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.9	55.4	83.0
167	36.0	29.7	44.5

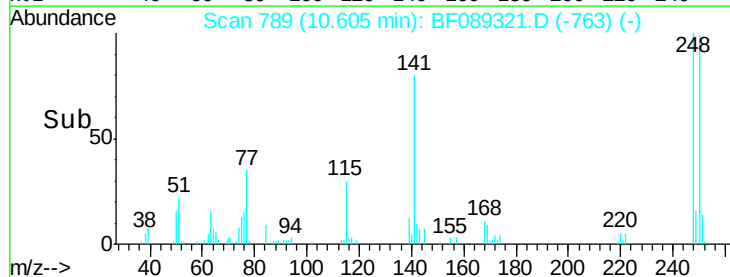
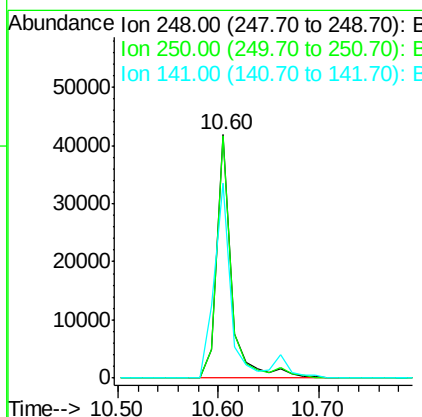
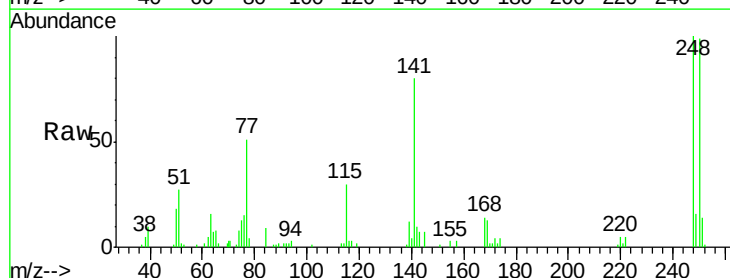
Manual Integrations

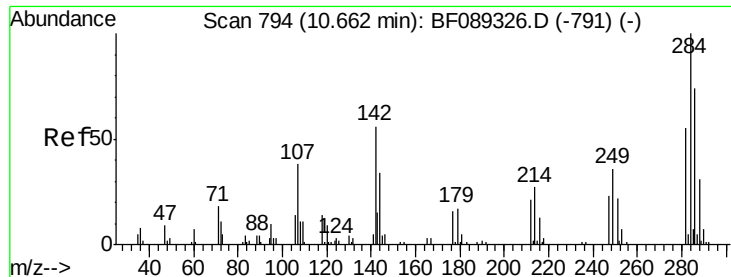
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#66
4-Bromophenyl-phenylether
Concen: 25.71 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.2	117.2
141	80.2	62.0	93.0





#67

Hexachlorobenzene

Concen: 23.73 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:284 Resp: 42118

Ion Ratio Lower Upper

284 100

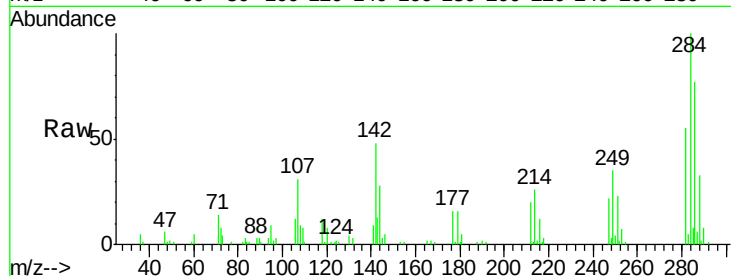
142 48.0 42.2 63.4

249 35.1 29.4 44.0

Manual Integrations

sohil

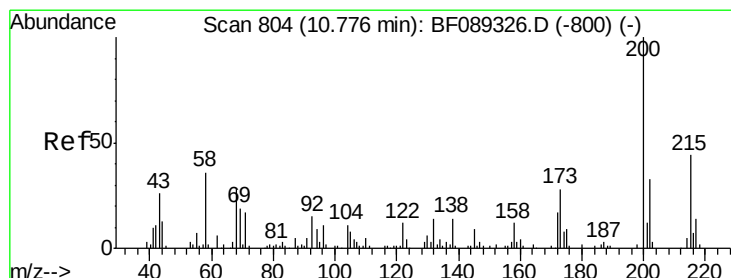
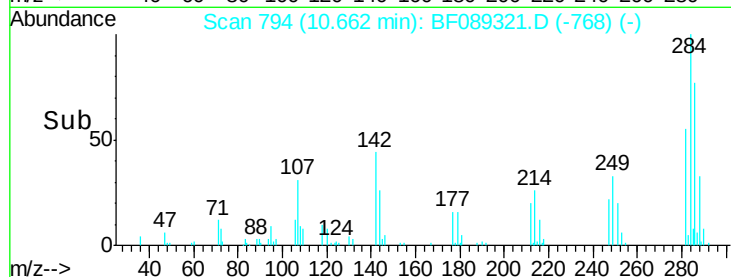
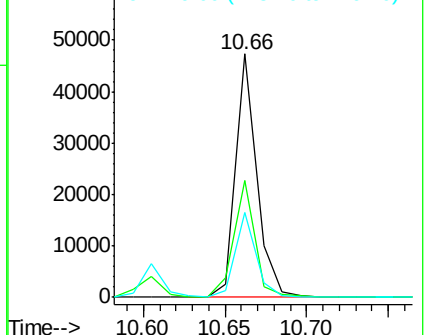
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 23.17 ng

RT: 10.78 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

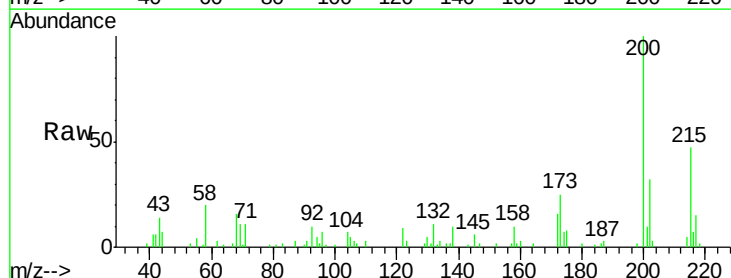
Tgt Ion:200 Resp: 40645

Ion Ratio Lower Upper

200 100

173 24.8 6.0 46.0

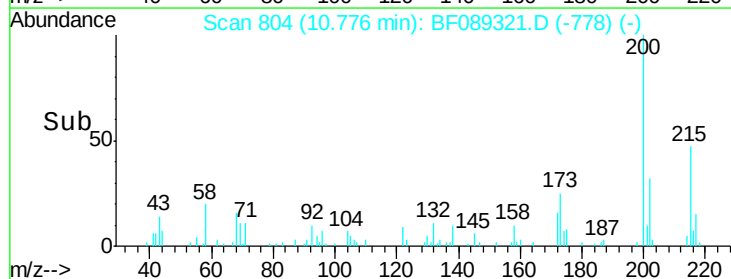
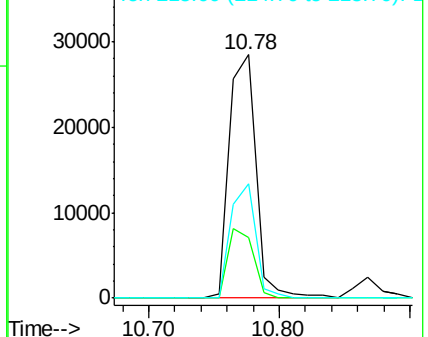
215 46.7 24.3 64.3

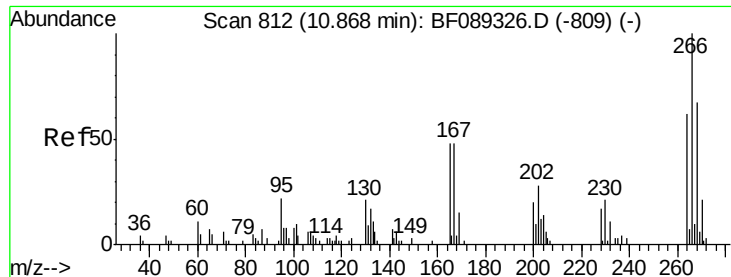


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





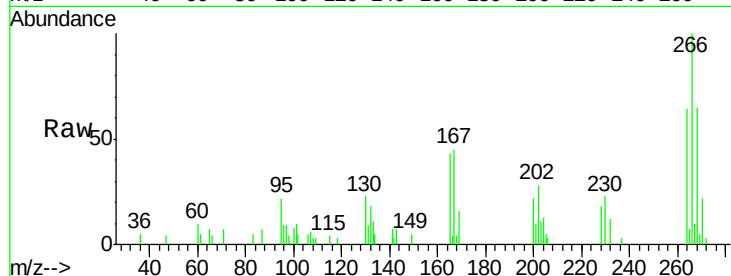
#69
 Pentachlorophenol
 Concen: 19.33 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	49.4	74.2
264	64.3	50.2	75.2

