

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
 Data File : BF089117.D
 Acq On : 19 Jul 2016 14:43
 Operator : UM/SJ
 Sample : PB92230BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92230BSD

Quant Time: Jul 20 03:13:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:28:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	54653	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	212665	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	93443	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	161456	20.00	ng	0.00
75) Chrysene-d12	13.76	240	90105	20.00	ng	0.00
86) Perylene-d12	15.11	264	96743	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	267304	73.30	ng	0.01
7) Phenol-d6	6.28	99	346259	73.48	ng	0.00
23) Nitrobenzene-d5	7.20	82	346908	85.48	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	57448	66.21	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	602551	101.86	ng	0.00
78) Terphenyl-d14	12.72	244	387864	95.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	49377	27.31	ng	# 25
3) Pyridine	2.78	79	151488	28.88	ng	98
4) n-Nitrosodimethylamine	2.75	42	68530	34.19	ng	96
6) Aniline	6.28	93	111843	16.29	ng	# 52
8) 2-Chlorophenol	6.41	128	149449	38.13	ng	99
9) Benzaldehyde	6.16	77	34531	10.82	ng	86
10) Phenol	6.30	94	174633	32.47	ng	74
11) bis(2-Chloroethyl)ether	6.36	93	137258	34.23	ng	91
12) 1,3-Dichlorobenzene	6.56	146	148252m	34.37	ng	
13) 1,4-Dichlorobenzene	6.64	146	155493	36.32	ng	95
14) 1,2-Dichlorobenzene	6.80	146	154525	38.56	ng	96
15) Benzyl Alcohol	6.78	79	135504	39.07	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.91	45	164928	28.40	ng	# 21
17) 2-Methylphenol	6.90	107	121037	37.86	ng	# 91
18) Hexachloroethane	7.13	117	55313	33.40	ng	# 81
19) n-Nitroso-di-n-propylamine	7.05	70	113014	35.71	ng	95
20) 3+4-Methylphenols	7.06	107	158897	41.41	ng	# 78
22) Acetophenone	7.04	105	224739	43.54	ng	# 92
24) Nitrobenzene	7.21	77	153435	37.50	ng	# 79
25) Isophorone	7.46	82	304254	40.47	ng	99
26) 2-Nitrophenol	7.53	139	72365	43.13	ng	# 94
27) 2,4-Dimethylphenol	7.59	122	140788	40.29	ng	88
28) bis(2-Chloroethoxy)methane	7.68	93	199515	40.79	ng	# 96
29) 2,4-Dichlorophenol	7.78	162	127081	45.00	ng	99
30) 1,2,4-Trichlorobenzene	7.86	180	133986	43.23	ng	96
31) Naphthalene	7.93	128	406609	38.78	ng	100
32) Benzoic acid	7.74	122	82564	32.54	ng	86
33) 4-Chloroaniline	7.99	127	65688	14.08	ng	97
34) Hexachlorobutadiene	8.06	225	72289	43.56	ng	99
35) Caprolactam	8.36	113	39112m	40.78	ng	
36) 4-Chloro-3-methylphenol	8.49	107	133285	39.91	ng	92
37) 2-Methylnaphthalene	8.63	142	307603	45.57	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	111401	35.84	ng	# 1
40) Hexachlorocyclopentadiene	8.78	237	28620	18.76	ng	98

