

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
 Data File : BF089546.D
 Acq On : 2 Aug 2016 14:43
 Operator : UM/SJ
 Sample : H4269-06MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-52-13.0-14.0MS

Quant Time: Aug 03 11:40:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 03 01:32:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	38335	20.00	ng	0.01
21) Naphthalene-d8	7.76	136	162500	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	67004	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	117098	20.00	ng	0.00
75) Chrysene-d12	13.59	240	74848	20.00	ng	-0.01
86) Perylene-d12	14.91	264	76163	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.04	112	349971	145.77	ng	0.01
7) Phenol-d6	6.15	99	454049	143.11	ng	0.01
23) Nitrobenzene-d5	7.05	82	284792	103.45	ng	0.00
41) 2,4,6-Tribromophenol	10.30	330	78805	142.01	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	504023	110.39	ng	0.00
78) Terphenyl-d14	12.55	244	304663	95.27	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.88	88	40580	37.05	ng	# 87
3) Pyridine	2.47	79	108550	46.21	ng	98
4) n-Nitrosodimethylamine	2.44	42	51019	51.99	ng	98
6) Aniline	6.14	93	168024m	49.04	ng	
8) 2-Chlorophenol	6.26	128	146551	53.96	ng	99
9) Benzaldehyde	6.01	77	67404	43.51	ng	90
10) Phenol	6.16	94	197708	56.47	ng	83
11) bis(2-Chloroethyl)ether	6.23	93	149721	50.33	ng	97
12) 1,3-Dichlorobenzene	6.41	146	134829m	47.46	ng	
13) 1,4-Dichlorobenzene	6.49	146	149232	47.60	ng	96
14) 1,2-Dichlorobenzene	6.64	146	135530m	46.15	ng	
15) Benzyl Alcohol	6.64	79	123817	62.88	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.78	45	159408	49.13	ng	86
17) 2-Methylphenol	6.76	107	111437	53.09	ng	97
18) Hexachloroethane	6.98	117	53513	44.52	ng	# 87
19) n-Nitroso-di-n-propylamine	6.91	70	112748	58.93	ng	93
20) 3+4-Methylphenols	6.92	107	144015	53.43	ng	# 84
22) Acetophenone	6.90	105	185725	48.01	ng	98
24) Nitrobenzene	7.07	77	149013	47.56	ng	100
25) Isophorone	7.31	82	277658	50.07	ng	98
26) 2-Nitrophenol	7.38	139	68816	49.12	ng	# 72
27) 2,4-Dimethylphenol	7.45	122	121021	54.23	ng	95
28) bis(2-Chloroethoxy)methane	7.53	93	164789	53.68	ng	99
29) 2,4-Dichlorophenol	7.63	162	113979	56.05	ng	92
30) 1,2,4-Trichlorobenzene	7.71	180	114542	49.37	ng	99
31) Naphthalene	7.78	128	406862	50.56	ng	100
32) Benzoic acid	7.58	122	16812	10.81	ng	96
33) 4-Chloroaniline	7.85	127	123670	40.37	ng	99
34) Hexachlorobutadiene	7.91	225	62646	47.14	ng	99
35) Caprolactam	8.23	113	33470	54.53	ng	95
36) 4-Chloro-3-methylphenol	8.35	107	130257	53.89	ng	96
37) 2-Methylnaphthalene	8.47	142	238965	49.28	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.64	216	97188	41.45	ng	99
40) Hexachlorocyclopentadiene	8.63	237	42963	66.03	ng	99

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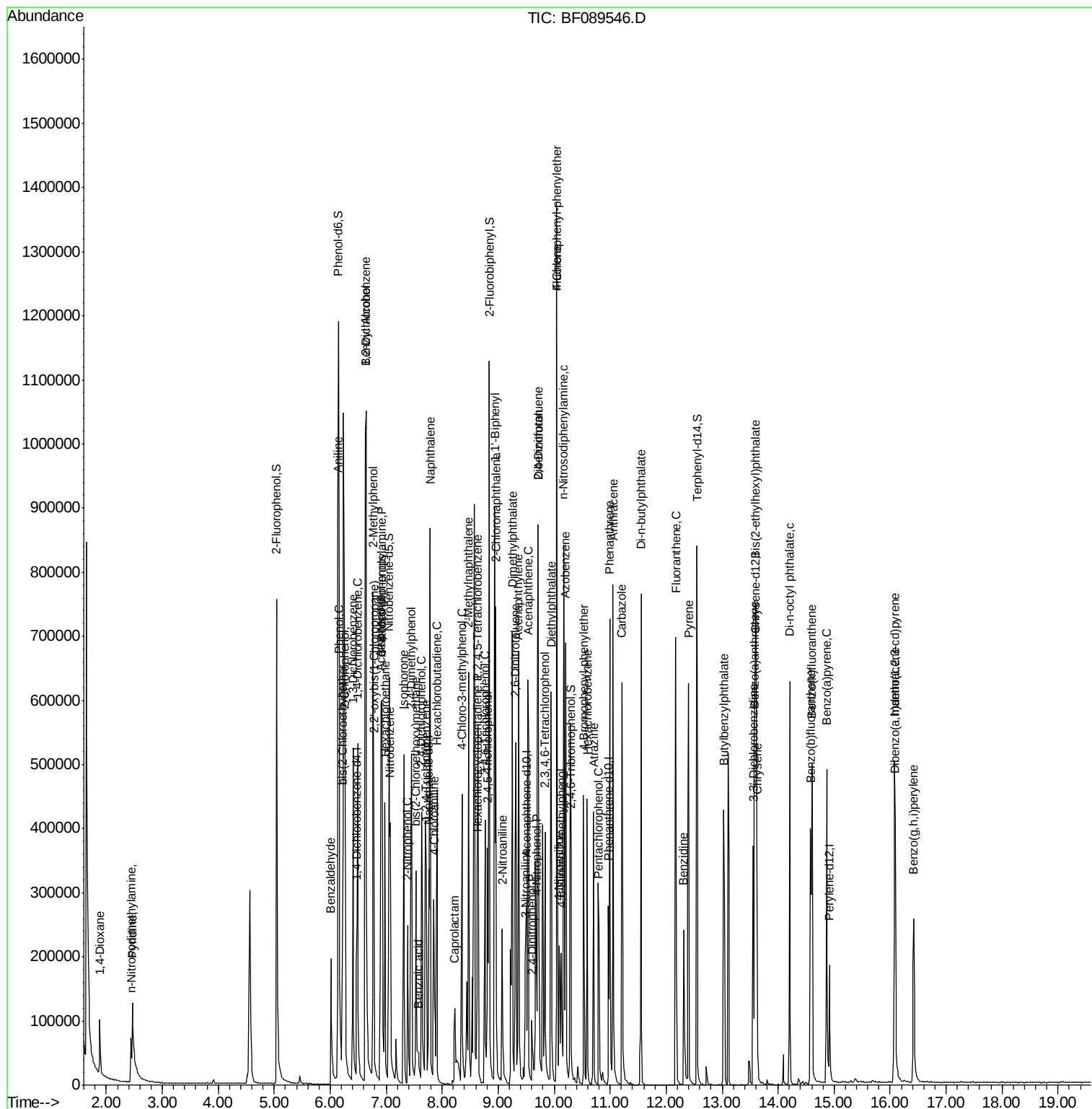
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42) 2,4,6-Trichlorophenol	8.76	196	66911	60.02	nq	98
43) 2,4,5-Trichlorophenol	8.81	196	73860	52.31	nq	98
45) 1,1'-Biphenyl	8.94	154	280733	49.21	nq	98
46) 2-Chloronaphthalene	8.96	162	245726	57.35	nq	95
47) 2-Nitroaniline	9.07	65	75198	59.27	nq	95
48) Acenaphthylene	9.36	152	352739	52.27	nq	99
49) Dimethylphthalate	9.26	163	385531	75.60	nq	100
50) 2,6-Dinitrotoluene	9.31	165	60909	58.13	nq	91
51) Acenaphthene	9.53	154	206890	52.50	nq	99
52) 3-Nitroaniline	9.48	138	51225	46.33	nq	98
53) 2,4-Dinitrophenol	9.60	184	21565	54.21	nq	96
54) Dibenzofuran	9.71	168	310958	57.91	nq	95
55) 4-Nitrophenol	9.68	139	47865m	88.20	nq	
56) 2,4-Dinitrotoluene	9.71	165	73142	53.03	nq	90
57) Fluorene	10.04	166	229221	48.90	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.84	232	60148	63.80	nq	98
59) Diethylphthalate	9.94	149	259023	50.10	nq	100
60) 4-Chlorophenyl-phenylether	10.04	204	107780	50.12	nq	# 79
61) 4-Nitroaniline	10.09	138	52943	46.45	nq	99
62) Azobenzene	10.20	77	302237	56.77	nq	94
64) 4,6-Dinitro-2-methylphenol	10.12	198	27782	40.10	nq	78
65) n-Nitrosodiphenylamine	10.17	169	217666	59.57	nq	99
66) 4-Bromophenyl-phenylether	10.52	248	58420	52.25	nq	# 67
67) Hexachlorobenzene	10.59	284	61262	53.47	nq	# 80
68) Atrazine	10.71	200	67755	60.36	nq	99
69) Pentachlorophenol	10.80	266	53316	94.83	nq	98
70) Phenanthrene	10.99	178	307792	50.97	nq	99
71) Anthracene	11.05	178	349441	52.04	nq	100
72) Carbazole	11.21	167	299409	52.97	nq	98
73) Di-n-butylphthalate	11.55	149	374150	49.34	nq	99
74) Fluoranthene	12.17	202	288350	45.39	nq	95
76) Benzidine	12.31	184	165655	59.90	nq	96
77) Pyrene	12.40	202	304028	53.60	nq	99
79) Butylbenzylphthalate	13.03	149	134118	52.00	nq	# 84
80) Benzo(a)anthracene	13.58	228	224950	53.26	nq	100
81) 3,3'-Dichlorobenzidine	13.55	252	79130	52.06	nq	# 98
82) Chrysene	13.62	228	225758	50.21	nq	99
83) Bis(2-ethylhexyl)phthalate	13.60	149	176490	47.34	nq	# 98
84) Di-n-octyl phthalate	14.21	149	293665	50.48	nq	99
85) Indeno(1,2,3-cd)pyrene	16.08	276	230576	72.13	nq	98
87) Benzo(b)fluoranthene	14.58	252	262826m	55.57	nq	
88) Benzo(k)fluoranthene	14.61	252	178632m	41.08	nq	
89) Benzo(a)pyrene	14.87	252	214579	50.57	nq	98
90) Dibenzo(a,h)anthracene	16.09	278	193404	57.86	nq	96
91) Benzo(g,h,i)perylene	16.42	276	189053	57.54	nq	98

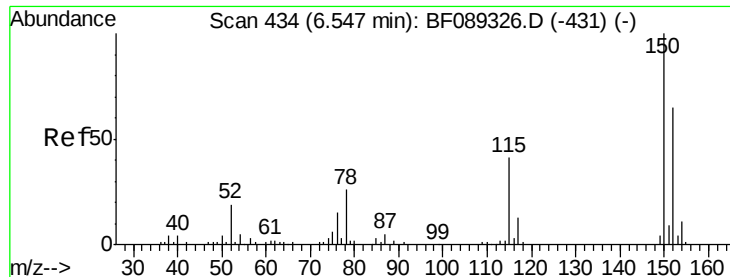
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.01 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0MS

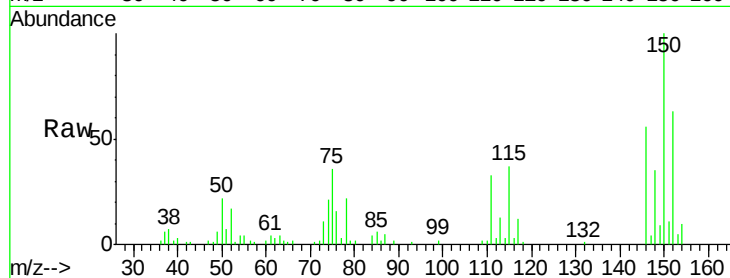
Tot Ion:152 Resp: 38335

Ion Ratio Lower Upper

152 100

150 159.8 129.5 194.3

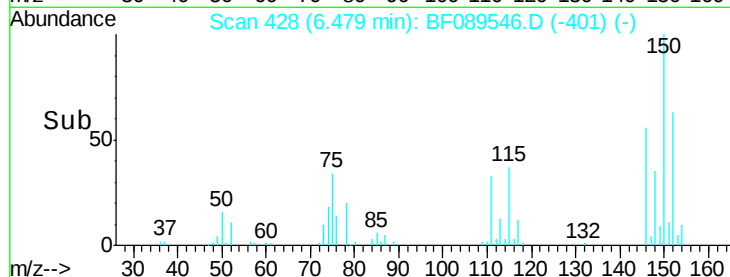
115 58.6 51.4 77.2



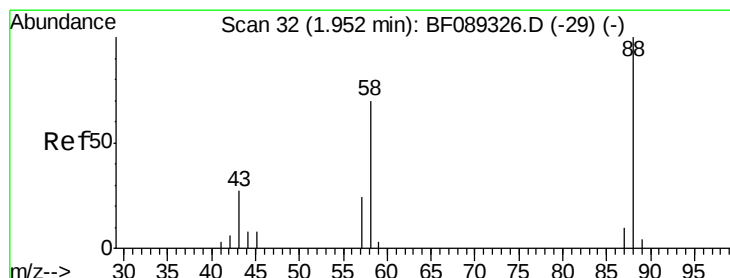
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 37.05 ng

RT: 1.88 min Scan# 26

Delta R.T. 0.05 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

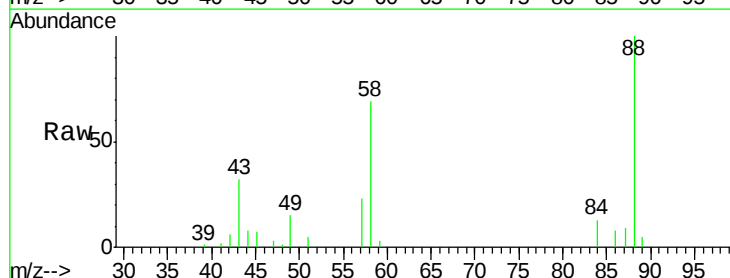
Tgt Ion: 88 Resp: 40580

Ion Ratio Lower Upper

88 100

58 71.6 53.2 79.8

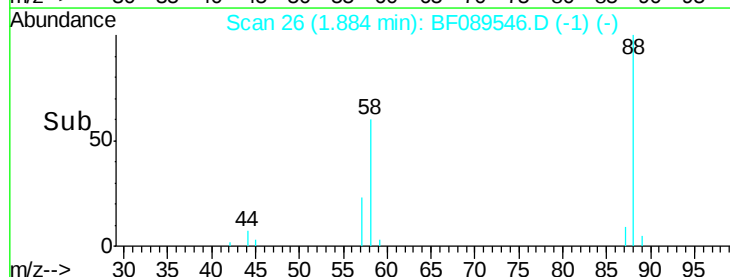
43 40.8 20.6 31.0#



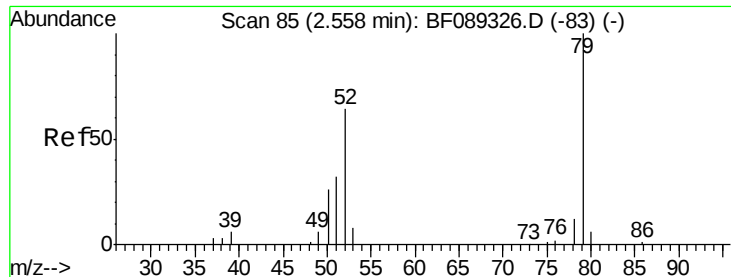
Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



Time-->



#3

Pvridine

Concen: 46.21 ng

RT: 2.47 min Scan# 77

Delta R.T. 0.03 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

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ClientSampleId :

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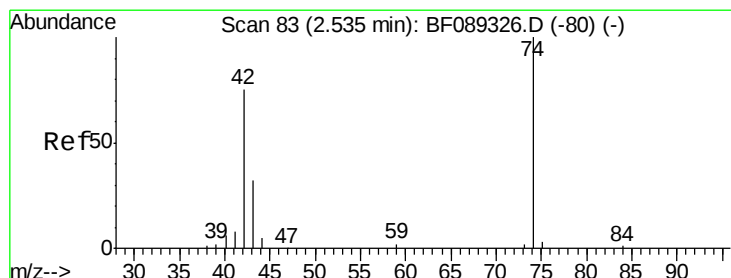
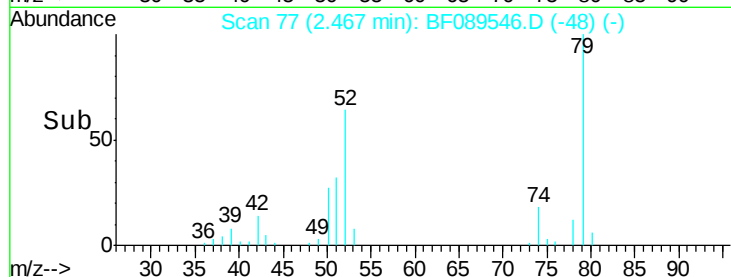
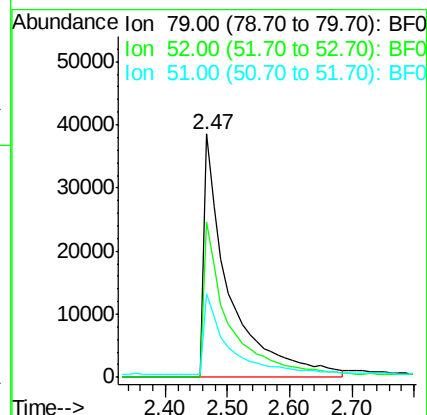
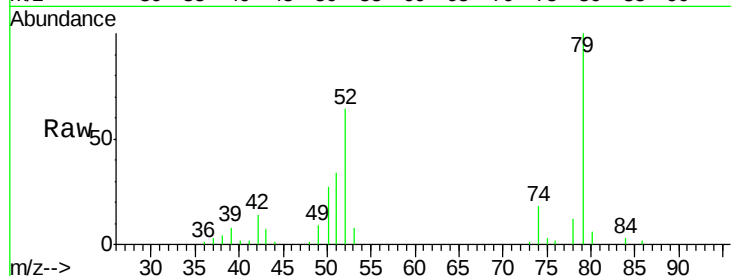
Tot Ion: 79 Resp: 108550

Ion Ratio Lower Upper

79 100

52 63.6 51.9 77.9

51 34.3 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 51.99 ng

RT: 2.44 min Scan# 75

Delta R.T. 0.05 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

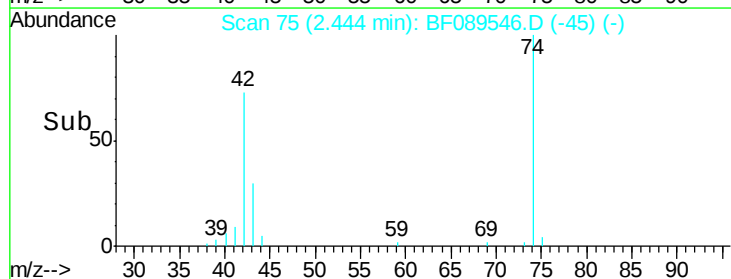
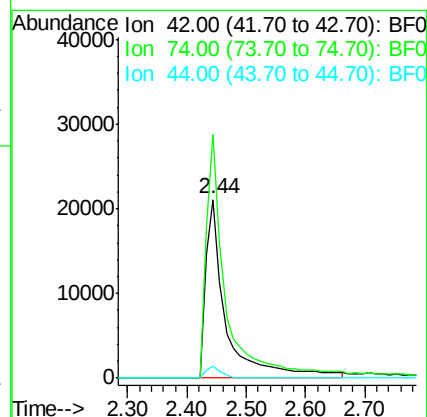
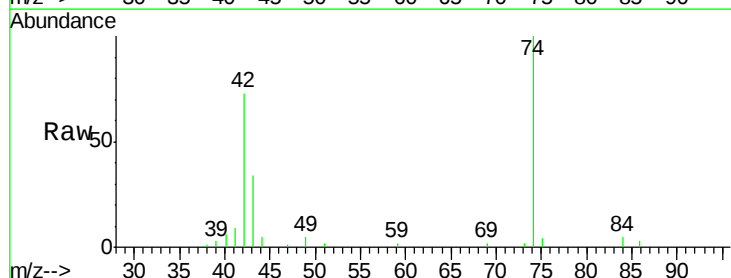
Tgt Ion: 42 Resp: 51019

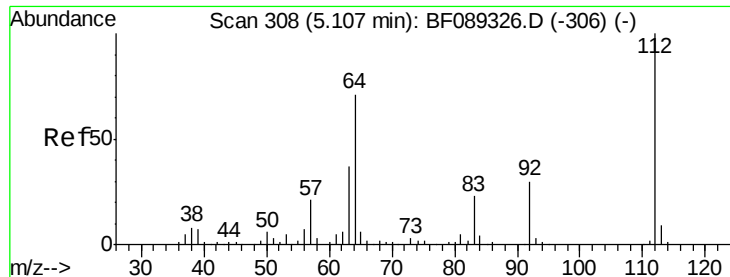
Ion Ratio Lower Upper

42 100

74 136.4 110.8 166.2

44 6.9 5.2 7.8





#5

2-Fluorophenol

Concen: 145.77 ng

RT: 5.04 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Instrument :

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ClientSampleId :

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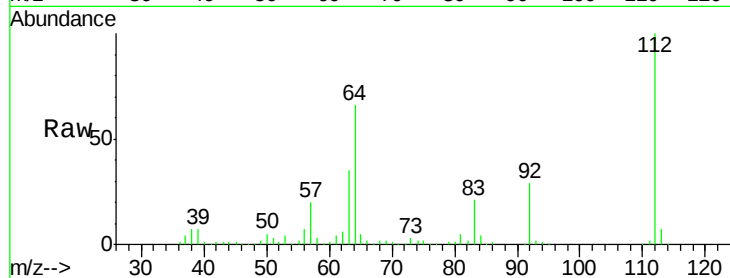
Tot Ion: 112 Resp: 349971

Ion Ratio Lower Upper

112 100

64 66.1 55.0 82.6

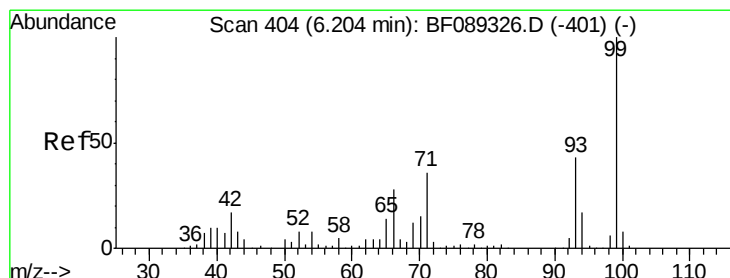
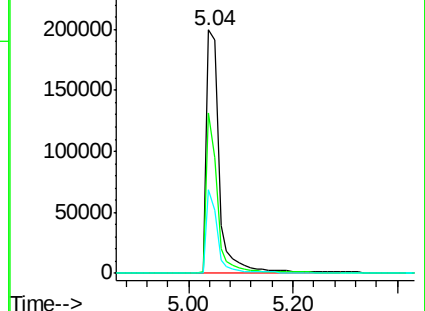
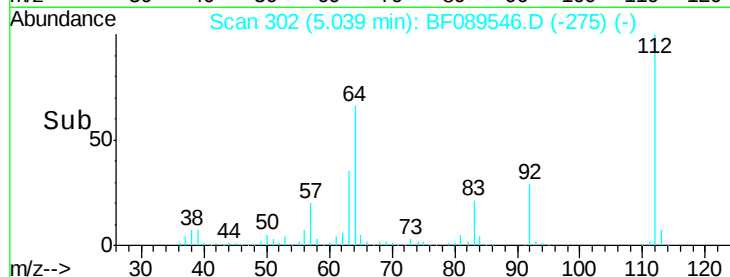
63 34.6 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 49.04 ng m

RT: 6.14 min Scan# 398

Delta R.T. -0.09 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

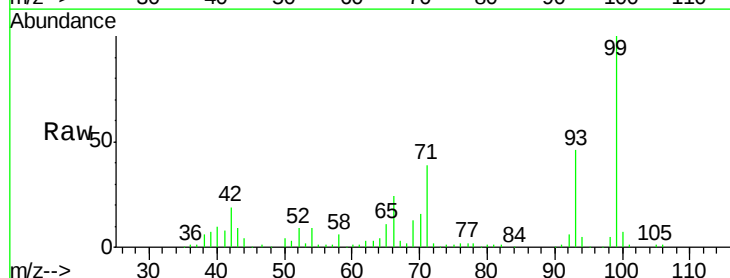
Tgt Ion: 93 Resp: 168024

Ion Ratio Lower Upper

93 100

66 52.8 51.6 77.4

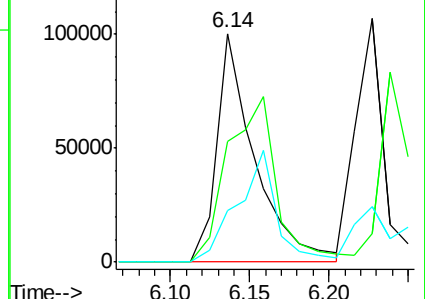
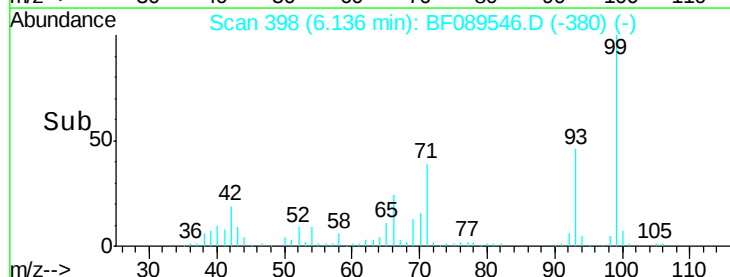
65 22.7 24.7 37.1#

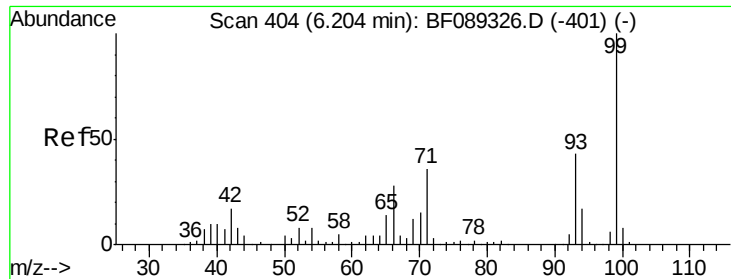


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 143.11 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF089546.D

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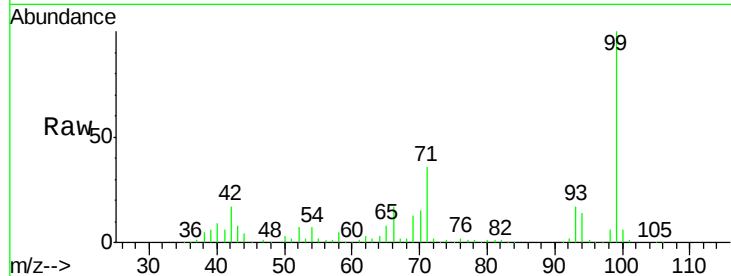
Tot Ion: 99 Resp: 454049

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

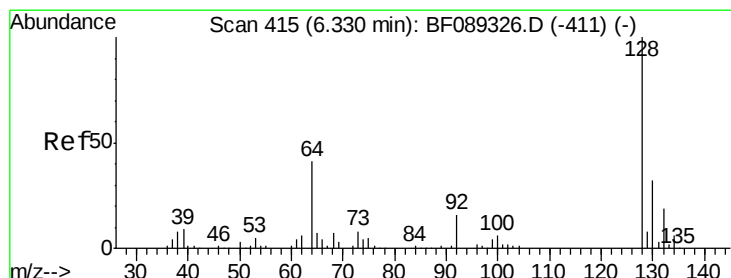
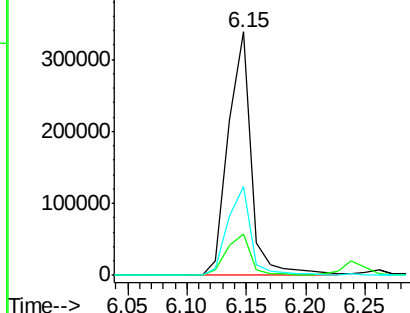
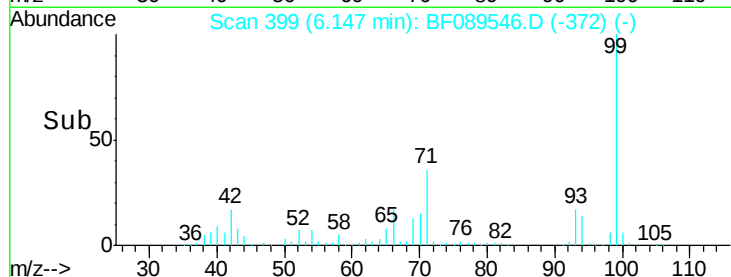
71 36.4 29.4 44.2



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: 53.96 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

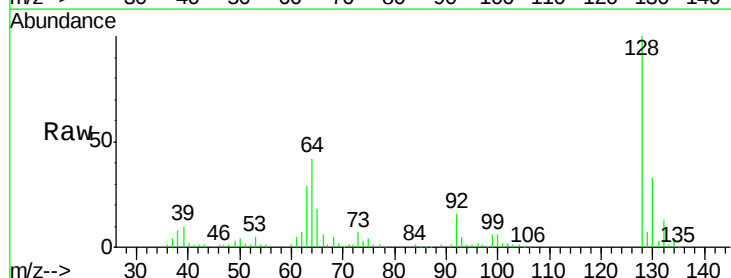
Tgt Ion: 128 Resp: 146551

Ion Ratio Lower Upper

128 100

130 33.2 12.6 52.6

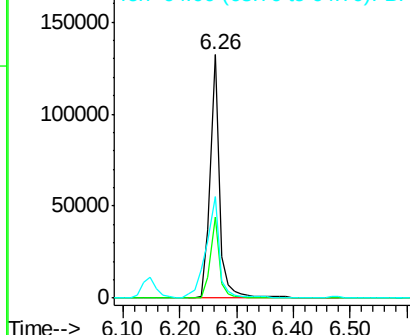
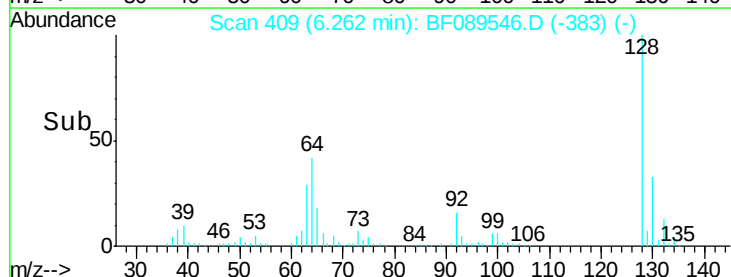
64 41.7 22.1 62.1

