

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089323.D
 Acq On : 27 Jul 2016 11:24
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations

sohil
 7/28/2016 4:55:21 PM

Quant Time: Jul 27 12:50:50 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	43513	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	188053	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	90310	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	169173	20.00	ng	0.00
75) Chrysene-d12	13.67	240	125000	20.00	ng	0.00
86) Perylene-d12	15.01	264	97261	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	283759	99.69	ng	0.01
7) Phenol-d6	6.20	99	359186	97.22	ng	0.00
23) Nitrobenzene-d5	7.12	82	324758	92.42	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	78121	95.97	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	602455	93.08	ng	0.00
78) Terphenyl-d14	12.63	244	494425	86.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	60501	49.44	ng	98
3) Pyridine	2.56	79	146181	46.97	ng	98
4) n-Nitrosodimethylamine	2.55	42	55832	43.74	ng	97
6) Aniline	6.22	93	209468	43.01	ng	# 66
8) 2-Chlorophenol	6.33	128	163740	51.37	ng	96
9) Benzaldehyde	6.09	77	94594	48.70	ng	98
10) Phenol	6.22	94	207164	48.98	ng	86
11) bis(2-Chloroethyl)ether	6.30	93	165440	51.81	ng	95
12) 1,3-Dichlorobenzene	6.48	146	163664	46.76	ng	99
13) 1,4-Dichlorobenzene	6.56	146	179467	50.35	ng	99
14) 1,2-Dichlorobenzene	6.72	146	163490	49.42	ng	98
15) Benzyl Alcohol	6.71	79	121936	46.46	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.83	45	190879	52.25	ng	84
17) 2-Methylphenol	6.83	107	119247	48.24	ng	93
18) Hexachloroethane	7.05	117	68112	51.01	ng	99
19) n-Nitroso-di-n-propylamine	6.98	70	112092	47.27	ng	93
20) 3+4-Methylphenols	6.99	107	160133	47.74	ng	86
22) Acetophenone	6.97	105	231468	46.89	ng	# 96
24) Nitrobenzene	7.14	77	191274	51.79	ng	94
25) Isophorone	7.38	82	315473	48.64	ng	97
26) 2-Nitrophenol	7.46	139	80679	46.74	ng	97
27) 2,4-Dimethylphenol	7.51	122	125780	43.24	ng	97
28) bis(2-Chloroethoxy)methane	7.60	93	175751	44.14	ng	99
29) 2,4-Dichlorophenol	7.70	162	128413	48.88	ng	96
30) 1,2,4-Trichlorobenzene	7.78	180	138180	47.71	ng	99
31) Naphthalene	7.85	128	437976	43.53	ng	100
32) Benzoic acid	7.68	122	95919	44.44	ng	95
33) 4-Chloroaniline	7.92	127	182839	44.04	ng	100
34) Hexachlorobutadiene	7.98	225	78559	48.55	ng	99
35) Caprolactam	8.31	113	36187	44.86	ng	97
36) 4-Chloro-3-methylphenol	8.41	107	143884	45.44	ng	93
37) 2-Methylnaphthalene	8.55	142	290361	46.05	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	151155	45.42	ng	99
40) Hexachlorocyclopentadiene	8.70	237	39678	45.63	ng	99

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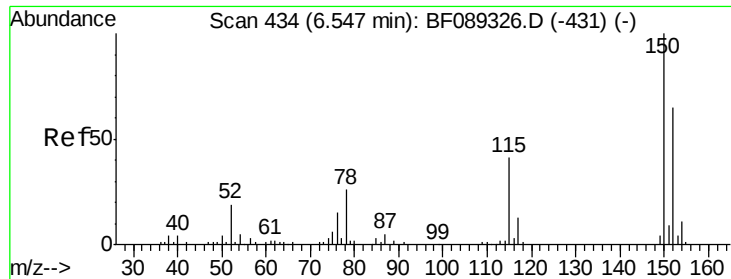
Manual Integrations

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	80949	44.47	nq	98
43) 2,4,5-Trichlorophenol	8.88	196	91201	48.95	nq	97
45) 1,1'-Biphenyl	9.02	154	360231	44.60	nq	94
46) 2-Chloronaphthalene	9.03	162	274703	44.77	nq	98
47) 2-Nitroaniline	9.14	65	88137	42.55	nq	97
48) Acenaphthylene	9.44	152	456641	47.02	nq	99
49) Dimethylphthalate	9.32	163	337144	49.09	nq	99
50) 2,6-Dinitrotoluene	9.38	165	70199	45.53	nq	# 75
51) Acenaphthene	9.61	154	267151	46.78	nq	100
52) 3-Nitroaniline	9.55	138	79318	44.26	nq	91
53) 2,4-Dinitrophenol	9.67	184	25292	42.73	nq	92
54) Dibenzofuran	9.78	168	360507	46.85	nq	99
55) 4-Nitrophenol	9.74	139	35804	34.56	nq	99
56) 2,4-Dinitrotoluene	9.78	165	92323	46.15	nq	# 73
57) Fluorene	10.12	166	318622	49.39	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.91	232	71500	53.27	nq	98
59) Diethylphthalate	10.02	149	349641	51.07	nq	95
60) 4-Chlorophenyl-phenylether	10.12	204	143340	48.07	nq	99
61) 4-Nitroaniline	10.17	138	81337	45.72	nq	90
62) Azobenzene	10.28	77	337112	45.38	nq	84
64) 4,6-Dinitro-2-methylphenol	10.19	198	51217	52.75	nq	# 68
65) n-Nitrosodiphenylamine	10.25	169	259649	45.98	nq	99
66) 4-Bromophenyl-phenylether	10.60	248	84849	50.60	nq	# 88
67) Hexachlorobenzene	10.66	284	78416	44.05	nq	92
68) Atrazine	10.78	200	78272	44.49	nq	97
69) Pentachlorophenol	10.87	266	38999	48.92	nq	99
70) Phenanthrene	11.07	178	442645	47.45	nq	100
71) Anthracene	11.13	178	476654	49.76	nq	99
72) Carbazole	11.29	167	415645	49.97	nq	100
73) Di-n-butylphthalate	11.62	149	529983	50.08	nq	99
74) Fluoranthene	12.25	202	470604	47.89	nq	98
76) Benzidine	12.39	184	230283	53.20	nq	99
77) Pyrene	12.48	202	470233	46.57	nq	99
79) Butylbenzylphthalate	13.11	149	224456	51.31	nq	96
80) Benzo(a)anthracene	13.66	228	349895	44.49	nq	100
81) 3,3'-Dichlorobenzidine	13.63	252	135538	52.49	nq	# 99
82) Chrysene	13.70	228	355519	47.70	nq	98
83) Bis(2-ethylhexyl)phthalate	13.67	149	307652	52.67	nq	100
84) Di-n-octyl phthalate	14.29	149	501072	52.57	nq	99
85) Indeno(1,2,3-cd)pyrene	16.21	276	255938	47.09	nq	100
87) Benzo(b)fluoranthene	14.65	252	265112m	39.68	nq	
88) Benzo(k)fluoranthene	14.67	252	313778m	59.03	nq	
89) Benzo(a)pyrene	14.96	252	268463	49.08	nq	# 93
90) Dibenzo(a,h)anthracene	16.22	278	212447	49.27	nq	96
91) Benzo(g,h,i)perylene	16.56	276	209550	48.26	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:152 Resp: 43513

Ion Ratio Lower Upper

152 100

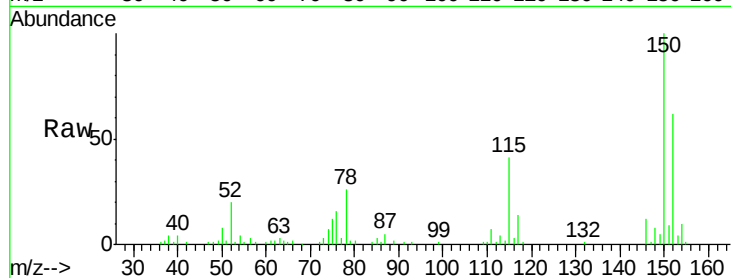
150 161.2 129.5 194.3

115 65.3 51.4 77.2

Manual Integrations

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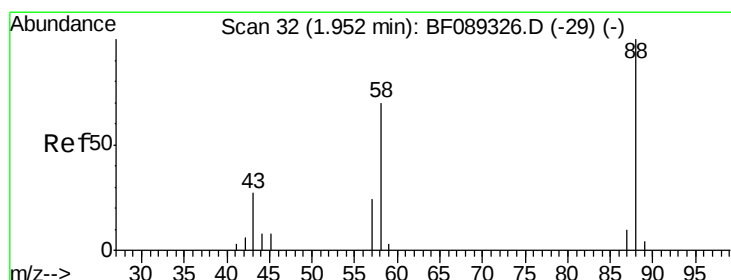
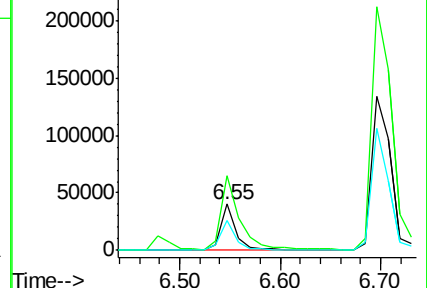
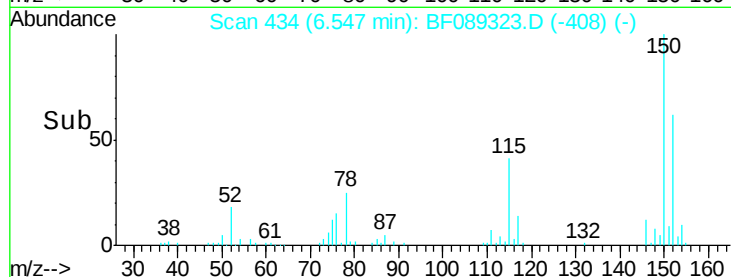
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 49.44 ng

RT: 1.95 min Scan# 32

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

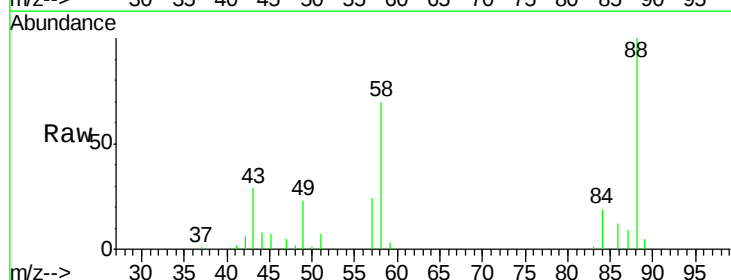
Tgt Ion: 88 Resp: 60501

Ion Ratio Lower Upper

88 100

58 64.7 53.2 79.8

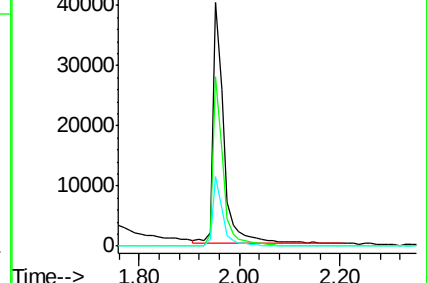
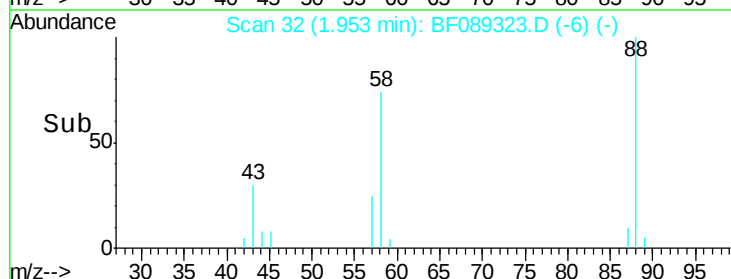
43 26.2 20.6 31.0

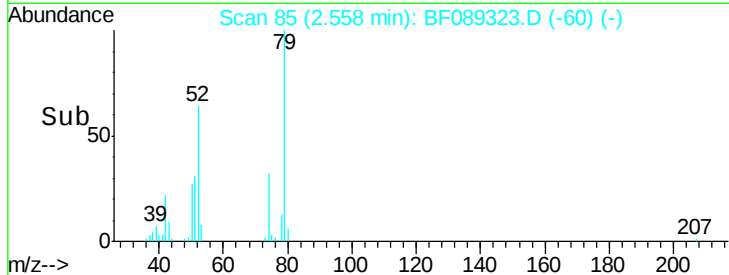
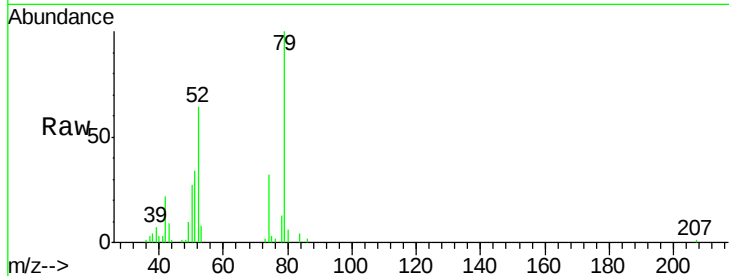
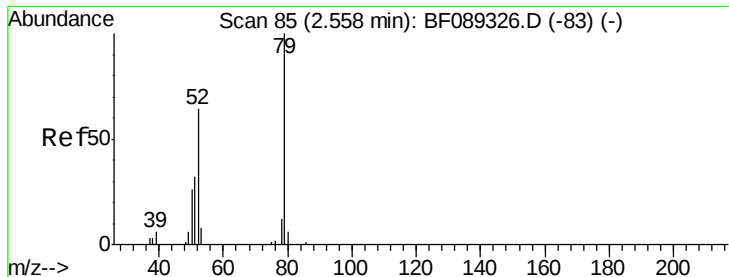


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





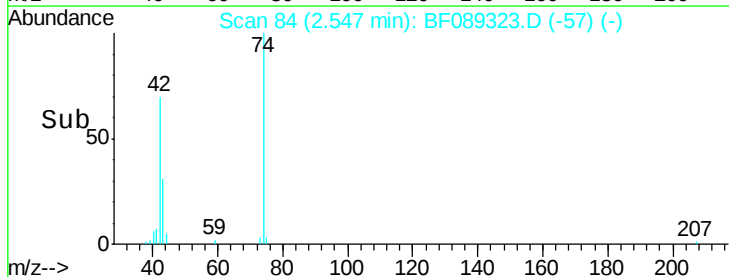
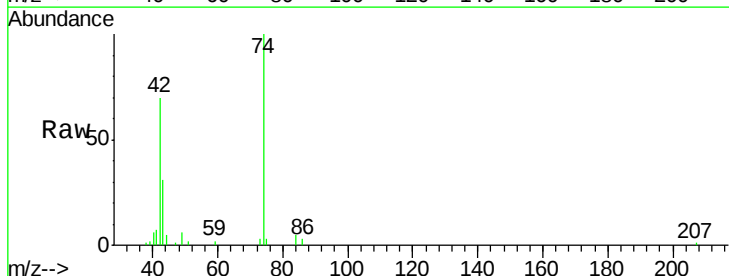
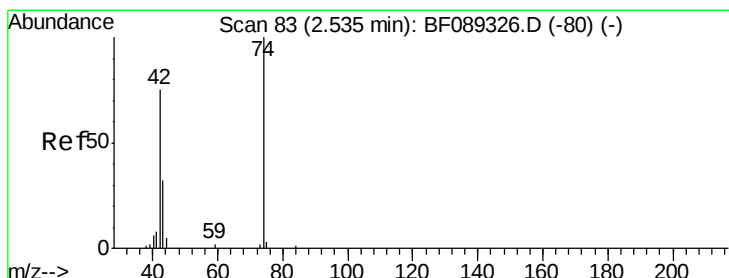
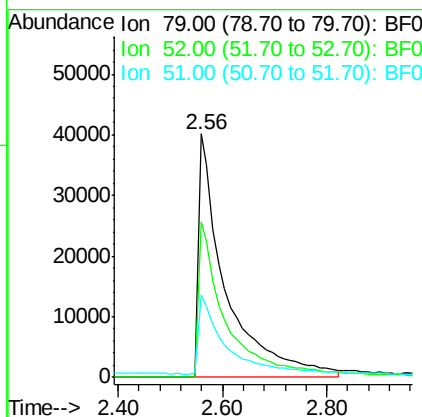
#3
 Pvridine
 Concen: 46.97 ng
 RT: 2.56 min Scan# 85
 Delta R.T. -0.01 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tot Ion:	79	Resp:	146181
Ion	Ratio	Lower	Upper
79	100		
52	63.9	51.9	77.9
51	33.7	28.2	42.4

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 BNA_F
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 SSTDICC050

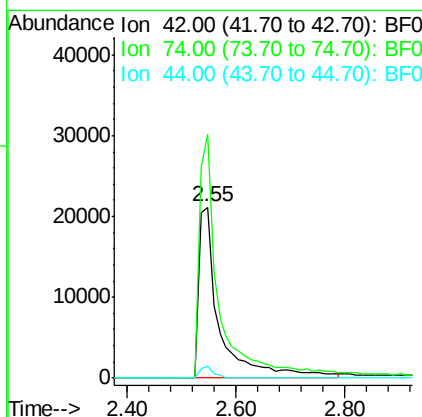
Manual Integrations

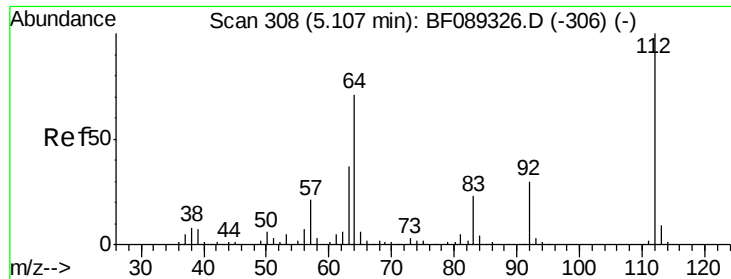
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#4
 n-Nitrosodimethylamine
 Concen: 43.74 ng
 RT: 2.55 min Scan# 84
 Delta R.T. 0.01 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion:	42	Resp:	55832
Ion	Ratio	Lower	Upper
42	100		
74	142.3	110.8	166.2
44	6.6	5.2	7.8





#5

2-Fluorophenol

Concen: 99.69 ng

RT: 5.12 min Scan# 309

Delta R.T. 0.01 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

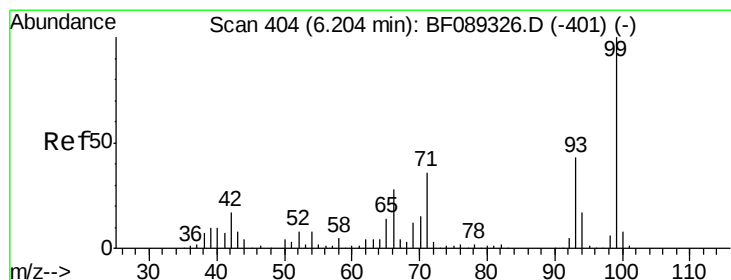
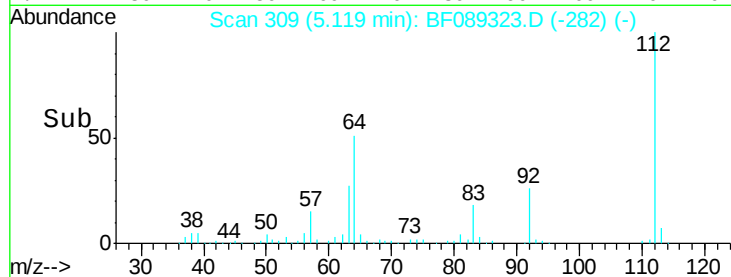
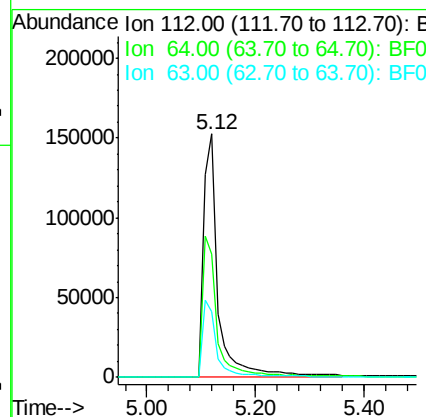
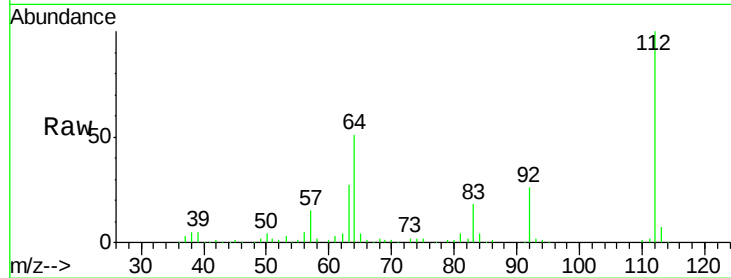
SSTDIC050

Tot Ion:	112	Resp:	283759
Ion Ratio	Lower	Upper	
112	100		
64	50.7	55.0	82.6#
63	26.8	29.4	44.2#

Manual Integrations

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7/28/2016 4:55:21 PM



#6

Aniline

Concen: 43.01 ng

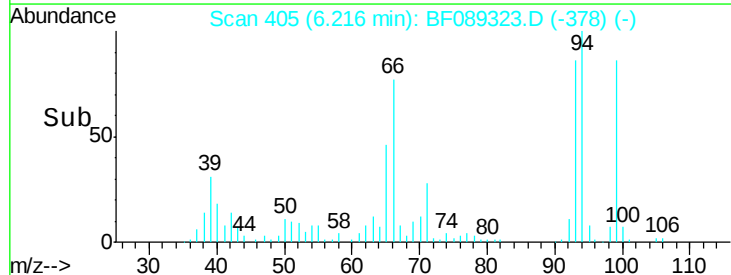
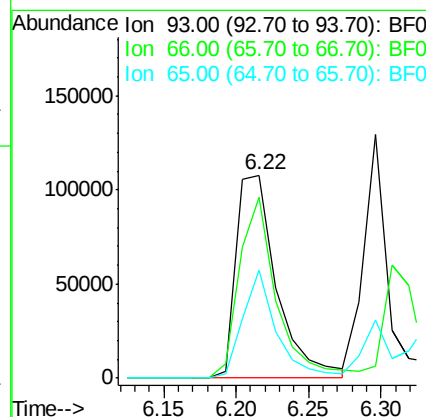
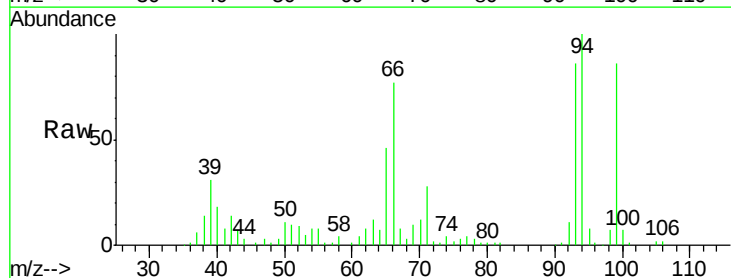
RT: 6.22 min Scan# 405

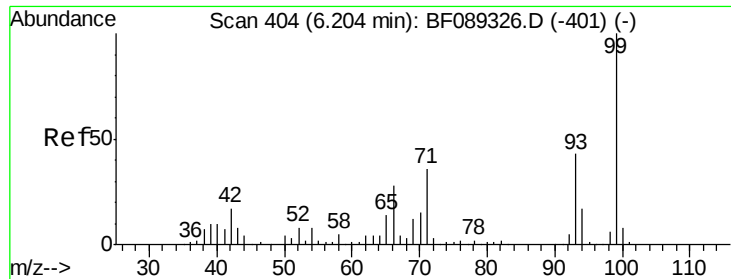
Delta R.T. 0.01 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Tgt Ion:	93	Resp:	209468
Ion Ratio	Lower	Upper	
93	100		
66	89.2	51.6	77.4#
65	53.0	24.7	37.1#





#7

Phenol-d6

Concen: 97.22 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 99 Resp: 359186

Ion Ratio Lower Upper

99 100

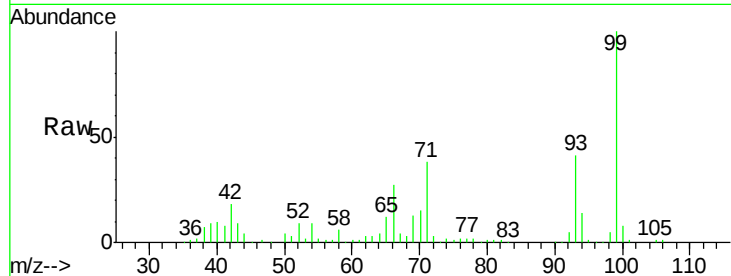
42 18.4 13.6 20.4

71 38.0 29.4 44.2

Manual Integrations

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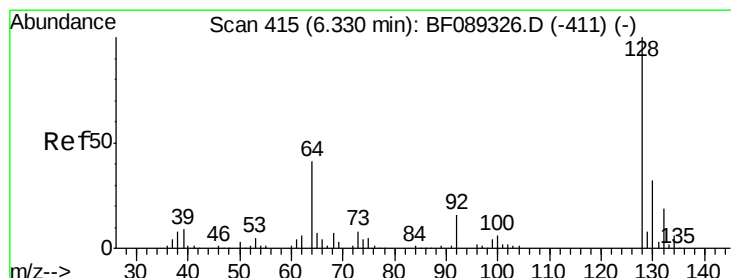
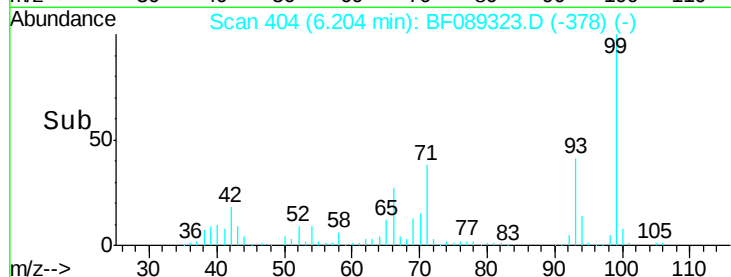
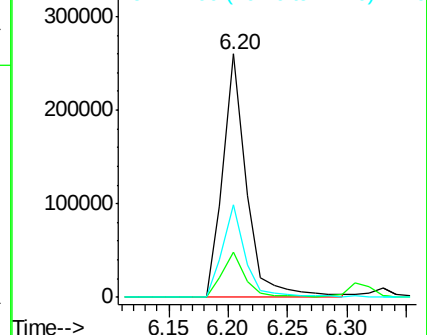
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 51.37 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

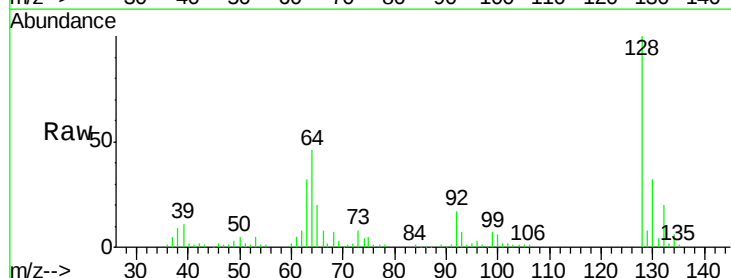
Tgt Ion: 128 Resp: 163740

Ion Ratio Lower Upper

128 100

130 31.8 12.6 52.6

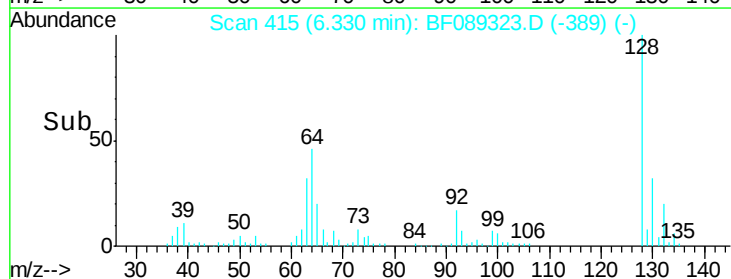
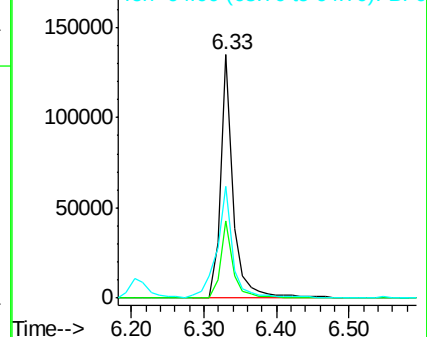
64 46.1 22.1 62.1

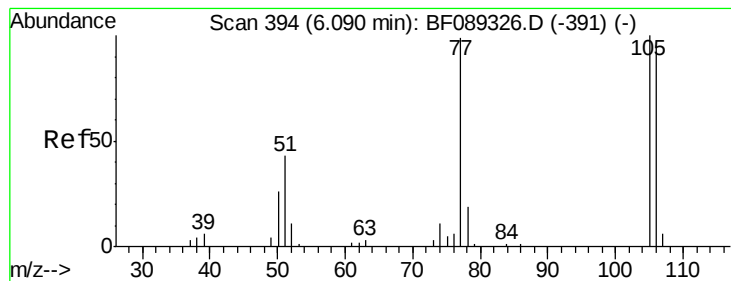


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 48.70 ng

RT: 6.09 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 77 Resp: 94594

Ion Ratio Lower Upper

77 100

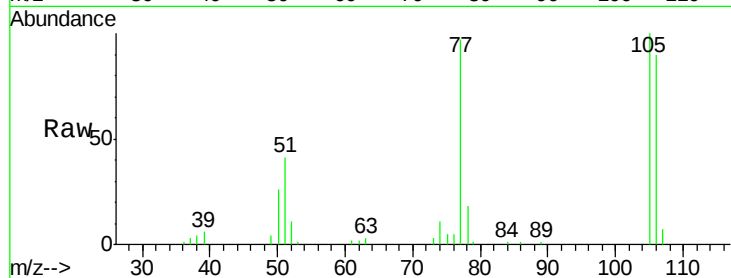
105 102.9 82.9 122.9

106 92.1 75.9 115.9

Manual Integrations

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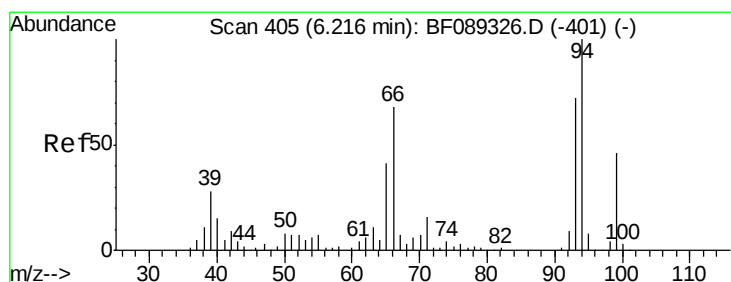
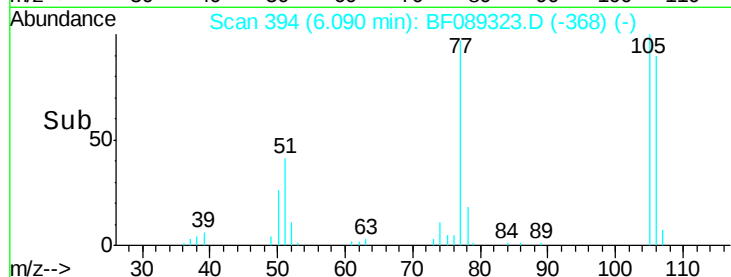
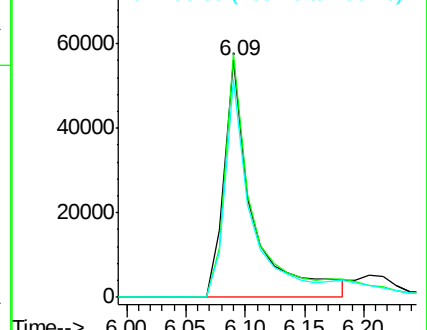
7/28/2016 4:55:21 PM