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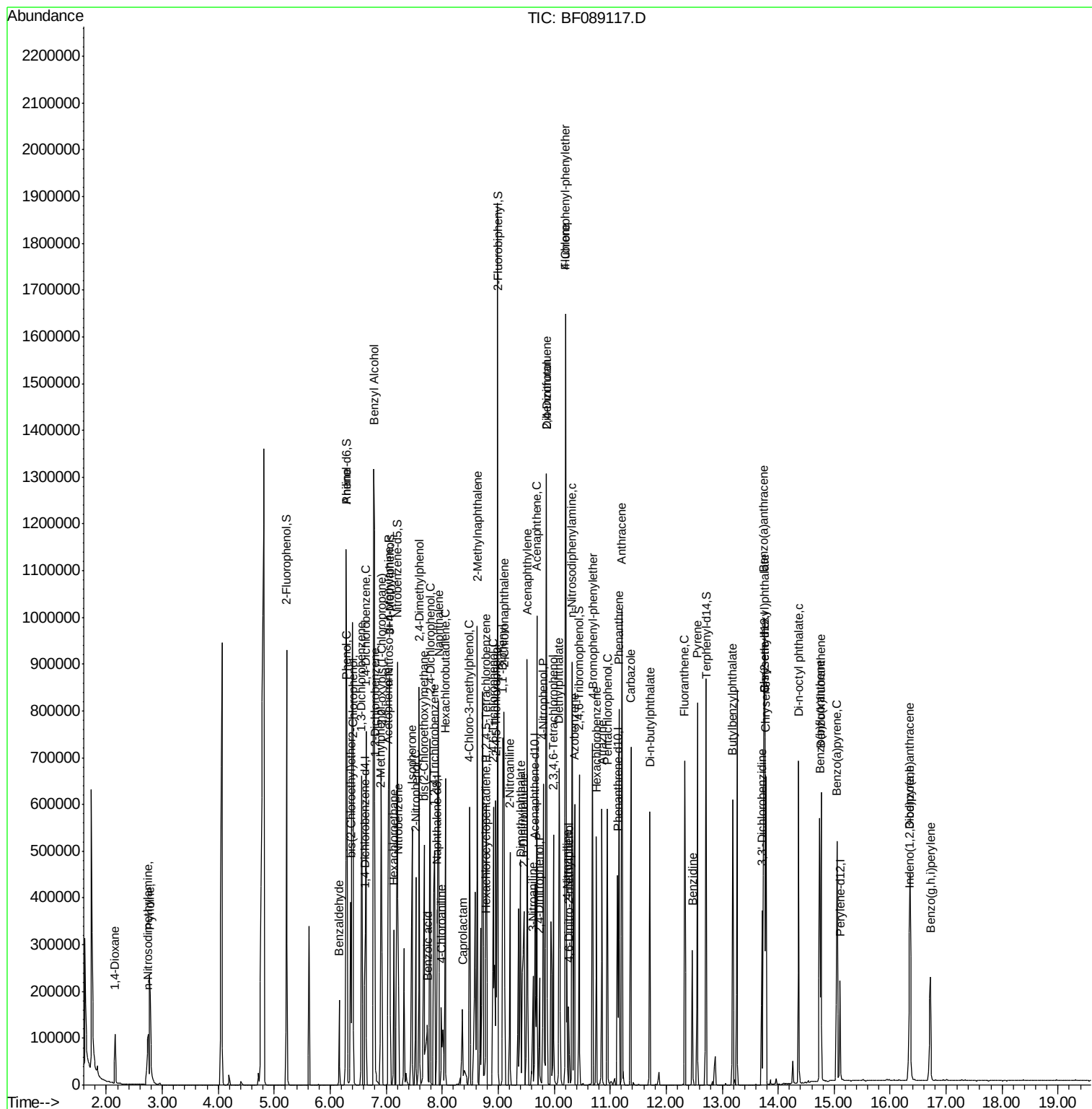
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	85162	41.56	ng	100
43) 2,4,5-Trichlorophenol	8.96	196	85413	48.45	ng	# 92
45) 1,1'-Biphenyl	9.08	154	324321	41.91	ng	99
46) 2-Chloronaphthalene	9.11	162	244115	40.19	ng	96
47) 2-Nitroaniline	9.21	65	83929	38.93	ng	98
48) Acenaphthylene	9.52	152	373766	38.67	ng	99
49) Dimethylphthalate	9.40	163	309464	46.49	ng	97
50) 2,6-Dinitrotoluene	9.46	165	71785	48.65	ng	98
51) Acenaphthene	9.69	154	223789	37.77	ng	98
52) 3-Nitroaniline	9.62	138	42586	22.71	ng	90
53) 2,4-Dinitrophenol	9.74	184	32975	50.62	ng	# 88
54) Dibenzofuran	9.86	168	327578	42.24	ng	# 85
55) 4-Nitrophenol	9.80	139	72794	51.07	ng	83
56) 2,4-Dinitrotoluene	9.86	165	90420	46.87	ng	# 48
57) Fluorene	10.20	166	265594	44.44	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	57676	42.28	ng	# 46
59) Diethylphthalate	10.09	149	291334	43.61	ng	97
60) 4-Chlorophenyl-phenylether	10.20	204	134654	48.50	ng	94
61) 4-Nitroaniline	10.23	138	50019	27.71	ng	79
62) Azobenzene	10.36	77	337150	44.24	ng	91
64) 4,6-Dinitro-2-methylphenol	10.26	198	23026	26.66	ng	# 73
65) n-Nitrosodiphenylamine	10.32	169	223731	40.94	ng	98
66) 4-Bromophenyl-phenylether	10.68	248	68824	42.30	ng	# 77
67) Hexachlorobenzene	10.75	284	71815	39.87	ng	# 89
68) Atrazine	10.86	200	73530	43.18	ng	92
69) Pentachlorophenol	10.95	266	55565	52.13	ng	97
70) Phenanthrene	11.15	178	335659	38.03	ng	99
71) Anthracene	11.21	178	398031	45.36	ng	98
72) Carbazole	11.37	167	345824	41.87	ng	98
73) Di-n-butylphthalate	11.71	149	452571	47.11	ng	97
74) Fluoranthene	12.33	202	292323	32.67	ng	97
76) Benzidine	12.47	184	158282	34.75	ng	97
77) Pyrene	12.56	202	300653	39.35	ng	99
79) Butylbenzylphthalate	13.19	149	142403	41.79	ng	# 73
80) Benzo(a)anthracene	13.75	228	246611	42.50	ng	98
81) 3,3'-Dichlorobenzidine	13.71	252	81065	37.16	ng	# 98
82) Chrysene	13.78	228	246864	43.01	ng	97
83) Bis(2-ethylhexyl)phthalate	13.76	149	207980	53.46	ng	# 99
84) Di-n-octyl phthalate	14.37	149	349472	52.87	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.34	276	196481	44.49	ng	# 100
87) Benzo(b)fluoranthene	14.74	252	244041m	40.21	ng	
88) Benzo(k)fluoranthene	14.77	252	202604m	38.35	ng	
89) Benzo(a)pyrene	15.05	252	214491	41.74	ng	98
90) Dibenzo(a,h)anthracene	16.35	278	170258	39.68	ng	97
91) Benzo(g,h,i)perylene	16.72	276	152872	34.43	ng	96

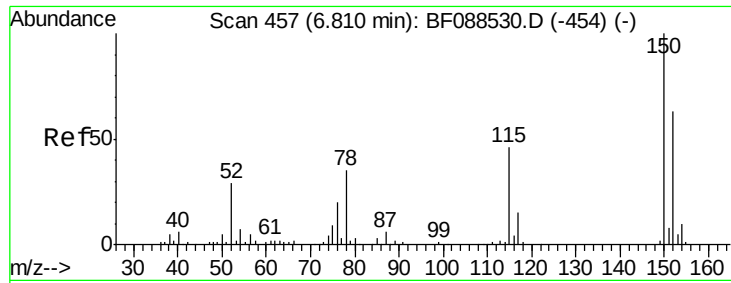
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92230BSD