Manual Integrations

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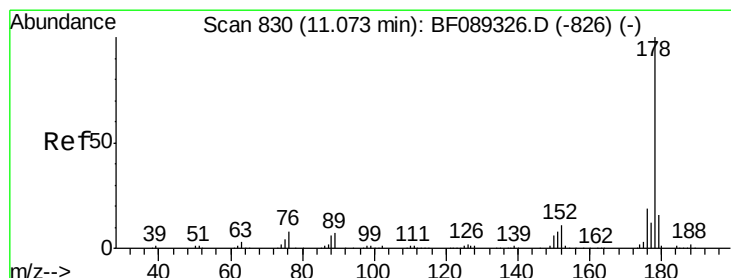
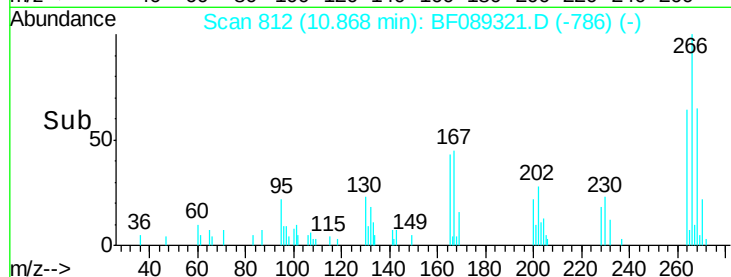
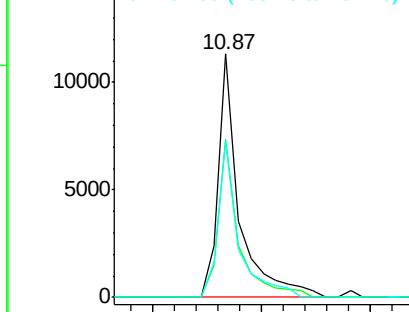


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 24.18 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

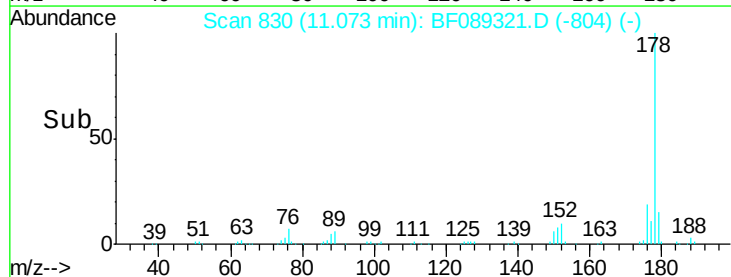
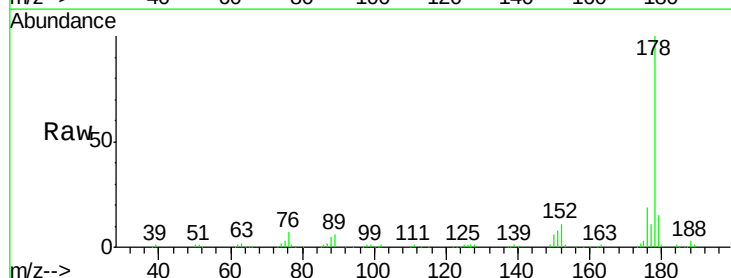
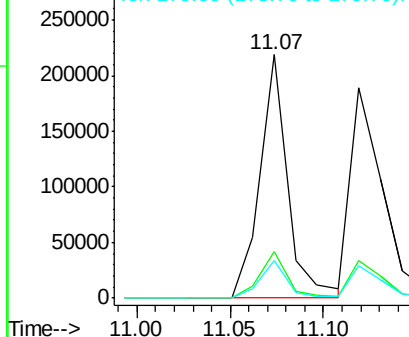
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.4	12.3	18.5

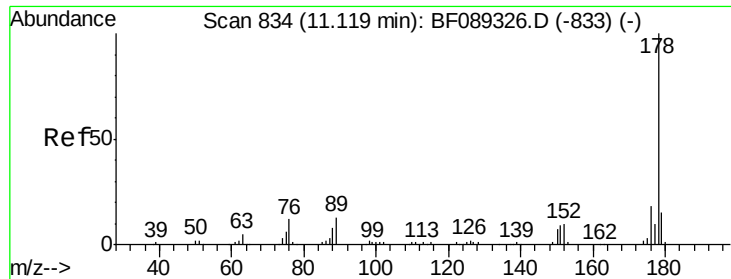
Abundance

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





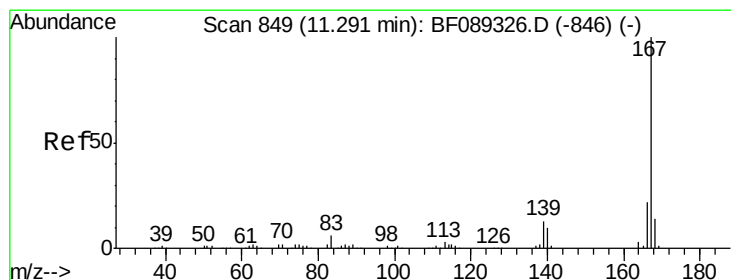
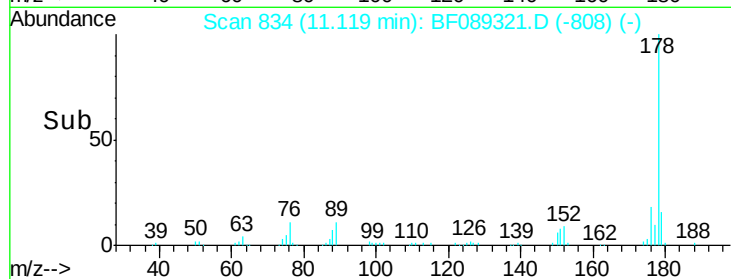
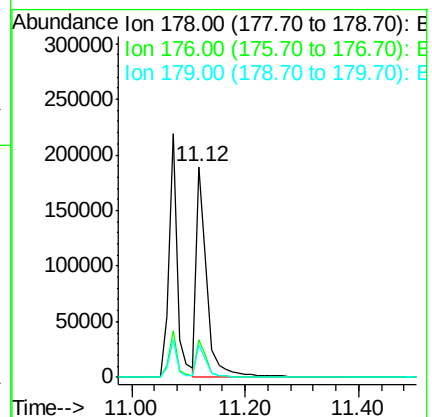
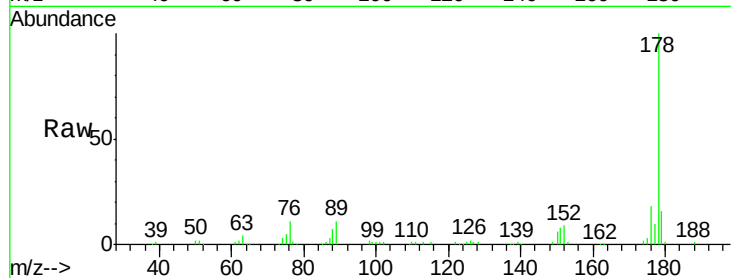
#71
 Anthracene
 Concen: 26.12 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.8	22.2
179	15.7	12.6	18.8

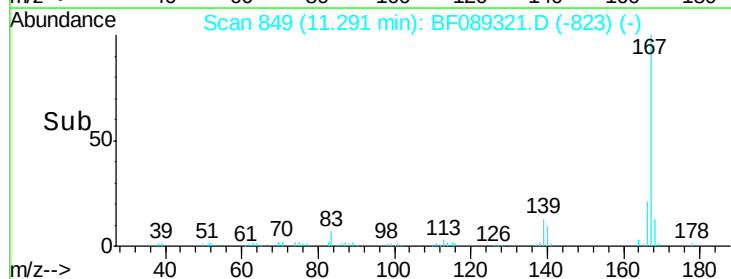
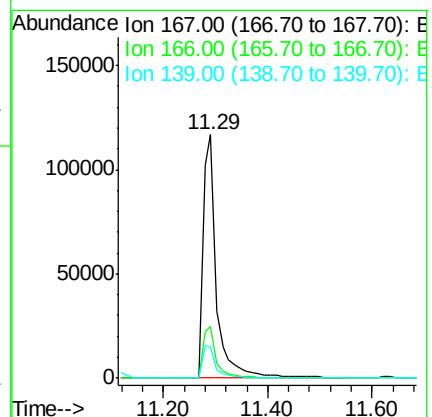
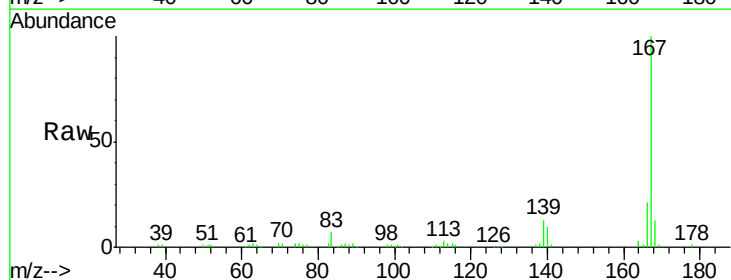
Manual Integrations