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 48.98 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

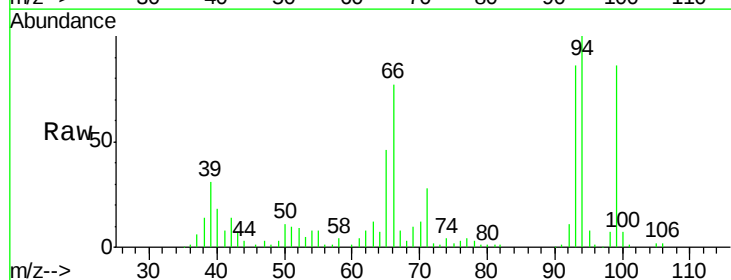
Tgt Ion: 94 Resp: 207164

Ion Ratio Lower Upper

94 100

65 45.5 19.1 59.1

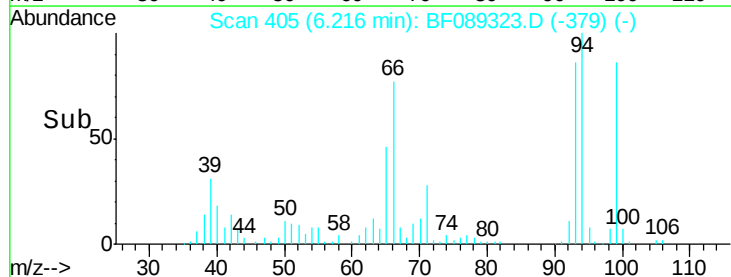
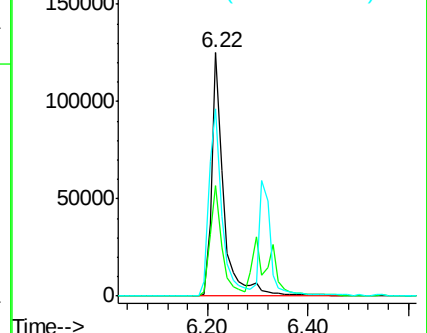
66 76.7 44.4 84.4

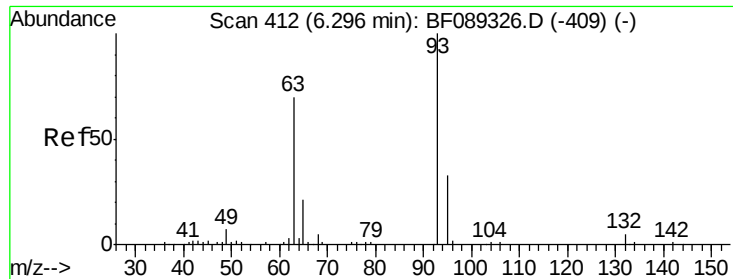


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 51.81 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

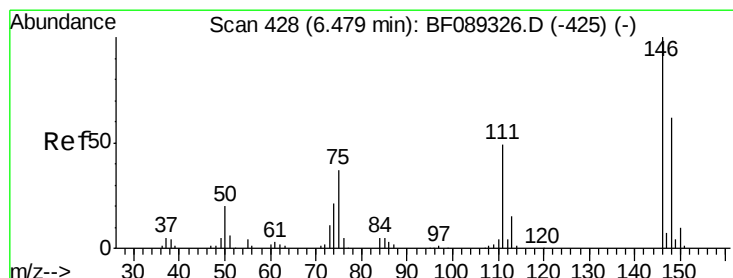
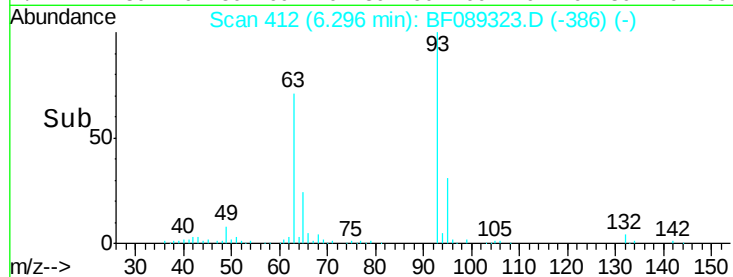
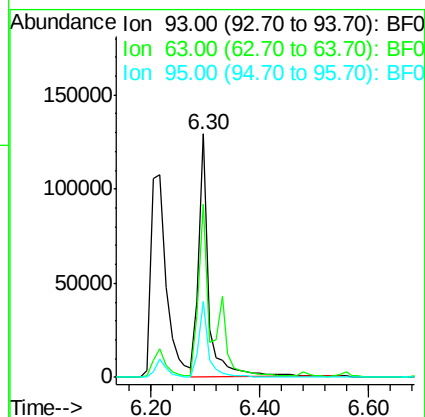
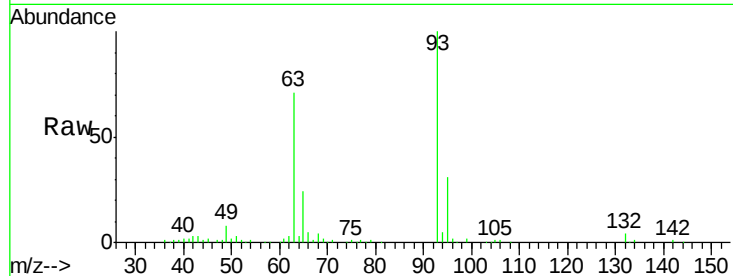
SSTDIC050

Tot Ion:	93	Resp:	165440
Ion	Ratio	Lower	Upper
93	100		
63	71.2	45.6	85.6
95	31.1	11.1	51.1

Manual Integrations

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#12

1,3-Dichlorobenzene

Concen: 46.76 ng

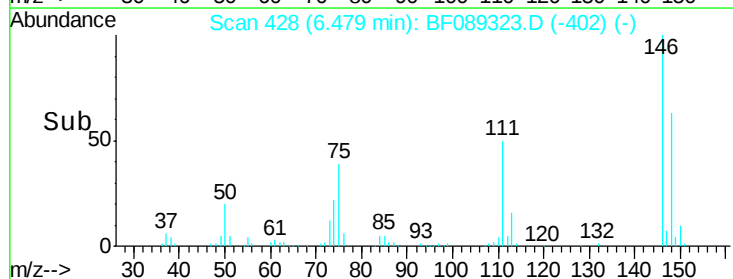
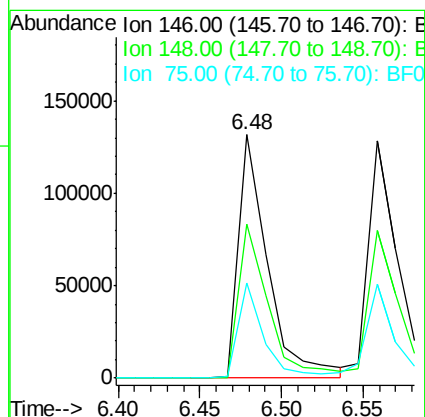
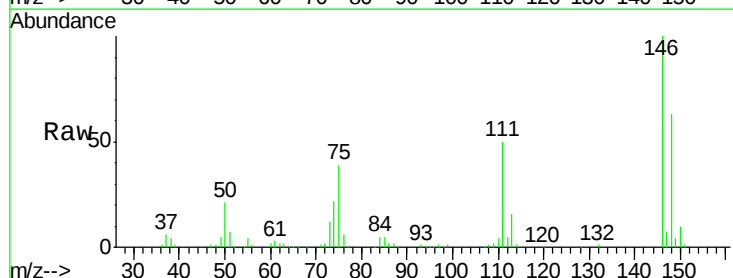
RT: 6.48 min Scan# 428

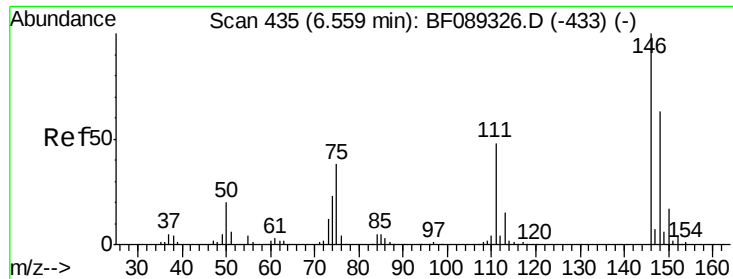
Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Tgt Ion:	146	Resp:	163664
Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.5	75.7
75	39.0	30.0	45.0





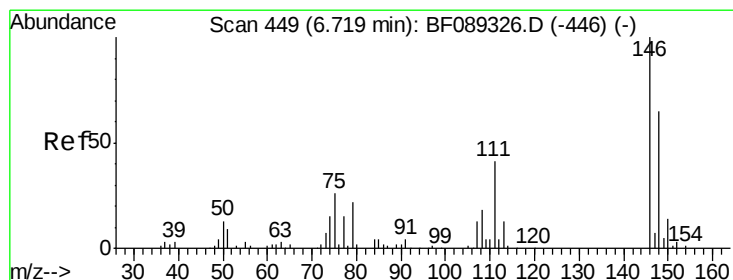
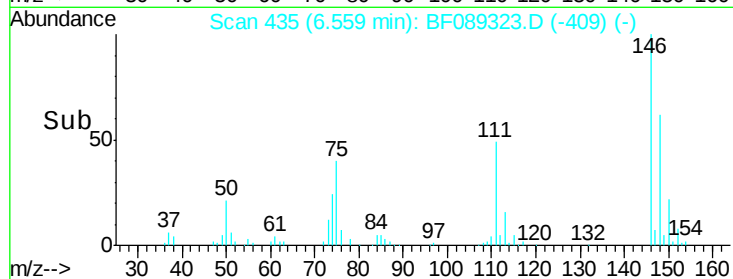
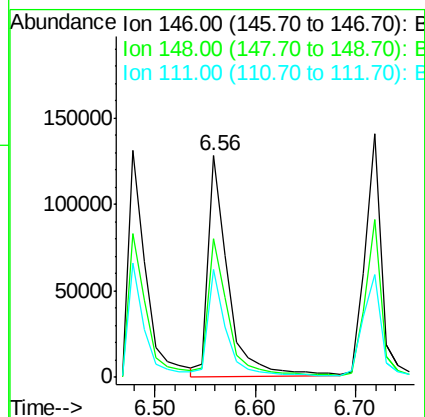
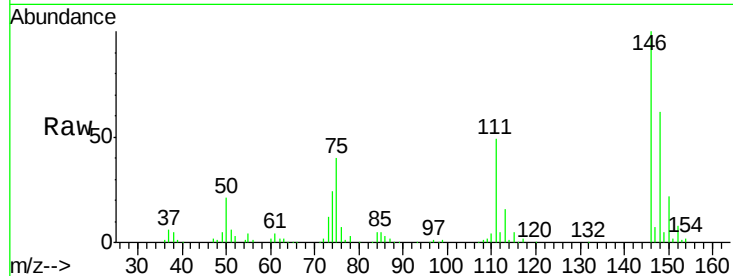
#13
 1,4-Dichlorobenzene
 Concen: 50.35 ng
 RT: 6.56 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.8	76.2
111	48.9	38.6	57.8

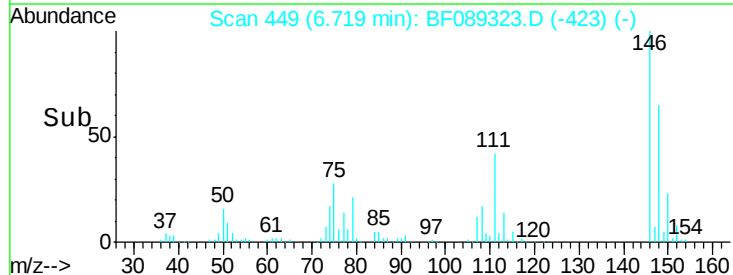
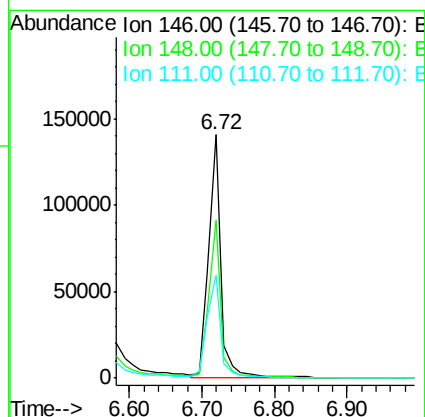
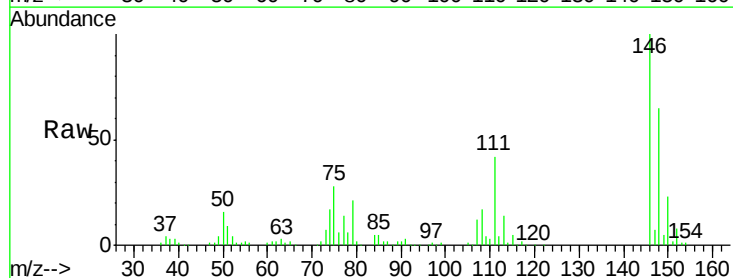
Manual Integrations

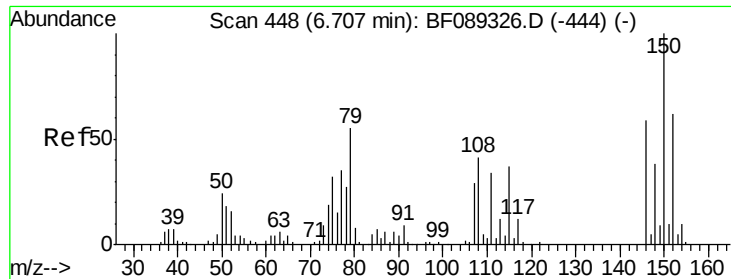
sohil
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#14
 1,2-Dichlorobenzene
 Concen: 49.42 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.4	75.6
111	42.2	33.0	49.4





#15

Benzyl Alcohol

Concen: 46.46 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 79 Resp: 121936

Ion Ratio Lower Upper

79 100

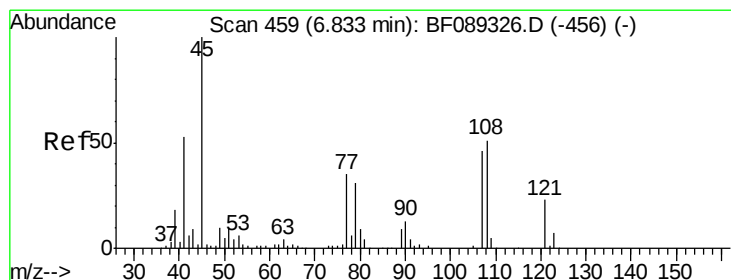
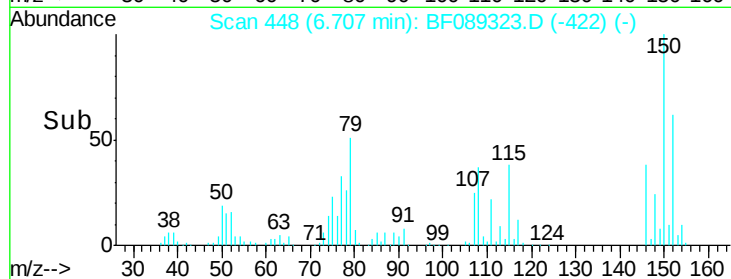
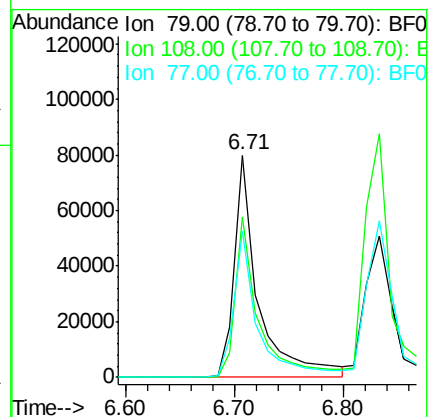
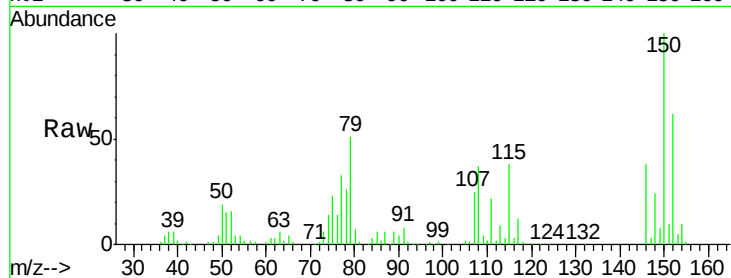
108 72.4 59.8 89.6

77 65.7 51.7 77.5

Manual Integrations

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7/28/2016 4:55:21 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.25 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

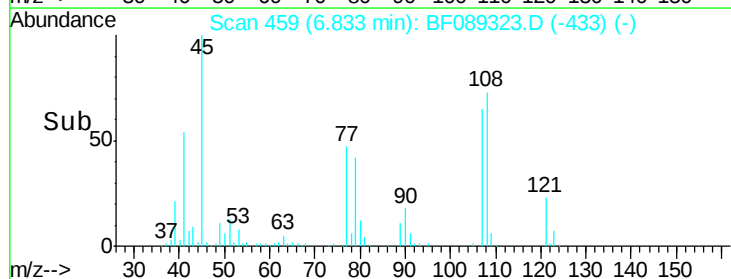
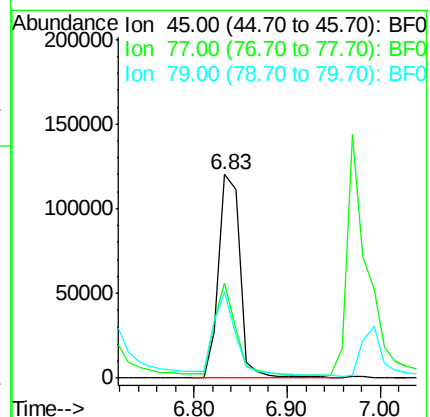
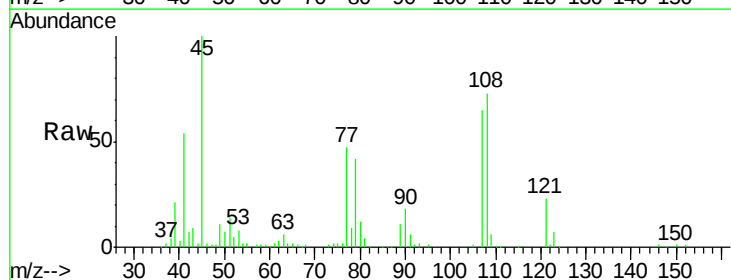
Tgt Ion: 45 Resp: 190879

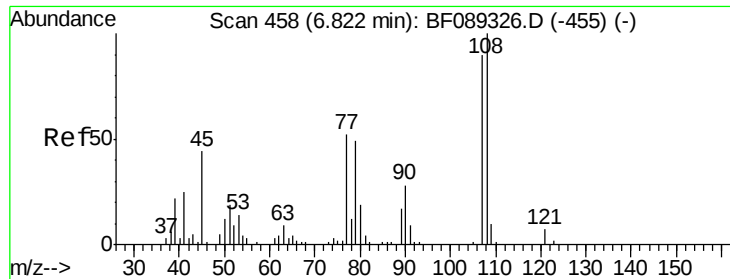
Ion Ratio Lower Upper

45 100

77 47.0 17.3 57.3

79 42.4 13.9 53.9





#17

2-Methylphenol

Concen: 48.24 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.01 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampled :

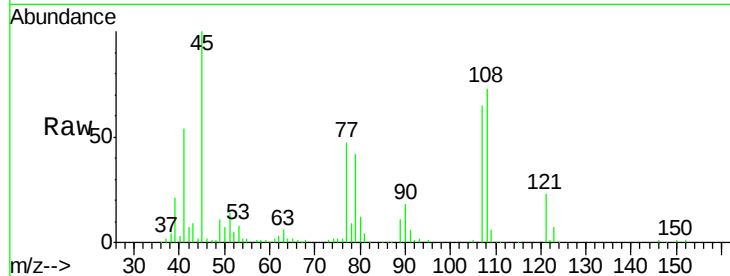
SSTDIC050

Tot Ion:	107	Resp:	119247
Ion Ratio	Lower	Upper	
107	100		
108	112.7	91.4	137.0
77	72.7	48.6	73.0
79	65.6	48.2	72.4

Manual Integrations

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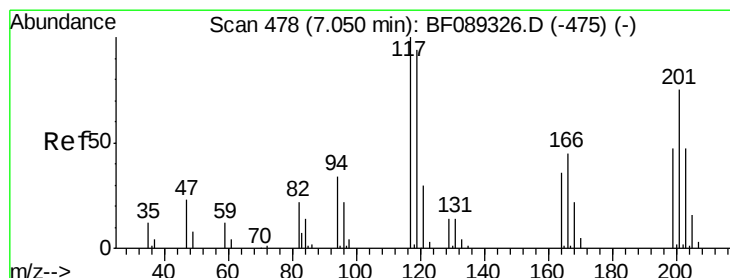
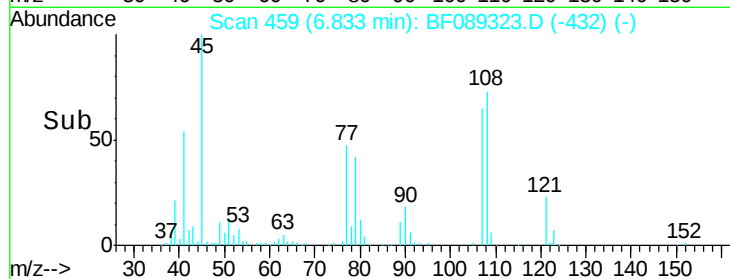
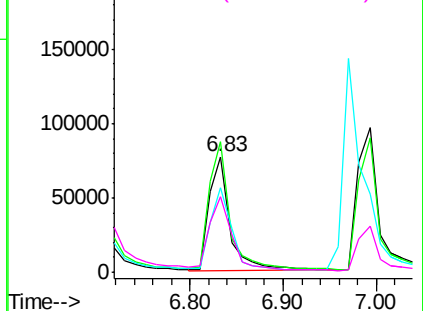


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 51.01 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF089323.D

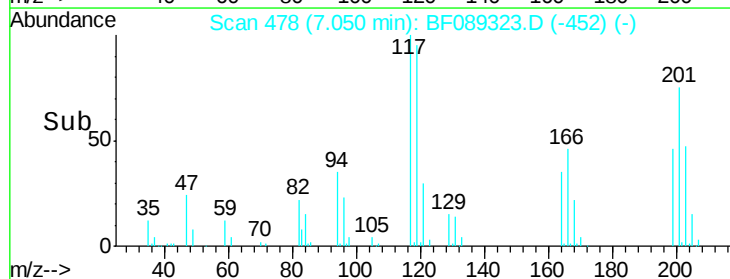
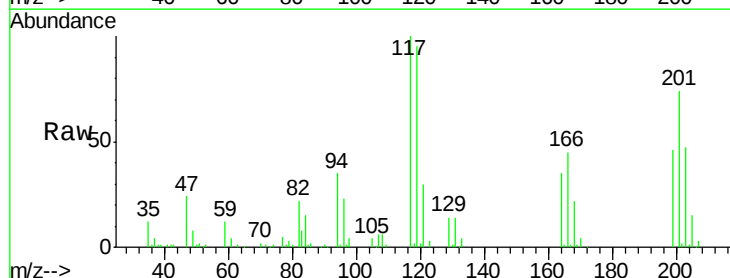
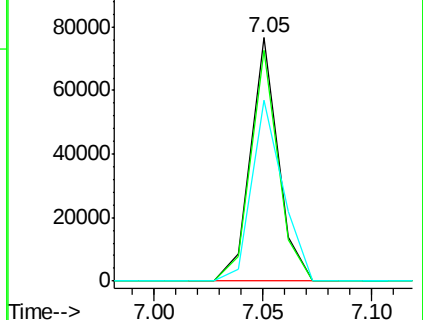
Acq: 27 Jul 2016 11:24

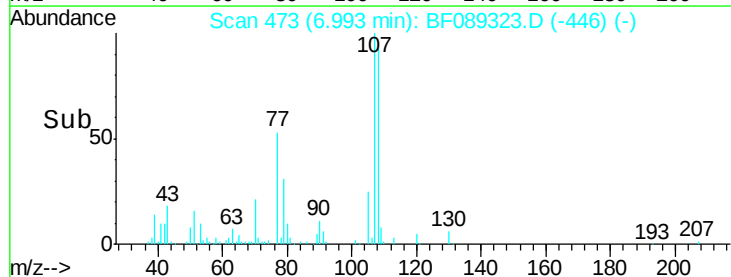
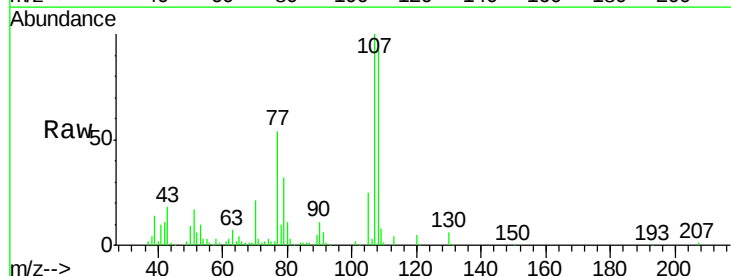
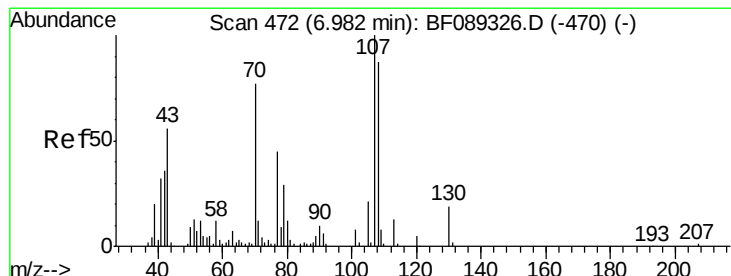
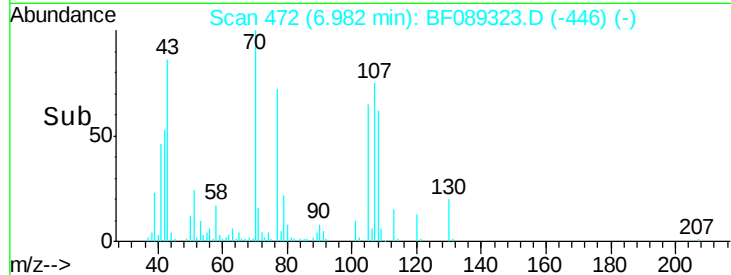
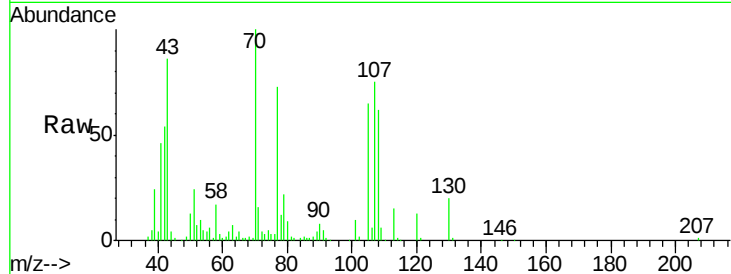
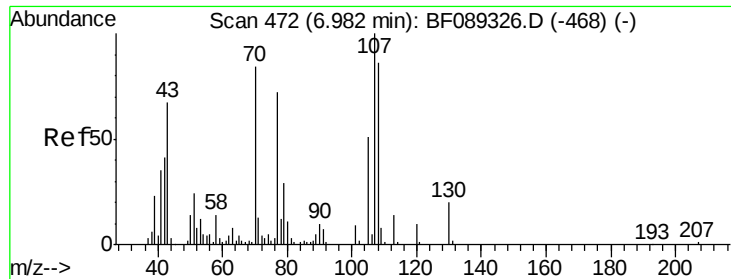
Tgt Ion:	117	Resp:	68112
Ion Ratio	Lower	Upper	
117	100		
119	94.6	76.0	114.0
201	74.3	60.0	90.0

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 47.27 ng

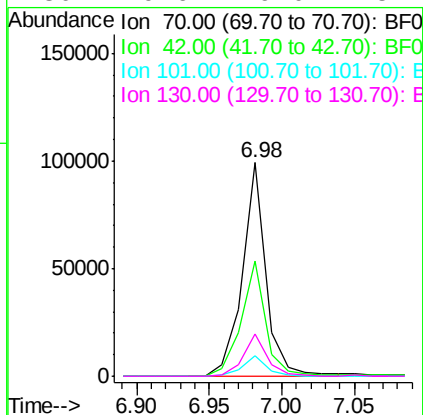
RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Tot Ion:	70	Resp:	112092
Ion Ratio	Lower	Upper	
70	100		
42	53.7	38.6	57.8
101	9.6	8.3	12.5
130	19.6	19.0	28.4



Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Manual Integrations

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7/28/2016 4:55:21 PM

#20

3+4-Methylphenols

Concen: 47.74 ng

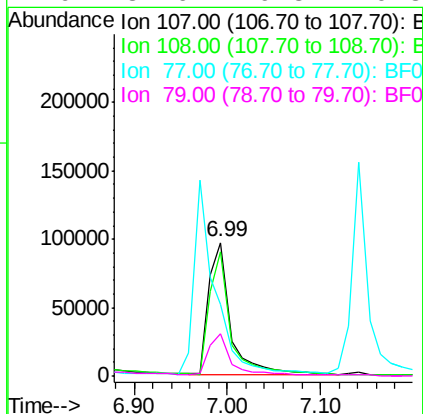
RT: 6.99 min Scan# 473

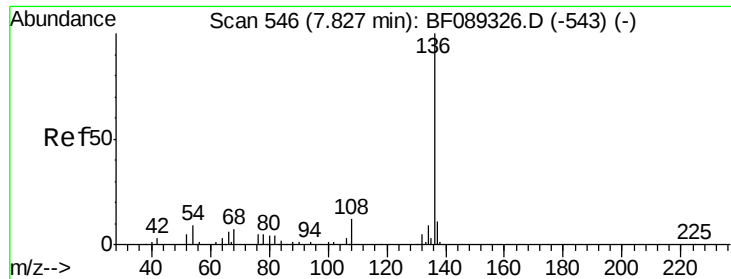
Delta R.T. 0.01 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Tgt Ion:	107	Resp:	160133
Ion Ratio	Lower	Upper	
107	100		
108	93.1	63.3	103.3
77	53.5	51.1	91.1
79	31.6	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: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