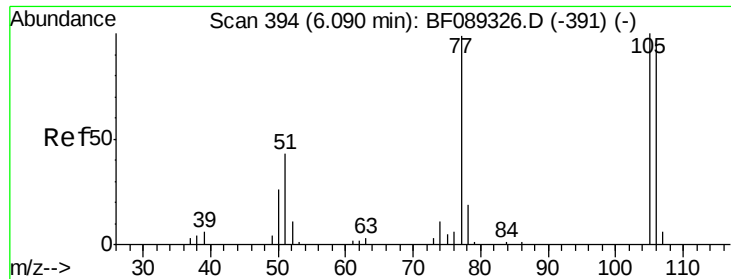


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

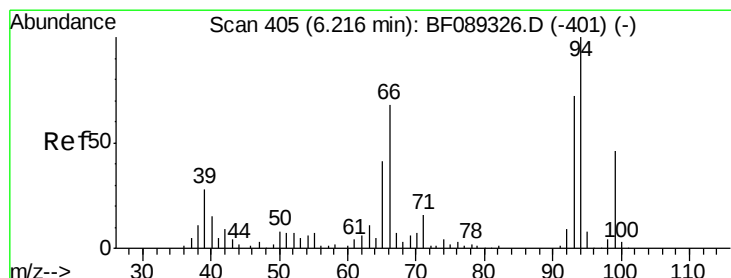
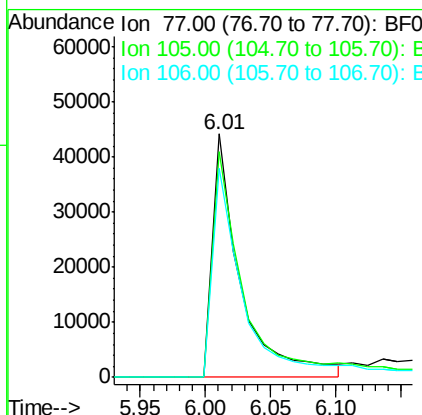
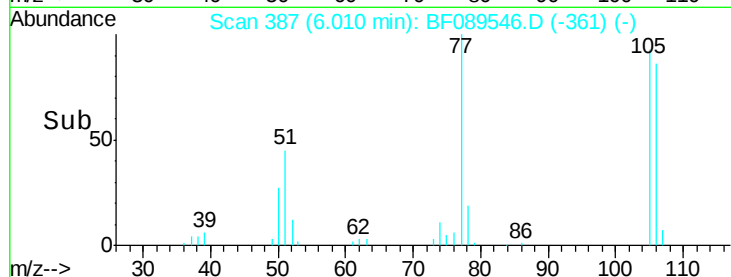
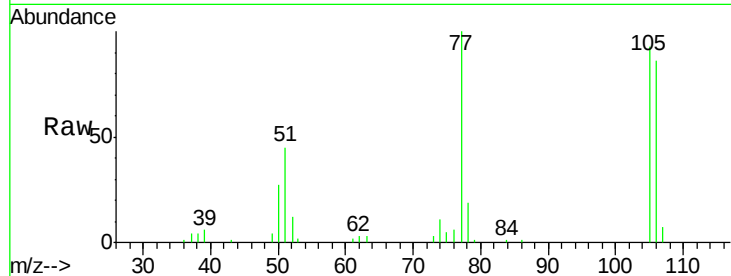




#9
Benzaldehyde
Concen: 43.51 ng
RT: 6.01 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

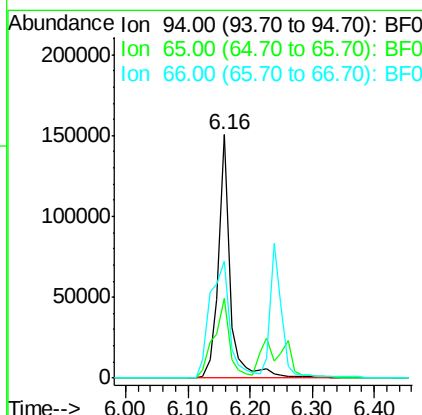
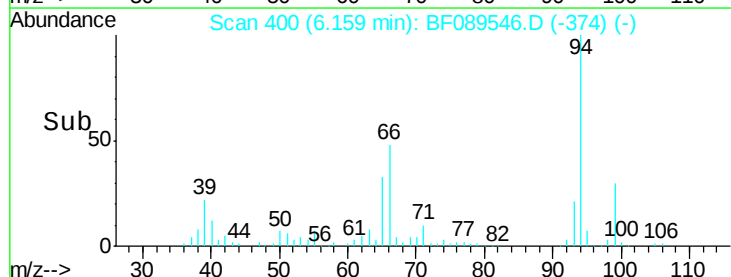
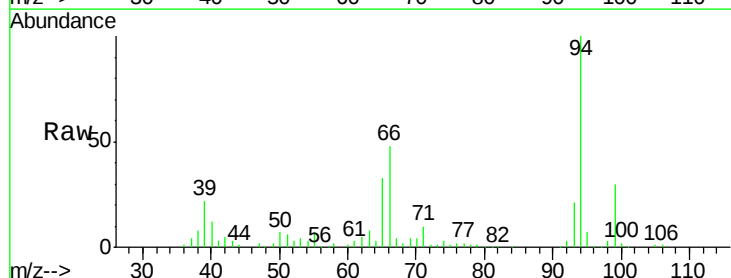
Instrument :
BNA_F
ClientSampleId :
SB-52-13.0-14.0MS

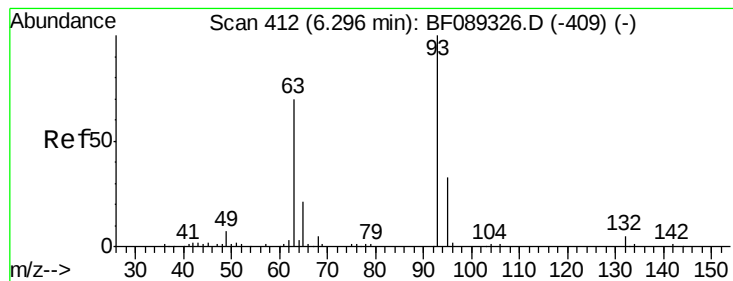
Tot Ion: 77 Resp: 67404
Ion Ratio Lower Upper
77 100
105 92.5 82.9 122.9
106 86.0 75.9 115.9



#10
Phenol
Concen: 56.47 ng
RT: 6.16 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

Tgt Ion: 94 Resp: 197708
Ion Ratio Lower Upper
94 100
65 32.6 19.1 59.1
66 48.2 44.4 84.4

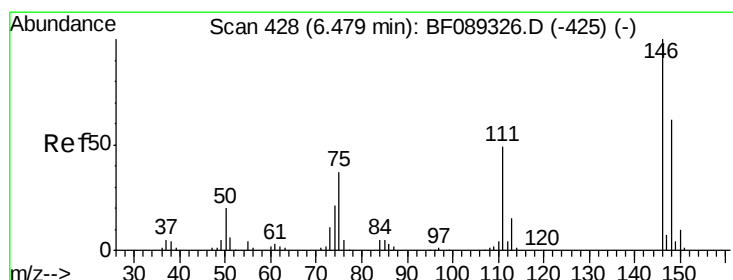
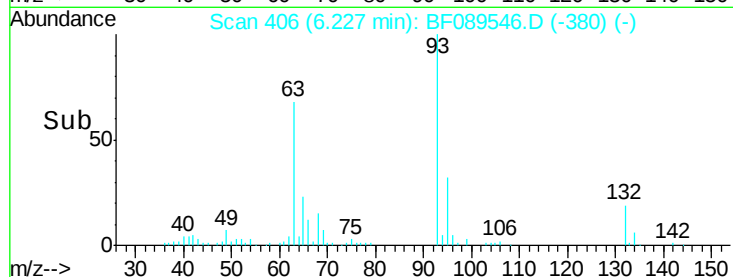
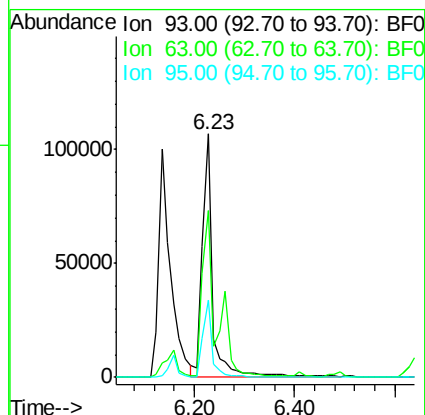
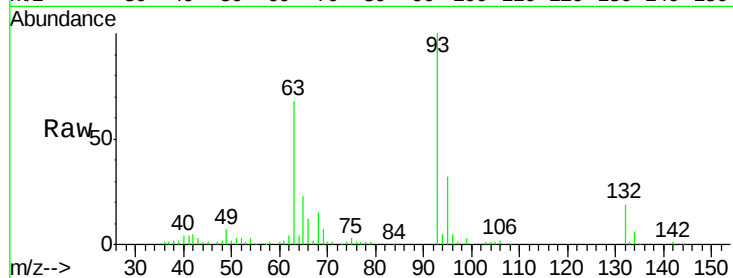




#11
bis(2-Chloroethyl)ether
Concen: 50.33 ng
RT: 6.23 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

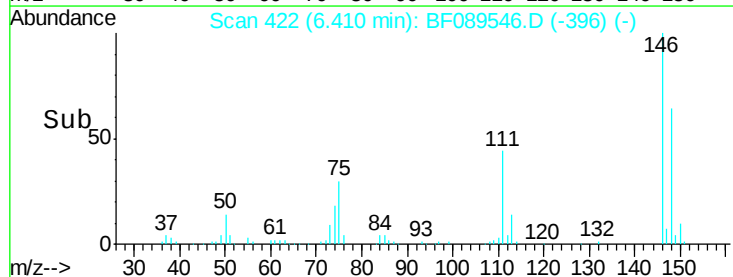
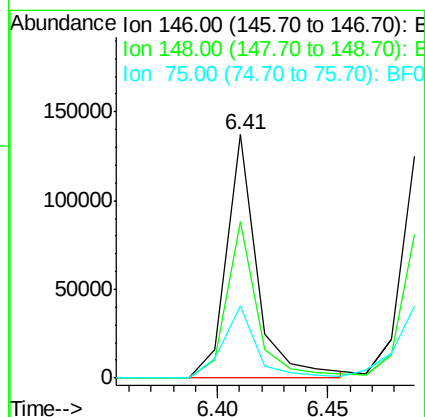
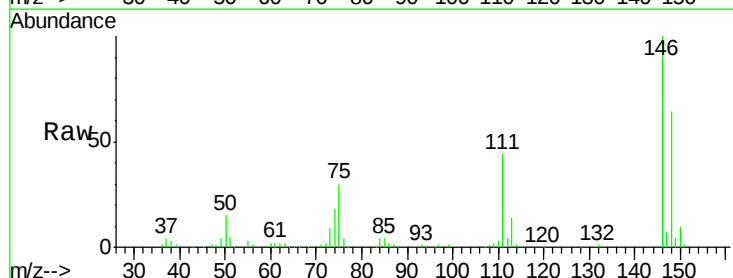
Instrument :
BNA_F
ClientSampleId :
SB-52-13.0-14.0MS

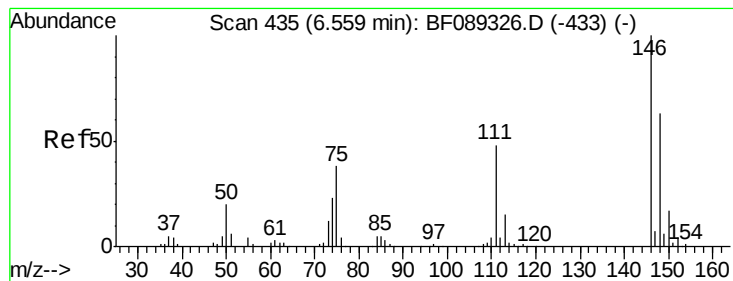
Tot Ion: 93 Resp: 149721
Ion Ratio Lower Upper
93 100
63 68.3 45.6 85.6
95 31.7 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 47.46 ng m
RT: 6.41 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

Tgt Ion: 146 Resp: 134829
Ion Ratio Lower Upper
146 100
148 64.3 50.5 75.7
75 29.8 30.0 45.0#





#13

1,4-Dichlorobenzene

Concen: 47.60 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0MS

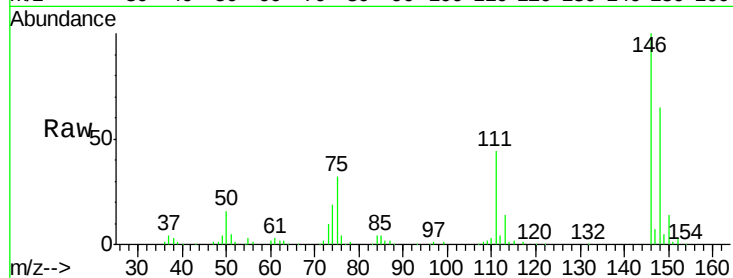
Tot Ion:146 Resp: 149232

Ion Ratio Lower Upper

146 100

148 65.0 50.8 76.2

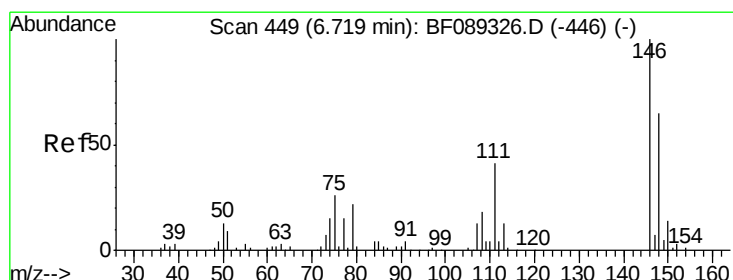
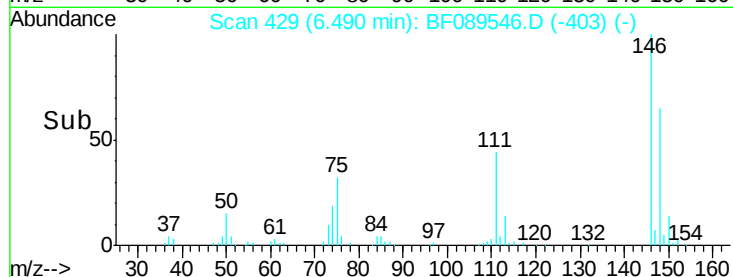
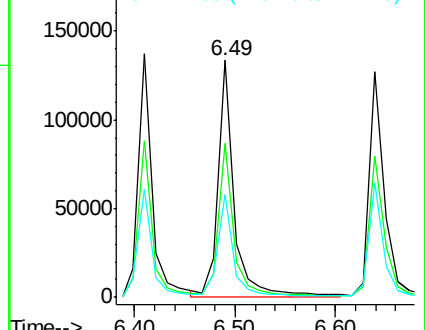
111 43.6 38.6 57.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.15 ng m

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

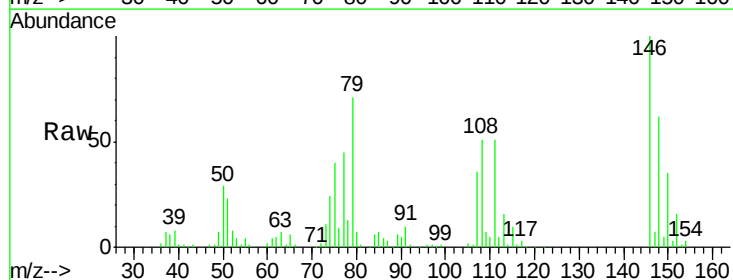
Tgt Ion:146 Resp: 135530

Ion Ratio Lower Upper

146 100

148 62.5 50.4 75.6

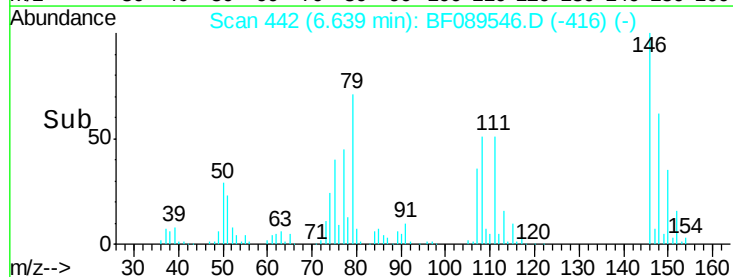
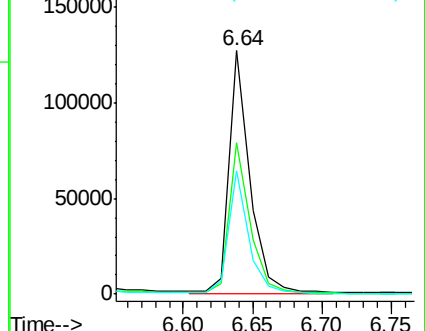
111 50.5 33.0 49.4#

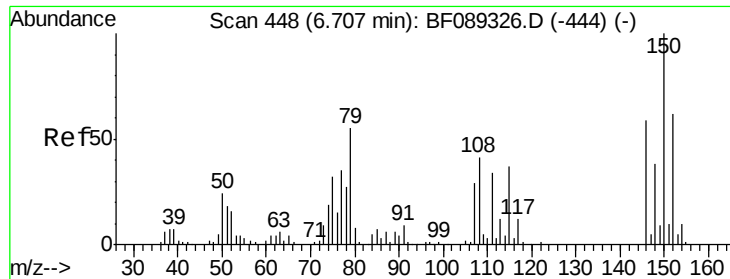


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

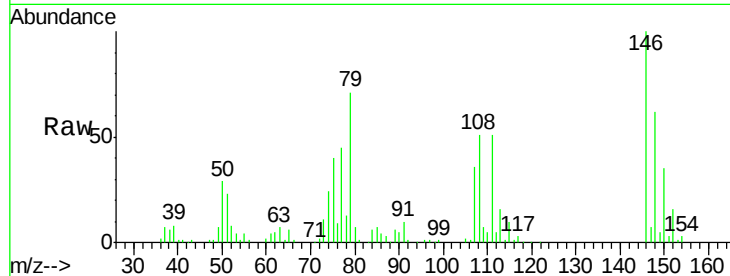




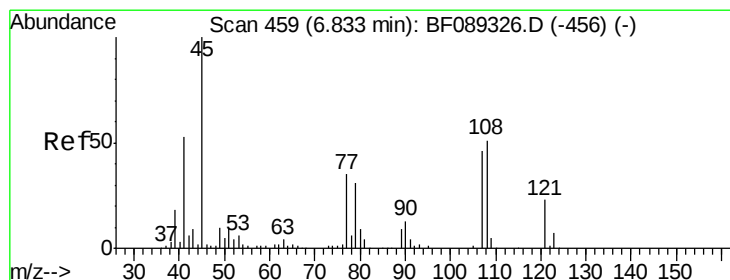
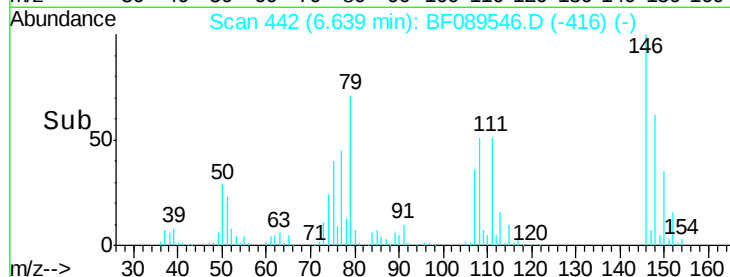
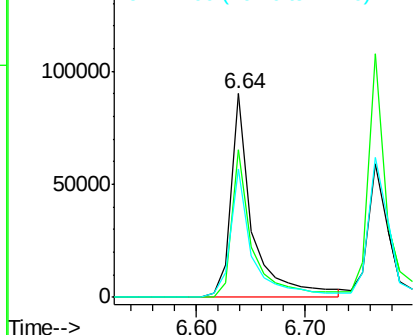
#15
Benzyl Alcohol
Concen: 62.88 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

Instrument :
BNA_F
ClientSampleId :
SB-52-13.0-14.0MS

Tot Ion: 79 Resp: 123817
Ion Ratio Lower Upper
79 100
108 72.2 59.8 89.6
77 63.0 51.7 77.5

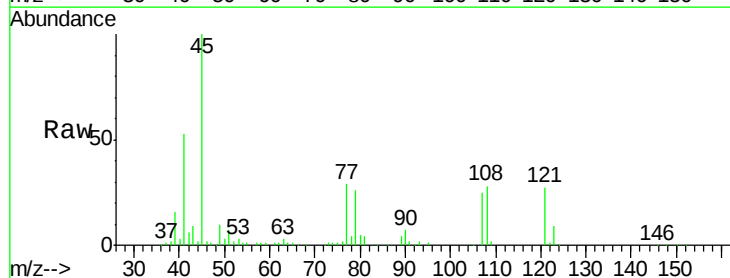


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

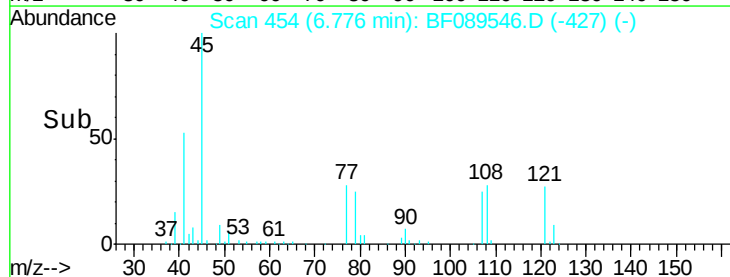
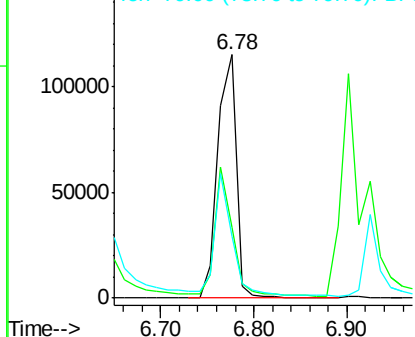


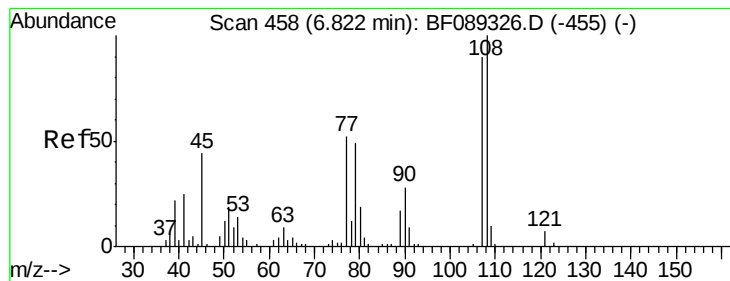
#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.13 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

Tgt Ion: 45 Resp: 159408
Ion Ratio Lower Upper
45 100
77 29.1 17.3 57.3
79 25.5 13.9 53.9



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 53.09 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0MS

Tot Ion:107 Resp: 111437

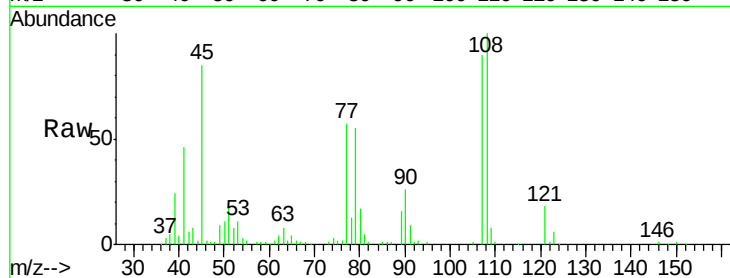
Ion Ratio Lower Upper

107 100

108 111.4 91.4 137.0

77 63.9 48.6 73.0

79 61.2 48.2 72.4

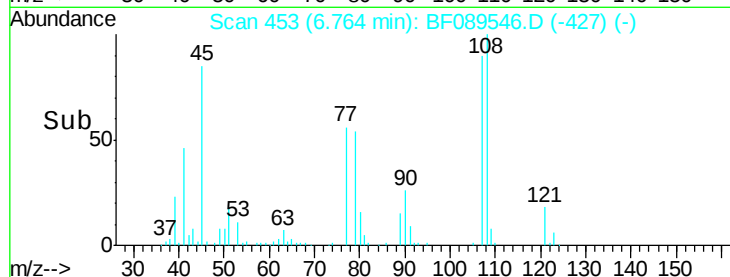


Abundance Ion 107.00 (106.70 to 107.70): E

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



200000

150000

100000

50000

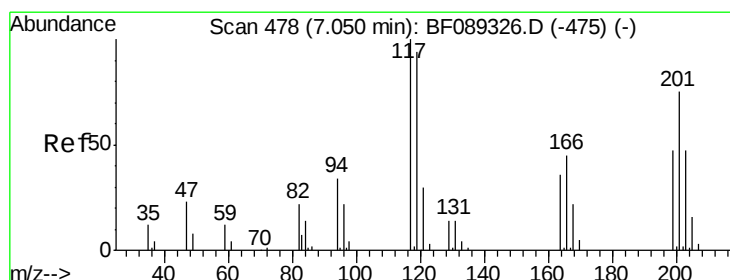
0

6.76

6.80

6.90

Time-->



#18

Hexachloroethane

Concen: 44.52 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

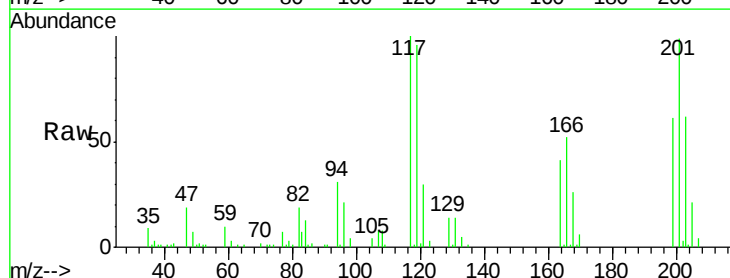
Tgt Ion:117 Resp: 53513

Ion Ratio Lower Upper

117 100

119 95.5 76.0 114.0

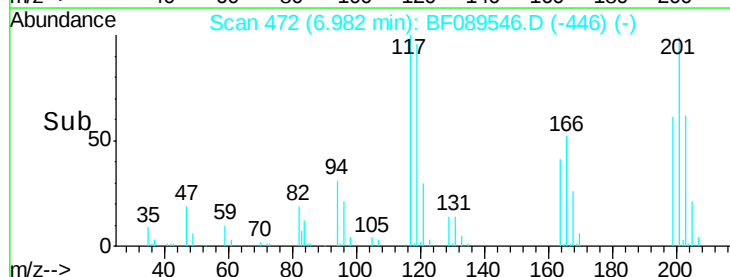
201 98.8 60.0 90.0#



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



60000

40000

20000

0

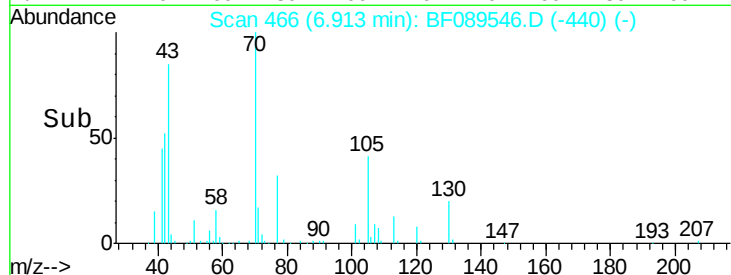
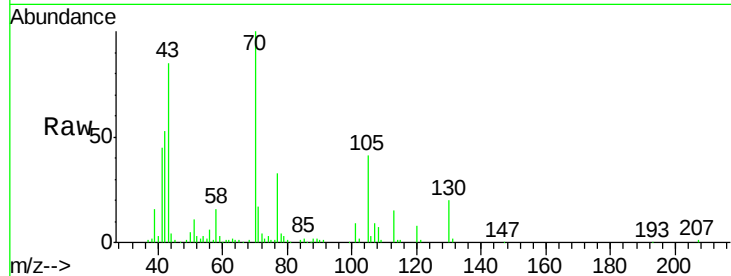
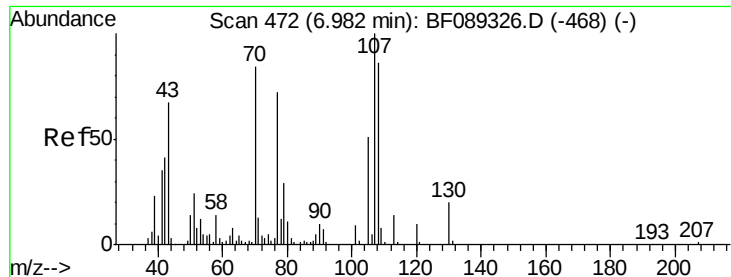
6.98

6.90

6.95

7.00

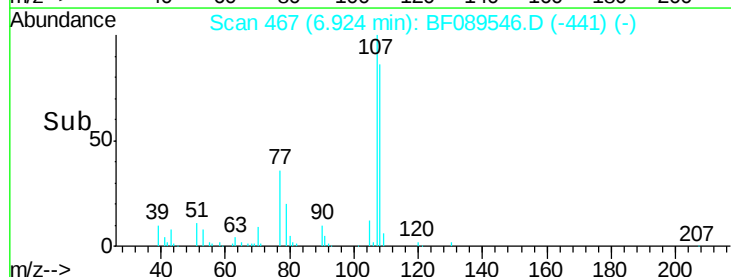
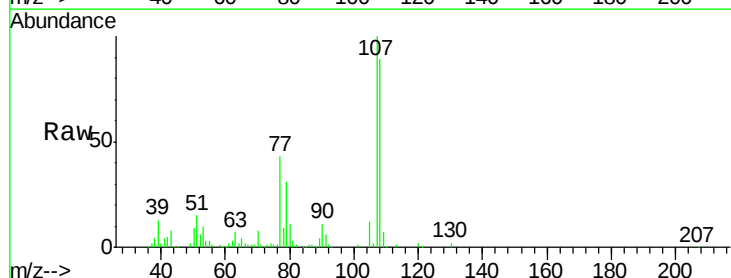
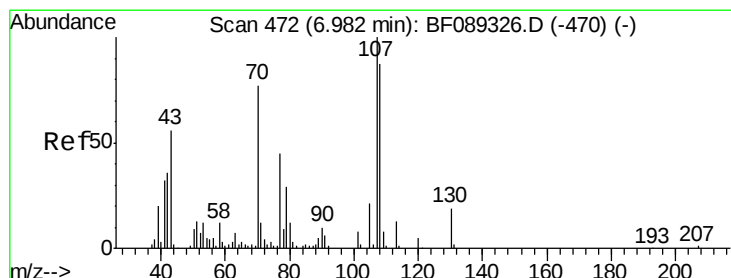
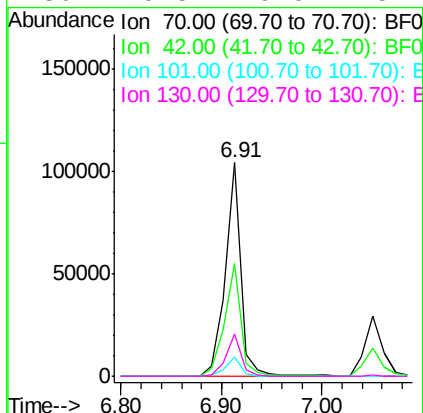
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 58.93 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

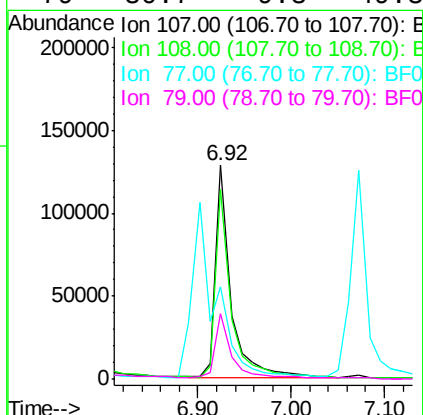
Instrument :
BNA_F
ClientSampleId :
SB-52-13.0-14.0MS