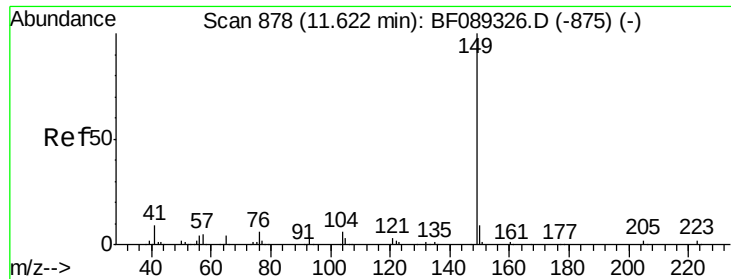
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#72
 Carbazole
 Concen: 25.15 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.6	26.4
139	12.7	10.1	15.1





#73

Di-n-butylphthalate

Concen: 25.22 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:149 Resp: 266083

Ion Ratio Lower Upper

149 100

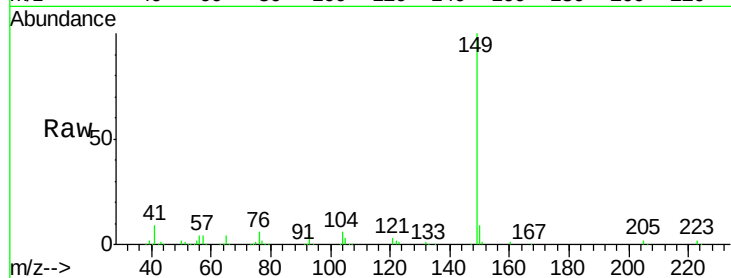
150 9.2 7.4 11.0

104 5.9 4.7 7.1

Manual Integrations

sohil

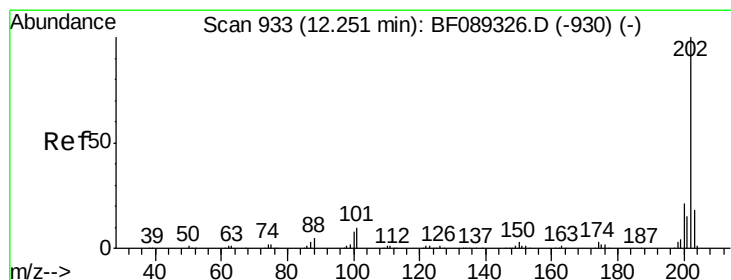
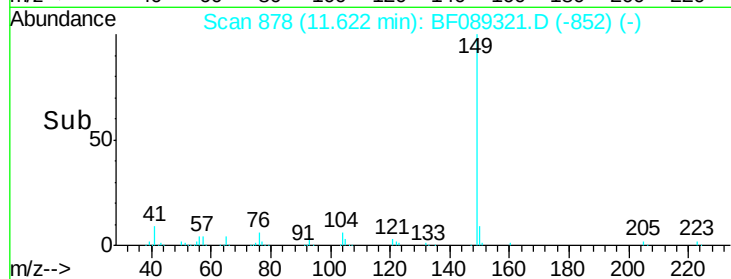
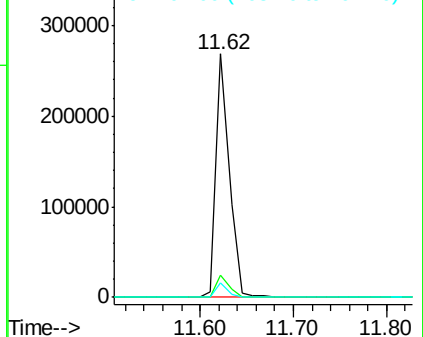
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 25.12 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

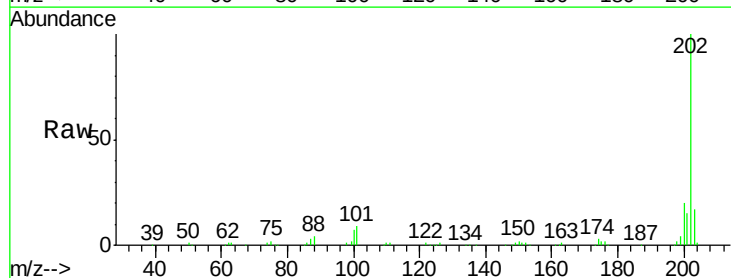
Tgt Ion:202 Resp: 246091

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.9

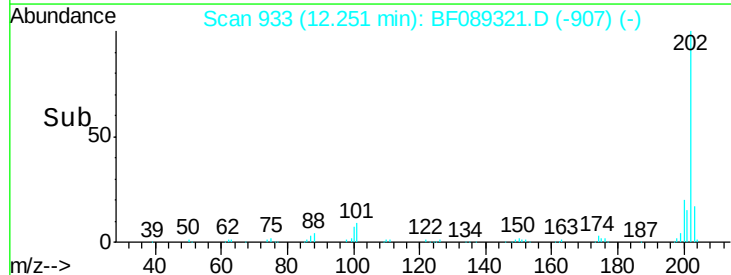
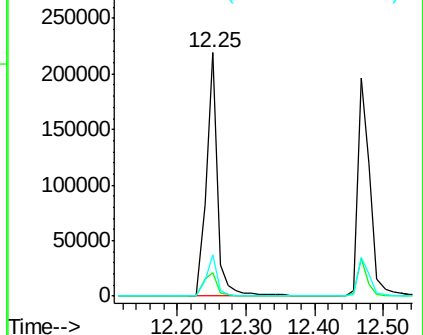
203 17.0 0.0 37.3

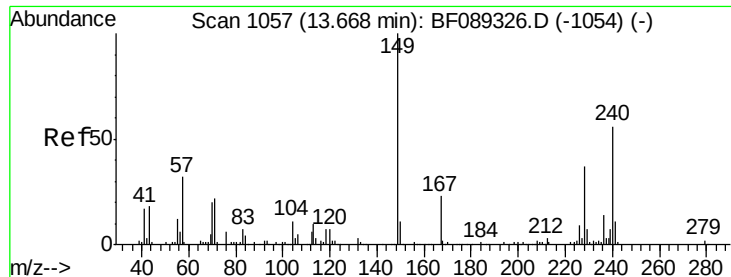


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

Tot Ion:240 Resp: 135673

Ion Ratio Lower Upper

240 100

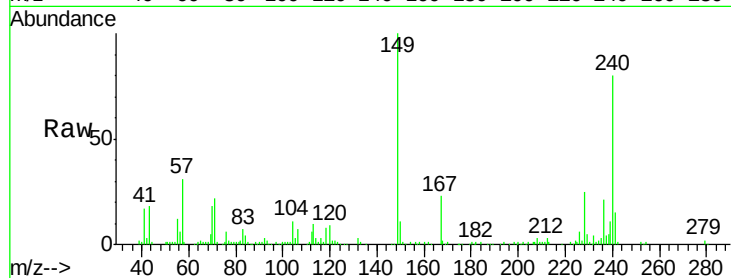
120 10.6 9.1 13.7

236 25.6 20.6 30.8

Manual Integrations

sohil

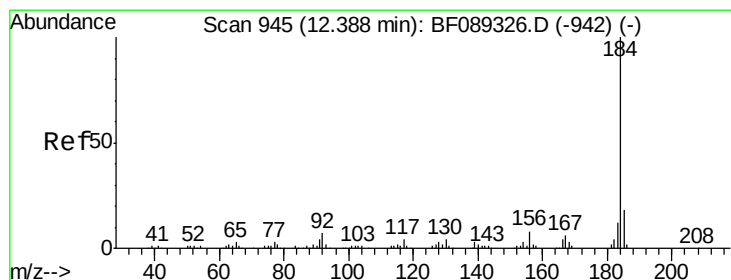
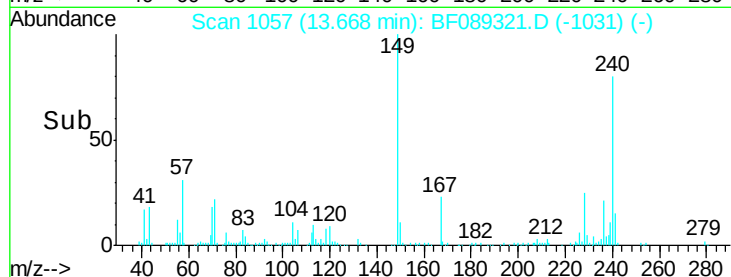
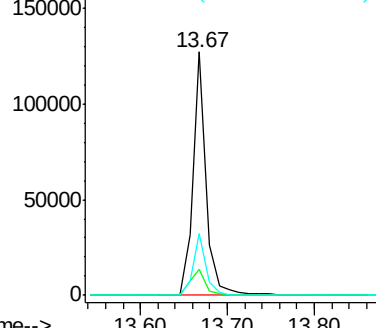
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.21 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