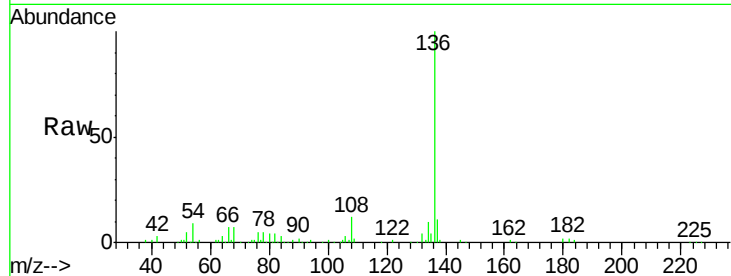
SSTDICC050

Tot Ion:	136	Resp:	188053
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	9.1	7.0	10.4
68	6.7	4.9	7.3

Manual Integrations

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7/28/2016 4:55:21 PM

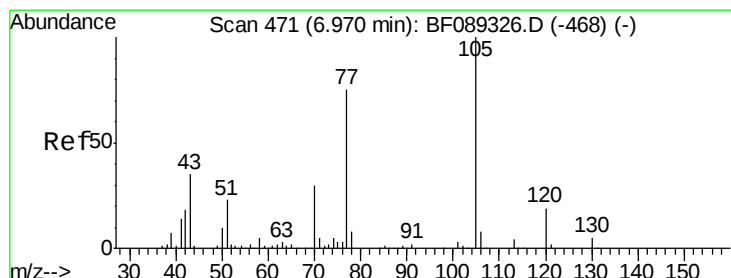
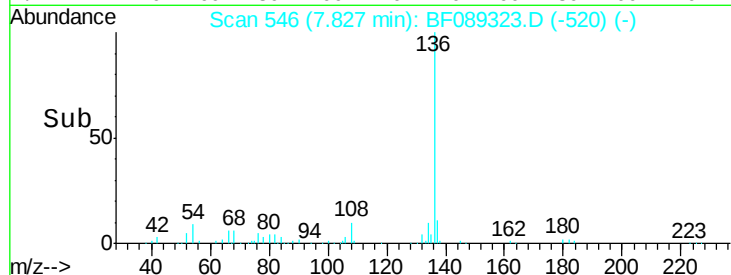
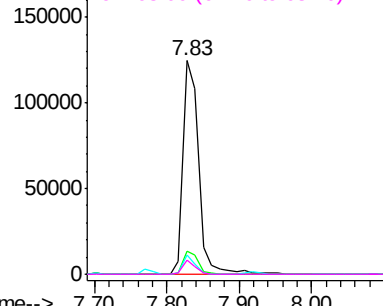


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.89 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

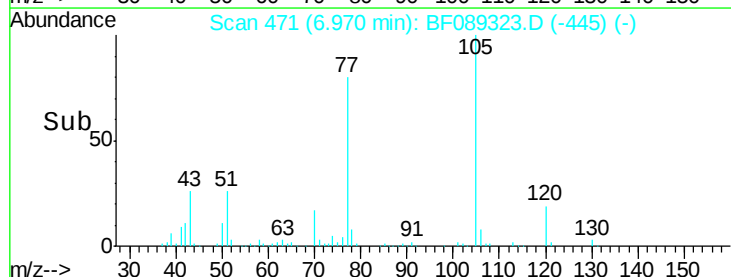
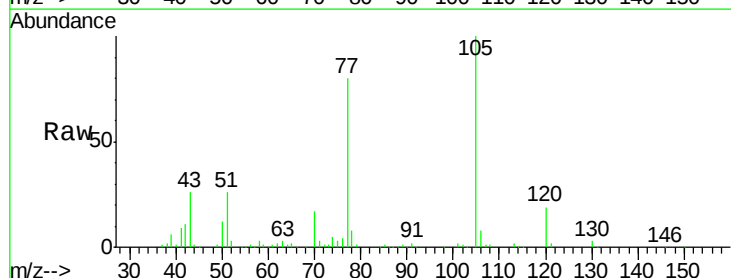
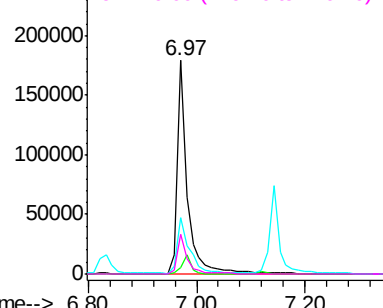
Tgt Ion:	105	Resp:	231468
Ion Ratio	Lower	Upper	
105	100		
71	3.0	4.2	6.2#
51	26.2	18.7	28.1
120	18.9	15.8	23.6

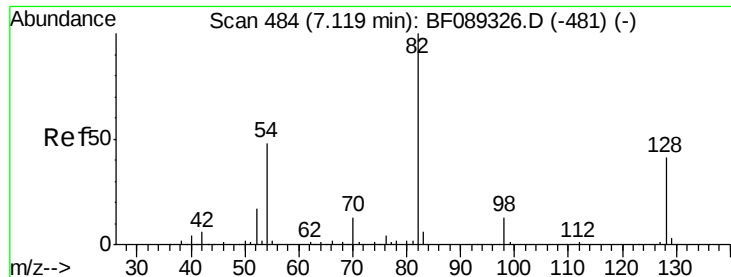
Abundance Ion 105.00 (104.70 to 105.70): E

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





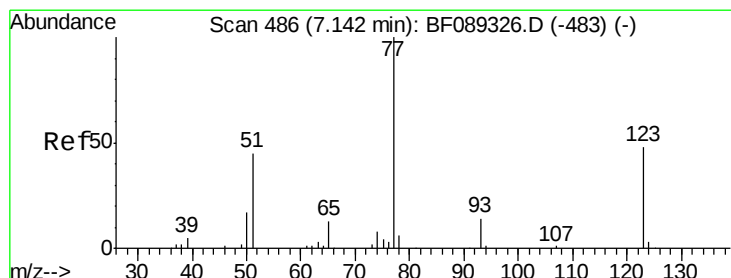
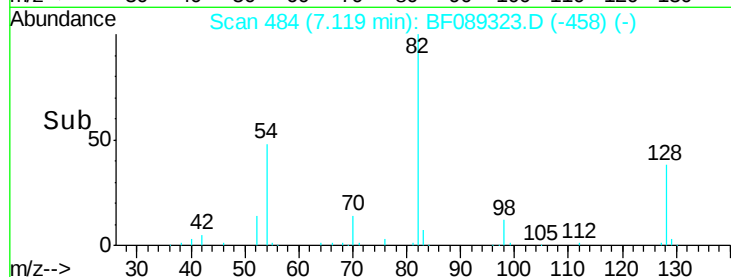
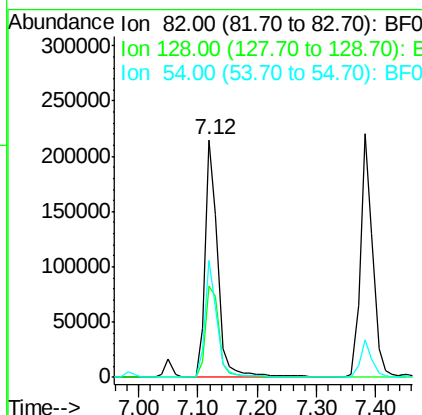
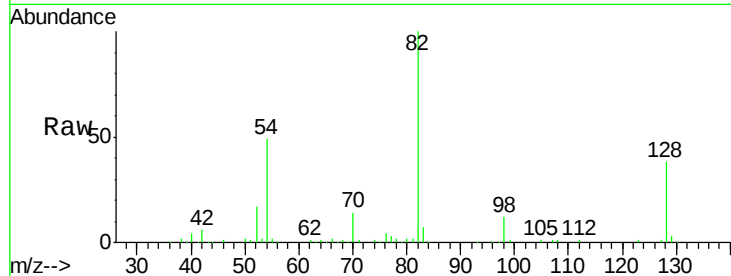
#23
 Nitrobenzene-d5
 Concen: 92.42 ng
 RT: 7.12 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	82	Resp	324758
Ion Ratio	100	Lower	Upper
82	100		
128	38.4	32.5	48.7
54	49.2	38.8	58.2

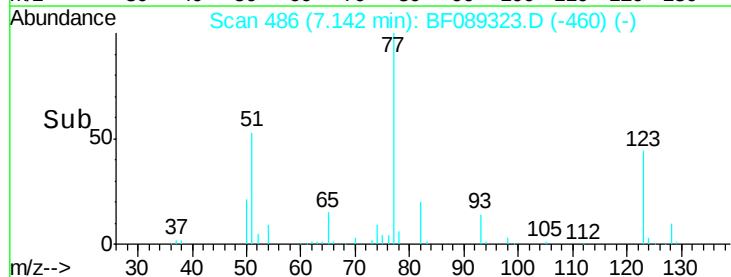
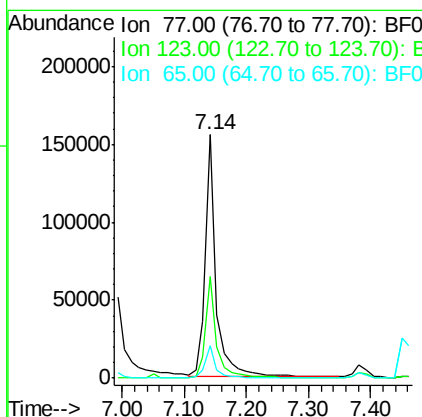
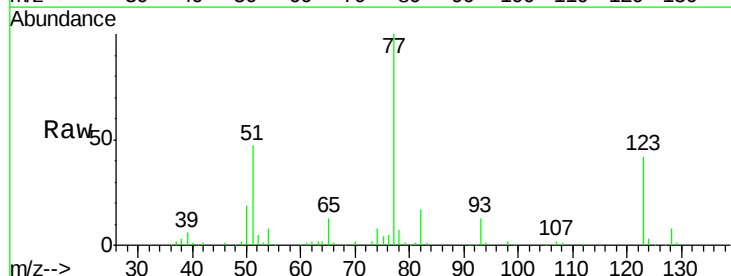
Manual Integrations

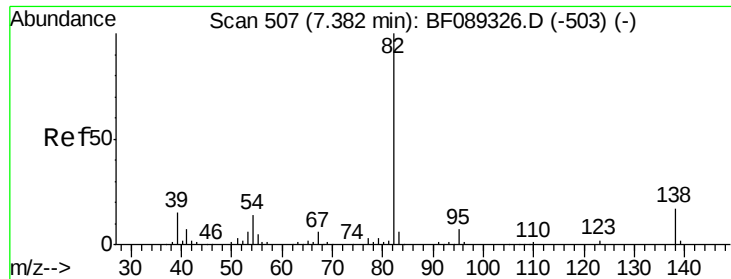
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#24
 Nitrobenzene
 Concen: 51.79 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion	77	Resp	191274
Ion Ratio	100	Lower	Upper
77	100		
123	41.9	37.2	55.8
65	13.2	10.2	15.4





#25

Isophorone

Concen: 48.64 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 82 Resp: 315473

Ion Ratio Lower Upper

82 100

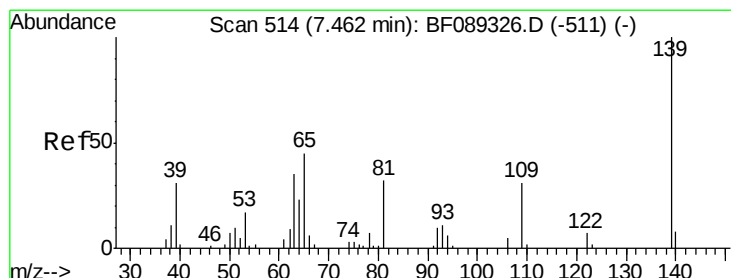
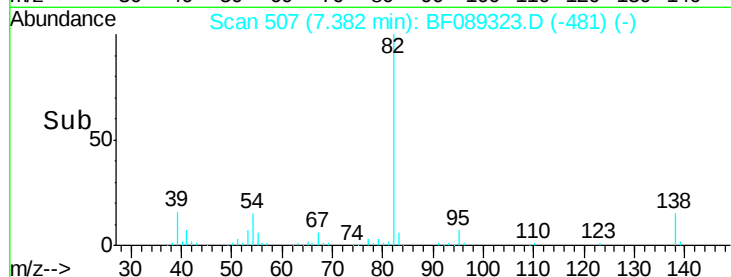
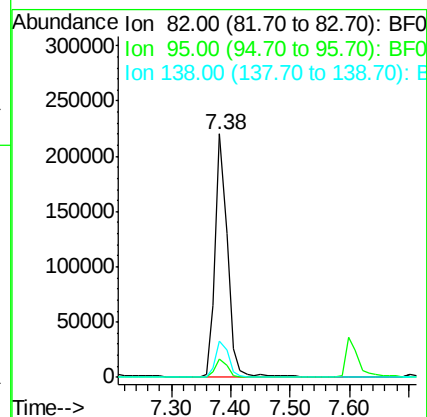
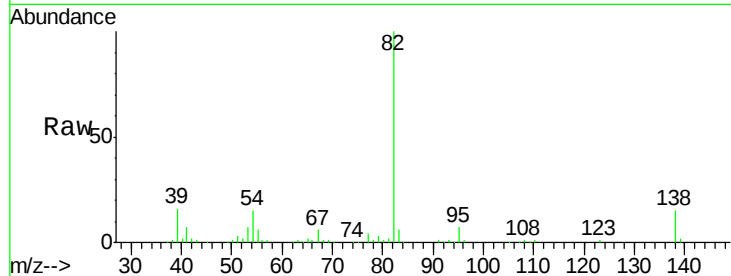
95 7.5 6.0 9.0

138 14.9 13.3 19.9

Manual Integrations

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#26

2-Nitrophenol

Concen: 46.74 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

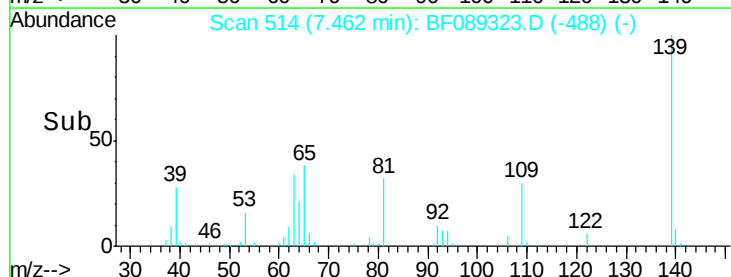
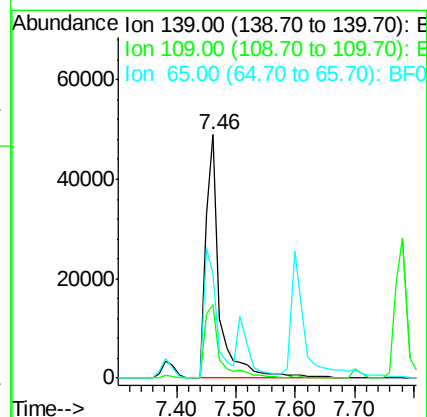
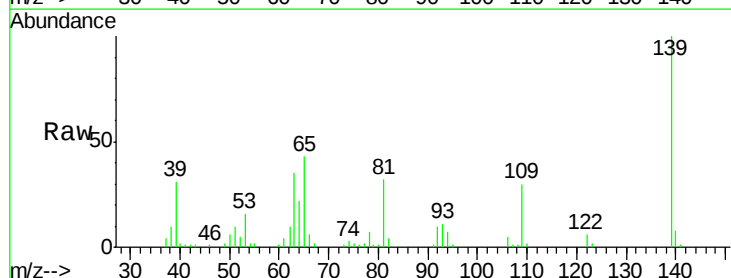
Tgt Ion: 139 Resp: 80679

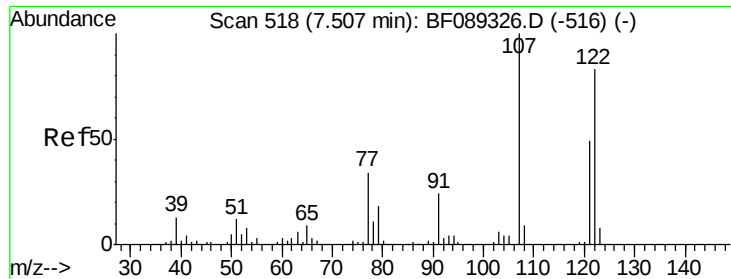
Ion Ratio Lower Upper

139 100

109 29.9 25.8 38.8

65 42.7 35.2 52.8





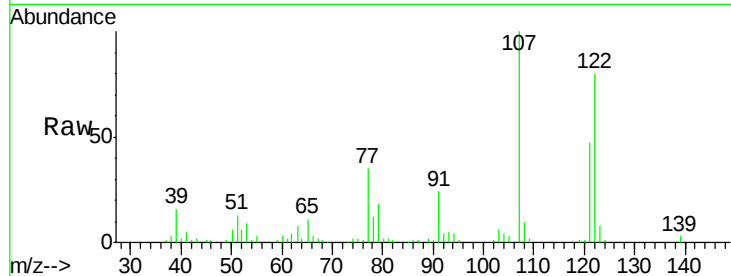
#27
2,4-Dimethylphenol
Concen: 43.24 ng
RT: 7.51 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

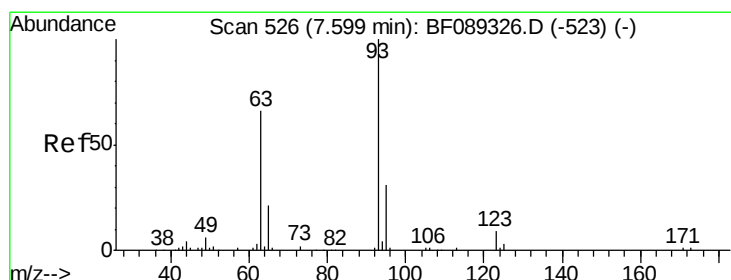
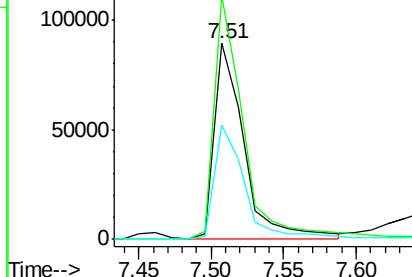
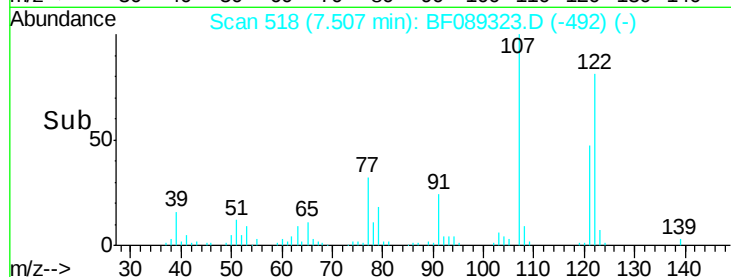
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.4	97.2	145.8
121	58.5	48.8	73.2

Manual Integrations

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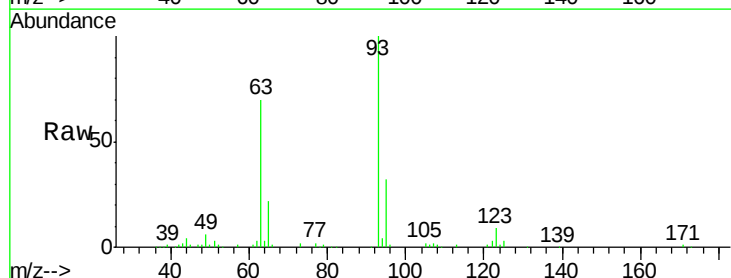


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

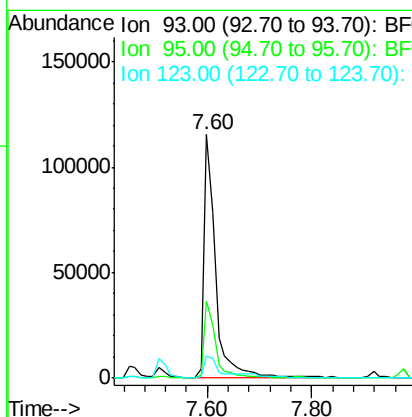
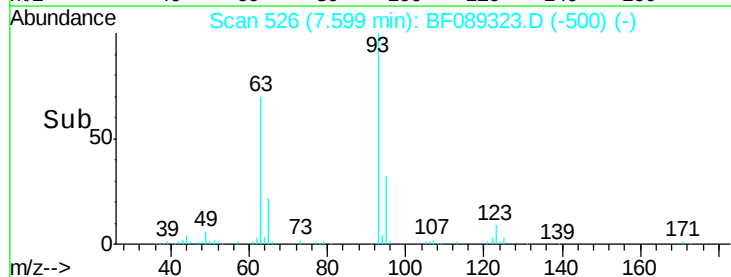


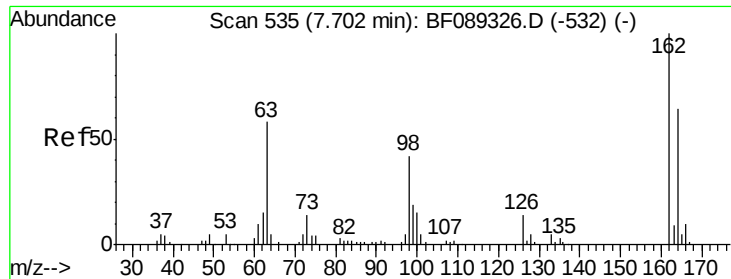
#28
bis(2-Chloroethoxy)methane
Concen: 44.14 ng
RT: 7.60 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	24.7	37.1
123	9.0	7.5	11.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





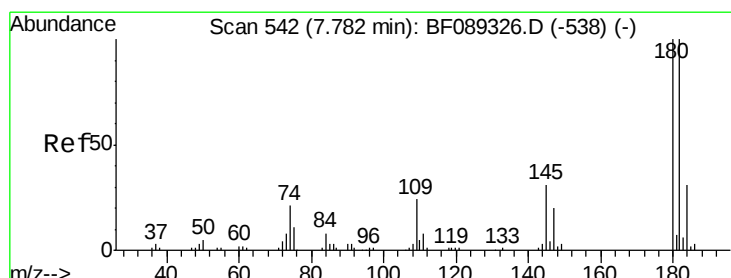
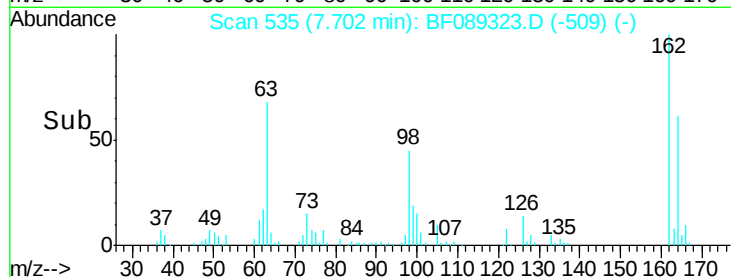
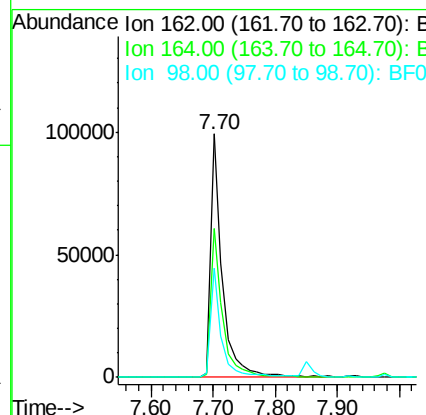
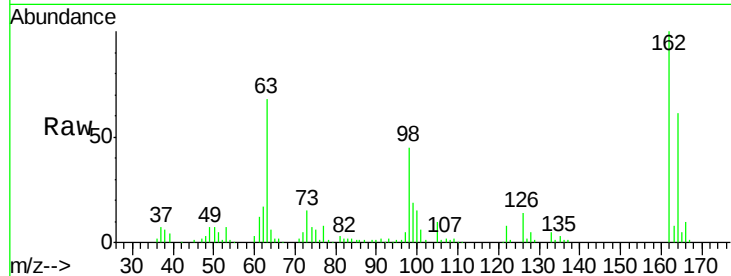
#29
 2,4-Dichlorophenol
 Concen: 48.88 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		128413		
164	61.2		44.0	84.0	
98	44.8		21.8	61.8	

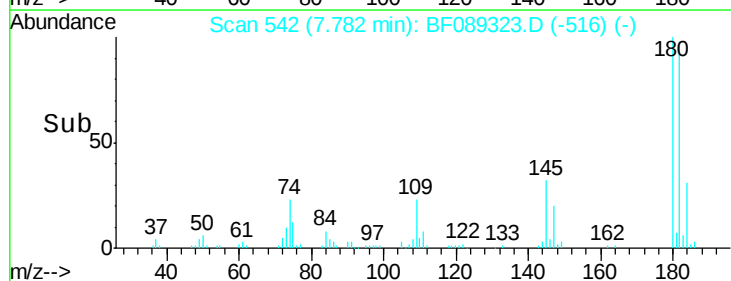
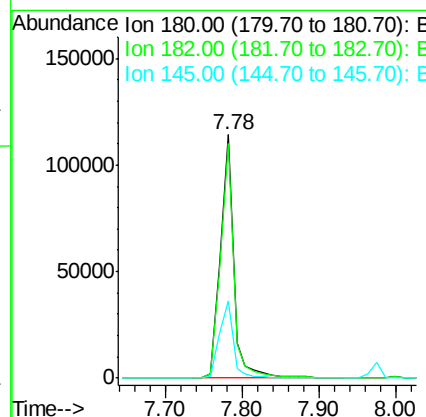
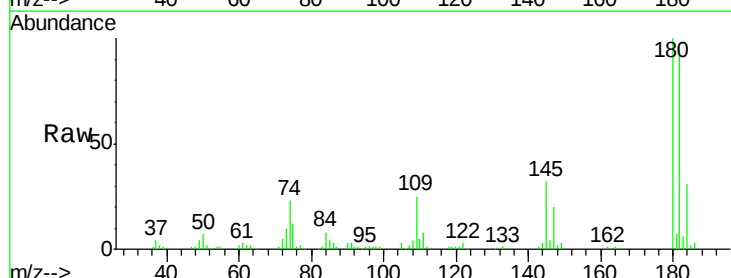
Manual Integrations

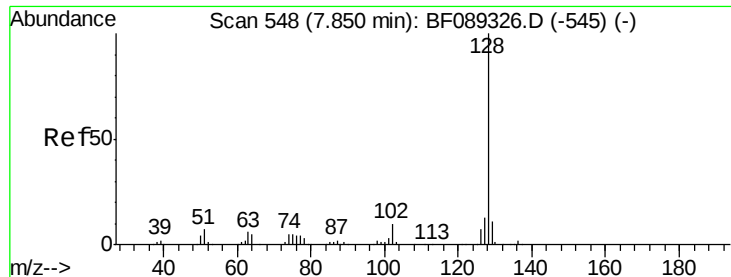
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#30
 1,2,4-Trichlorobenzene
 Concen: 47.71 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		138180		
182	96.4		78.2	117.2	
145	31.8		24.6	36.8	





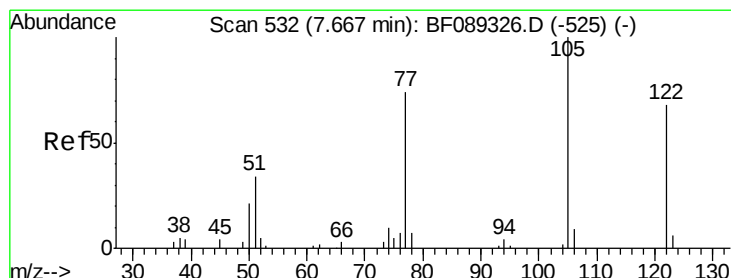
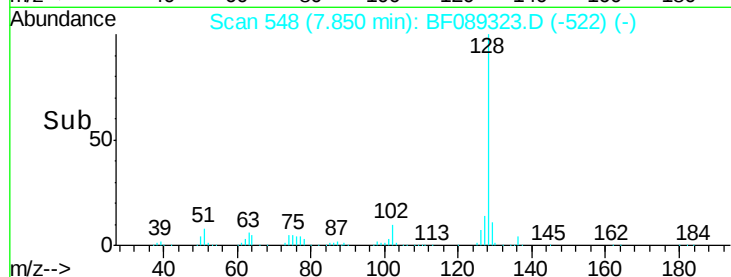
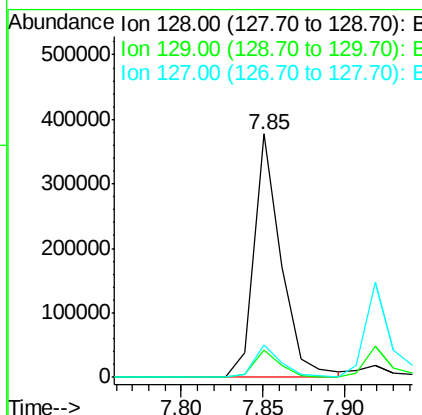
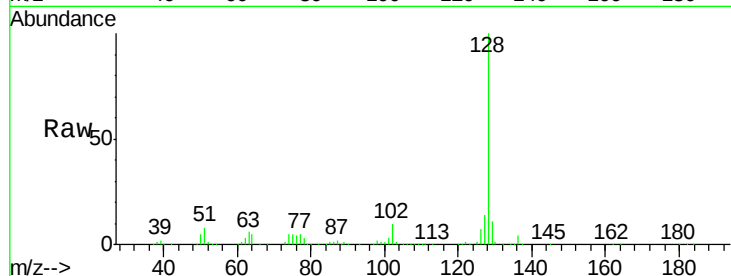
#31
Naphthalene
Concen: 43.53 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.5	10.8	16.2

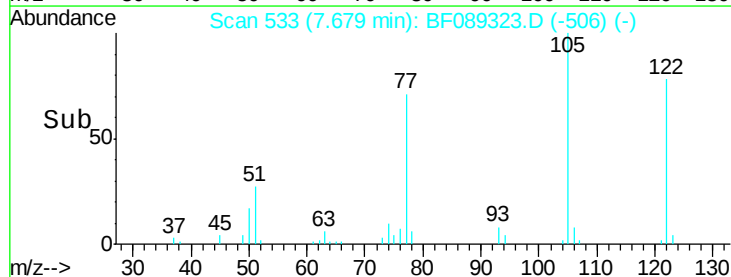
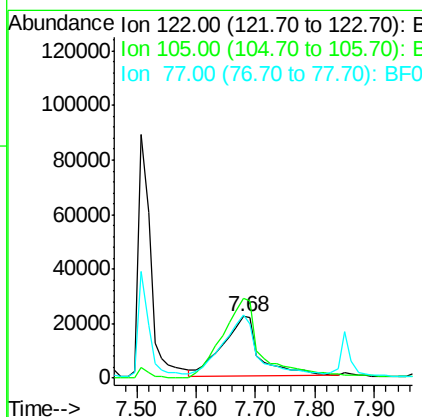
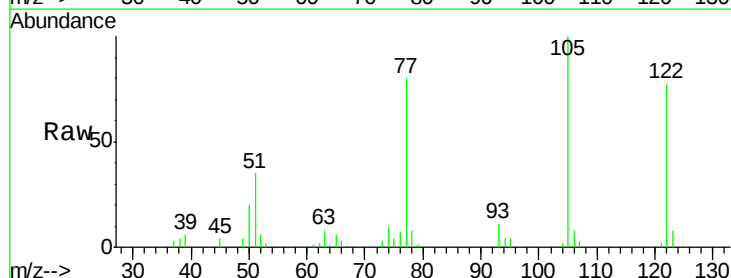
Manual Integrations

