

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
 Data File : BF089544.D
 Acq On : 2 Aug 2016 13:44
 Operator : UM/SJ
 Sample : PB92601BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92601BS

Quant Time: Aug 03 11:26:47 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	6.47	152	42986	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	179487	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	86209	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	172163	20.00	ng	0.00
75) Chrysene-d12	13.60	240	126212	20.00	ng	0.00
86) Perylene-d12	14.91	264	103431	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	335827	124.74	ng	0.02
7) Phenol-d6	6.15	99	448920	126.18	ng	0.01
23) Nitrobenzene-d5	7.05	82	287769	94.64	ng	0.00
41) 2,4,6-Tribromophenol	10.30	330	101606	142.31	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	543852	92.58	ng	0.00
78) Terphenyl-d14	12.56	244	511449	94.84	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.94	88	45469	37.01	ng	# 92
3) Pyridine	2.52	79	115707	43.93	ng	97
4) n-Nitrosodimethylamine	2.49	42	45940	43.27	ng	99
6) Aniline	6.14	93	158568m	41.28	ng	
8) 2-Chlorophenol	6.26	128	137259	45.07	ng	98
9) Benzaldehyde	6.01	77	53519	30.81	ng	94
10) Phenol	6.16	94	182101	46.38	ng	80
11) bis(2-Chloroethyl)ether	6.23	93	141355	42.38	ng	99
12) 1,3-Dichlorobenzene	6.41	146	127025m	39.88	ng	
13) 1,4-Dichlorobenzene	6.49	146	142954	40.67	ng	95
14) 1,2-Dichlorobenzene	6.64	146	136467m	41.44	ng	
15) Benzyl Alcohol	6.64	79	114002	51.63	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.78	45	149849	41.19	ng	89
17) 2-Methylphenol	6.76	107	107518	45.68	ng	97
18) Hexachloroethane	6.98	117	55388	41.10	ng	# 86
19) n-Nitroso-di-n-propylamine	6.91	70	106116	49.46	ng	97
20) 3+4-Methylphenols	6.92	107	136268	45.08	ng	# 84
22) Acetophenone	6.90	105	177715	41.59	ng	99
24) Nitrobenzene	7.07	77	135208	39.07	ng	97
25) Isophorone	7.31	82	265692	43.38	ng	99
26) 2-Nitrophenol	7.38	139	67192	43.42	ng	# 72
27) 2,4-Dimethylphenol	7.45	122	114249	46.35	ng	95
28) bis(2-Chloroethoxy)methane	7.53	93	162499	47.92	ng	100
29) 2,4-Dichlorophenol	7.63	162	109389	48.70	ng	94
30) 1,2,4-Trichlorobenzene	7.71	180	112292	43.82	ng	98
31) Naphthalene	7.78	128	397120	44.68	ng	100
32) Benzoic acid	7.61	122	65745	38.28	ng	96
33) 4-Chloroaniline	7.85	127	128593	38.00	ng	99
34) Hexachlorobutadiene	7.91	225	61627	41.99	ng	97
35) Caprolactam	8.23	113	33050m	48.75	ng	
36) 4-Chloro-3-methylphenol	8.35	107	131518	49.27	ng	95
37) 2-Methylnaphthalene	8.47	142	242386	45.26	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.64	216	96579	32.01	ng	98
40) Hexachlorocyclopentadiene	8.63	237	76804	88.27	ng	99

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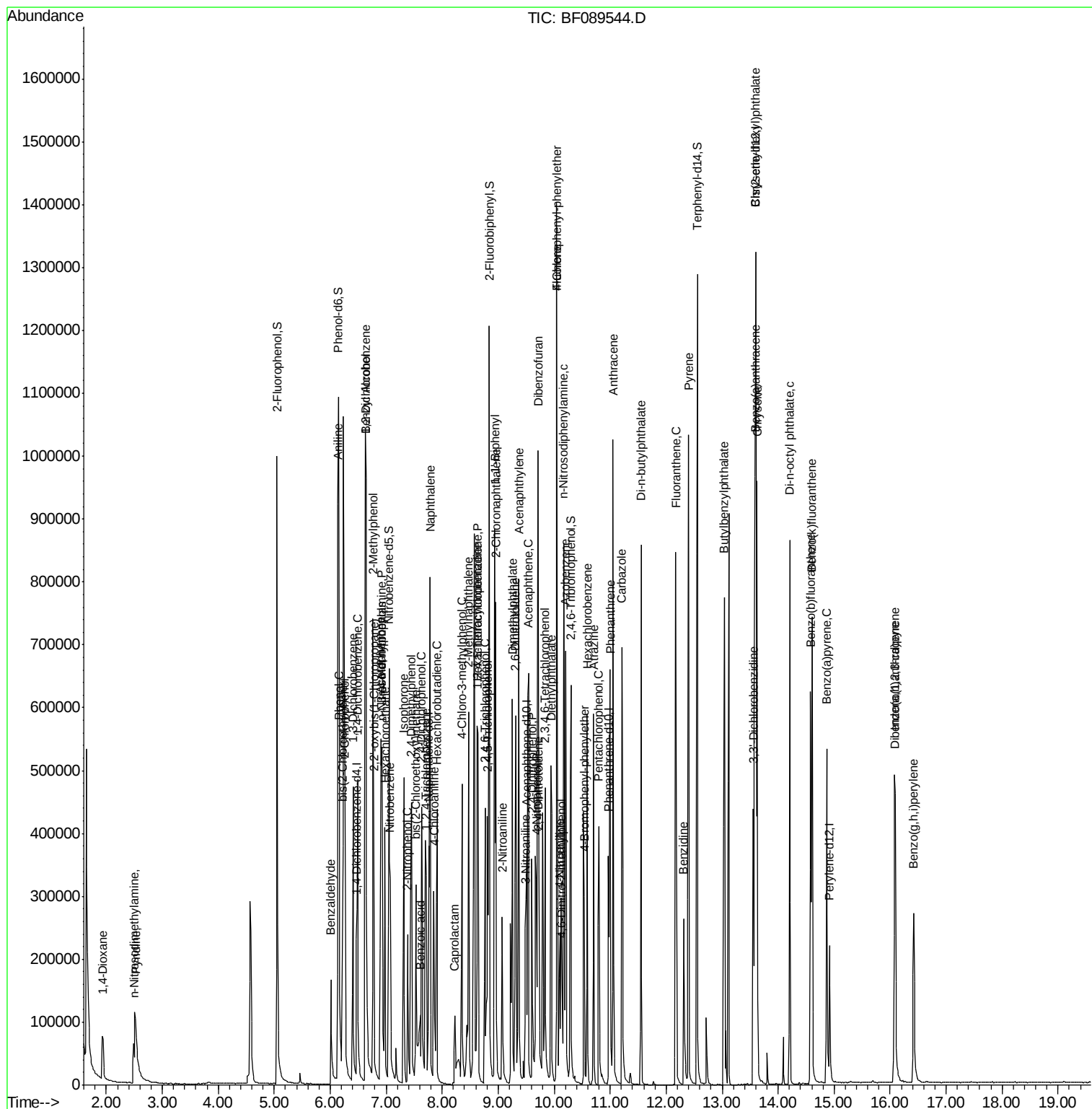
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	70113	48.88	nq	100
43) 2,4,5-Trichlorophenol	8.81	196	81979	45.12	nq	97
45) 1,1'-Biphenyl	8.94	154	281854	38.40	nq	98
46) 2-Chloronaphthalene	8.96	162	252891	45.88	nq	96
47) 2-Nitroaniline	9.07	65	79692	48.82	nq	95
48) Acenaphthylene	9.37	152	381208	43.90	nq	100
49) Dimethylphthalate	9.26	163	298151	45.44	nq	100
50) 2,6-Dinitrotoluene	9.31	165	64454	47.81	nq	# 83
51) Acenaphthene	9.54	154	229055	45.17	nq	98
52) 3-Nitroaniline	9.48	138	54729	38.47	nq	95
53) 2,4-Dinitrophenol	9.60	184	58055	88.10	nq	93
54) Dibenzofuran	9.71	168	350711	50.76	nq	97
55) 4-Nitrophenol	9.68	139	56293m	81.15	nq	
56) 2,4-Dinitrotoluene	9.72	165	84701	47.73	nq	# 58
57) Fluorene	10.04	166	263469	43.68	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	66298	54.65	nq	99
59) Diethylphthalate	9.94	149	290515	43.68	nq	99
60) 4-Chlorophenyl-phenylether	10.04	204	114795	41.49	nq	# 78
61) 4-Nitroaniline	10.10	138	68552	46.75	nq	87
62) Azobenzene	10.20	77	331783	48.43	nq	96
64) 4,6-Dinitro-2-methylphenol	10.14	198	42445	41.49	nq	87
65) n-Nitrosodiphenylamine	10.17	169	236454	44.02	nq	99
66) 4-Bromophenyl-phenylether	10.54	248	67525	41.08	nq	# 90
67) Hexachlorobenzene	10.59	284	71729	42.58	nq	# 88
68) Atrazine	10.71	200	69613	42.18	nq	98
69) Pentachlorophenol	10.80	266	69453	84.72	nq	98
70) Phenanthrene	11.00	178	389277	43.84	nq	99
71) Anthracene	11.05	178	432042	43.76	nq	100
72) Carbazole	11.21	167	372352	44.81	nq	98
73) Di-n-butylphthalate	11.55	149	448823	40.25	nq	100
74) Fluoranthene	12.17	202	403762	43.23	nq	94
76) Benzidine	12.31	184	177379	38.04	nq	96
77) Pyrene	12.40	202	430191	44.97	nq	100
79) Butylbenzylphthalate	13.04	149	218466	50.24	nq	92
80) Benzo(a)anthracene	13.59	228	341022	47.88	nq	99
81) 3,3'-Dichlorobenzidine	13.55	252	97081	37.88	nq	# 94
82) Chrysene	13.62	228	351926	46.42	nq	100
83) Bis(2-ethylhexyl)phthalate	13.60	149	274283	43.63	nq	# 99
84) Di-n-octyl phthalate	14.21	149	446816	45.55	nq	99
85) Indeno(1,2,3-cd)pyrene	16.08	276	244036	45.27	nq	99
87) Benzo(b)fluoranthene	14.58	252	316054m	49.20	nq	
88) Benzo(k)fluoranthene	14.61	252	259464m	43.94	nq	
89) Benzo(a)pyrene	14.87	252	251586	43.66	nq	100
90) Dibenzo(a,h)anthracene	16.09	278	203409	44.81	nq	96
91) Benzo(g,h,i)perylene	16.42	276	203841	45.69	nq	97

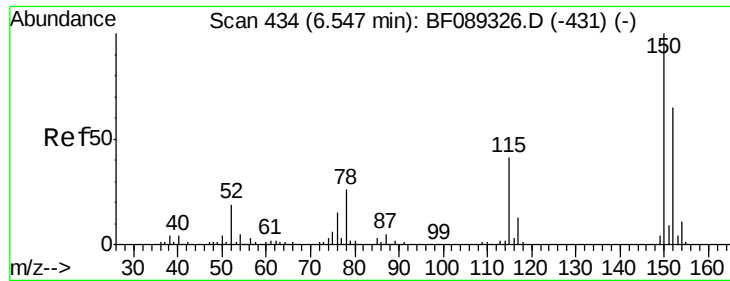
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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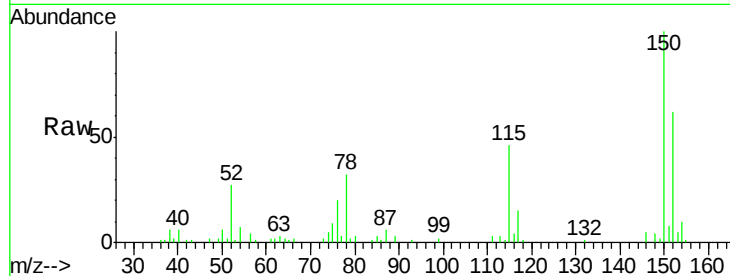


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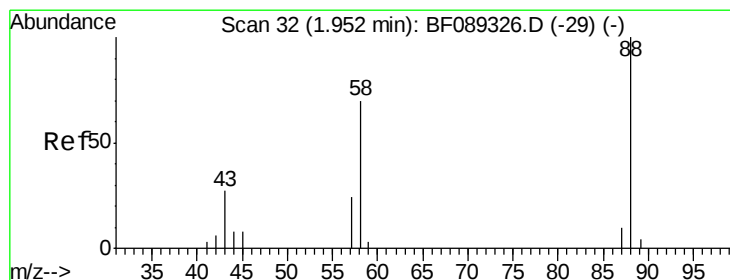
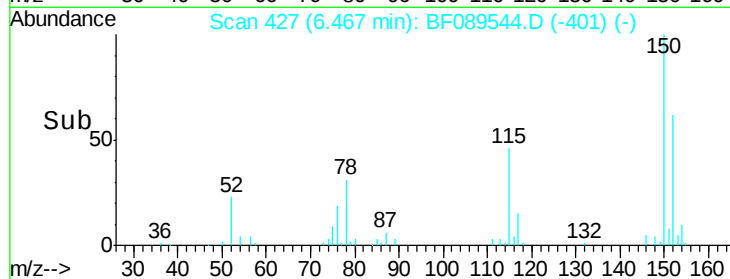
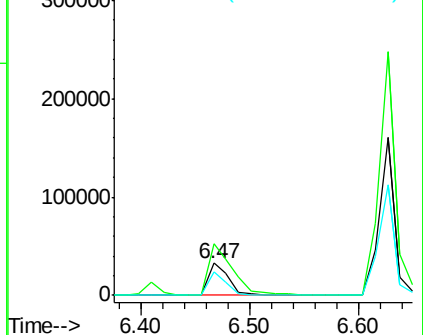
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB92601BS

Tot Ion:152 Resp: 42986
Ion Ratio Lower Upper
152 100
150 161.8 129.5 194.3
115 74.3 51.4 77.2



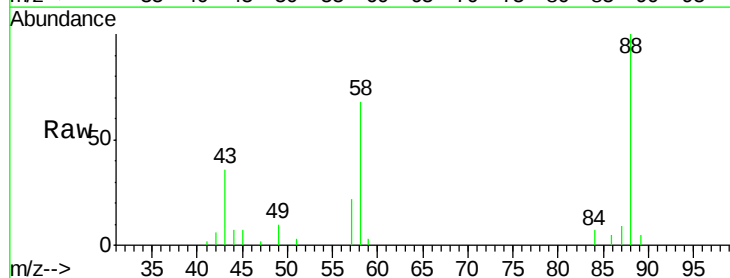
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



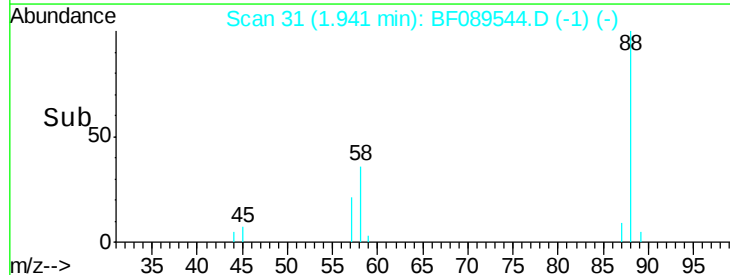
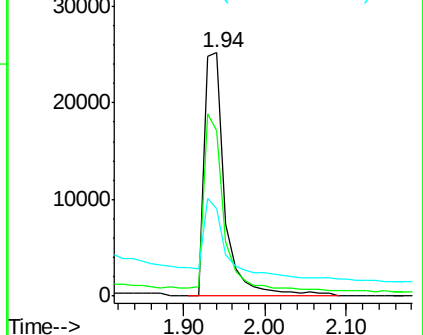
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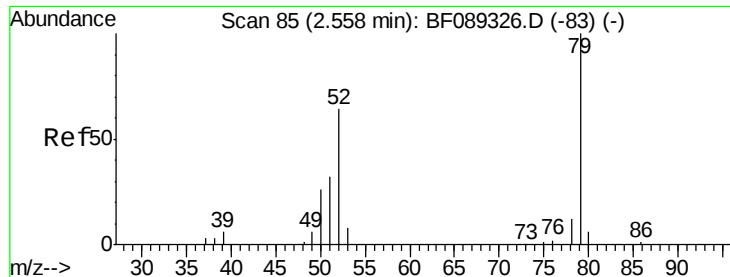
1,4-Dioxane
Concen: 37.01 ng
RT: 1.94 min Scan# 31
Delta R.T. 0.10 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

Tgt Ion: 88 Resp: 45469
Ion Ratio Lower Upper
88 100
58 67.2 53.2 79.8
43 39.3 20.6 31.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 43.93 ng

RT: 2.52 min Scan# 82

Delta R.T. 0.09 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB92601BS

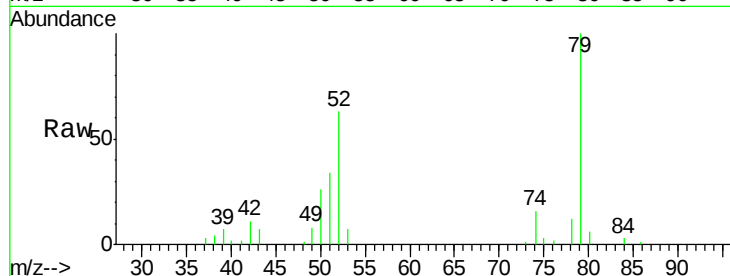
Tot Ion: 79 Resp: 115707

Ion Ratio Lower Upper

79 100

52 62.7 51.9 77.9

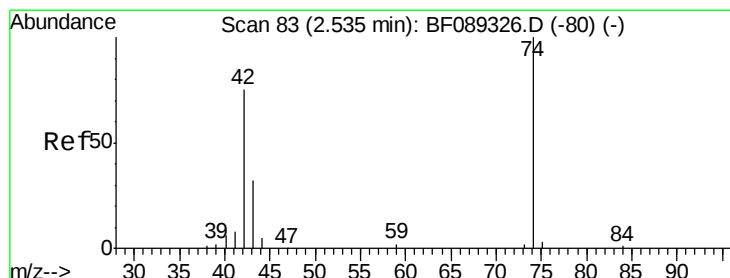
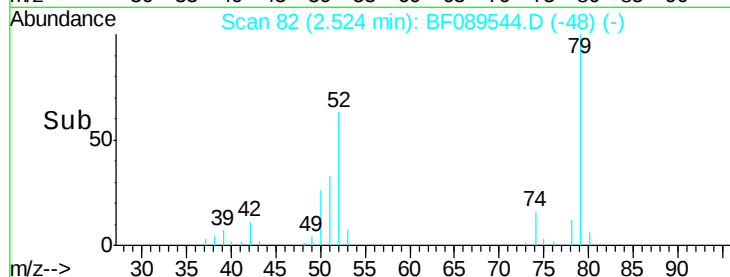
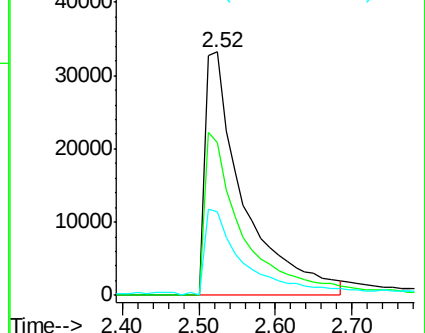
51 34.1 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 43.27 ng

RT: 2.49 min Scan# 79

Delta R.T. 0.09 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

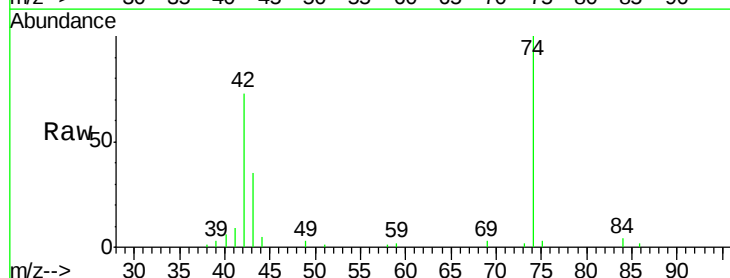
Tgt Ion: 42 Resp: 45940

Ion Ratio Lower Upper

42 100

74 137.0 110.8 166.2

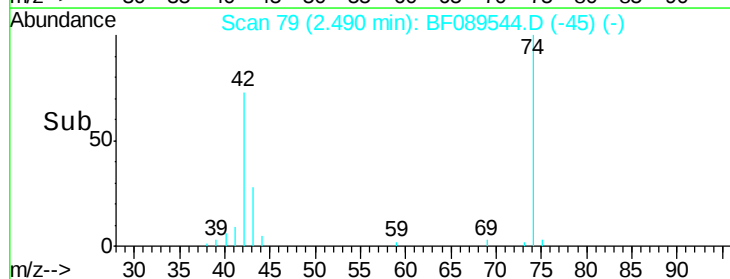
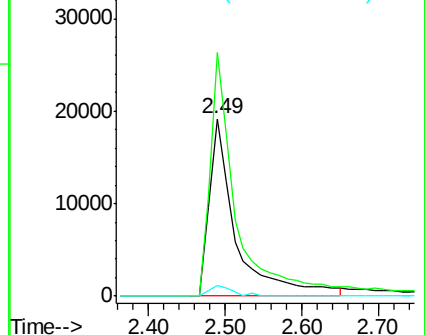
44 6.4 5.2 7.8

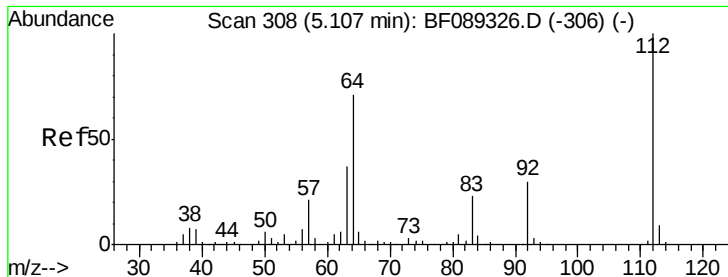


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 124.74 ng

RT: 5.05 min Scan# 303

Delta R.T. 0.02 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

Instrument :

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ClientSampleId :

PB92601BS

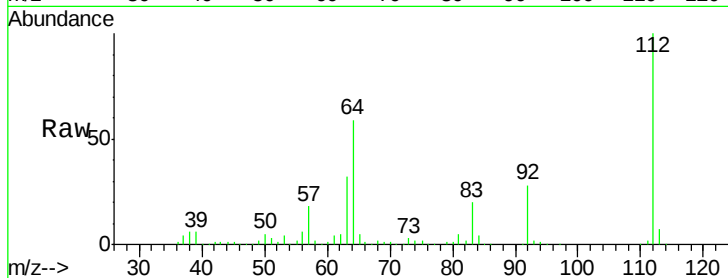
Tot Ion:112 Resp: 335827

Ion Ratio Lower Upper

112 100

64 59.2 55.0 82.6

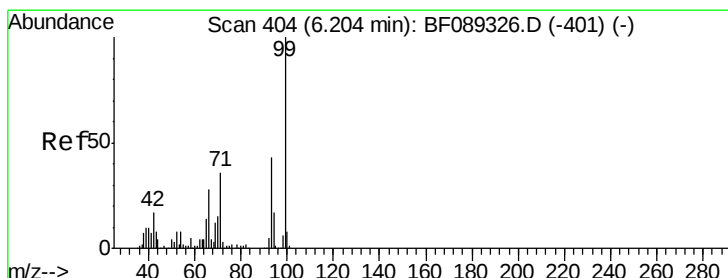
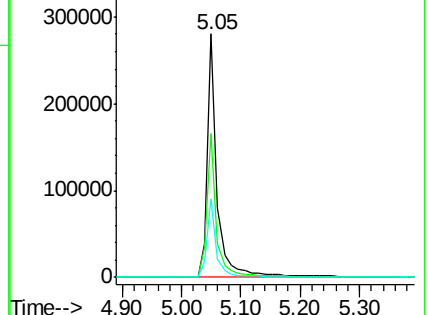
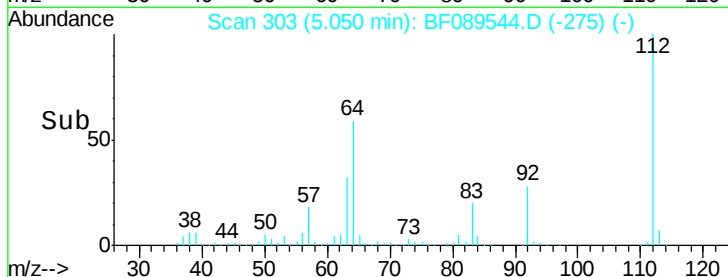
63 32.1 29.4 44.2



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: 41.28 ng m

RT: 6.14 min Scan# 398

Delta R.T. -0.09 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

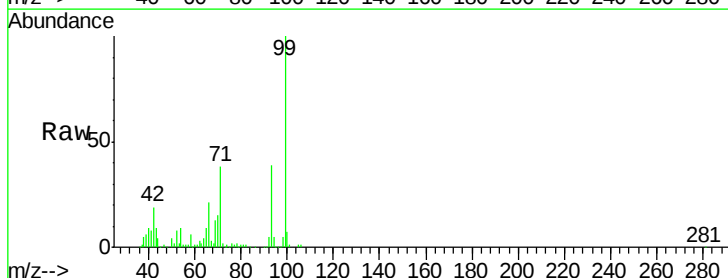
Tgt Ion: 93 Resp: 158568

Ion Ratio Lower Upper

93 100

66 54.1 51.6 77.4

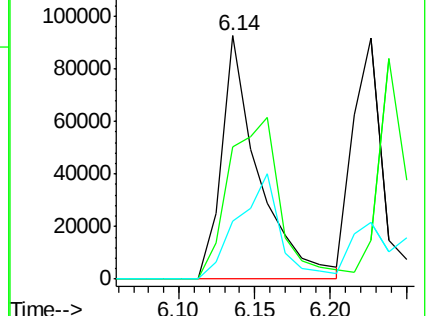
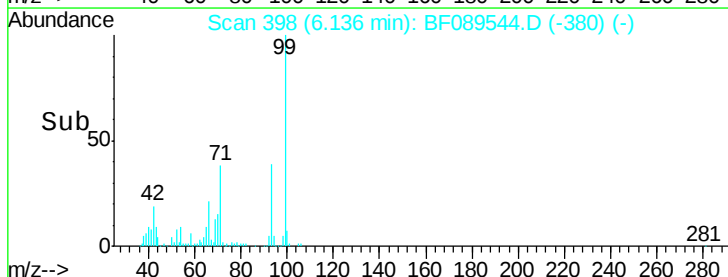
65 23.7 24.7 37.1#

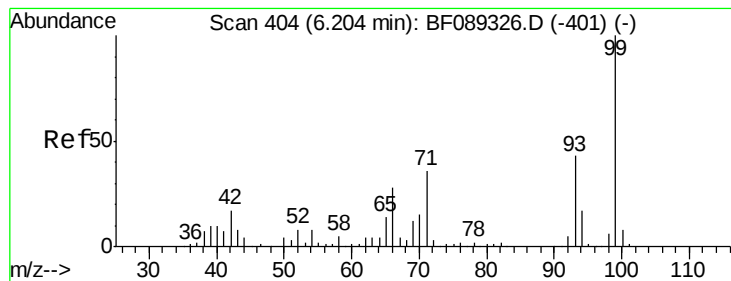


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.18 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF089544.D

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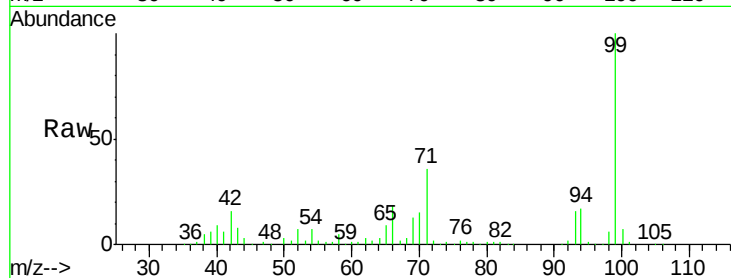
Tot Ion: 99 Resp: 448920

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

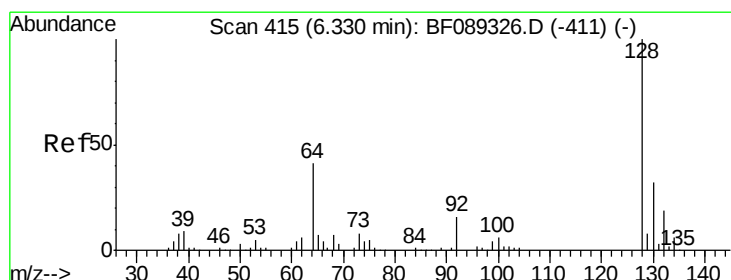
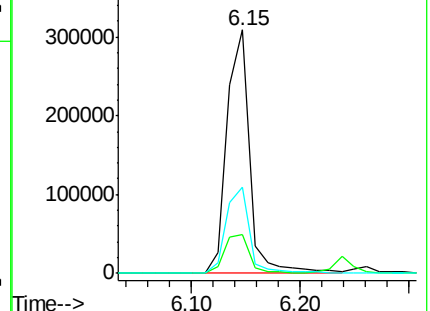
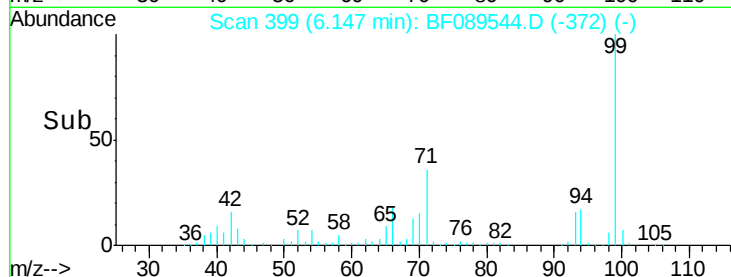
71 35.6 29.4 44.2



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: 45.07 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

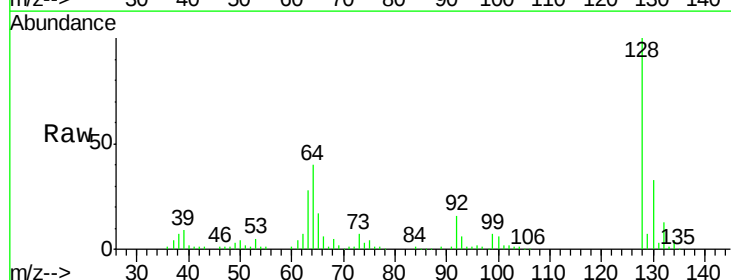
Tgt Ion: 128 Resp: 137259

Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

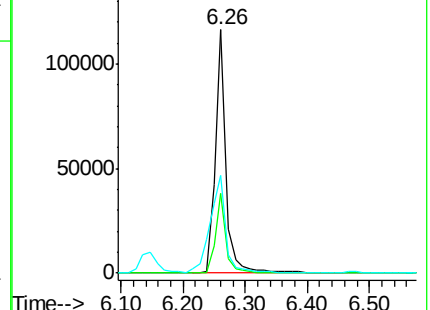
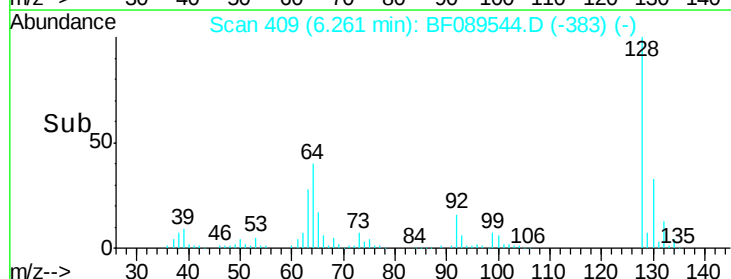
64 40.1 22.1 62.1