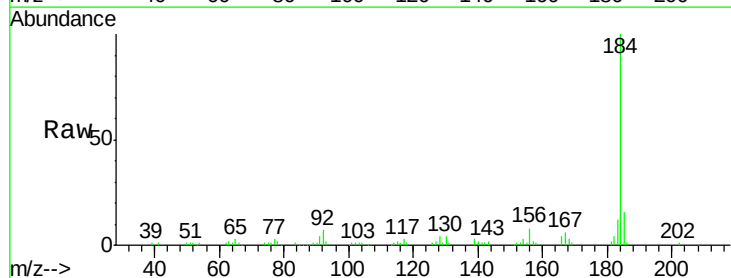
Tgt Ion:184 Resp: 123130

Ion Ratio Lower Upper

184 100

185 15.5 13.5 20.3

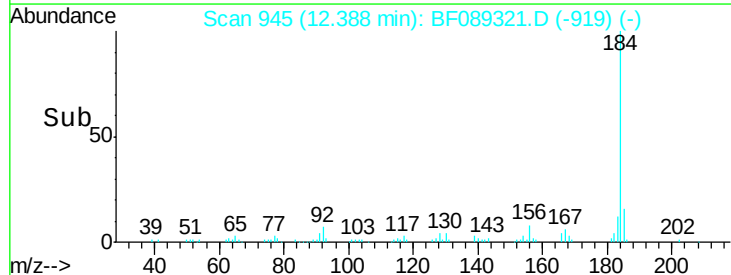
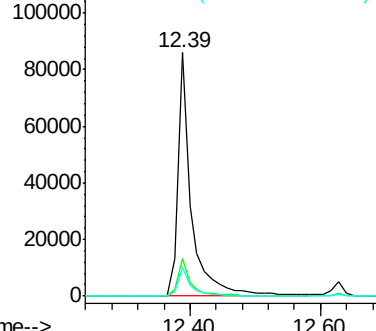
183 11.6 9.8 14.6

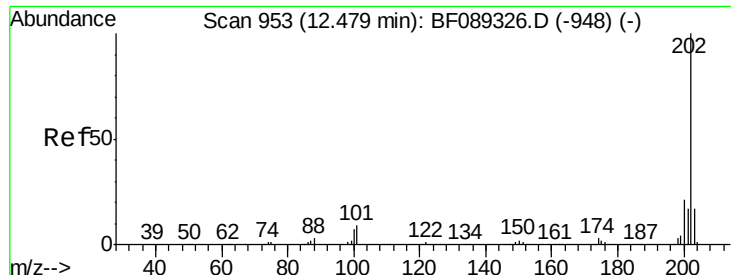


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 21.92 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampled :

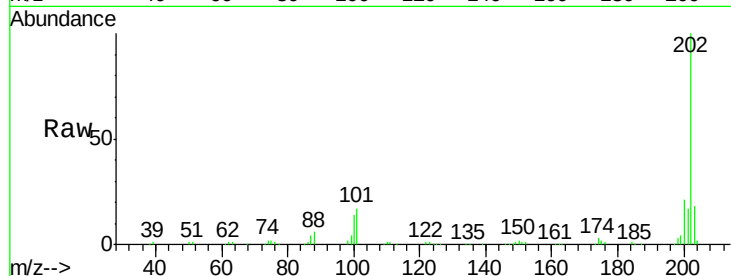
SSTDIC025

Tot Ion:	202	Resp:	240255
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.9	25.3
203	17.9	14.0	21.0

Manual Integrations

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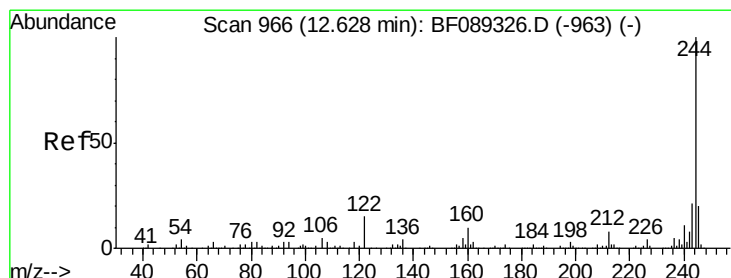
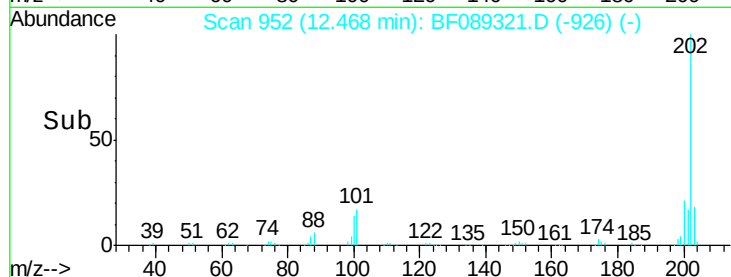
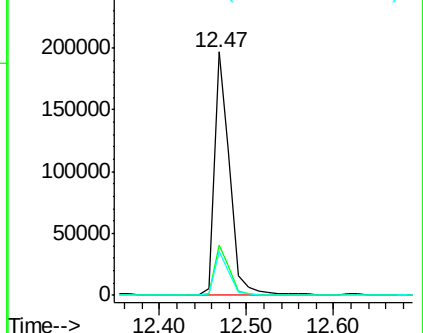
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 47.66 ng

RT: 12.63 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF089321.D

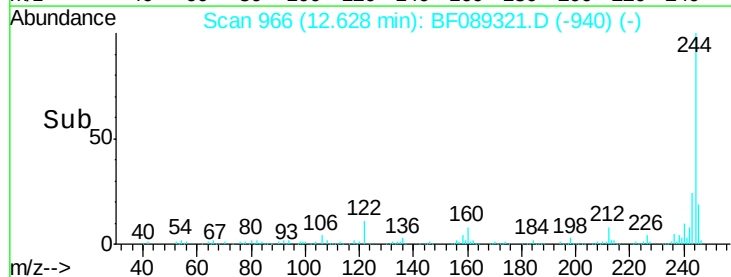
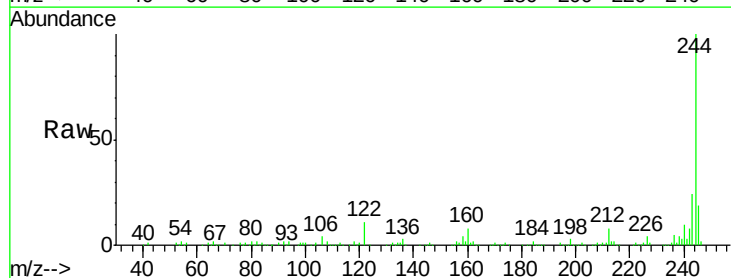
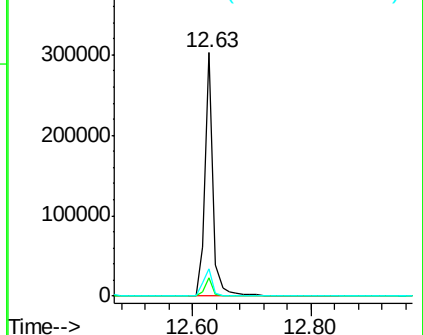
Acq: 27 Jul 2016 10:26