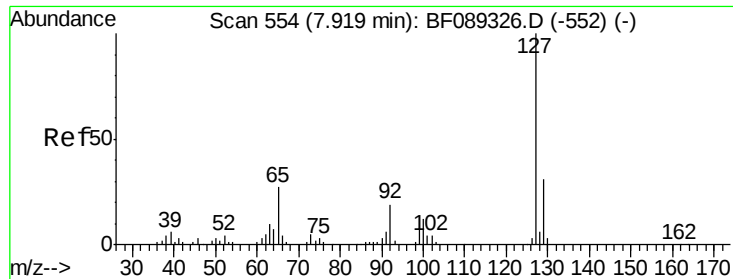
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#32
Benzoic acid
Concen: 44.44 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.01 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.9	106.4	146.4
77	103.6	76.4	116.4





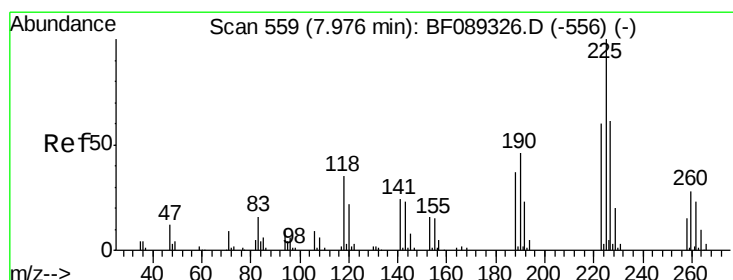
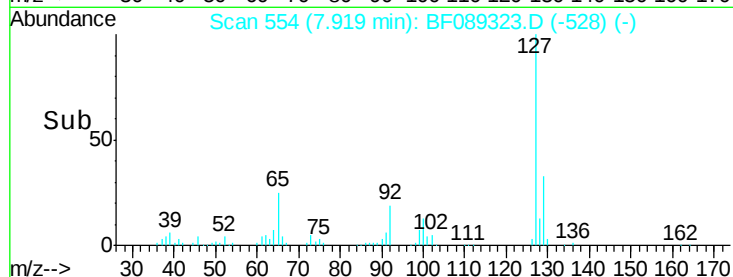
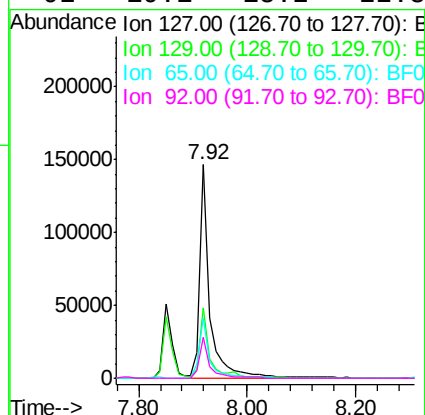
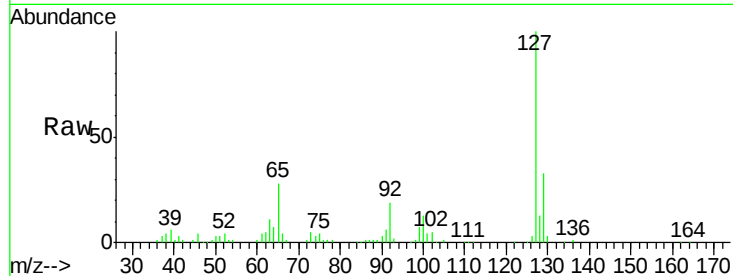
#33
4-Chloroaniline
Concen: 44.04 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		182839		
129	32.8	26.1	39.1		
65	28.0	22.0	33.0		
92	19.1	15.2	22.8		

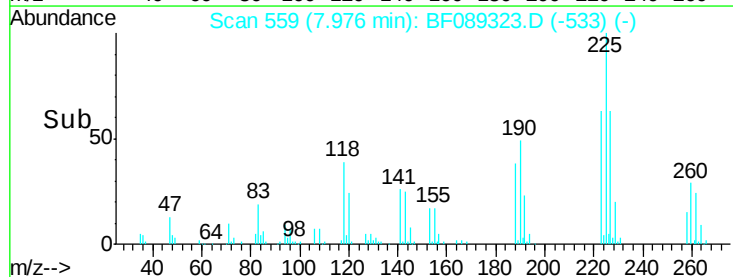
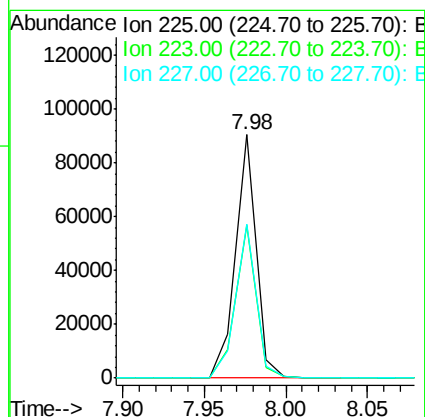
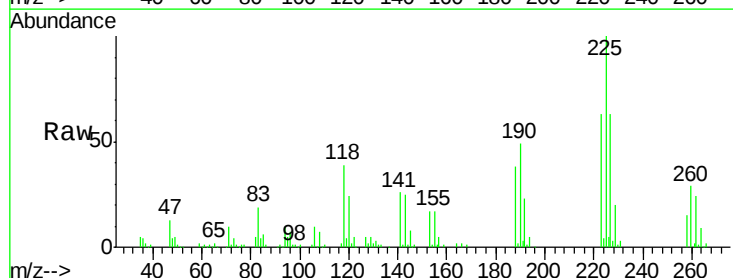
Manual Integrations

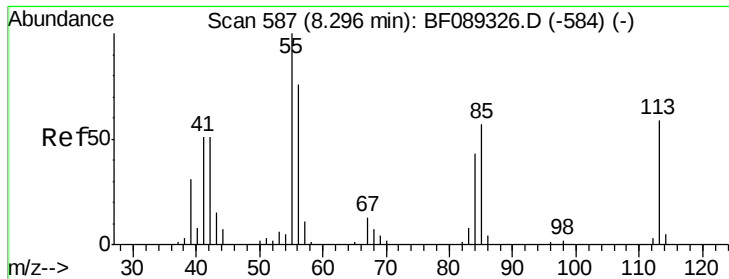
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#34
Hexachlorobutadiene
Concen: 48.55 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		78559		
223	62.8	49.8	74.8		
227	63.0	49.4	74.2		





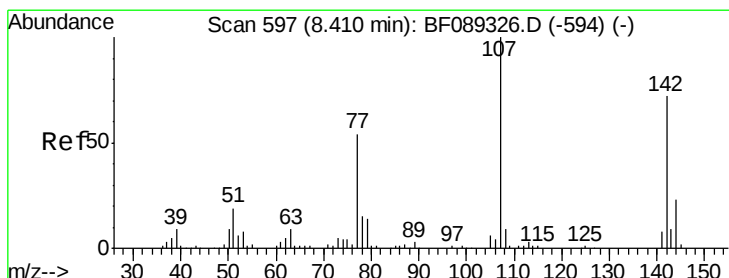
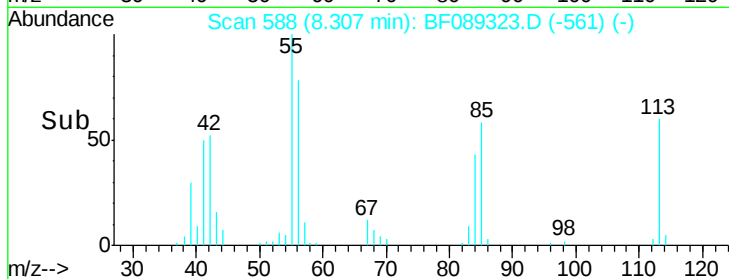
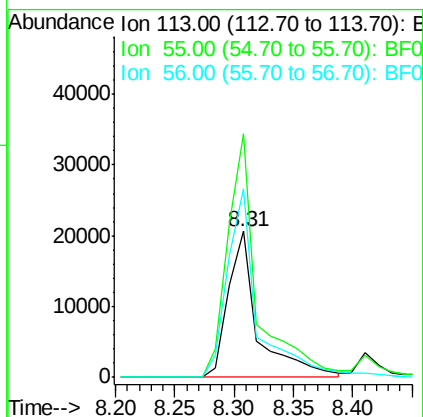
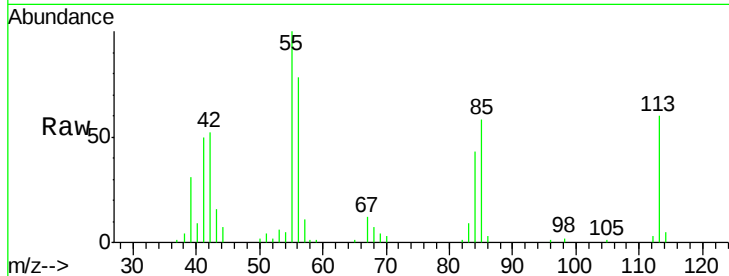
#35
Caprolactam
Concen: 44.86 ng
RT: 8.31 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:113 Resp: 36187
Ion Ratio Lower Upper
113 100
55 166.8 142.3 182.3
56 129.4 105.8 145.8

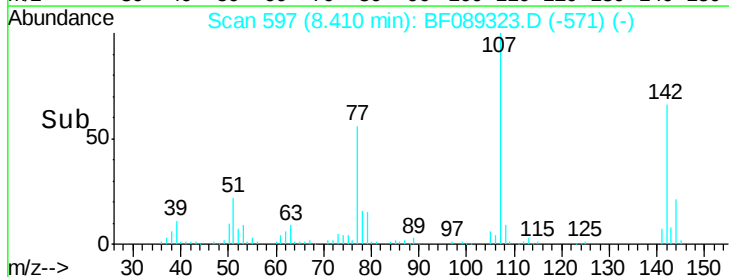
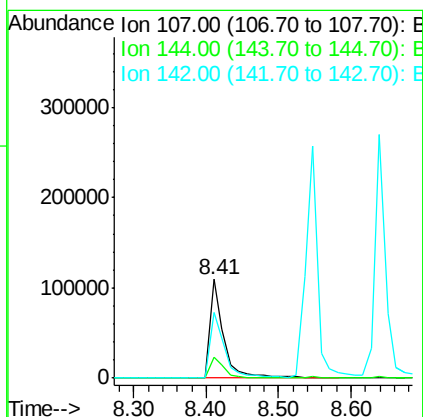
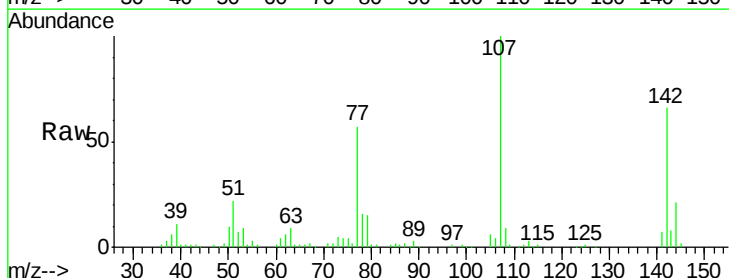
Manual Integrations

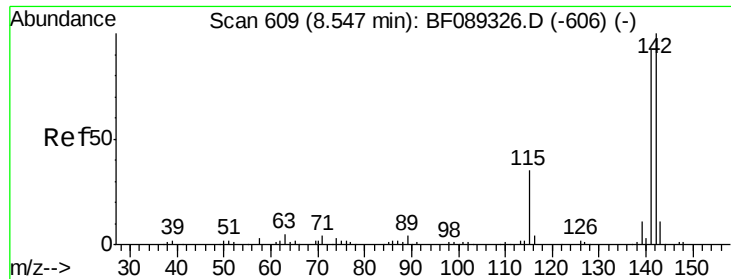
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#36
4-Chloro-3-methylphenol
Concen: 45.44 ng
RT: 8.41 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Tgt Ion:107 Resp: 143884
Ion Ratio Lower Upper
107 100
144 21.0 18.4 27.6
142 66.3 58.6 87.8





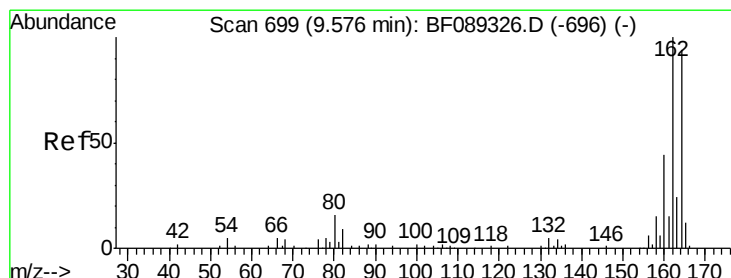
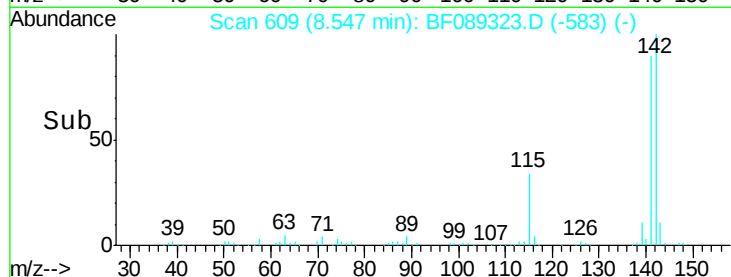
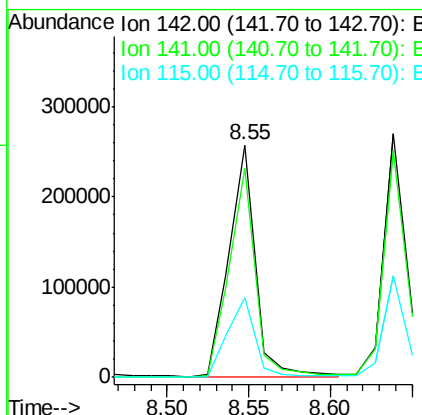
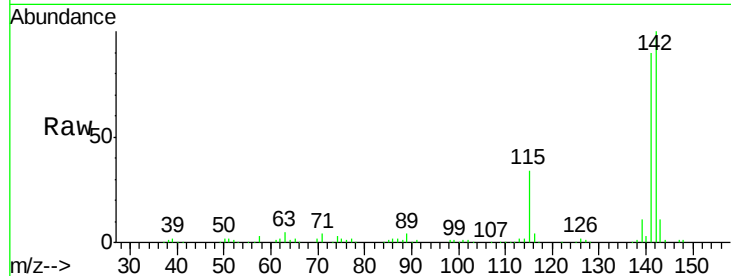
#37
2-Methylnaphthalene
Concen: 46.05 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.9	106.3
115	34.4	27.6	41.4

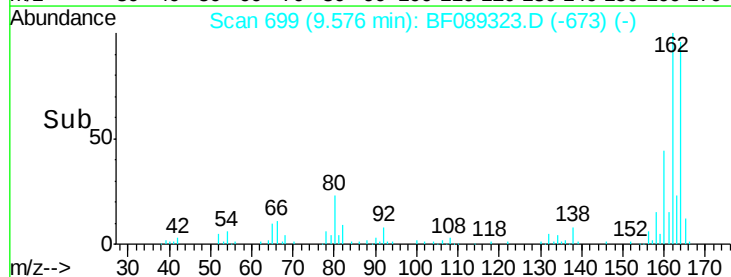
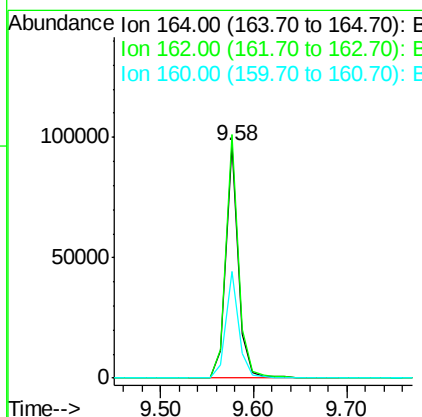
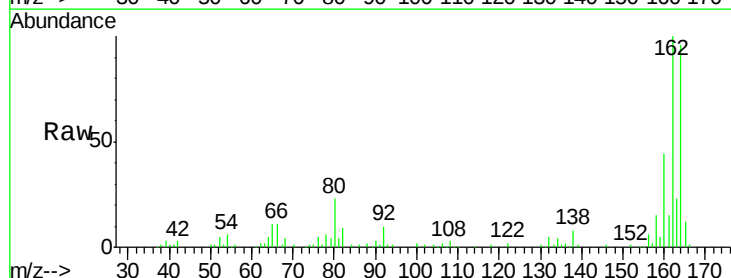
Manual Integrations

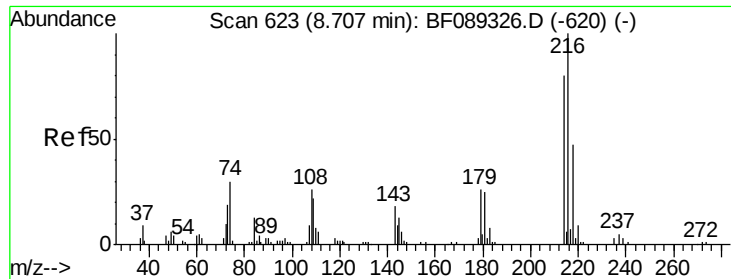
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.7	125.5
160	45.6	37.8	56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.42 ng

RT: 8.72 min Scan# 624

Delta R.T. 0.01 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampled :

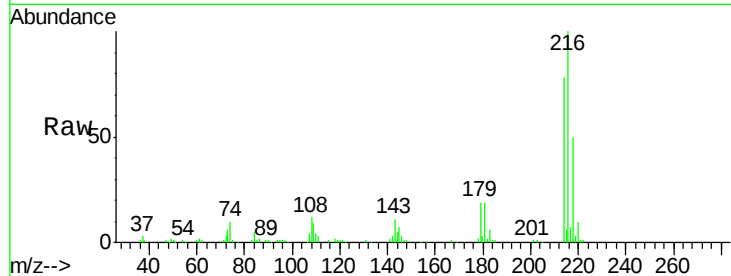
SSTDICC050

Tot Ion:	216	Resp:	151155
Ion Ratio		Lower	Upper
216	100		
214	78.5	63.3	94.9
179	22.4	18.1	27.1
108	20.9	17.2	25.8

Manual Integrations

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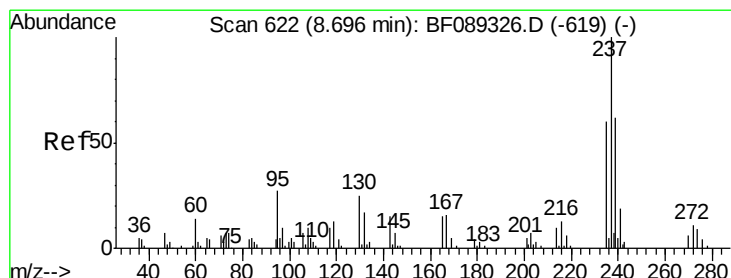
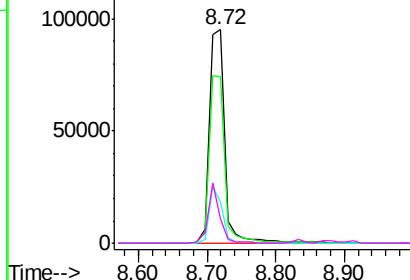
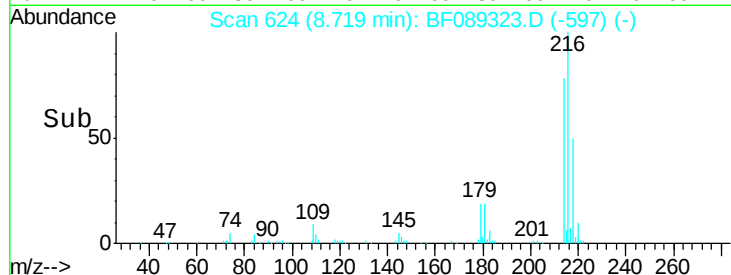


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.63 ng

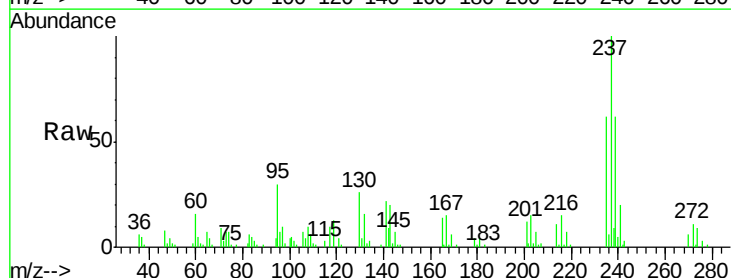
RT: 8.70 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

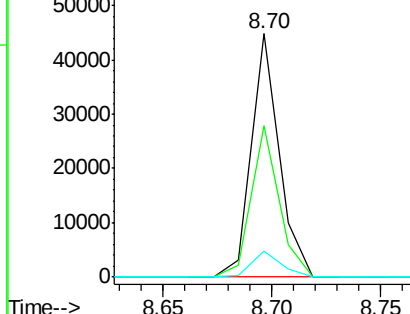
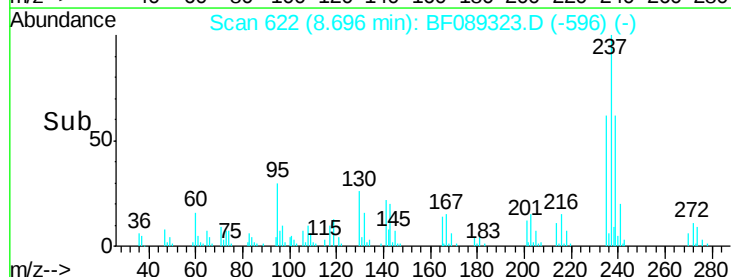
Tgt Ion:	237	Resp:	39678
Ion Ratio		Lower	Upper
237	100		
235	62.3	41.6	81.6
272	10.9	0.0	30.8

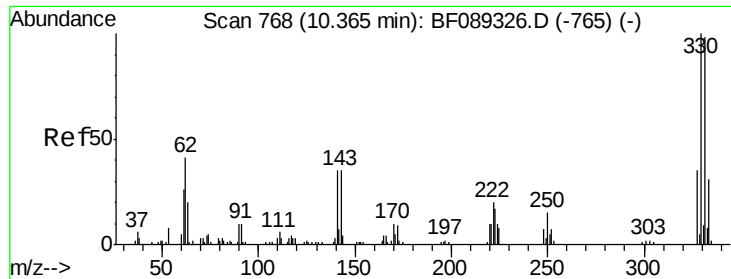


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





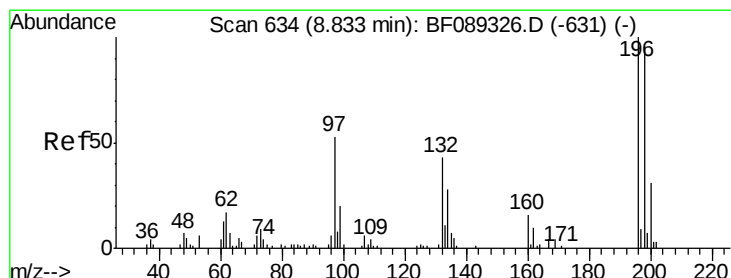
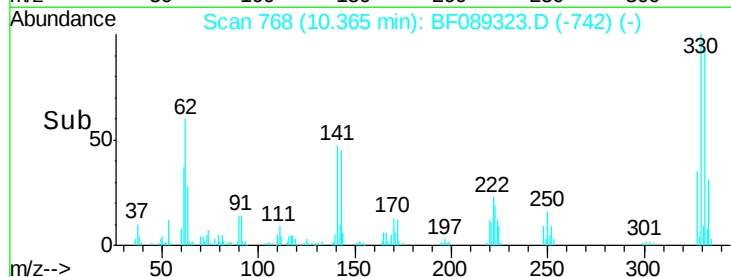
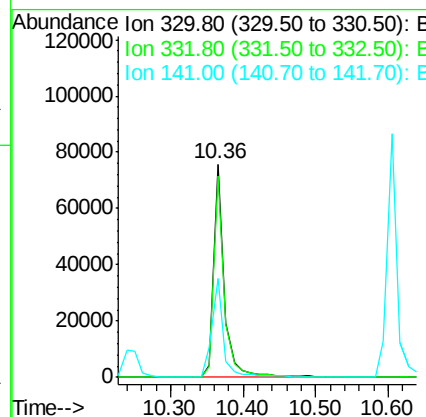
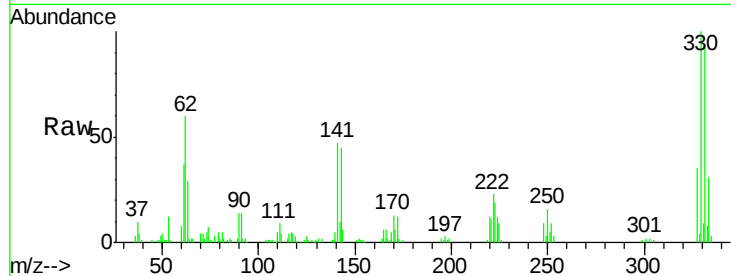
#41
 2,4,6-Tribromophenol
 Concen: 95.97 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.8	115.2
141	51.2	37.3	55.9

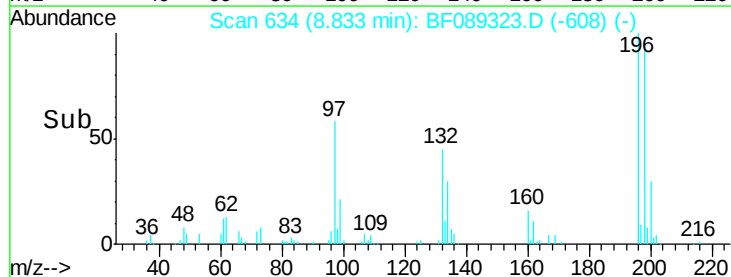
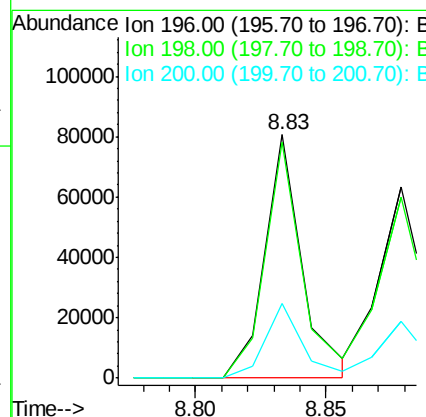
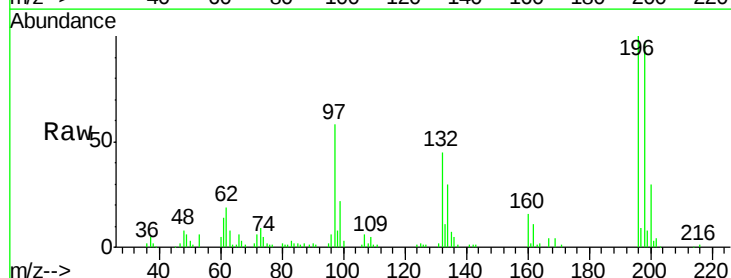
Manual Integrations

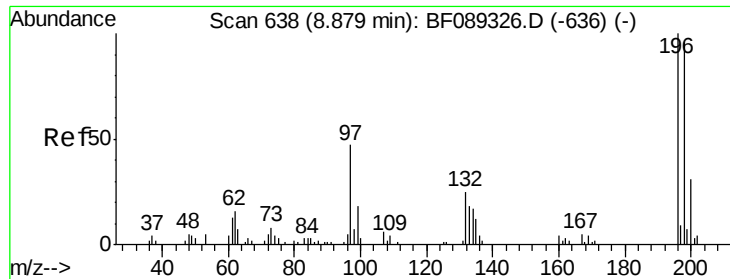
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#42
 2,4,6-Trichlorophenol
 Concen: 44.47 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	75.5	113.3
200	30.4	23.9	35.9





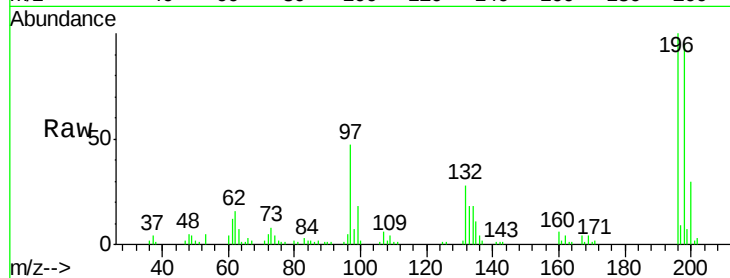
#43
 2,4,5-Trichlorophenol
 Concen: 48.95 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

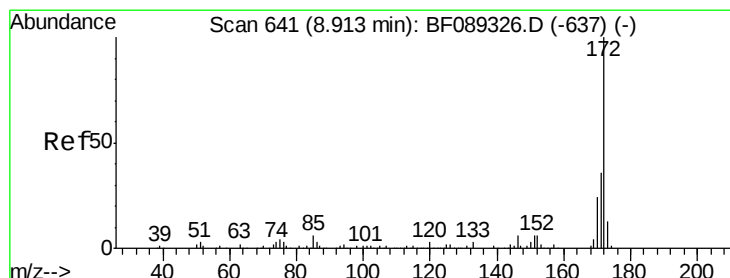
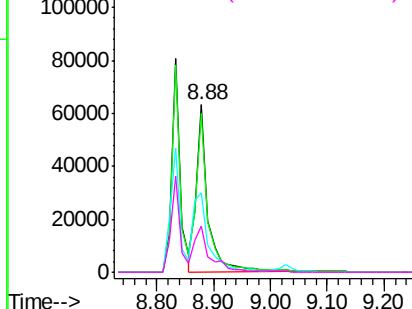
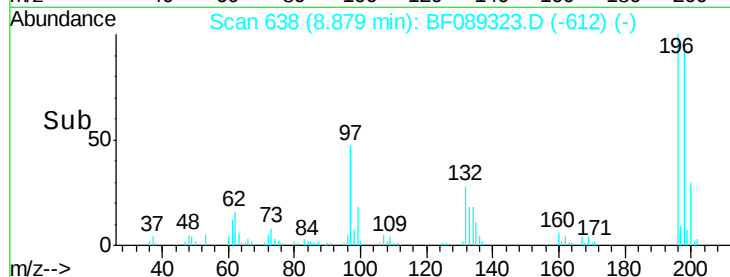
Tot Ion:	196	Resp:	91201
Ion	Ratio	Lower	Upper
196	100		
198	95.2	78.7	118.1
97	47.2	39.7	59.5
132	27.9	22.8	34.2

Manual Integrations

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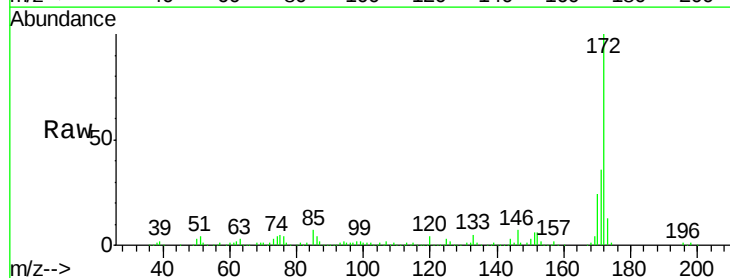