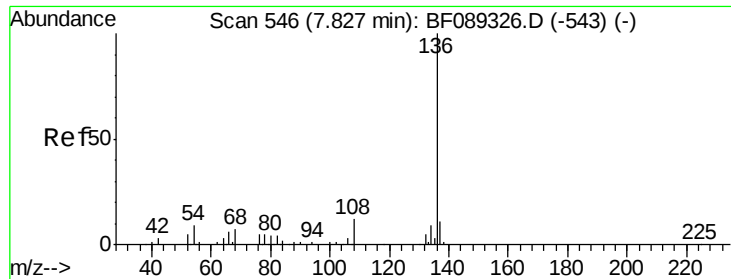
Tot Ion:	70	Resp:	112748
Ion	Ratio	Lower	Upper
70	100		
42	52.9	38.6	57.8
101	9.1	8.3	12.5
130	19.5	19.0	28.4



#20
3+4-Methylphenols
Concen: 53.43 ng
RT: 6.92 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

Tgt Ion:	107	Resp:	144015
Ion	Ratio	Lower	Upper
107	100		
108	88.5	63.3	103.3
77	43.1	51.1	91.1#
79	30.7	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0MS

Tot Ion:136 Resp: 162500

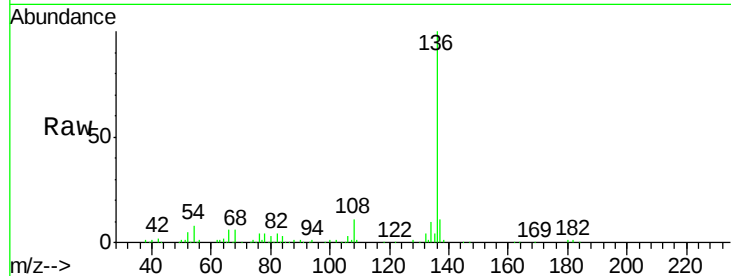
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 7.6 7.0 10.4

68 5.9 4.9 7.3

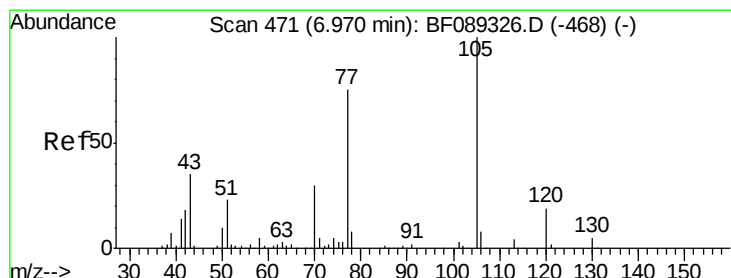
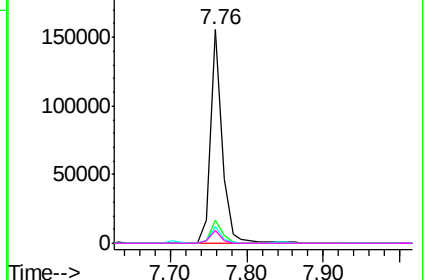
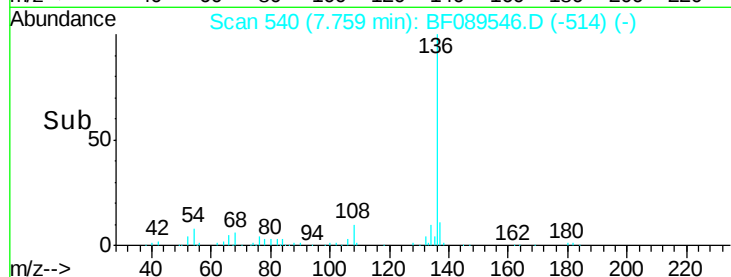


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.01 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Tgt Ion:105 Resp: 185725

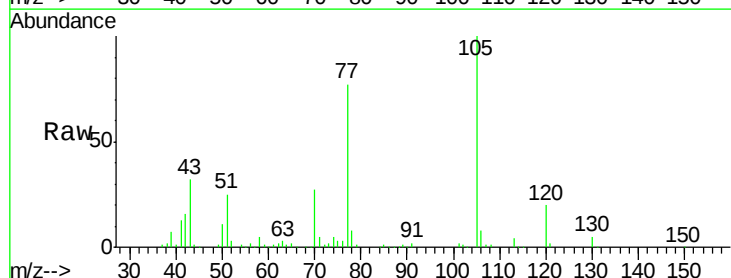
Ion Ratio Lower Upper

105 100

71 4.7 4.2 6.2

51 24.8 18.7 28.1

120 19.8 15.8 23.6

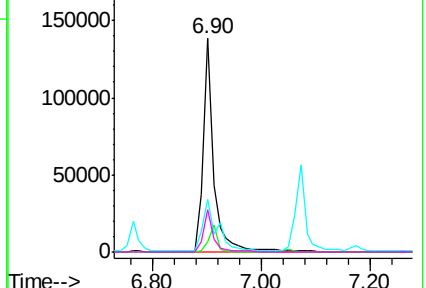
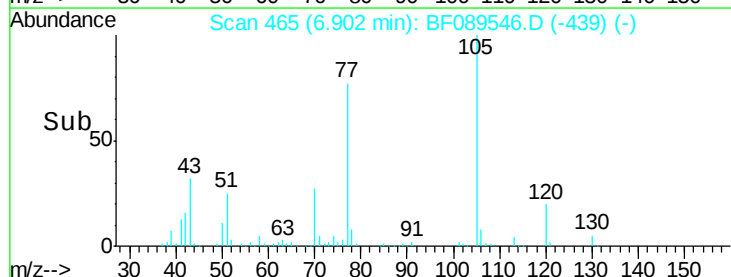


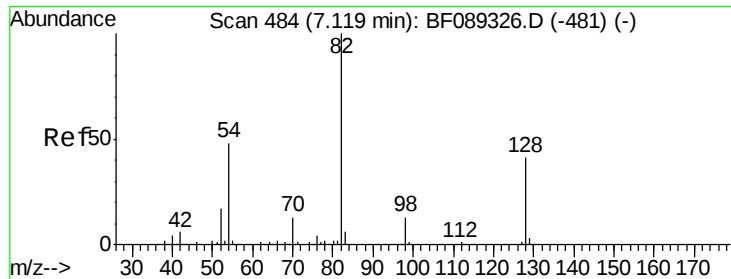
Abundance Ion 105.00 (104.70 to 105.70): E

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

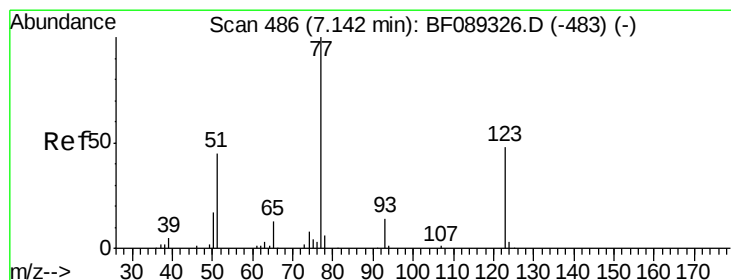
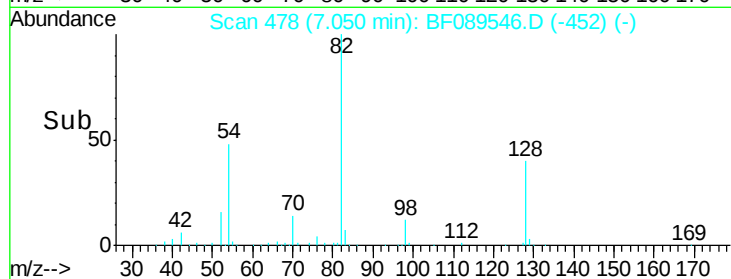
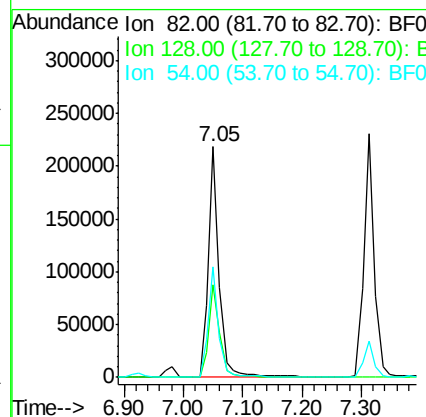
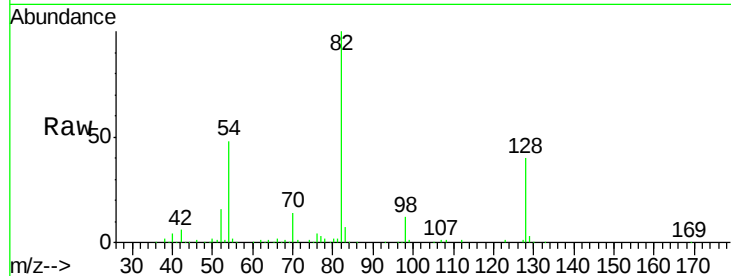




#23
 Nitrobenzene-d5
 Concen: 103.45 ng
 RT: 7.05 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: BF089546.D
 Acq: 2 Aug 2016 14:43

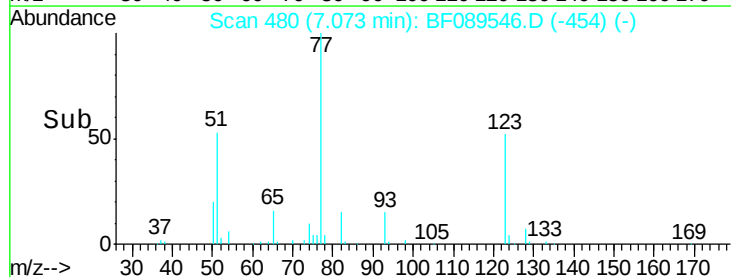
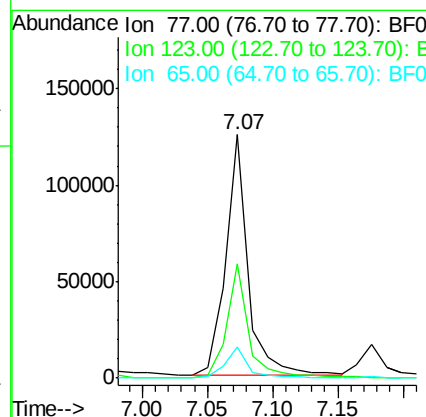
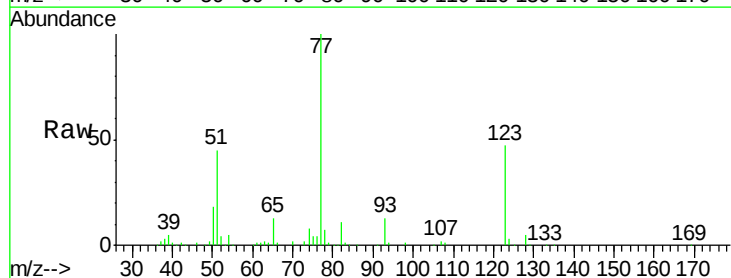
Instrument :
 BNA_F
 ClientSampleId :
 SB-52-13.0-14.0MS

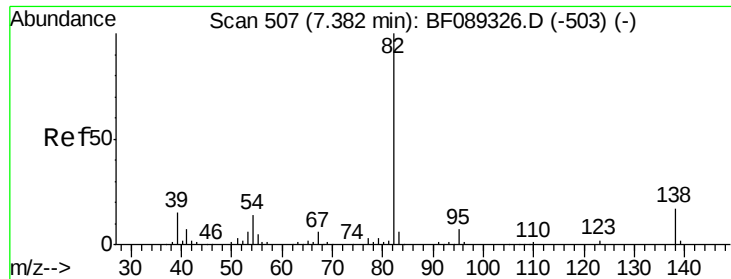
Tot Ion	82	Resp	284792
Ion Ratio	Lower	Upper	
82	100		
128	40.1	32.5	48.7
54	48.0	38.8	58.2



#24
 Nitrobenzene
 Concen: 47.56 ng
 RT: 7.07 min Scan# 480
 Delta R.T. 0.00 min
 Lab File: BF089546.D
 Acq: 2 Aug 2016 14:43

Tgt Ion	77	Resp	149013
Ion Ratio	Lower	Upper	
77	100		
123	46.7	37.2	55.8
65	12.9	10.2	15.4





#25

Isophorone

Concen: 50.07 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0MS

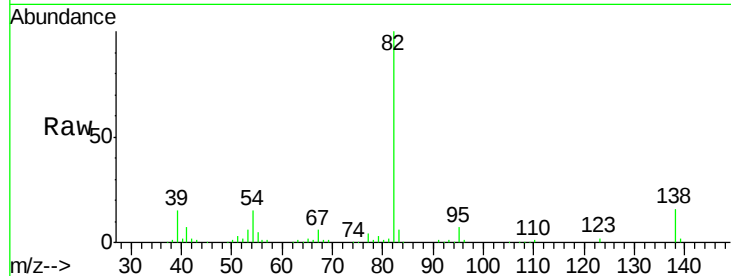
Tot Ion: 82 Resp: 277658

Ion Ratio Lower Upper

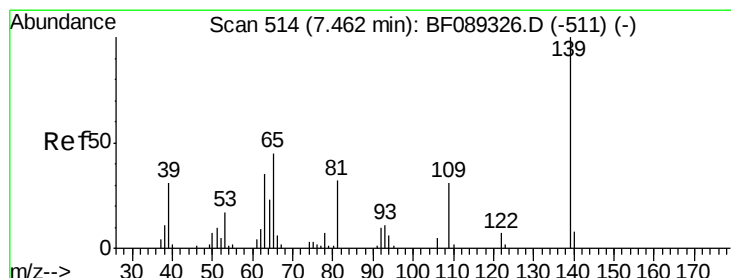
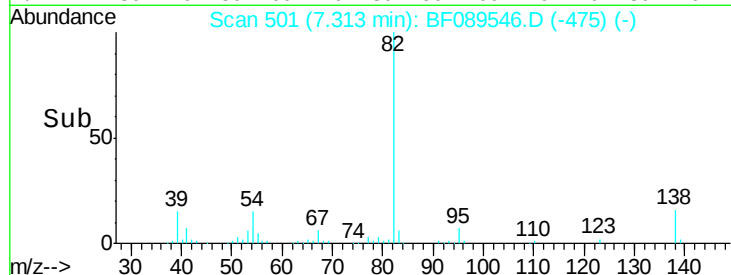
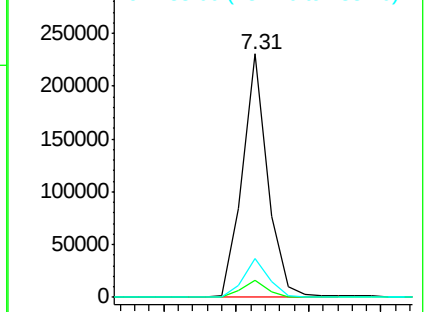
82 100

95 7.2 6.0 9.0

138 15.8 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 49.12 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

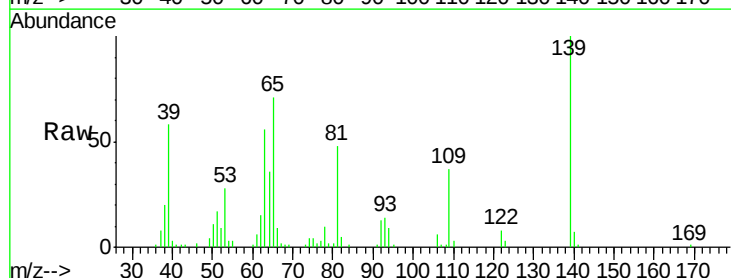
Tgt Ion: 139 Resp: 68816

Ion Ratio Lower Upper

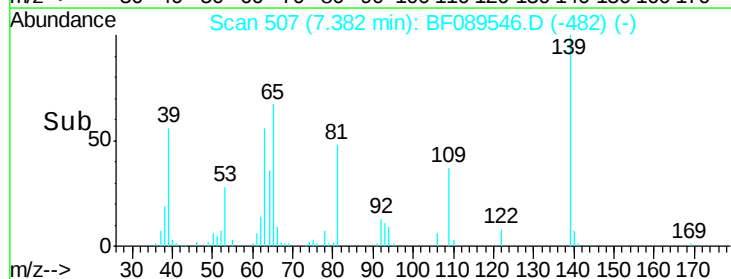
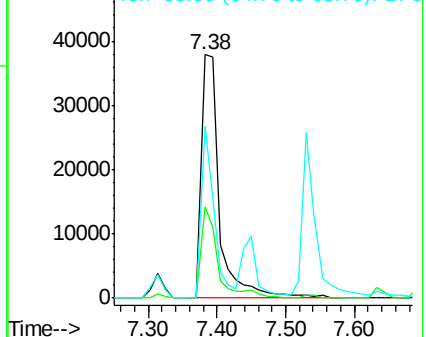
139 100

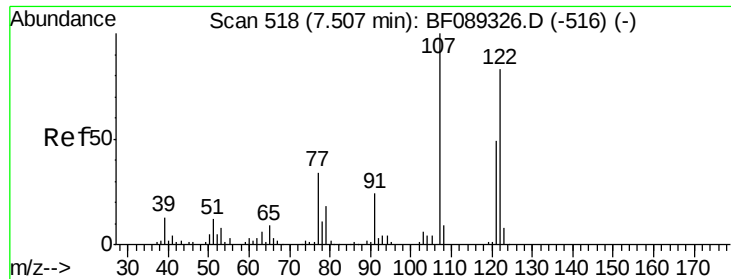
109 37.5 25.8 38.8

65 70.7 35.2 52.8#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 54.23 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0MS

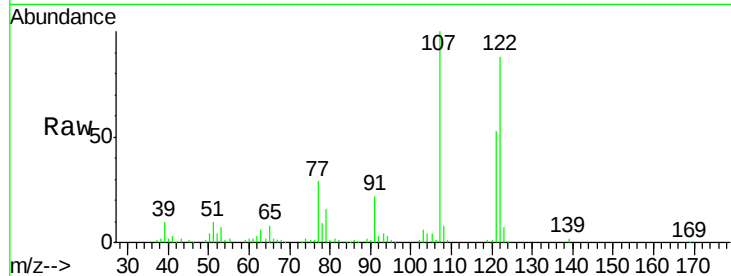
Tot Ion:122 Resp: 121021

Ion Ratio Lower Upper

122 100

107 113.3 97.2 145.8

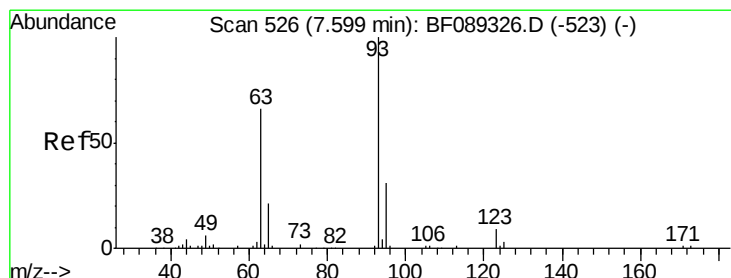
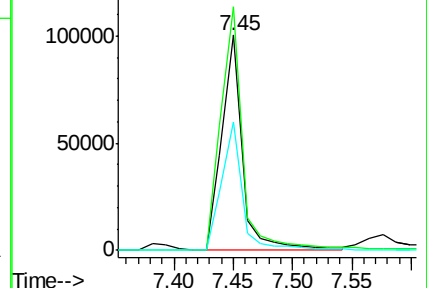
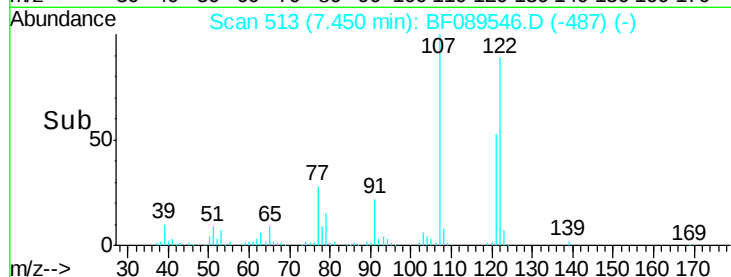
121 59.9 48.8 73.2



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: 53.68 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

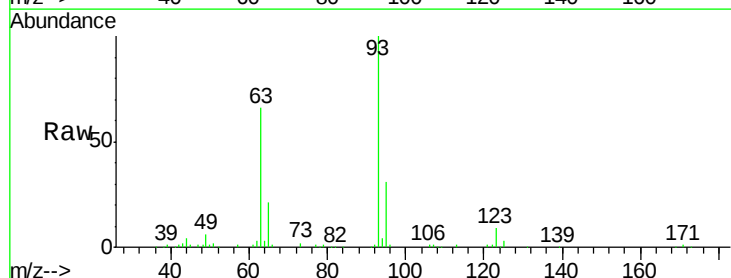
Tgt Ion: 93 Resp: 164789

Ion Ratio Lower Upper

93 100

95 31.2 24.7 37.1

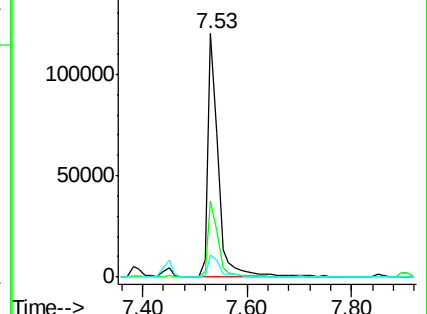
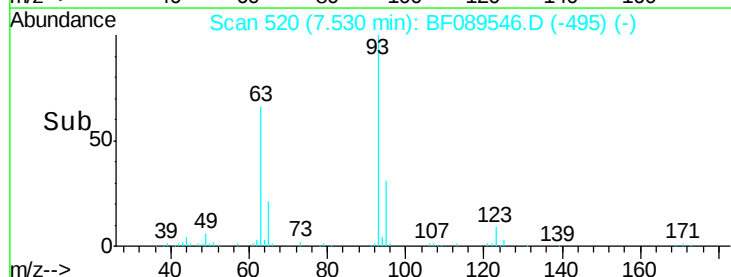
123 9.1 7.5 11.3

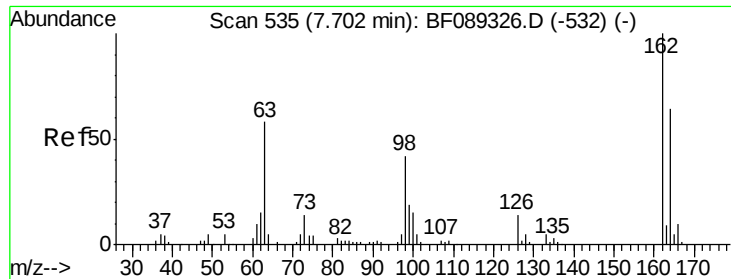


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

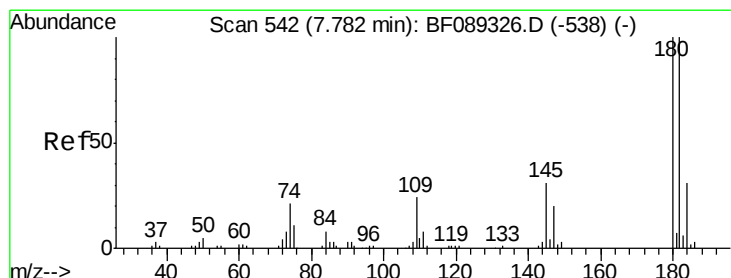
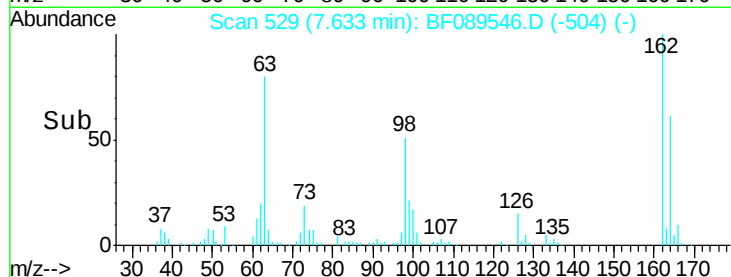
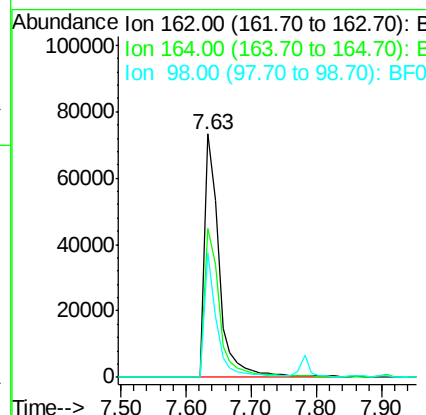
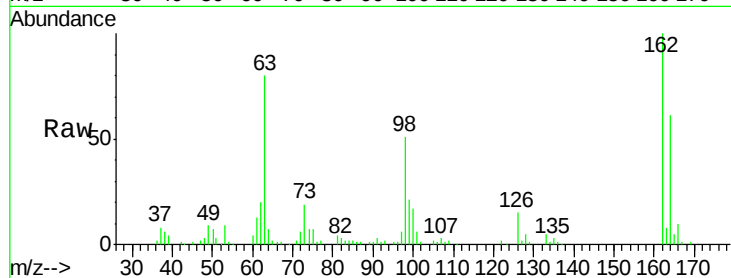




#29
 2,4-Dichlorophenol
 Concen: 56.05 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: BF089546.D
 Acq: 2 Aug 2016 14:43

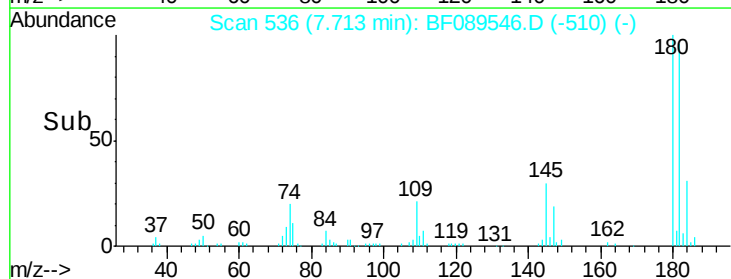
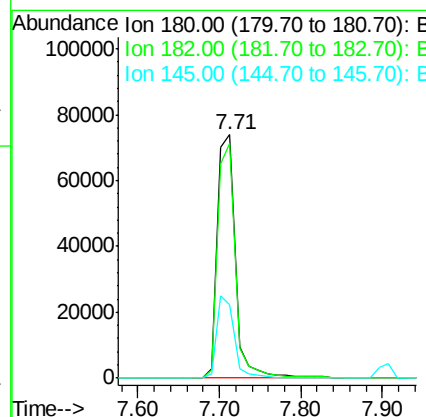
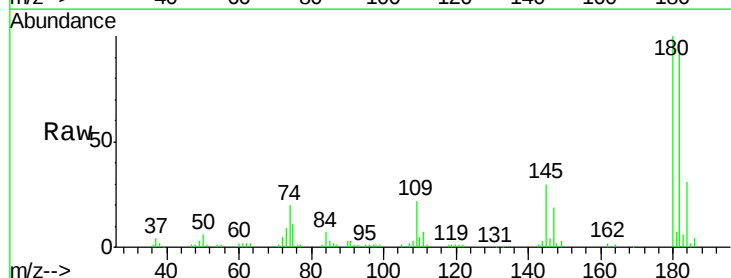
Instrument :
 BNA_F
 ClientSampleId :
 SB-52-13.0-14.0MS

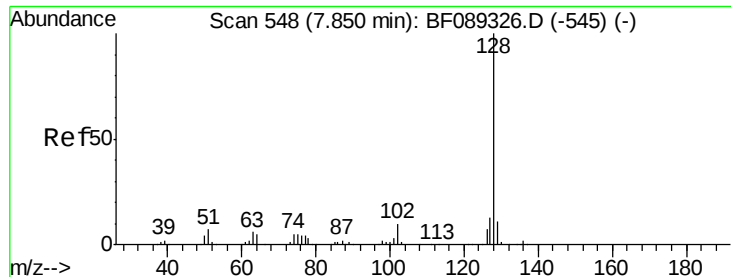
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.3	44.0	84.0
98	50.9	21.8	61.8



#30
 1,2,4-Trichlorobenzene
 Concen: 49.37 ng
 RT: 7.71 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF089546.D
 Acq: 2 Aug 2016 14:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	78.2	117.2
145	30.3	24.6	36.8

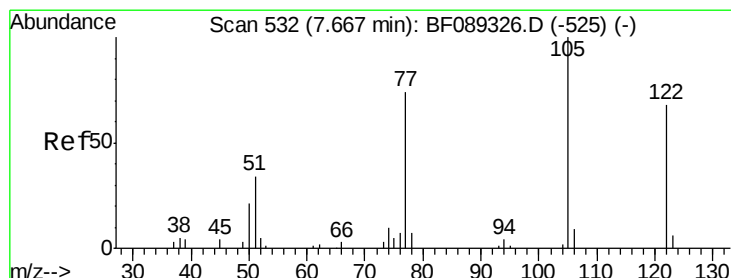
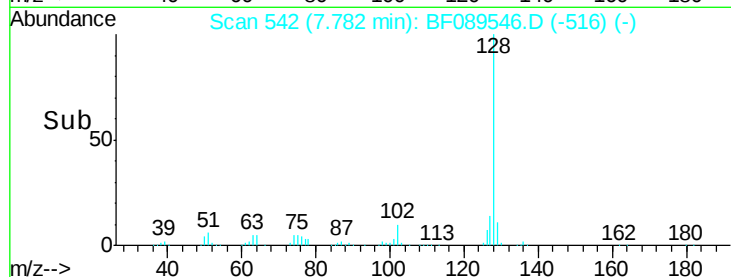
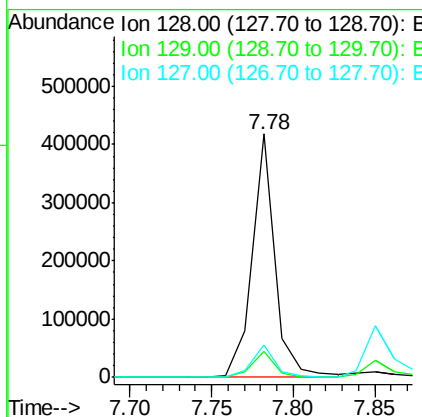
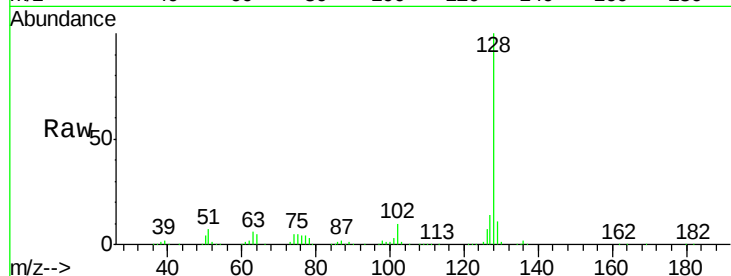




#31
Naphthalene
Concen: 50.56 ng
RT: 7.78 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