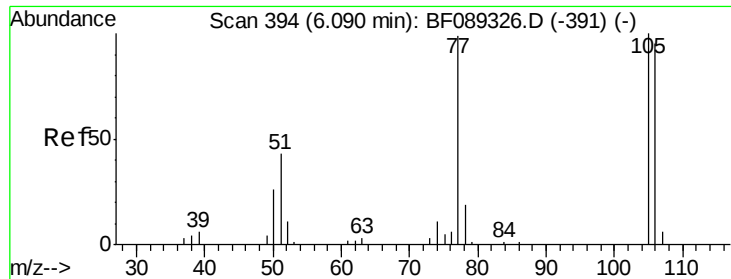


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 30.81 ng

RT: 6.01 min Scan# 387

Delta R.T. -0.00 min

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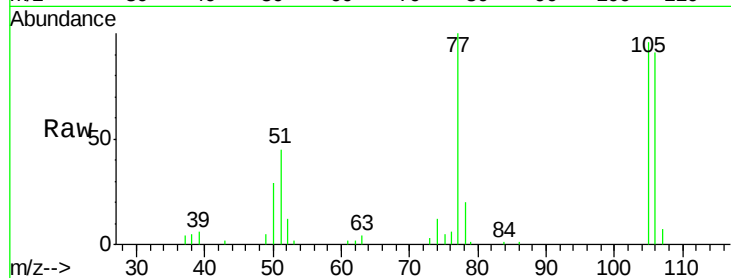
Tot Ion: 77 Resp: 53519

Ion Ratio Lower Upper

77 100

105 96.0 82.9 122.9

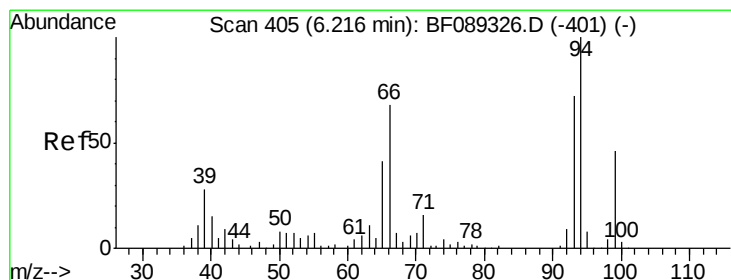
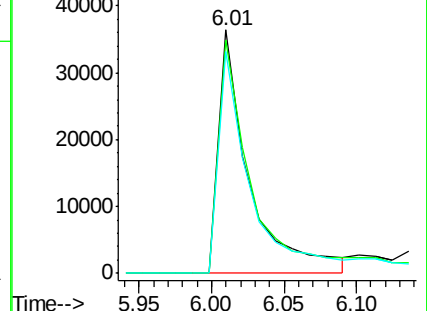
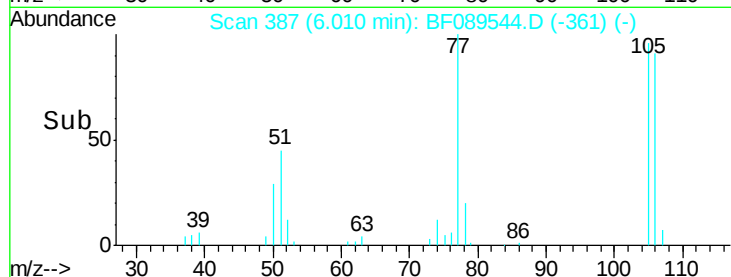
106 90.9 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.38 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

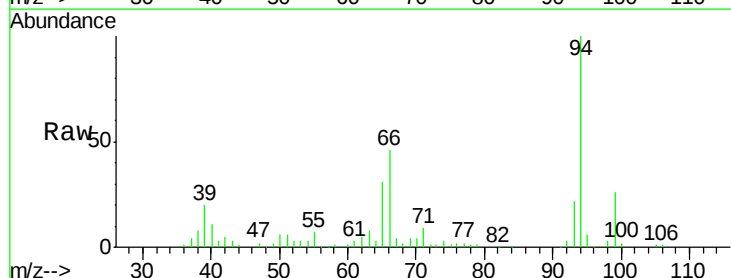
Tgt Ion: 94 Resp: 182101

Ion Ratio Lower Upper

94 100

65 30.5 19.1 59.1

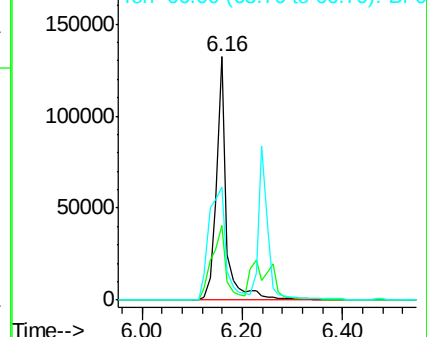
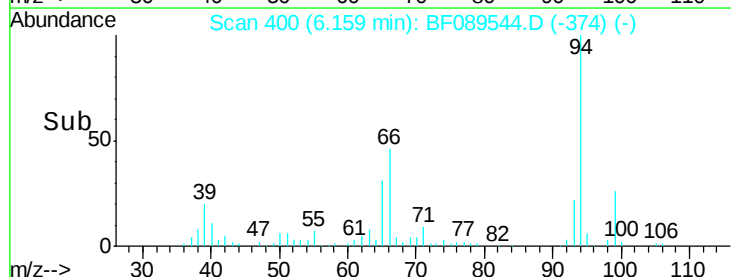
66 46.4 44.4 84.4

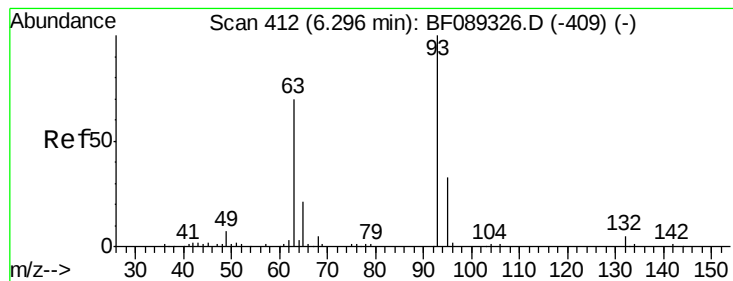


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

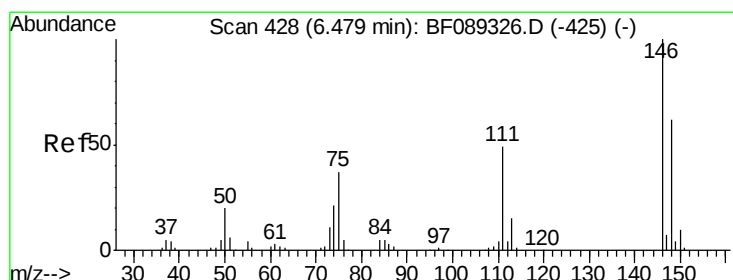
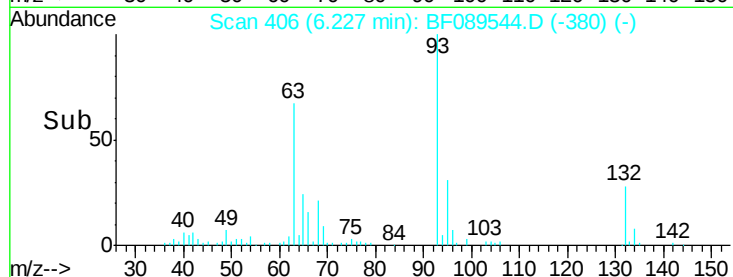
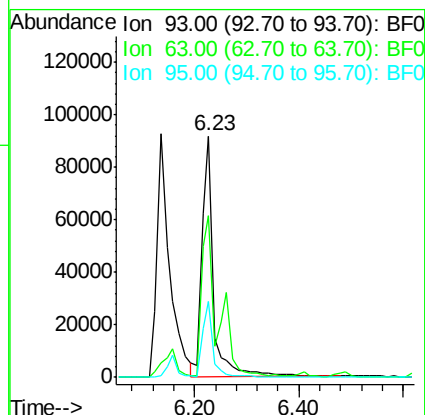
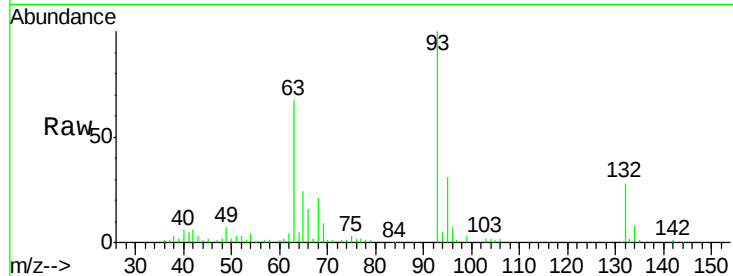




#11
bis(2-Chloroethyl)ether
Concen: 42.38 ng
RT: 6.23 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

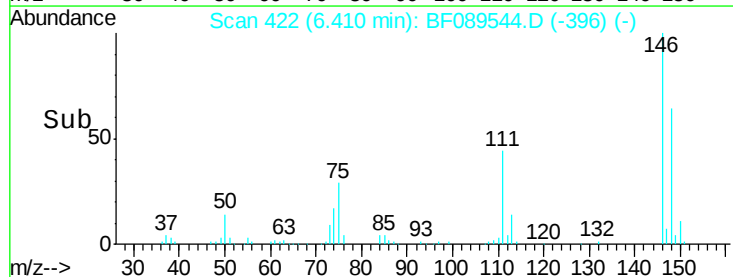
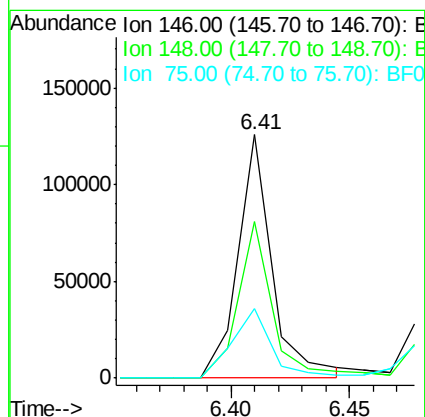
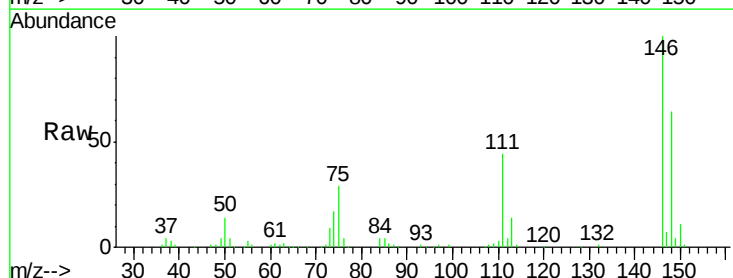
Instrument :
BNA_F
ClientSampleId :
PB92601BS

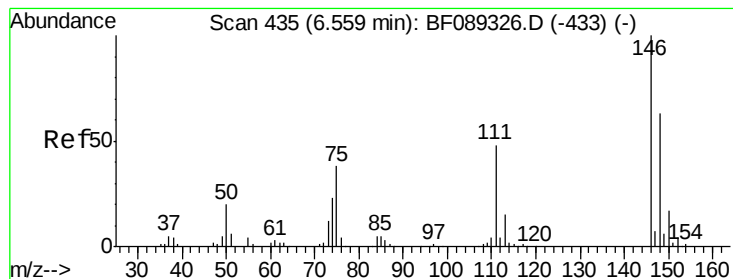
Tot Ion: 93 Resp: 141355
Ion Ratio Lower Upper
93 100
63 66.9 45.6 85.6
95 31.3 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 39.88 ng m
RT: 6.41 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

Tgt Ion: 146 Resp: 127025
Ion Ratio Lower Upper
146 100
148 64.5 50.5 75.7
75 28.6 30.0 45.0#





#13

1,4-Dichlorobenzene

Concen: 40.67 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB92601BS

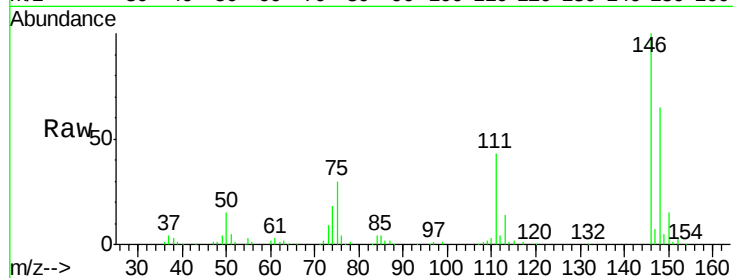
Tot Ion:146 Resp: 142954

Ion Ratio Lower Upper

146 100

148 65.1 50.8 76.2

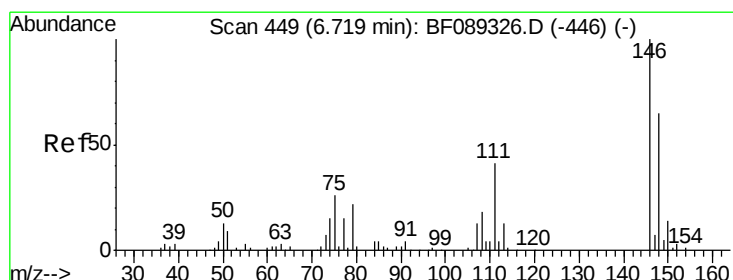
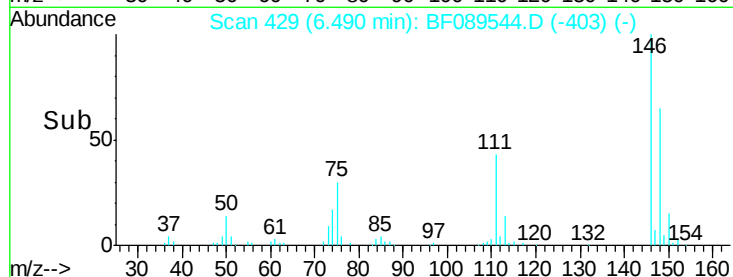
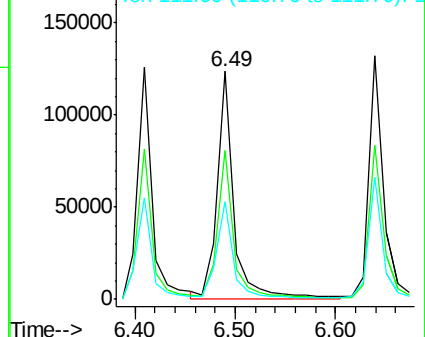
111 42.7 38.6 57.8



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: 41.44 ng m

RT: 6.64 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

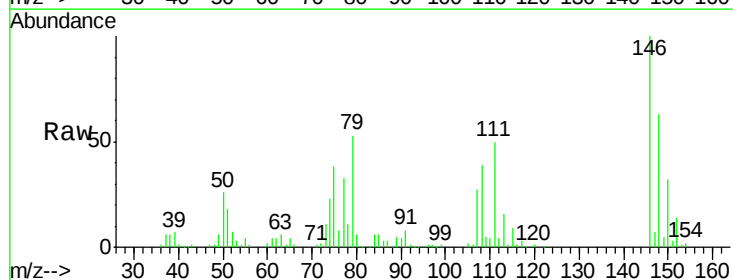
Tgt Ion:146 Resp: 136467

Ion Ratio Lower Upper

146 100

148 63.3 50.4 75.6

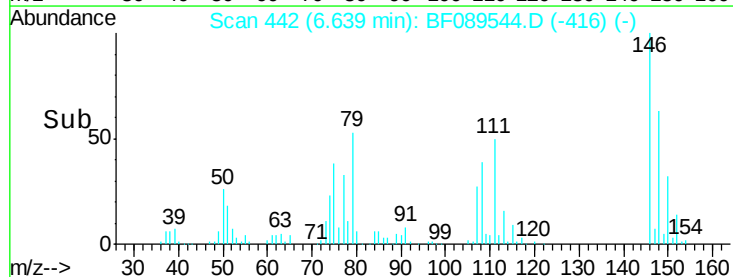
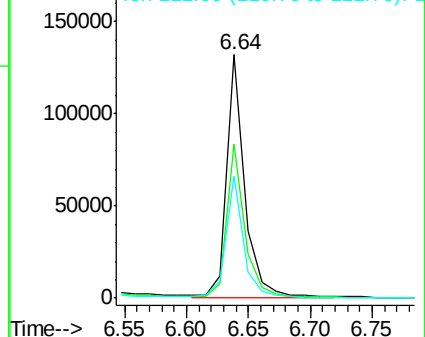
111 49.9 33.0 49.4#

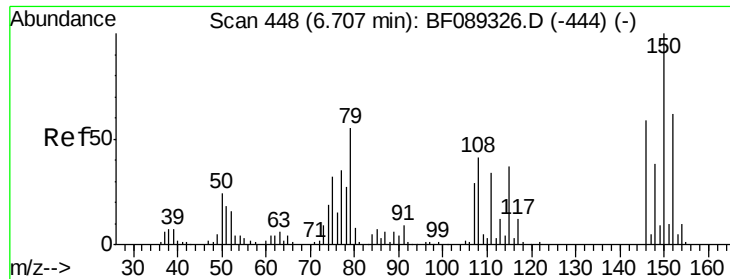


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

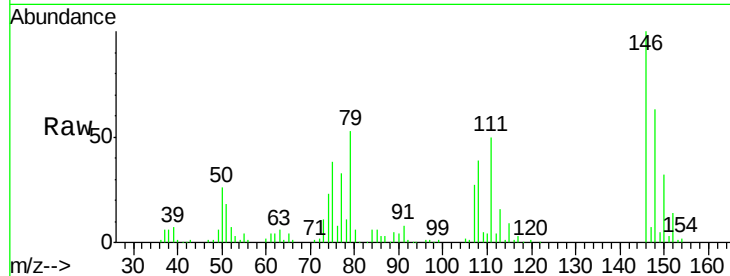




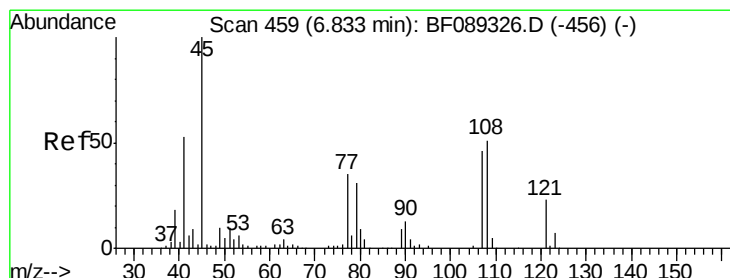
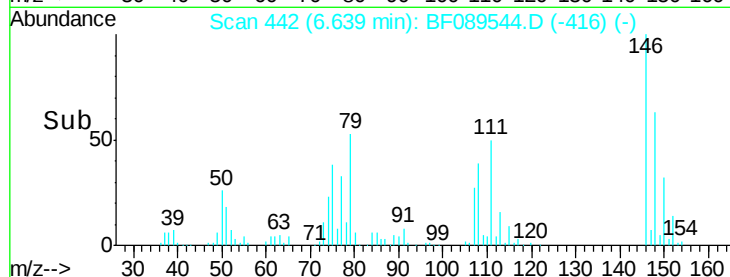
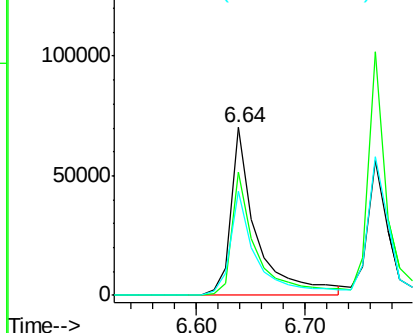
#15
Benzyl Alcohol
Concen: 51.63 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB92601BS

Tot Ion: 79 Resp: 114002
Ion Ratio Lower Upper
79 100
108 73.4 59.8 89.6
77 62.3 51.7 77.5

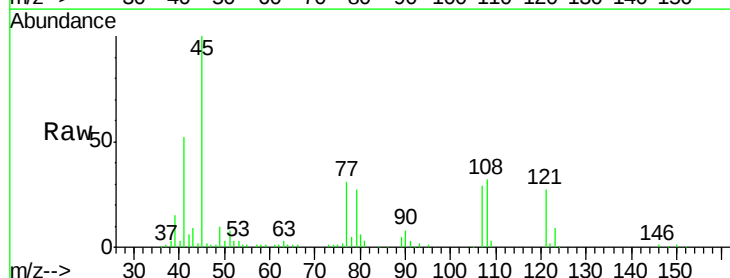


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

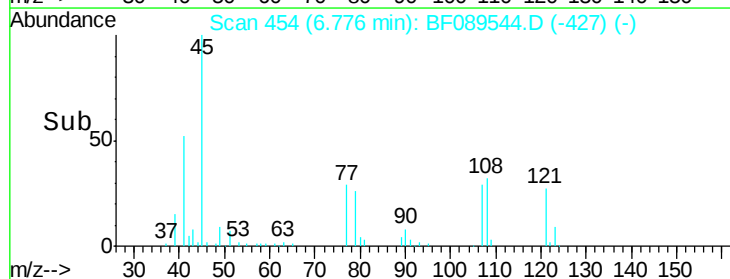
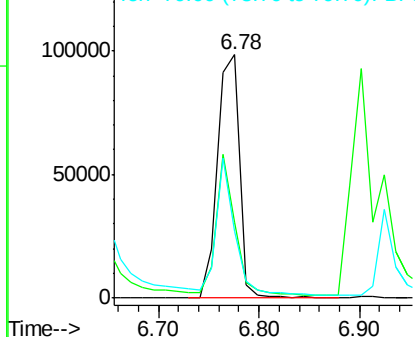


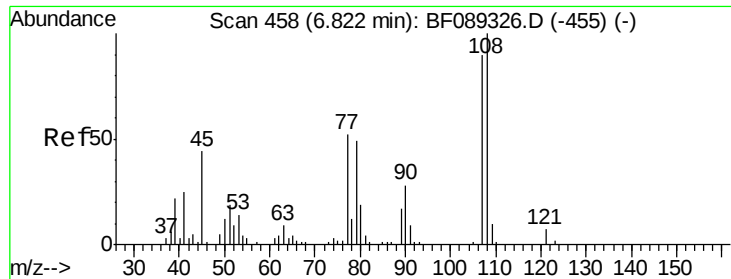
#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.19 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

Tgt Ion: 45 Resp: 149849
Ion Ratio Lower Upper
45 100
77 31.1 17.3 57.3
79 27.3 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

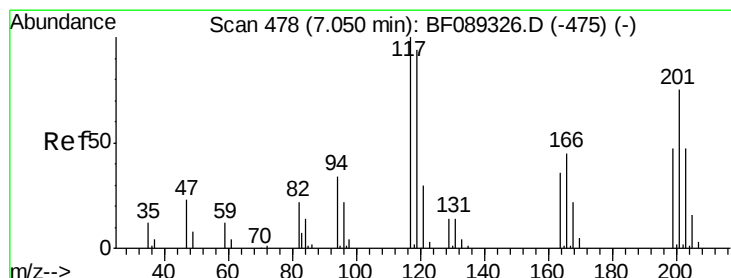
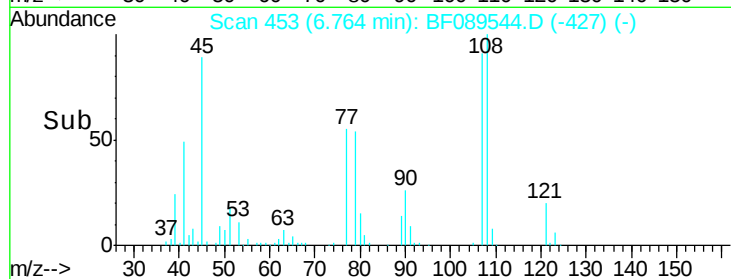
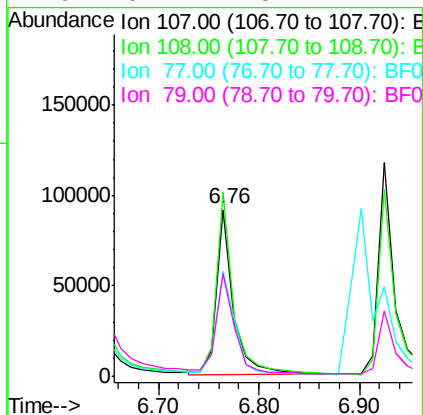
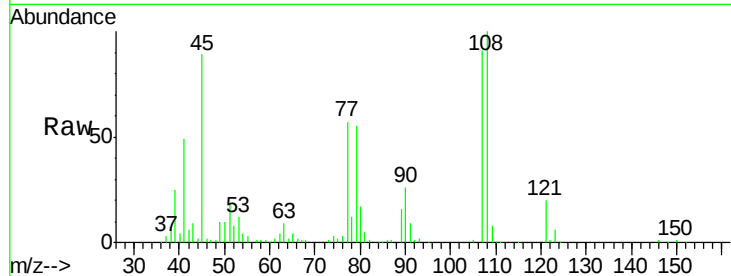




#17
2-Methylphenol
Concen: 45.68 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

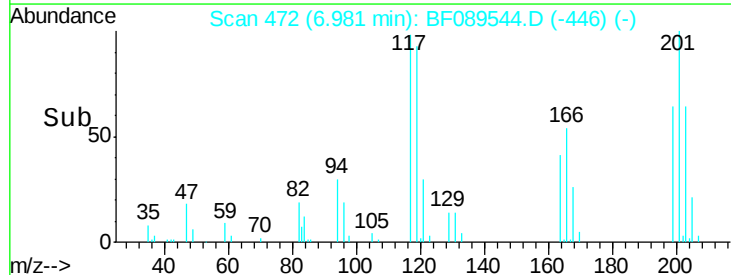
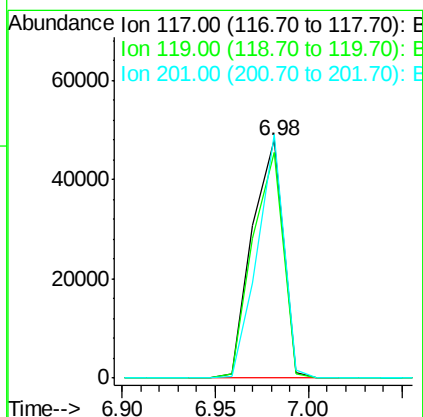
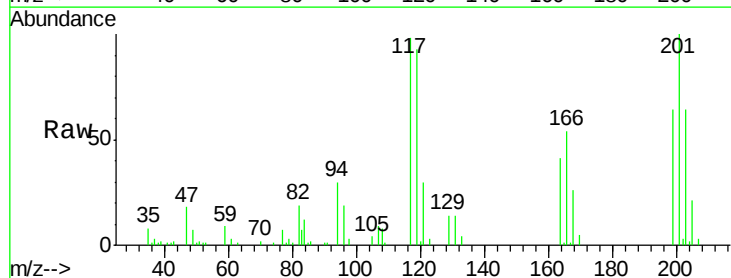
Instrument :
BNA_F
ClientSampleId :
PB92601BS

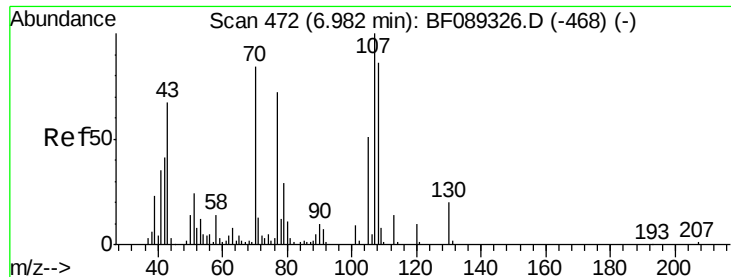
Tot Ion:107 Resp: 107518
Ion Ratio Lower Upper
107 100
108 110.2 91.4 137.0
77 63.0 48.6 73.0
79 61.1 48.2 72.4



#18
Hexachloroethane
Concen: 41.10 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

Tgt Ion:117 Resp: 55388
Ion Ratio Lower Upper
117 100
119 94.8 76.0 114.0
201 102.1 60.0 90.0#

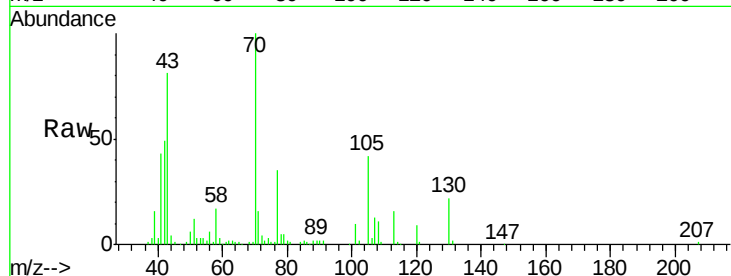




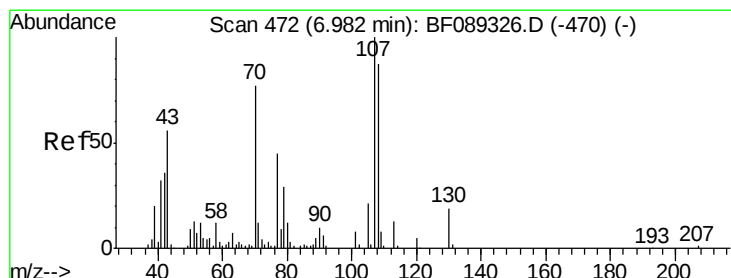
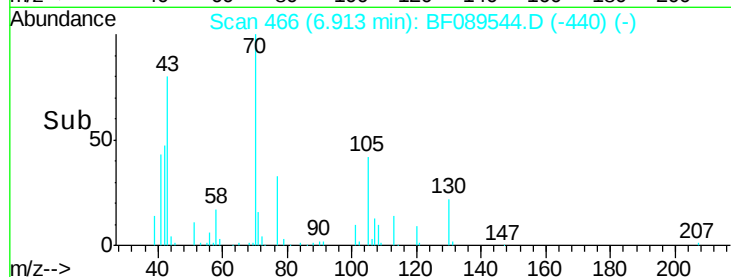
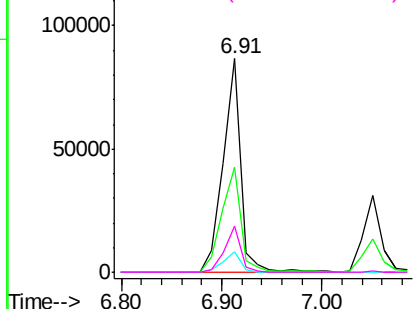
#19
n-Nitroso-di-n-propylamine
Concen: 49.46 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB92601BS

Tot Ion:	70	Resp:	106116
Ion	Ratio	Lower	Upper
70	100		
42	49.4	38.6	57.8
101	9.7	8.3	12.5
130	21.5	19.0	28.4