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

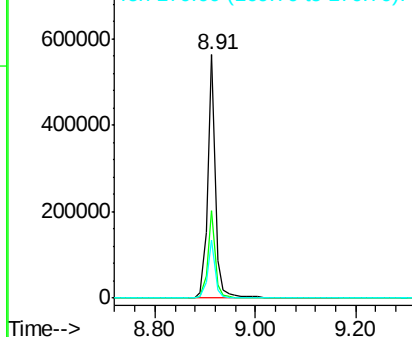
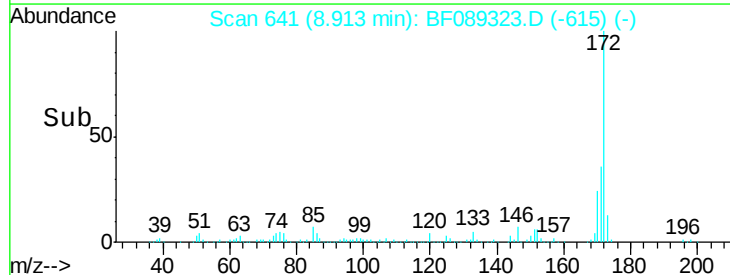


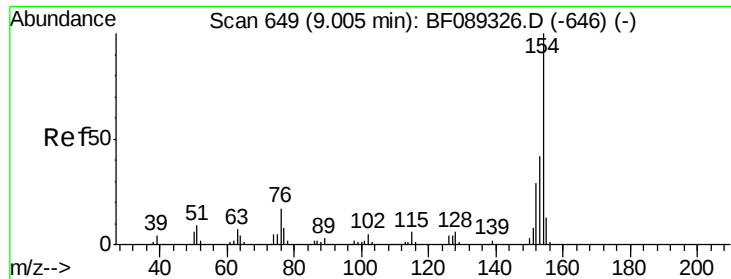
#44
 2-Fluorobiphenyl
 Concen: 93.08 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion:	172	Resp:	602455
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	23.8	19.2	28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





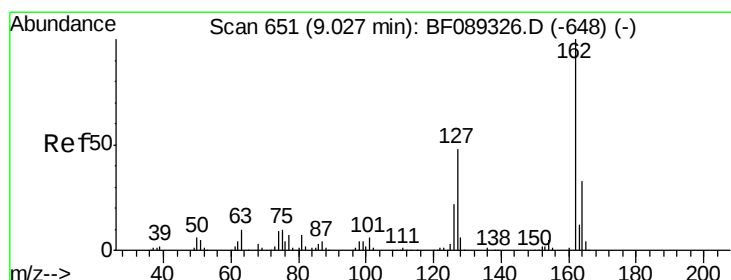
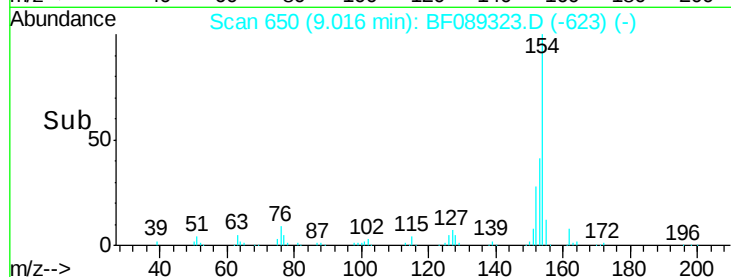
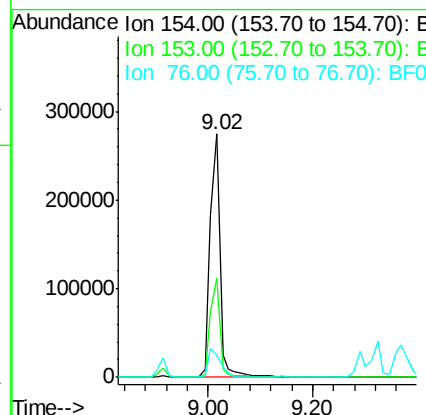
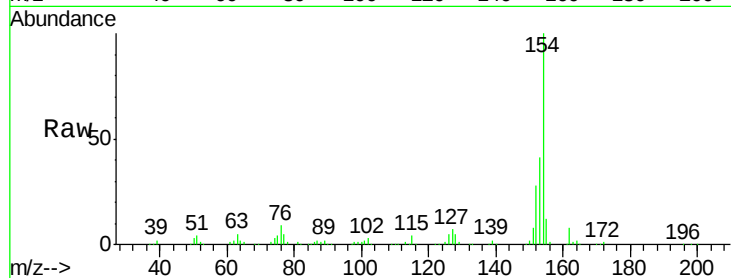
#45
 1,1'-Biphenyl
 Concen: 44.60 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.01 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.0	61.0
76	9.1	0.0	36.6

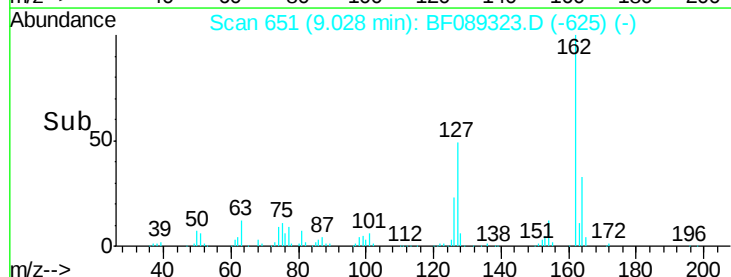
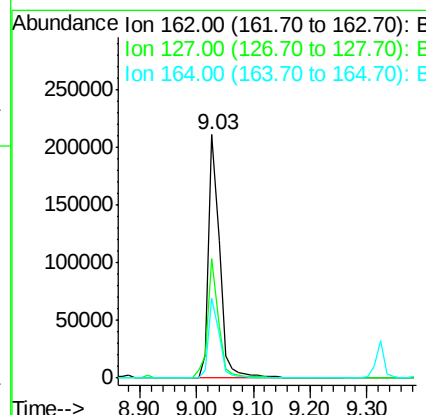
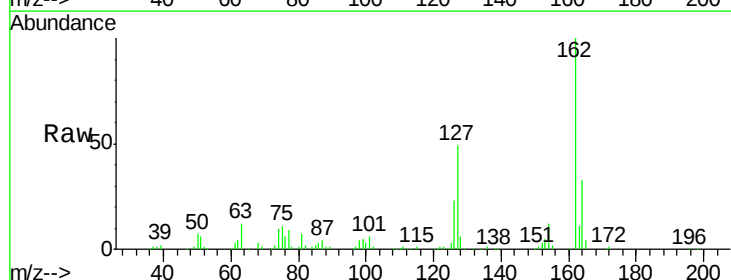
Manual Integrations

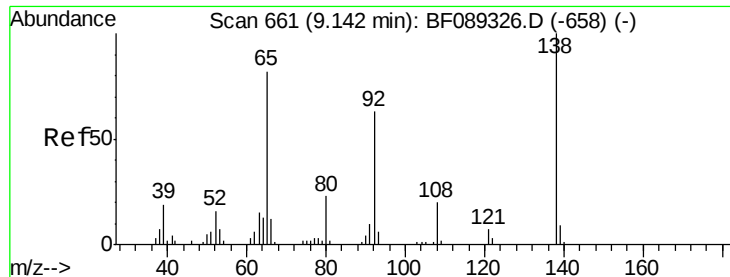
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#46
 2-Chloronaphthalene
 Concen: 44.77 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	48.8	37.8	56.8
164	32.6	25.8	38.8





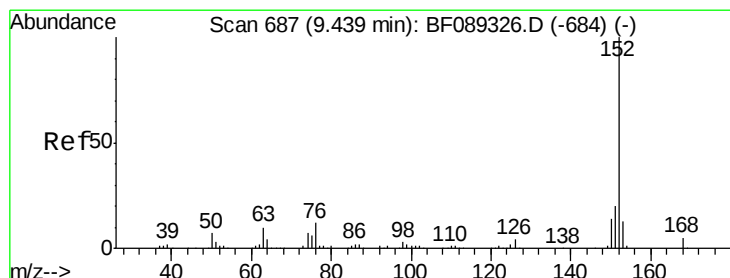
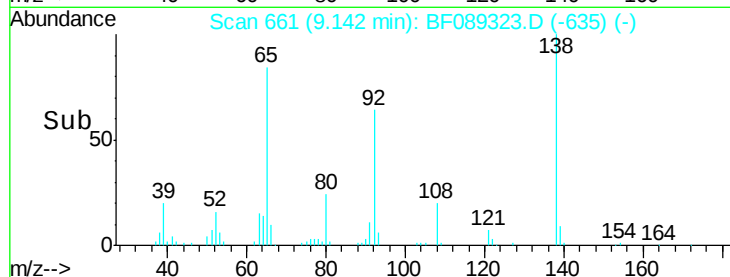
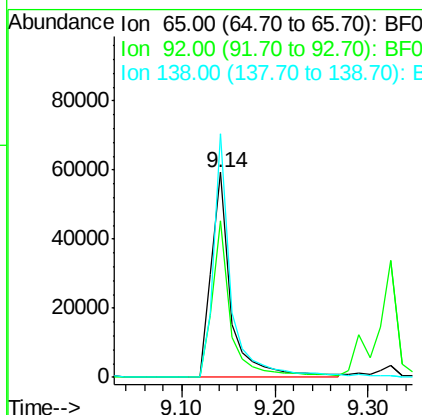
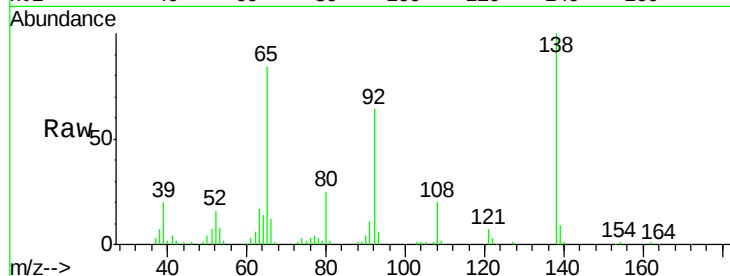
#47
2-Nitroaniline
Concen: 42.55 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.2	61.0	91.4
138	118.7	99.1	148.7

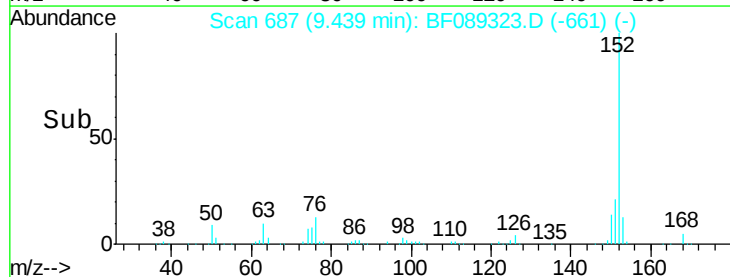
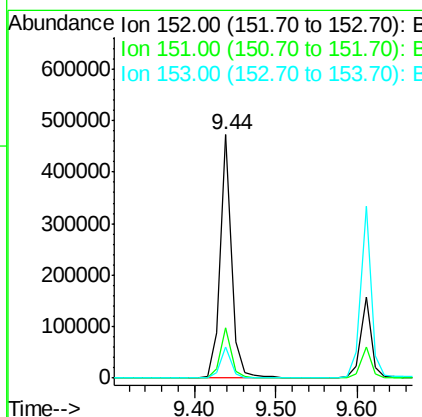
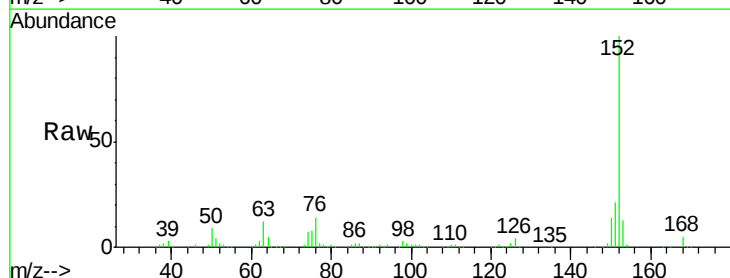
Manual Integrations

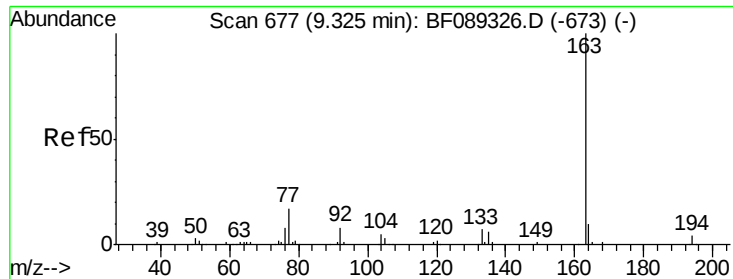
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7/28/2016 4:55:21 PM



#48
Acenaphthylene
Concen: 47.02 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.2
153	13.0	10.2	15.4





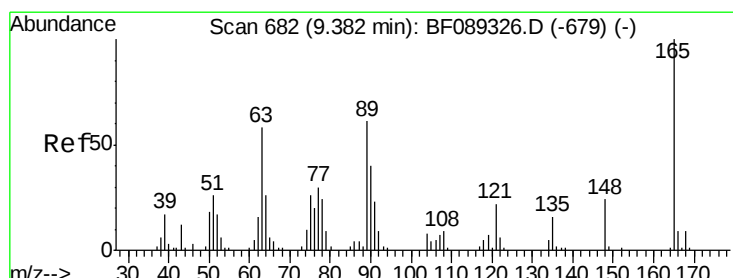
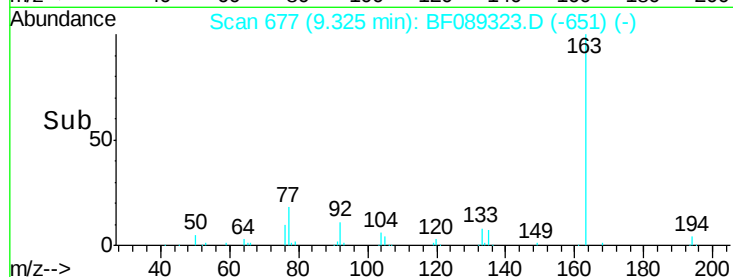
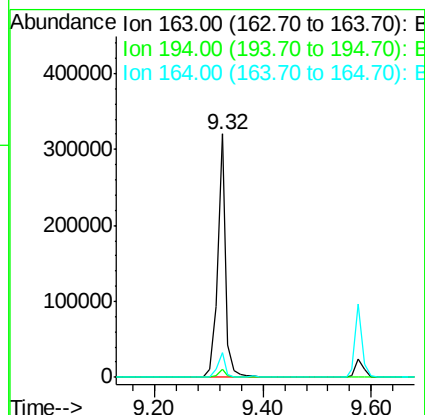
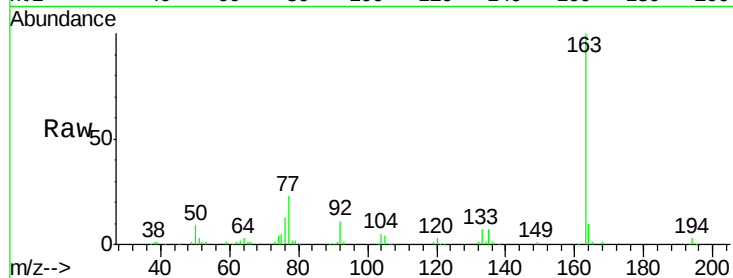
#49
Dimethylphthalate
Concen: 49.09 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.2	7.8	11.8

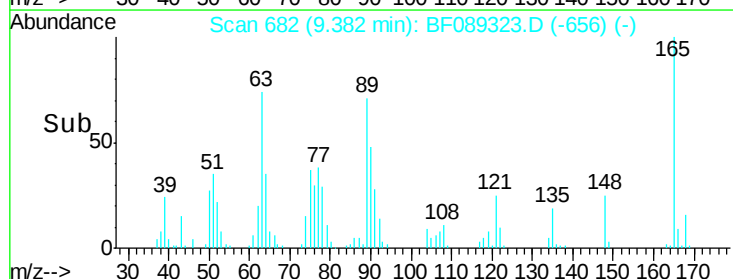
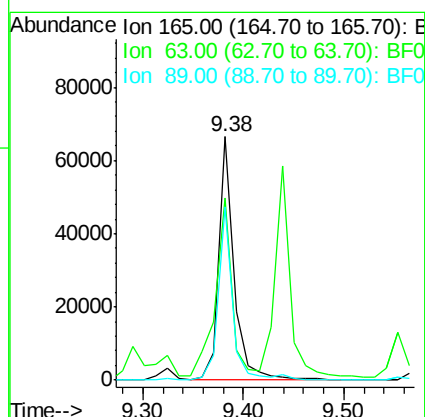
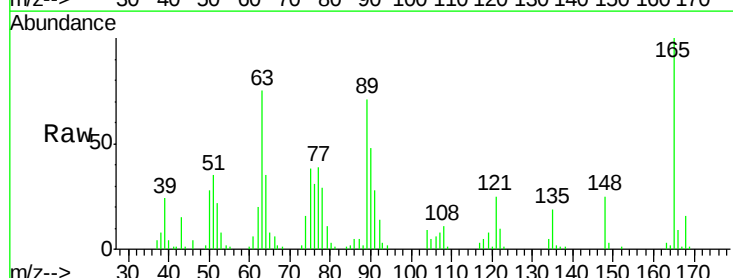
Manual Integrations

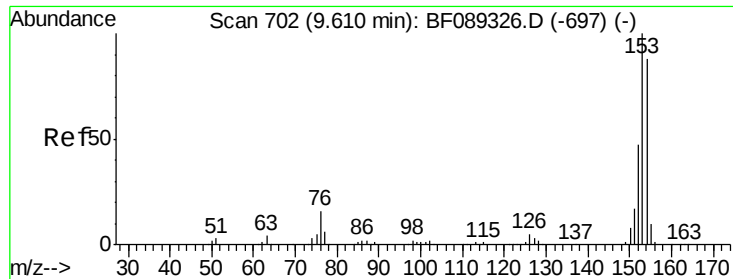
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#50
2,6-Dinitrotoluene
Concen: 45.53 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	75.0	43.5	65.3#
89	71.3	45.0	67.4#





#51

Acenaphthene

Concen: 46.78 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

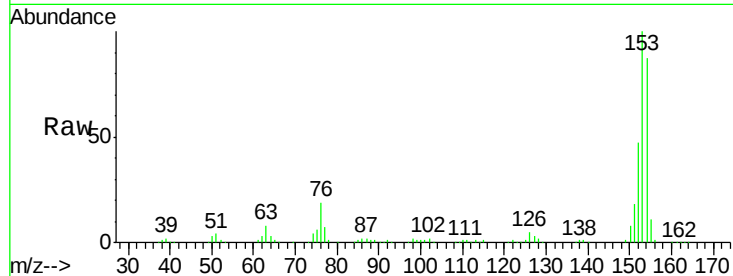
SSTDIC050

Tot Ion:	154	Resp:	267151
Ion Ratio	Lower	Upper	
154	100		
153	114.5	91.4	137.2
152	54.2	43.8	65.6

Manual Integrations

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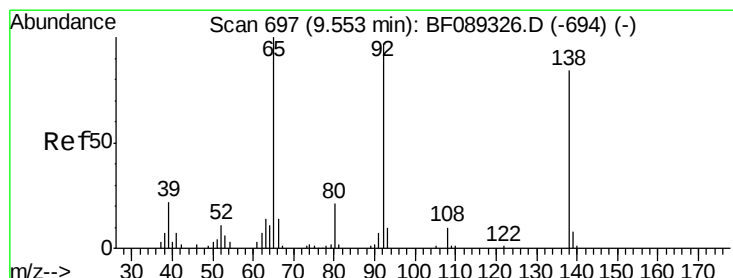
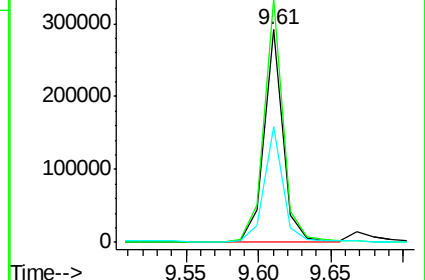
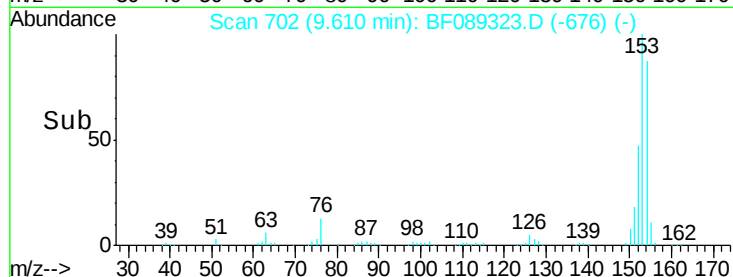
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.26 ng

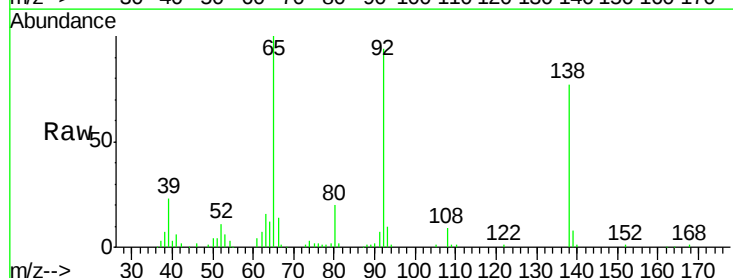
RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

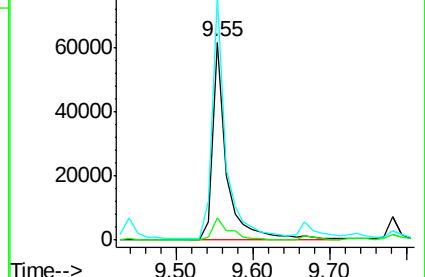
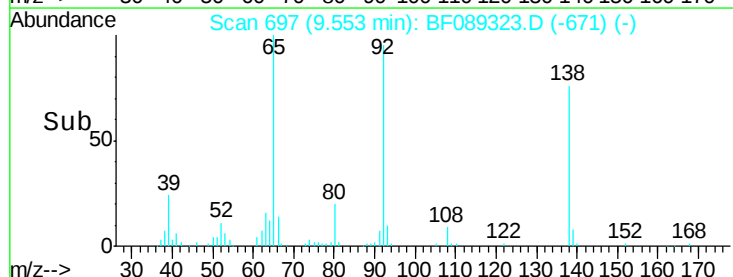
Tgt Ion:	138	Resp:	79318
Ion Ratio	Lower	Upper	
138	100		
108	11.3	8.6	13.0
92	123.2	90.0	135.0

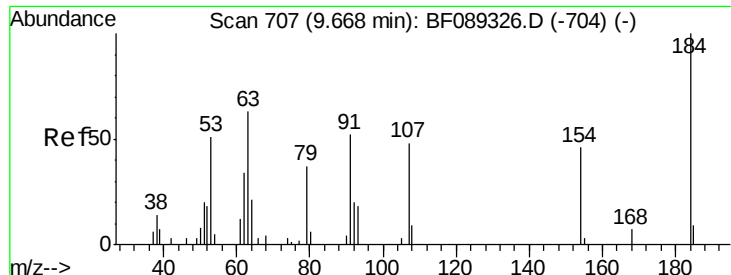


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





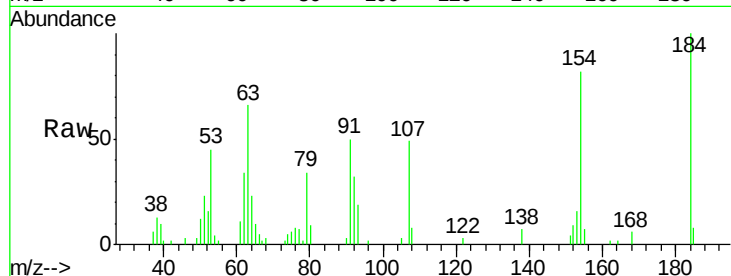
#53
 2,4-Dinitrophenol
 Concen: 42.73 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

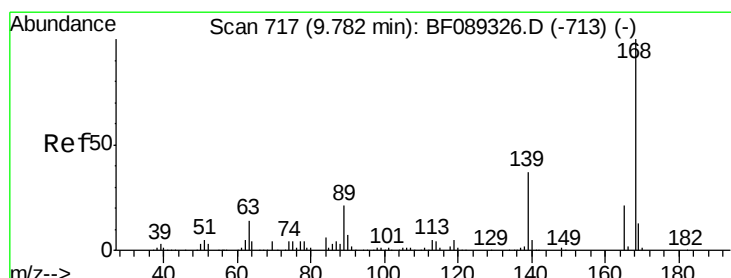
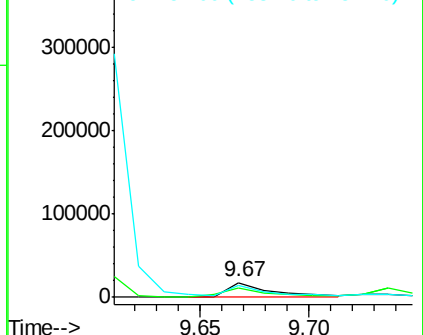
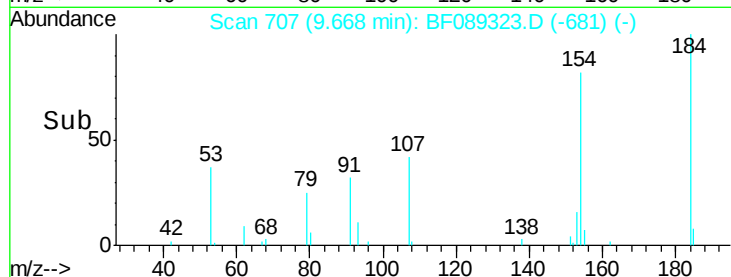
Tot Ion	Ratio	Lower	Upper
184	100		
63	66.5	60.6	90.8
154	82.2	69.8	104.8

Manual Integrations

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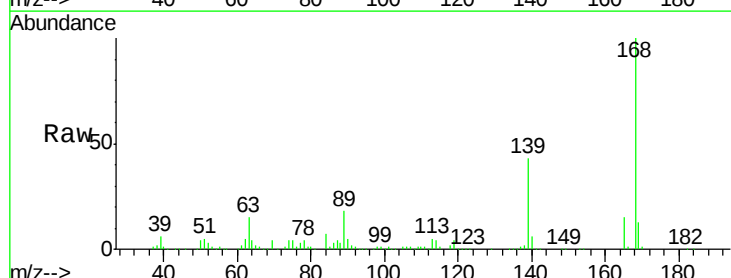


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

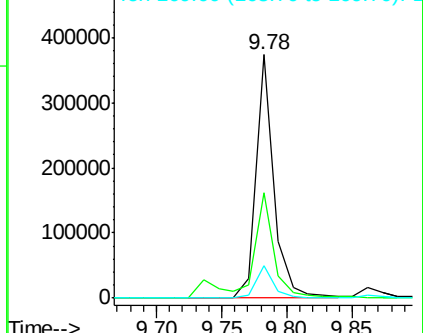
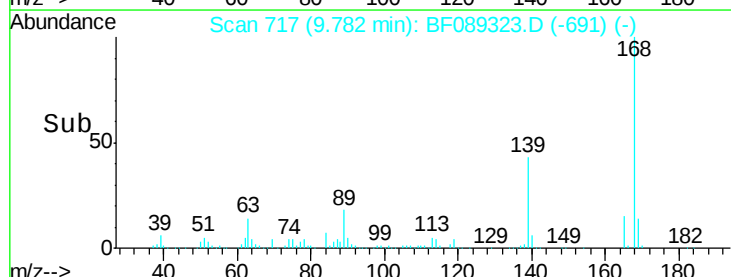


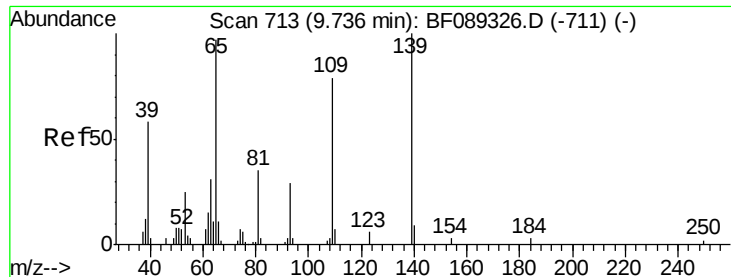
#54
 Dibenzofuran
 Concen: 46.85 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.1	33.7	50.5
169	13.5	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





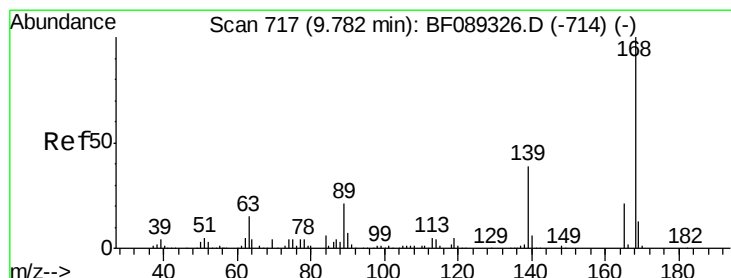
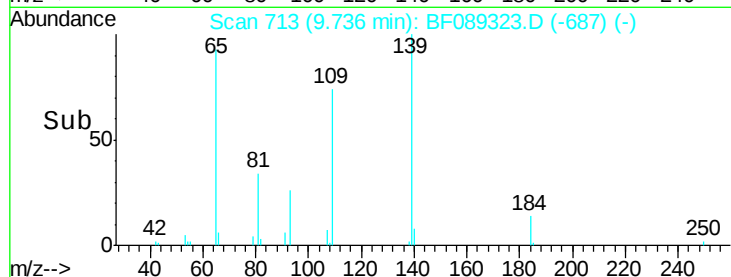
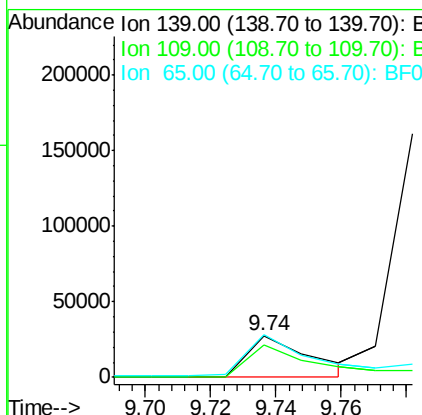
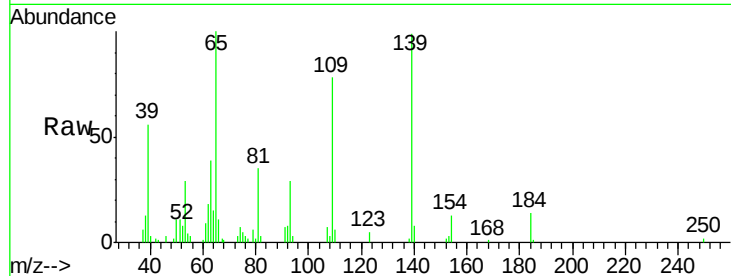
#55
4-Nitrophenol
Concen: 34.56 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
139	100		
109	78.5	57.8	97.8
65	101.0	81.7	121.7