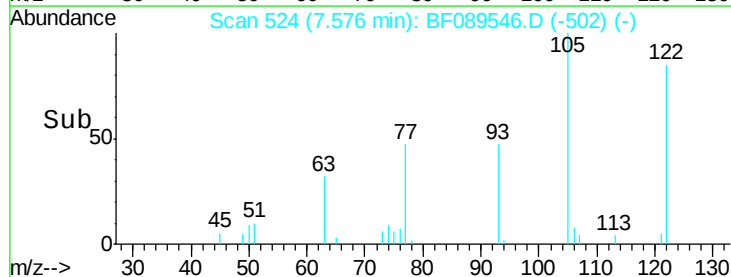
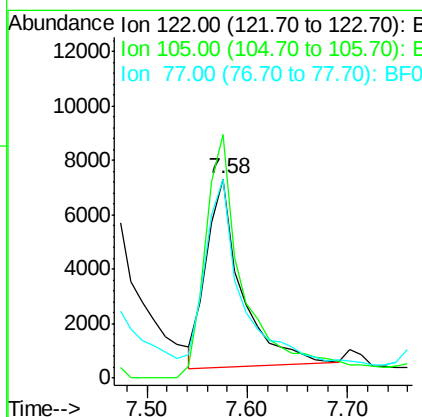
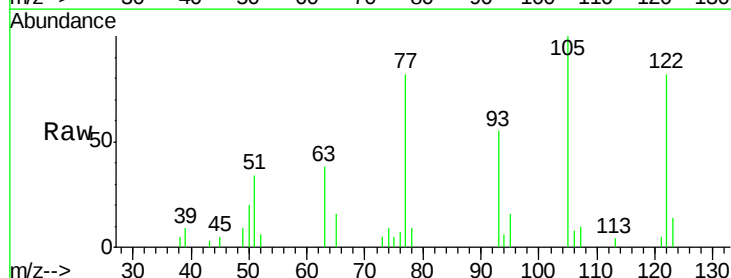
Instrument :
BNA_F
ClientSampleId :
SB-52-13.0-14.0MS

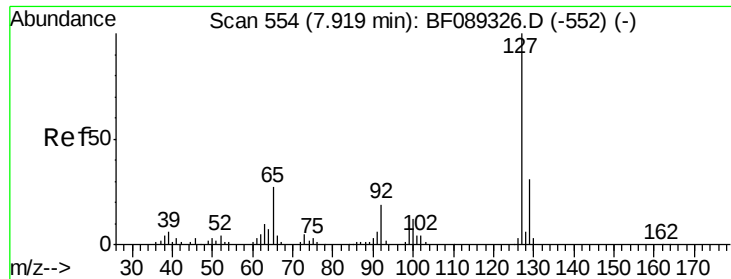
Tot Ion:128 Resp: 406862
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 10.81 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.05 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

Tgt Ion:122 Resp: 16812
Ion Ratio Lower Upper
122 100
105 122.1 106.4 146.4
77 99.9 76.4 116.4

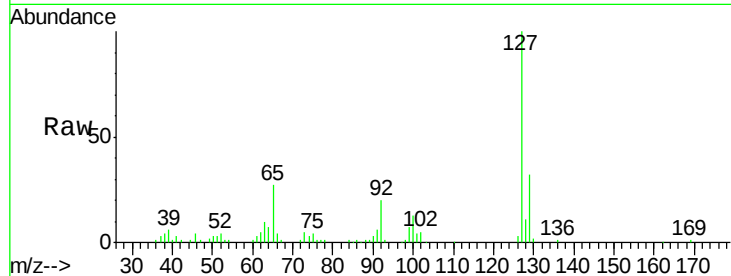




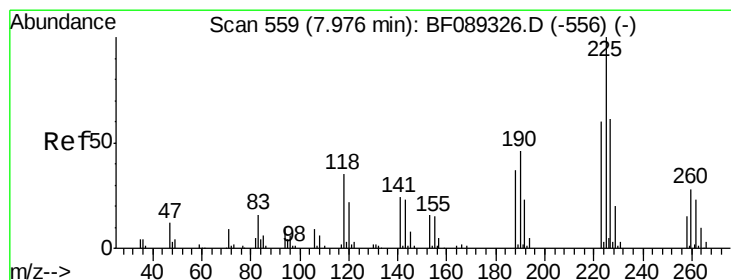
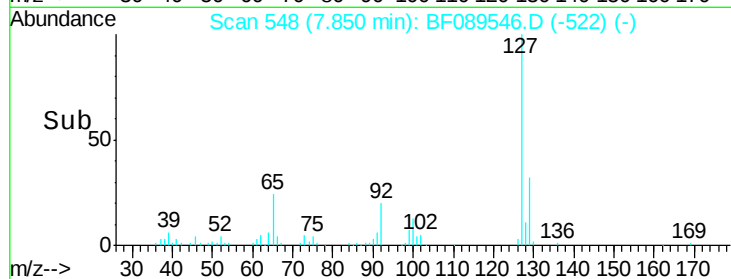
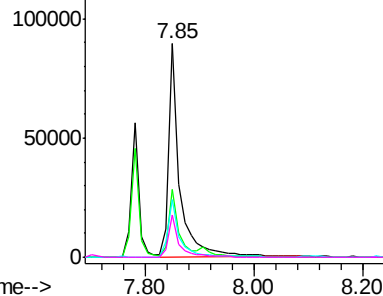
#33
4-Chloroaniline
Concen: 40.37 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

Instrument :
BNA_F
ClientSampleId :
SB-52-13.0-14.0MS

Tot Ion:	127	Resp:	123670
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	27.2	22.0	33.0
92	19.5	15.2	22.8

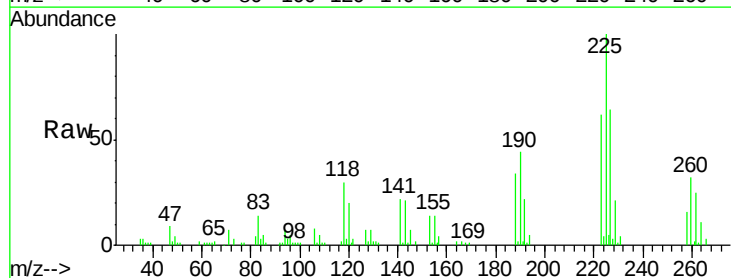


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

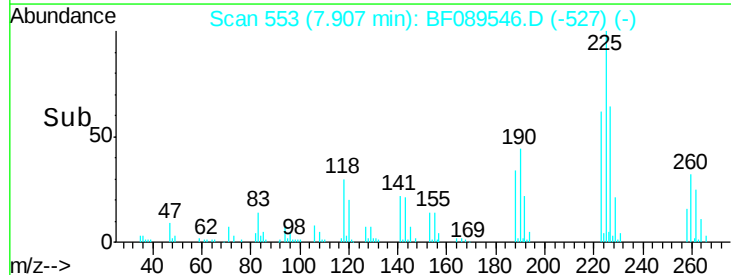
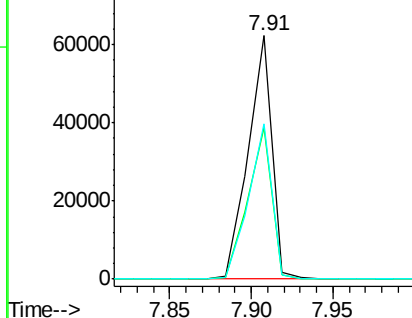


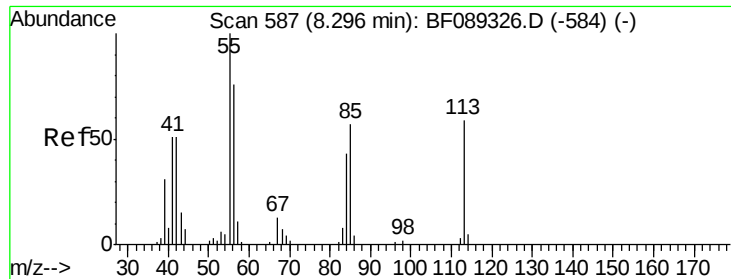
#34
Hexachlorobutadiene
Concen: 47.14 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

Tgt Ion:	225	Resp:	62646
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.8	74.8
227	63.7	49.4	74.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 54.53 ng

RT: 8.23 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0MS

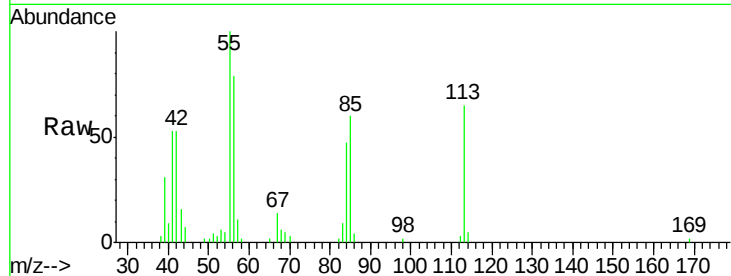
Tot Ion:113 Resp: 33470

Ion Ratio Lower Upper

113 100

55 154.8 142.3 182.3

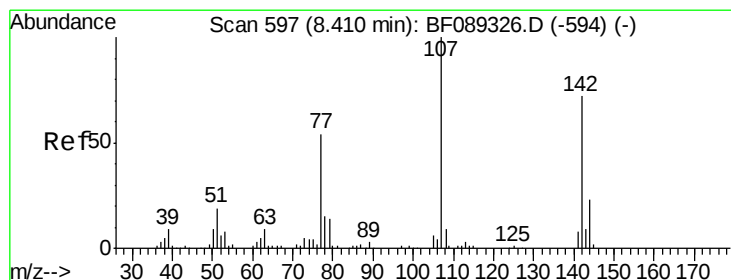
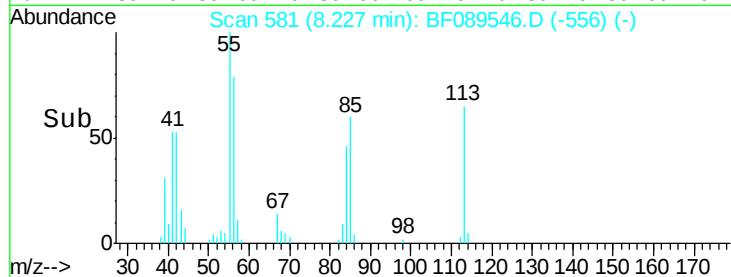
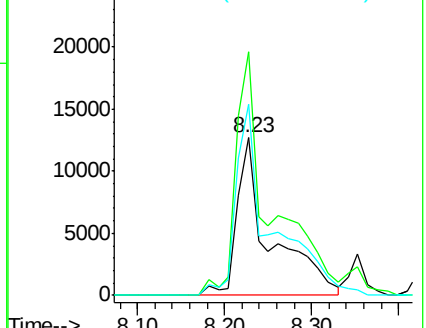
56 121.9 105.8 145.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 53.89 ng

RT: 8.35 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

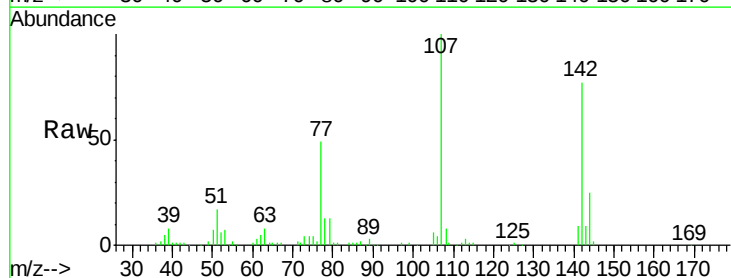
Tgt Ion:107 Resp: 130257

Ion Ratio Lower Upper

107 100

144 25.0 18.4 27.6

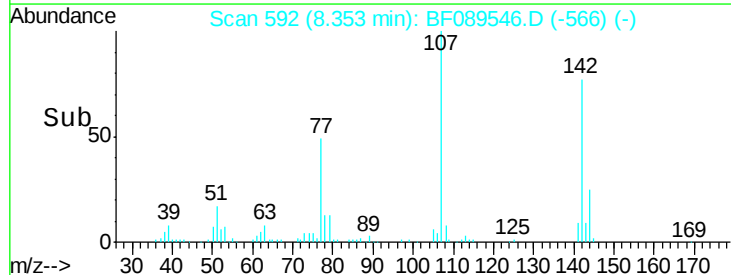
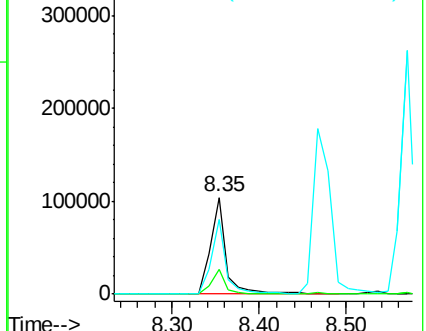
142 77.1 58.6 87.8

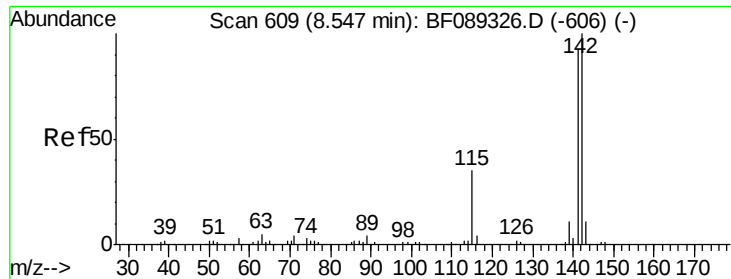


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

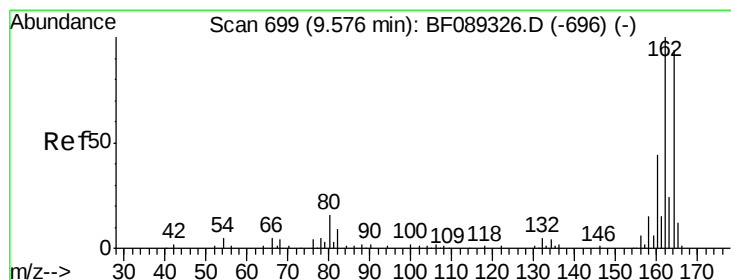
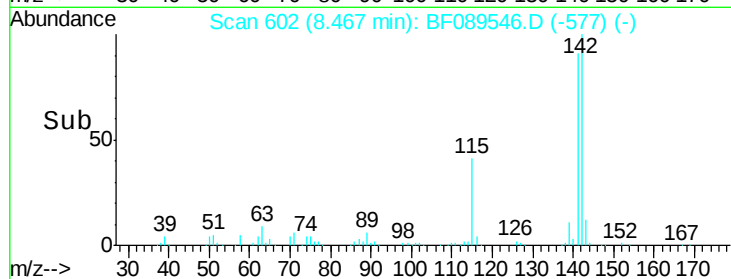
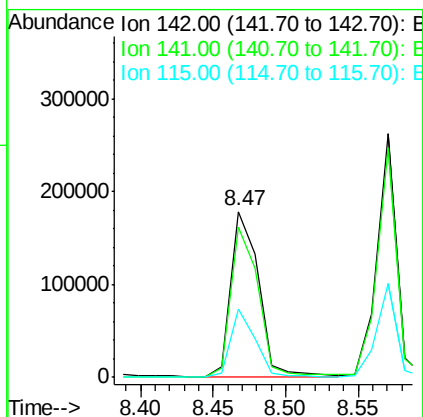
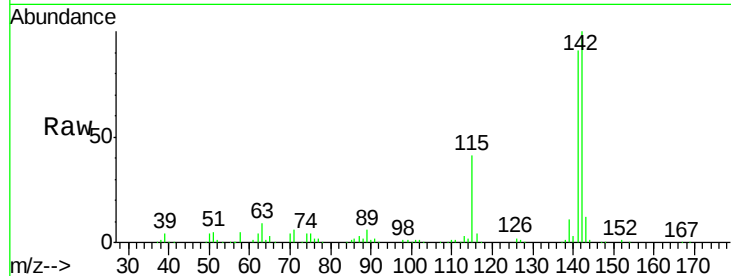




#37
2-Methylnaphthalene
Concen: 49.28 ng
RT: 8.47 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

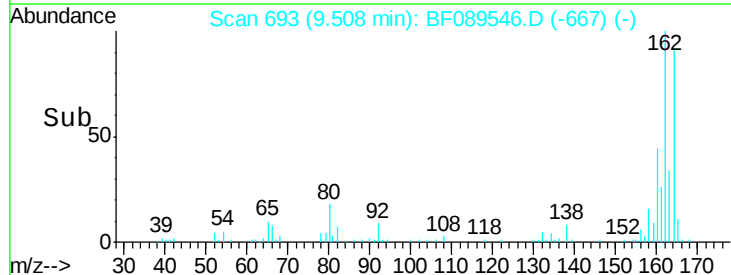
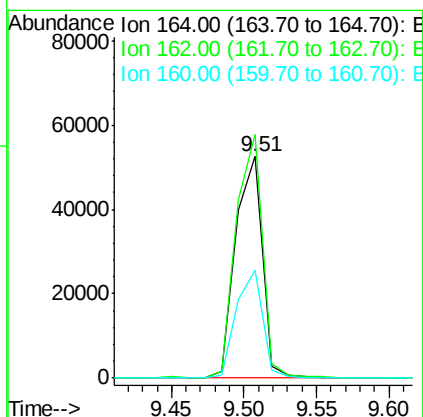
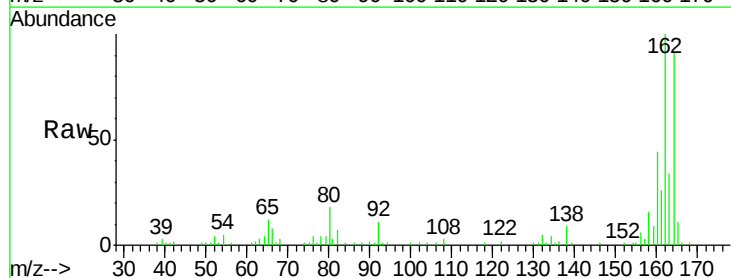
Instrument :
BNA_F
ClientSampleId :
SB-52-13.0-14.0MS

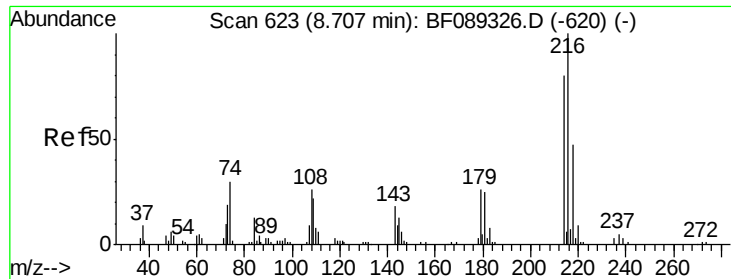
Tot Ion:142 Resp: 238965
Ion Ratio Lower Upper
142 100
141 90.8 70.9 106.3
115 40.9 27.6 41.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

Tgt Ion:164 Resp: 67004
Ion Ratio Lower Upper
164 100
162 109.9 83.7 125.5
160 48.6 37.8 56.6

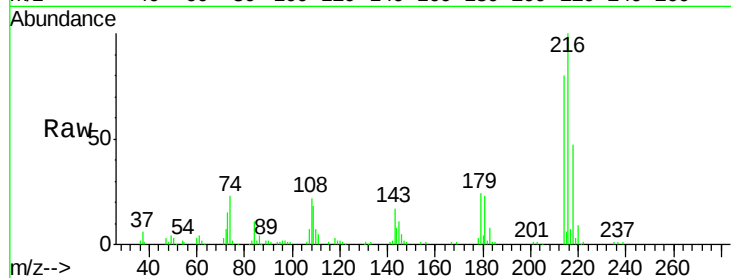




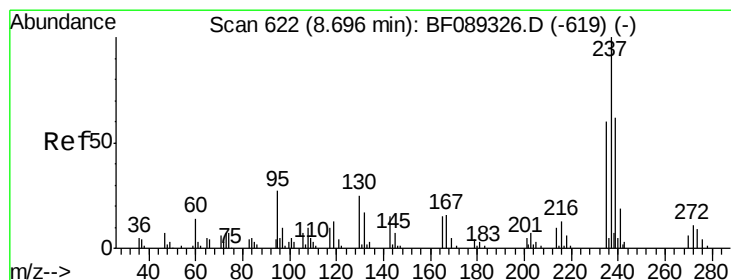
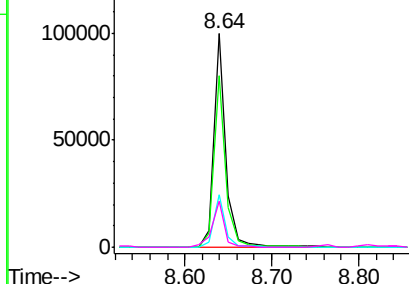
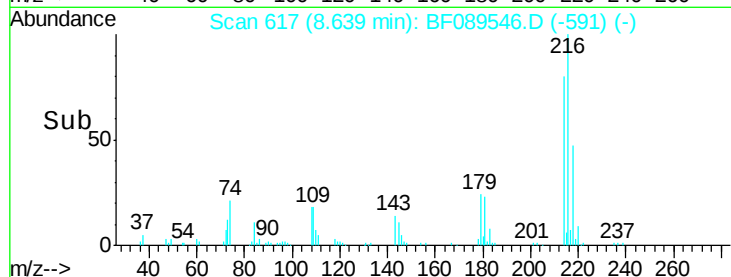
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.45 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF089546.D
 Acq: 2 Aug 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-52-13.0-14.0MS

Tot Ion:216	Resp:	97188
Ion Ratio	Lower	Upper
216	100	
214	79.2	63.3 94.9
179	23.1	18.1 27.1
108	22.2	17.2 25.8

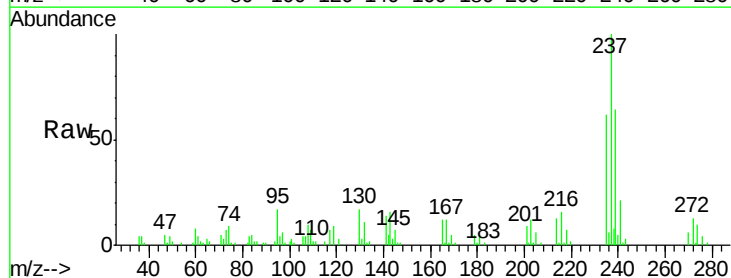


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

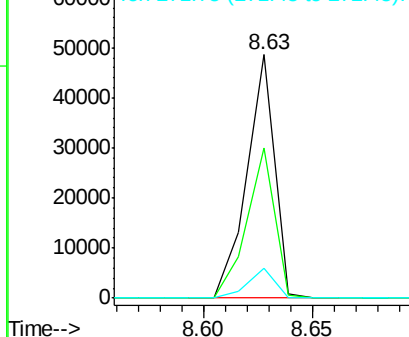
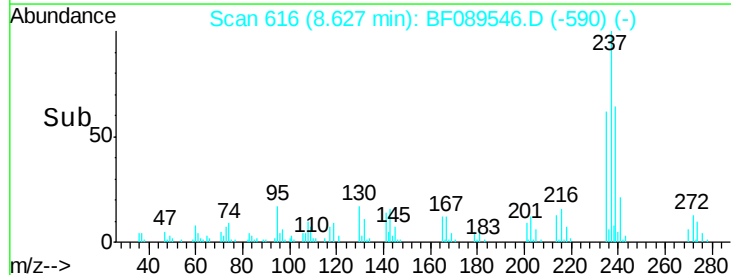


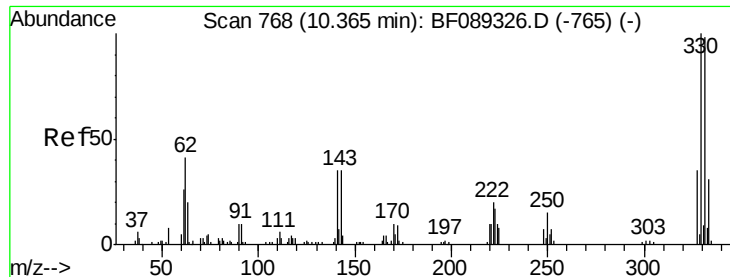
#40
 Hexachlorocyclopentadiene
 Concen: 66.03 ng
 RT: 8.63 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF089546.D
 Acq: 2 Aug 2016 14:43

Tgt Ion:237	Resp:	42963
Ion Ratio	Lower	Upper
237	100	
235	61.6	41.6 81.6
272	12.5	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

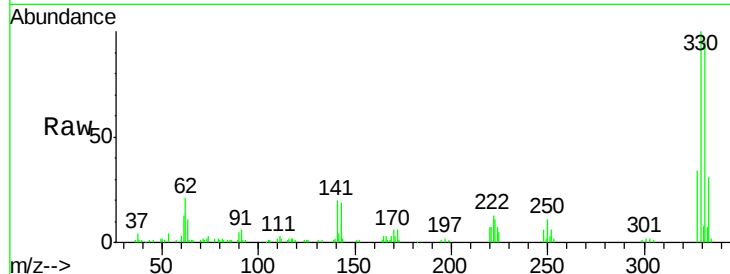




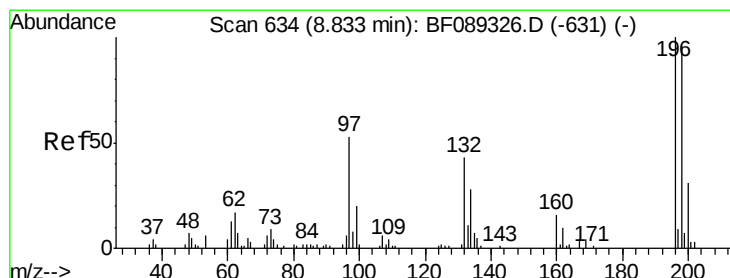
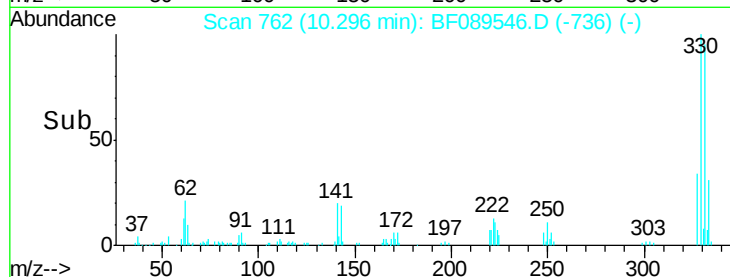
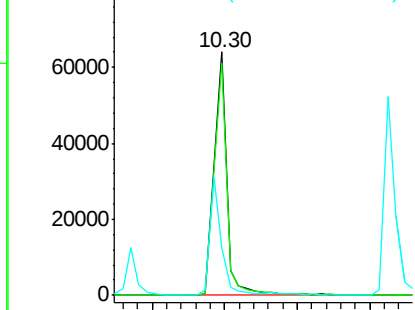
#41
 2,4,6-Tribromophenol
 Concen: 142.01 ng
 RT: 10.30 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF089546.D
 Acq: 2 Aug 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-52-13.0-14.0MS

Tot Ion:330 Resp: 78805
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.8 115.2
 141 44.0 37.3 55.9

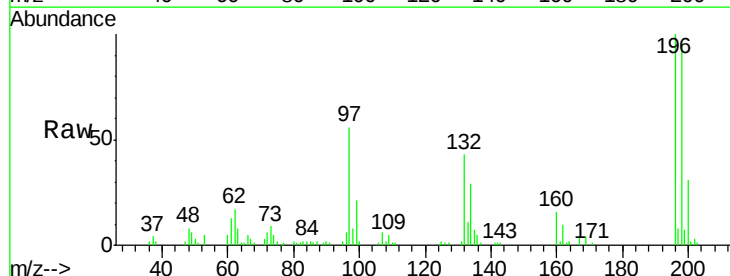


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

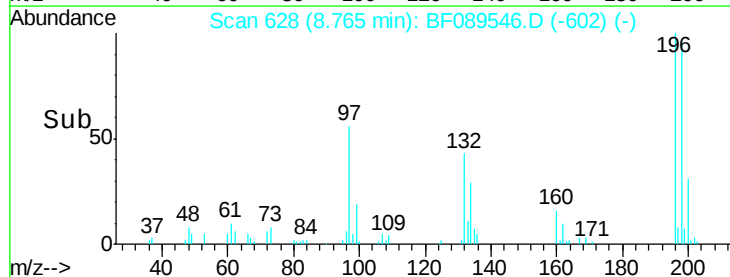
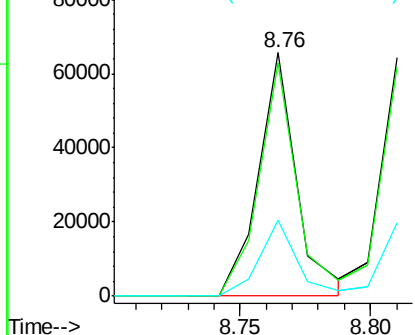


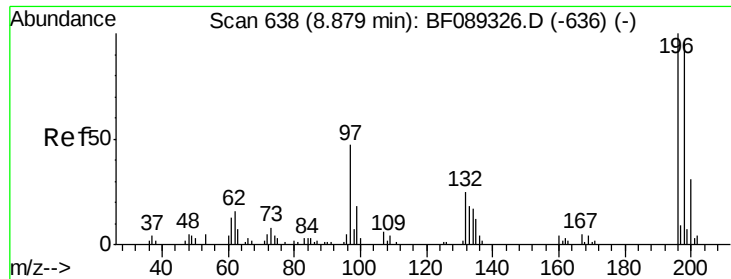
#42
 2,4,6-Trichlorophenol
 Concen: 60.02 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF089546.D
 Acq: 2 Aug 2016 14:43

Tgt Ion:196 Resp: 66911
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.5 113.3
 200 31.1 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

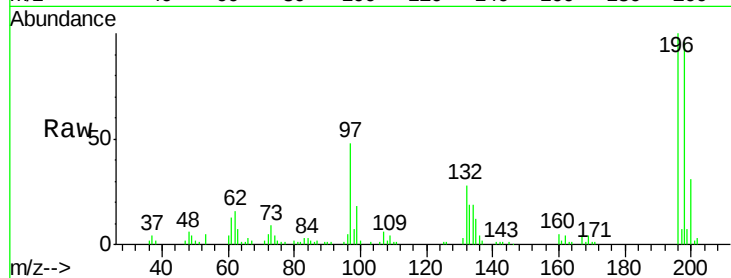




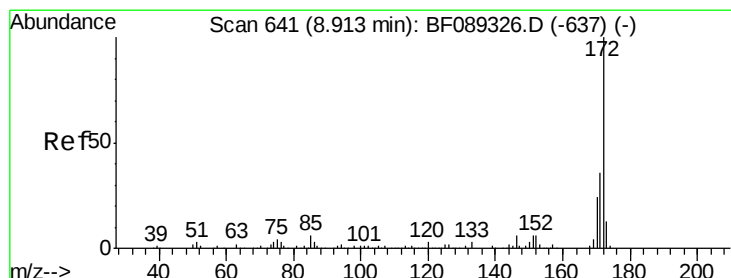
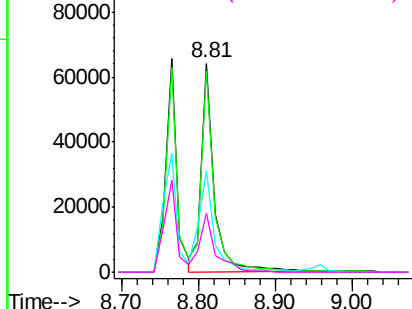
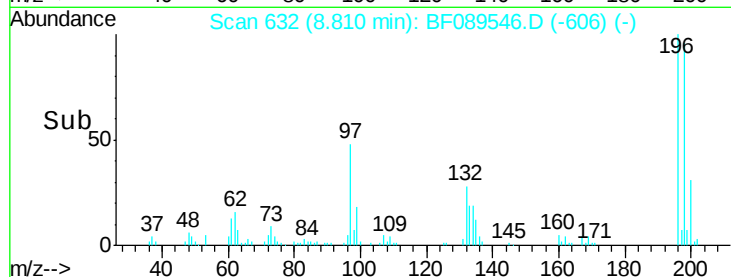
#43
 2,4,5-Trichlorophenol
 Concen: 52.31 ng
 RT: 8.81 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF089546.D
 Acq: 2 Aug 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-52-13.0-14.0MS