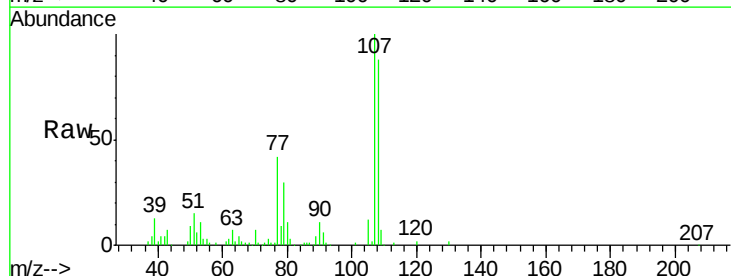


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

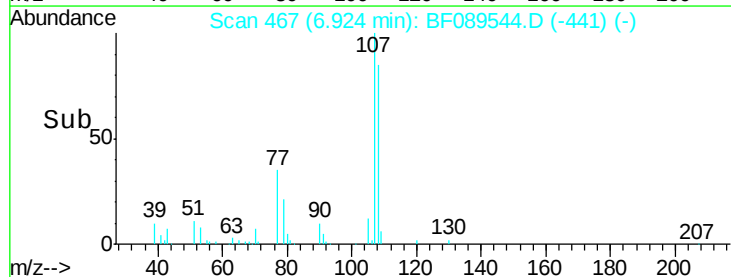
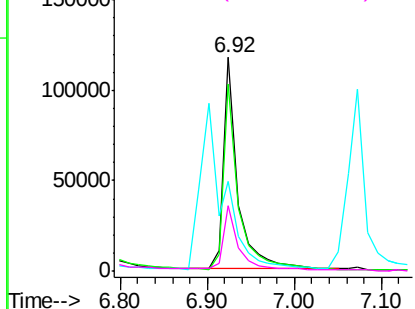


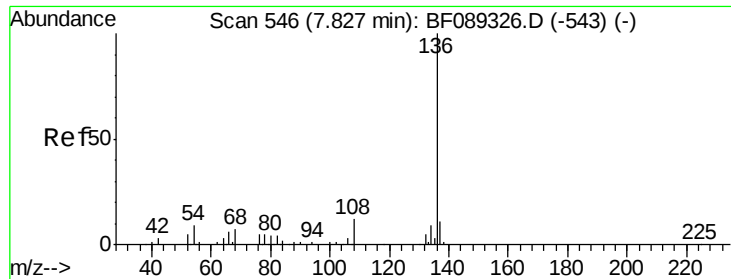
#20
3+4-Methylphenols
Concen: 45.08 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

Tgt Ion:	107	Resp:	136268
Ion	Ratio	Lower	Upper
107	100		
108	87.6	63.3	103.3
77	42.0	51.1	91.1#
79	30.5	9.3	49.3



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB92601BS

Tot Ion:136 Resp: 179487

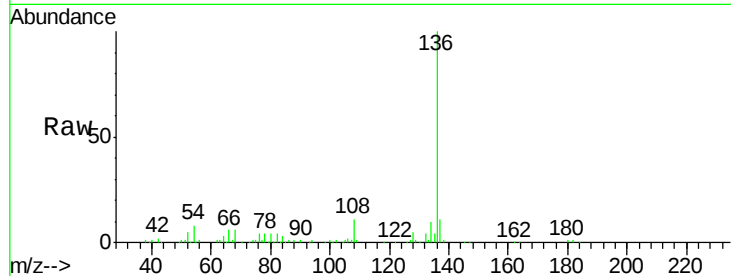
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 7.7 7.0 10.4

68 5.9 4.9 7.3

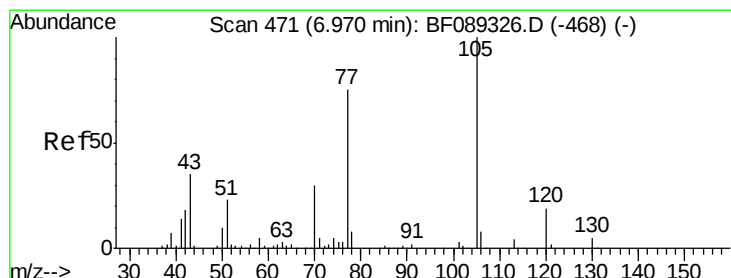
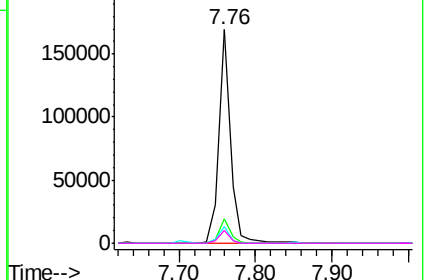
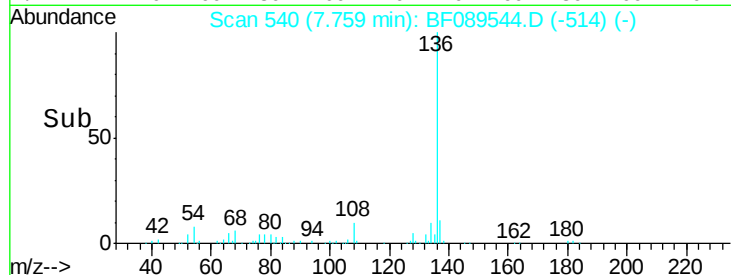


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.59 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

Tgt Ion:105 Resp: 177715

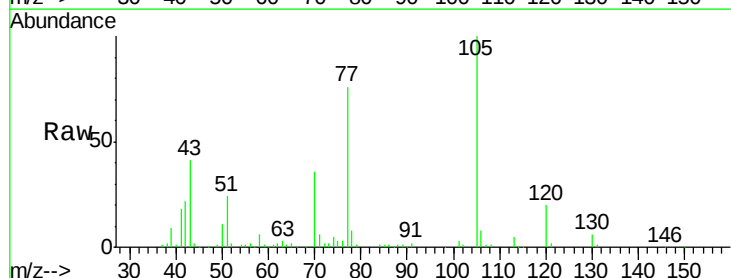
Ion Ratio Lower Upper

105 100

71 6.2 4.2 6.2

51 23.7 18.7 28.1

120 19.6 15.8 23.6

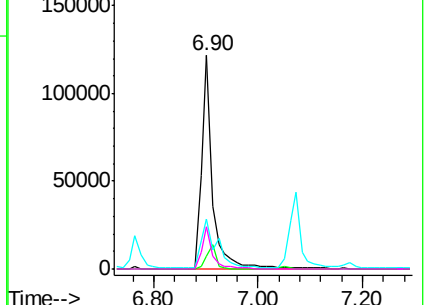
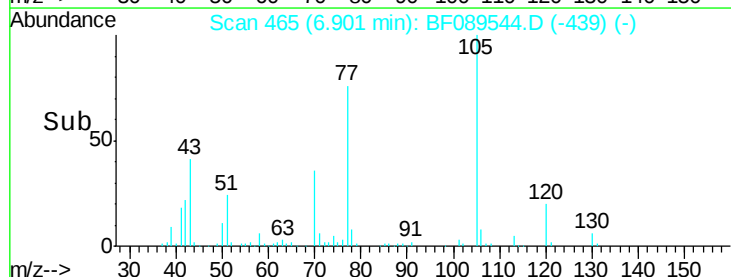


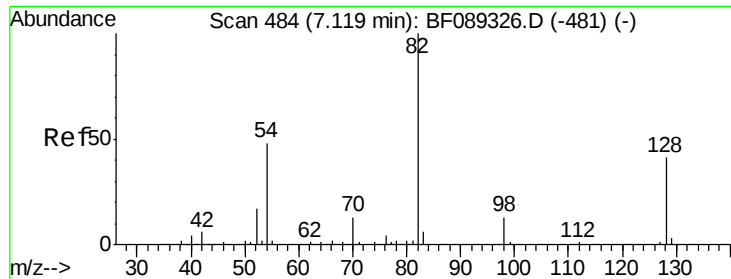
Abundance Ion 105.00 (104.70 to 105.70): E

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

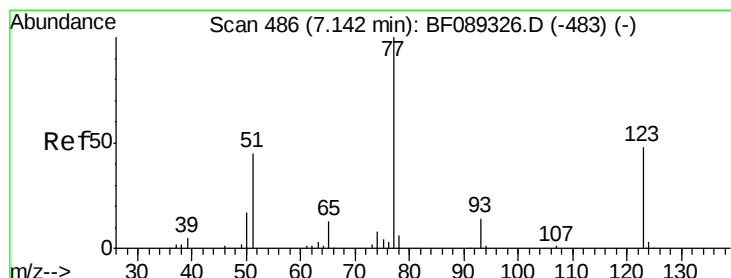
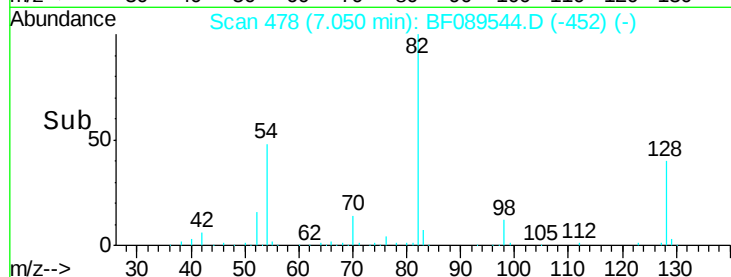
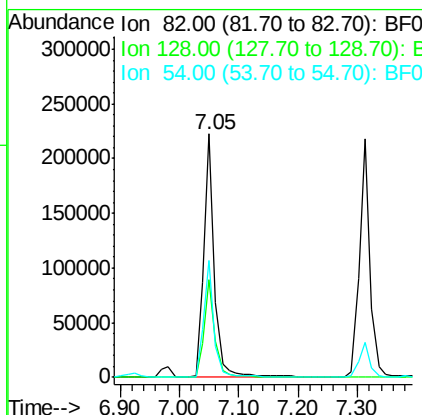
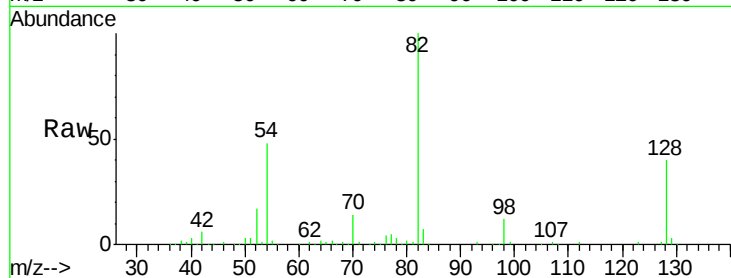




#23
 Nitrobenzene-d5
 Concen: 94.64 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF089544.D
 Acq: 2 Aug 2016 13:44

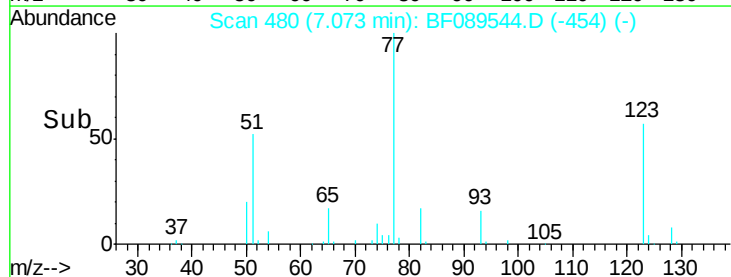
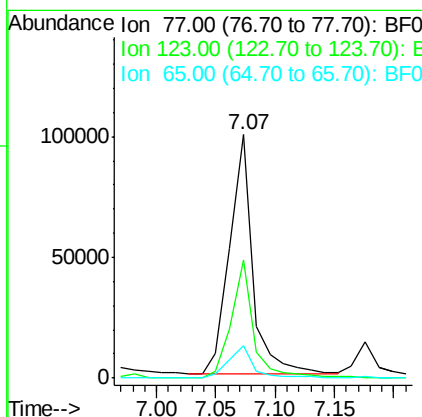
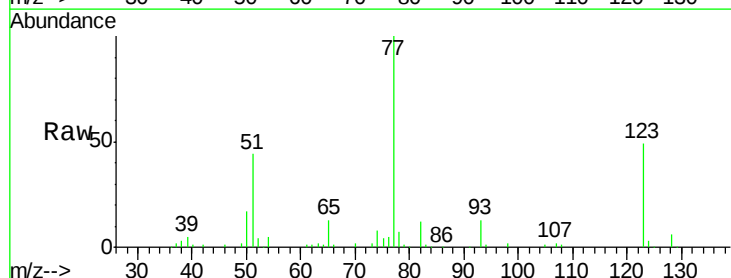
Instrument :
 BNA_F
 ClientSampleId :
 PB92601BS

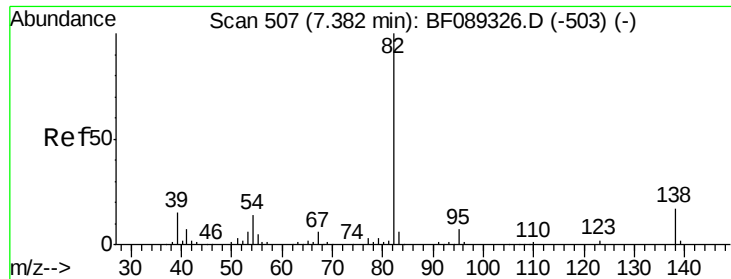
Tot Ion	82	Resp	287769
Ion Ratio	100	Lower	Upper
128	40.3	32.5	48.7
54	48.3	38.8	58.2



#24
 Nitrobenzene
 Concen: 39.07 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.00 min
 Lab File: BF089544.D
 Acq: 2 Aug 2016 13:44

Tgt Ion	77	Resp	135208
Ion Ratio	100	Lower	Upper
123	48.7	37.2	55.8
65	13.2	10.2	15.4

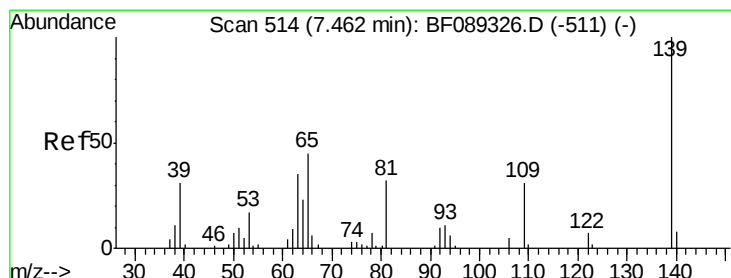
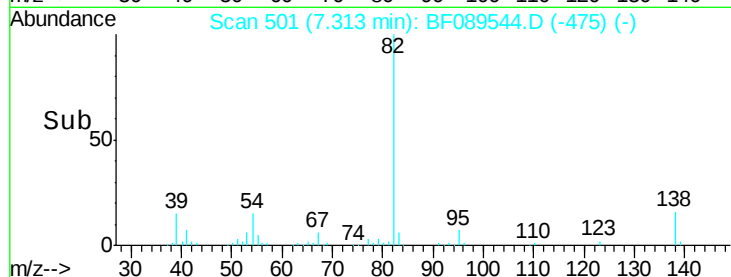
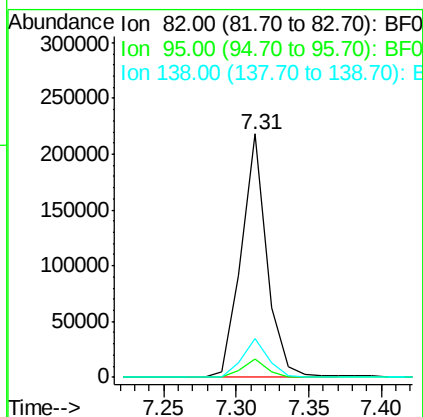
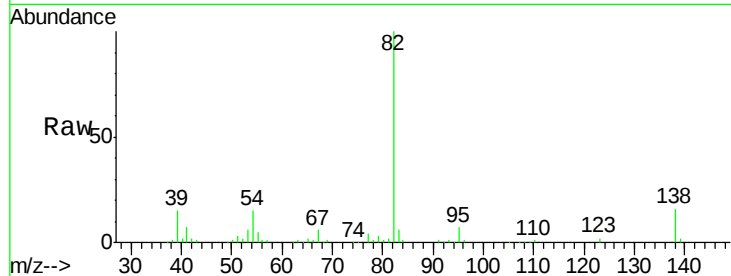




#25
Isophorone
Concen: 43.38 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

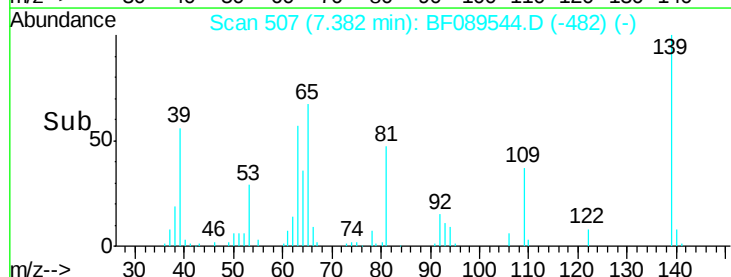
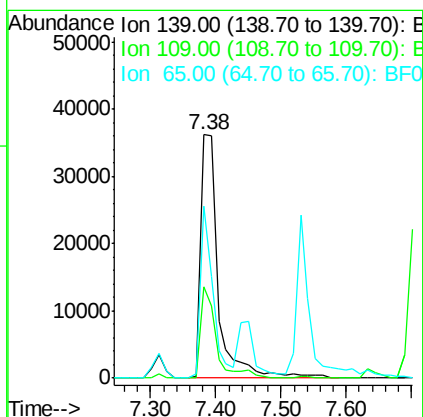
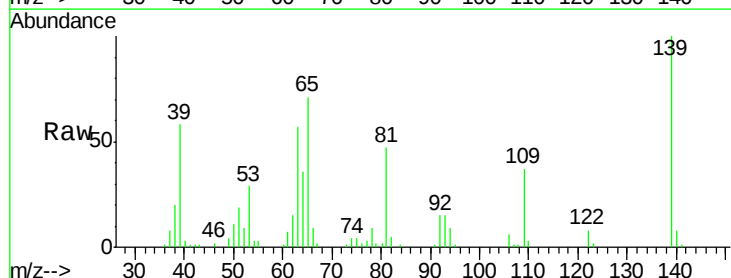
Instrument :
BNA_F
ClientSampleId :
PB92601BS

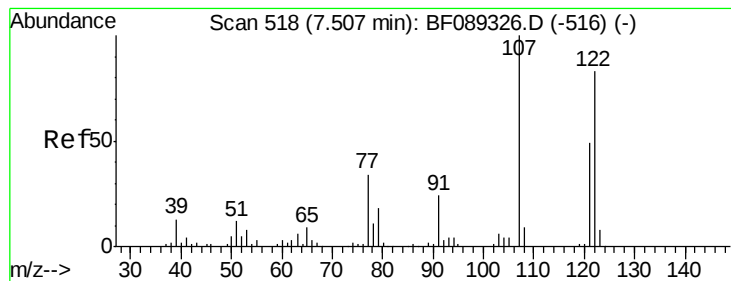
Tot Ion: 82 Resp: 265692
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 16.2 13.3 19.9



#26
2-Nitrophenol
Concen: 43.42 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

Tgt Ion: 139 Resp: 67192
Ion Ratio Lower Upper
139 100
109 37.5 25.8 38.8
65 70.8 35.2 52.8#





#27

2,4-Dimethylphenol

Concen: 46.35 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB92601BS

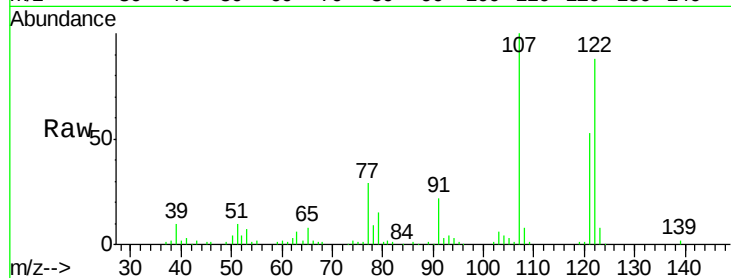
Tot Ion:122 Resp: 114249

Ion Ratio Lower Upper

122 100

107 114.0 97.2 145.8

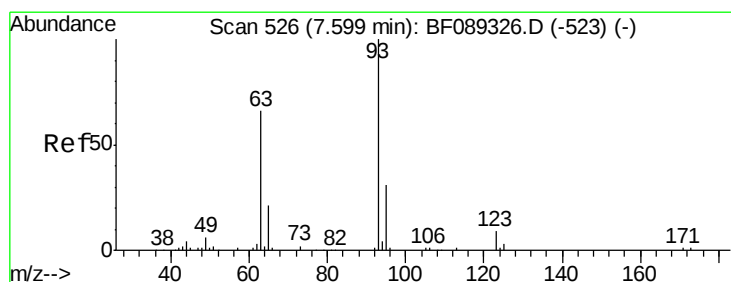
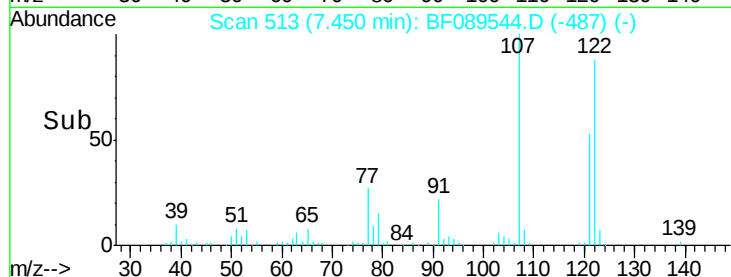
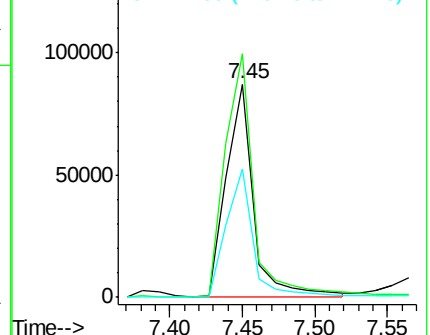
121 60.3 48.8 73.2



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: 47.92 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

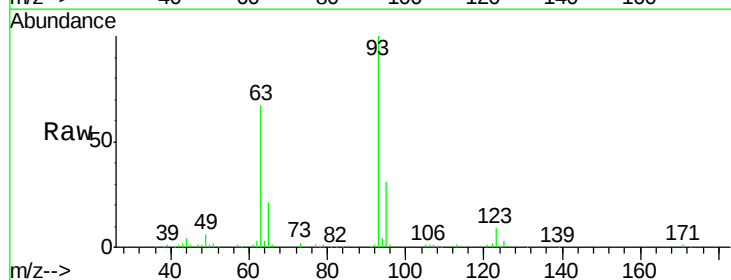
Tgt Ion: 93 Resp: 162499

Ion Ratio Lower Upper

93 100

95 31.1 24.7 37.1

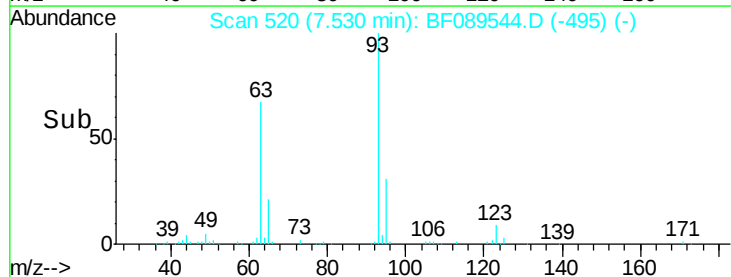
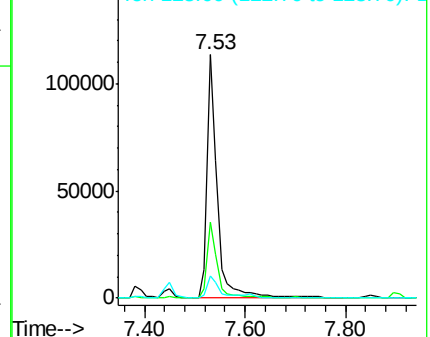
123 9.1 7.5 11.3

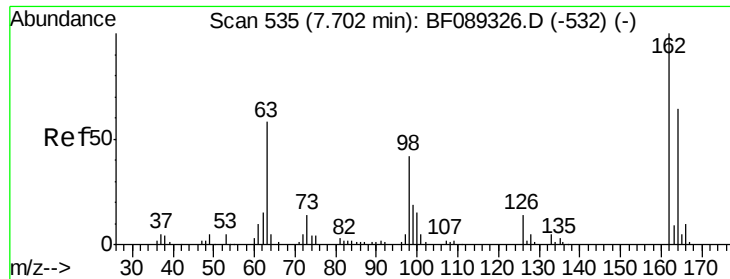


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

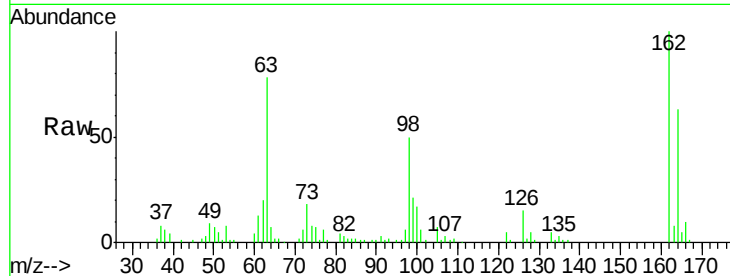




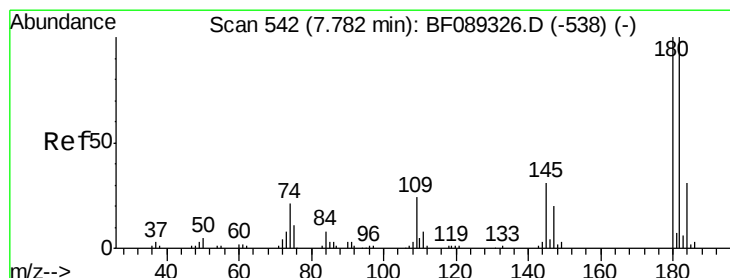
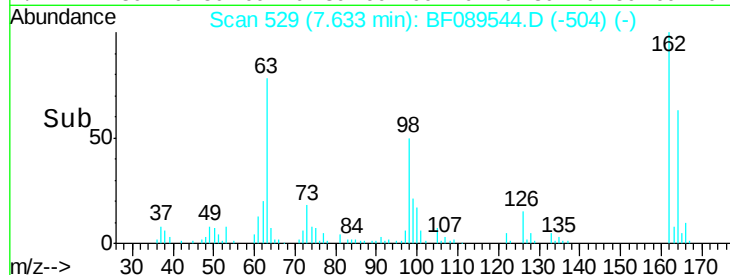
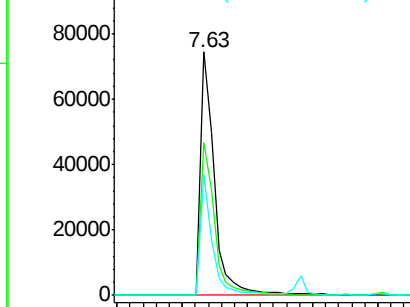
#29
 2,4-Dichlorophenol
 Concen: 48.70 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: BF089544.D
 Acq: 2 Aug 2016 13:44

Instrument :
 BNA_F
 ClientSampleID :
 PB92601BS

Tot Ion:162 Resp: 109389
 Ion Ratio Lower Upper
 162 100
 164 62.6 44.0 84.0
 98 49.7 21.8 61.8

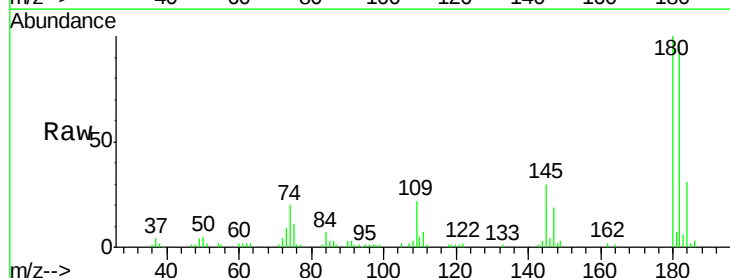


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

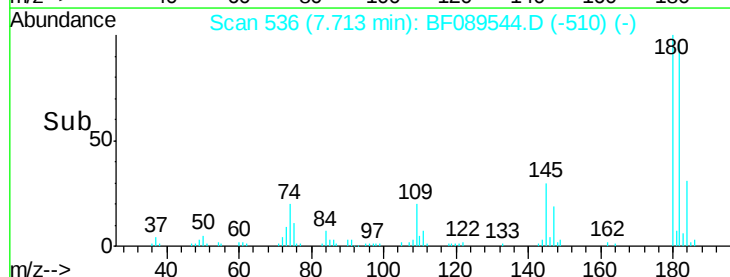
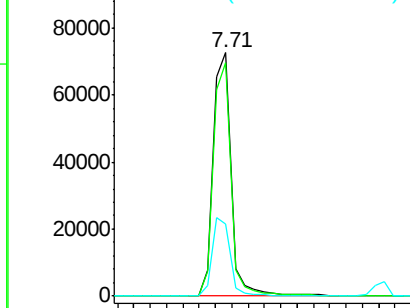


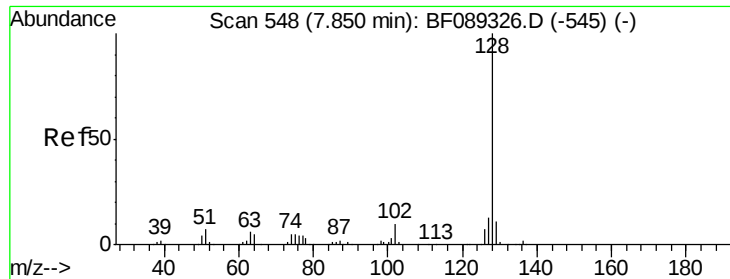
#30
 1,2,4-Trichlorobenzene
 Concen: 43.82 ng
 RT: 7.71 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: BF089544.D
 Acq: 2 Aug 2016 13:44

Tgt Ion:180 Resp: 112292
 Ion Ratio Lower Upper
 180 100
 182 95.8 78.2 117.2
 145 29.7 24.6 36.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.68 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB92601BS

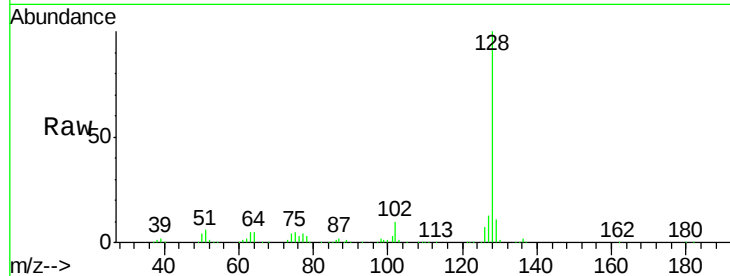
Tot Ion:128 Resp: 397120

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

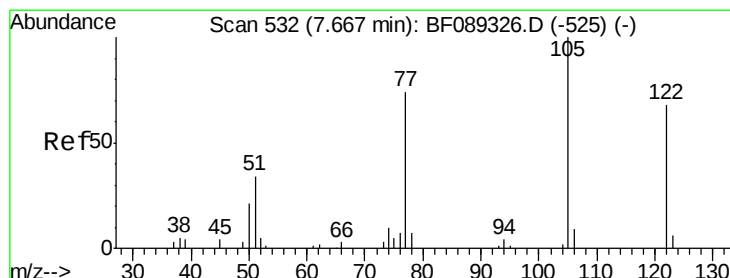
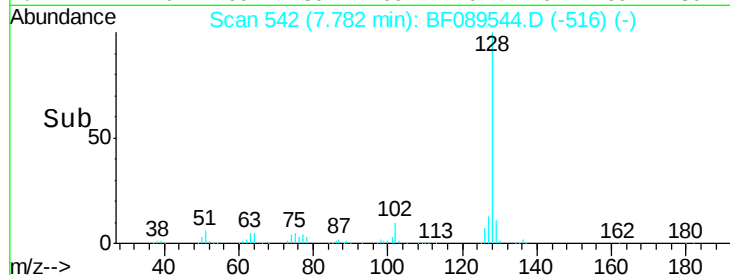
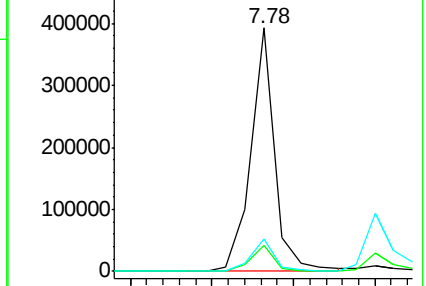
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.28 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