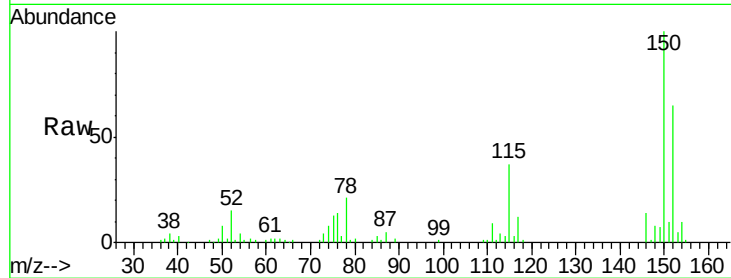
Tgt Ion:152 Resp: 54653

Ion Ratio Lower Upper

152 100

150 154.7 123.8 185.6

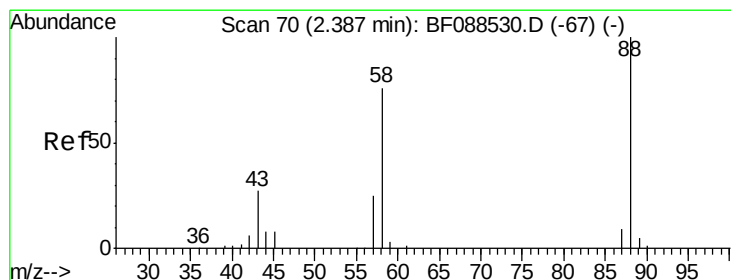
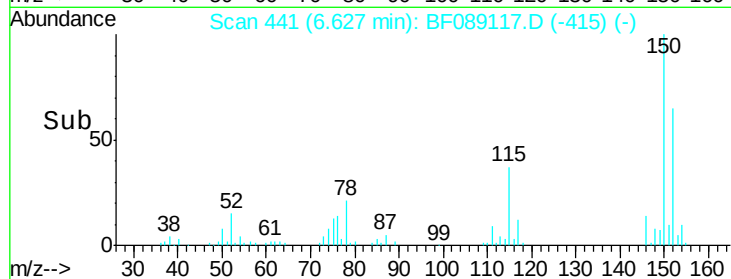
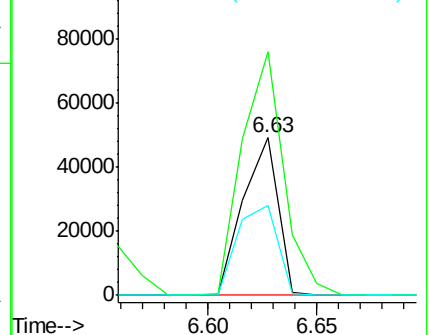
115 56.9 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.31 ng

RT: 2.16 min Scan# 50

Delta R.T. 0.09 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

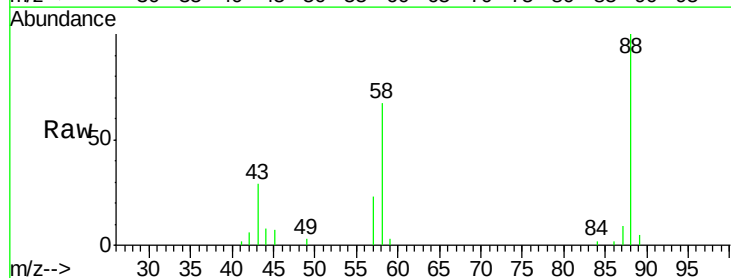
Tgt Ion: 88 Resp: 49377

Ion Ratio Lower Upper

88 100

58 71.5 0.0 0.0#

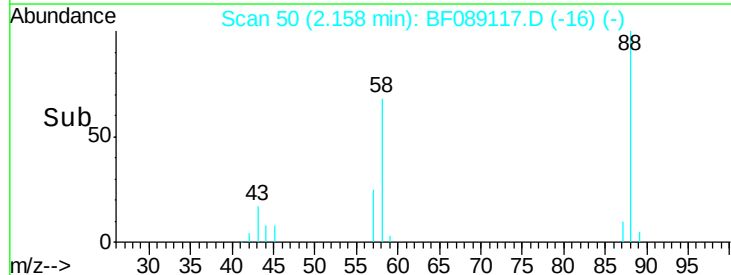
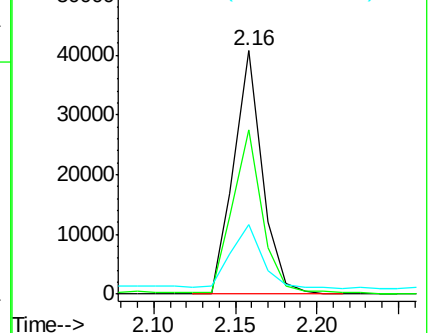
43 29.0 3.4 5.2#

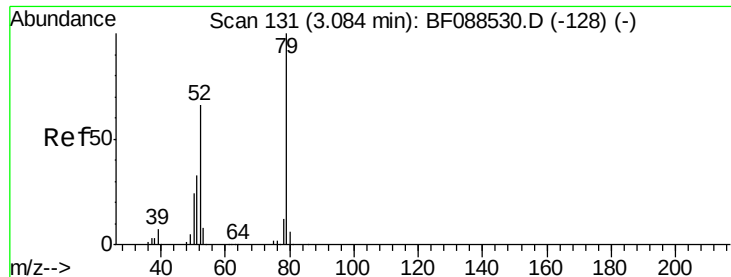


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 28.88 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.08 min

Lab File: BF089117.D

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Instrument :

BNA_F

ClientSampleId :

PB92230BSD

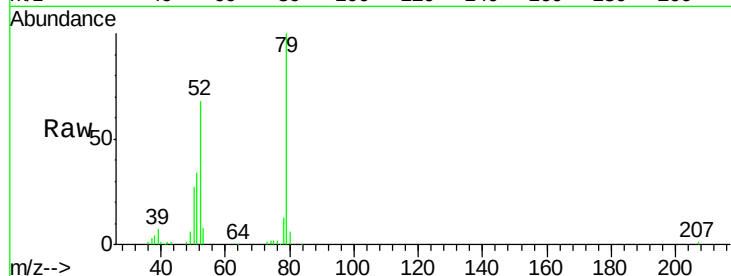
Tgt Ion: 79 Resp: 151488

Ion Ratio Lower Upper

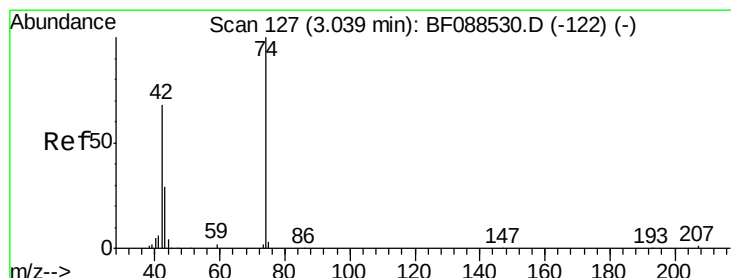
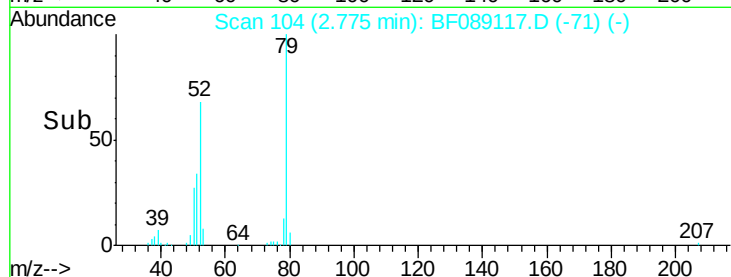
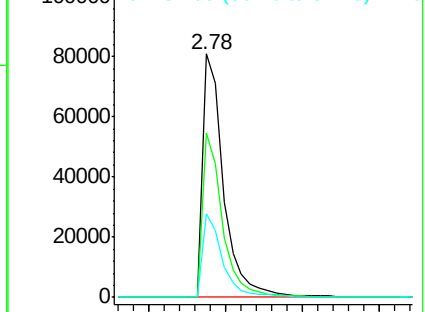
79 100