Tot Ion:196 Resp: 73860
 Ion Ratio Lower Upper
 196 100
 198 96.3 78.7 118.1
 97 48.3 39.7 59.5
 132 28.4 22.8 34.2

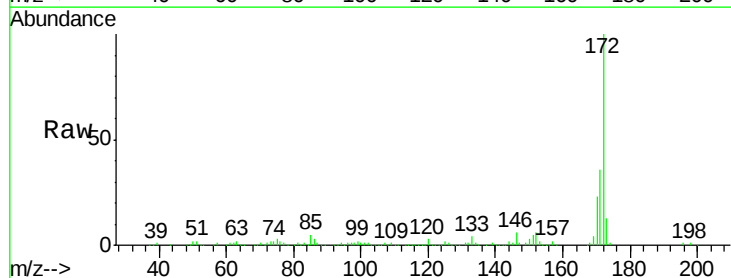


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

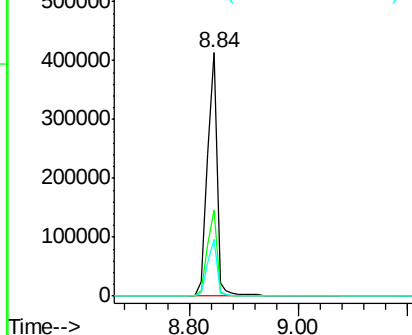
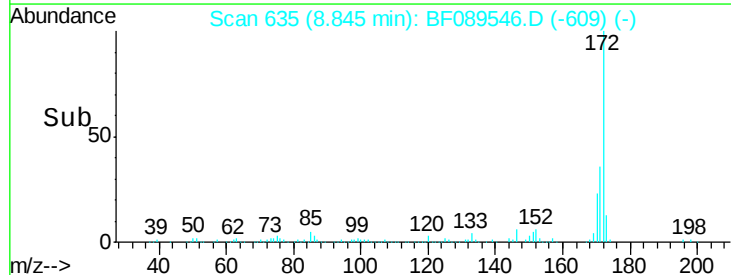


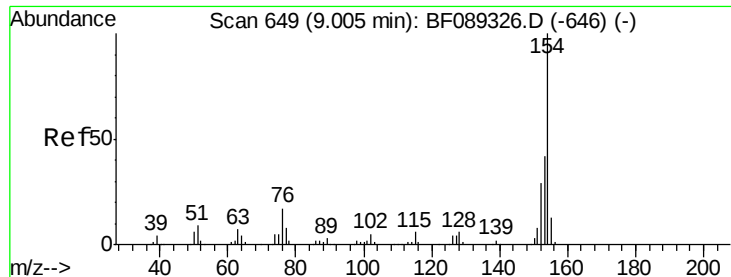
#44
 2-Fluorobiphenyl
 Concen: 110.39 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF089546.D
 Acq: 2 Aug 2016 14:43

Tgt Ion:172 Resp: 504023
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.2 43.8
 170 23.4 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

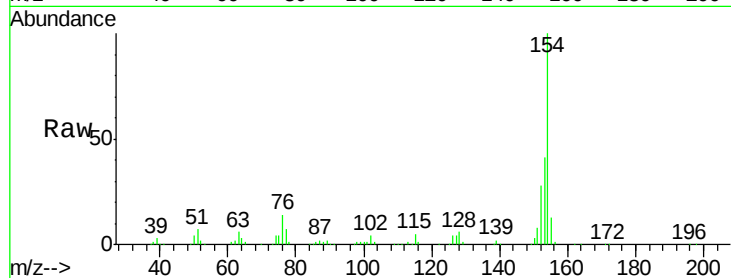




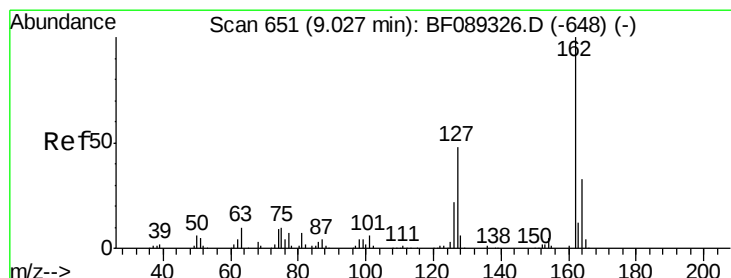
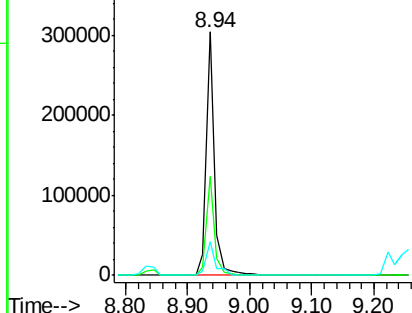
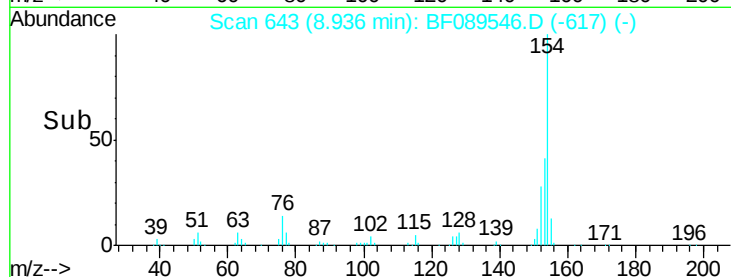
#45
 1,1'-Biphenyl
 Concen: 49.21 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF089546.D
 Acq: 2 Aug 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-52-13.0-14.0MS

Tot Ion:154 Resp: 280733
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.0 61.0
 76 14.0 0.0 36.6

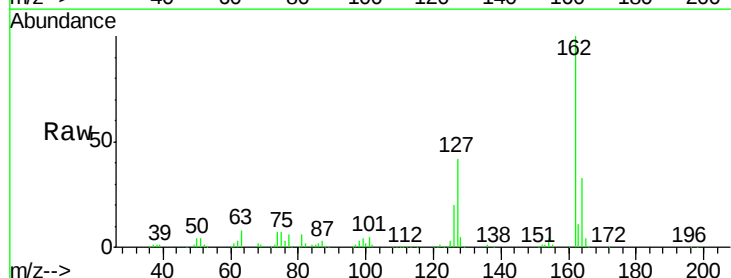


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

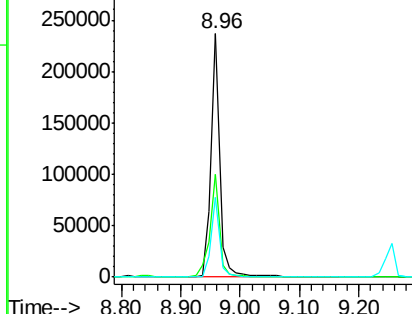
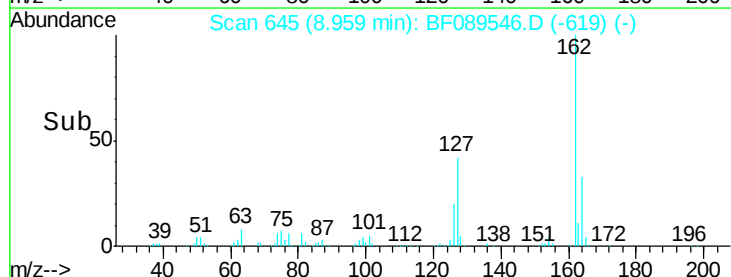


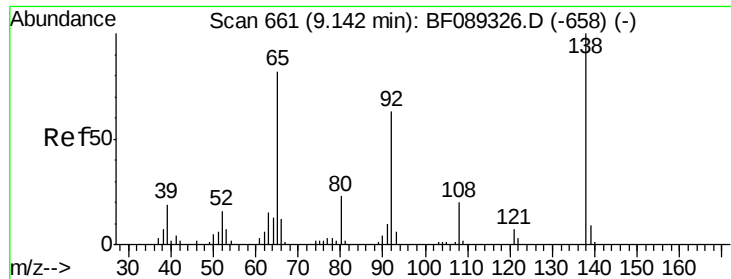
#46
 2-Chloronaphthalene
 Concen: 57.35 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF089546.D
 Acq: 2 Aug 2016 14:43

Tgt Ion:162 Resp: 245726
 Ion Ratio Lower Upper
 162 100
 127 42.5 37.8 56.8
 164 32.6 25.8 38.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

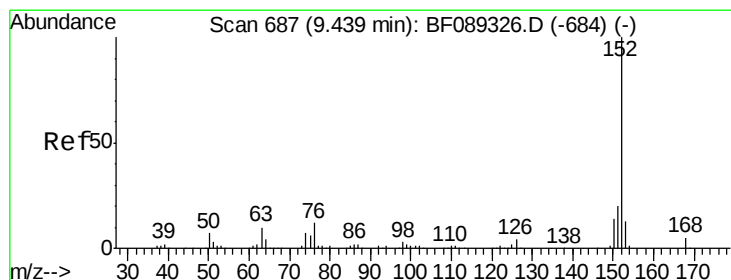
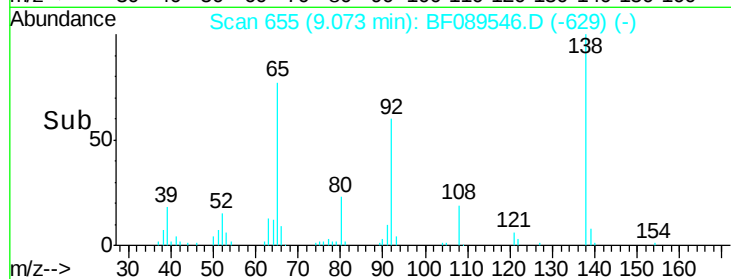
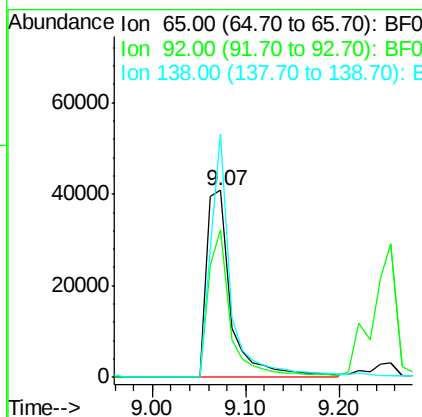
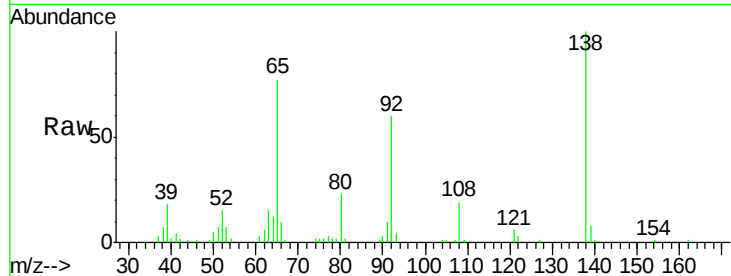




#47
2-Nitroaniline
Concen: 59.27 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

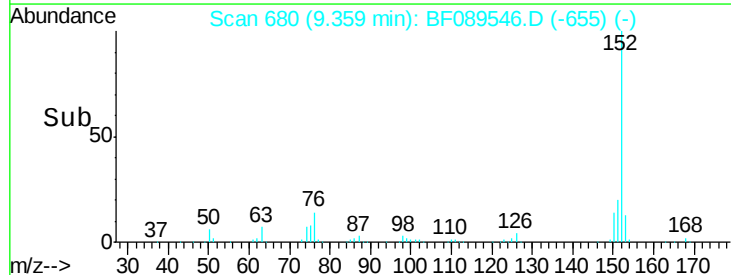
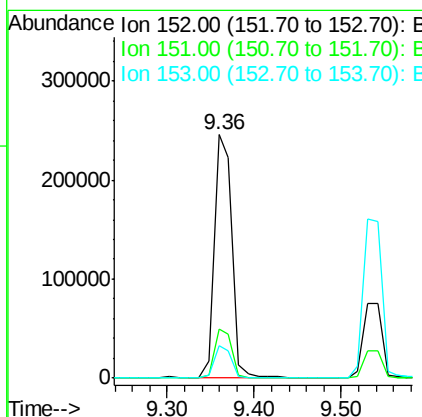
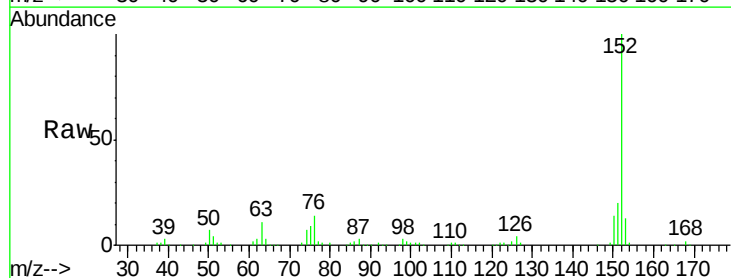
Instrument :
BNA_F
ClientSampleId :
SB-52-13.0-14.0MS

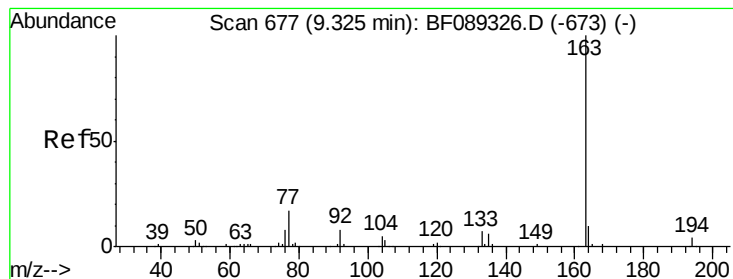
Tot Ion: 65 Resp: 75198
Ion Ratio Lower Upper
65 100
92 78.9 61.0 91.4
138 130.3 99.1 148.7



#48
Acenaphthylene
Concen: 52.27 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

Tgt Ion: 152 Resp: 352739
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 75.60 ng

RT: 9.26 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0MS

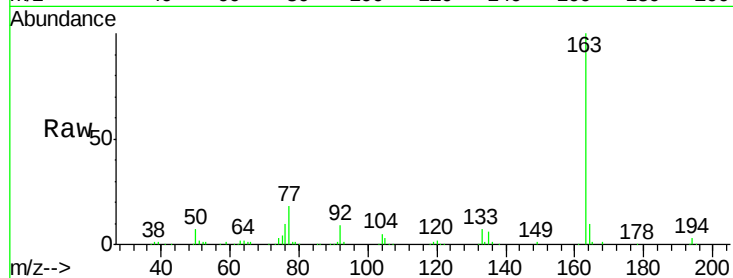
Tot Ion:163 Resp: 385531

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

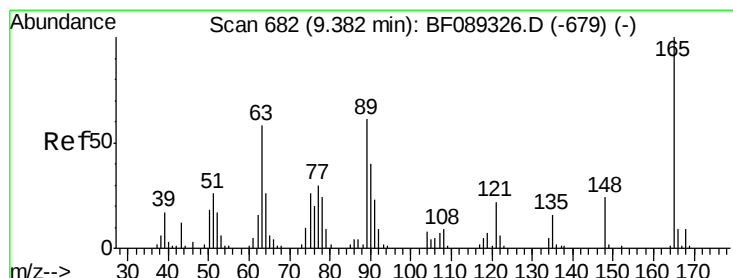
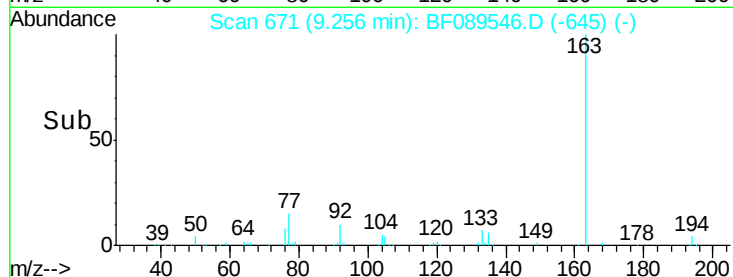
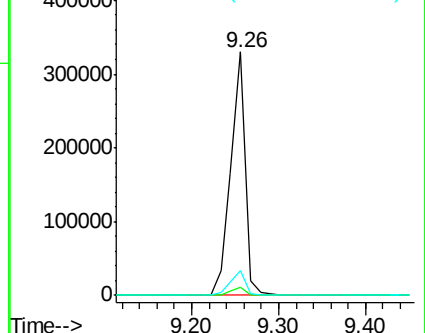
164 9.9 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 58.13 ng

RT: 9.31 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

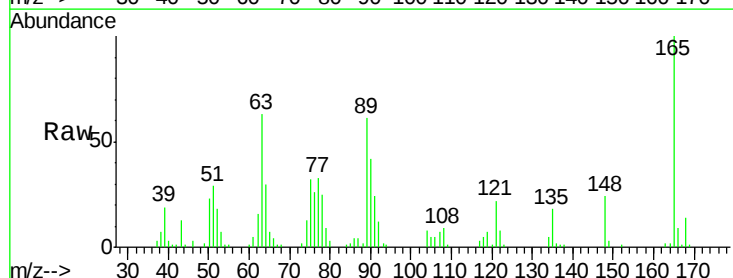
Tgt Ion:165 Resp: 60909

Ion Ratio Lower Upper

165 100

63 62.8 43.5 65.3

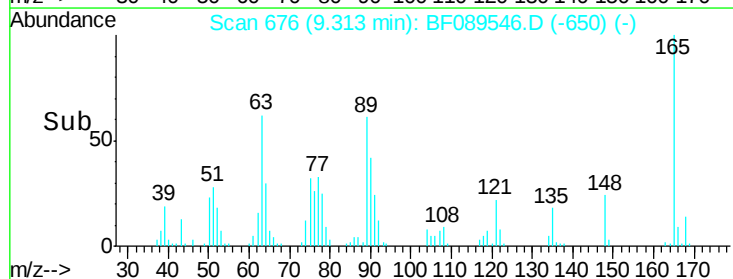
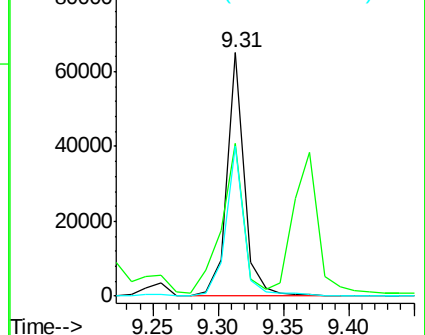
89 61.4 45.0 67.4

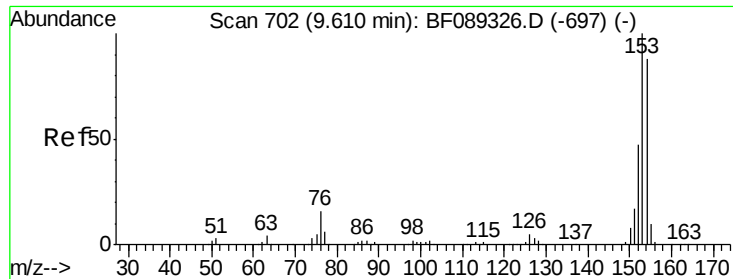


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 52.50 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0MS

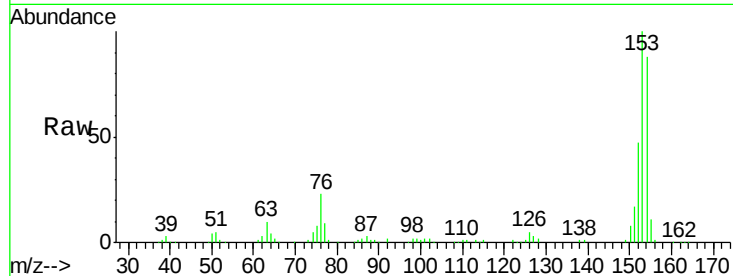
Tot Ion:154 Resp: 206890

Ion Ratio Lower Upper

154 100

153 114.1 91.4 137.2

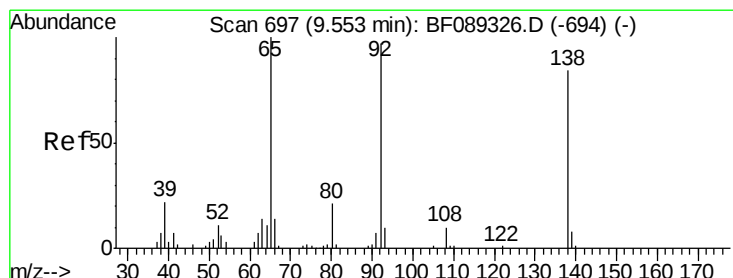
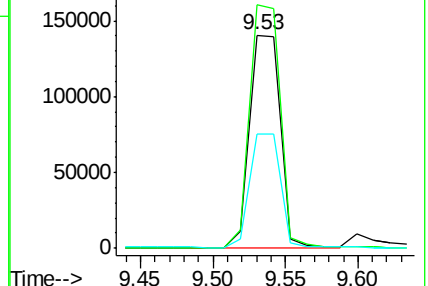
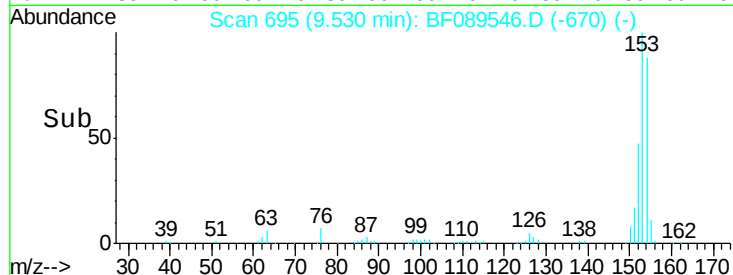
152 53.4 43.8 65.6



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: 46.33 ng

RT: 9.48 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

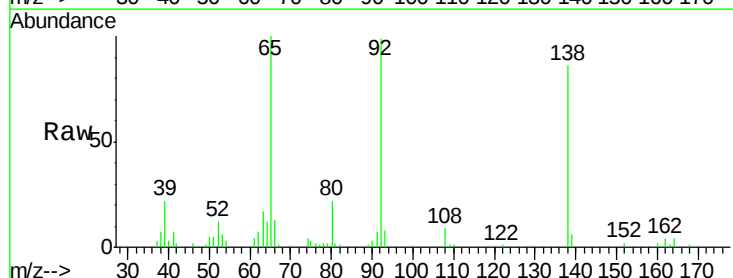
Tgt Ion:138 Resp: 51225

Ion Ratio Lower Upper

138 100

108 10.8 8.6 13.0

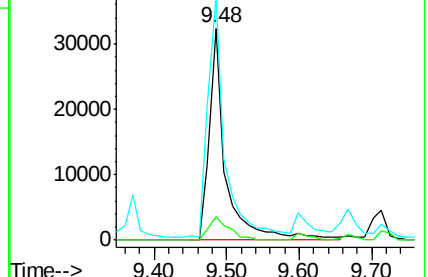
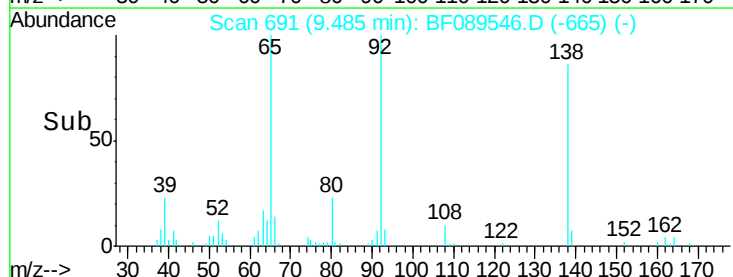
92 114.7 90.0 135.0

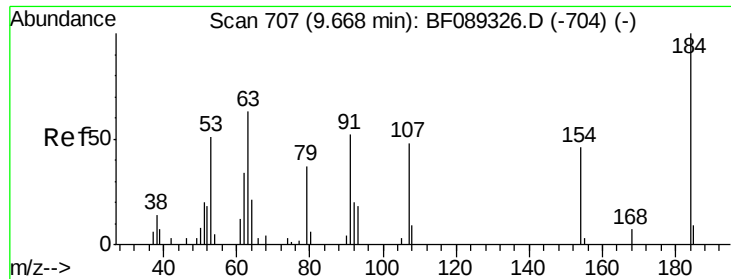


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

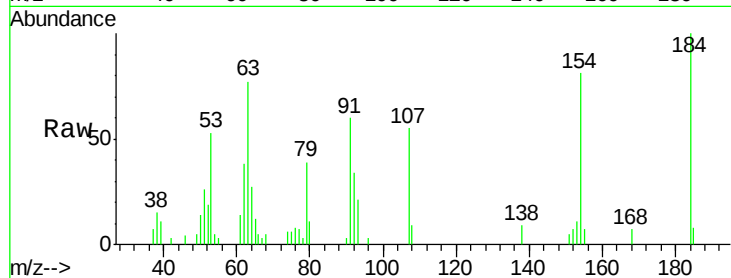




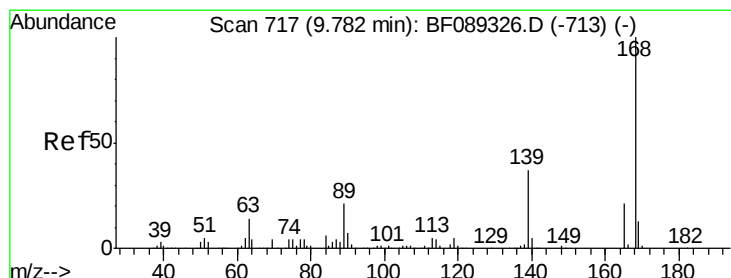
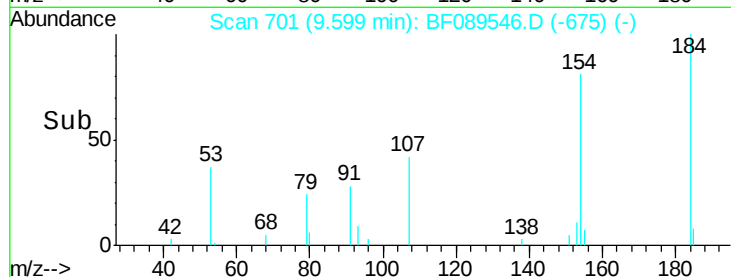
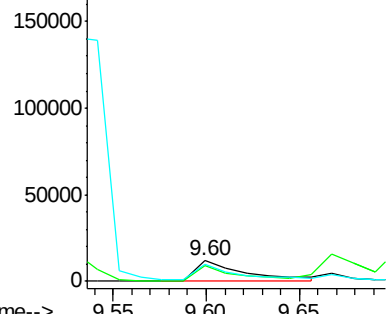
#53
 2,4-Dinitrophenol
 Concen: 54.21 ng
 RT: 9.60 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF089546.D
 Acq: 2 Aug 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-52-13.0-14.0MS

Tot Ion:184 Resp: 21565
 Ion Ratio Lower Upper
 184 100
 63 76.9 60.6 90.8
 154 81.4 69.8 104.8

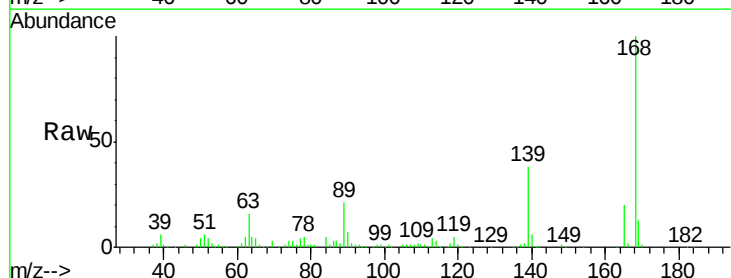


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

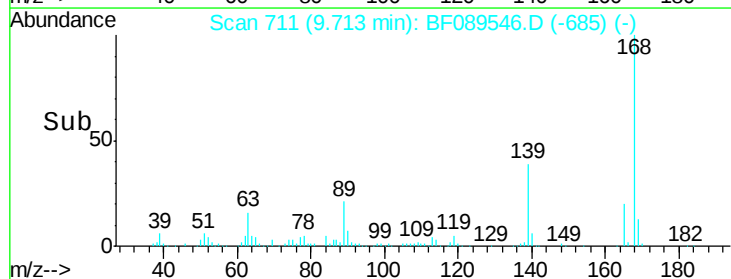
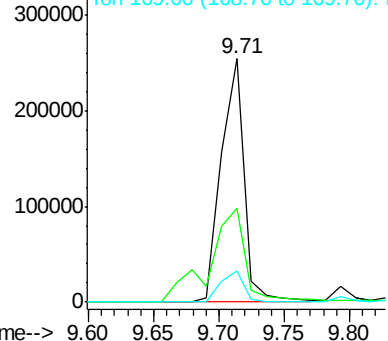


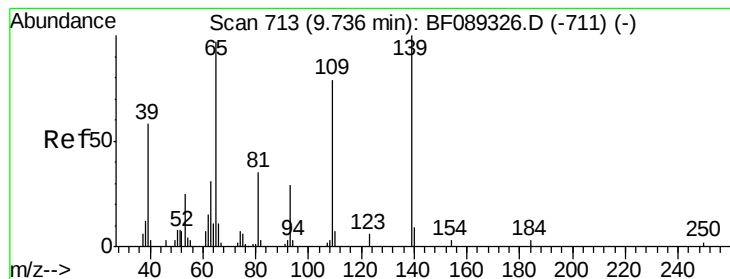
#54
 Dibenzofuran
 Concen: 57.91 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF089546.D
 Acq: 2 Aug 2016 14:43

Tgt Ion:168 Resp: 310958
 Ion Ratio Lower Upper
 168 100
 139 38.5 33.7 50.5
 169 13.0 10.7 16.1



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





#55

4-Nitrophenol

Concen: 88.20 ng/mL

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0MS

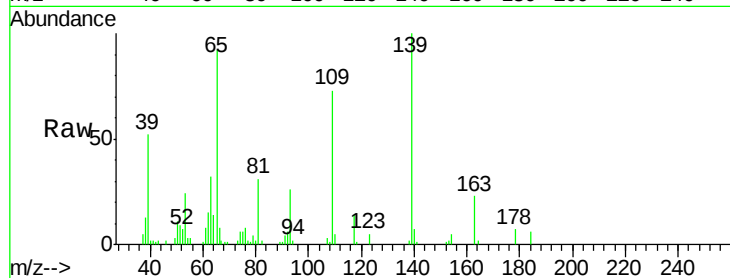
Tot Ion:139 Resp: 47865

Ion Ratio Lower Upper

139 100

109 73.4 57.8 97.8

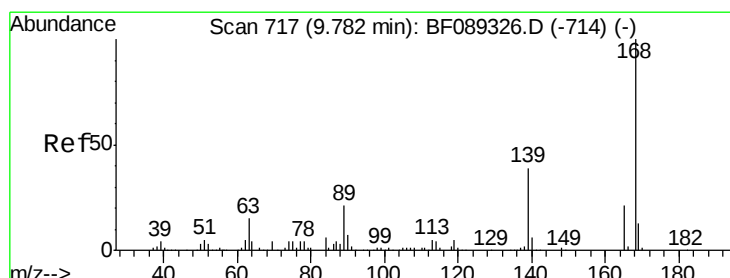
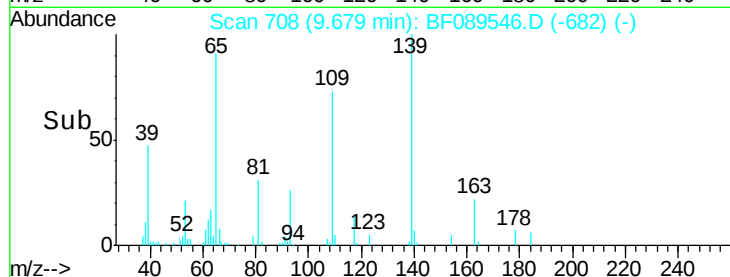
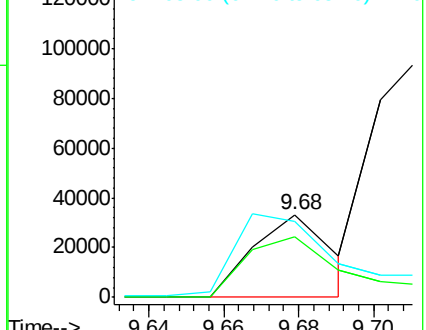
65 92.3 81.7 121.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 53.03 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Tgt Ion:165 Resp: 73142