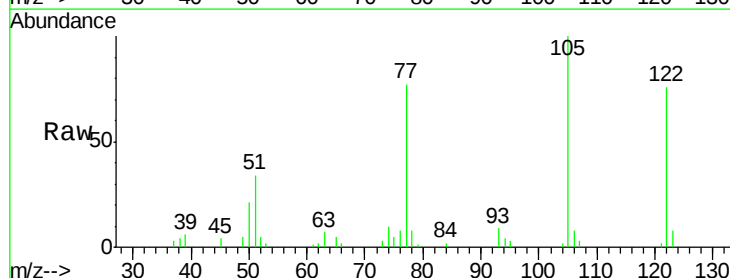
Tgt Ion:122 Resp: 65745

Ion Ratio Lower Upper

122 100

105 131.0 106.4 146.4

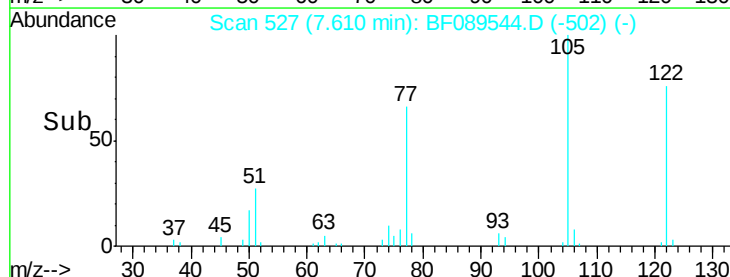
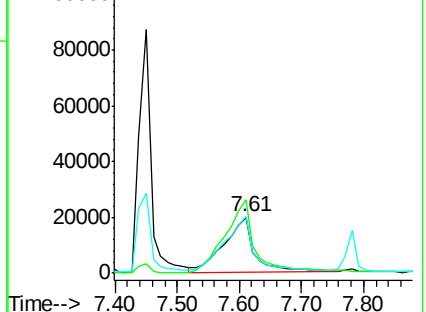
77 101.1 76.4 116.4

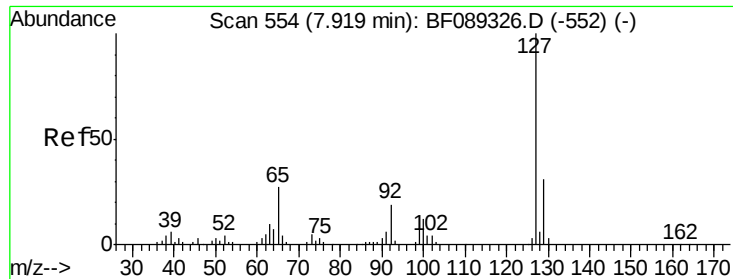


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

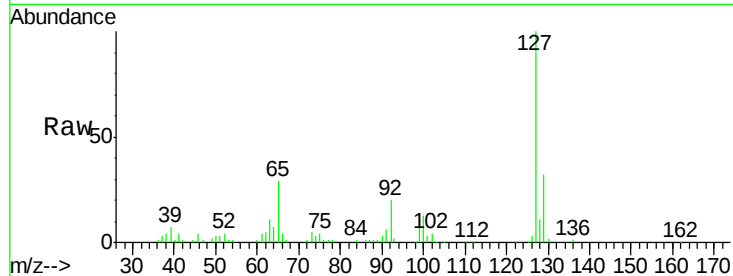




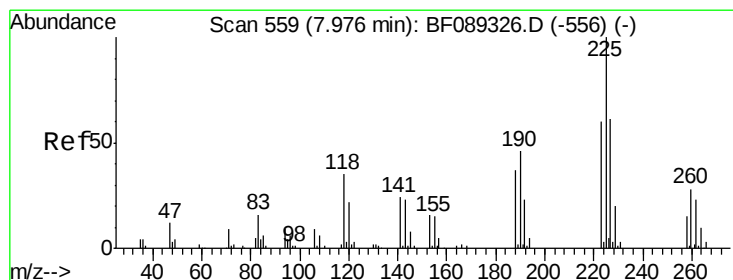
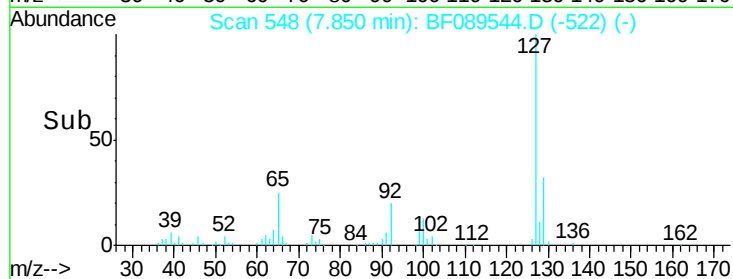
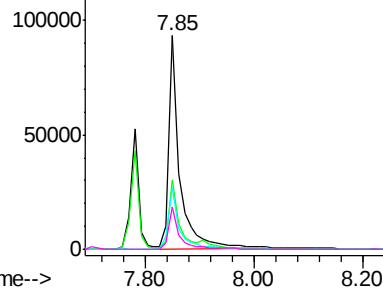
#33
4-Chloroaniline
Concen: 38.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

Instrument :
BNA_F
ClientSampled :
PB92601BS

Tot Ion:	127	Resp:	128593
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	28.5	22.0	33.0
92	19.7	15.2	22.8

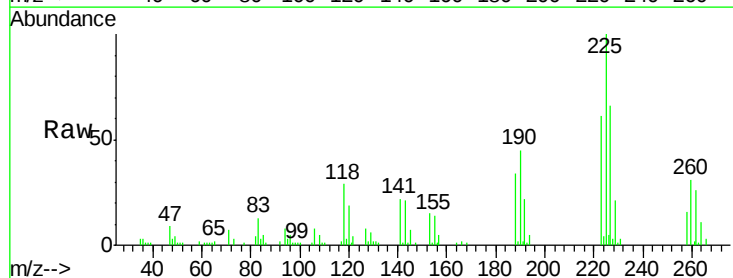


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

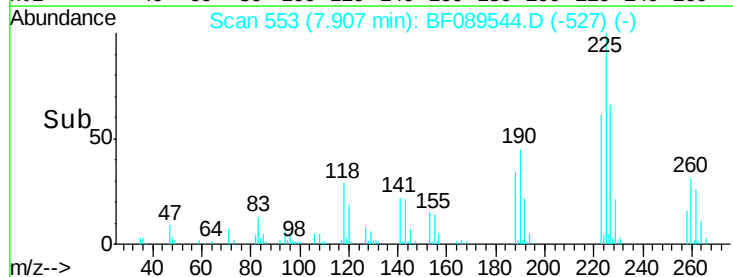
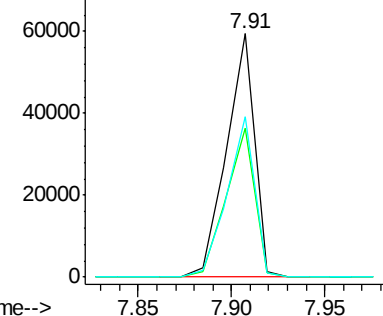


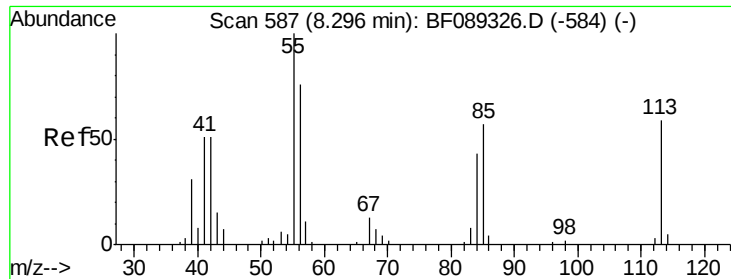
#34
Hexachlorobutadiene
Concen: 41.99 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

Tgt Ion:	225	Resp:	61627
Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.8	74.8
227	65.7	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: 48.75 ng/ml

RT: 8.23 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

Instrument :

BNA_F

ClientSampleID :

PB92601BS

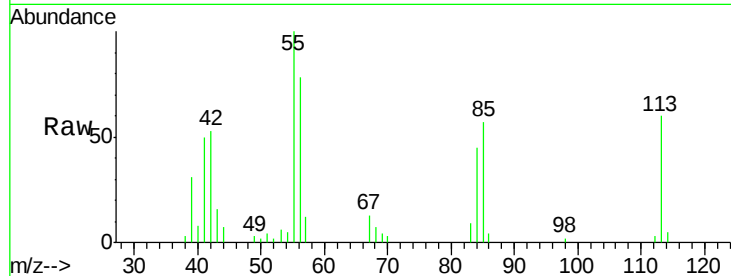
Tot Ion:113 Resp: 33050

Ion Ratio Lower Upper

113 100

55 165.7 142.3 182.3

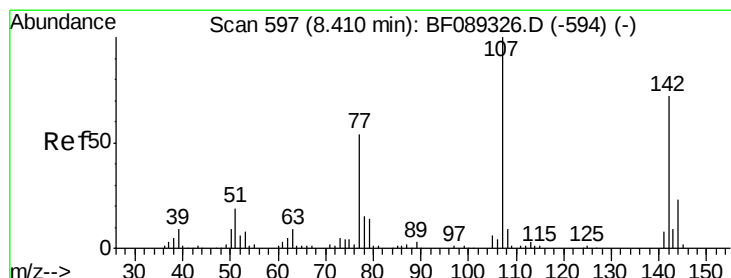
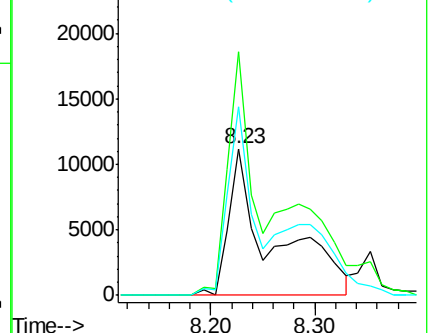
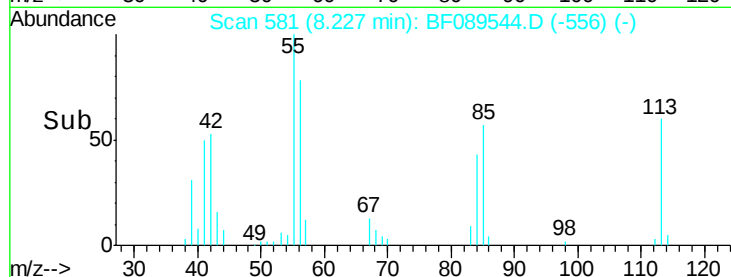
56 128.7 105.8 145.8



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: 49.27 ng/ml

RT: 8.35 min Scan# 592

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

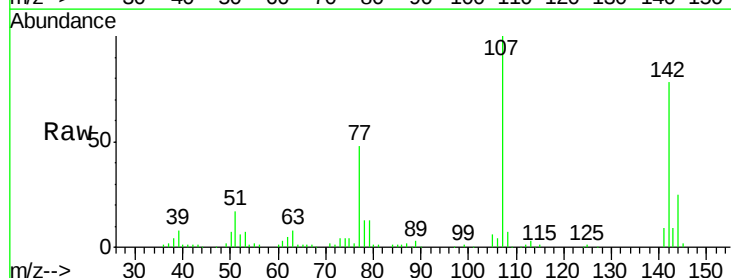
Tgt Ion:107 Resp: 131518

Ion Ratio Lower Upper

107 100

144 25.4 18.4 27.6

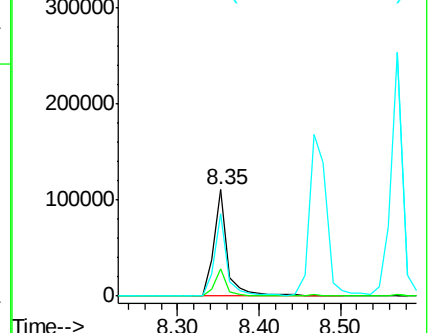
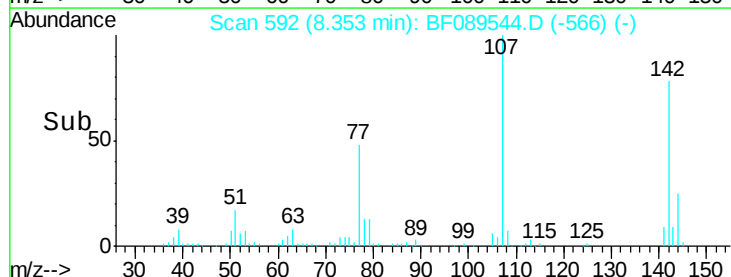
142 77.6 58.6 87.8

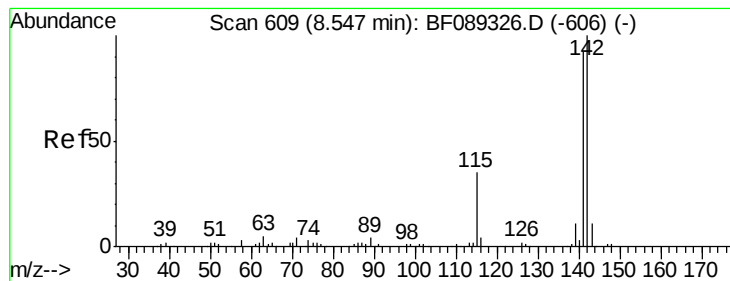


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.26 ng

RT: 8.47 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB92601BS

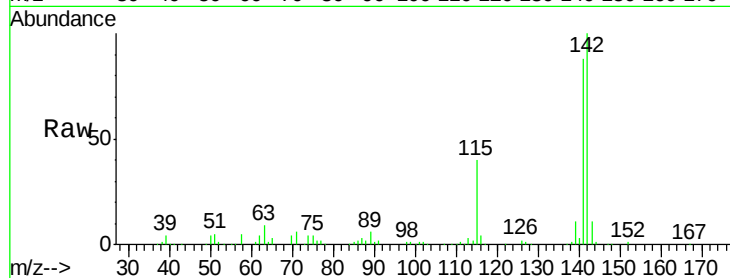
Tot Ion:142 Resp: 242386

Ion Ratio Lower Upper

142 100

141 88.3 70.9 106.3

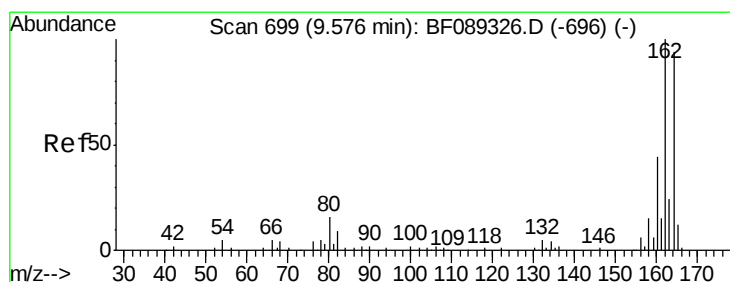
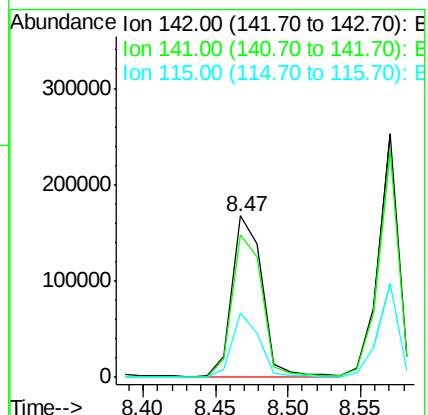
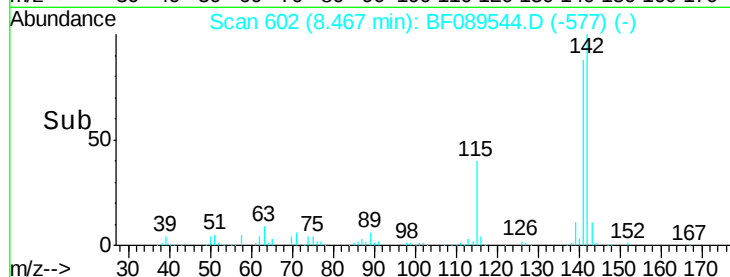
115 39.8 27.6 41.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

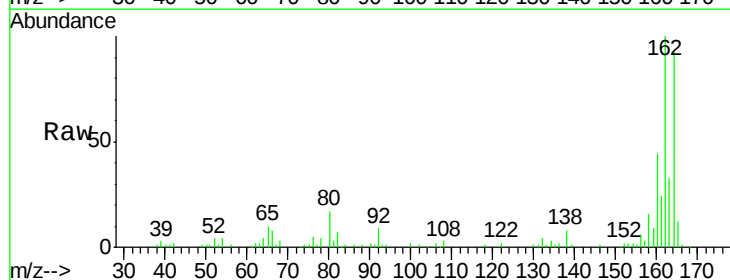
Tgt Ion:164 Resp: 86209

Ion Ratio Lower Upper

164 100

162 107.8 83.7 125.5

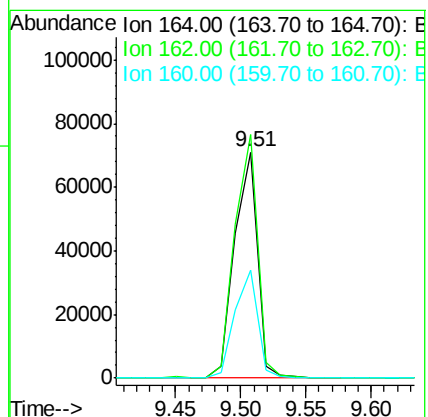
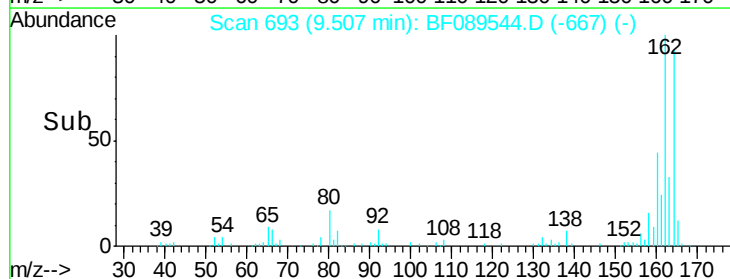
160 47.8 37.8 56.6

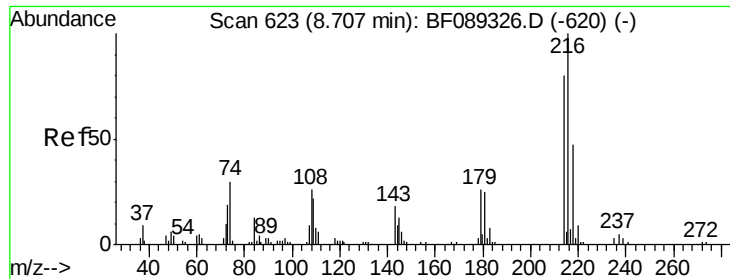


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.01 ng

RT: 8.64 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB92601BS

Tot Ion:216 Resp: 96579

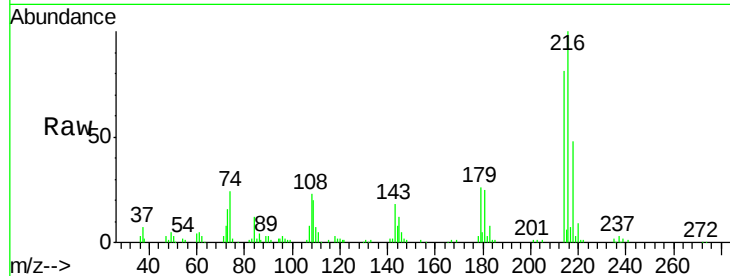
Ion Ratio Lower Upper

216 100

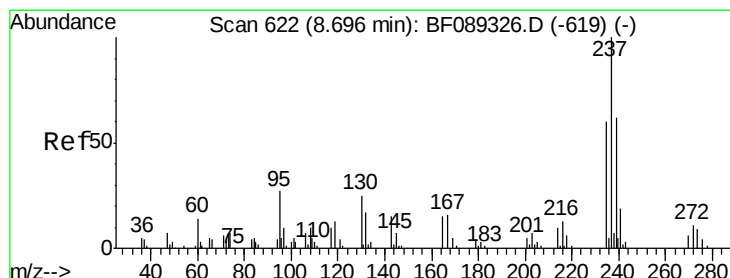
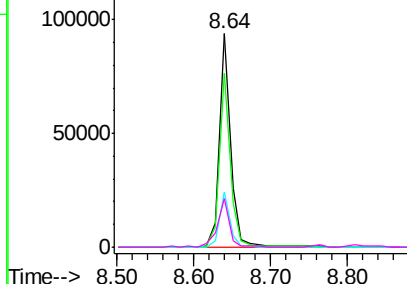
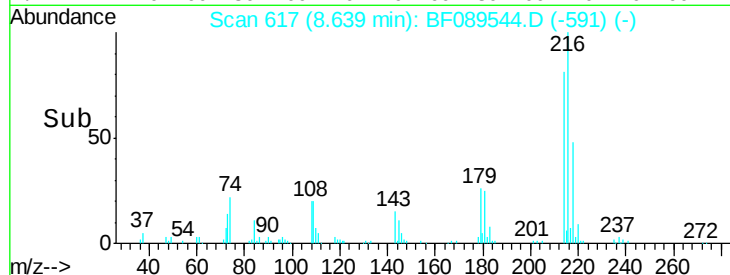
214 79.8 63.3 94.9

179 23.4 18.1 27.1

108 24.2 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: 88.27 ng

RT: 8.63 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

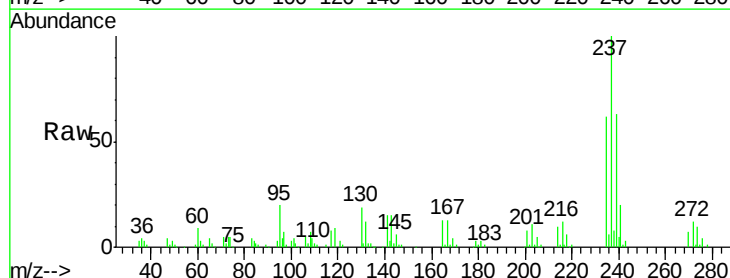
Tgt Ion:237 Resp: 76804

Ion Ratio Lower Upper

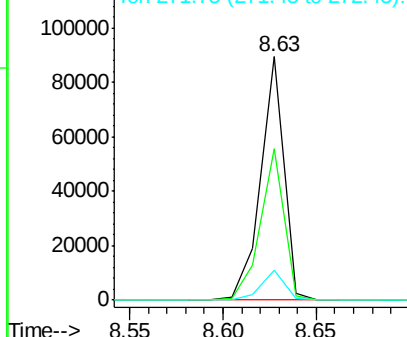
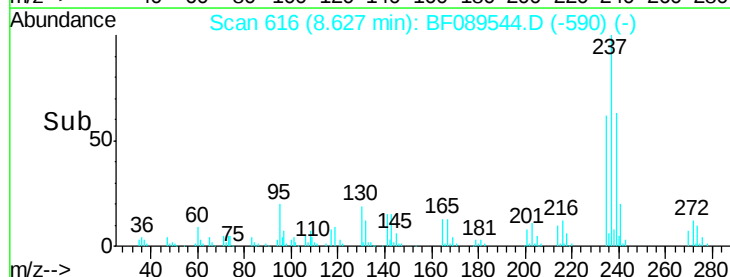
237 100

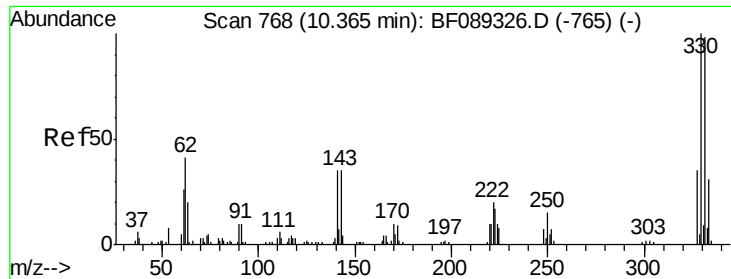
235 62.2 41.6 81.6

272 12.0 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

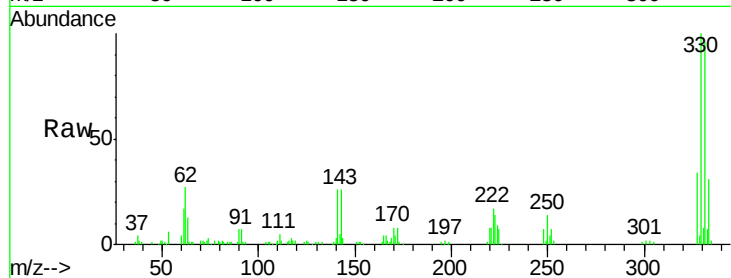




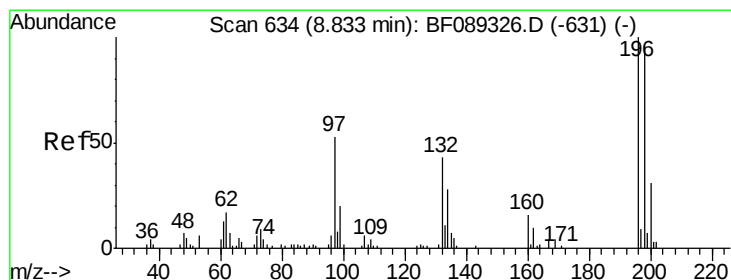
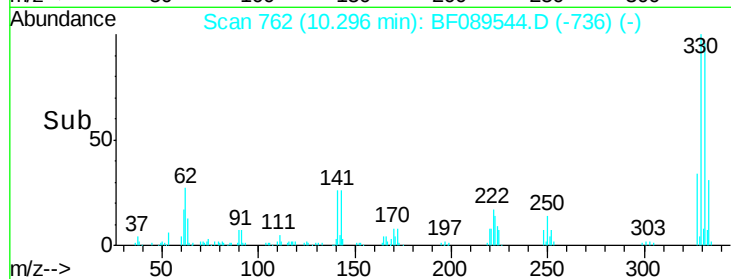
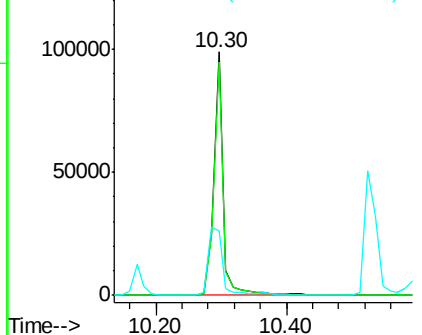
#41
 2,4,6-Tribromophenol
 Concen: 142.31 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF089544.D
 Acq: 2 Aug 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB92601BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.8	115.2
141	41.5	37.3	55.9

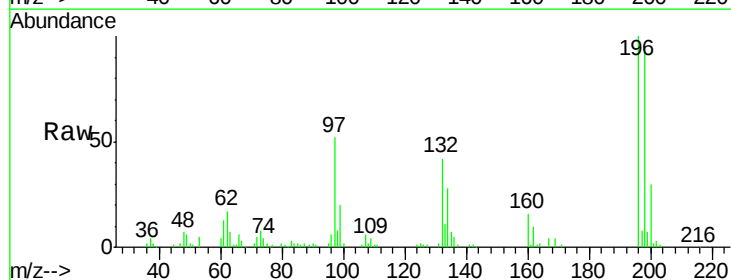


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

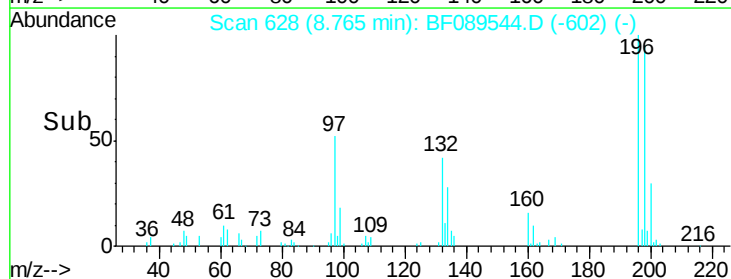
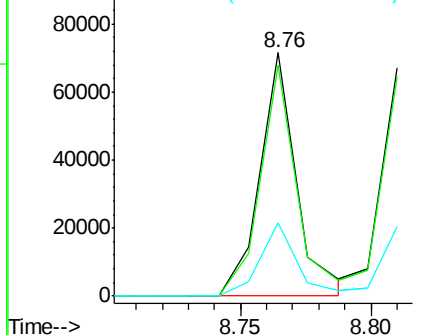


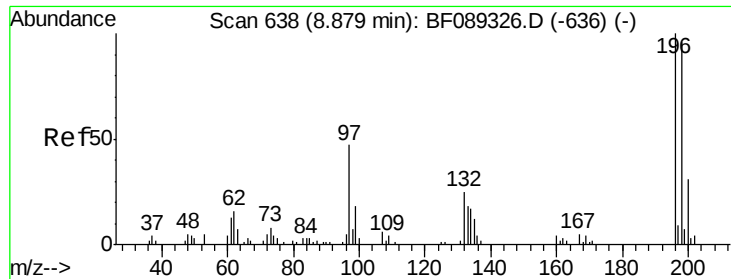
#42
 2,4,6-Trichlorophenol
 Concen: 48.88 ng
 RT: 8.76 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF089544.D
 Acq: 2 Aug 2016 13:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.5	113.3
200	30.1	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

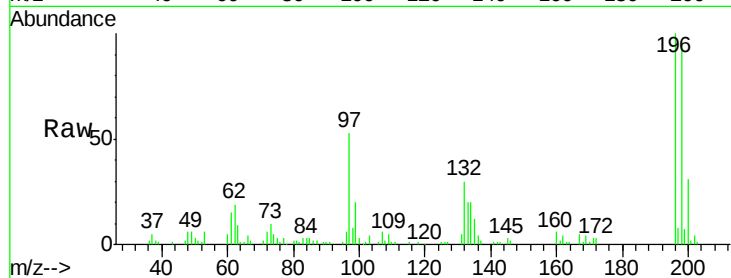




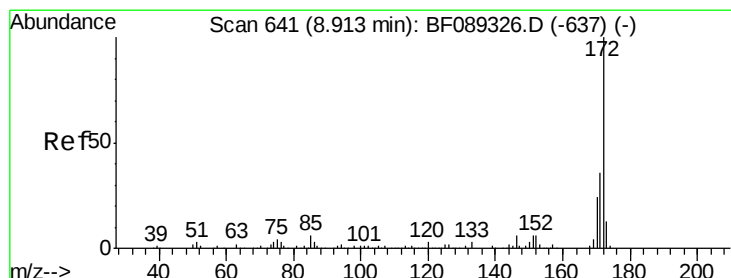
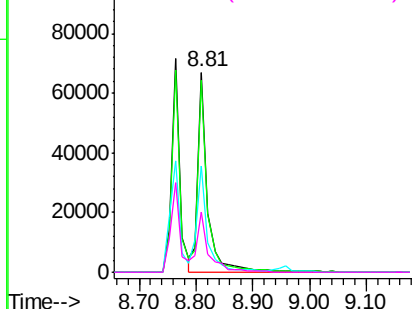
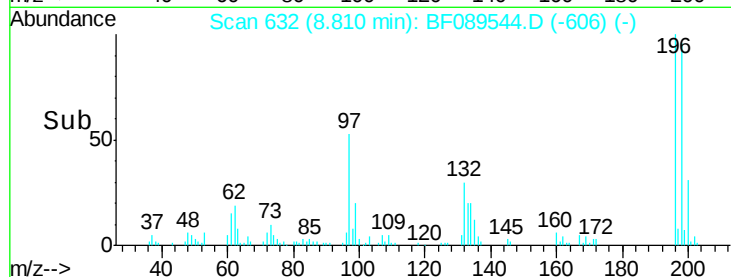
#43
 2,4,5-Trichlorophenol
 Concen: 45.12 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF089544.D
 Acq: 2 Aug 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB92601BS