52 67.6 56.3 84.5

51 34.2 27.4 41.2



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: 34.19 ng

RT: 2.75 min Scan# 102

Delta R.T. 0.09 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

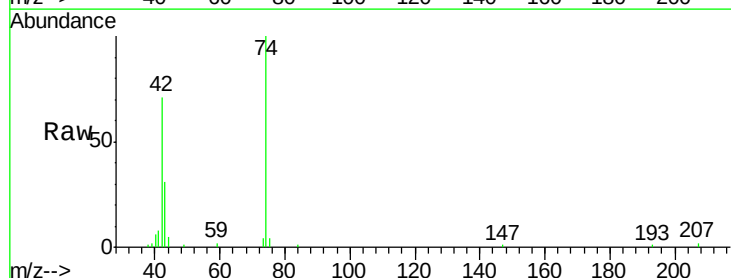
Tgt Ion: 42 Resp: 68530

Ion Ratio Lower Upper

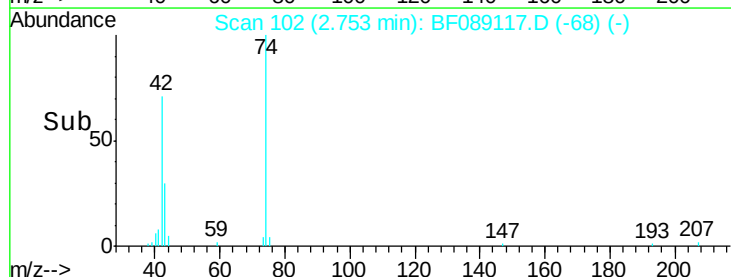
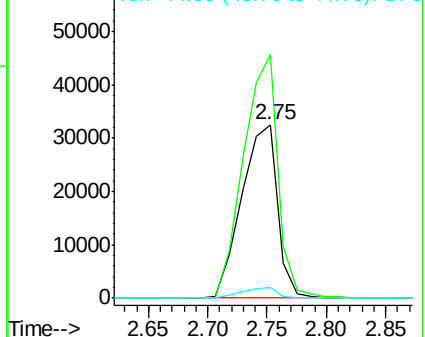
42 100

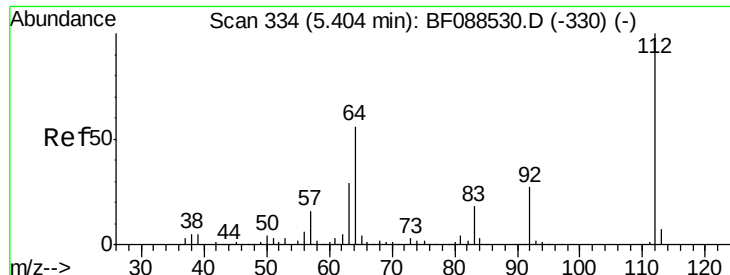
74 140.1 108.6 163.0

44 6.3 5.5 8.3



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: 73.30 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

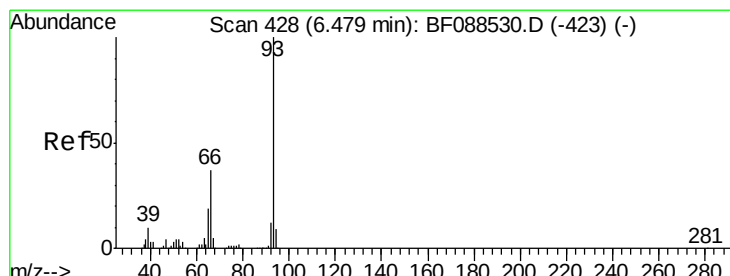
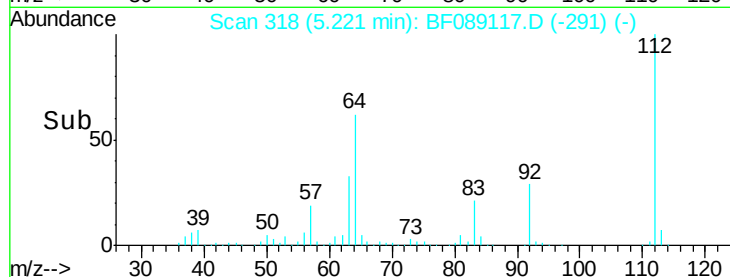
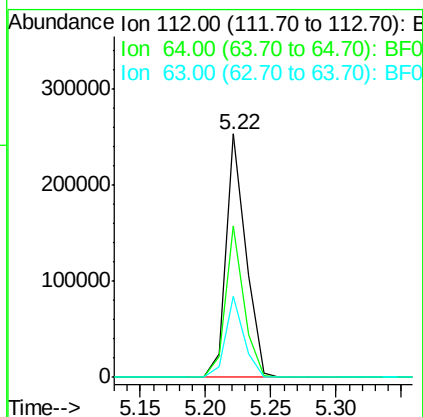
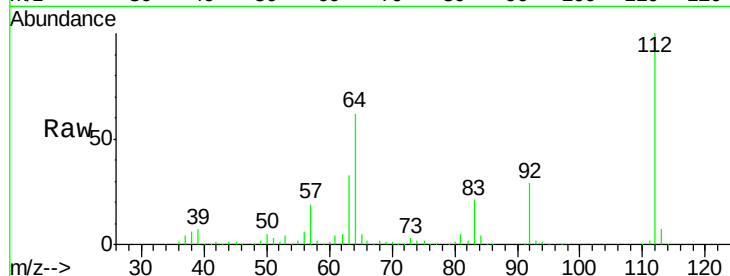
Instrument :

BNA_F

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PB92230BSD

Tgt Ion:	112	Resp:	267304
Ion Ratio	Lower	Upper	
112	100		
64	62.3	42.2	63.2
63	33.4	21.8	32.8#