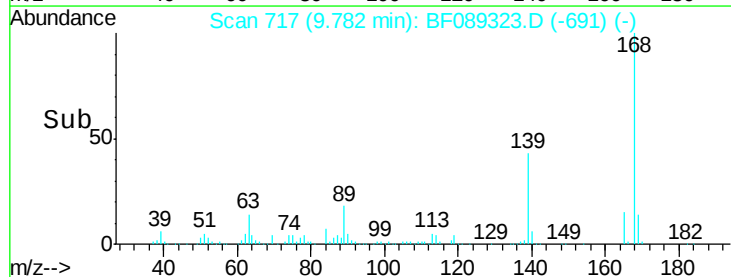
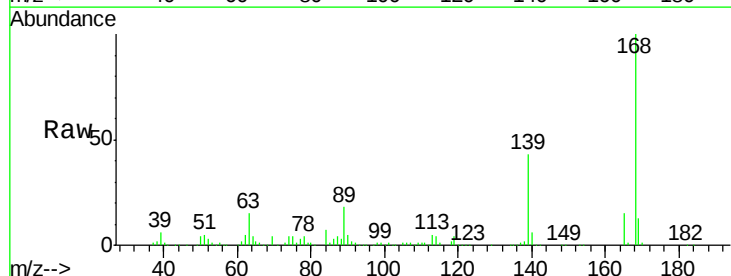
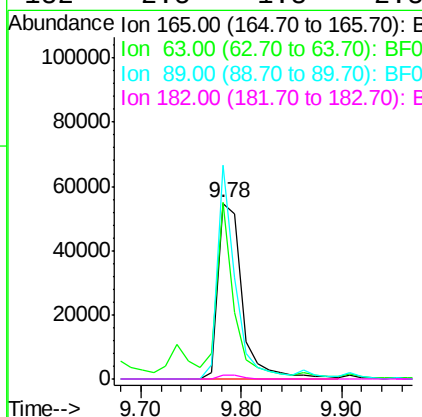
Manual Integrations

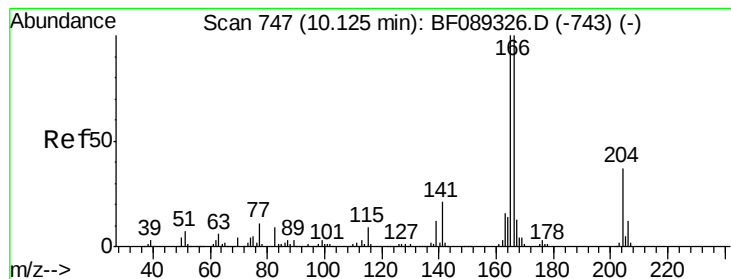
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#56
2,4-Dinitrotoluene
Concen: 46.15 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	100.5	58.2	87.2#
89	121.5	79.1	118.7#
182	2.5	1.8	2.8





#57

Fluorene

Concen: 49.39 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:166 Resp: 318622

Ion Ratio Lower Upper

166 100

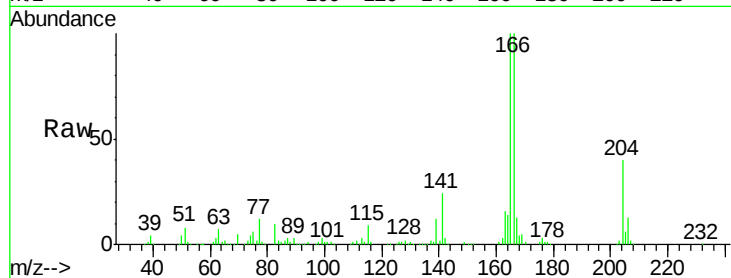
165 100.4 79.0 118.4

167 13.5 10.2 15.2

Manual Integrations

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7/28/2016 4:55:21 PM

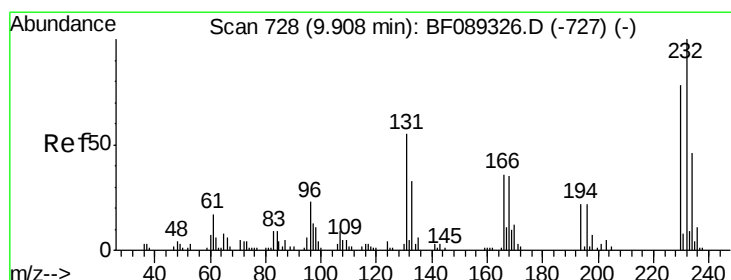
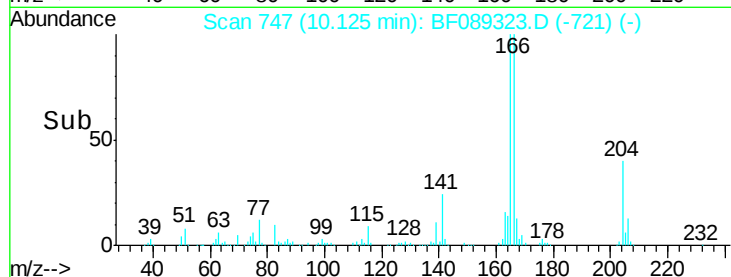
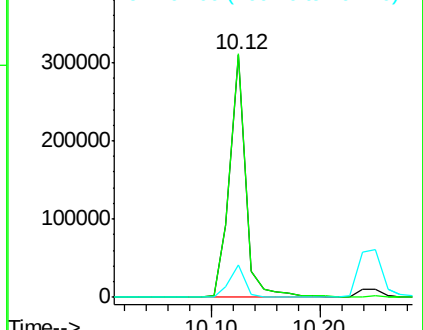


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.27 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Tgt Ion:232 Resp: 71500

Ion Ratio Lower Upper

232 100

131 51.3 42.7 64.1

130 2.2 1.7 2.5

166 31.8 25.7 38.5

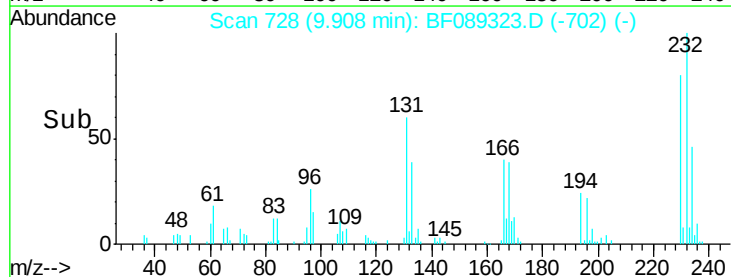
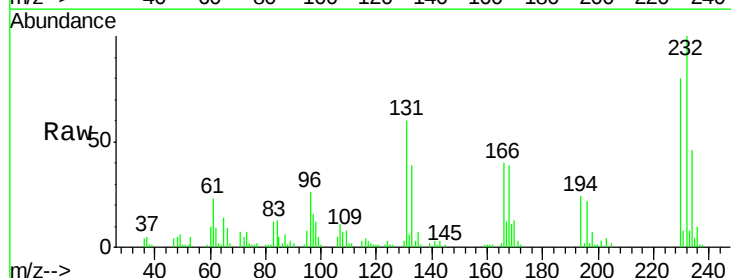
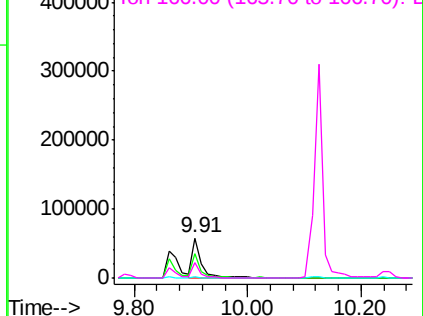
Abundance

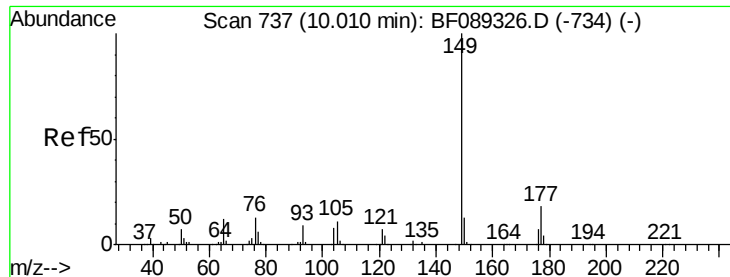
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





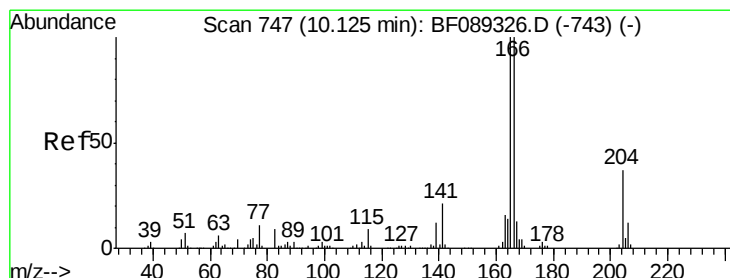
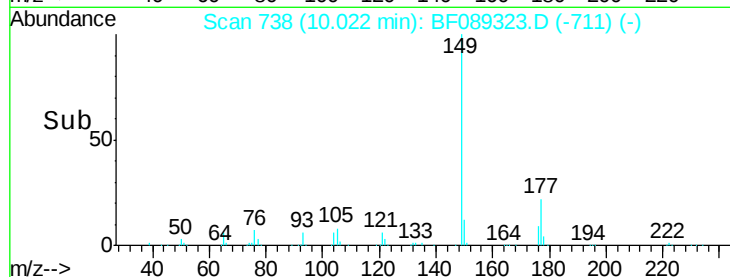
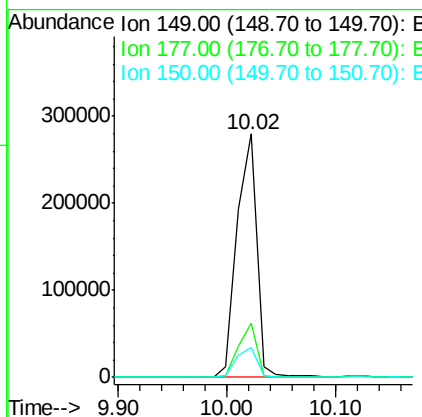
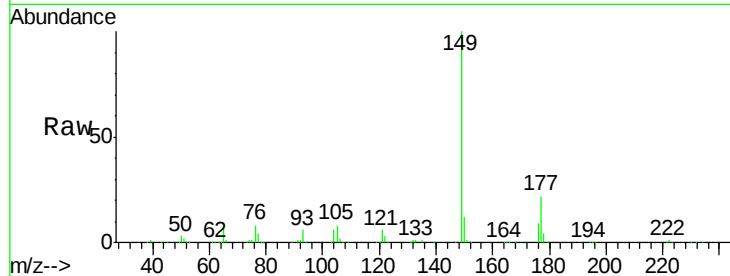
#59
Diethylphthalate
Concen: 51.07 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.4	15.1	22.7
150	12.1	10.2	15.4

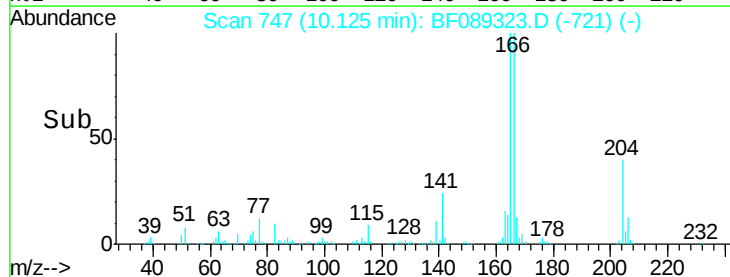
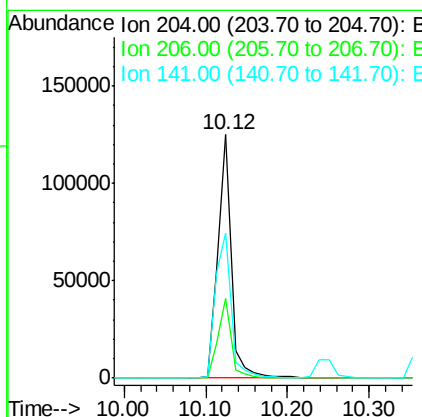
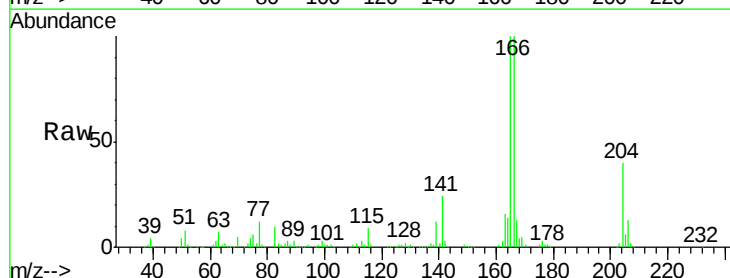
Manual Integrations

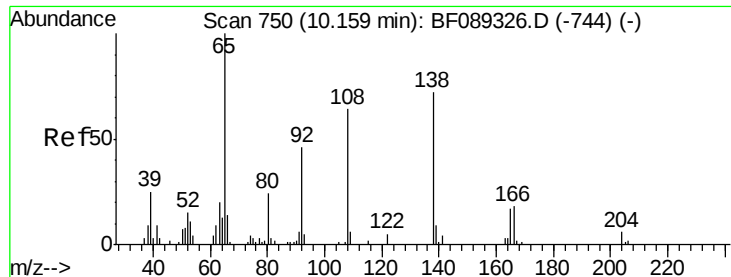
sohil
7/28/2016 4:55:21 PM



#60
4-Chlorophenyl-phenylether
Concen: 48.07 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	59.5	46.6	70.0





#61

4-Nitroaniline

Concen: 45.72 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:138 Resp: 81337

Ion Ratio Lower Upper

138 100

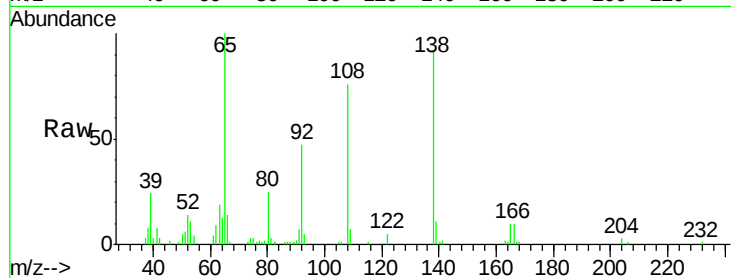
92 51.5 41.2 81.2

108 82.1 69.6 109.6

Manual Integrations

sohil

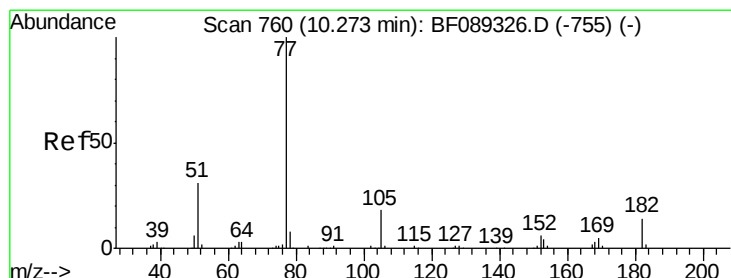
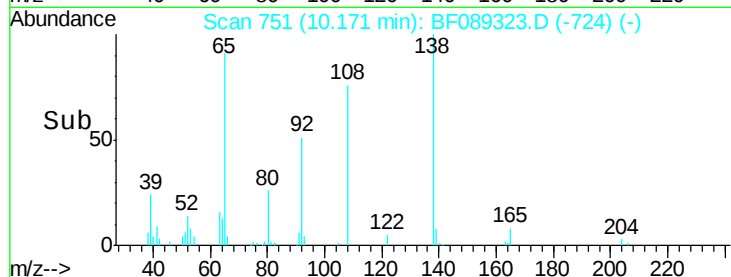
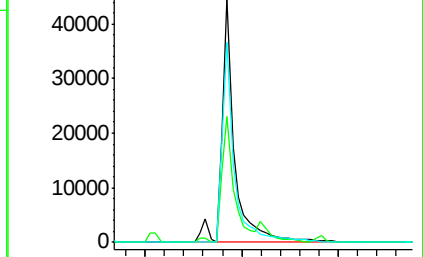
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.38 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Tgt Ion: 77 Resp: 337112

Ion Ratio Lower Upper

77 100

182 31.2 0.0 33.8

105 24.0 0.0 39.8

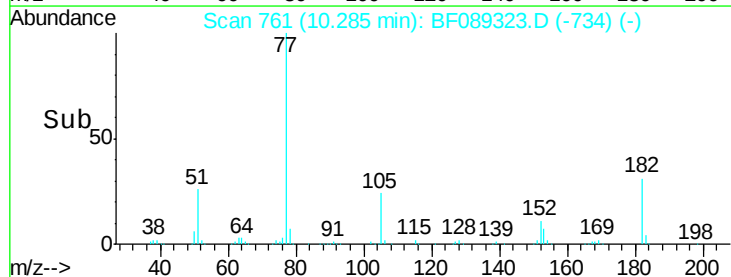
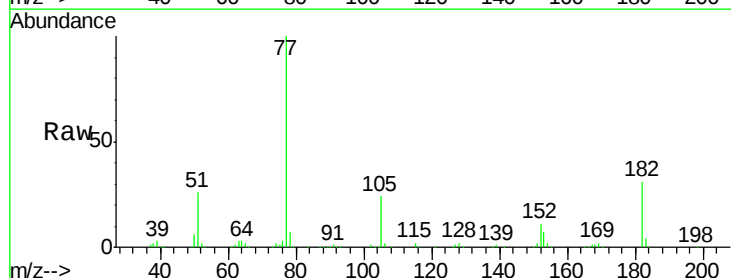
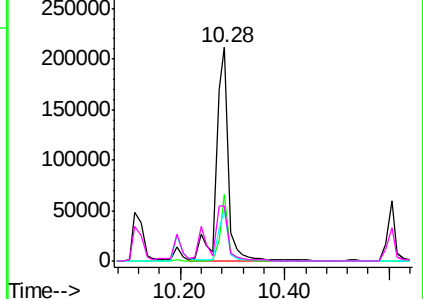
51 25.9 11.0 51.0

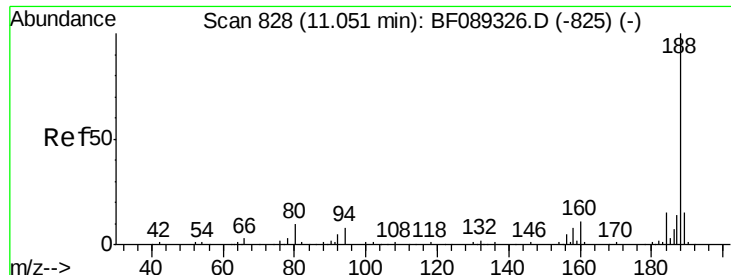
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





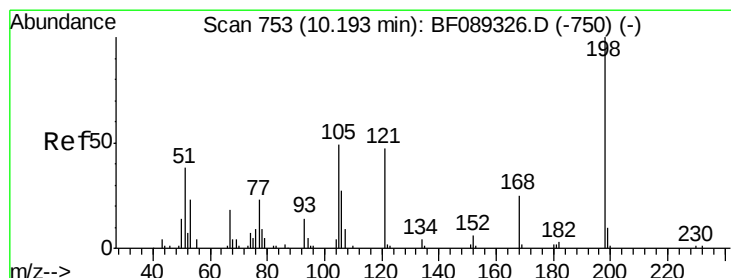
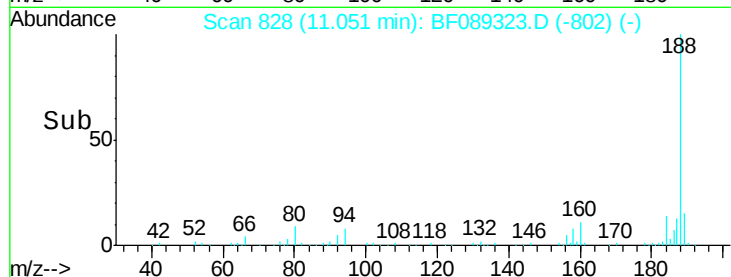
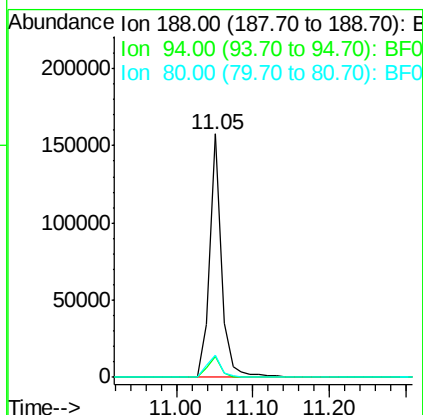
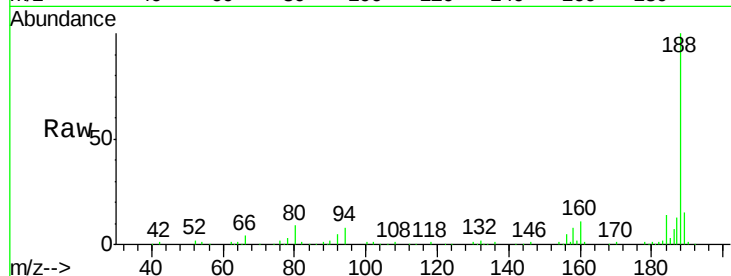
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.5	9.7
80	9.3	7.2	10.8

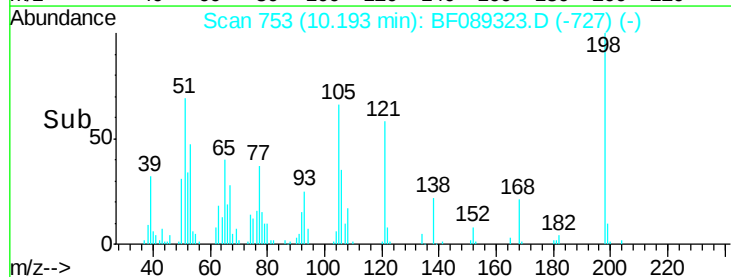
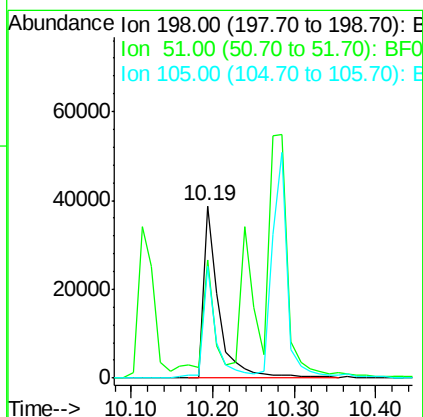
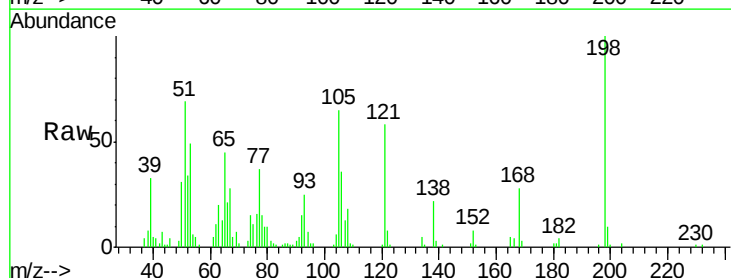
Manual Integrations

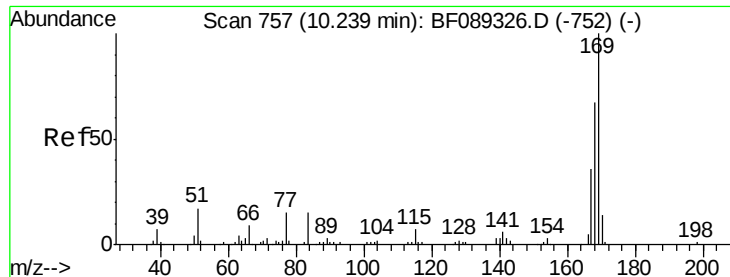
sohil
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 52.75 ng
 RT: 10.19 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion	Ratio	Lower	Upper
198	100		
51	68.8	23.0	63.0#
105	65.0	28.3	68.3





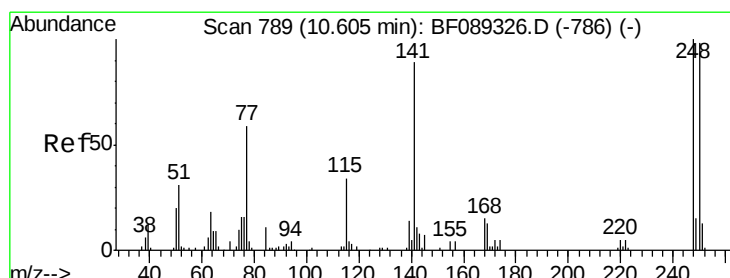
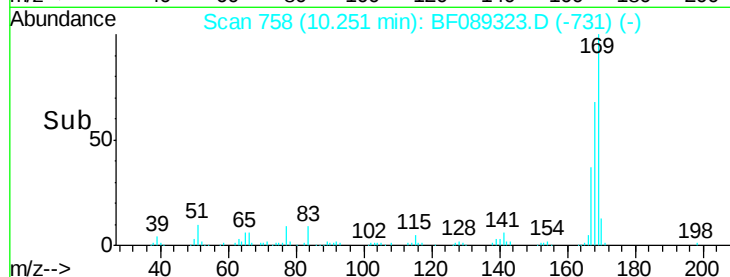
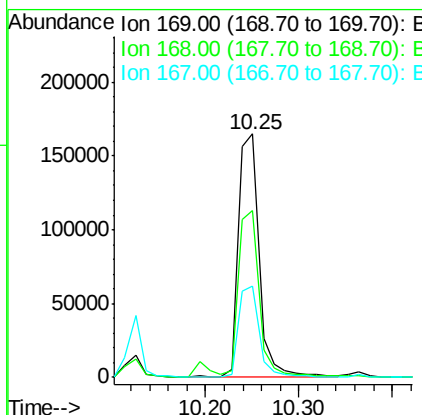
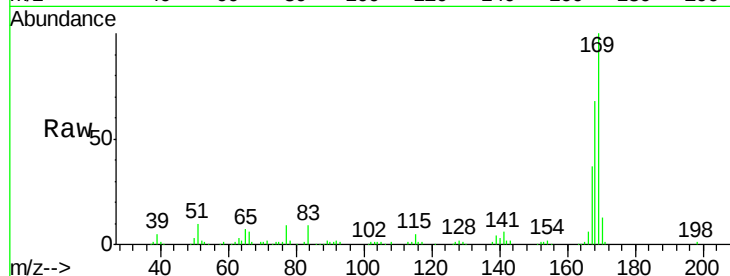
#65
n-Nitrosodiphenylamine
Concen: 45.98 ng
RT: 10.25 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		259649		
168	68.5	55.4		83.0	
167	37.4	29.7		44.5	

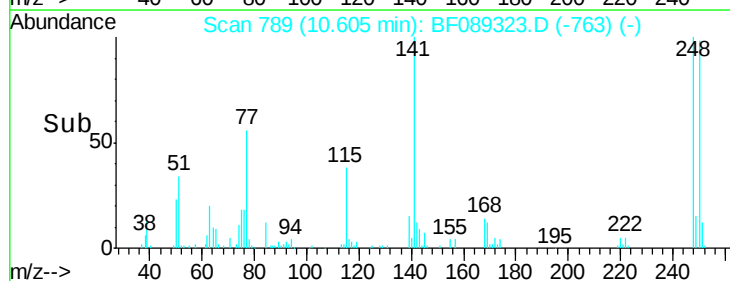
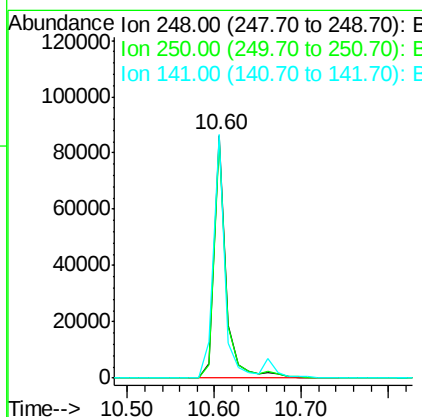
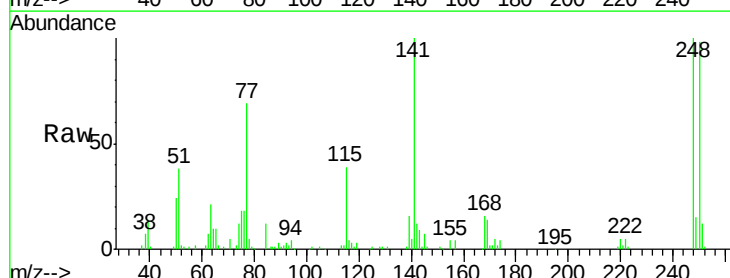
Manual Integrations

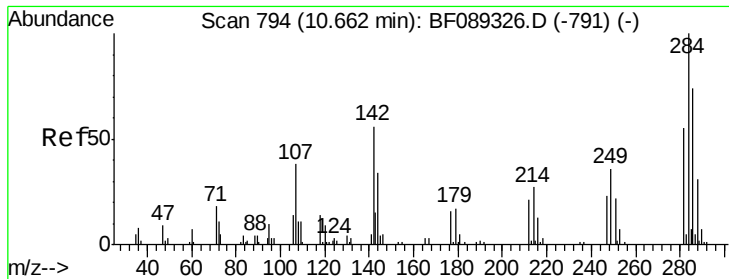
sohil
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#66
4-Bromophenyl-phenylether
Concen: 50.60 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		84849		
250	97.8	78.2		117.2	
141	100.3	62.0		93.0	





#67

Hexachlorobenzene

Concen: 44.05 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

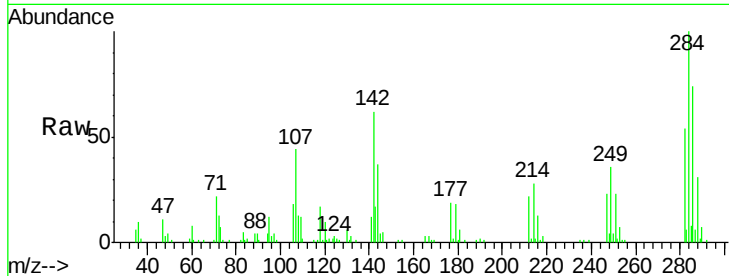
SSTDICC050

Tot Ion:	284	Resp:	78416
Ion Ratio	Lower	Upper	
284	100		
142	62.2	42.2	63.4
249	35.9	29.4	44.0