Tot Ion:196 Resp: 81979
 Ion Ratio Lower Upper
 196 100
 198 96.0 78.7 118.1
 97 53.4 39.7 59.5
 132 29.8 22.8 34.2

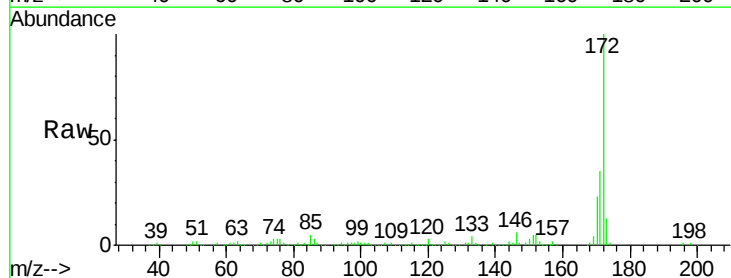


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

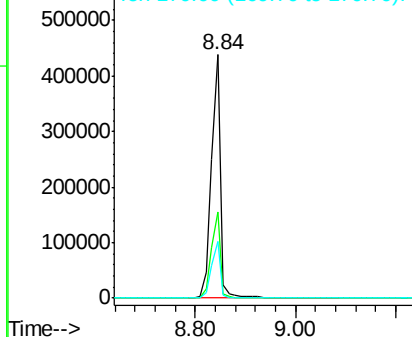
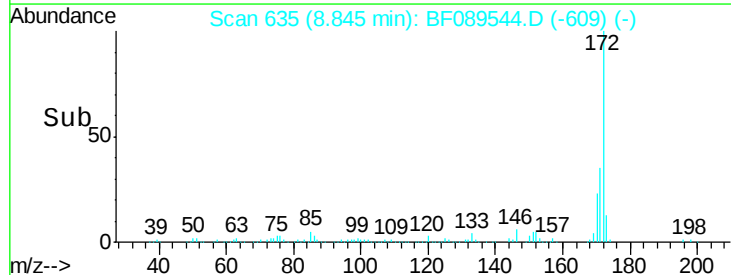


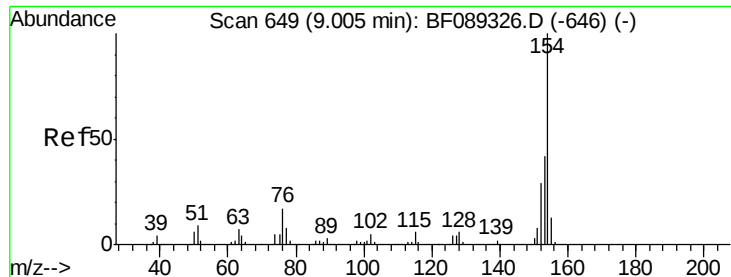
#44
 2-Fluorobiphenyl
 Concen: 92.58 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF089544.D
 Acq: 2 Aug 2016 13:44

Tgt Ion:172 Resp: 543852
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.2 43.8
 170 23.3 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: 38.40 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB92601BS

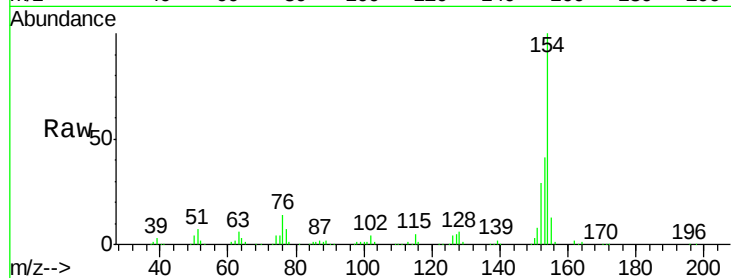
Tot Ion:154 Resp: 281854

Ion Ratio Lower Upper

154 100

153 41.2 21.0 61.0

76 13.9 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

8.94

300000

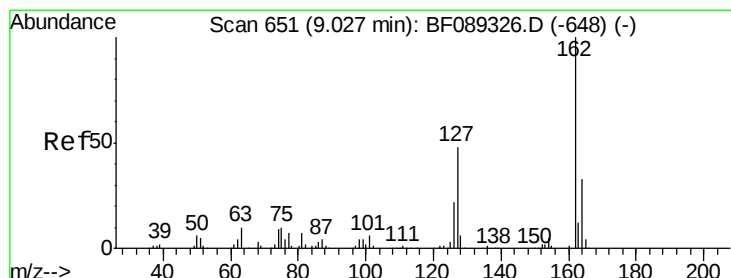
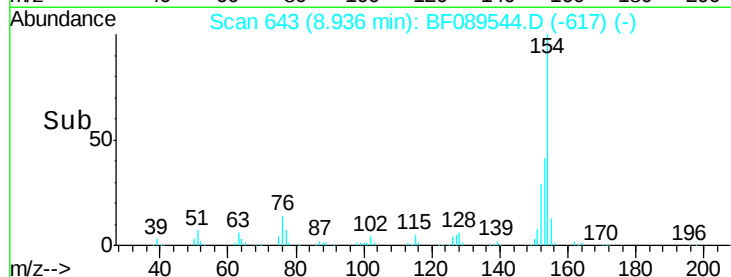
200000

100000

0

8.80 9.00 9.20

Time-->



#46

2-Chloronaphthalene

Concen: 45.88 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

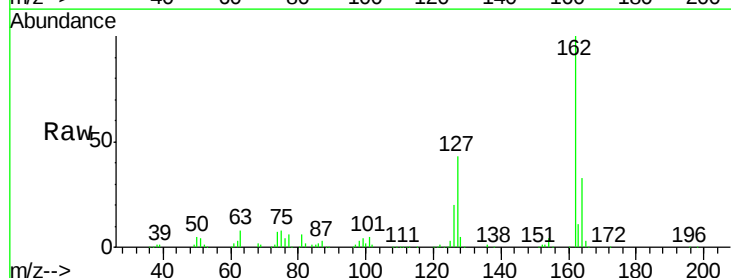
Tgt Ion:162 Resp: 252891

Ion Ratio Lower Upper

162 100

127 43.5 37.8 56.8

164 33.3 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

8.96

300000

250000

200000

150000

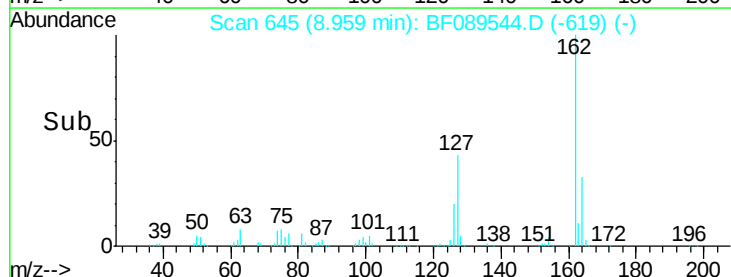
100000

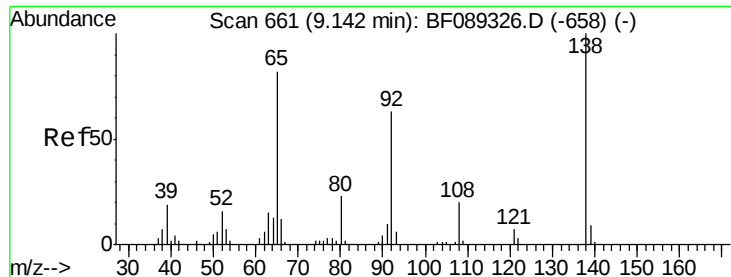
50000

0

8.80 9.00 9.20

Time-->

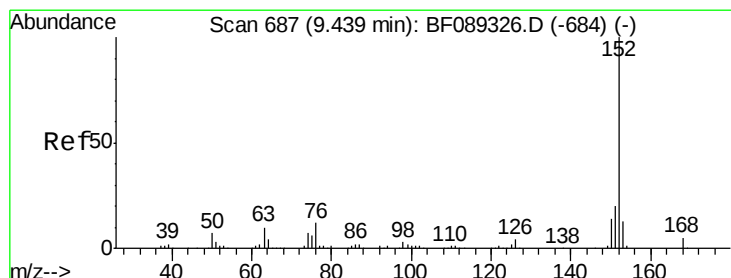
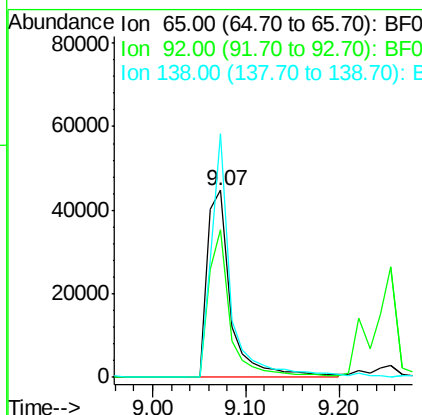
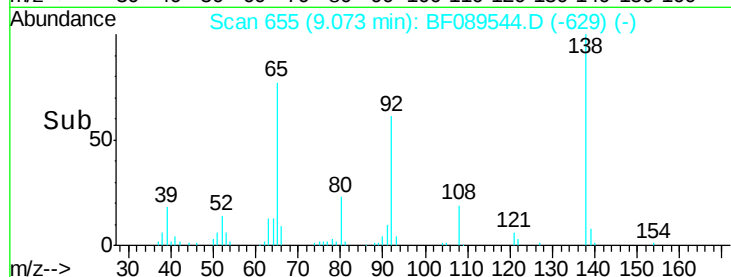
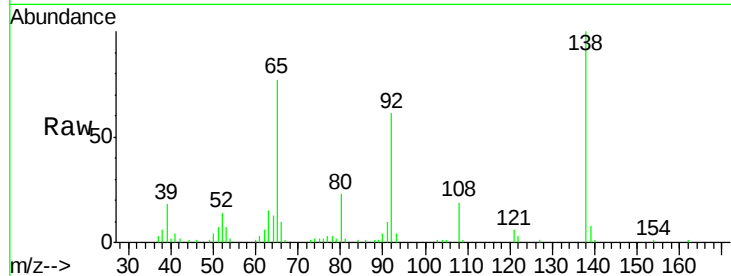




#47
 2-Nitroaniline
 Concen: 48.82 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF089544.D
 Acq: 2 Aug 2016 13:44

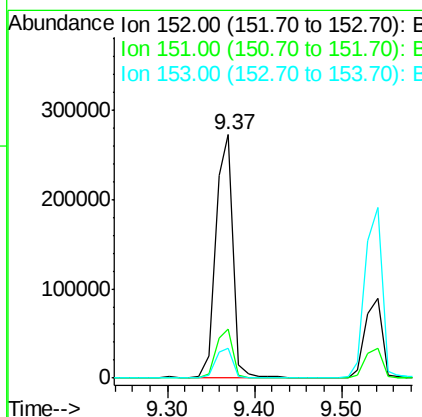
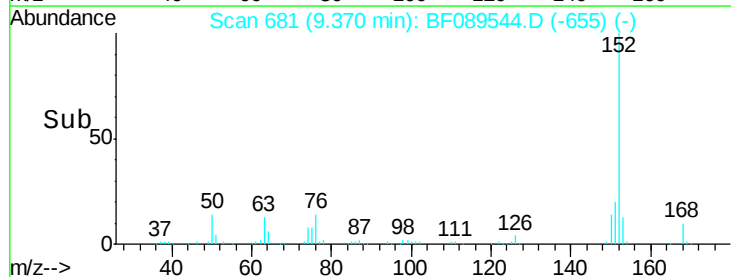
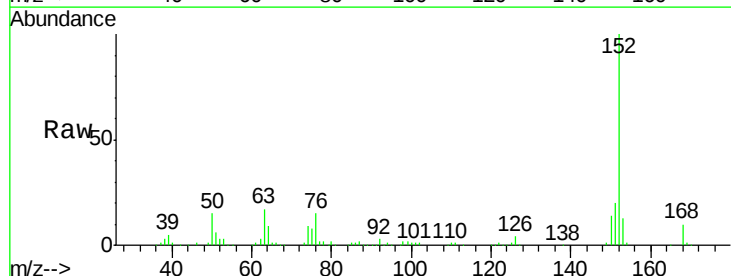
Instrument :
 BNA_F
 ClientSampleId :
 PB92601BS

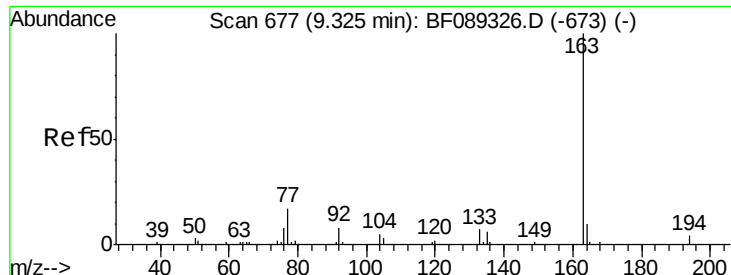
Tot Ion:	65	Resp:	79692
Ion	Ratio	Lower	Upper
65	100		
92	79.1	61.0	91.4
138	130.3	99.1	148.7



#48
 Acenaphthylene
 Concen: 43.90 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF089544.D
 Acq: 2 Aug 2016 13:44

Tgt Ion:	152	Resp:	381208
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	12.5	10.2	15.4

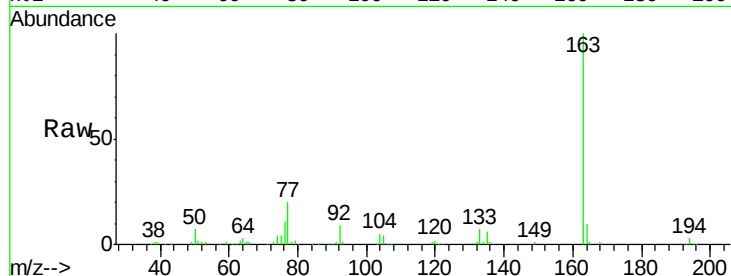




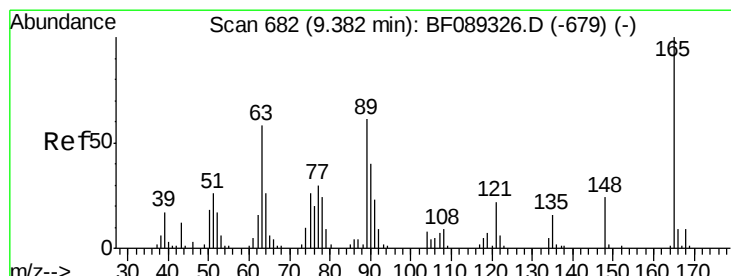
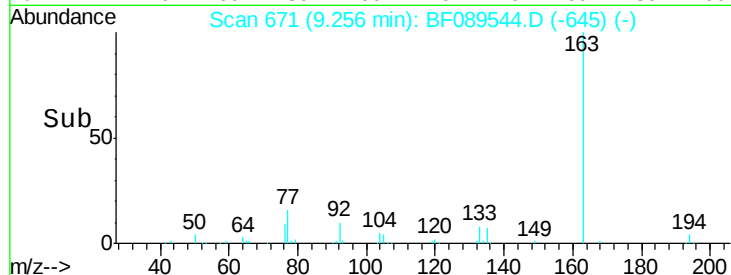
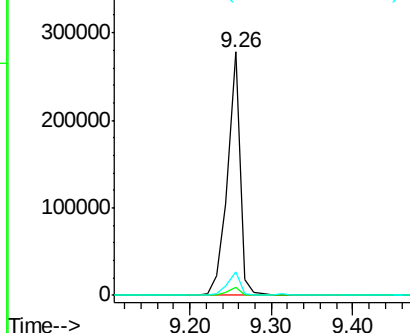
#49
Dimethylphthalate
Concen: 45.44 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB92601BS

Tot Ion:163 Resp: 298151
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 9.8 7.8 11.8

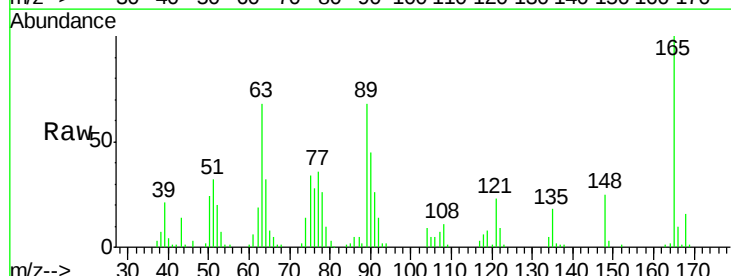


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

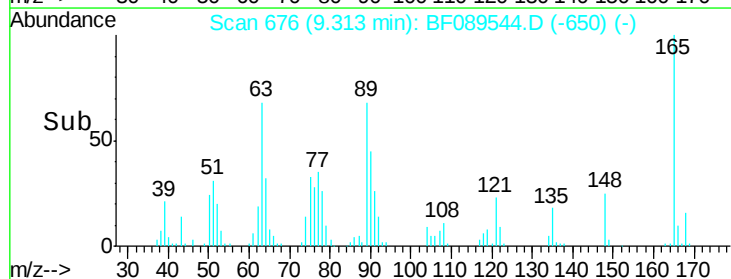
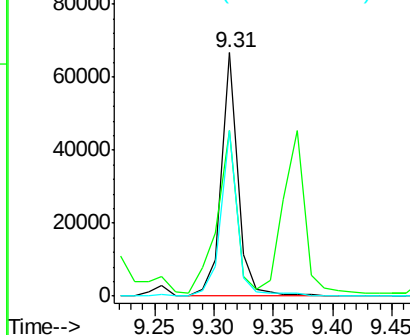


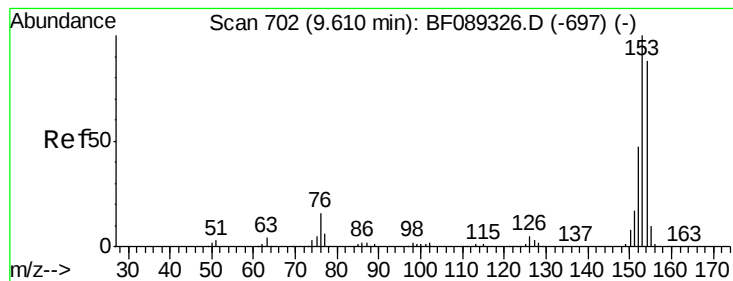
#50
2,6-Dinitrotoluene
Concen: 47.81 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

Tgt Ion:165 Resp: 64454
Ion Ratio Lower Upper
165 100
63 68.1 43.5 65.3#
89 67.9 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: 45.17 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB92601BS

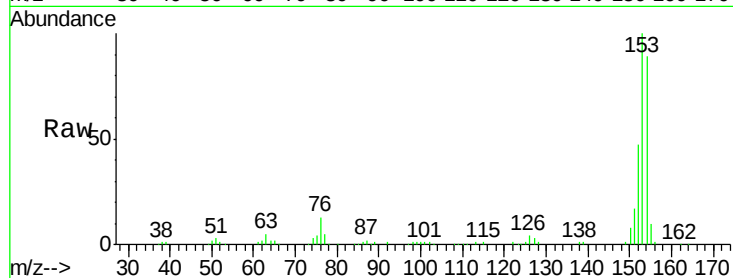
Tot Ion:154 Resp: 229055

Ion Ratio Lower Upper

154 100

153 112.8 91.4 137.2

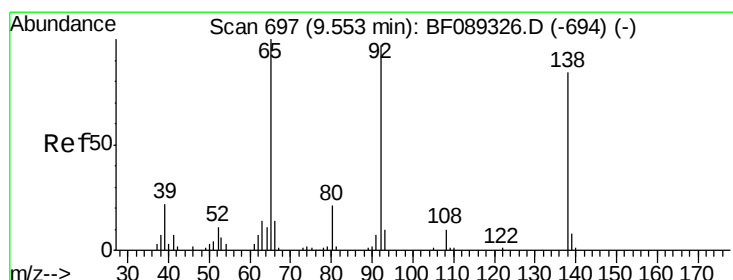
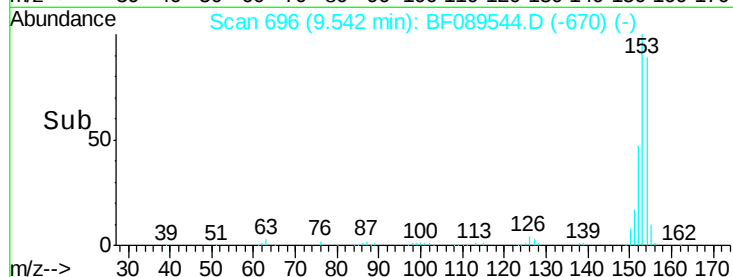
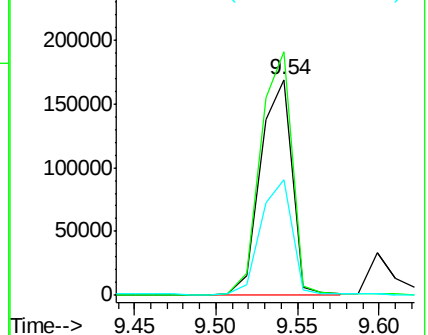
152 53.3 43.8 65.6



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: 38.47 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

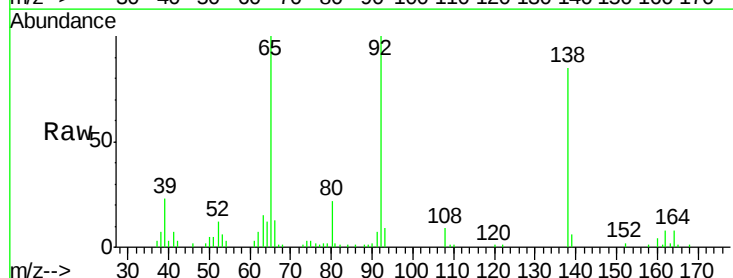
Tgt Ion:138 Resp: 54729

Ion Ratio Lower Upper

138 100

108 10.8 8.6 13.0

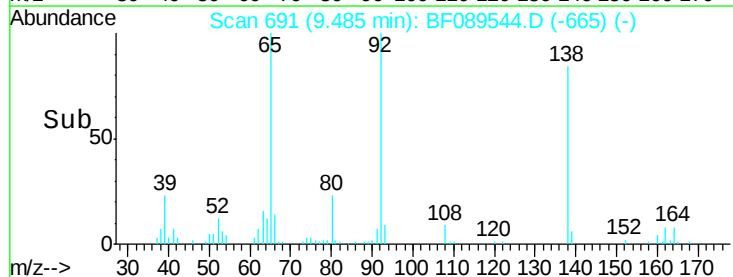
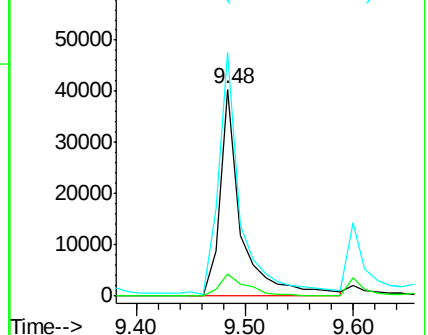
92 117.8 90.0 135.0

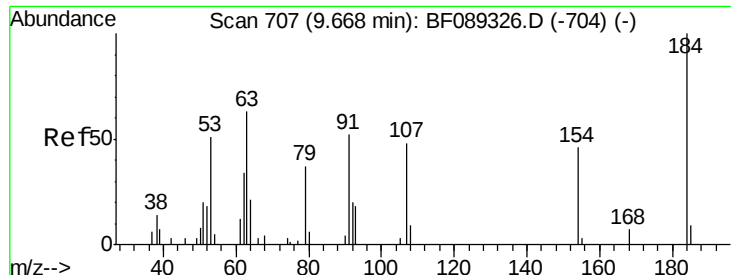


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

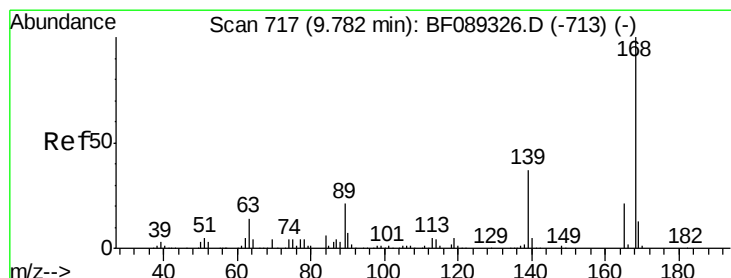
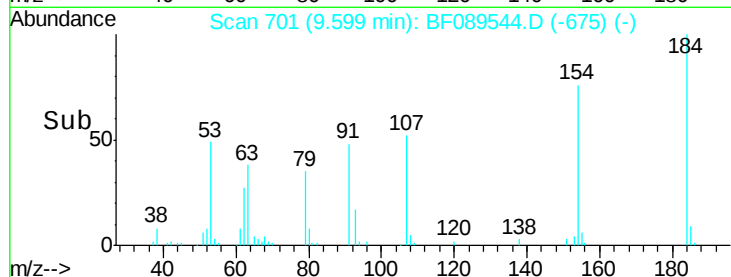
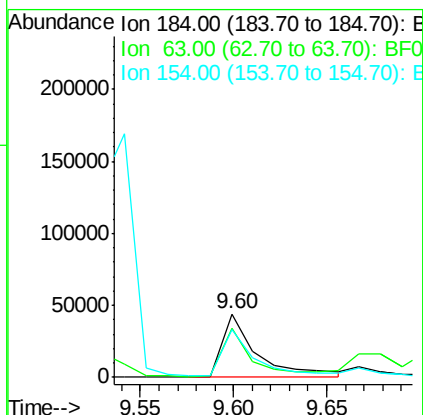
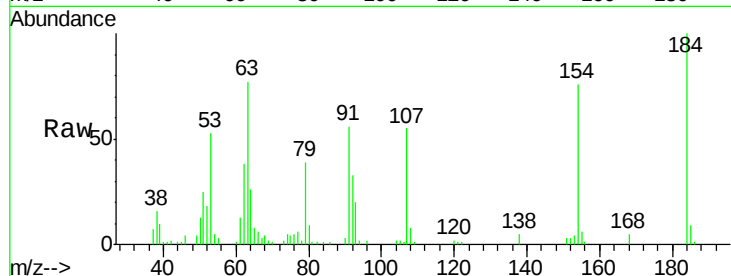




#53
 2,4-Dinitrophenol
 Concen: 88.10 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF089544.D
 Acq: 2 Aug 2016 13:44

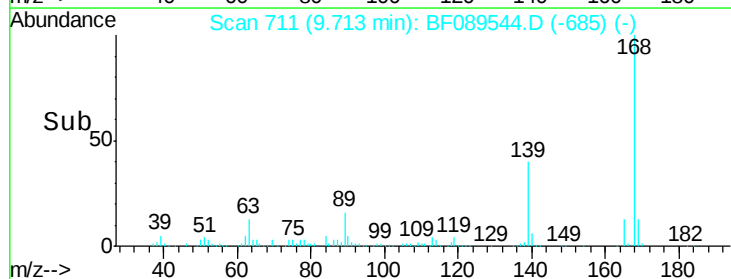
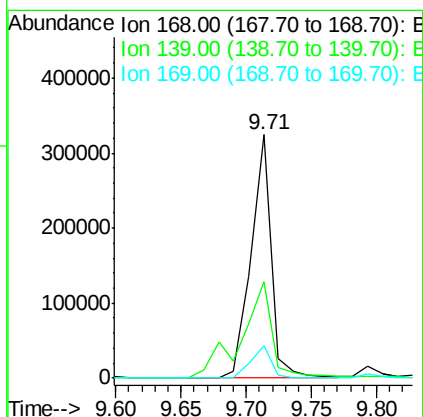
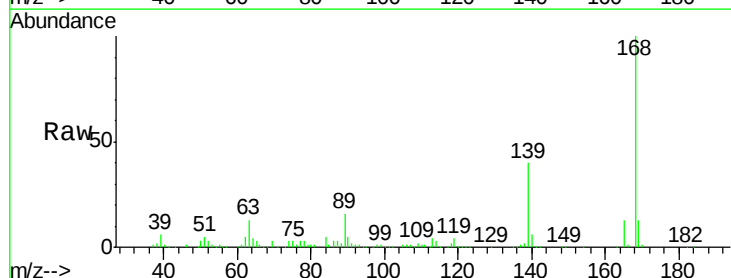
Instrument :
 BNA_F
 ClientSampleId :
 PB92601BS

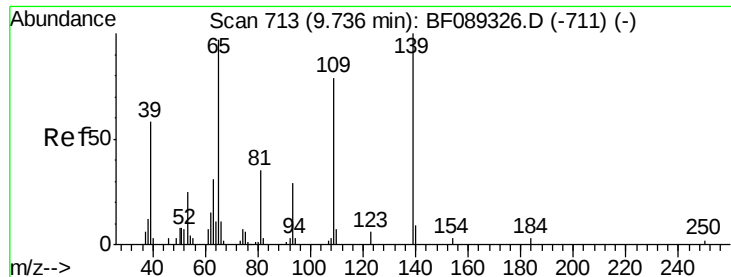
Tot Ion:184 Resp: 58055
 Ion Ratio Lower Upper
 184 100
 63 77.1 60.6 90.8
 154 75.9 69.8 104.8



#54
 Dibenzofuran
 Concen: 50.76 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF089544.D
 Acq: 2 Aug 2016 13:44

Tgt Ion:168 Resp: 350711
 Ion Ratio Lower Upper
 168 100
 139 39.8 33.7 50.5
 169 13.1 10.7 16.1

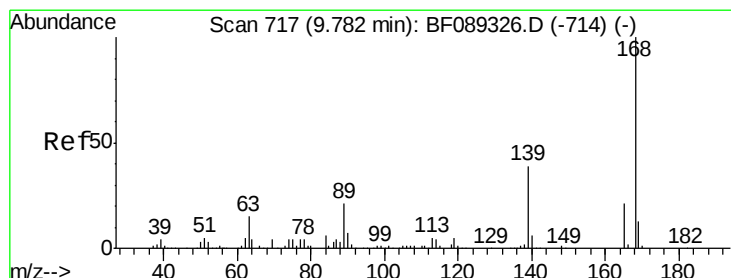
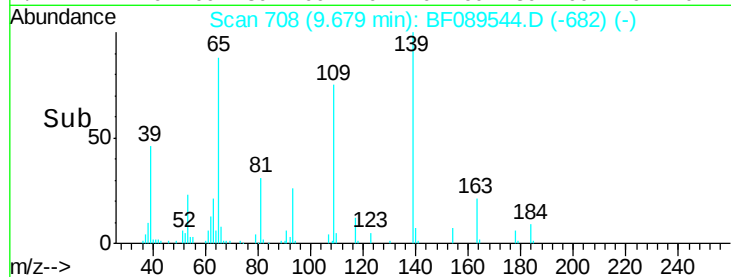
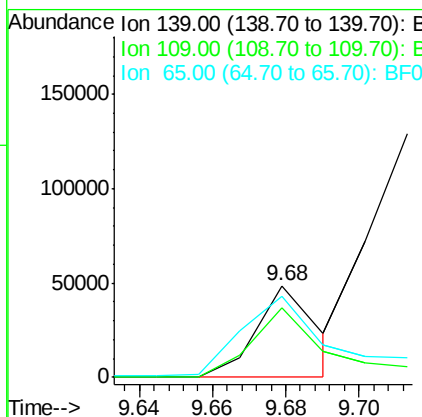
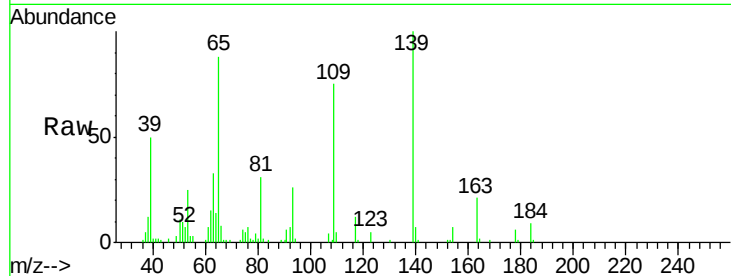