#6

Aniline

Concen: 16.29 ng

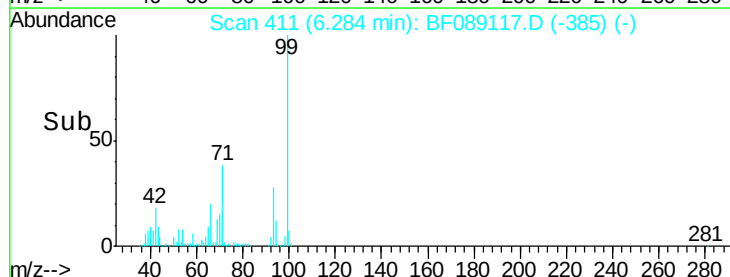
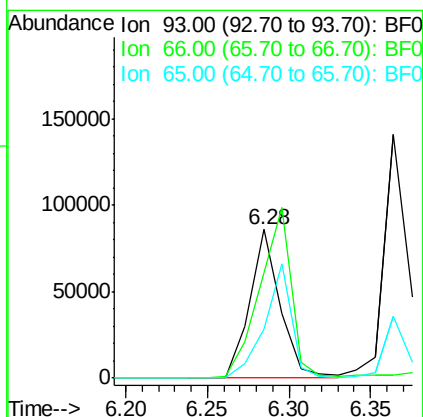
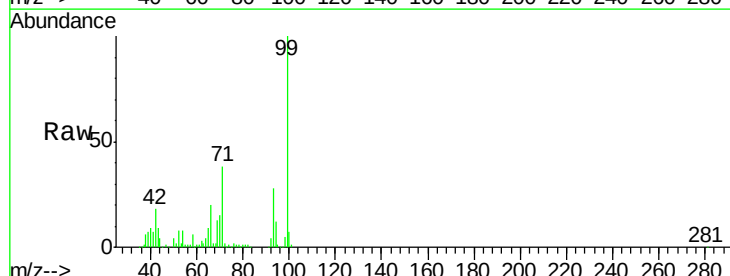
RT: 6.28 min Scan# 411

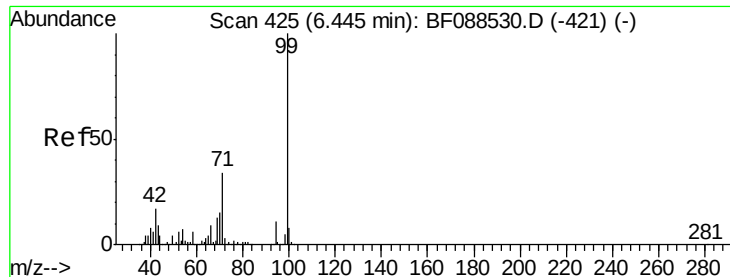
Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Tgt Ion:	93	Resp:	111843
Ion Ratio	Lower	Upper	
93	100		
66	70.8	29.8	44.8#
65	32.9	14.9	22.3#





#7

Phenol-d6

Concen: 73.48 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92230BSD

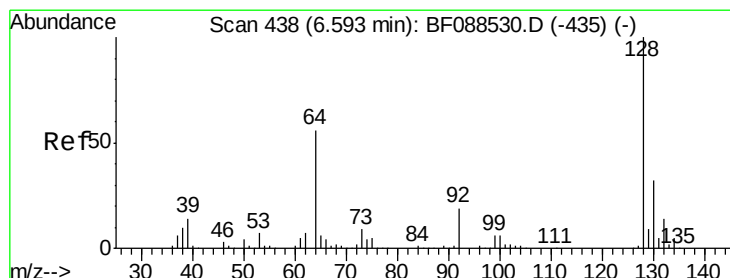
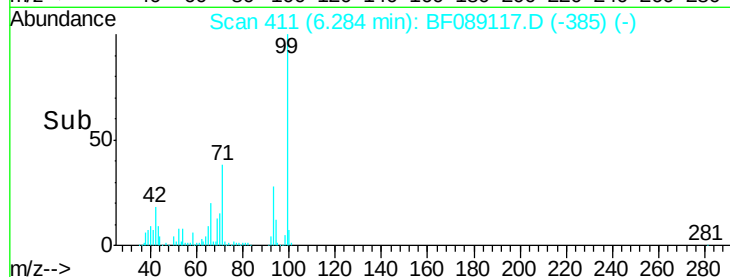
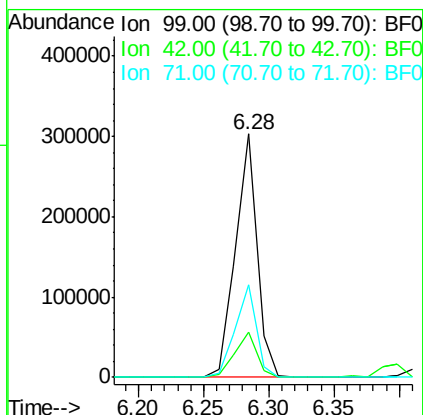
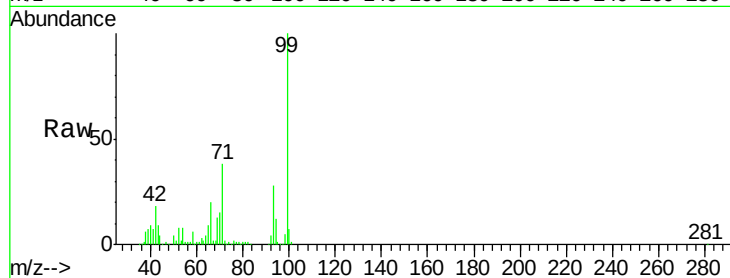
Tgt Ion: 99 Resp: 346259

Ion Ratio Lower Upper

99 100

42 18.5 12.2 18.2#

71 38.0 23.4 35.0#



#8

2-Chlorophenol

Concen: 38.13 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

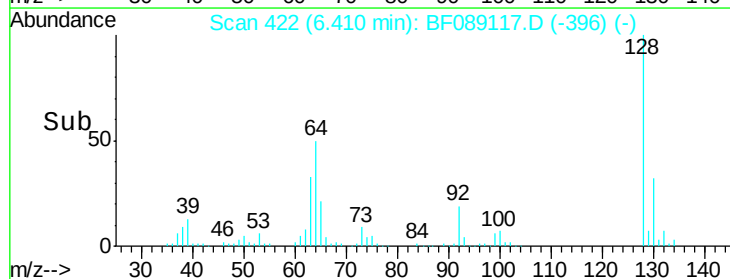
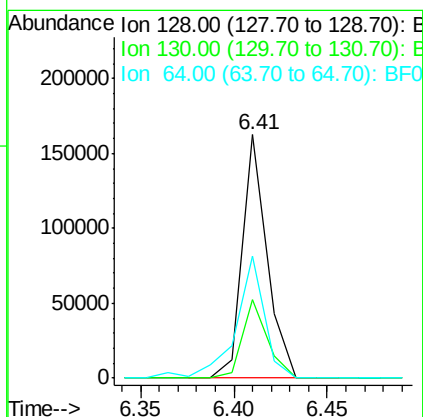
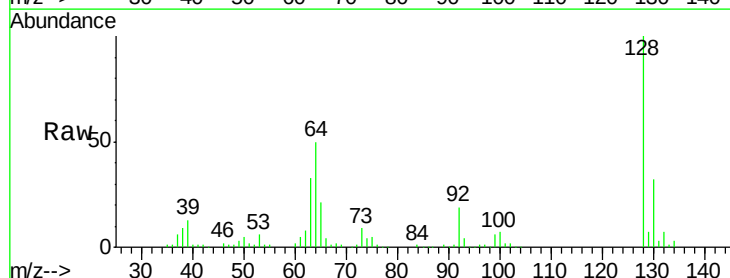
Tgt Ion: 128 Resp: 149449