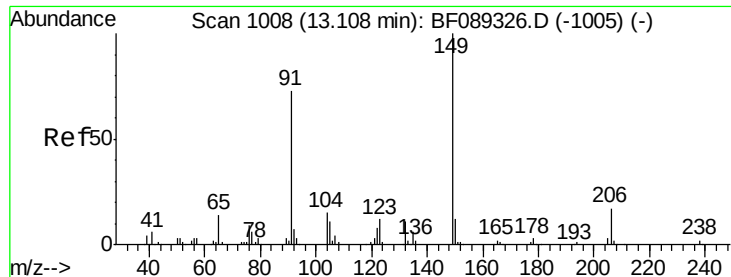
Tgt Ion:	244	Resp:	297161
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.5	9.7
122	11.1	11.4	17.0#

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 25.44 ng

RT: 13.11 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

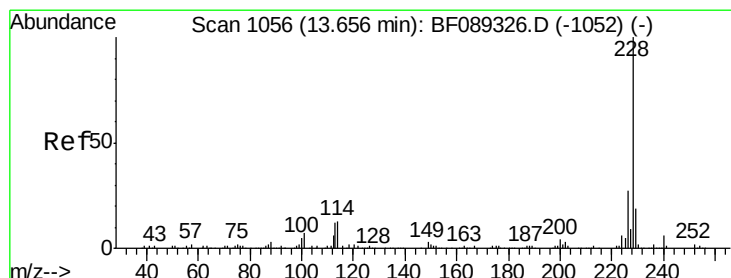
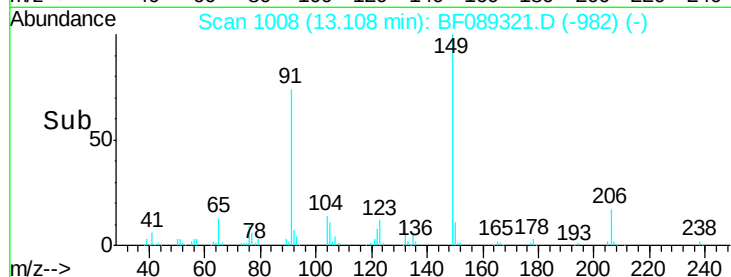
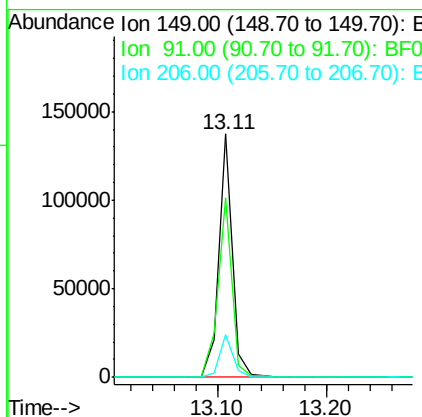
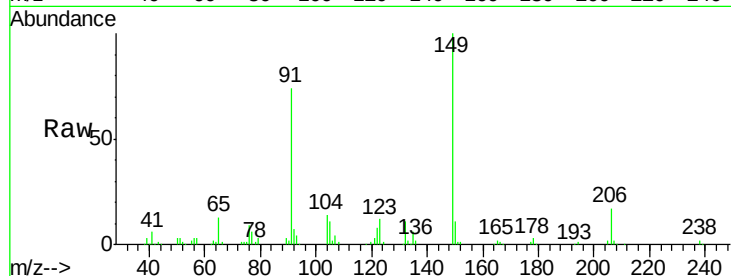
SSTDIC025

Tot Ion:	149	Resp:	120815
Ion Ratio	Lower	Upper	
149	100		
91	73.6	58.5	87.7
206	17.5	13.8	20.8

Manual Integrations

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#80

Benzo(a)anthracene

Concen: 23.57 ng

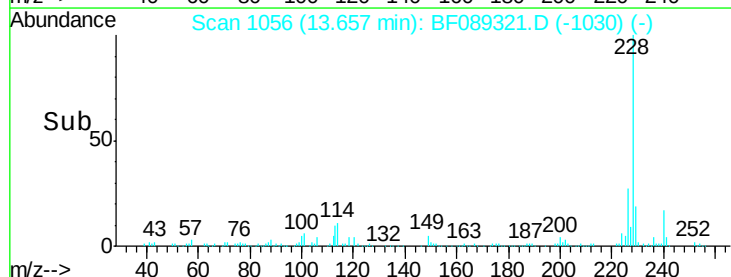
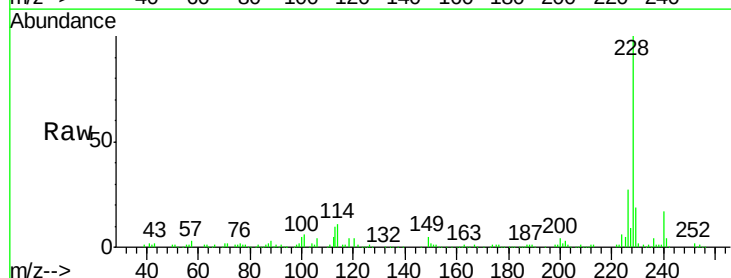
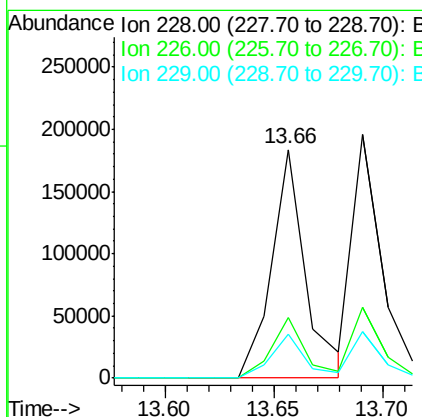
RT: 13.66 min Scan# 1056

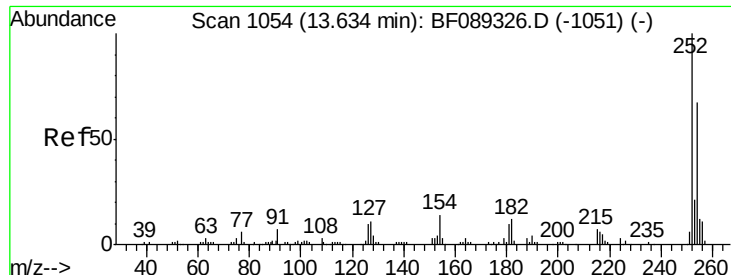
Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Tgt Ion:	228	Resp:	201239
Ion Ratio	Lower	Upper	
228	100		
226	26.7	21.4	32.2
229	19.0	15.9	23.9





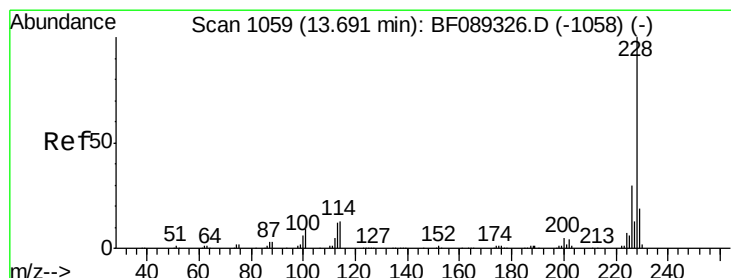
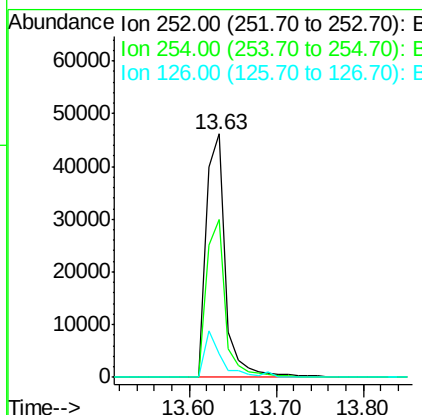
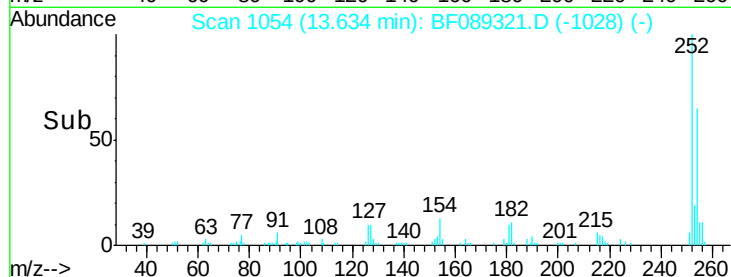
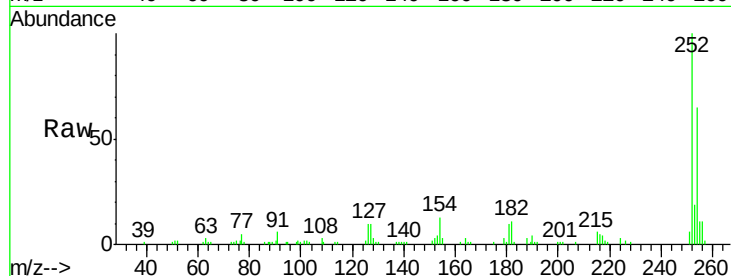
#81
 3,3'-Dichlorobenzidine
 Concen: 25.44 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.5	78.7
126	9.9	7.4	11.2