#55
4-Nitrophenol
Concen: 81.15 ng/ml
RT: 9.68 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

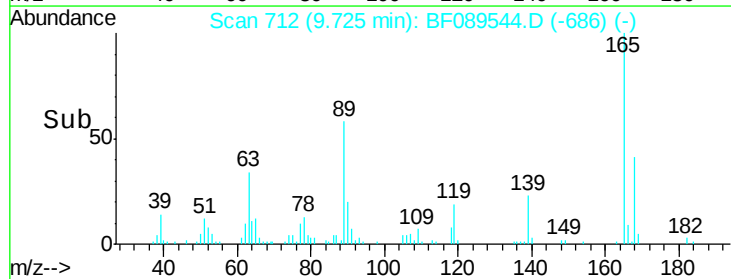
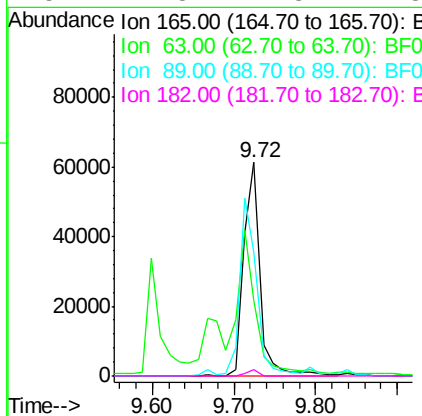
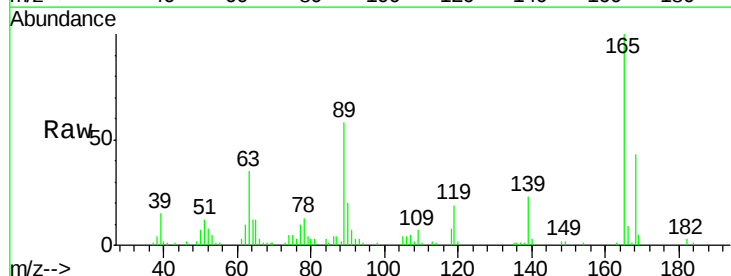
Instrument :
BNA_F
ClientSampleId :
PB92601BS

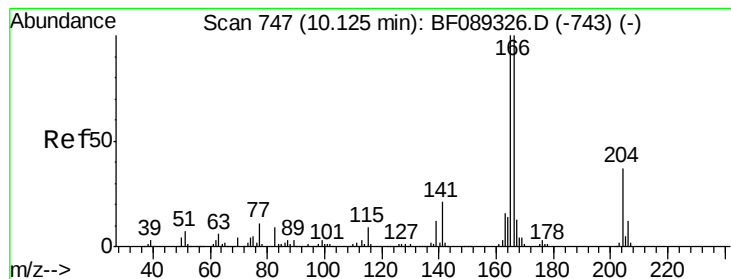
Tot Ion:139 Resp: 56293
Ion Ratio Lower Upper
139 100
109 75.2 57.8 97.8
65 88.5 81.7 121.7



#56
2,4-Dinitrotoluene
Concen: 47.73 ng/ml
RT: 9.72 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

Tgt Ion:165 Resp: 84701
Ion Ratio Lower Upper
165 100
63 35.2 58.2 87.2#
89 58.1 79.1 118.7#
182 2.8 1.8 2.8#





#57

Fluorene

Concen: 43.68 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

Instrument :

BNA_F

ClientSampled :

PB92601BS

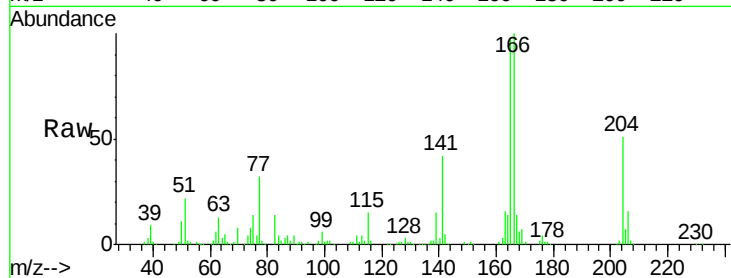
Tot Ion:166 Resp: 263469

Ion Ratio Lower Upper

166 100

165 97.5 79.0 118.4

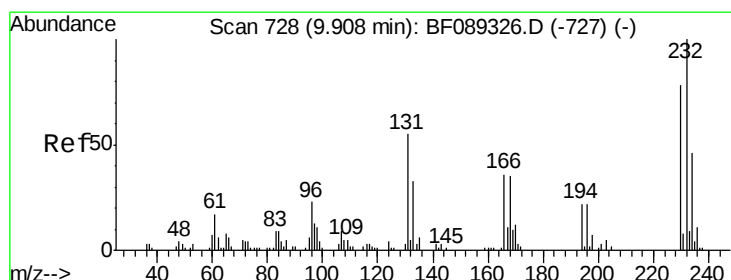
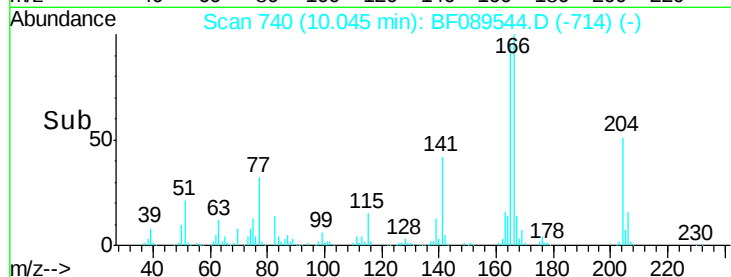
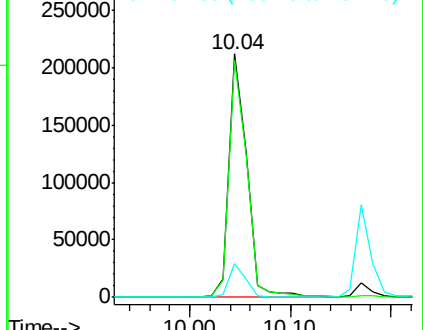
167 13.8 10.2 15.2



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: 54.65 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

Tgt Ion:232 Resp: 66298

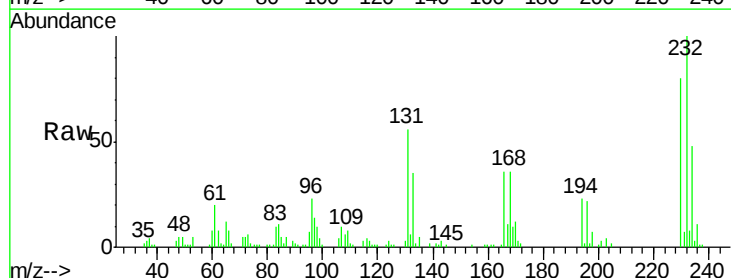
Ion Ratio Lower Upper

232 100

131 54.6 42.7 64.1

130 2.5 1.7 2.5

166 32.5 25.7 38.5

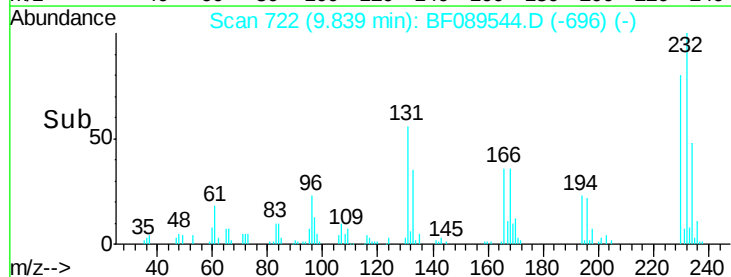
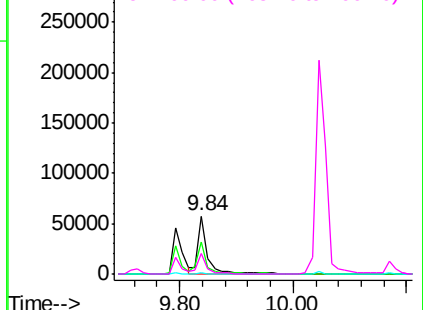


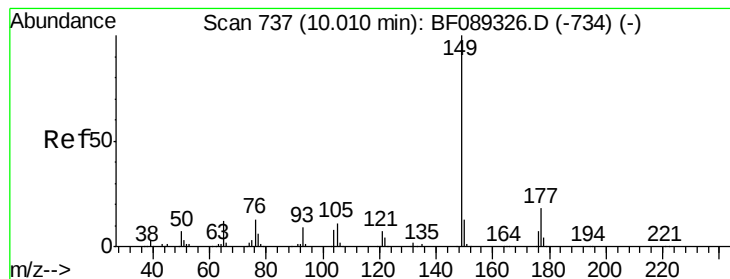
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.68 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB92601BS

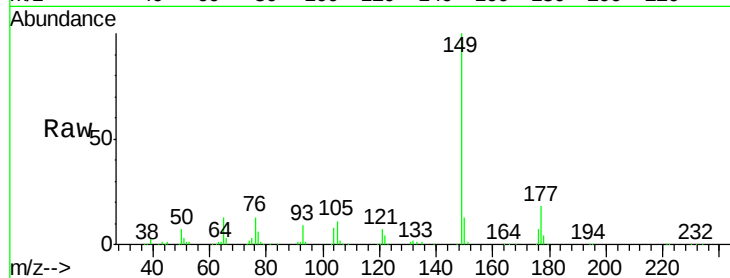
Tot Ion:149 Resp: 290515

Ion Ratio Lower Upper

149 100

177 18.2 15.1 22.7

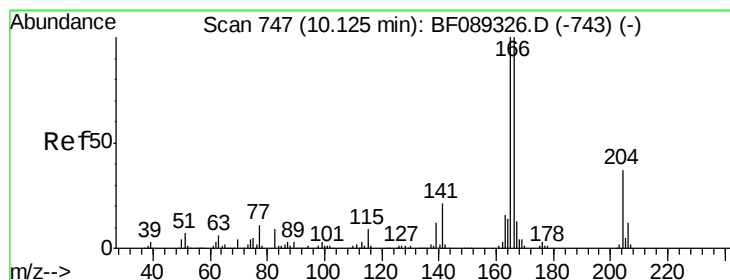
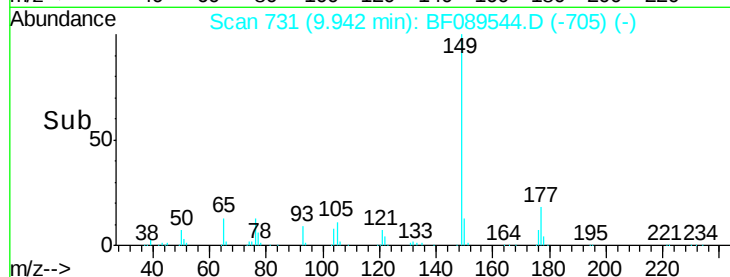
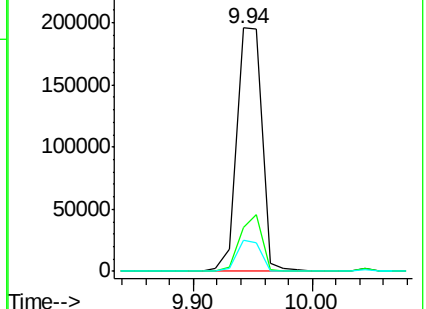
150 12.8 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.49 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

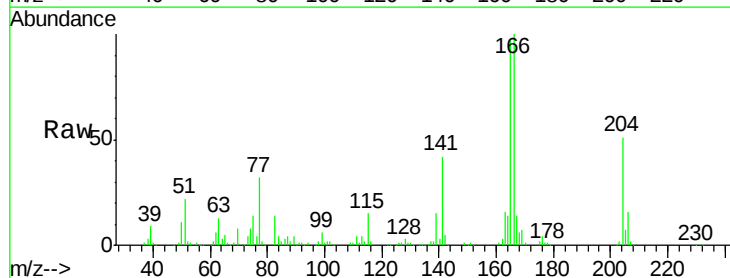
Tgt Ion:204 Resp: 114795

Ion Ratio Lower Upper

204 100

206 32.1 26.6 39.8

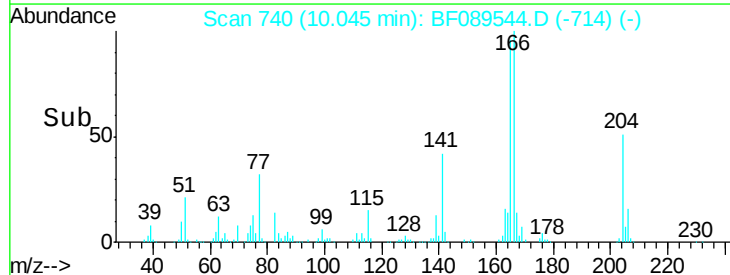
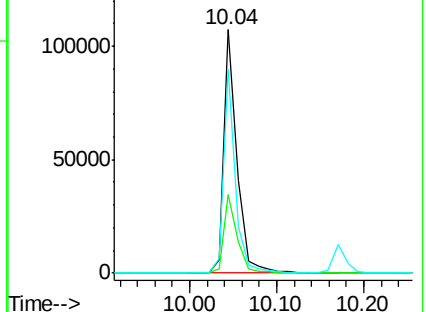
141 83.7 46.6 70.0#

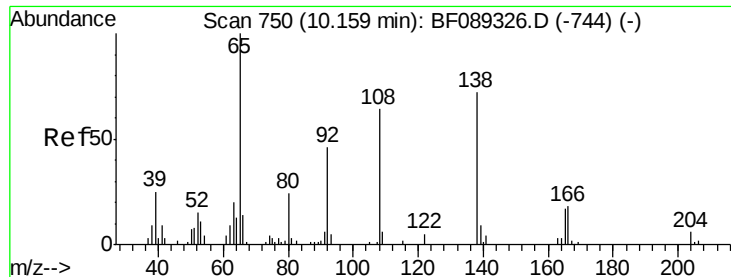


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

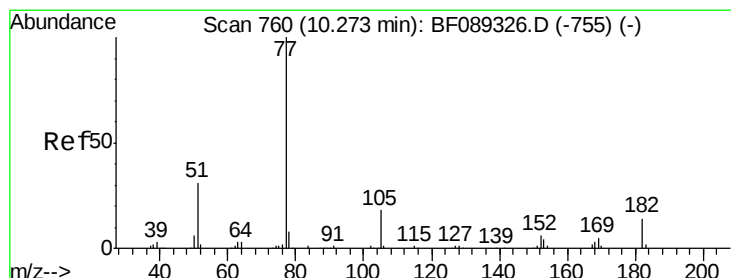
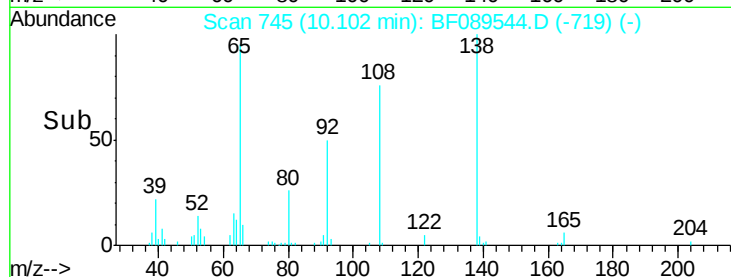
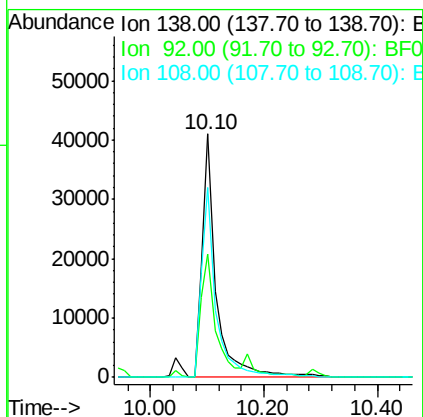
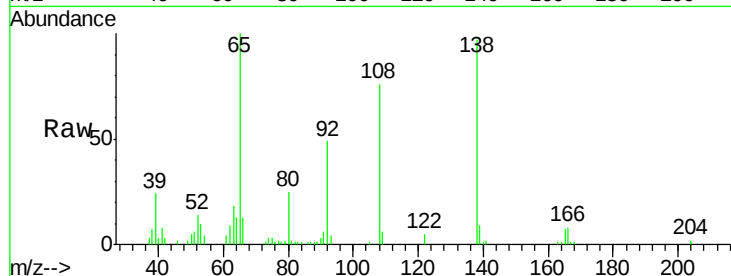




#61
4-Nitroaniline
Concen: 46.75 ng
RT: 10.10 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

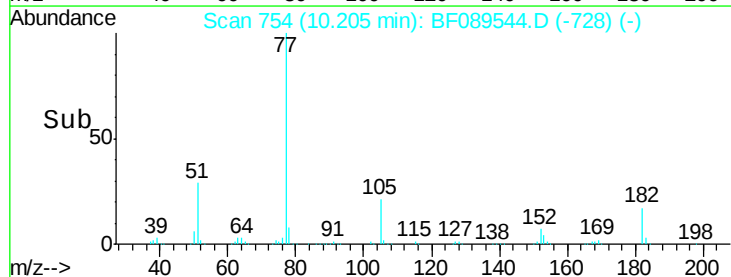
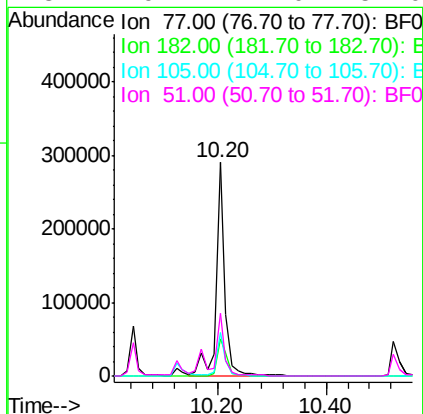
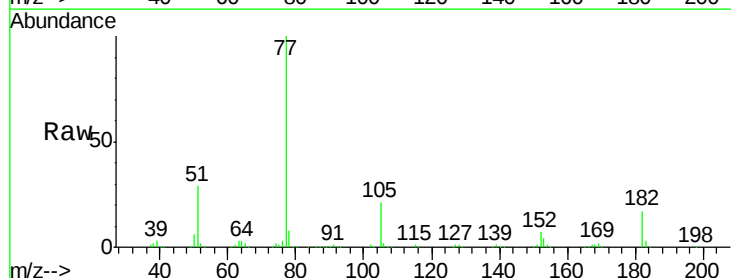
Instrument :
BNA_F
ClientSampled :
PB92601BS

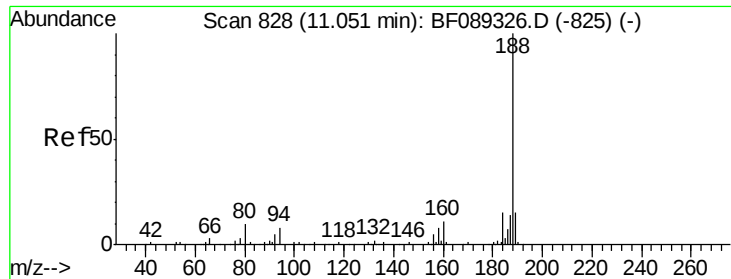
Tot Ion:138 Resp: 68552
Ion Ratio Lower Upper
138 100
92 50.7 41.2 81.2
108 77.8 69.6 109.6



#62
Azobenzene
Concen: 48.43 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

Tgt Ion: 77 Resp: 331783
Ion Ratio Lower Upper
77 100
182 17.4 0.0 33.8
105 20.5 0.0 39.8
51 29.1 11.0 51.0

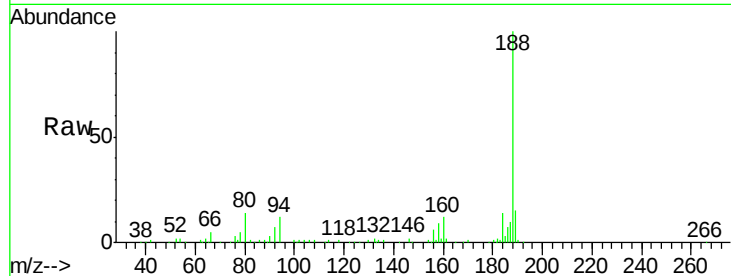




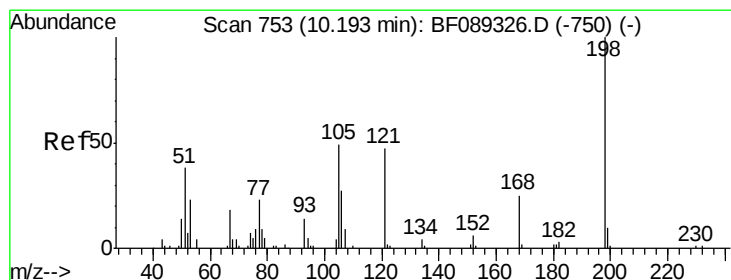
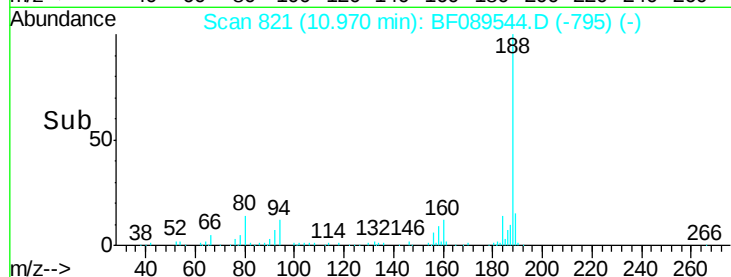
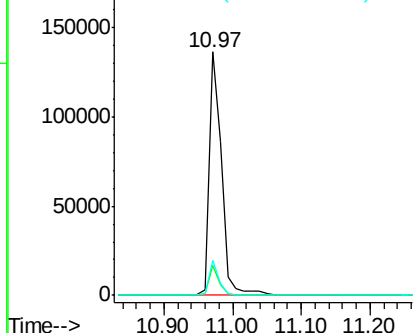
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB92601BS

Tot Ion:188 Resp: 172163
Ion Ratio Lower Upper
188 100
94 12.2 6.5 9.7#
80 14.3 7.2 10.8#

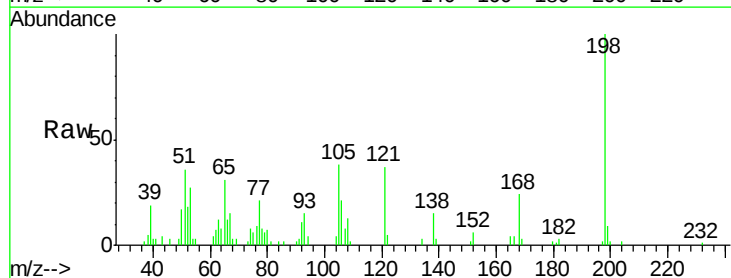


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

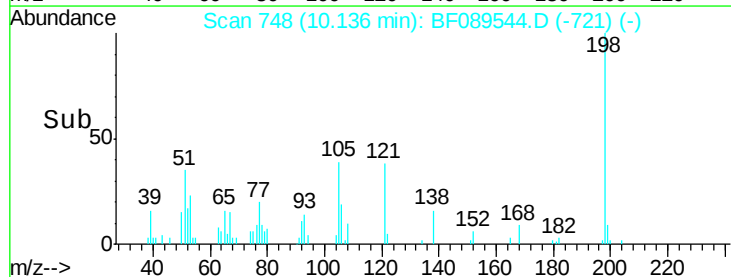
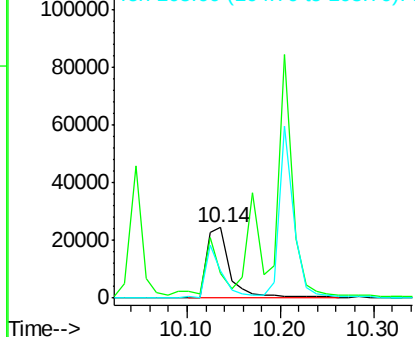


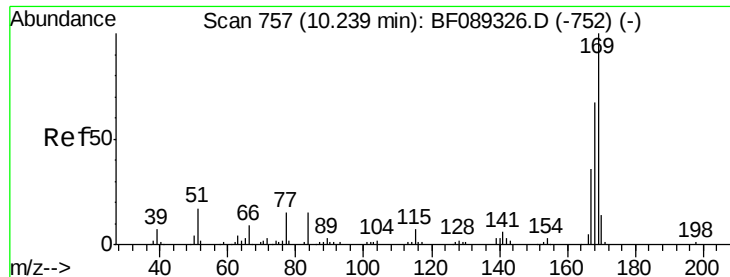
#64
4,6-Dinitro-2-methylphenol
Concen: 41.49 ng
RT: 10.14 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

Tgt Ion:198 Resp: 42445
Ion Ratio Lower Upper
198 100
51 35.8 23.0 63.0
105 38.3 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: 44.02 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB92601BS

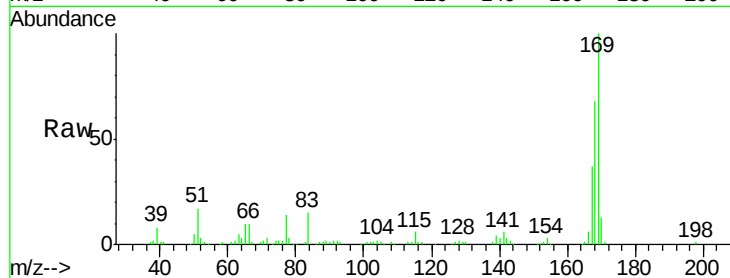
Tot Ion:169 Resp: 236454

Ion Ratio Lower Upper

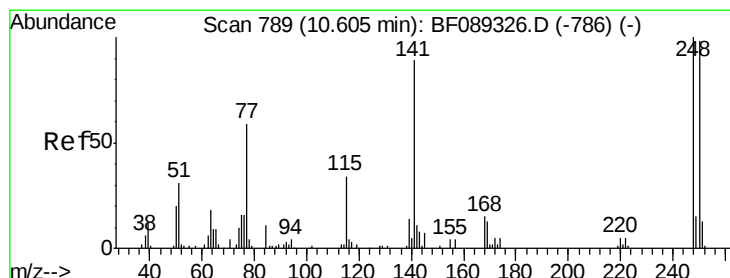
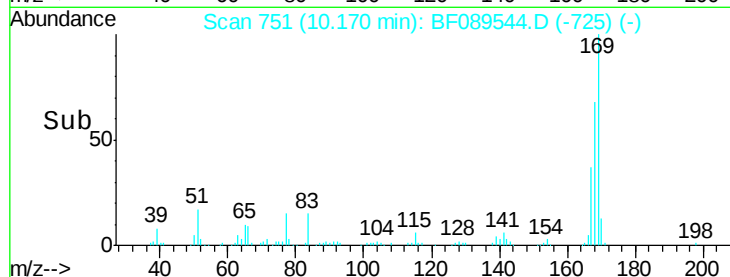
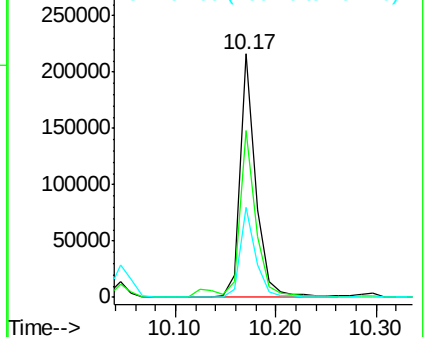
169 100

168 68.4 55.4 83.0

167 37.2 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: 41.08 ng

RT: 10.54 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

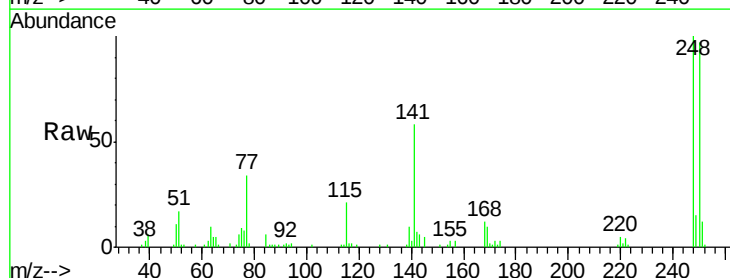
Tgt Ion:248 Resp: 67525

Ion Ratio Lower Upper

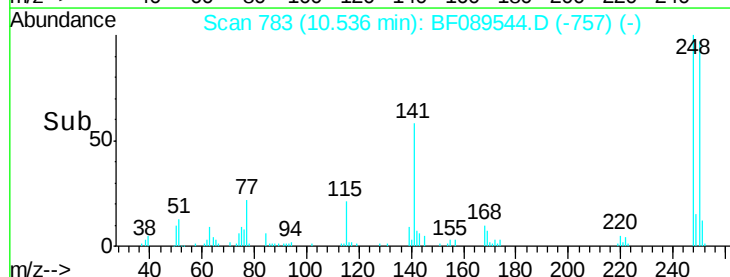
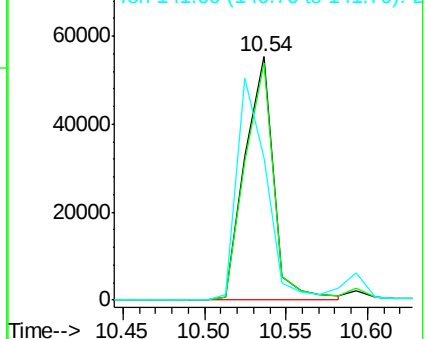
248 100