Manual Integrations

sohil

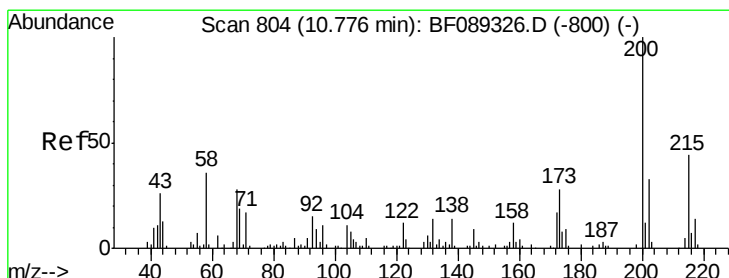
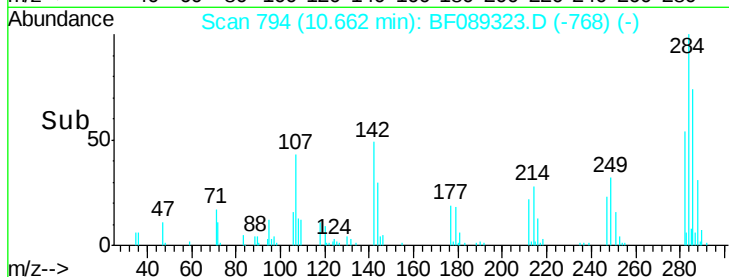
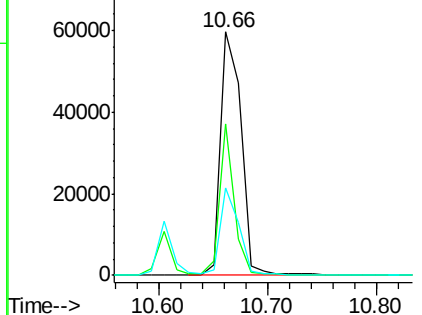
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.49 ng

RT: 10.78 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF089323.D

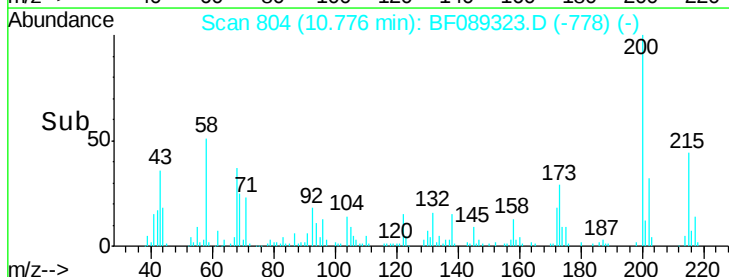
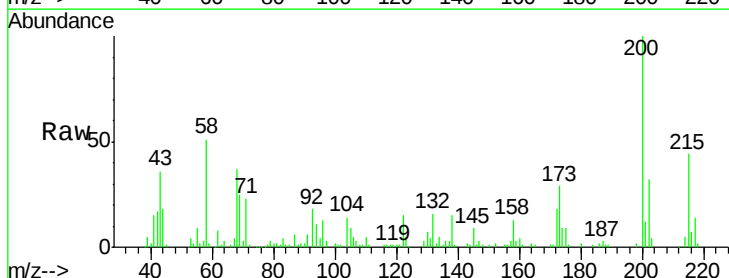
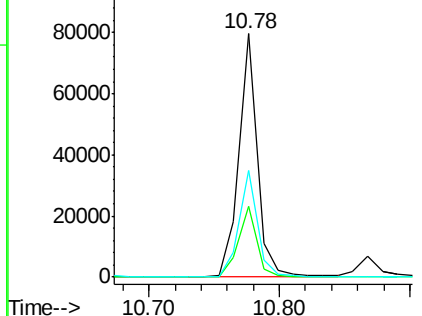
Acq: 27 Jul 2016 11:24

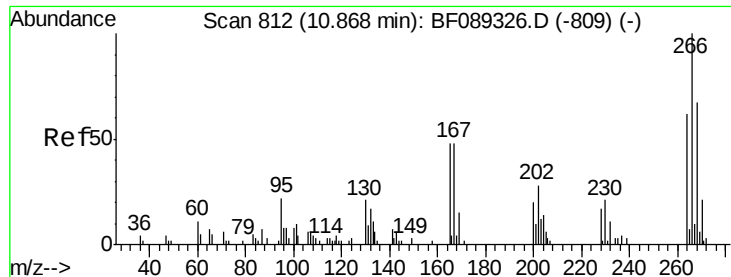
Tgt Ion:	200	Resp:	78272
Ion Ratio	Lower	Upper	
200	100		
173	29.0	6.0	46.0
215	43.8	24.3	64.3

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





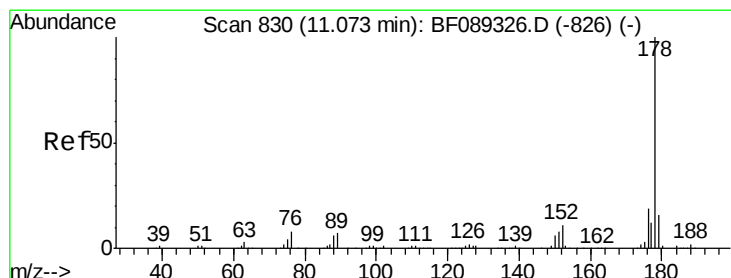
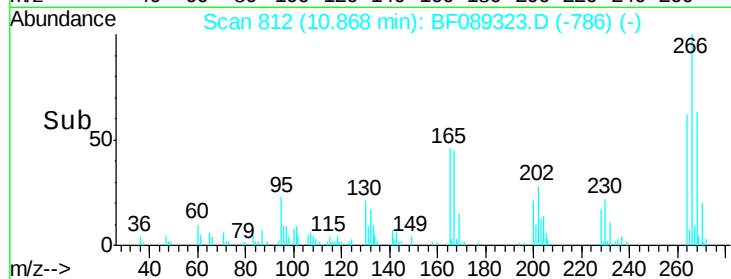
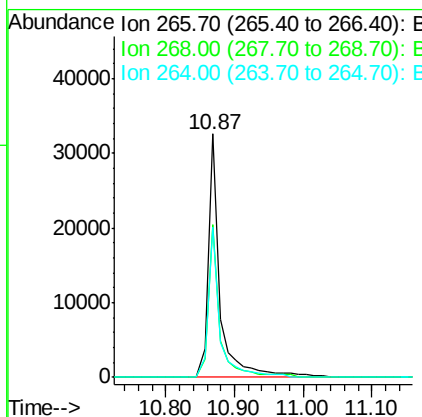
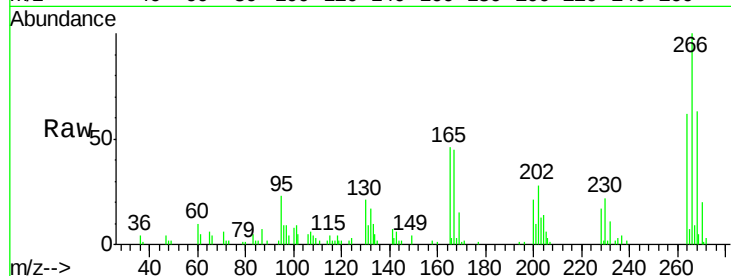
#69
 Pentachlorophenol
 Concen: 48.92 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	49.4	74.2
264	61.8	50.2	75.2

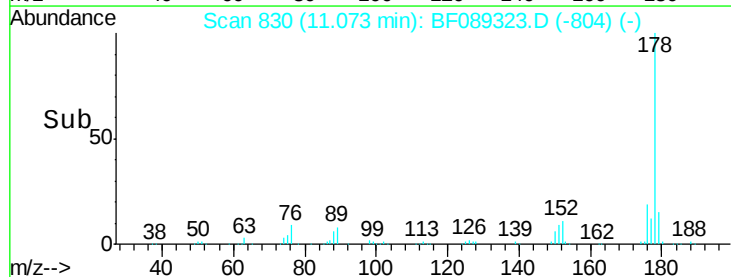
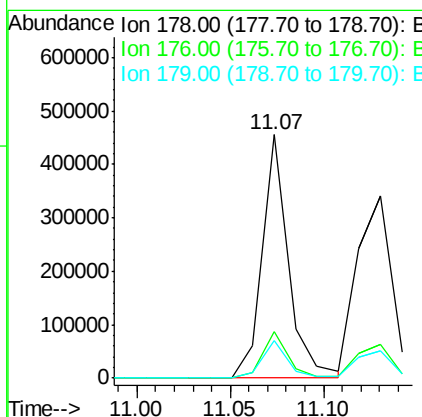
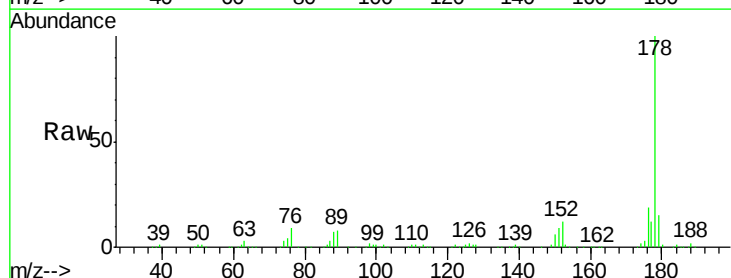
Manual Integrations

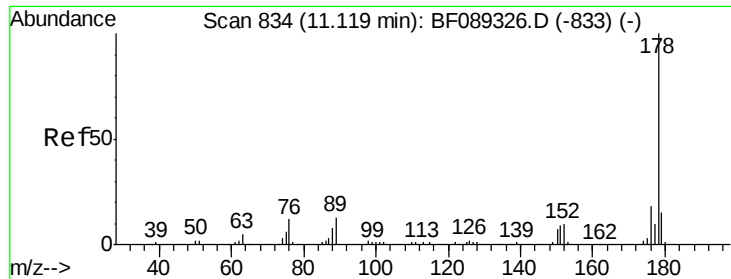
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#70
 Phenanthrene
 Concen: 47.45 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.5	12.3	18.5





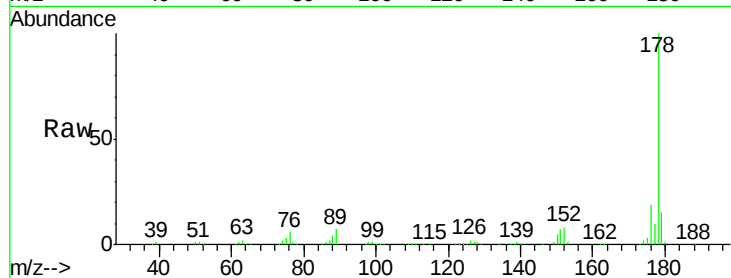
#71
 Anthracene
 Concen: 49.76 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

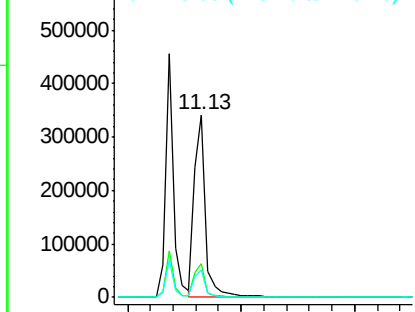
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.2	12.6	18.8

Manual Integrations

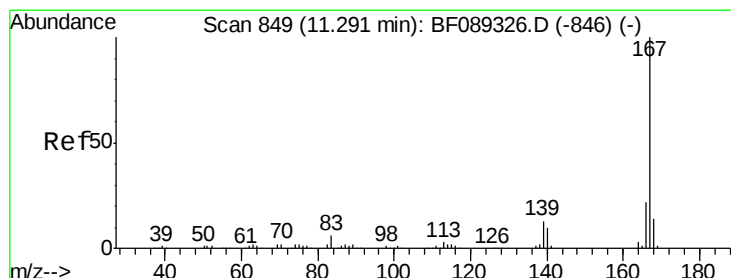
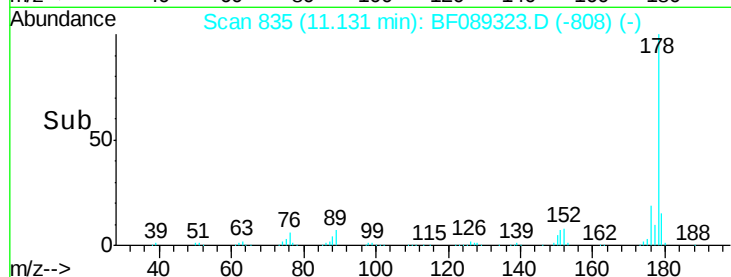
sohil
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Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



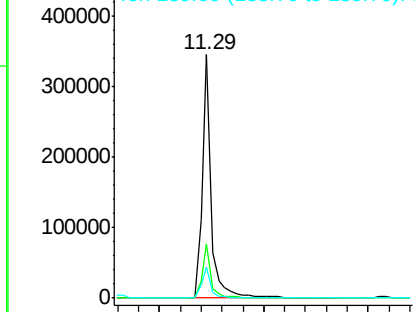
Time--> 11.00 11.20 11.40



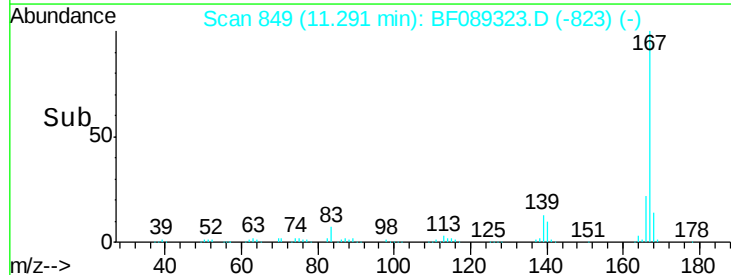
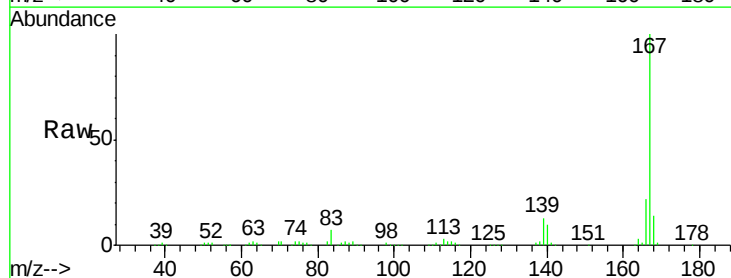
#72
 Carbazole
 Concen: 49.97 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

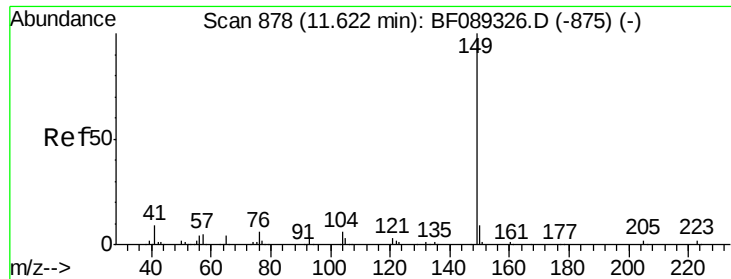
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.9	10.1	15.1

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



Time--> 11.20 11.40 11.60





#73

Di-n-butylphthalate

Concen: 50.08 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 529983

Ion Ratio Lower Upper

149 100

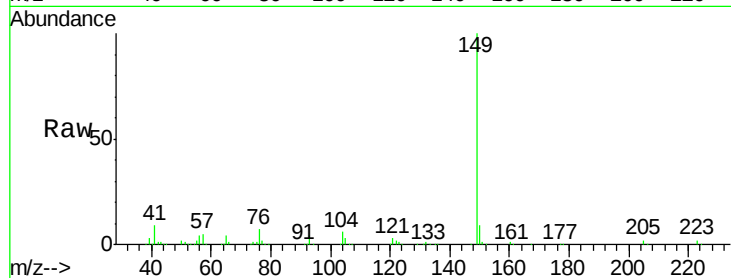
150 9.5 7.4 11.0

104 6.0 4.7 7.1

Manual Integrations

sohil

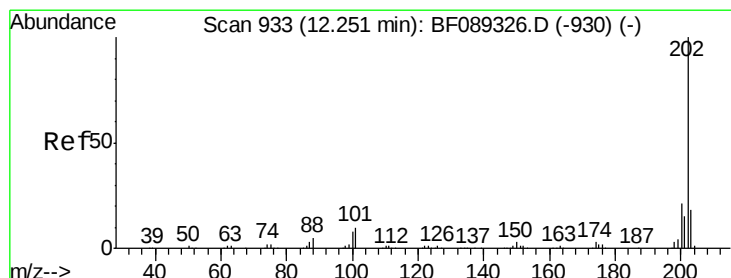
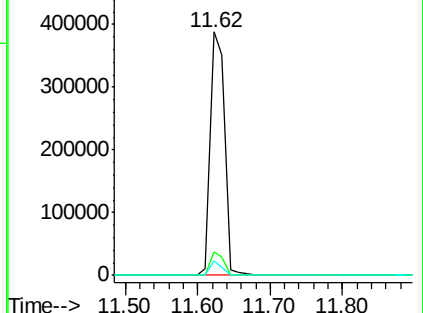
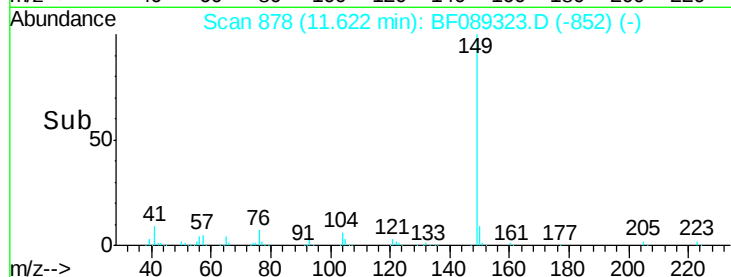
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.89 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

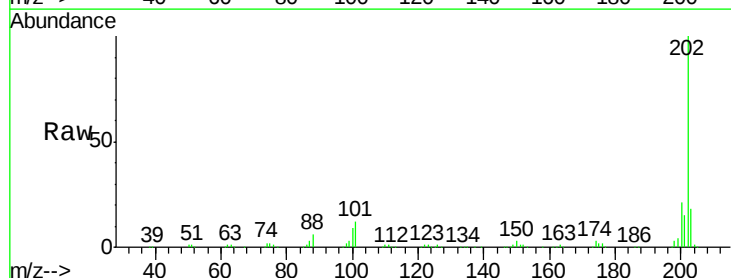
Tgt Ion:202 Resp: 470604

Ion Ratio Lower Upper

202 100

101 11.7 0.0 29.9

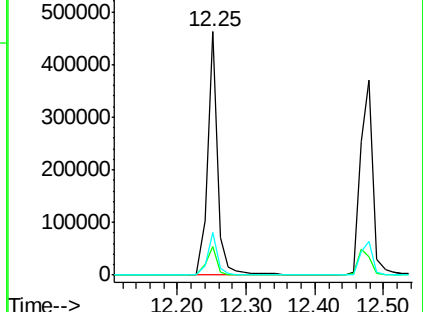
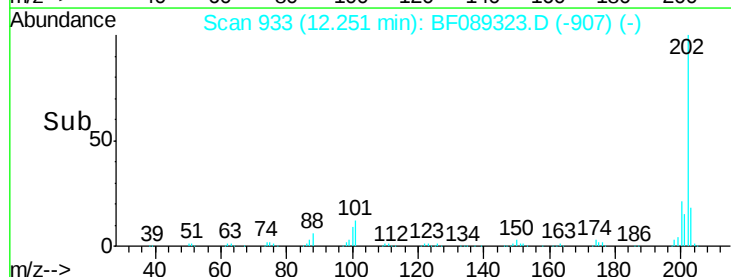
203 17.7 0.0 37.3

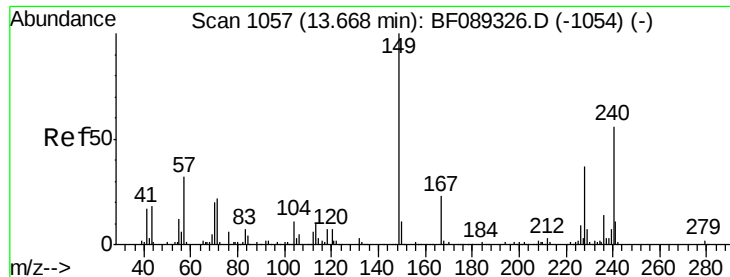


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:240 Resp: 125000

Ion Ratio Lower Upper

240 100

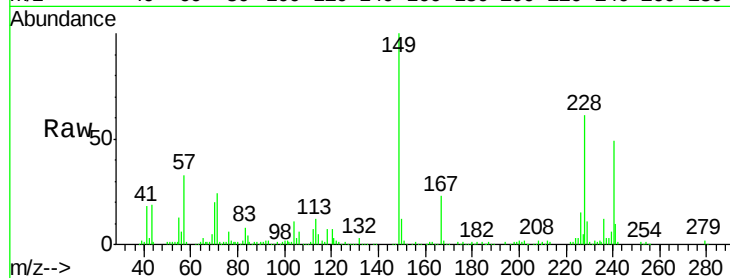
120 14.3 9.1 13.7#

236 24.9 20.6 30.8

Manual Integrations

sohil

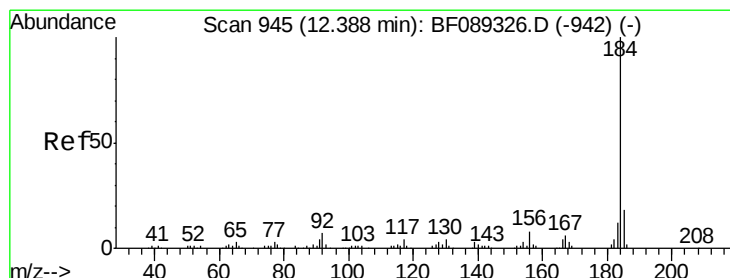
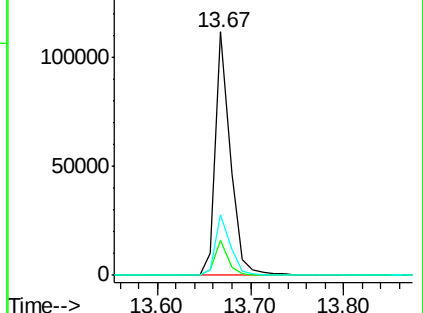
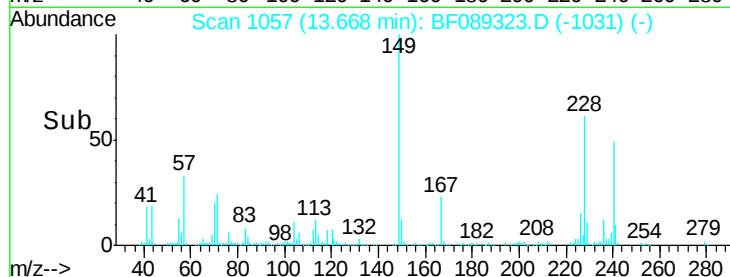
7/28/2016 4:55:21 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 53.20 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

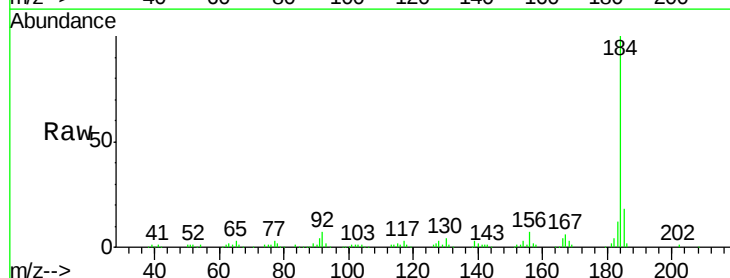
Tgt Ion:184 Resp: 230283

Ion Ratio Lower Upper

184 100

185 17.7 13.5 20.3

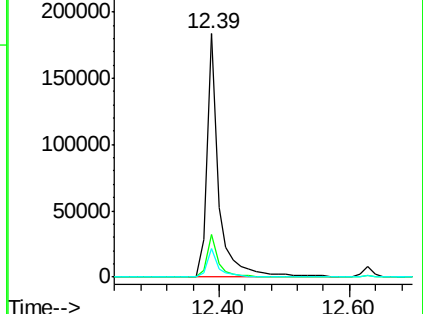
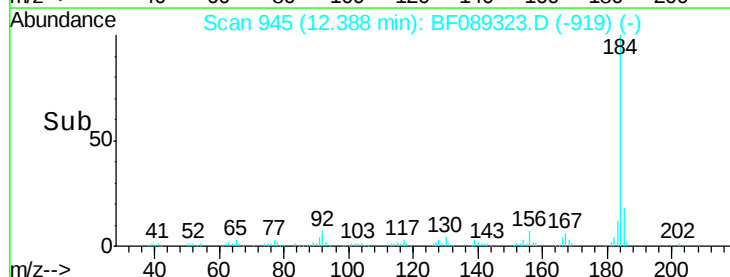
183 11.9 9.8 14.6

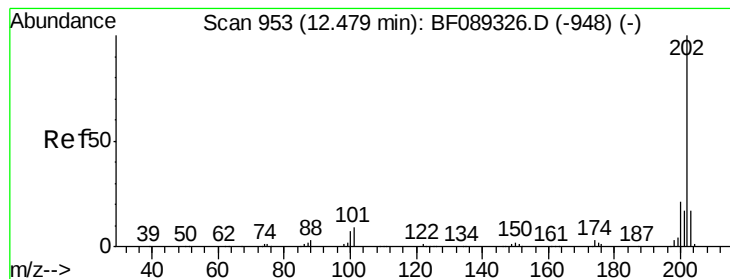


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.57 ng

RT: 12.48 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

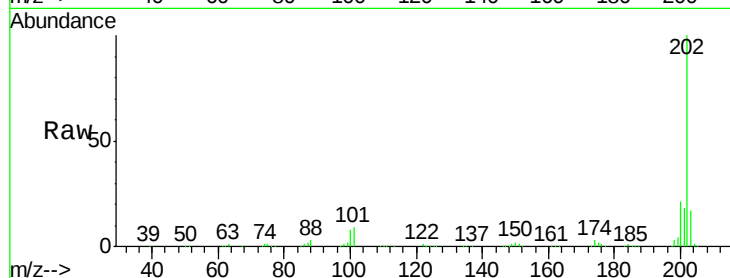
SSTDIC050

Tot Ion:	202	Resp:	470233
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.9	25.3
203	17.2	14.0	21.0

Manual Integrations

sohil

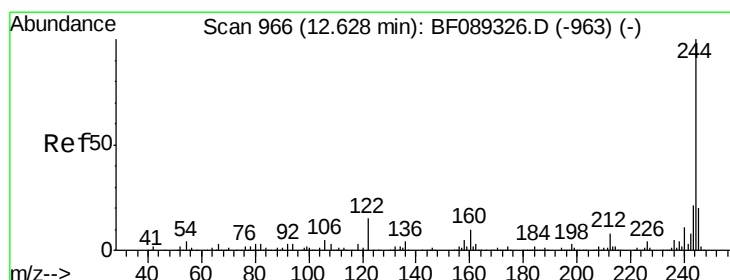
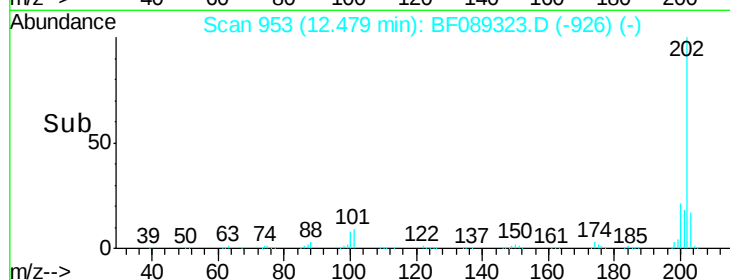
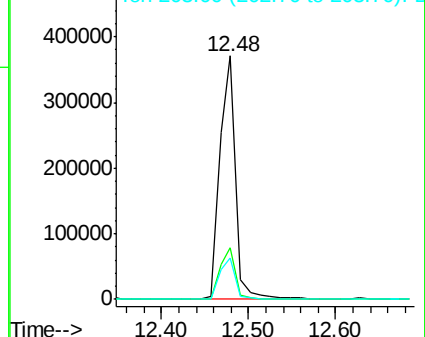
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.06 ng

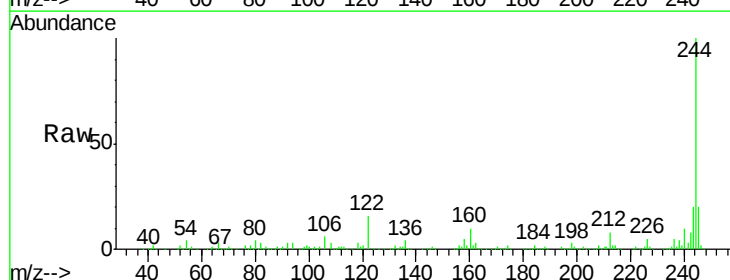
RT: 12.63 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

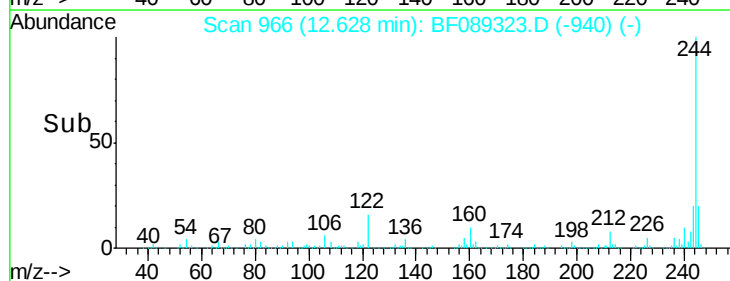
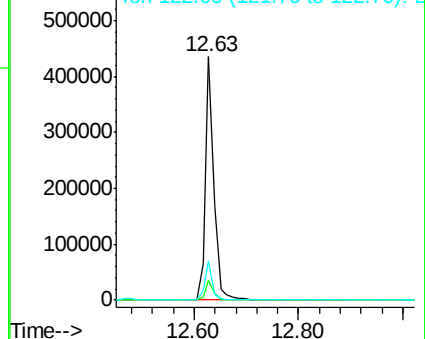
Tgt Ion:	244	Resp:	494425
Ion Ratio	Lower	Upper	
244	100		
212	8.3	6.5	9.7
122	15.8	11.4	17.0