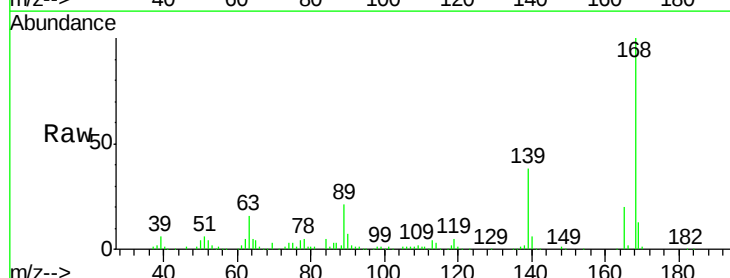
Ion Ratio Lower Upper

165 100

63 82.5 58.2 87.2

89 107.7 79.1 118.7

182 2.0 1.8 2.8

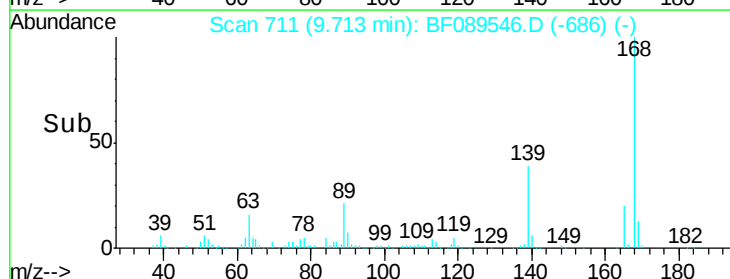
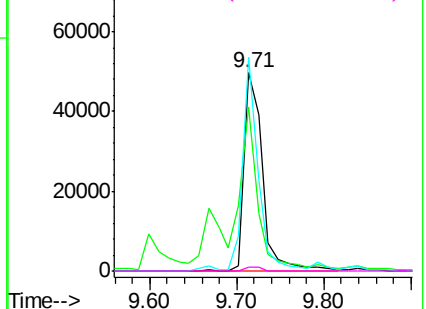


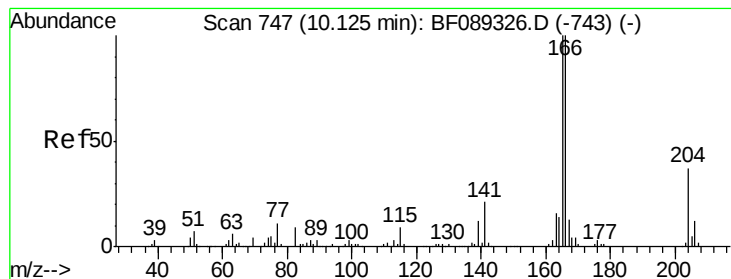
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 48.90 ng

RT: 10.04 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0MS

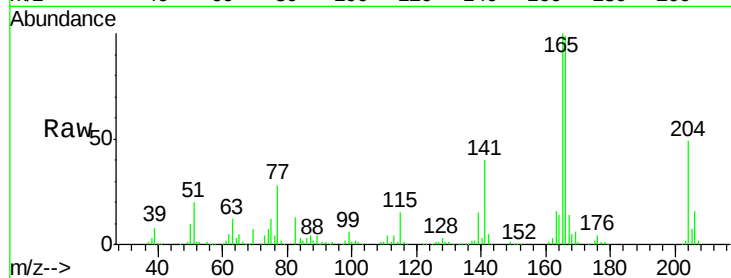
Tot Ion:166 Resp: 229221

Ion Ratio Lower Upper

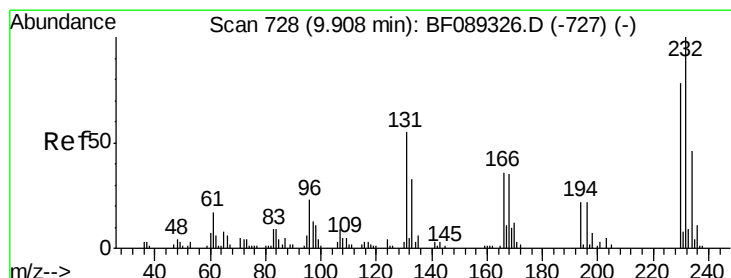
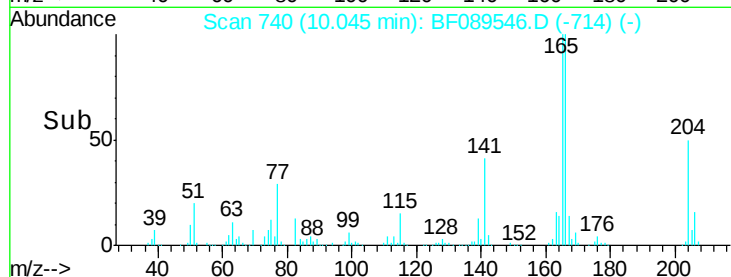
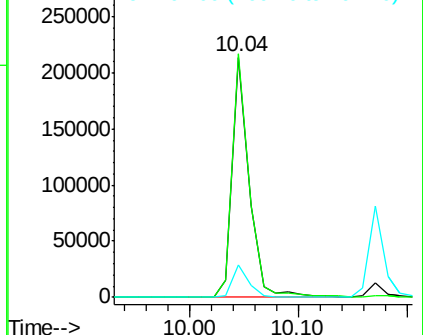
166 100

165 101.4 79.0 118.4

167 13.8 10.2 15.2



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: 63.80 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Tgt Ion:232 Resp: 60148

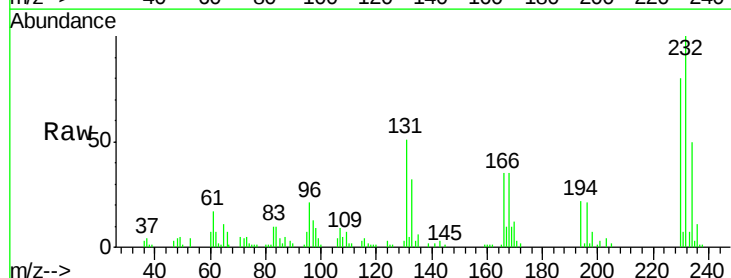
Ion Ratio Lower Upper

232 100

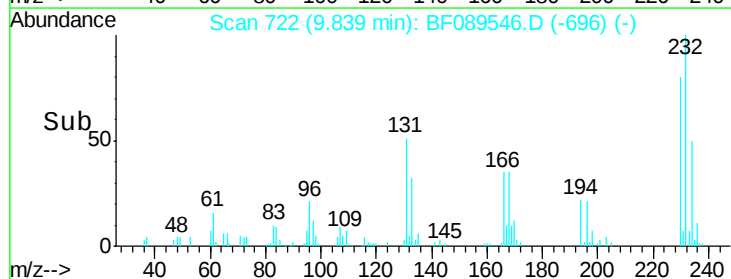
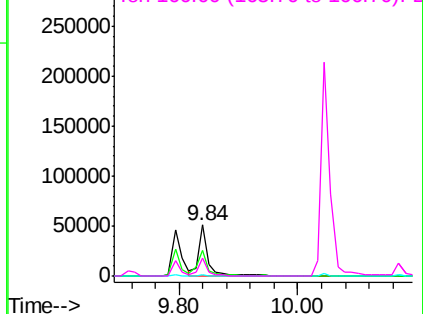
131 51.6 42.7 64.1

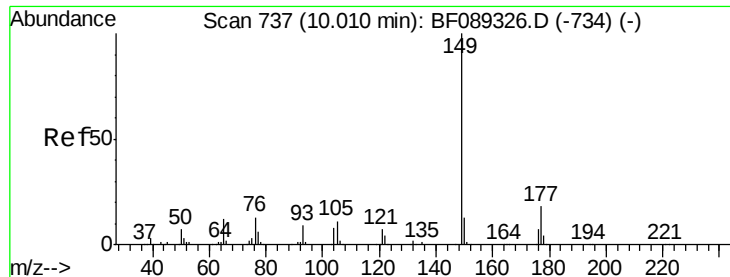
130 2.5 1.7 2.5

166 30.9 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

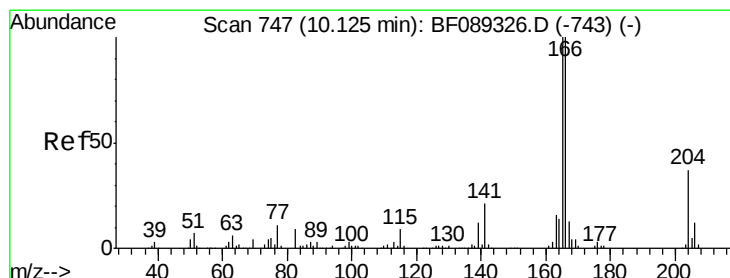
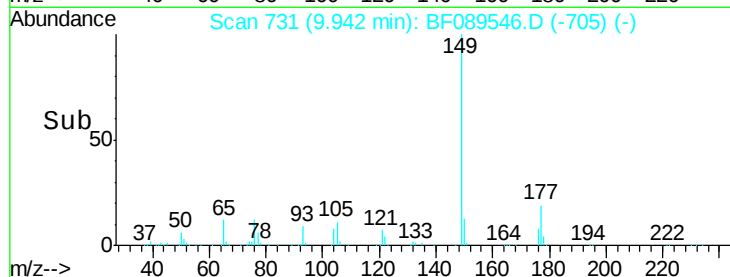
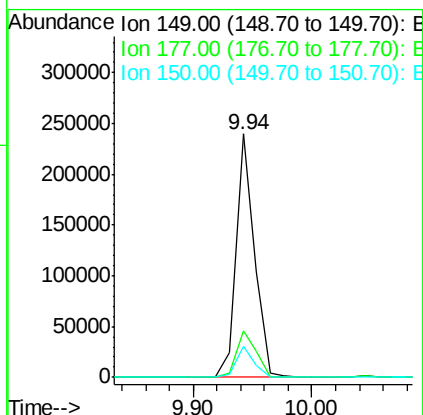
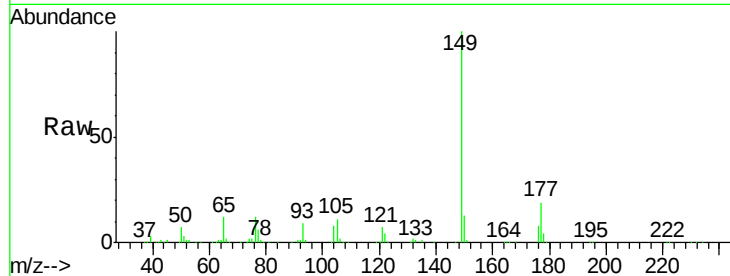




#59
Diethylphthalate
Concen: 50.10 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

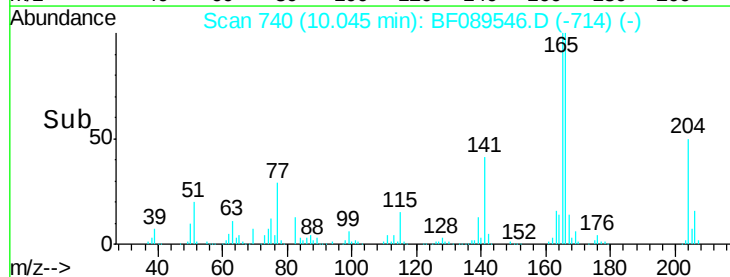
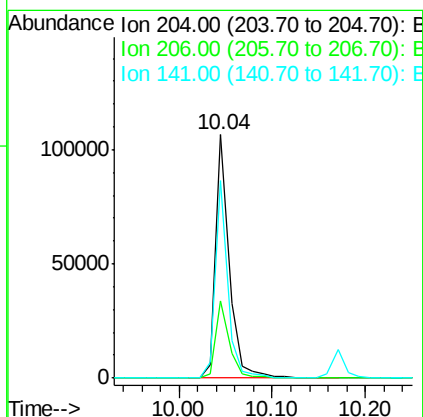
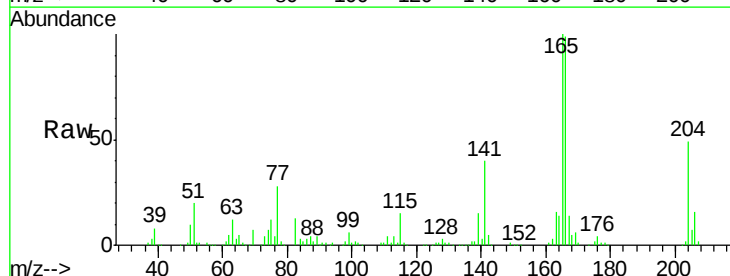
Instrument :
BNA_F
ClientSampleId :
SB-52-13.0-14.0MS

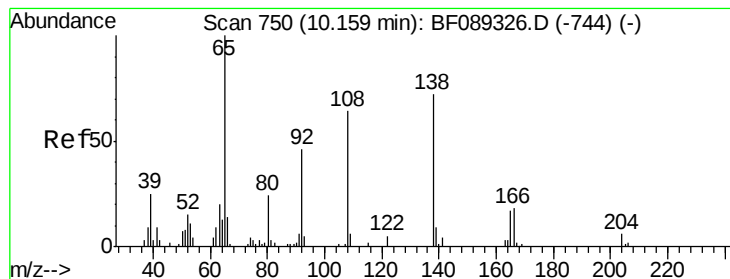
Tot Ion:149 Resp: 259023
Ion Ratio Lower Upper
149 100
177 18.9 15.1 22.7
150 12.8 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 50.12 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

Tgt Ion:204 Resp: 107780
Ion Ratio Lower Upper
204 100
206 31.7 26.6 39.8
141 81.4 46.6 70.0#





#61

4-Nitroaniline

Concen: 46.45 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0MS

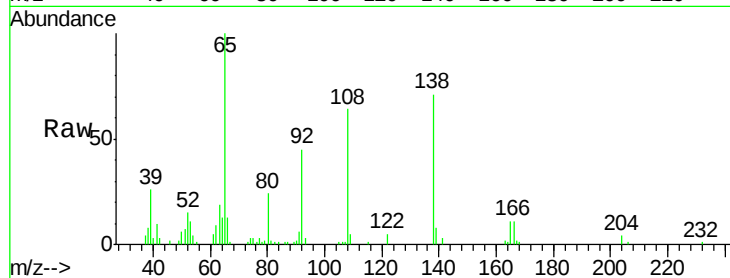
Tot Ion:138 Resp: 52943

Ion Ratio Lower Upper

138 100

92 62.8 41.2 81.2

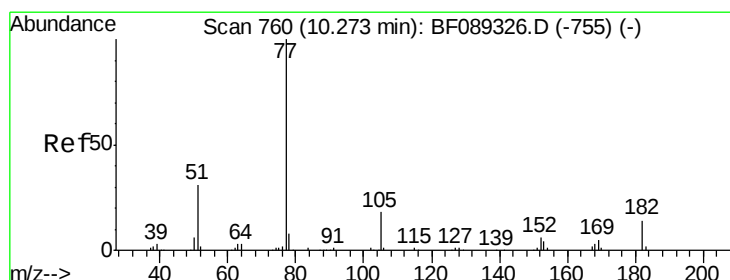
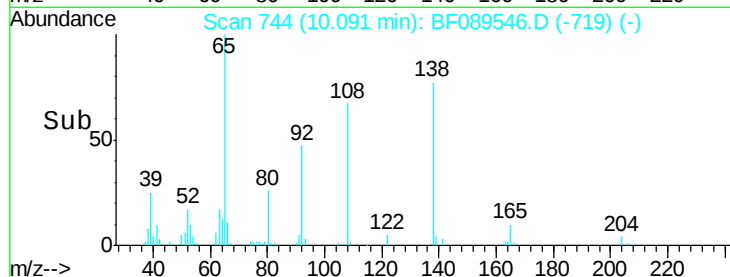
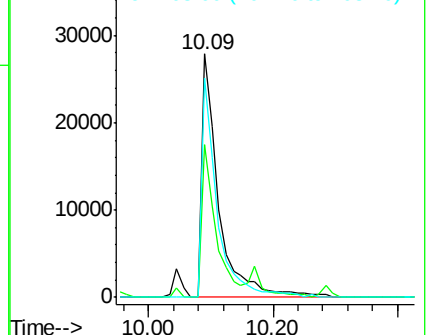
108 90.2 69.6 109.6



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: 56.77 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Tgt Ion: 77 Resp: 302237

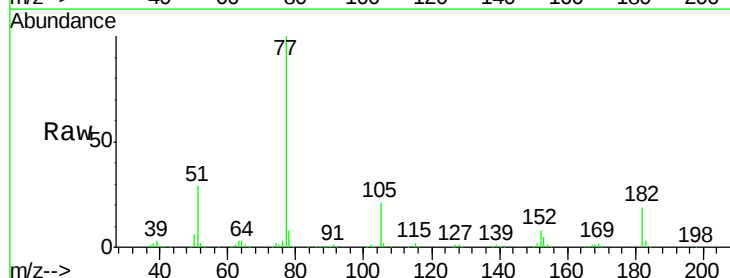
Ion Ratio Lower Upper

77 100

182 18.9 0.0 33.8

105 21.1 0.0 39.8

51 28.6 11.0 51.0

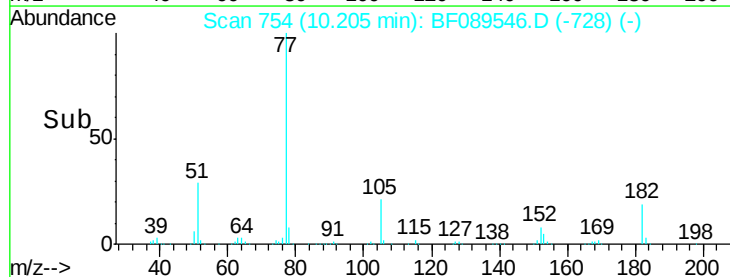
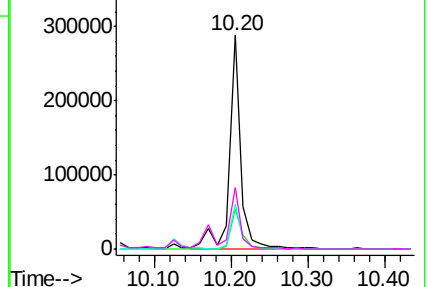


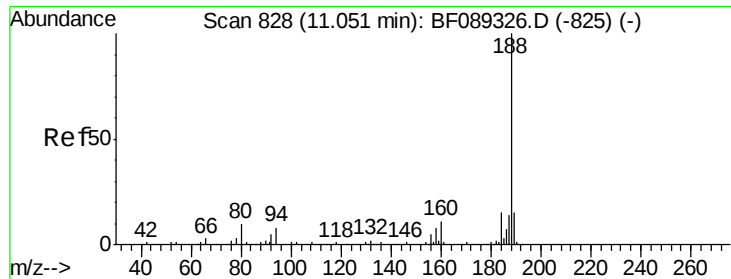
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

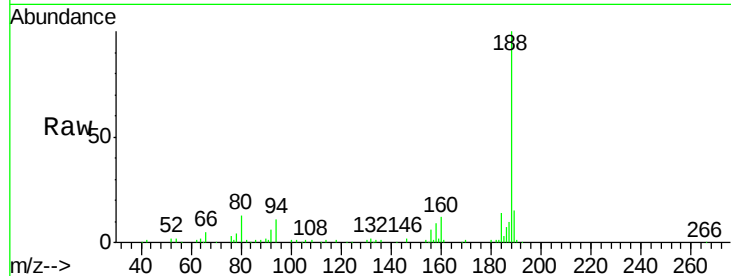




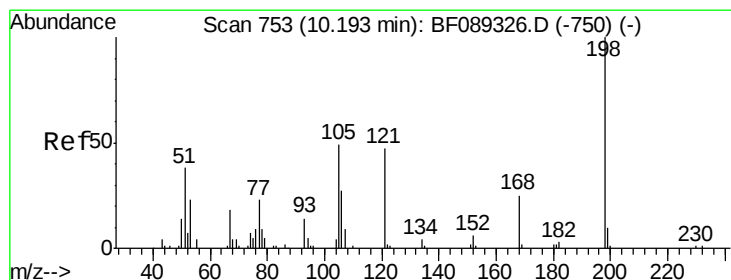
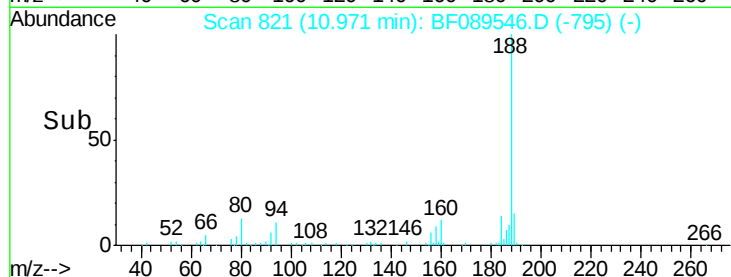
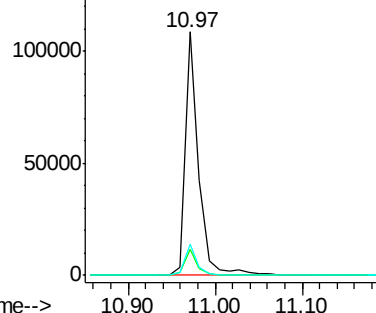
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

Instrument :
BNA_F
ClientSampleId :
SB-52-13.0-14.0MS

Tot Ion:188 Resp: 117098
Ion Ratio Lower Upper
188 100
94 10.5 6.5 9.7#
80 12.7 7.2 10.8#

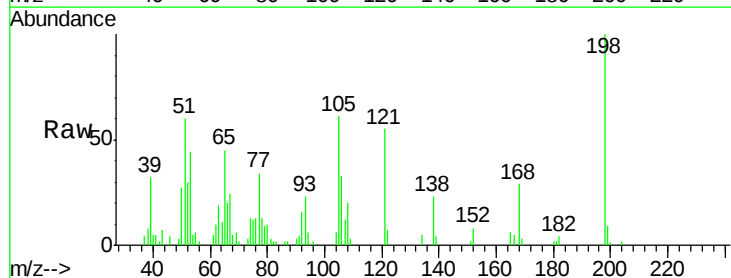


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

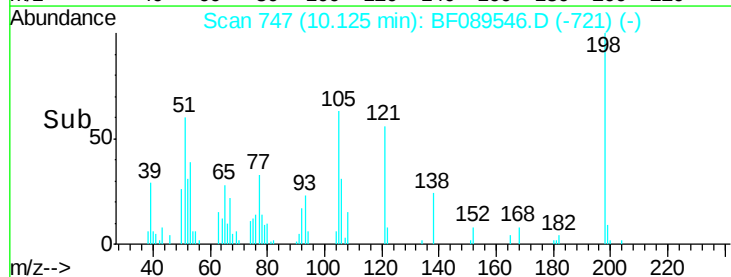
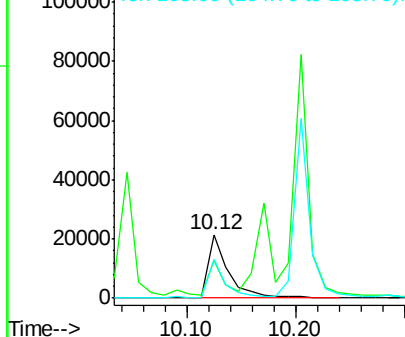


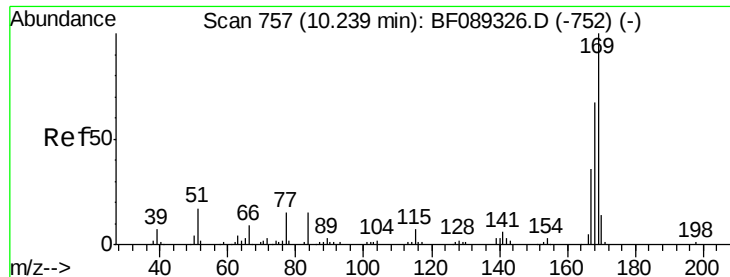
#64
4,6-Dinitro-2-methylphenol
Concen: 40.10 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

Tgt Ion:198 Resp: 27782
Ion Ratio Lower Upper
198 100
51 59.7 23.0 63.0
105 61.3 28.3 68.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 59.57 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0MS

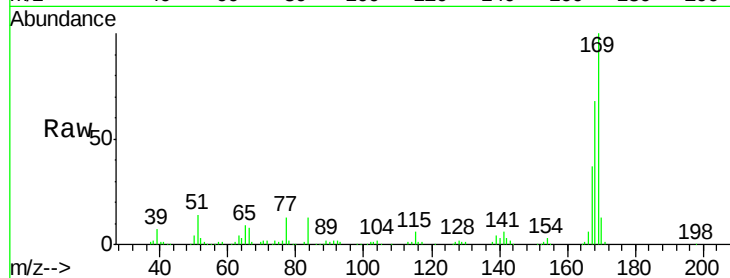
Tot Ion:169 Resp: 217666

Ion Ratio Lower Upper

169 100

168 68.3 55.4 83.0

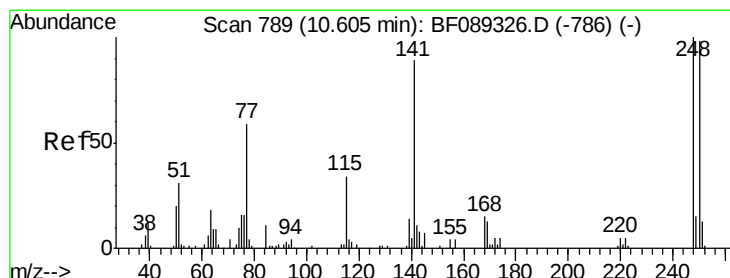
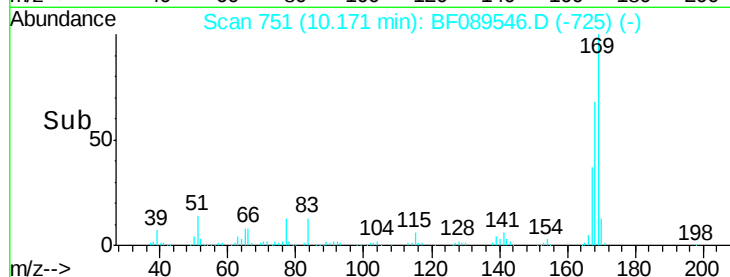
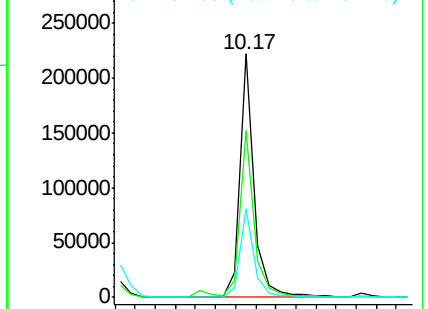
167 36.6 29.7 44.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 52.25 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

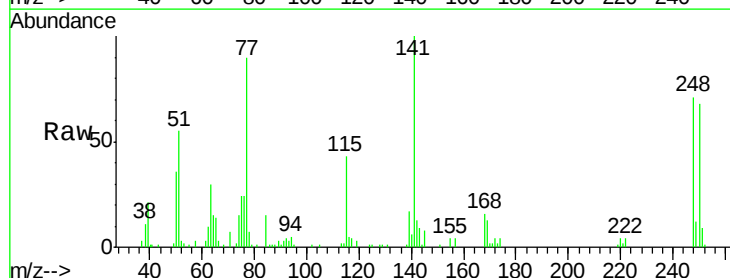
Tgt Ion:248 Resp: 58420

Ion Ratio Lower Upper

248 100

250 96.3 78.2 117.2

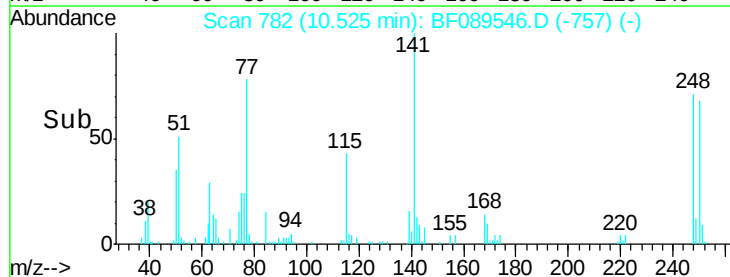
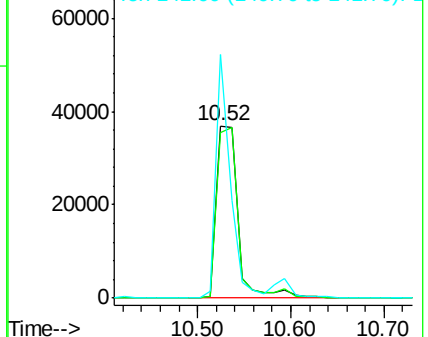
141 141.5 62.0 93.0#

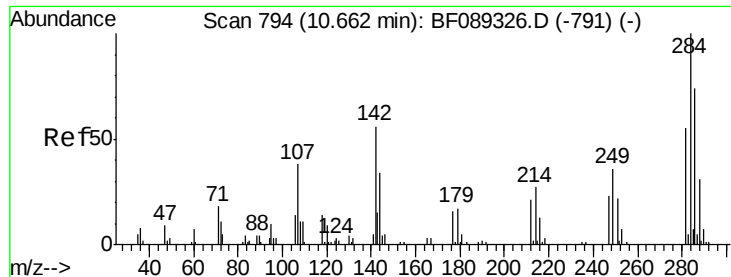


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

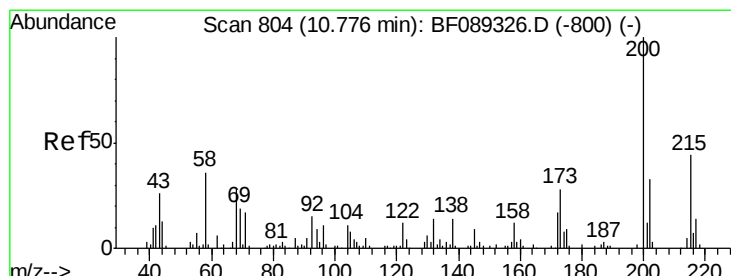
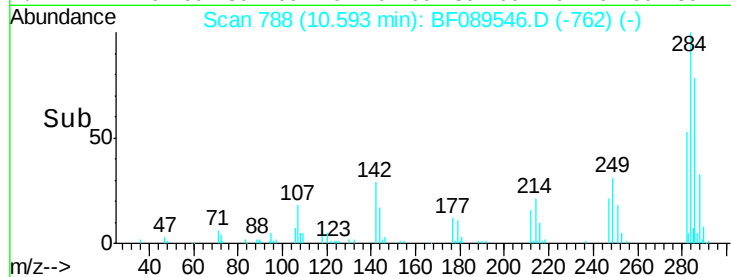
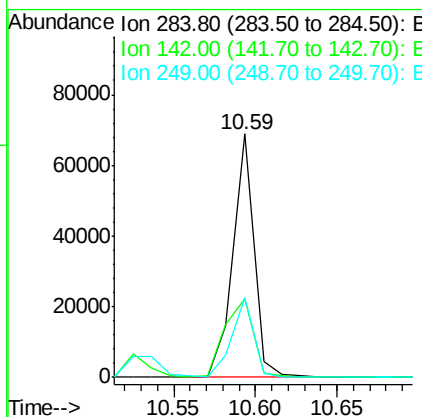
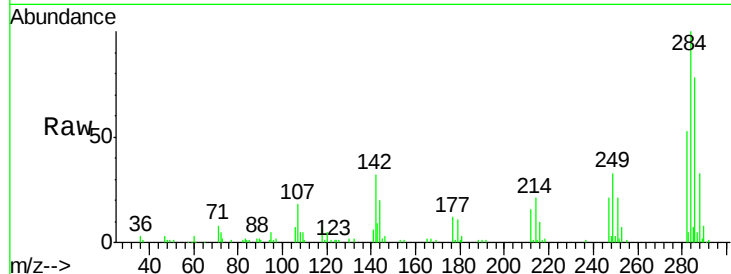