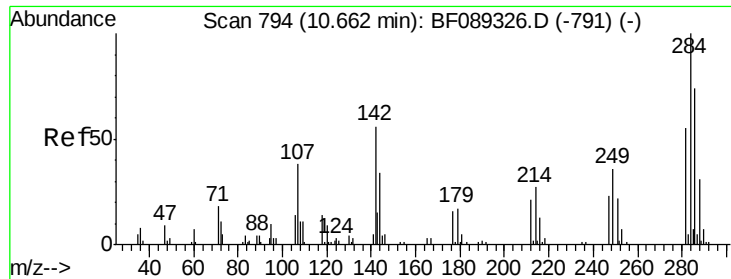
250 97.5 78.2 117.2

141 58.4 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

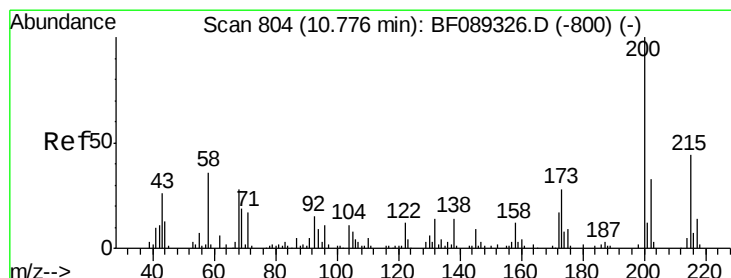
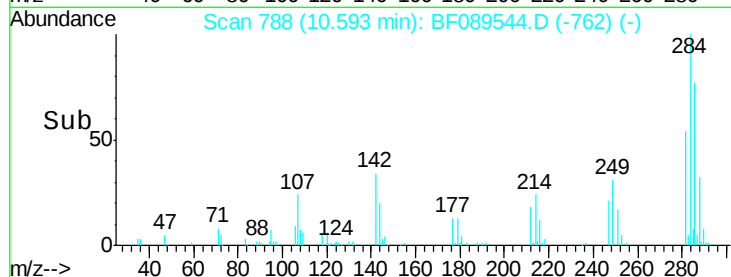
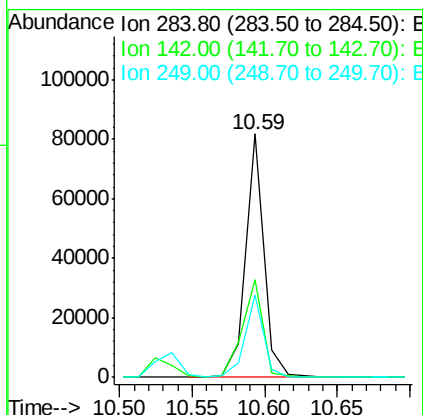
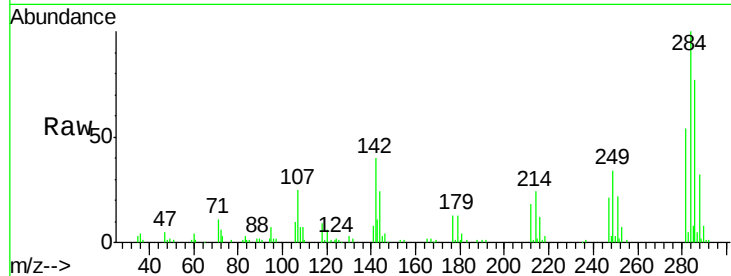




#67
Hexachlorobenzene
Concen: 42.58 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

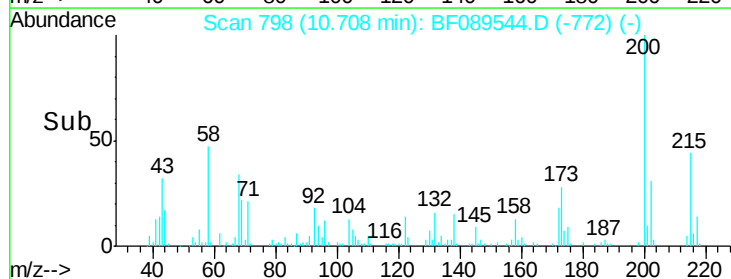
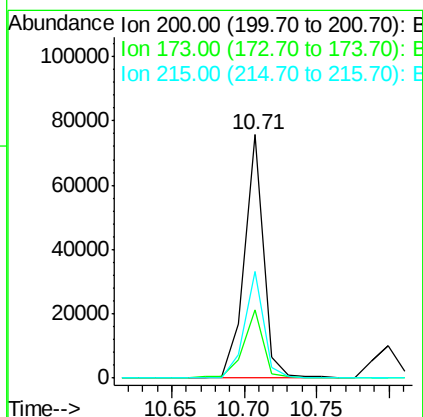
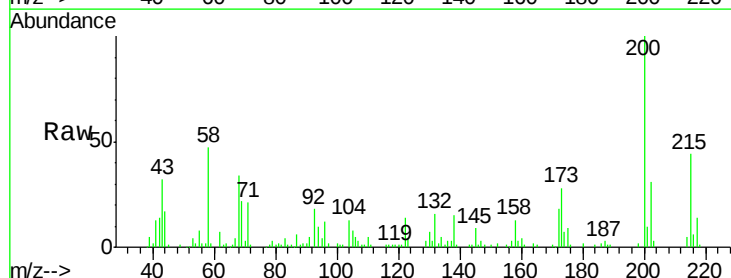
Instrument :
BNA_F
ClientSampled :
PB92601BS

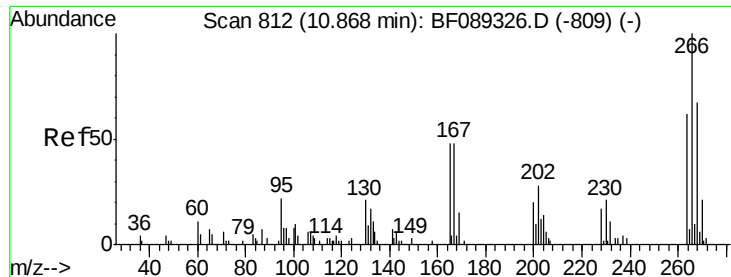
Tot Ion:284 Resp: 71729
Ion Ratio Lower Upper
284 100
142 40.3 42.2 63.4#
249 33.9 29.4 44.0



#68
Atrazine
Concen: 42.18 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

Tgt Ion:200 Resp: 69613
Ion Ratio Lower Upper
200 100
173 28.0 6.0 46.0
215 43.6 24.3 64.3

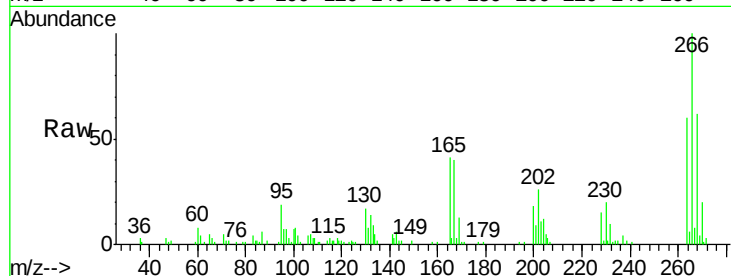




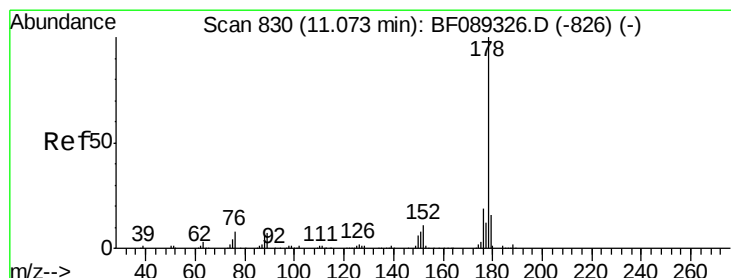
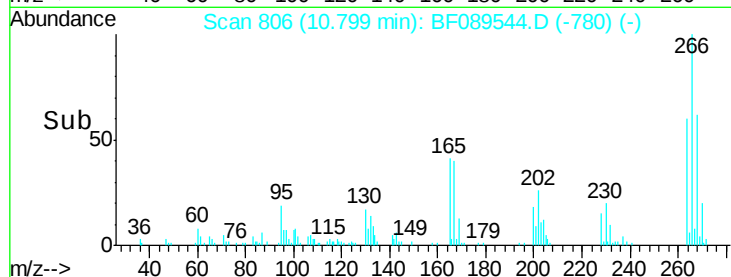
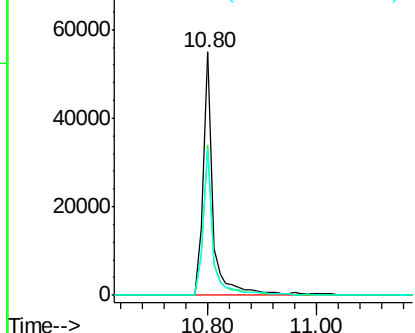
#69
 Pentachlorophenol
 Concen: 84.72 ng
 RT: 10.80 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF089544.D
 Acq: 2 Aug 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB92601BS

Tot Ion:266 Resp: 69453
 Ion Ratio Lower Upper
 266 100
 268 61.7 49.4 74.2
 264 60.3 50.2 75.2

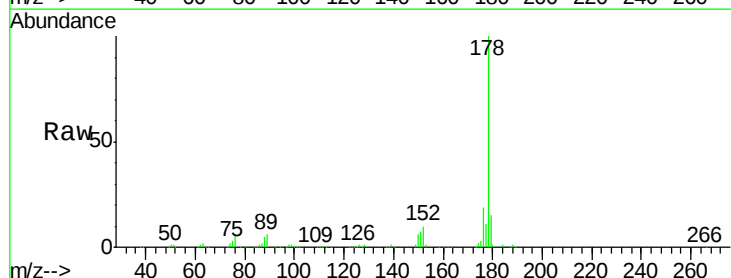


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

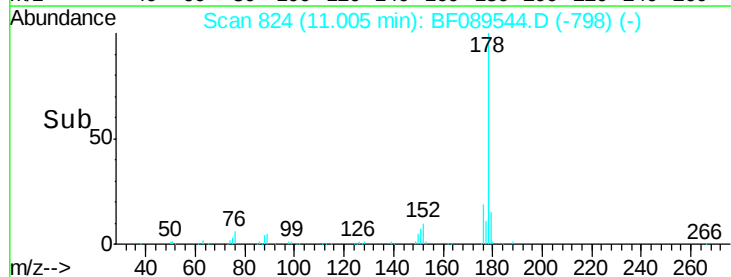
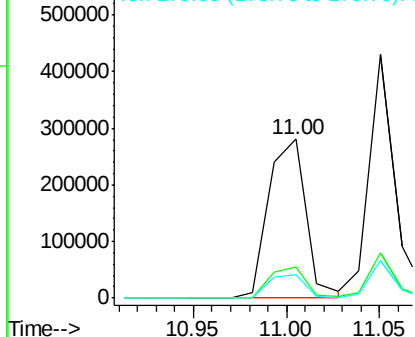


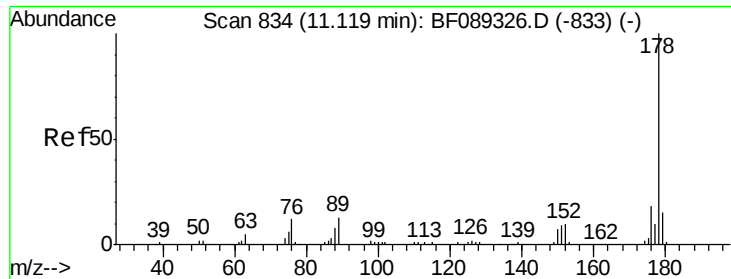
#70
 Phenanthrene
 Concen: 43.84 ng
 RT: 11.00 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF089544.D
 Acq: 2 Aug 2016 13:44

Tgt Ion:178 Resp: 389277
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.5 23.3
 179 14.8 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

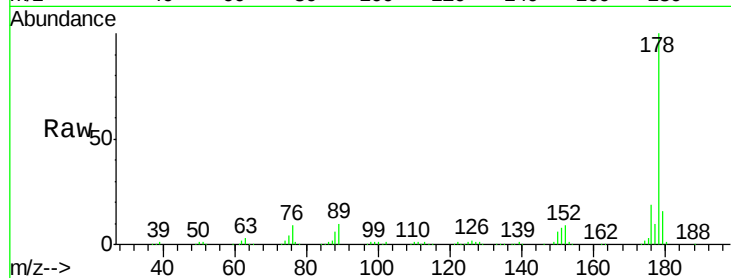




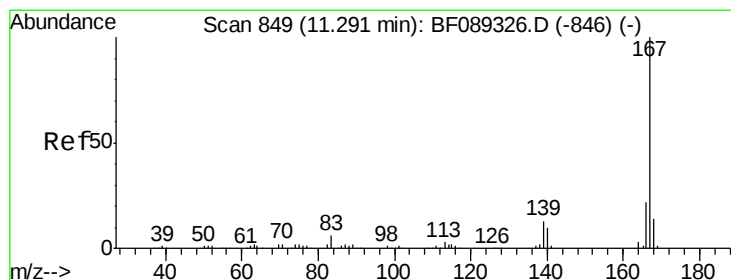
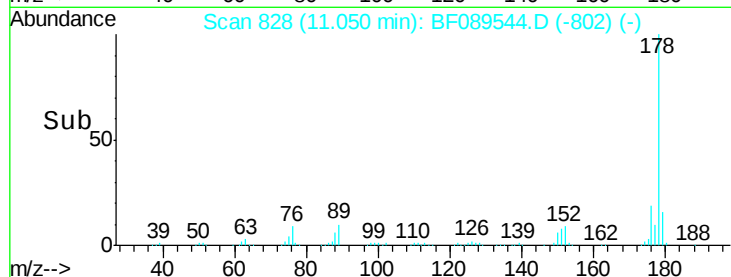
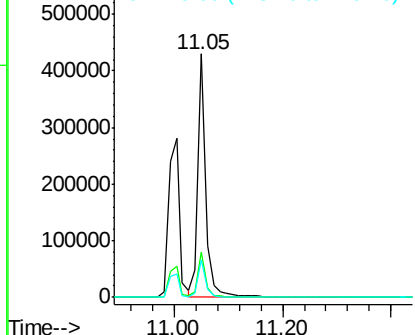
#71
 Anthracene
 Concen: 43.76 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF089544.D
 Acq: 2 Aug 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB92601BS

Tot Ion:178 Resp: 432042
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.8 22.2
 179 15.6 12.6 18.8

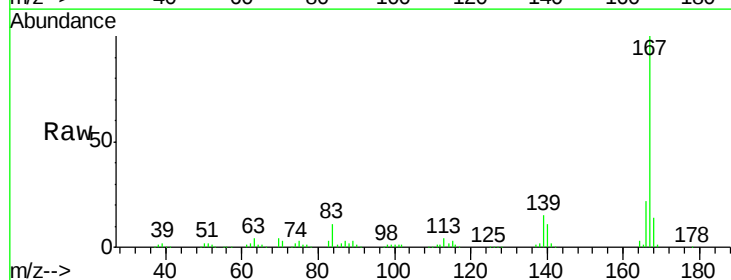


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

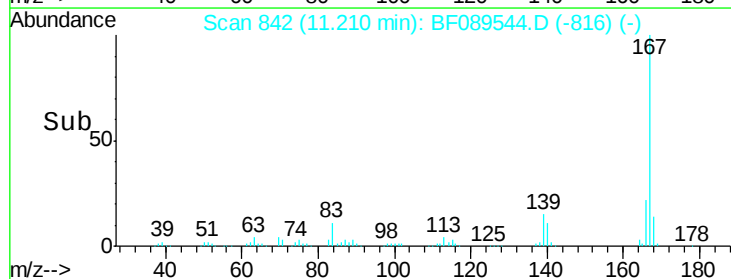
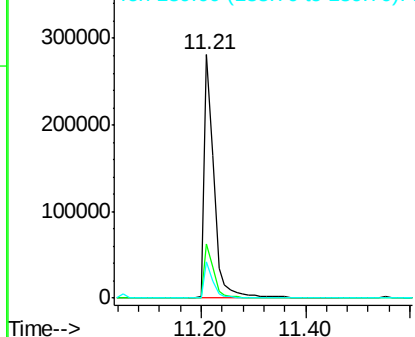


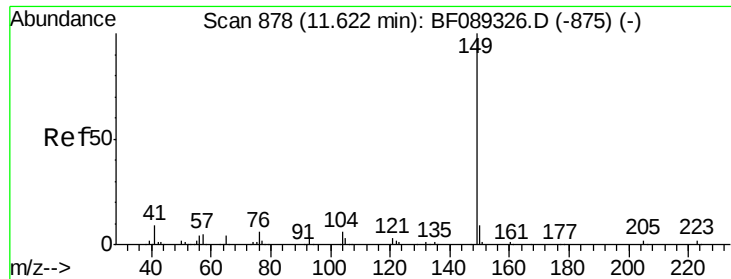
#72
 Carbazole
 Concen: 44.81 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF089544.D
 Acq: 2 Aug 2016 13:44

Tgt Ion:167 Resp: 372352
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.8 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: 40.25 ng

RT: 11.55 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB92601BS

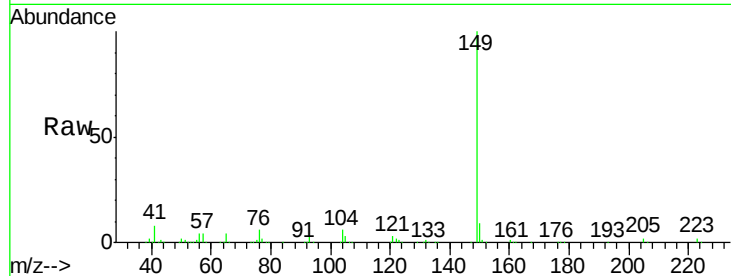
Tot Ion:149 Resp: 448823

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

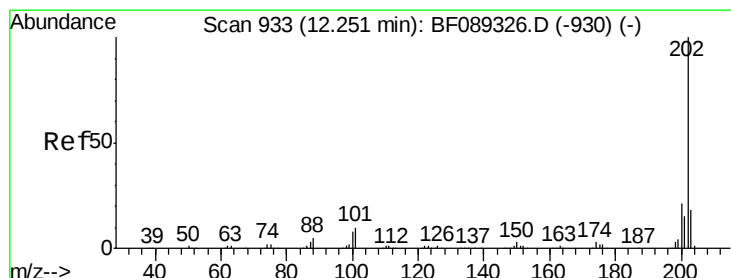
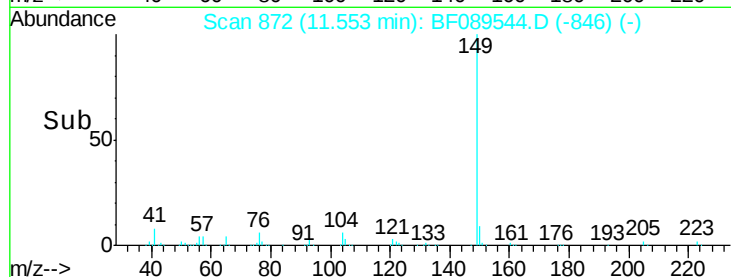
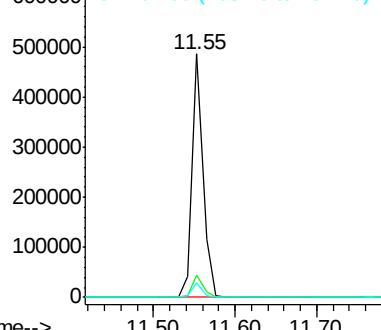
104 5.8 4.7 7.1



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: 43.23 ng

RT: 12.17 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

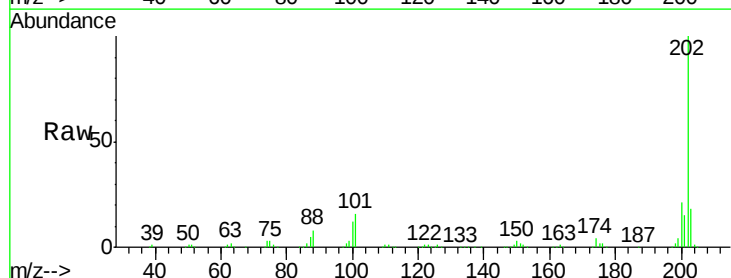
Tgt Ion:202 Resp: 403762

Ion Ratio Lower Upper

202 100

101 15.5 0.0 29.9

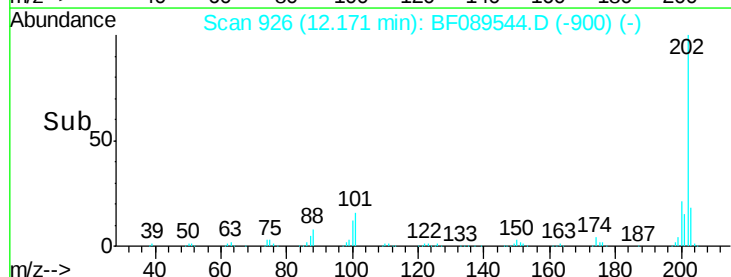
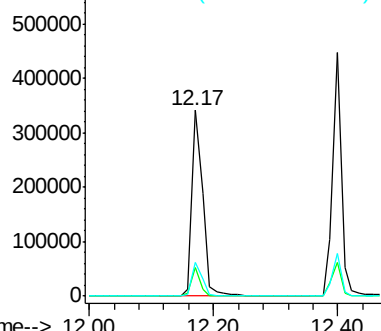
203 17.8 0.0 37.3



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: 13.60 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB92601BS

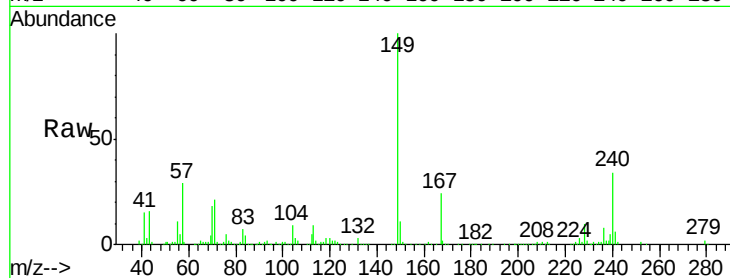
Tot Ion:240 Resp: 126212

Ion Ratio Lower Upper

240 100

120 9.2 9.1 13.7

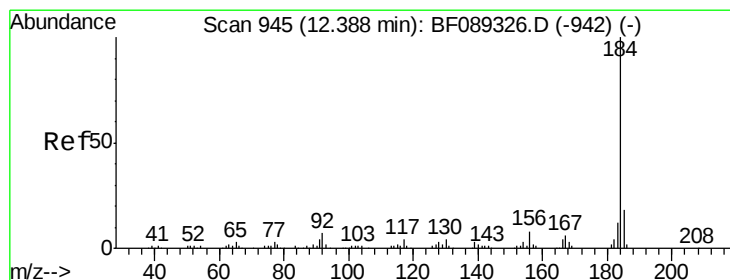
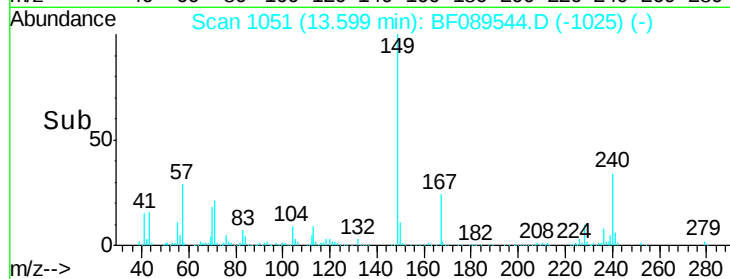
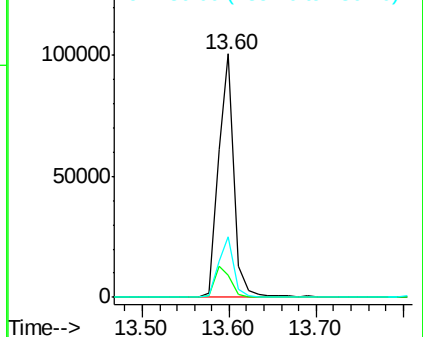
236 24.8 20.6 30.8



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: 38.04 ng

RT: 12.31 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

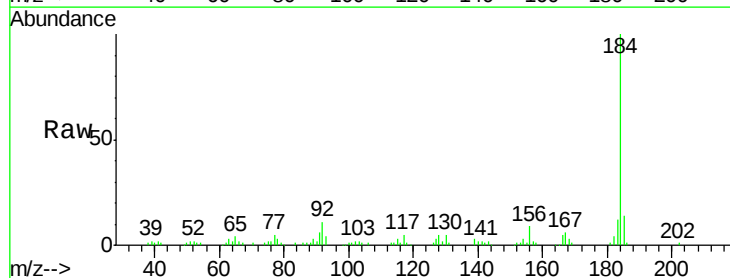
Tgt Ion:184 Resp: 177379

Ion Ratio Lower Upper

184 100

185 14.3 13.5 20.3

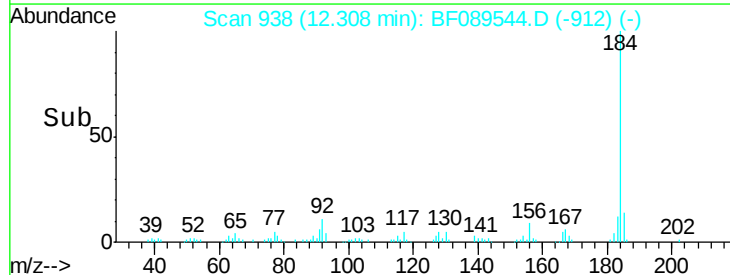
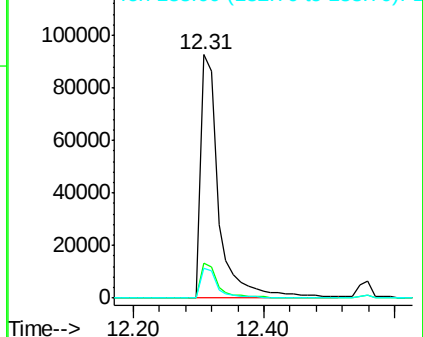
183 12.3 9.8 14.6

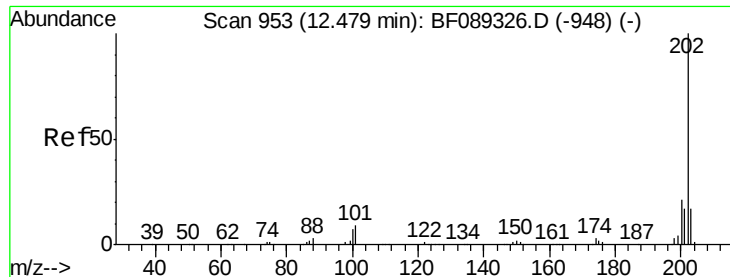


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.97 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB92601BS

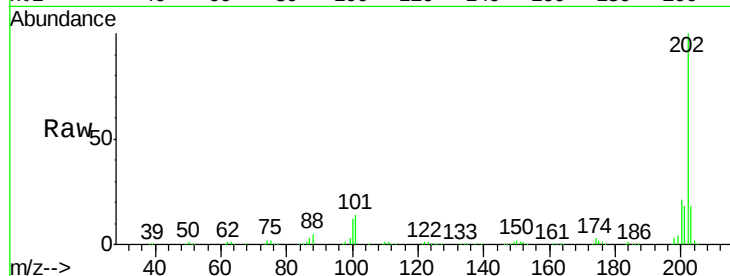
Tot Ion:202 Resp: 430191

Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

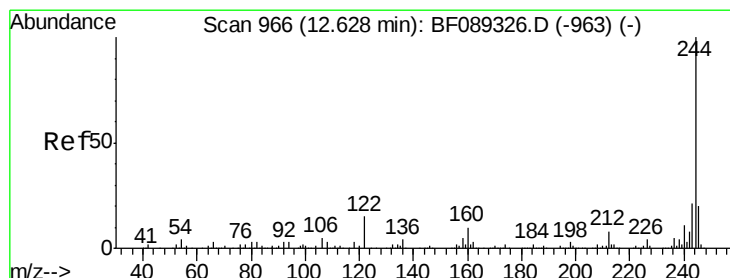
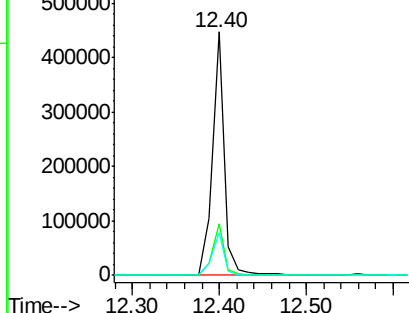
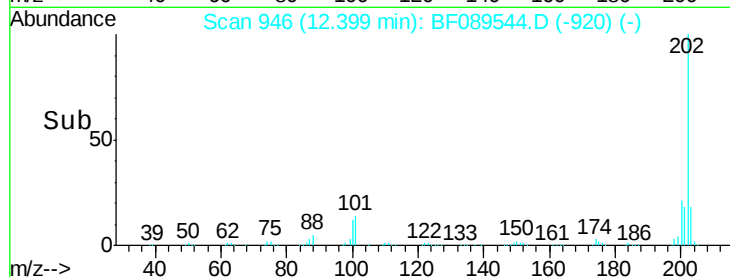
203 17.6 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.84 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

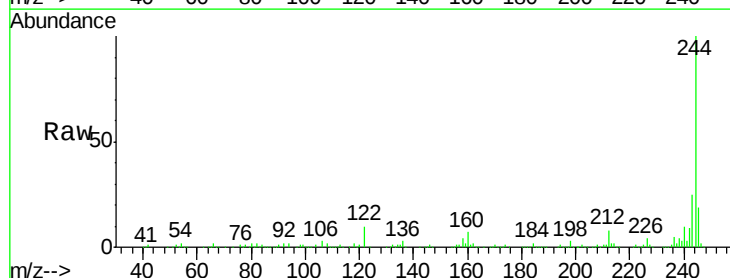
Tgt Ion:244 Resp: 511449

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

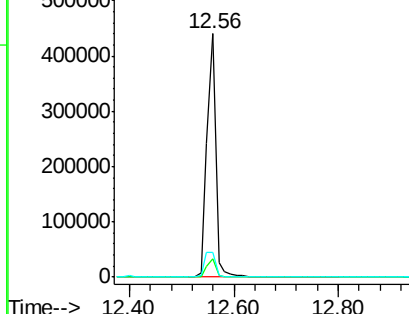
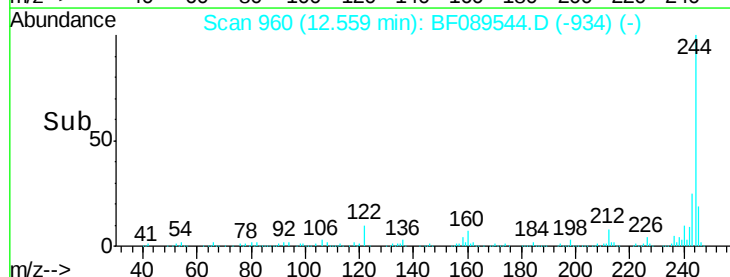
122 10.1 11.4 17.0#

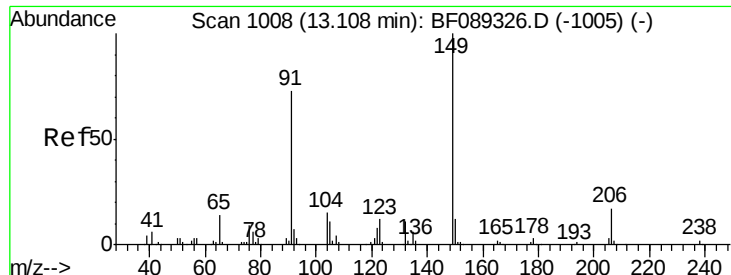


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

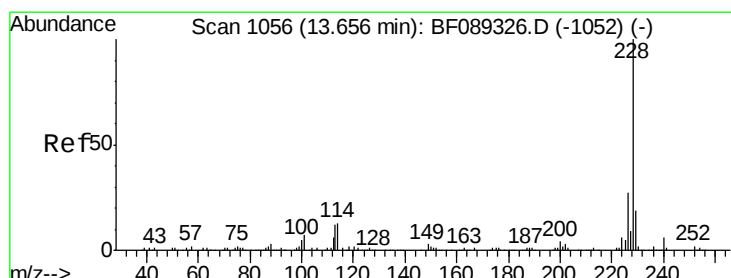
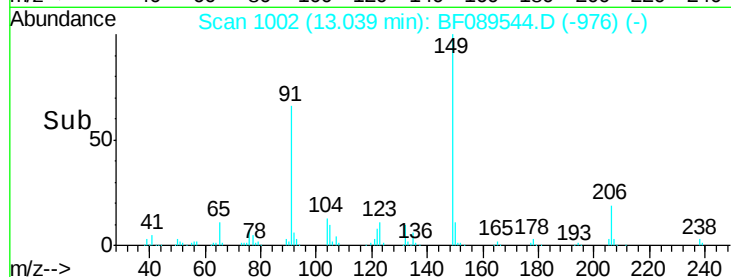
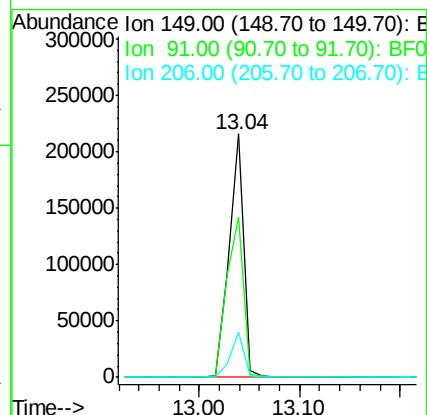
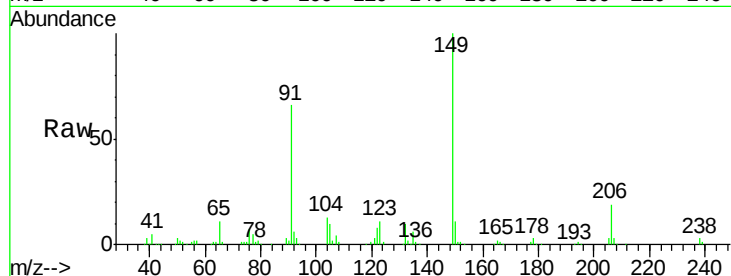