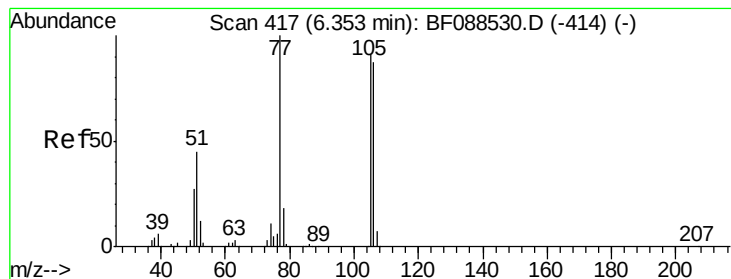
Ion Ratio Lower Upper

128 100

130 32.2 12.0 52.0

64 50.2 30.8 70.8





#9

Benzaldehyde

Concen: 10.82 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.00 min

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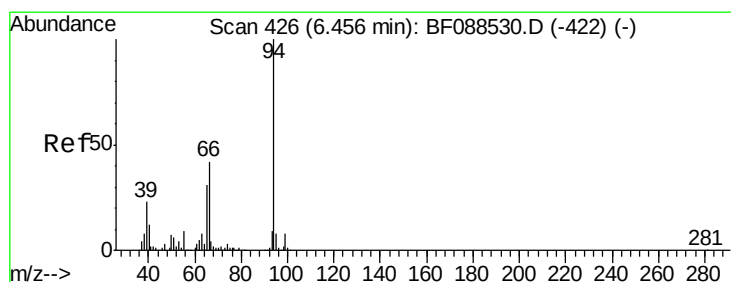
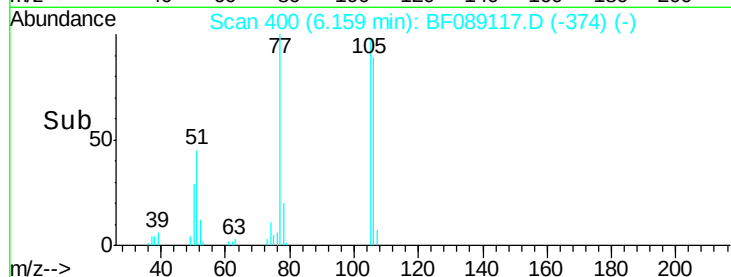
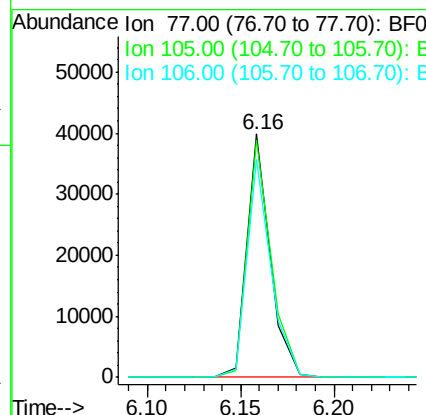
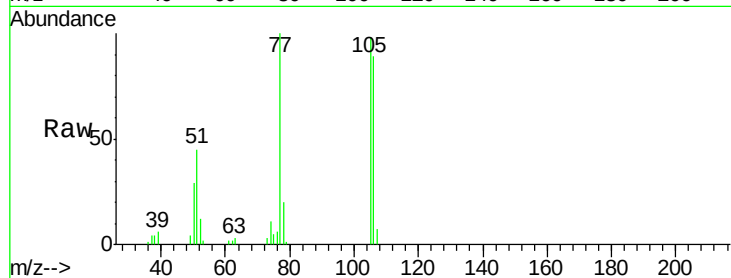
Tgt Ion: 77 Resp: 34531

Ion Ratio Lower Upper

77 100

105 97.7 90.6 130.6

106 89.4 85.3 125.3



#10

Phenol

Concen: 32.47 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

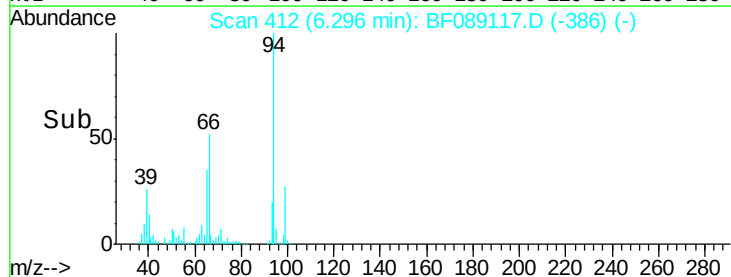
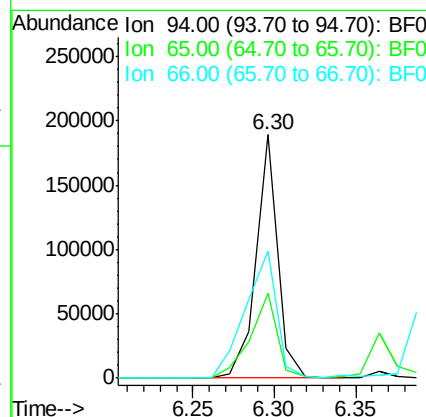
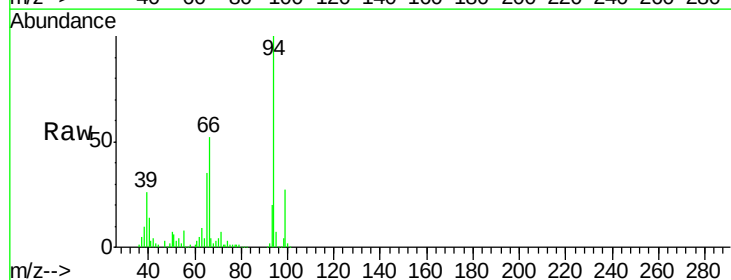
Tgt Ion: 94 Resp: 174633