#67
 Hexachlorobenzene
 Concen: 53.47 ng
 RT: 10.59 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF089546.D
 Acq: 2 Aug 2016 14:43

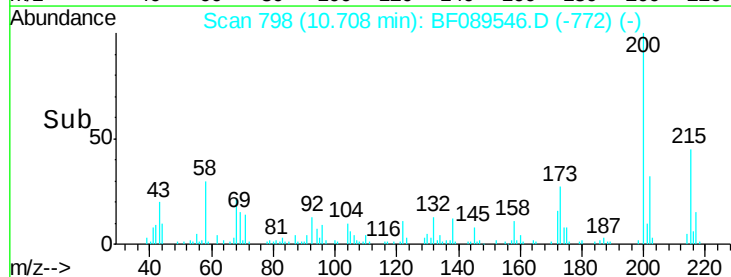
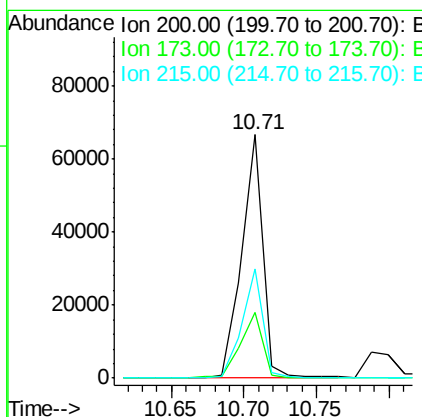
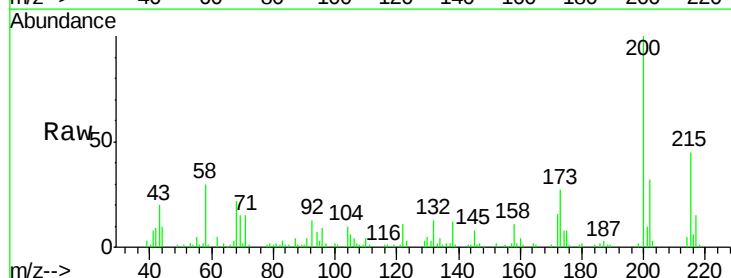
Instrument :
 BNA_F
 ClientSampleId :
 SB-52-13.0-14.0MS

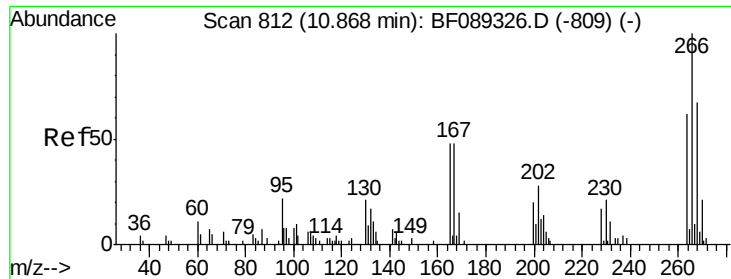
Tot Ion	Ratio	Lower	Upper
284	100		
142	32.5	42.2	63.4#
249	32.7	29.4	44.0



#68
 Atrazine
 Concen: 60.36 ng
 RT: 10.71 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF089546.D
 Acq: 2 Aug 2016 14:43

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.0	46.0
215	44.9	24.3	64.3

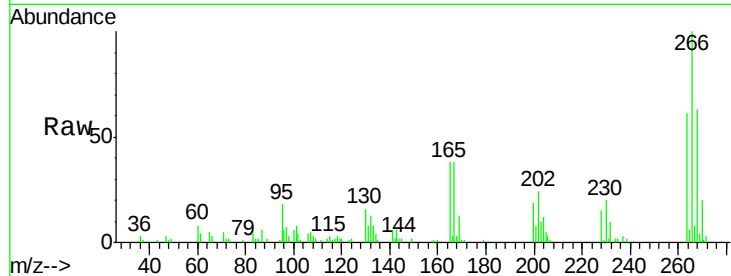




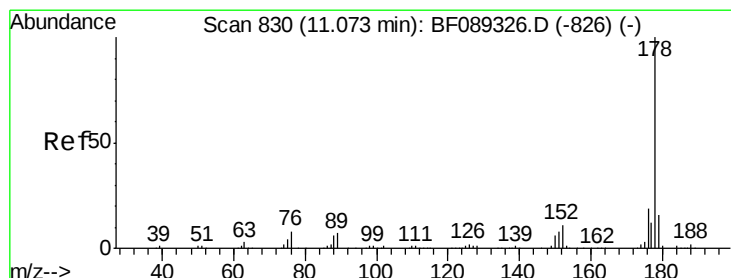
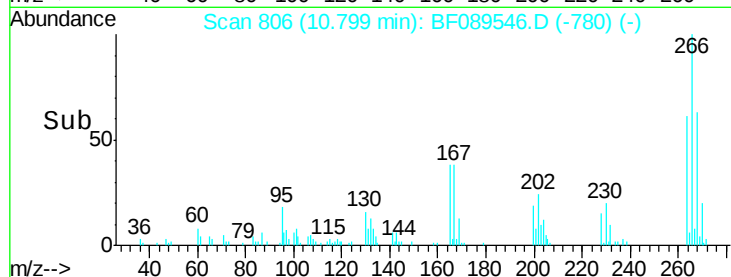
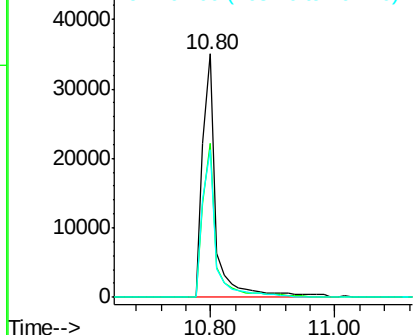
#69
 Pentachlorophenol
 Concen: 94.83 ng
 RT: 10.80 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF089546.D
 Acq: 2 Aug 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-52-13.0-14.0MS

Tot Ion:266 Resp: 53316
 Ion Ratio Lower Upper
 266 100
 268 63.2 49.4 74.2
 264 60.8 50.2 75.2

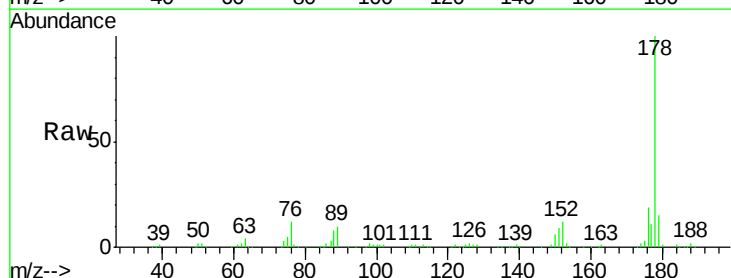


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

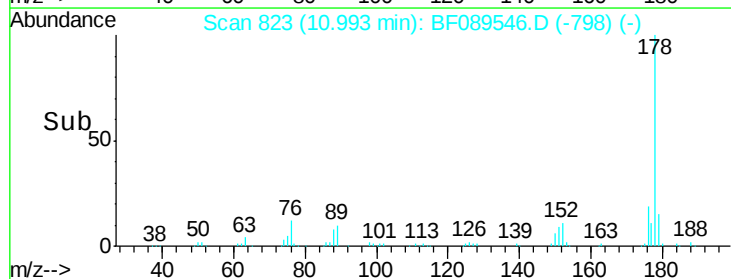
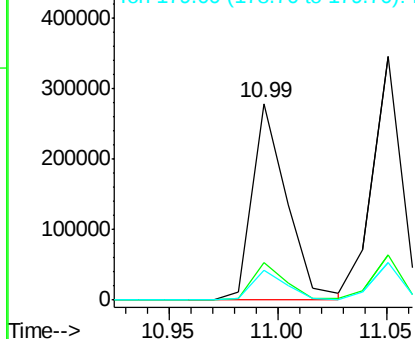


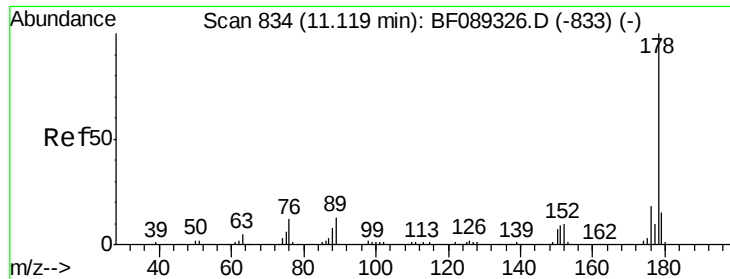
#70
 Phenanthrene
 Concen: 50.97 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF089546.D
 Acq: 2 Aug 2016 14:43

Tgt Ion:178 Resp: 307792
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.5 23.3
 179 15.4 12.3 18.5



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

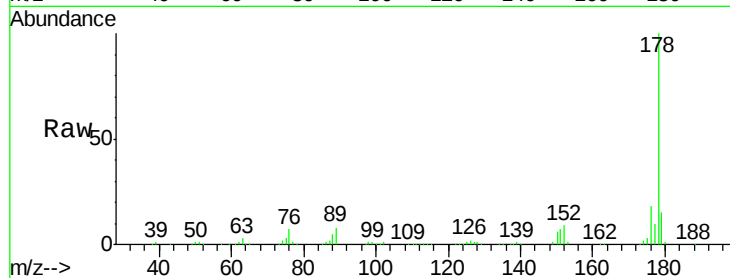




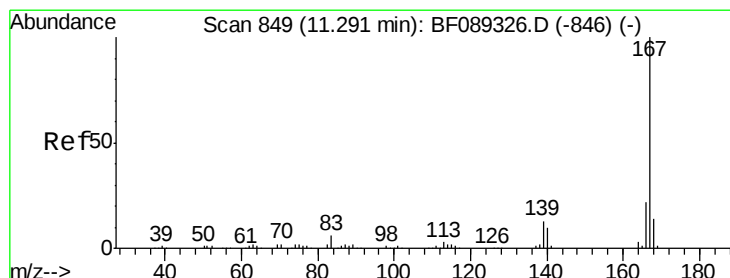
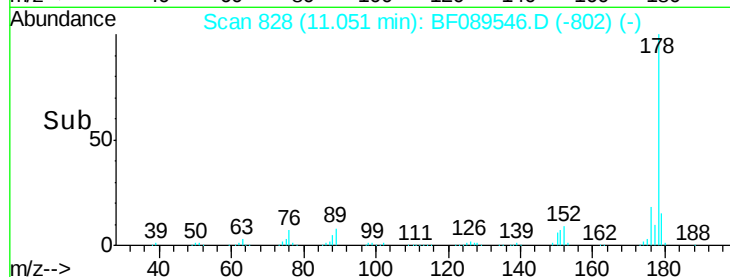
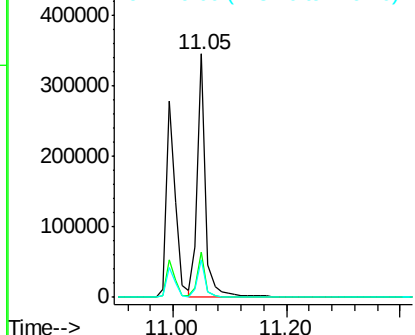
#71
 Anthracene
 Concen: 52.04 ng
 RT: 11.05 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF089546.D
 Acq: 2 Aug 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-52-13.0-14.0MS

Tot Ion:178 Resp: 349441
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.8 22.2
 179 15.5 12.6 18.8

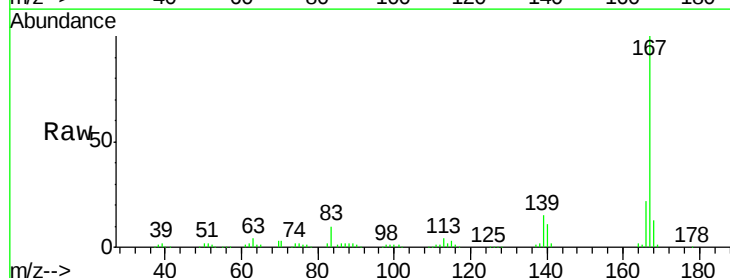


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

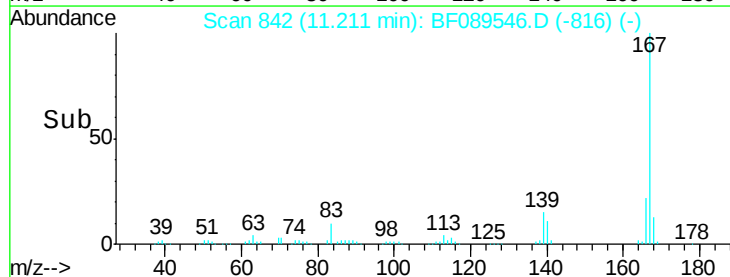
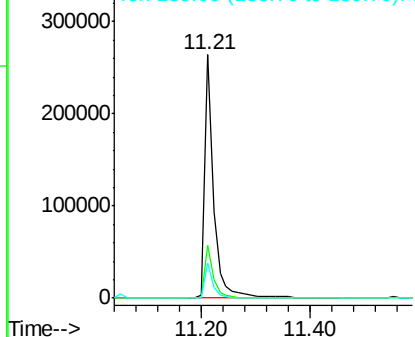


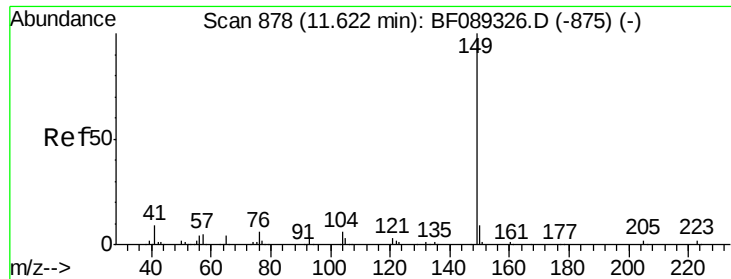
#72
 Carbazole
 Concen: 52.97 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF089546.D
 Acq: 2 Aug 2016 14:43

Tgt Ion:167 Resp: 299409
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 14.5 10.1 15.1



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





#73

Di-n-butylphthalate

Concen: 49.34 ng

RT: 11.55 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0MS

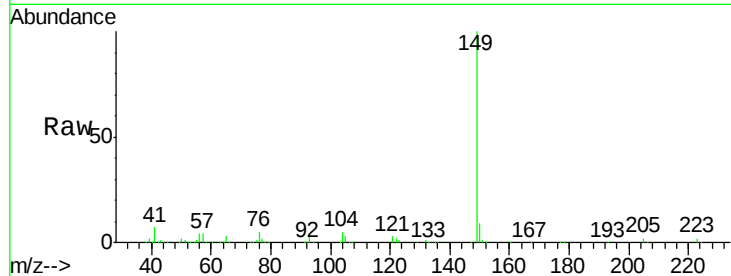
Tot Ion:149 Resp: 374150

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

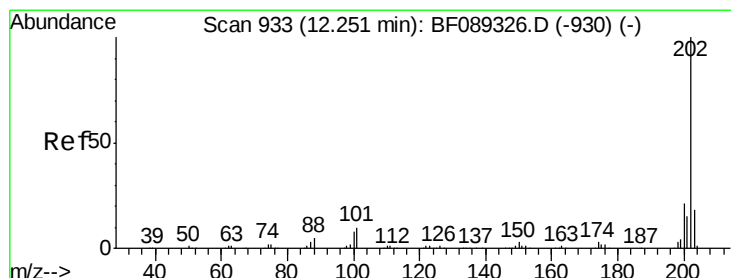
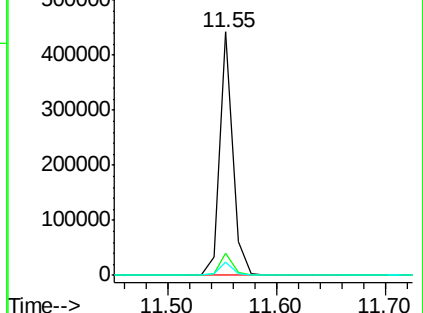
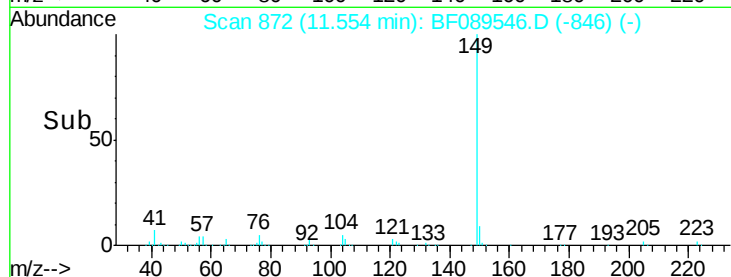
104 5.4 4.7 7.1



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: 45.39 ng

RT: 12.17 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

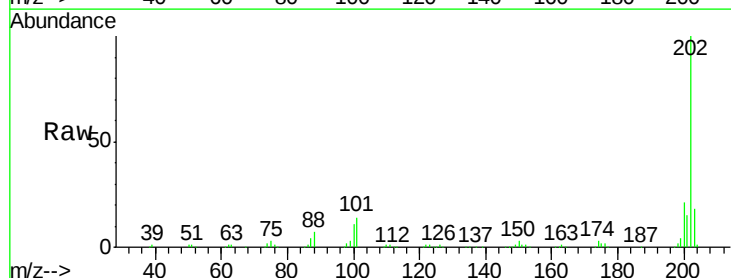
Tgt Ion:202 Resp: 288350

Ion Ratio Lower Upper

202 100

101 14.4 0.0 29.9

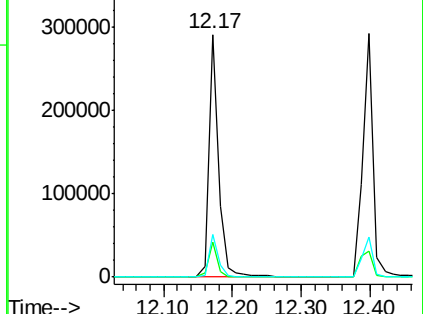
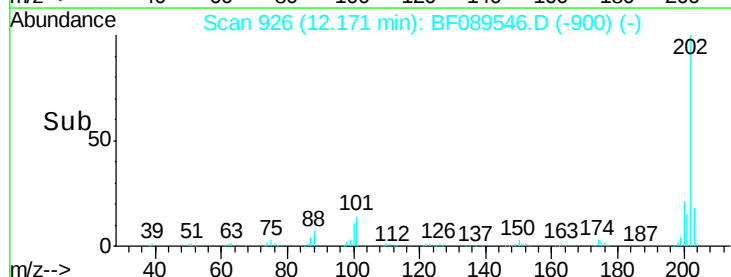
203 17.7 0.0 37.3



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: 13.59 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0MS

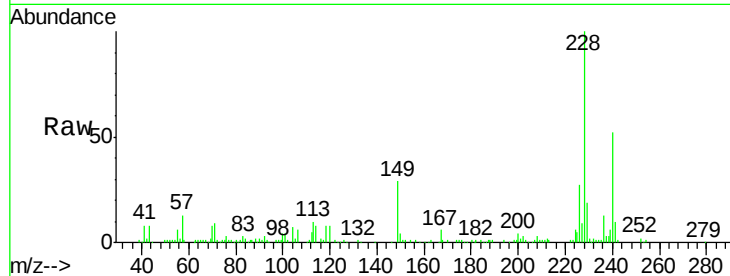
Tot Ion:240 Resp: 74848

Ion Ratio Lower Upper

240 100

120 16.1 9.1 13.7#

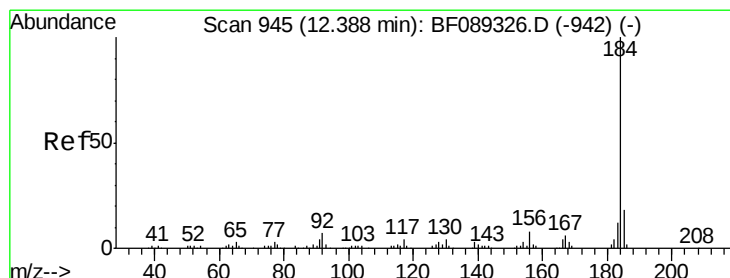
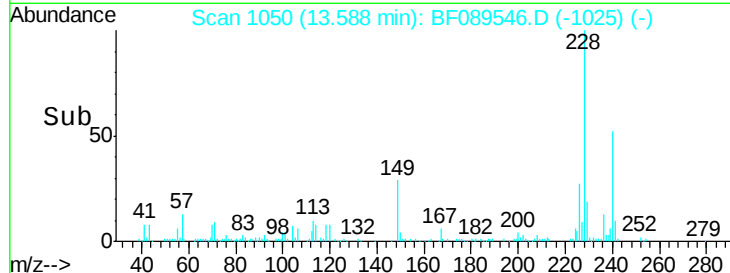
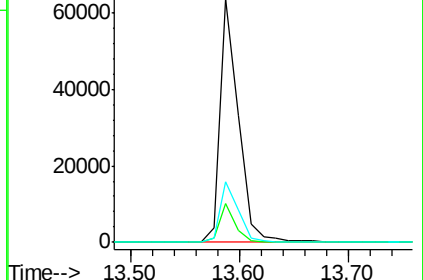
236 25.0 20.6 30.8



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: 59.90 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

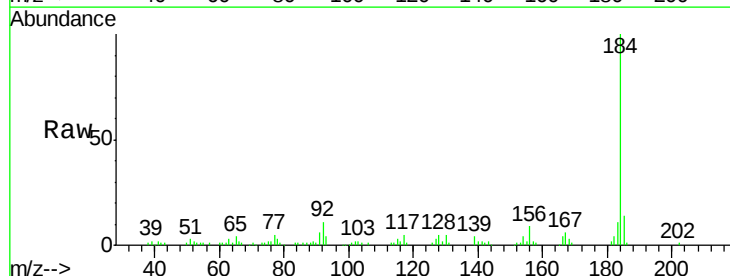
Tgt Ion:184 Resp: 165655

Ion Ratio Lower Upper

184 100

185 14.5 13.5 20.3

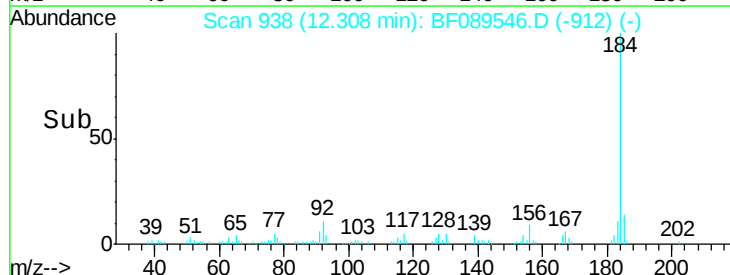
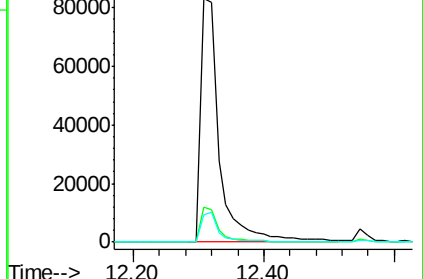
183 11.5 9.8 14.6

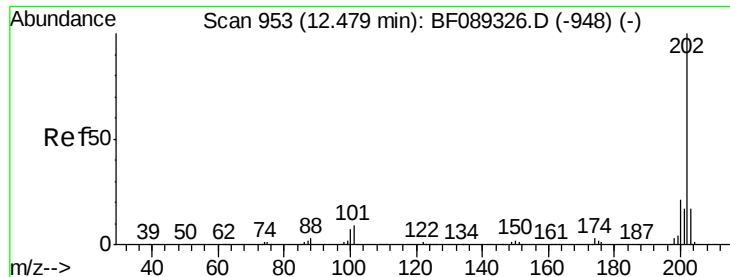


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

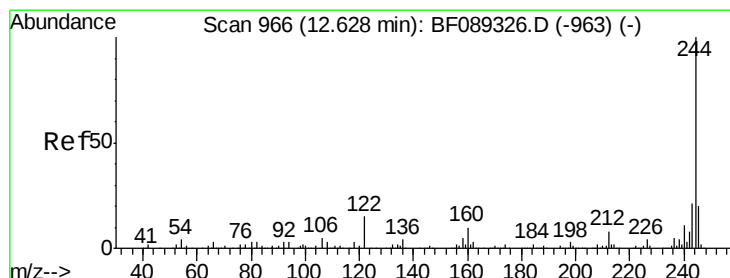
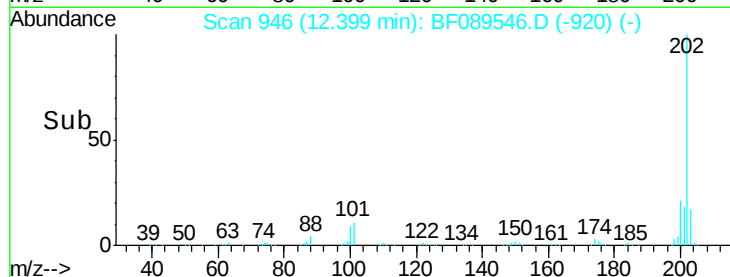
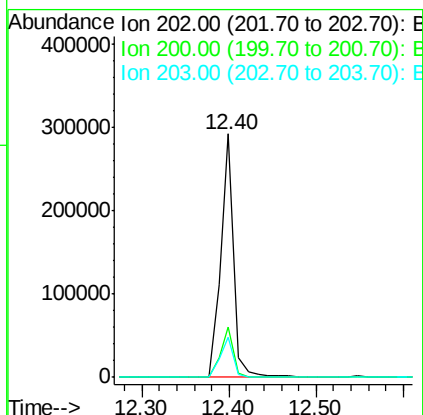
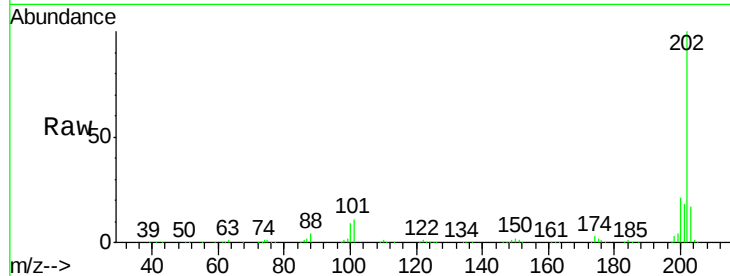




#77
Pvrene
Concen: 53.60 ng
RT: 12.40 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

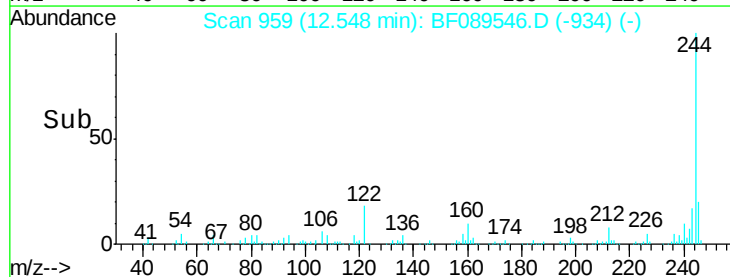
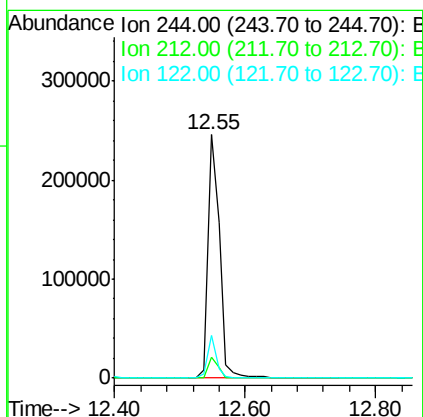
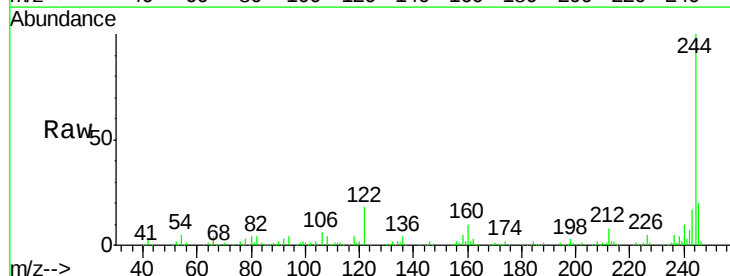
Instrument :
BNA_F
ClientSampleId :
SB-52-13.0-14.0MS

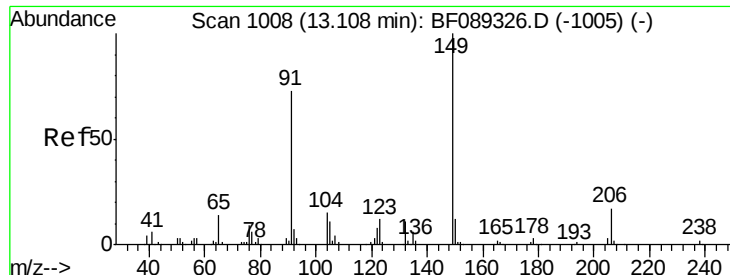
Tot Ion:202 Resp: 304028
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 16.6 14.0 21.0



#78
Terphenyl-d14
Concen: 95.27 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

Tgt Ion:244 Resp: 304663
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 17.6 11.4 17.0#