#79
Butylbenzylphthalate
Concen: 50.24 ng
RT: 13.04 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

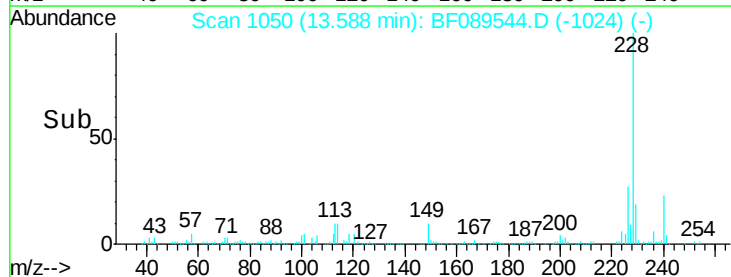
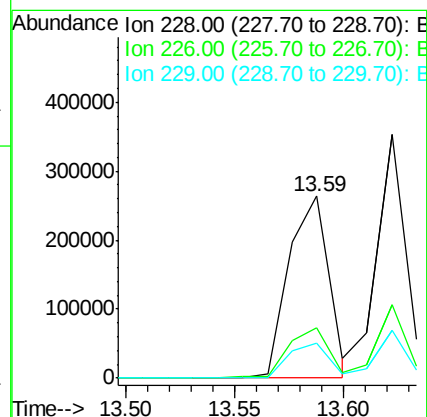
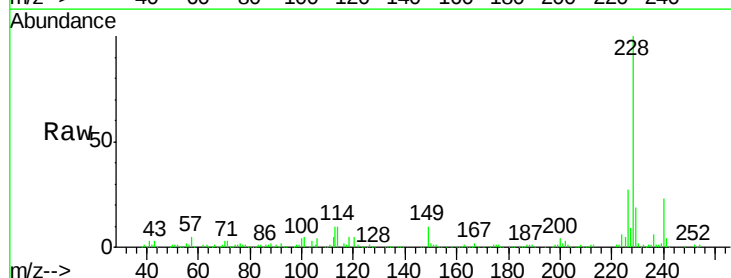
Instrument :
BNA_F
ClientSampleId :
PB92601BS

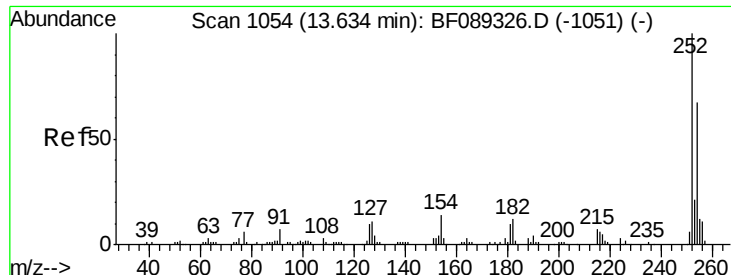
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.8	58.5	87.7
206	18.7	13.8	20.8



#80
Benzo(a)anthracene
Concen: 47.88 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF089544.D
Acq: 2 Aug 2016 13:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.4	32.2
229	19.5	15.9	23.9

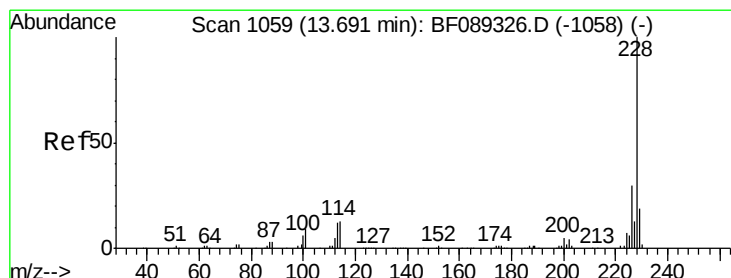
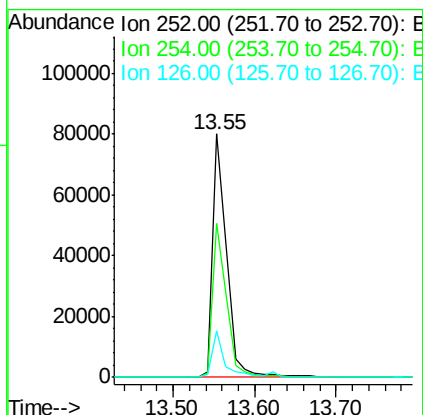
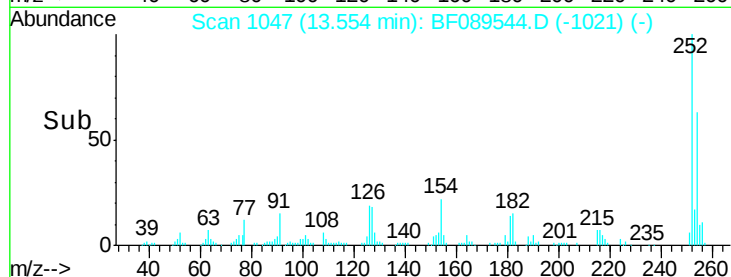
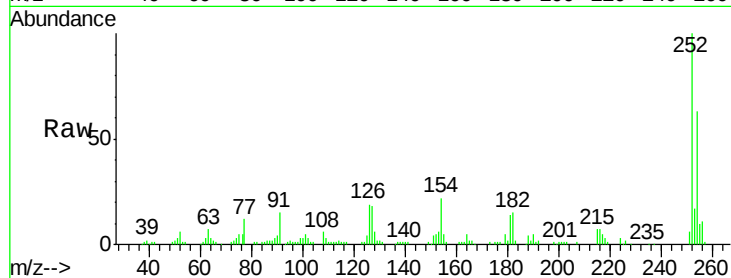




#81
 3,3'-Dichlorobenzidine
 Concen: 37.88 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF089544.D
 Acq: 2 Aug 2016 13:44

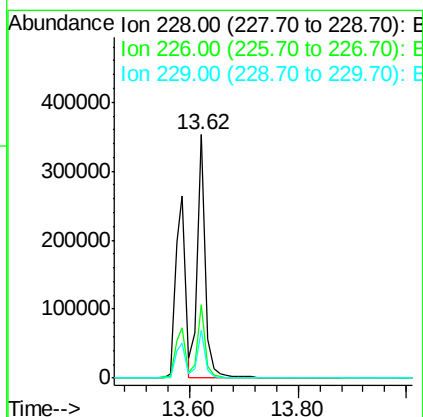
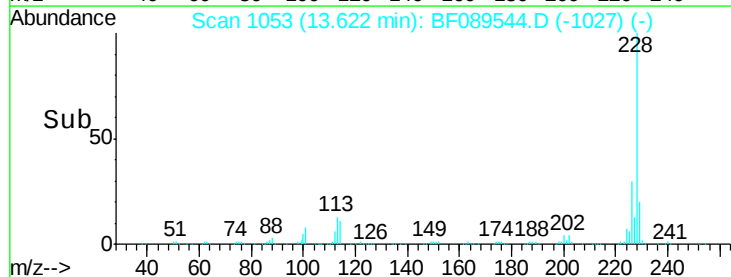
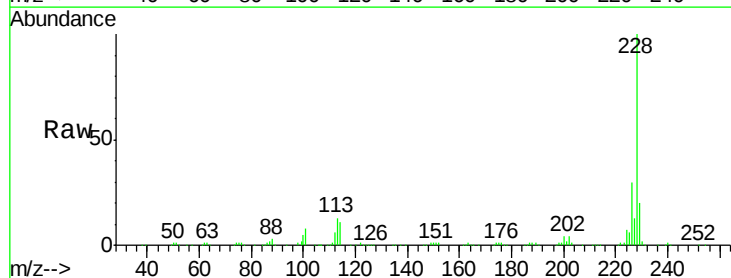
Instrument :
 BNA_F
 ClientSampleId :
 PB92601BS

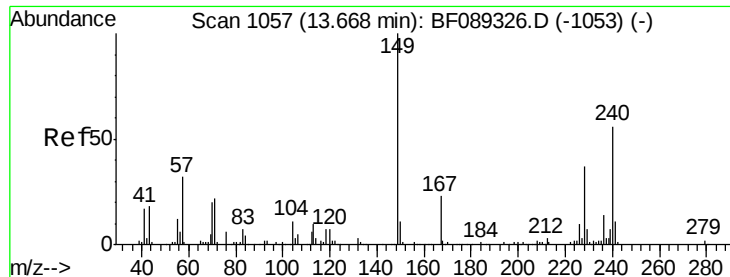
Tot Ion:252 Resp: 97081
 Ion Ratio Lower Upper
 252 100
 254 63.3 52.5 78.7
 126 18.9 7.4 11.2#



#82
 Chrysene
 Concen: 46.42 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF089544.D
 Acq: 2 Aug 2016 13:44

Tgt Ion:228 Resp: 351926
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.2 36.2
 229 19.7 15.9 23.9

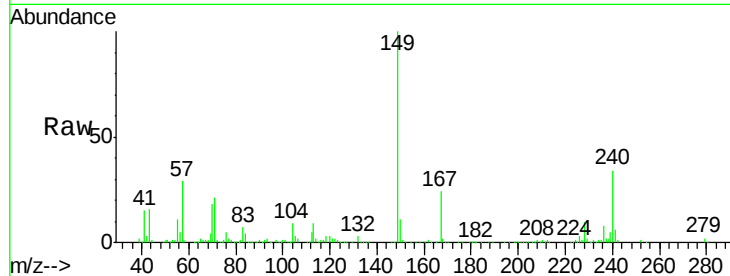




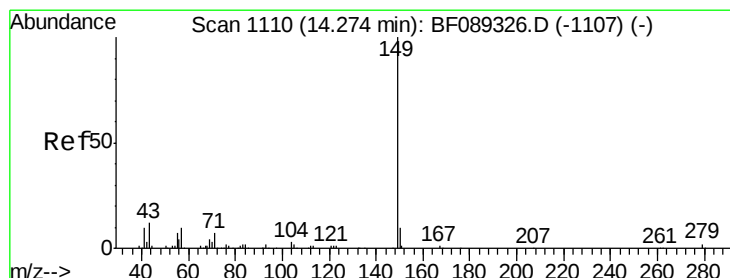
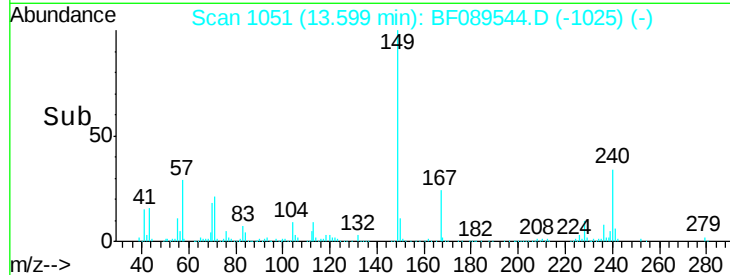
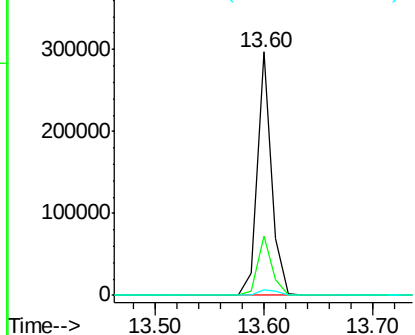
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.63 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BF089544.D
 Acq: 2 Aug 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB92601BS

Tot Ion:149 Resp: 274283
 Ion Ratio Lower Upper
 149 100
 167 24.1 18.8 28.2
 279 2.0 1.4 2.0#

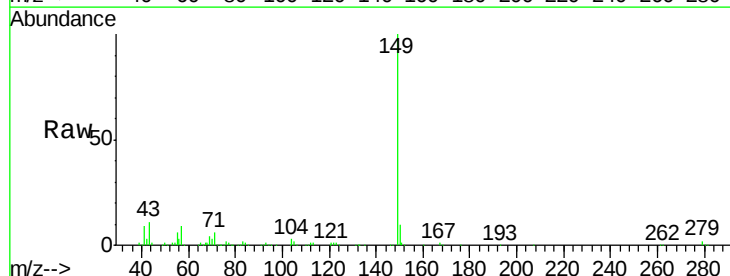


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

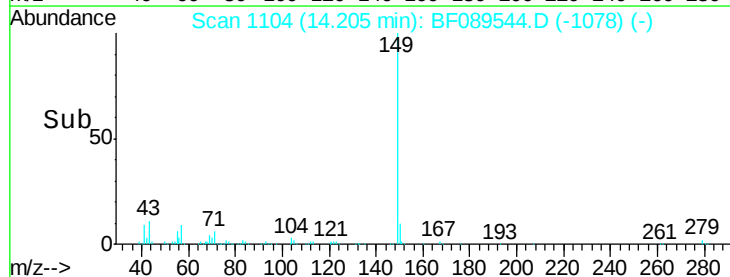
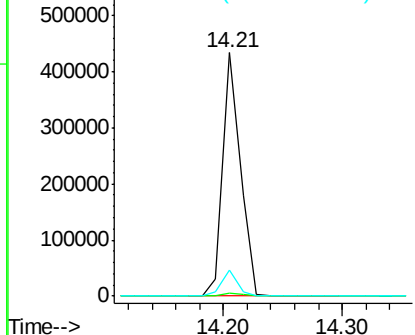


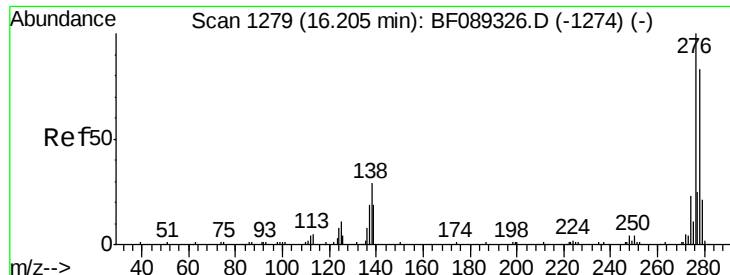
#84
 Di-n-octyl phthalate
 Concen: 45.55 ng
 RT: 14.21 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF089544.D
 Acq: 2 Aug 2016 13:44

Tgt Ion:149 Resp: 446816
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 9.6 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

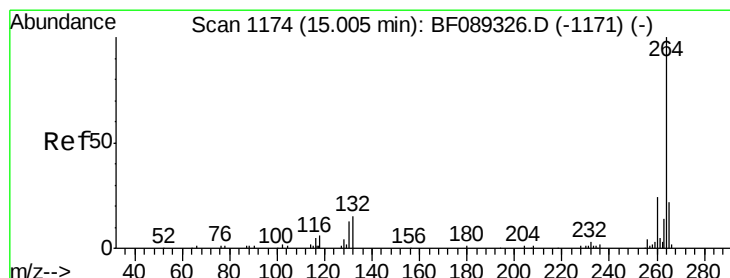
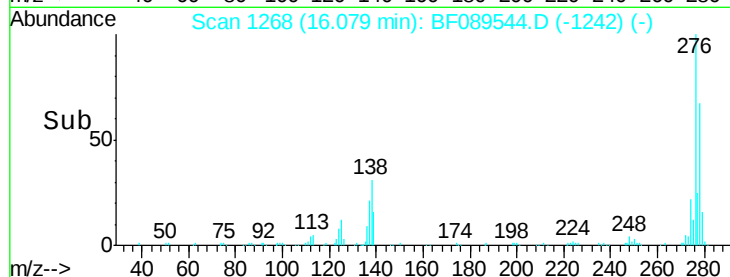
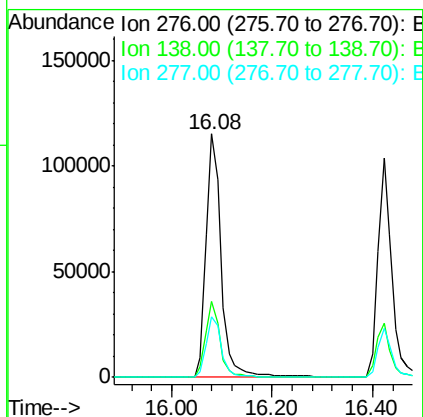
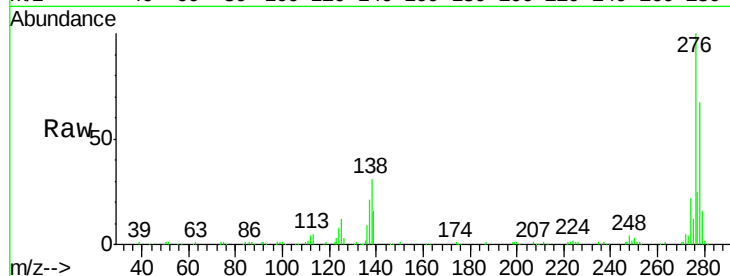




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.27 ng
 RT: 16.08 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF089544.D
 Acq: 2 Aug 2016 13:44

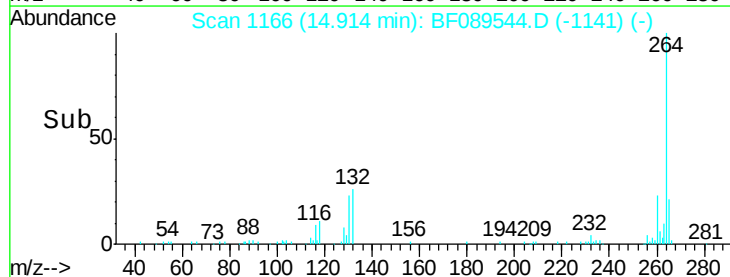
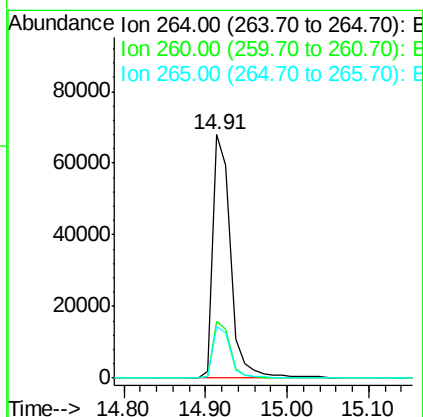
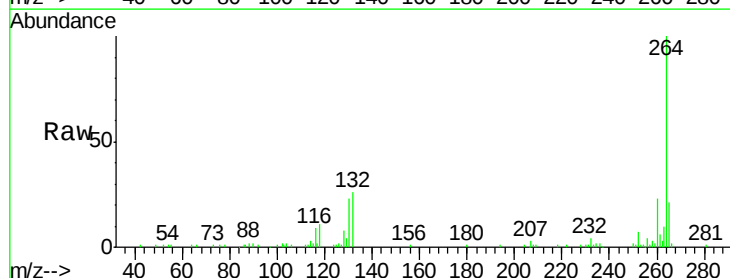
Instrument :
 BNA_F
 ClientSampleId :
 PB92601BS

Tot Ion:276 Resp: 244036
 Ion Ratio Lower Upper
 276 100
 138 29.9 23.0 34.4
 277 25.0 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: BF089544.D
 Acq: 2 Aug 2016 13:44

Tgt Ion:264 Resp: 103431
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 21.1 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 49.20 ng m

RT: 14.58 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB92601BS

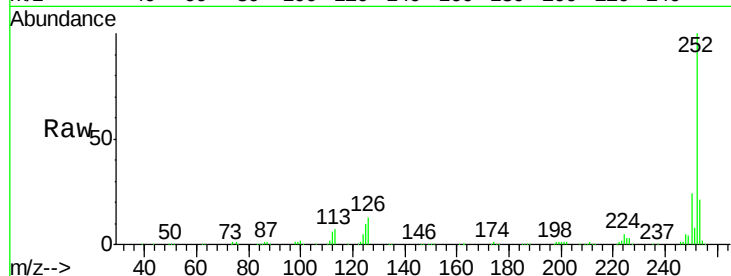
Tot Ion:252 Resp: 316054

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

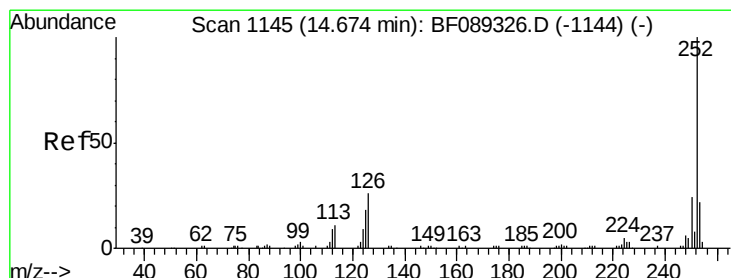
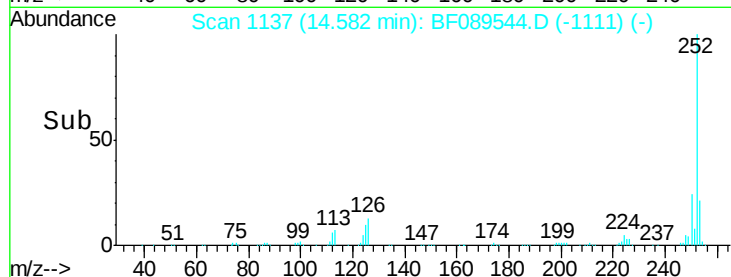
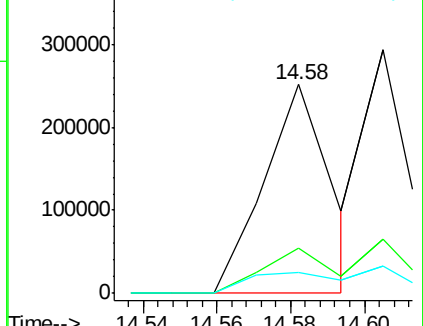
125 10.3 9.7 14.5



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: 43.94 ng m

RT: 14.61 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

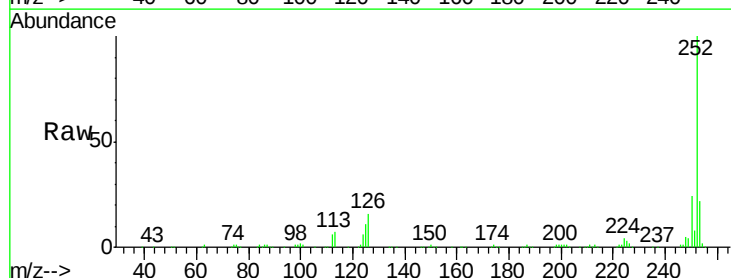
Tgt Ion:252 Resp: 259464

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

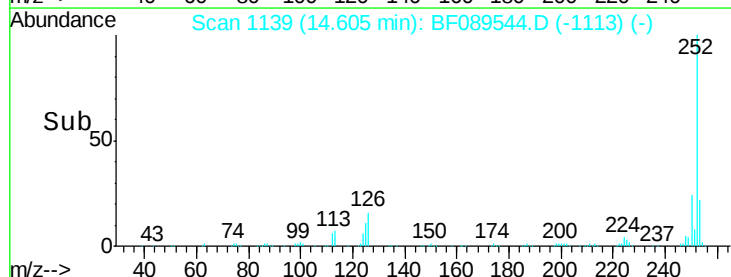
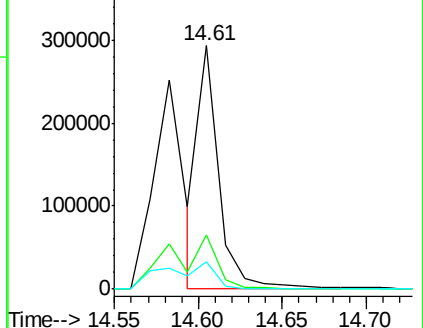
125 11.3 10.7 16.1

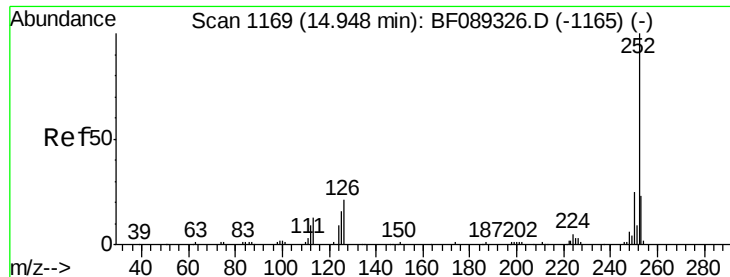


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.66 ng

RT: 14.87 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB92601BS

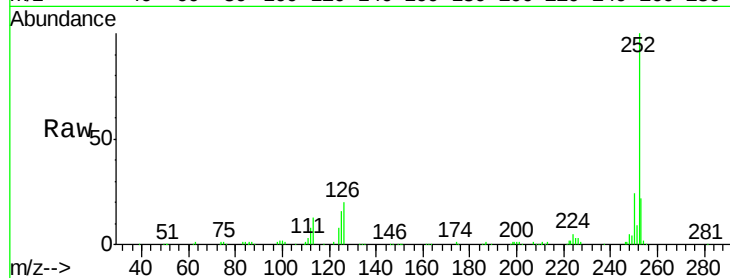
Tot Ion:252 Resp: 251586

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

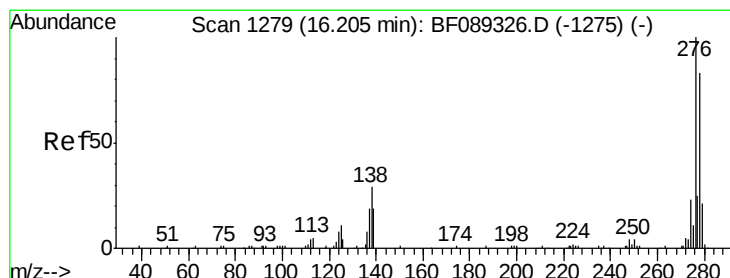
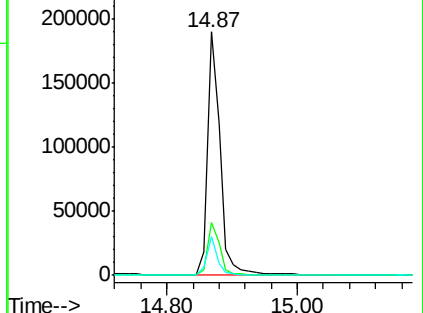
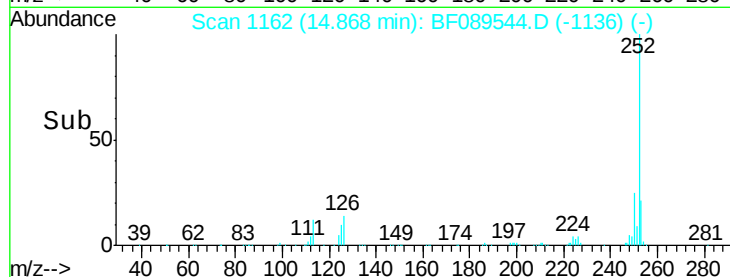
125 15.7 12.4 18.6



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: 44.81 ng

RT: 16.09 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

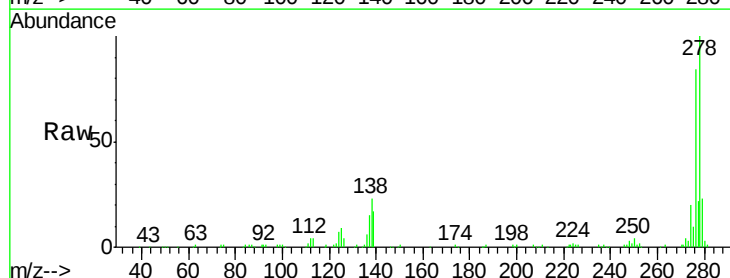
Tgt Ion:278 Resp: 203409

Ion Ratio Lower Upper

278 100

139 16.9 16.3 24.5

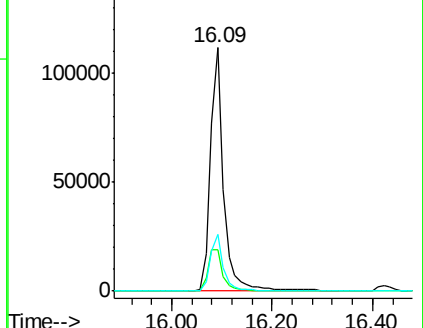
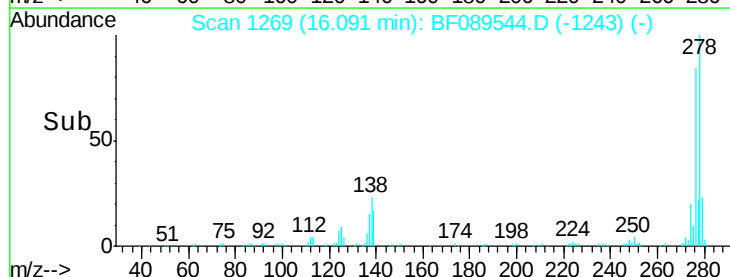
279 23.2 19.1 28.7

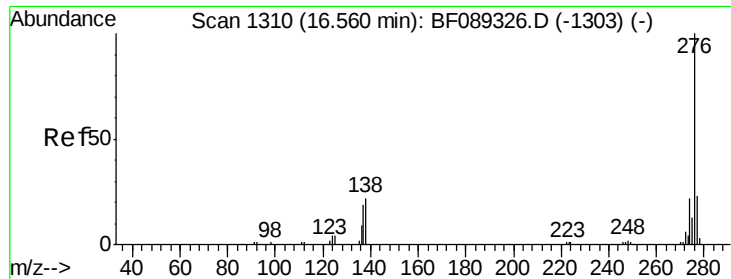


Abundance Ion 278.00 (277.70 to 278.70): E

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: 45.69 ng

RT: 16.42 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF089544.D

Acq: 2 Aug 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB92601BS

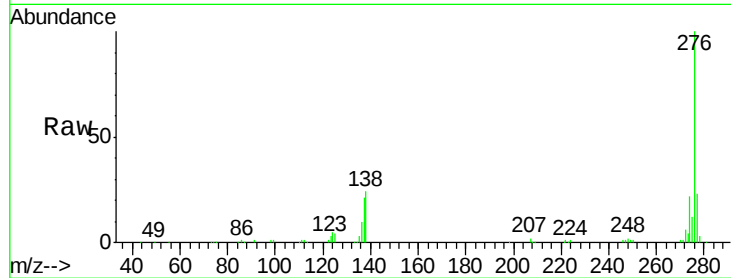
Tot Ion:276 Resp: 203841

Ion Ratio Lower Upper

276 100

277 22.5 18.6 28.0

138 24.5 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