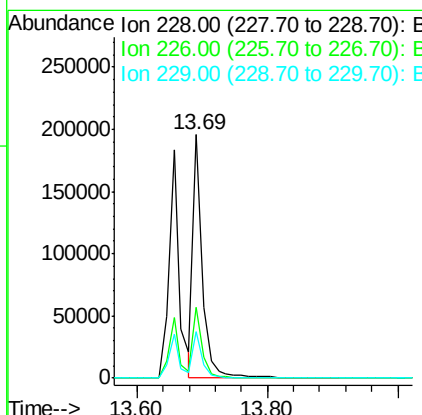
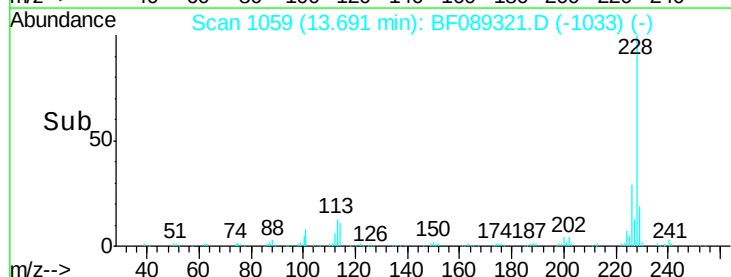
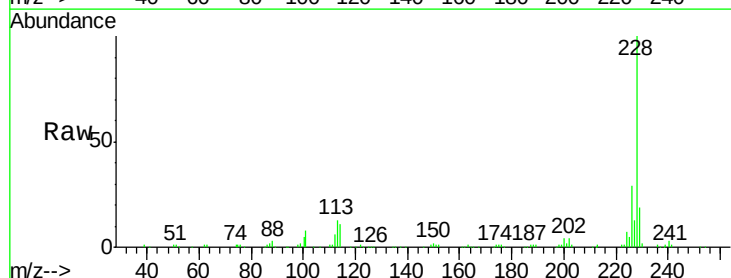
Manual Integrations

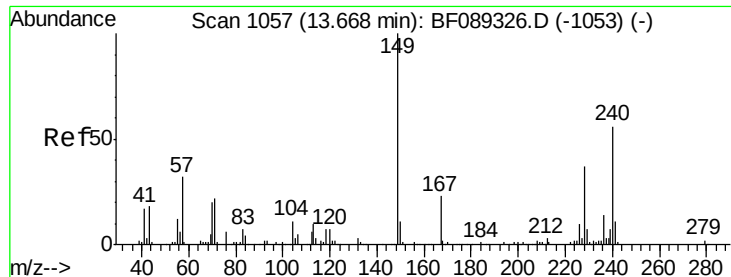
sohil
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#82
 Chrysene
 Concen: 24.51 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.2	36.2
229	19.1	15.9	23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 25.81 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:149 Resp: 163634

Ion Ratio Lower Upper

149 100

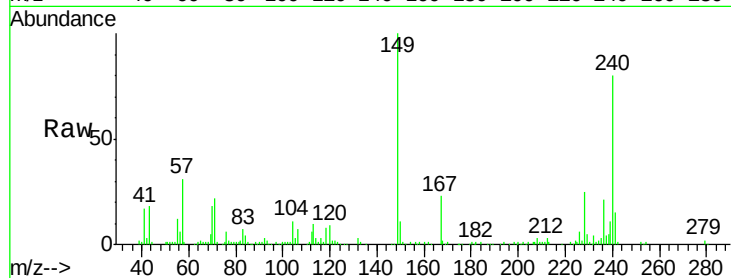
167 23.0 18.8 28.2

279 1.7 1.4 2.0

Manual Integrations

sohil

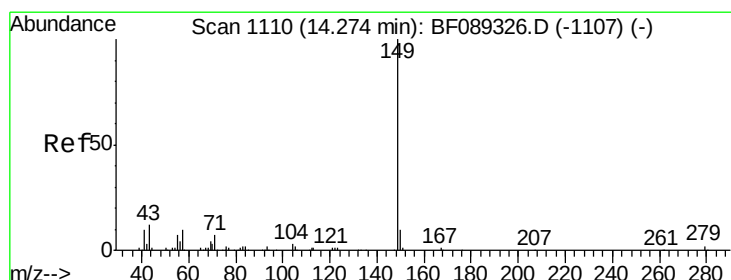
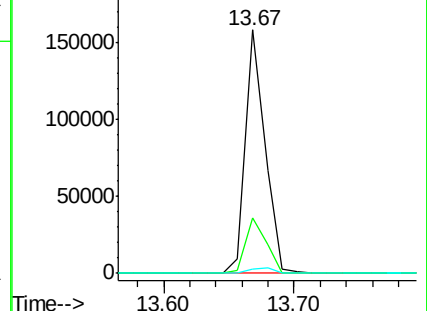
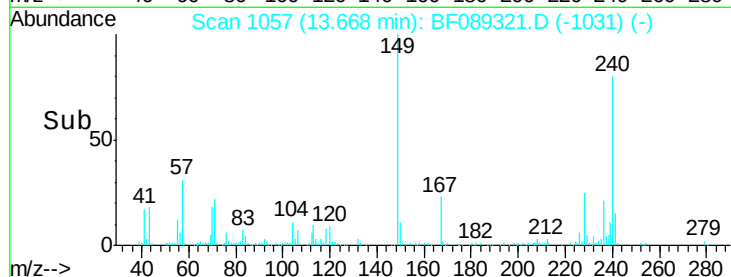
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 25.66 ng

RT: 14.27 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

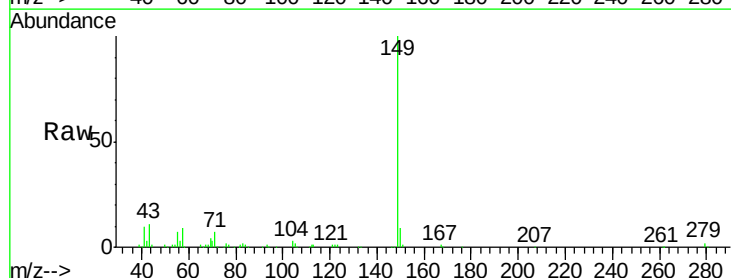
Tgt Ion:149 Resp: 265479

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

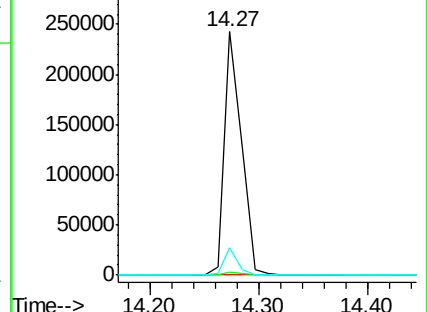
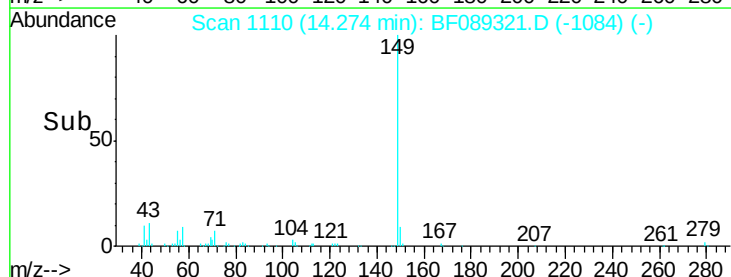
43 9.2 7.3 10.9