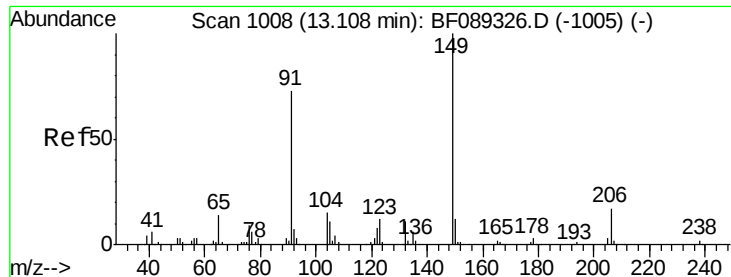


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 51.31 ng

RT: 13.11 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 224456

Ion Ratio Lower Upper

149 100

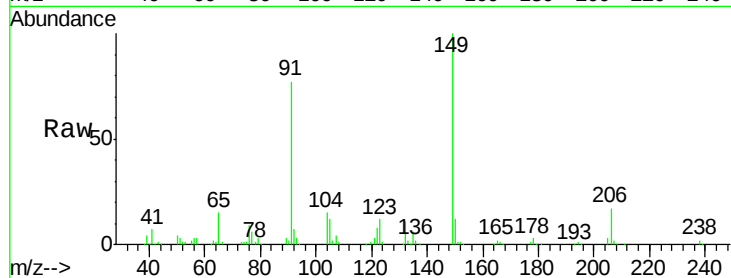
91 77.3 58.5 87.7

206 16.5 13.8 20.8

Manual Integrations

sohil

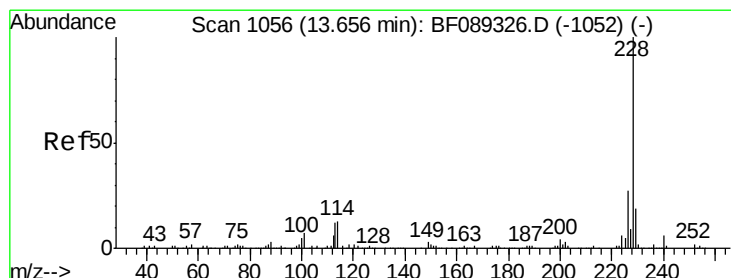
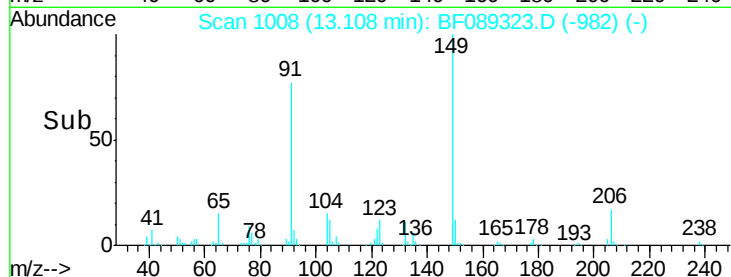
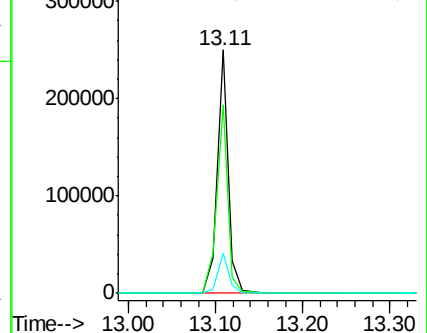
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.49 ng

RT: 13.66 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

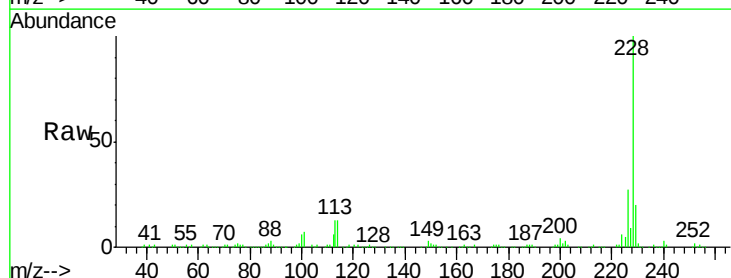
Tgt Ion:228 Resp: 349895

Ion Ratio Lower Upper

228 100

226 26.6 21.4 32.2

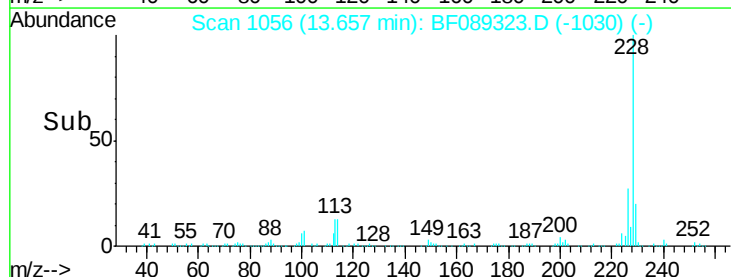
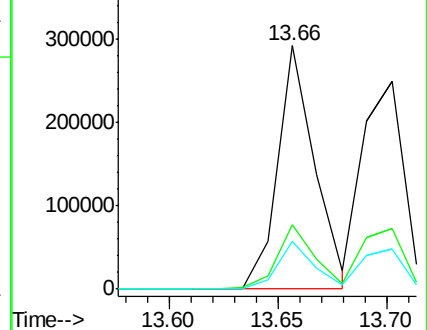
229 19.8 15.9 23.9

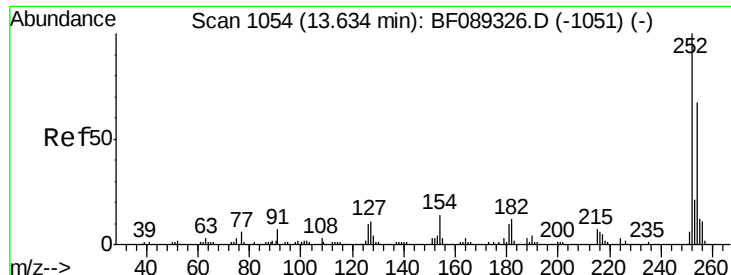


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





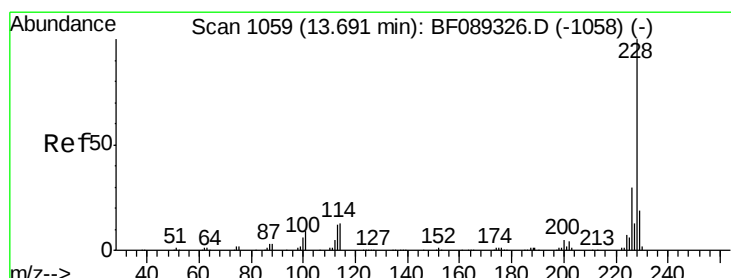
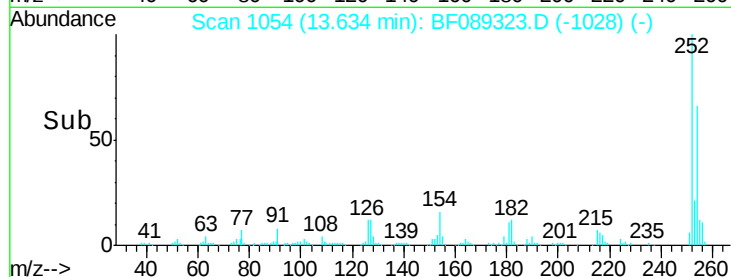
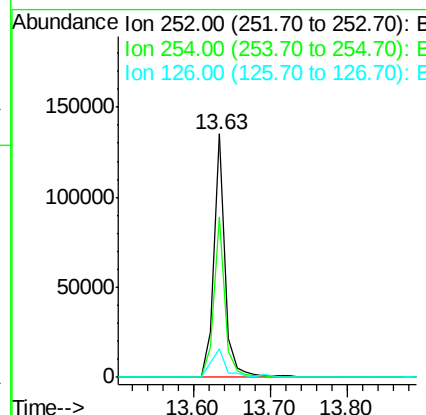
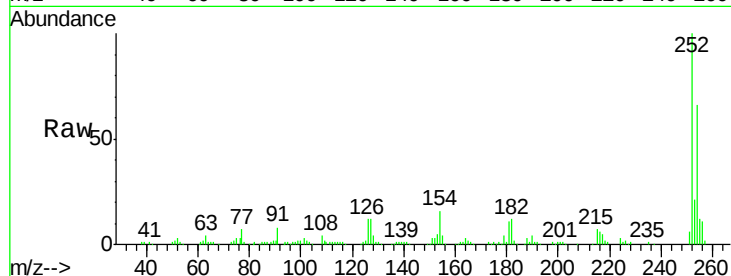
#81
 3,3'-Dichlorobenzidine
 Concen: 52.49 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.5	78.7
126	11.8	7.4	11.2

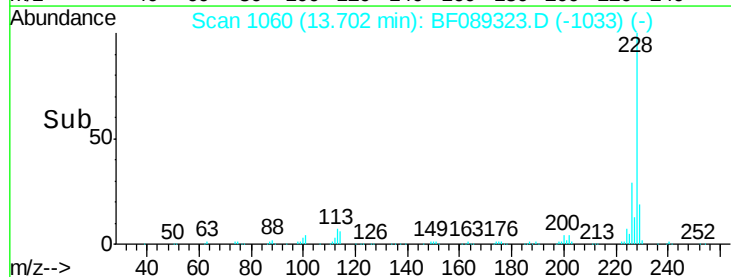
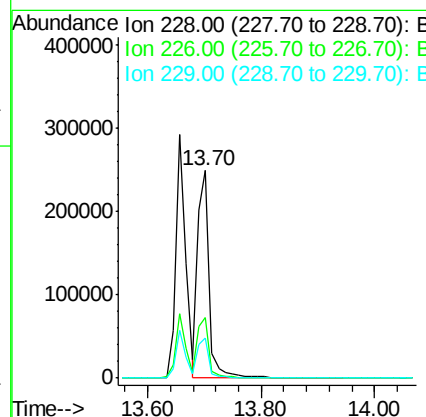
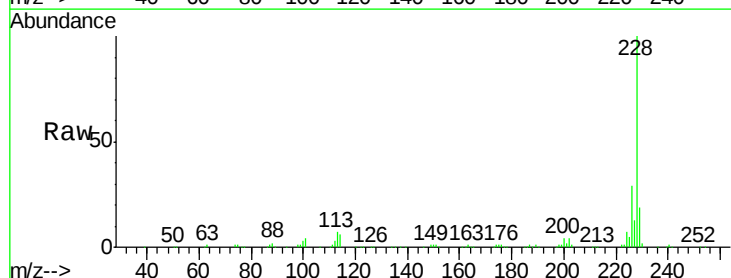
Manual Integrations

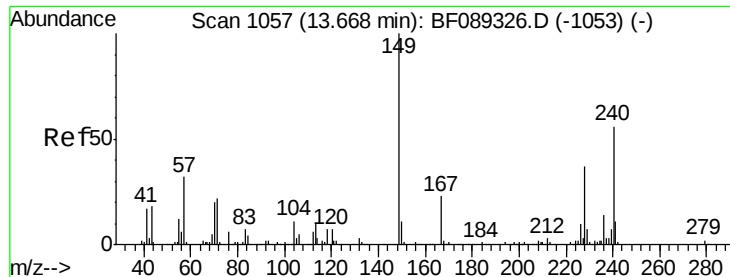
sohil
 7/28/2016 4:55:21 PM



#82
 Chrysene
 Concen: 47.70 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.2	36.2
229	19.2	15.9	23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.67 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 307652

Ion Ratio Lower Upper

149 100

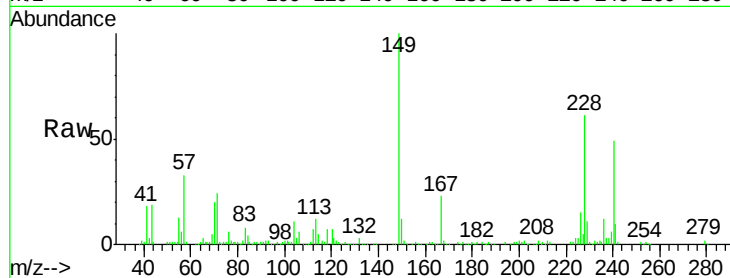
167 23.4 18.8 28.2

279 1.6 1.4 2.0

Manual Integrations

sohil

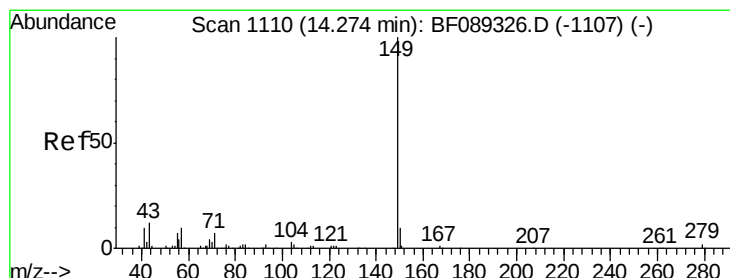
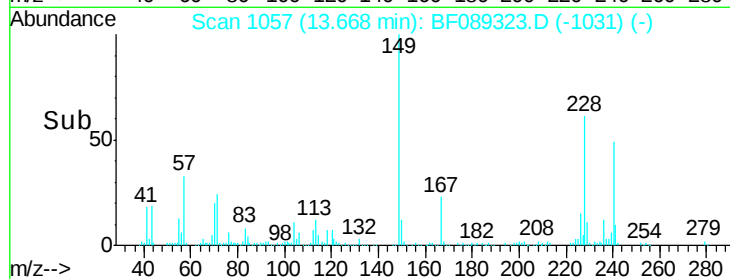
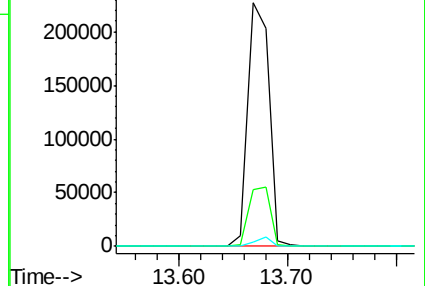
7/28/2016 4:55:21 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.57 ng

RT: 14.29 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

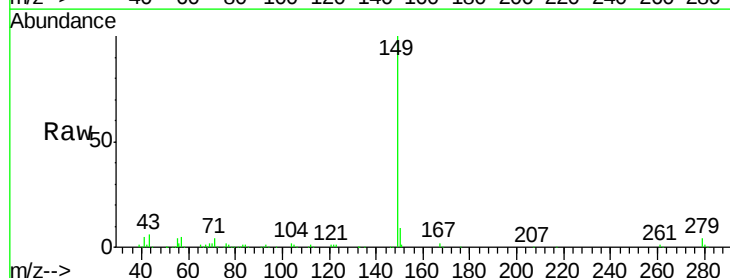
Tgt Ion:149 Resp: 501072

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

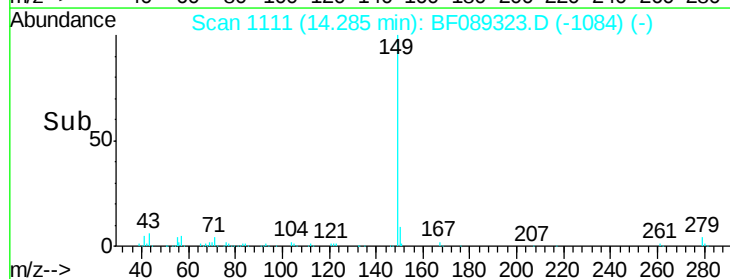
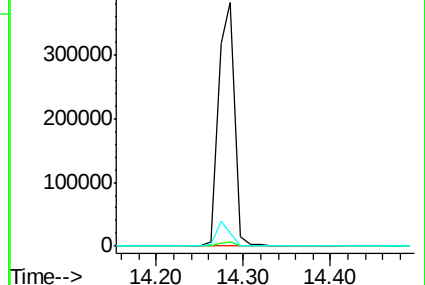
43 8.7 7.3 10.9

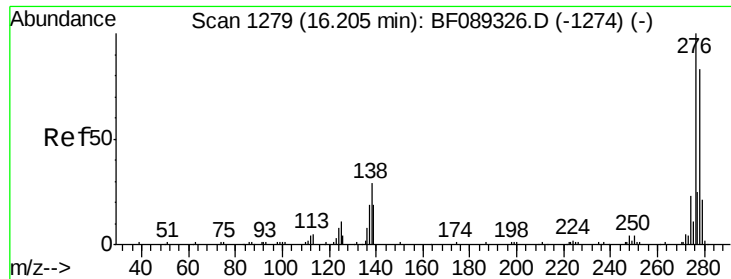


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





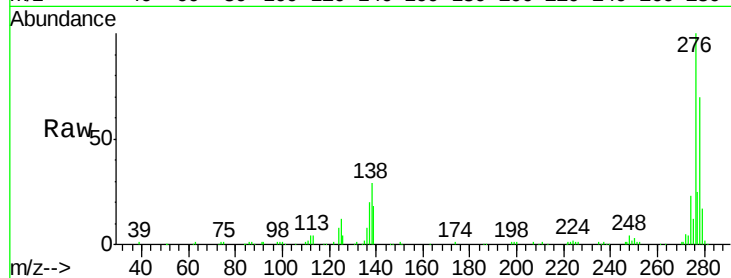
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.09 ng
 RT: 16.21 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

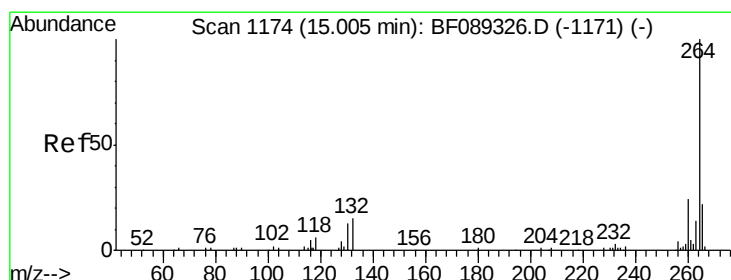
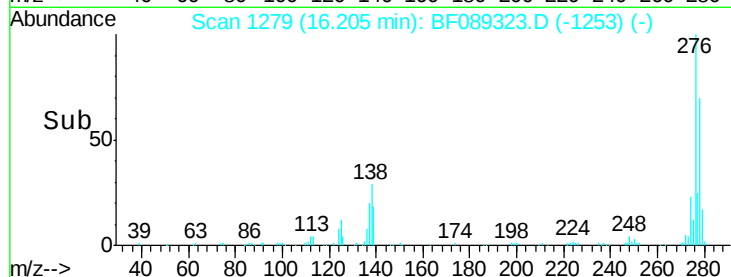
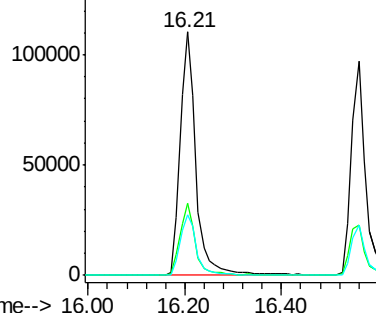
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.8	23.0	34.4
277	25.5	20.2	30.4

Manual Integrations

sohil
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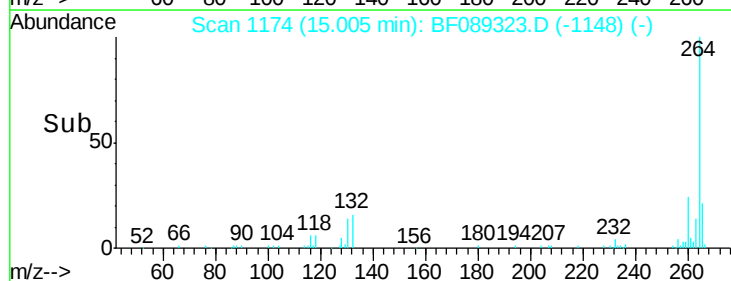
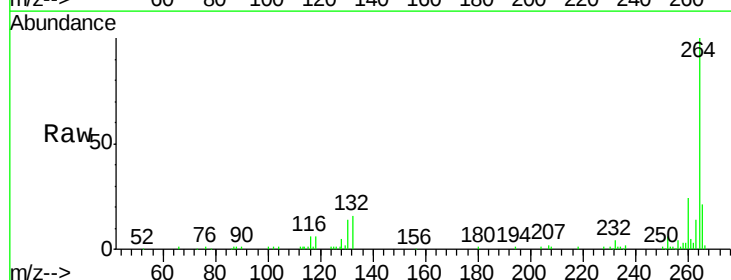
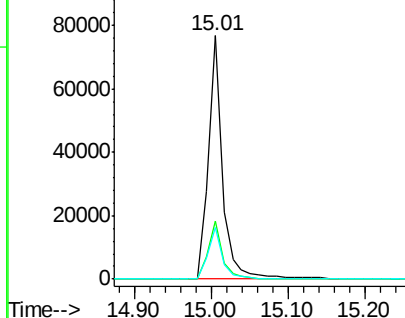
Abundance Ion 276.00 (275.70 to 276.70): E
 150000 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

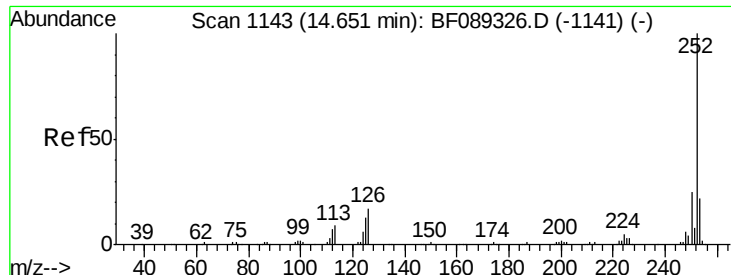


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	21.3	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E
 100000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





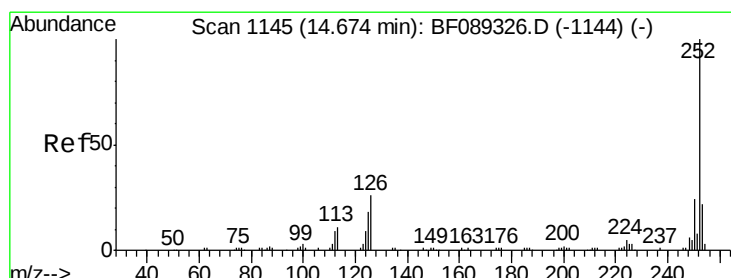
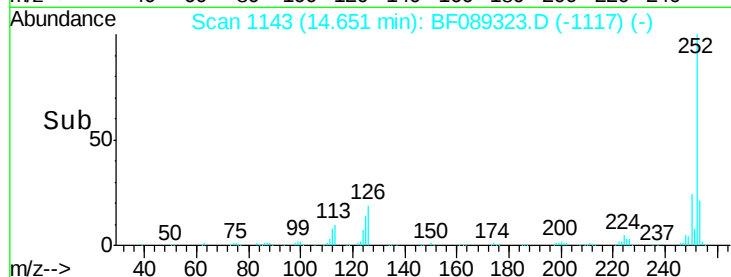
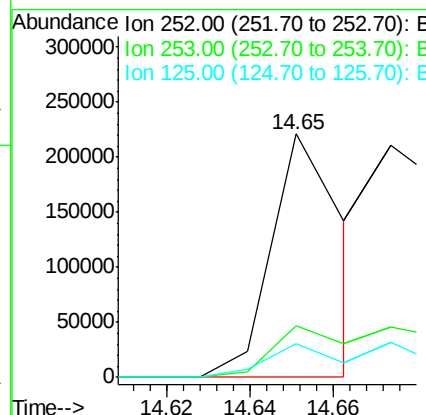
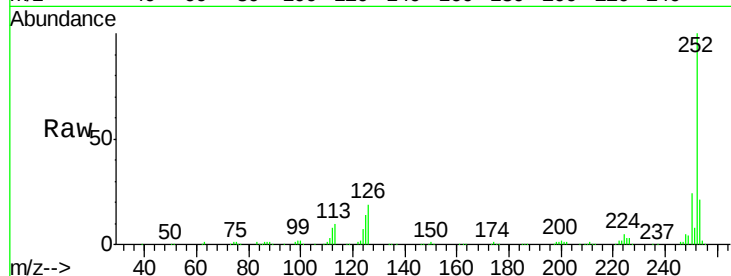
#87
Benzo(b)fluoranthene
Concen: 39.68 ng m
RT: 14.65 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	14.0	9.7	14.5

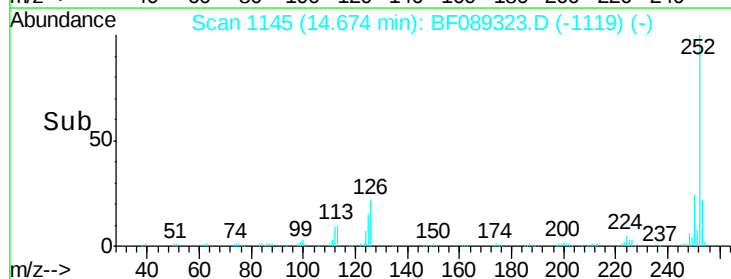
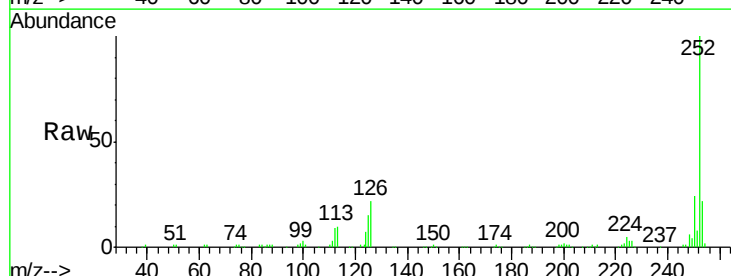
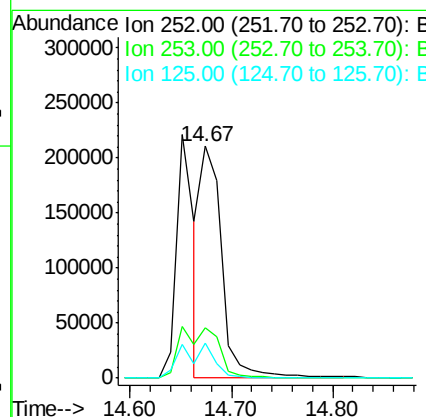
Manual Integrations

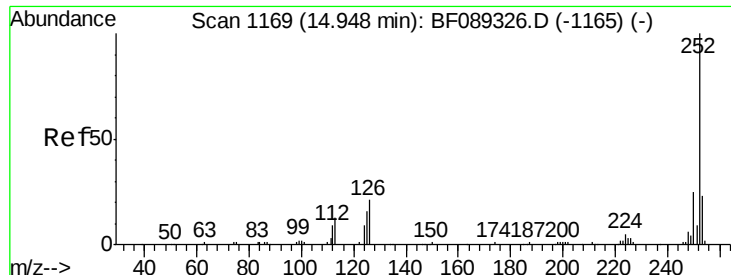
sohil
7/28/2016 4:55:21 PM



#88
Benzo(k)fluoranthene
Concen: 59.03 ng m
RT: 14.67 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	15.3	10.7	16.1





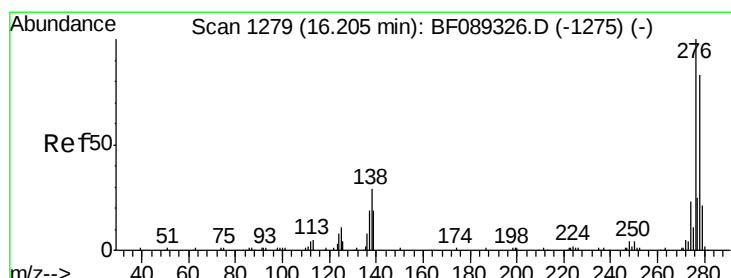
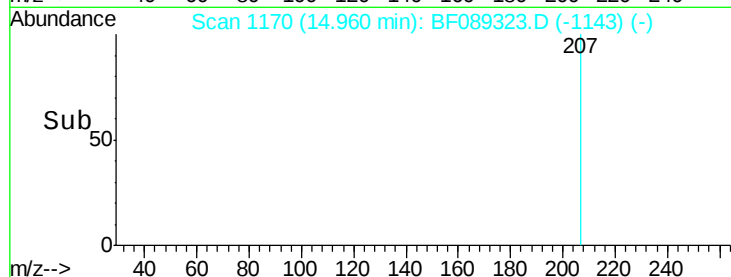
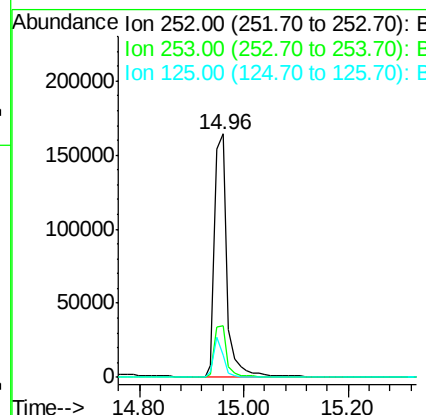
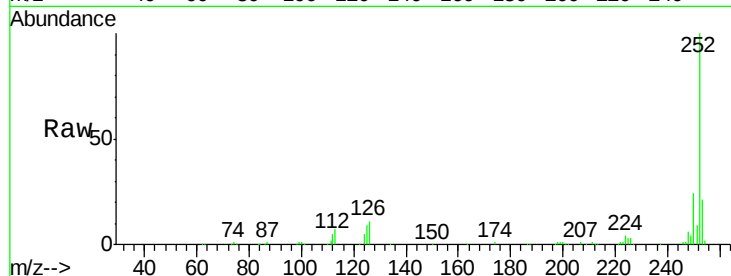
#89
Benzo(a)pyrene
Concen: 49.08 ng
RT: 14.96 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	9.0	12.4	18.6

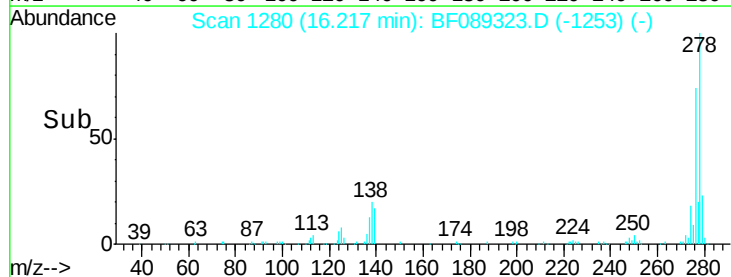
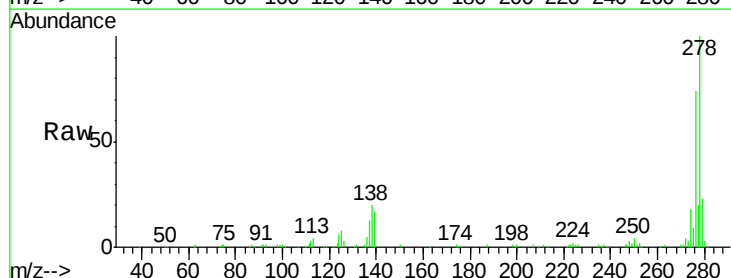
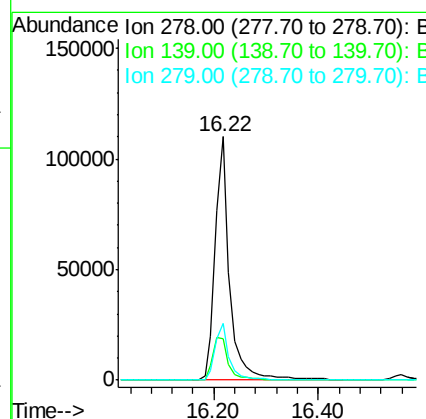
Manual Integrations

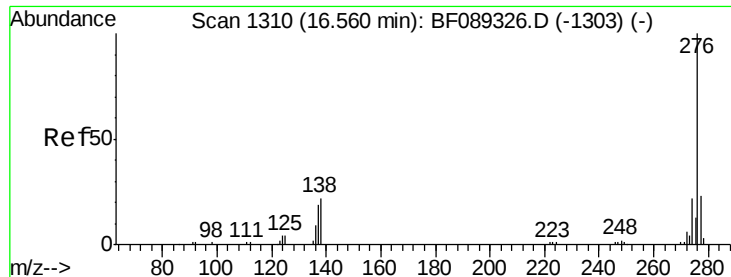
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 49.27 ng
RT: 16.22 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	16.3	24.5
279	23.4	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 48.26 ng
 RT: 16.56 min Scan# 1310
 Delta R.T. 0.01 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.7	18.6	28.0	
138	23.4	21.4	32.0	

Manual Integrations

sohil
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