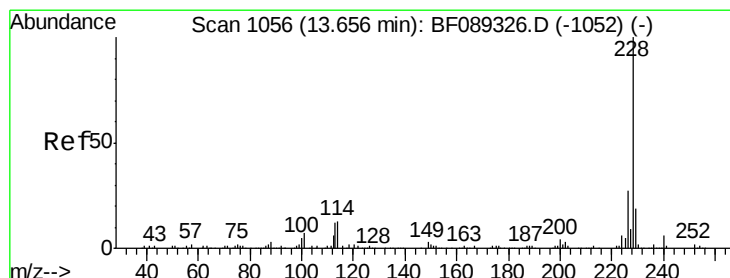
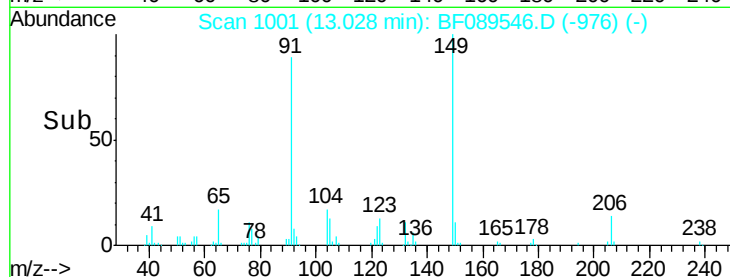
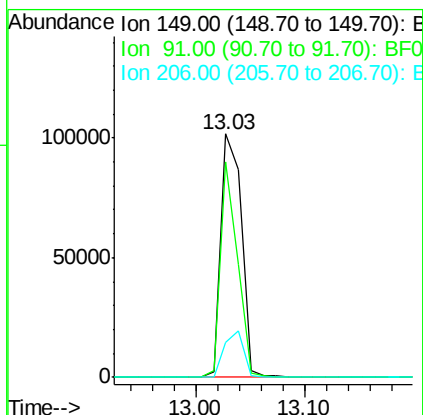
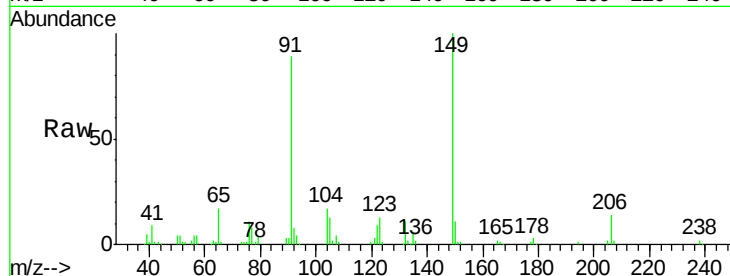




#79
Butylbenzylphthalate
Concen: 52.00 ng
RT: 13.03 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

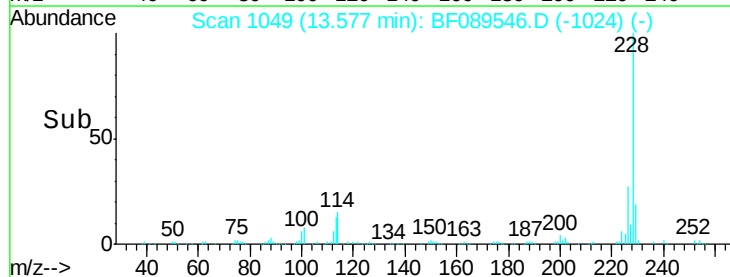
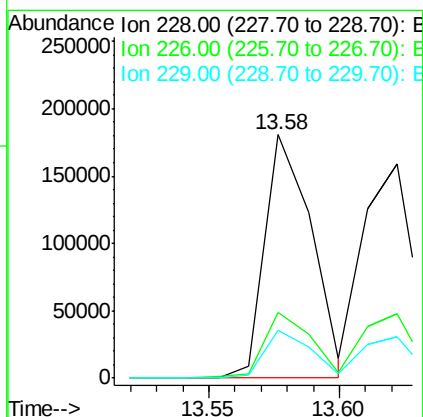
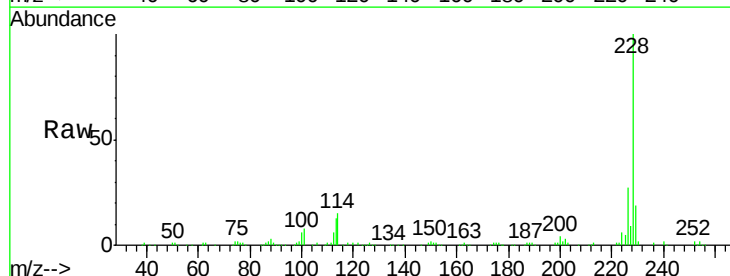
Instrument :
BNA_F
ClientSampleId :
SB-52-13.0-14.0MS

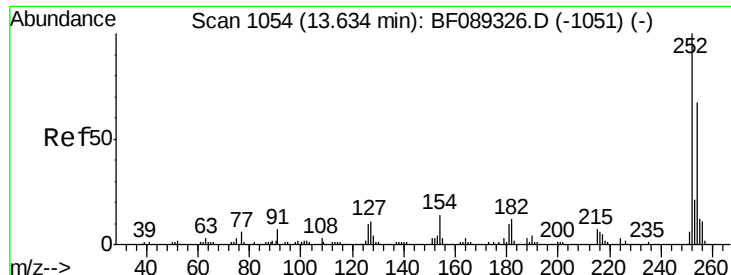
Tot Ion:149 Resp: 134118
Ion Ratio Lower Upper
149 100
91 88.5 58.5 87.7#
206 14.5 13.8 20.8



#80
Benzo(a)anthracene
Concen: 53.26 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

Tgt Ion:228 Resp: 224950
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.2
229 19.5 15.9 23.9

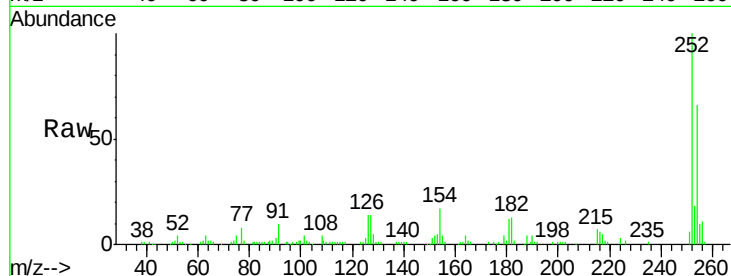




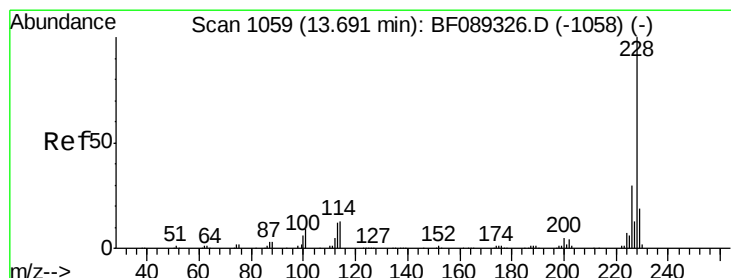
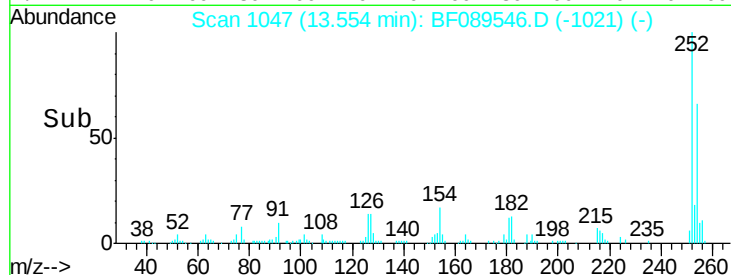
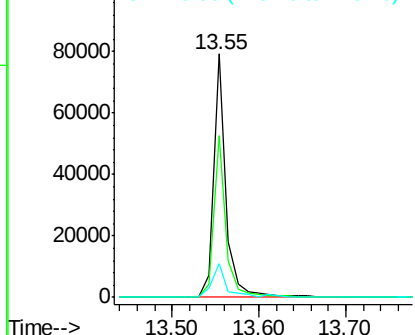
#81
 3,3'-Dichlorobenzidine
 Concen: 52.06 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF089546.D
 Acq: 2 Aug 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-52-13.0-14.0MS

Tot Ion:252 Resp: 79130
 Ion Ratio Lower Upper
 252 100
 254 66.2 52.5 78.7
 126 13.9 7.4 11.2#

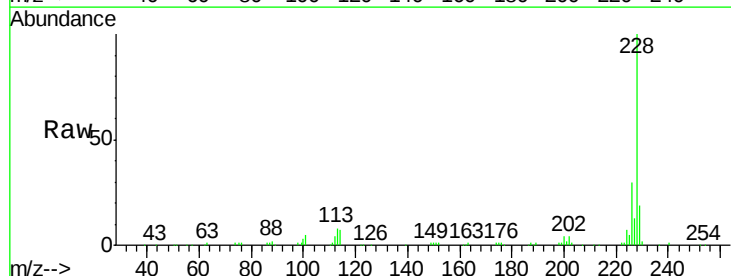


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

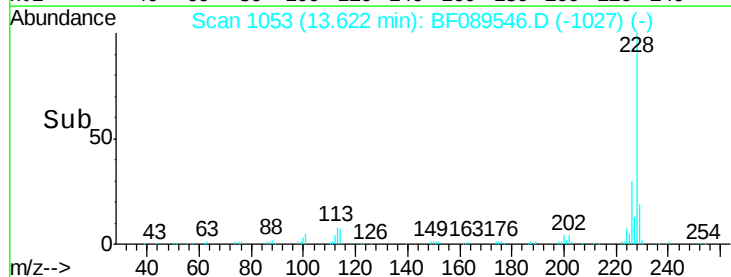
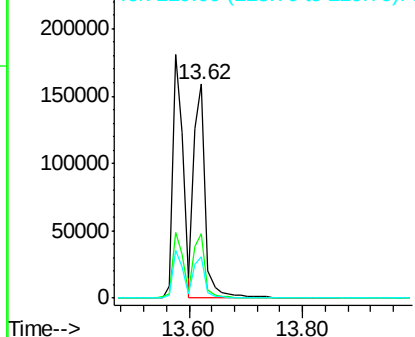


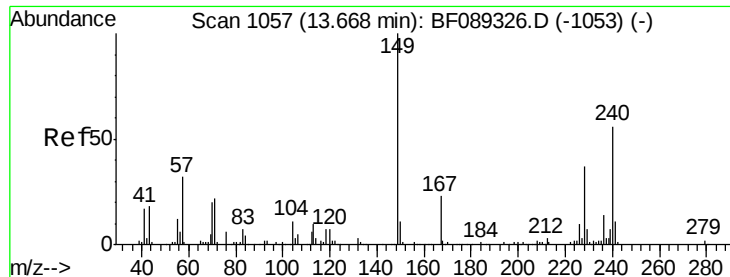
#82
 Chrysene
 Concen: 50.21 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF089546.D
 Acq: 2 Aug 2016 14:43

Tgt Ion:228 Resp: 225758
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.2 36.2
 229 19.1 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





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.34 ng

RT: 13.60 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0MS

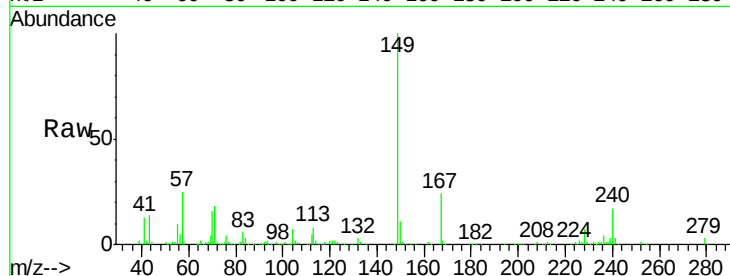
Tot Ion:149 Resp: 176490

Ion Ratio Lower Upper

149 100

167 24.2 18.8 28.2

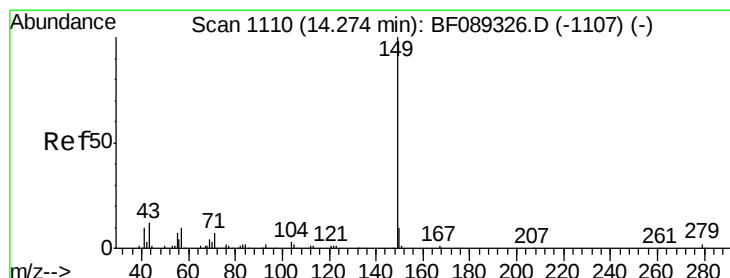
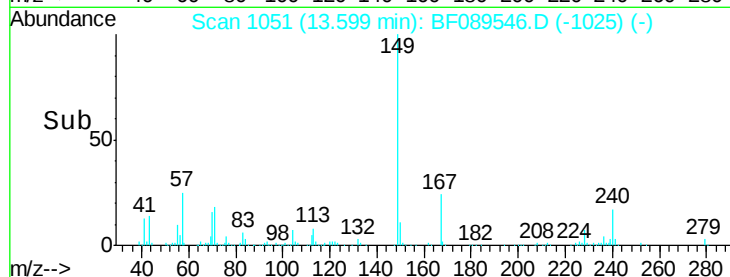
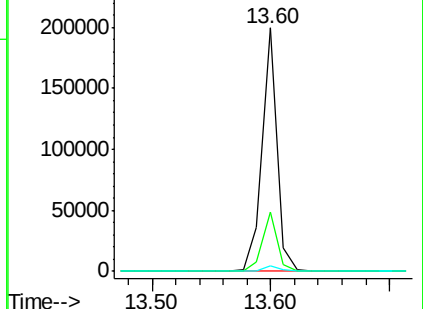
279 2.5 1.4 2.0#



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: 50.48 ng

RT: 14.21 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

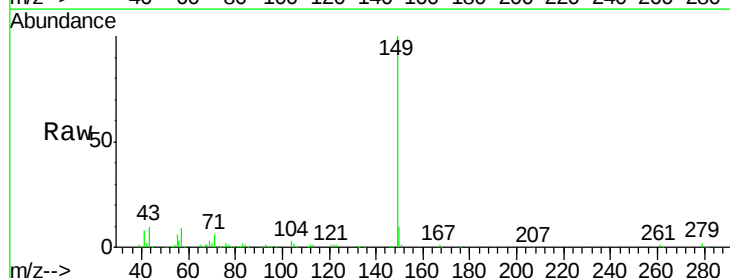
Tgt Ion:149 Resp: 293665

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

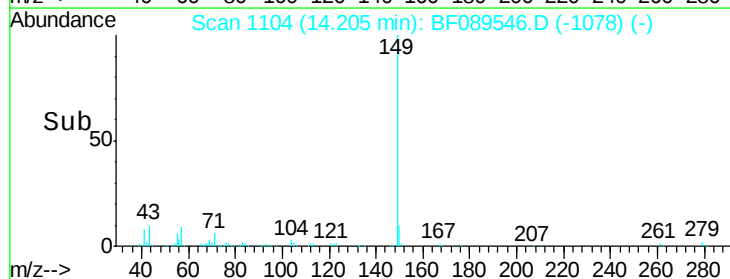
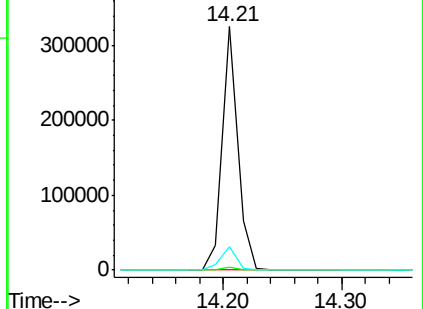
43 9.7 7.3 10.9

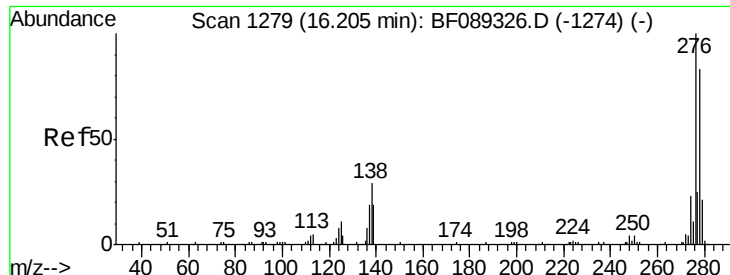


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

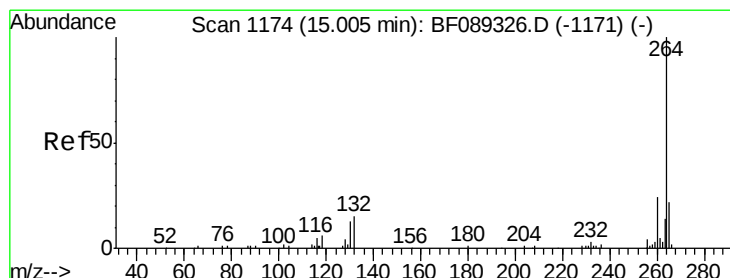
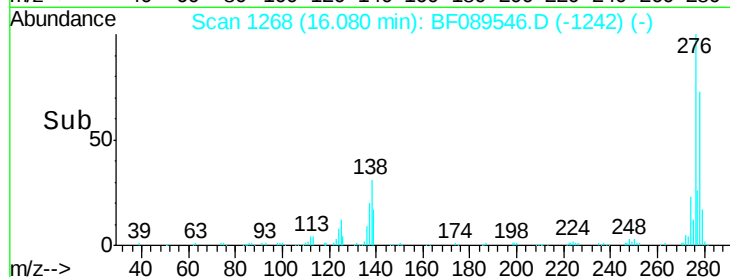
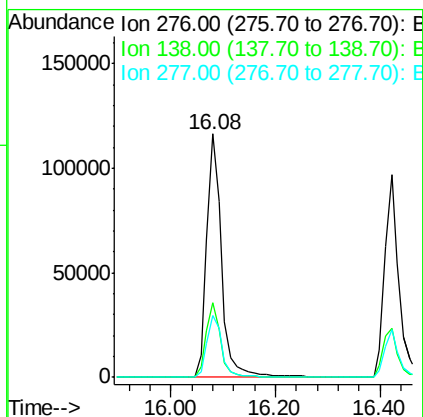
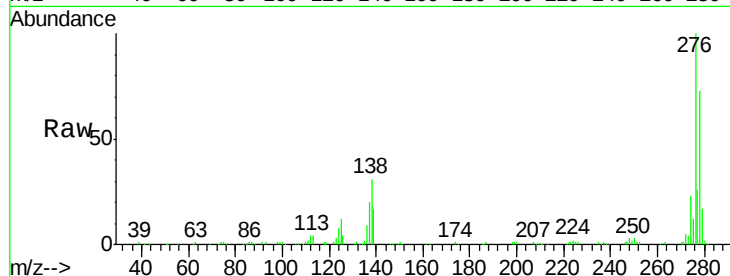




#85
Indeno(1,2,3-cd)pyrene
Concen: 72.13 ng
RT: 16.08 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

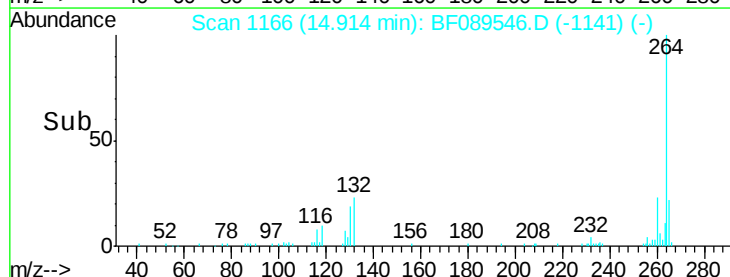
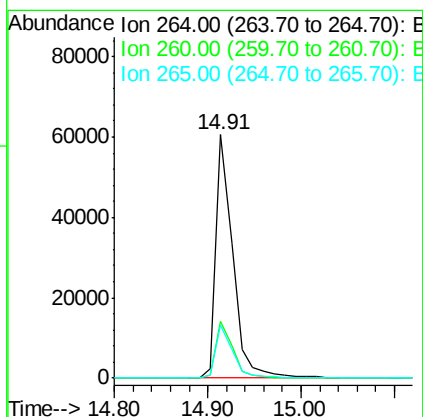
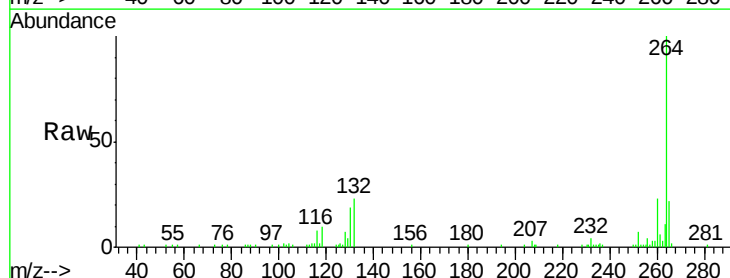
Instrument :
BNA_F
ClientSampleId :
SB-52-13.0-14.0MS

Tot Ion:276 Resp: 230576
Ion Ratio Lower Upper
276 100
138 29.9 23.0 34.4
277 25.7 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF089546.D
Acq: 2 Aug 2016 14:43

Tgt Ion:264 Resp: 76163
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 21.5 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 55.57 ng m

RT: 14.58 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0MS

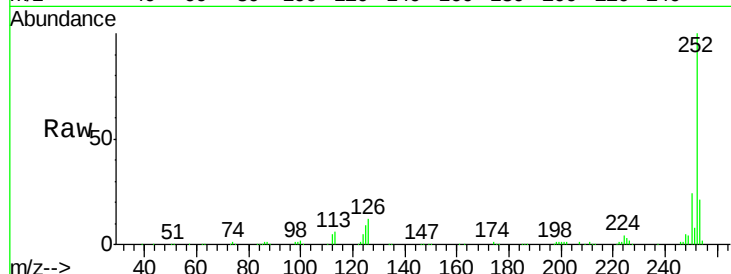
Tot Ion:252 Resp: 262826

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

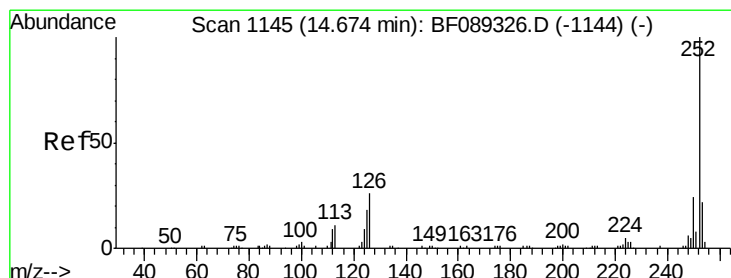
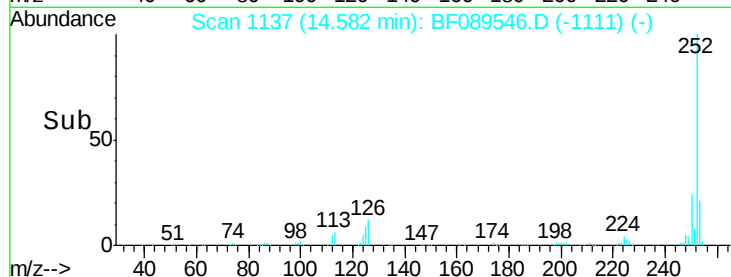
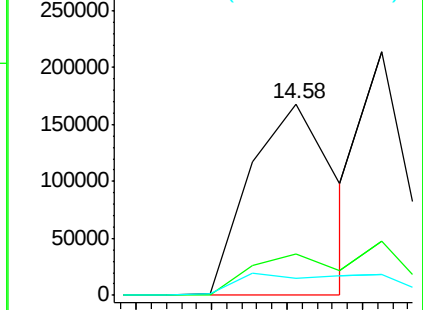
125 9.2 9.7 14.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.08 ng m

RT: 14.61 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

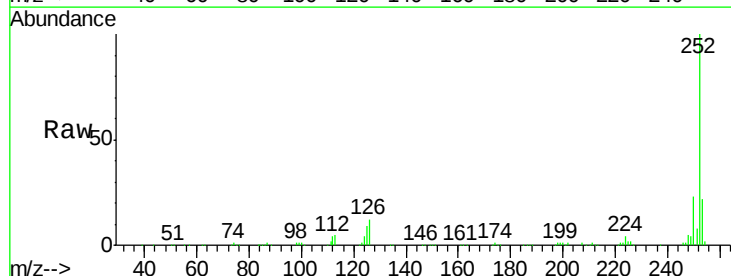
Tgt Ion:252 Resp: 178632

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

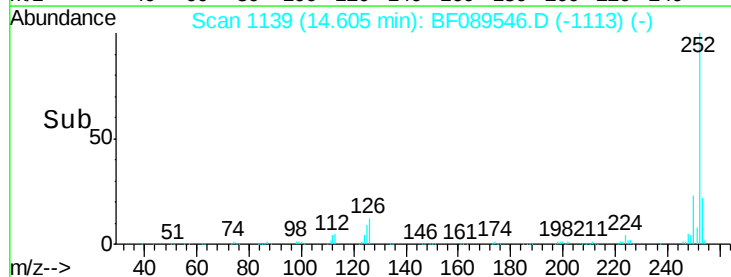
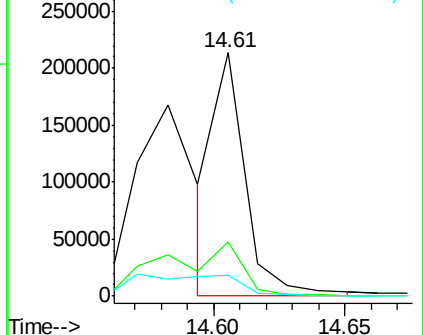
125 8.6 10.7 16.1#

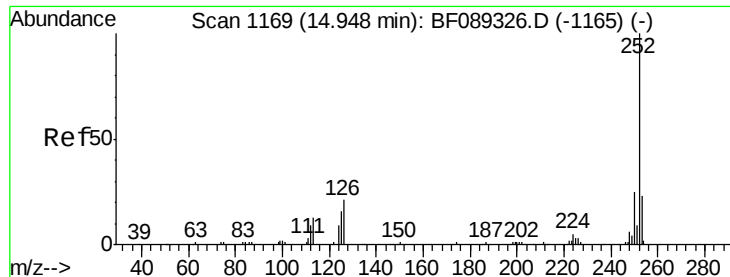


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 50.57 ng

RT: 14.87 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0MS

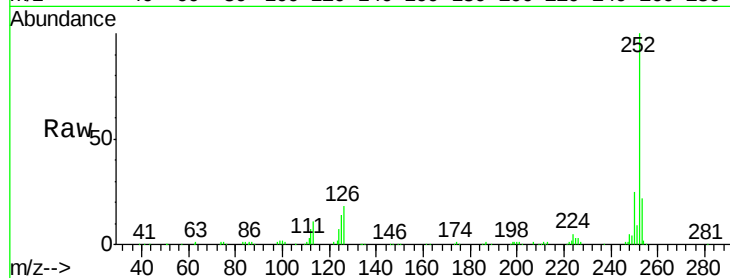
Tot Ion:252 Resp: 214579

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

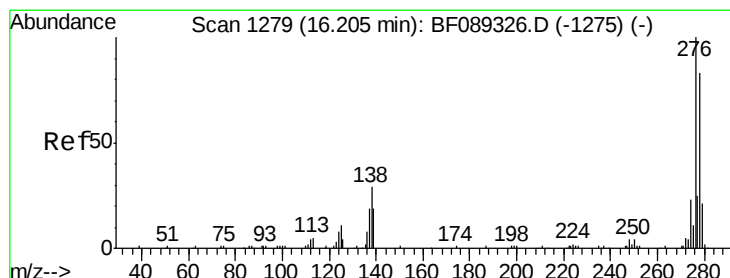
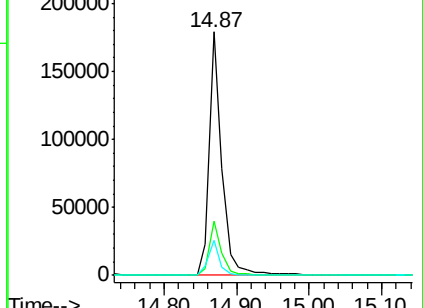
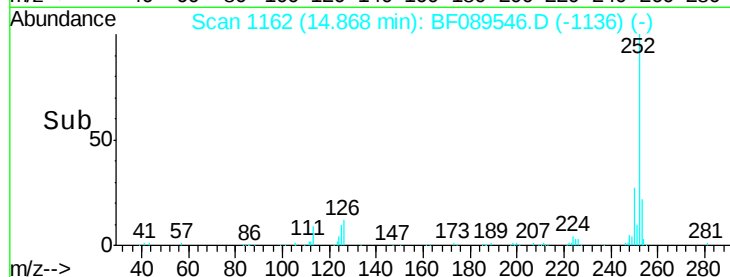
125 14.4 12.4 18.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 57.86 ng

RT: 16.09 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

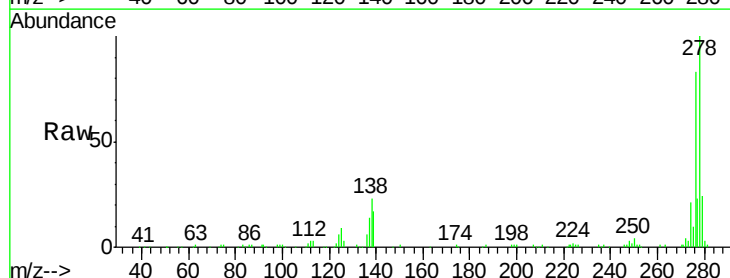
Tgt Ion:278 Resp: 193404

Ion Ratio Lower Upper

278 100

139 16.8 16.3 24.5

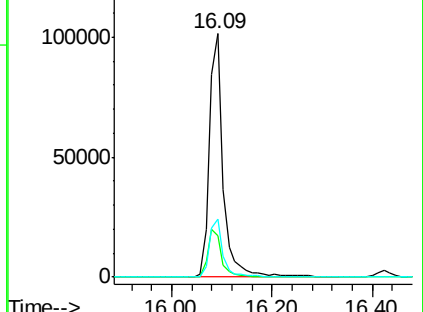
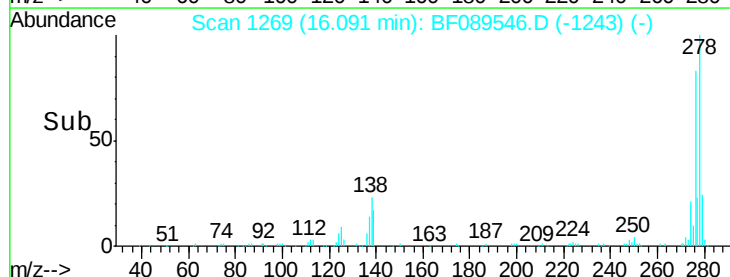
279 23.6 19.1 28.7

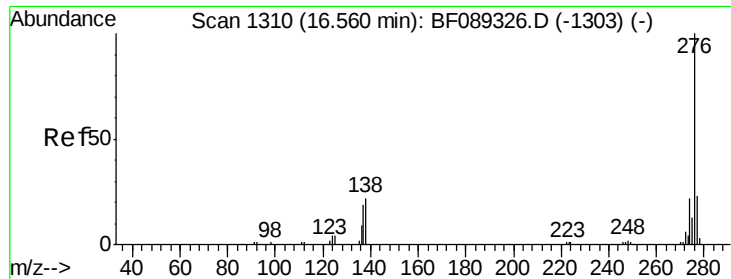


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 57.54 ng

RT: 16.42 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF089546.D

Acq: 2 Aug 2016 14:43

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0MS

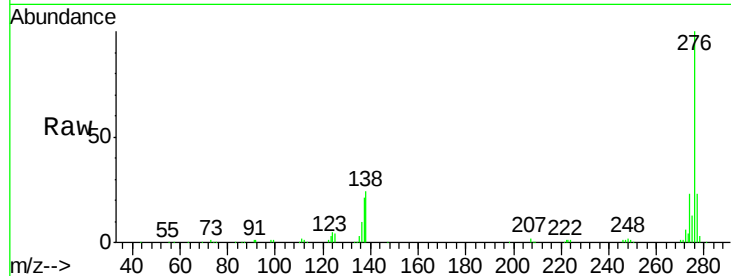
Tot Ion:276 Resp: 189053

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 24.3 21.4 32.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