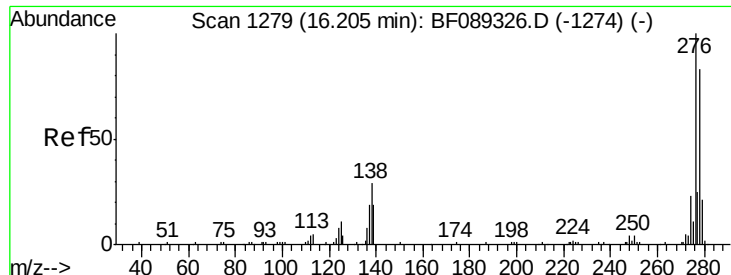


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





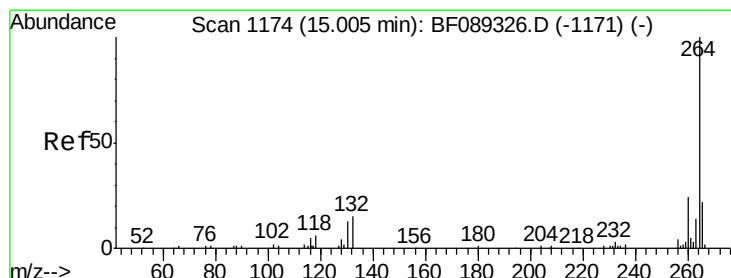
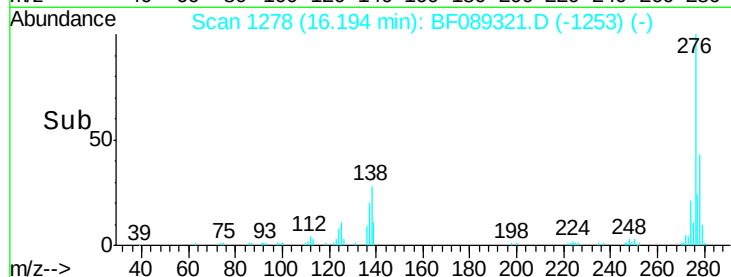
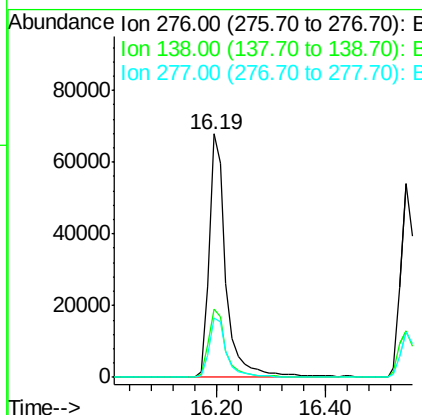
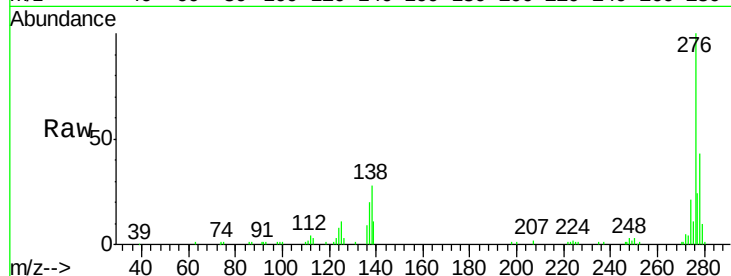
#85
Indeno(1,2,3-cd)pyrene
Concen: 25.02 ng
RT: 16.19 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.8	23.0	34.4
277	25.0	20.2	30.4

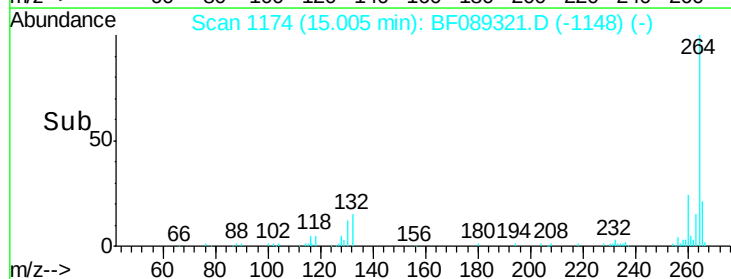
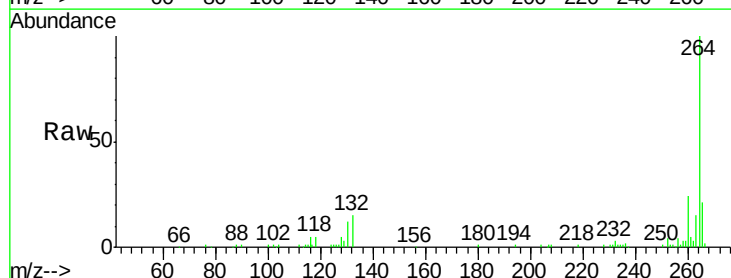
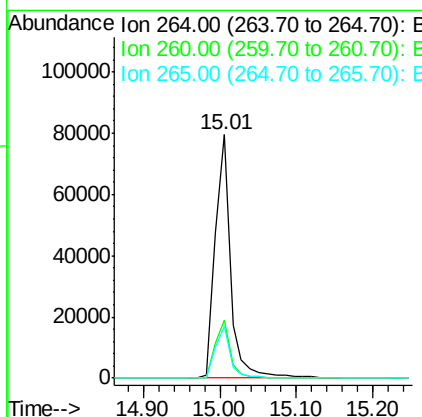
Manual Integrations

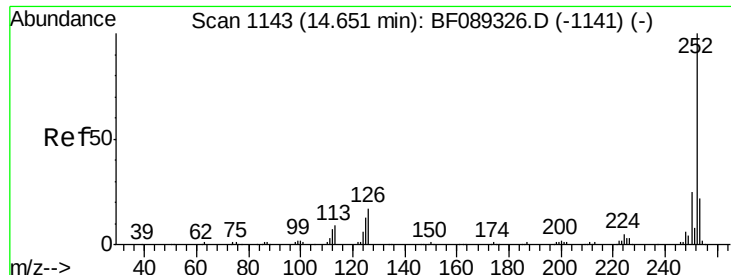
sohil
7/28/2016 4:55:08 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 22.06 ng m

RT: 14.65 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF089321.D

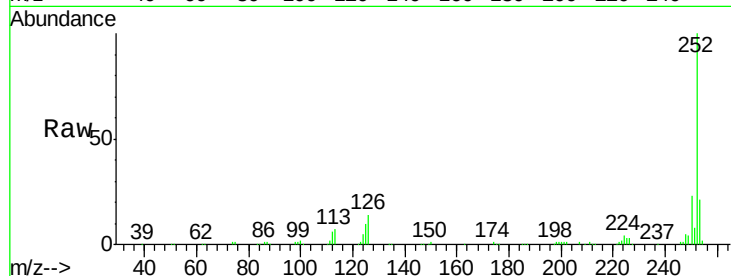
Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC025



Tot Ion:252 Resp: 167373

Ion Ratio Lower Upper

252 100

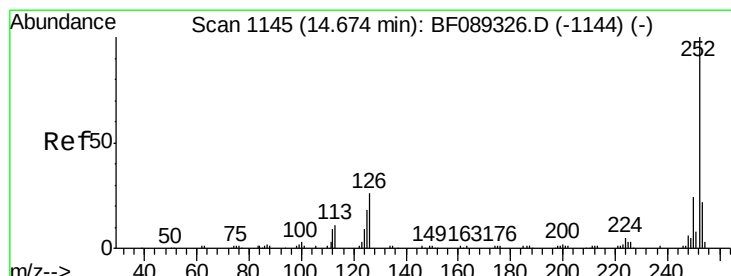
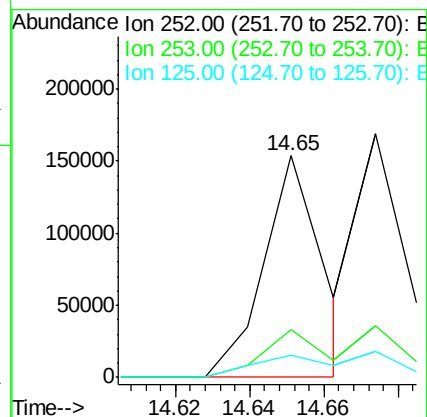
253 21.4 17.2 25.8

125 10.2 9.7 14.5

Manual Integrations

sohil

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#88

Benzo(k)fluoranthene

Concen: 27.69 ng m

RT: 14.67 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

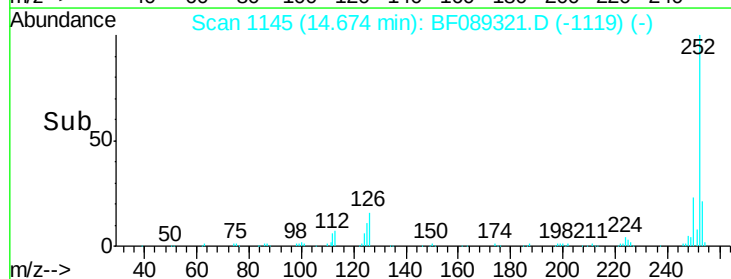
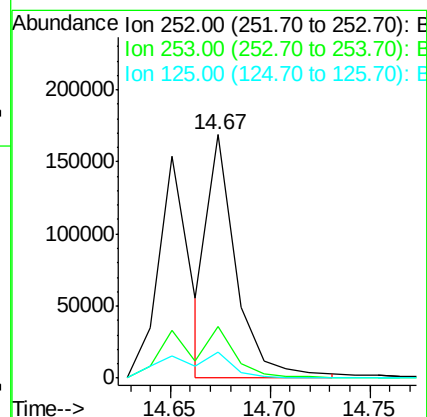
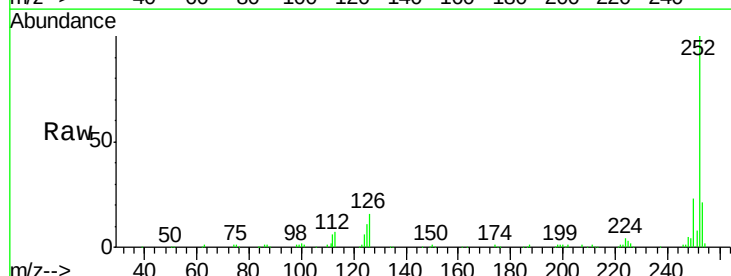
Tgt Ion:252 Resp: 167153