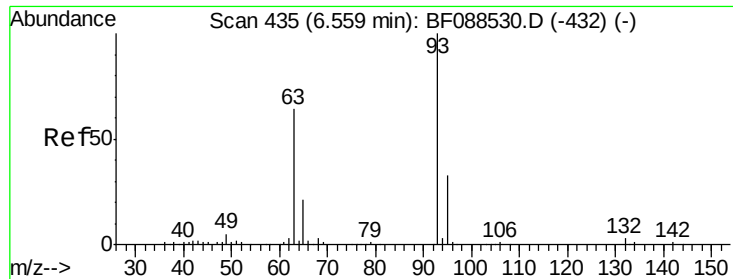
Ion Ratio Lower Upper

94 100

65 35.0 5.9 45.9

66 52.1 14.0 54.0

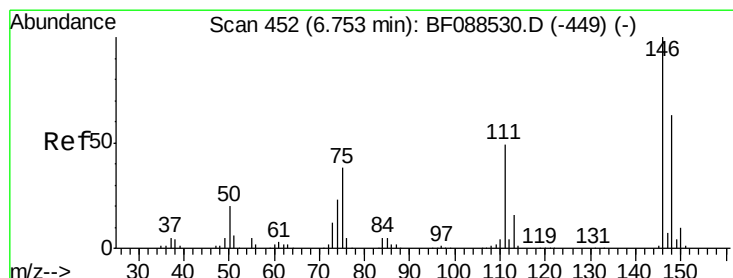
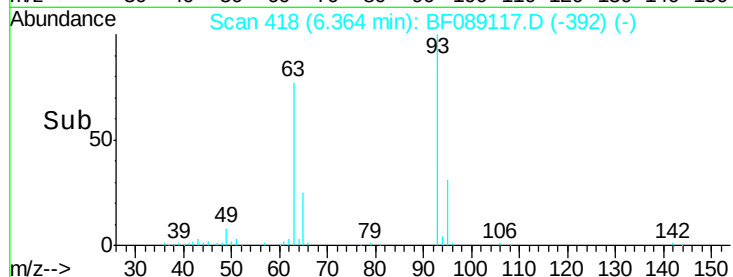
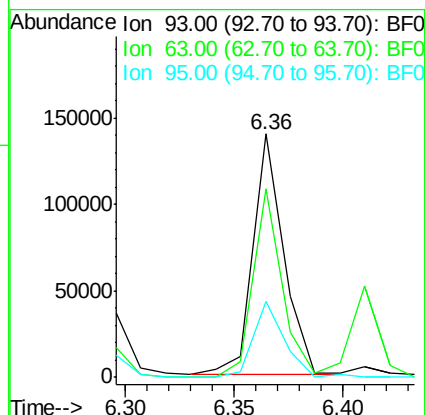
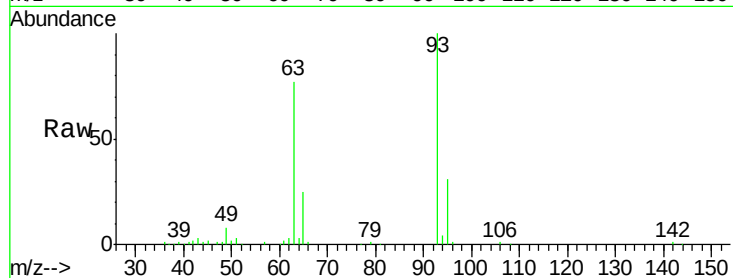




#11
bis(2-Chloroethyl)ether
Concen: 34.23 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF089117.D
Acq: 19 Jul 2016 14:43

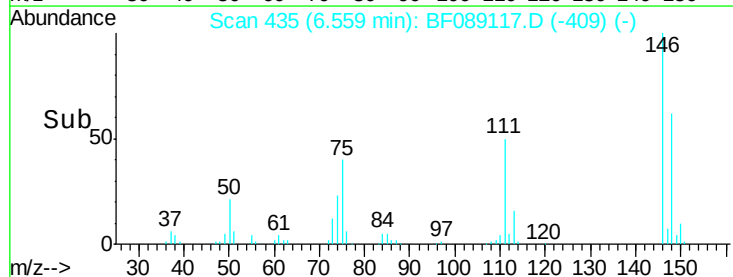
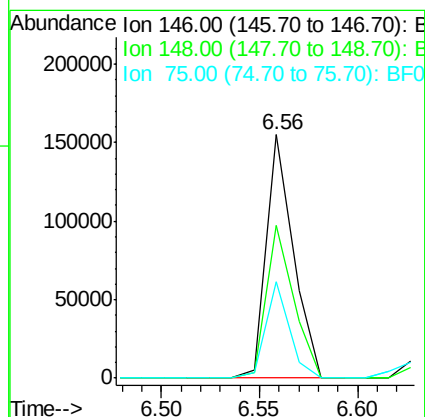
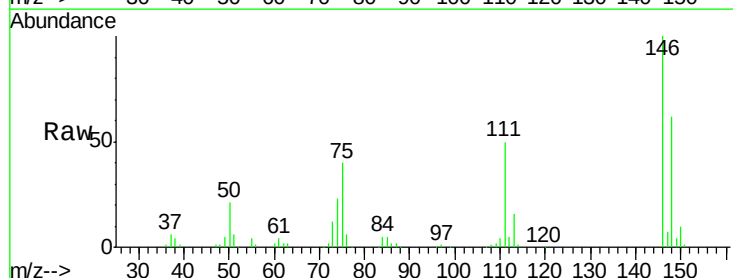
Instrument :
BNA_F
ClientSampleId :
PB92230BSD

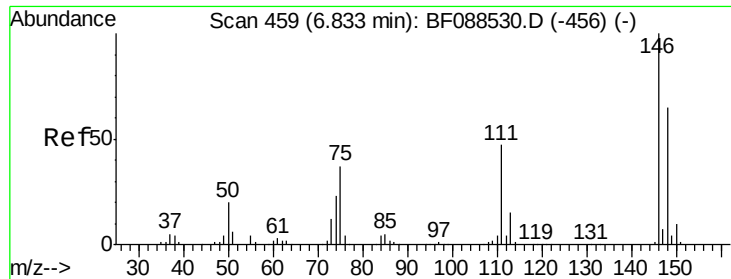
Tgt Ion: 93 Resp: 137258
Ion Ratio Lower Upper
93 100
63 77.4 67.6 107.6
95 31.0 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 34.37 ng m
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF089117.D
Acq: 19 Jul 2016 14:43