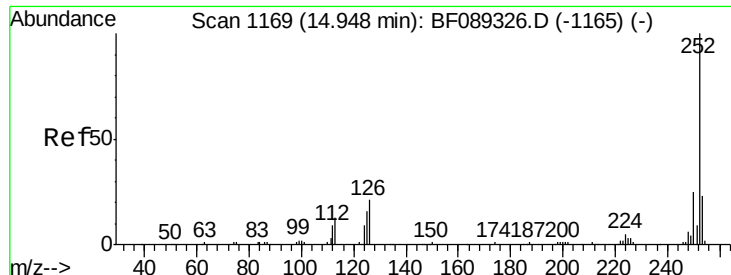
Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.8

125 10.8 10.7 16.1





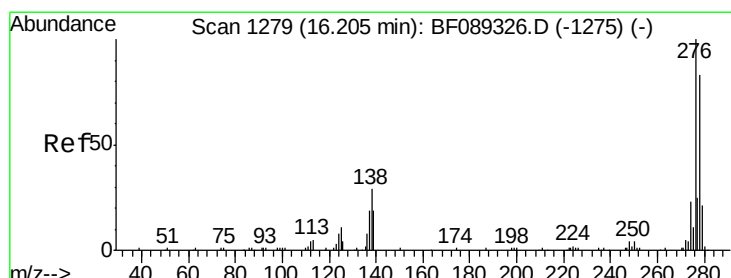
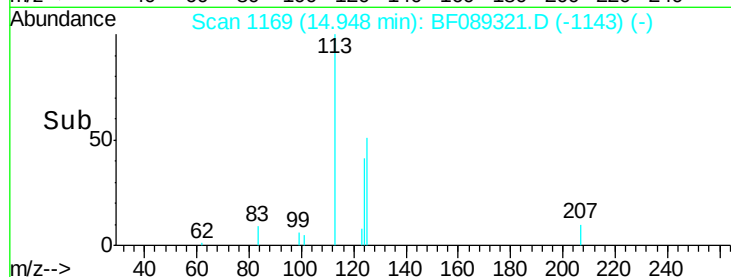
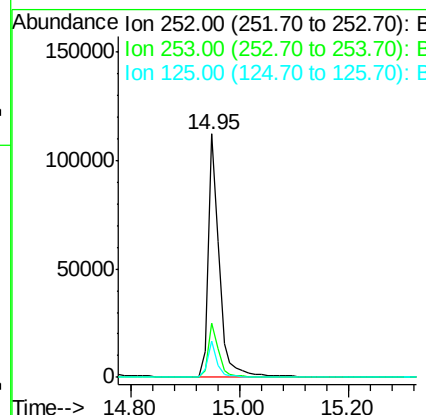
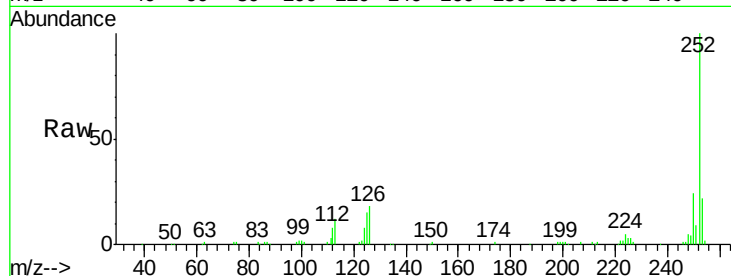
#89
Benzo(a)pyrene
Concen: 25.06 ng
RT: 14.95 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Instrument :
BNA_F
ClientSampled :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	14.9	12.4	18.6

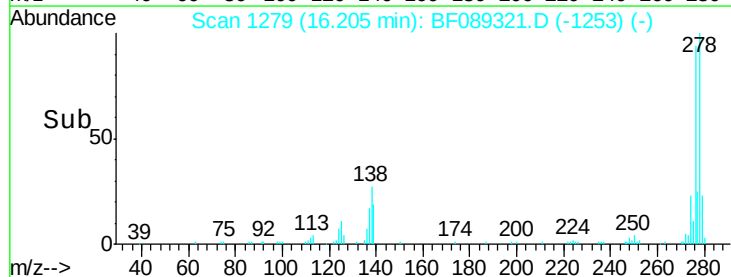
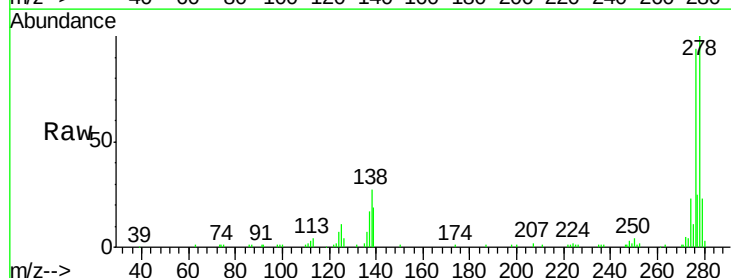
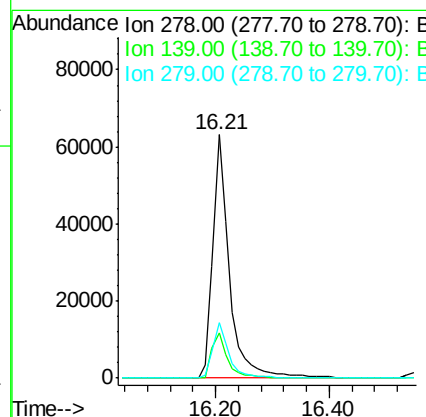
Manual Integrations

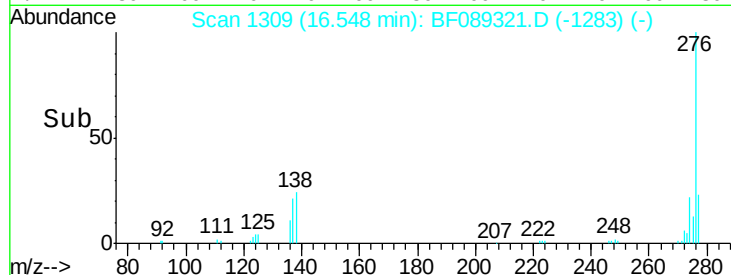
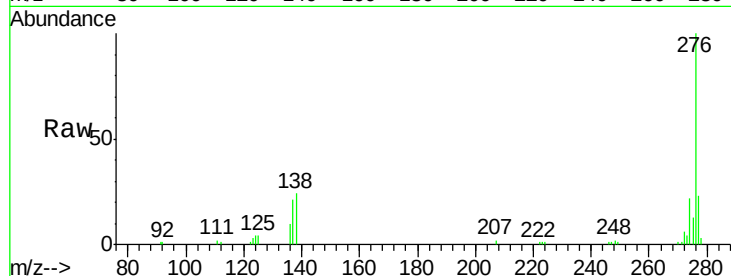
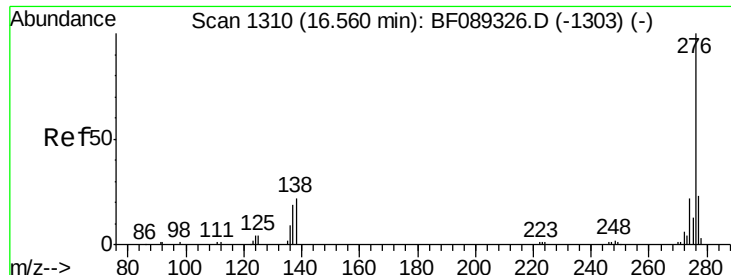
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#90
Dibenzo(a,h)anthracene
Concen: 25.46 ng
RT: 16.21 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	16.3	24.5
279	22.5	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 23.94 ng
 RT: 16.55 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	24.3	21.4	32.0

Manual Integrations

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 7/28/2016 4:55:08 PM