Tgt Ion: 146 Resp: 148252
Ion Ratio Lower Upper
146 100
148 62.5 50.9 76.3
75 39.5 25.6 38.4#

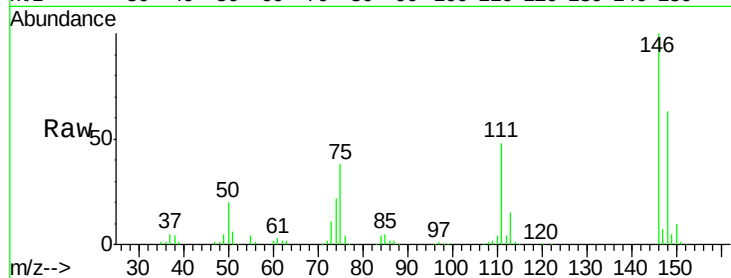




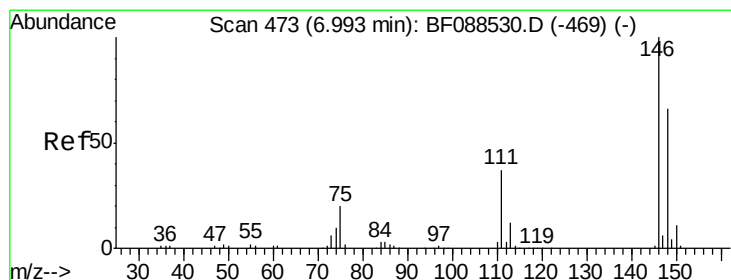
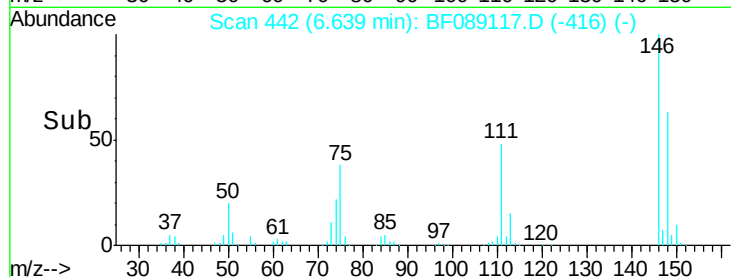
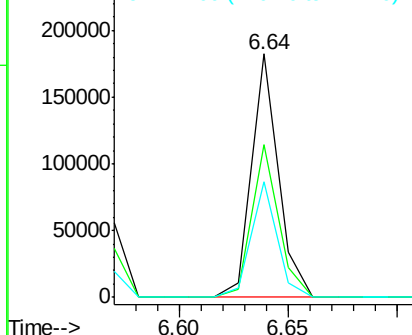
#13
 1,4-Dichlorobenzene
 Concen: 36.32 ng
 RT: 6.64 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB92230BSD

Tgt Ion:146 Resp: 155493
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.0 78.0
 111 47.6 33.8 50.8

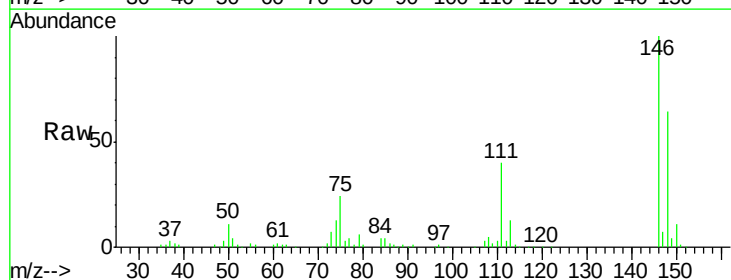


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

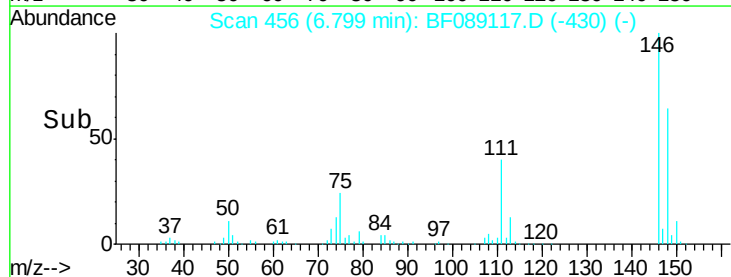
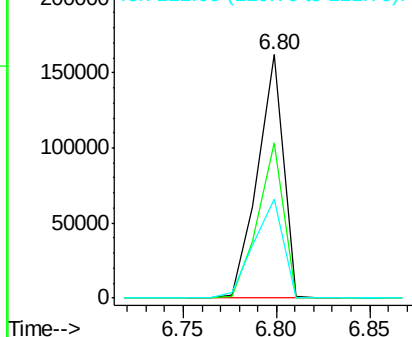


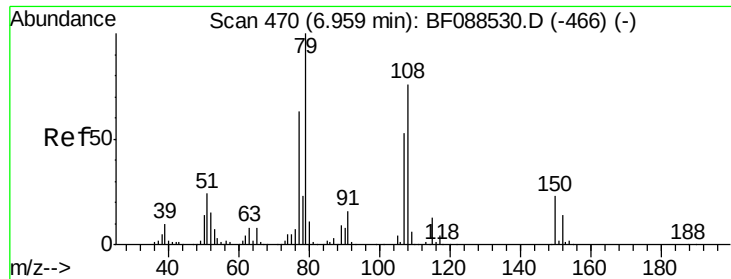
#14
 1,2-Dichlorobenzene
 Concen: 38.56 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Tgt Ion:146 Resp: 154525
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.3 78.5
 111 40.5 28.7 43.1



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: 39.07 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92230BSD

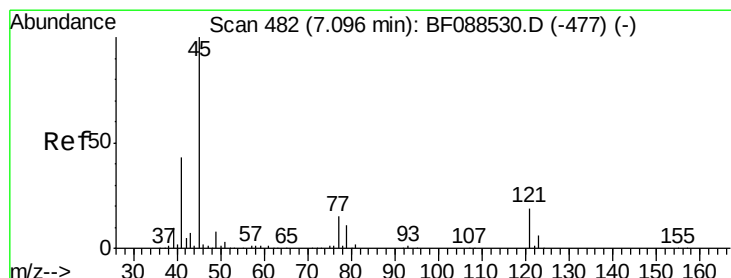
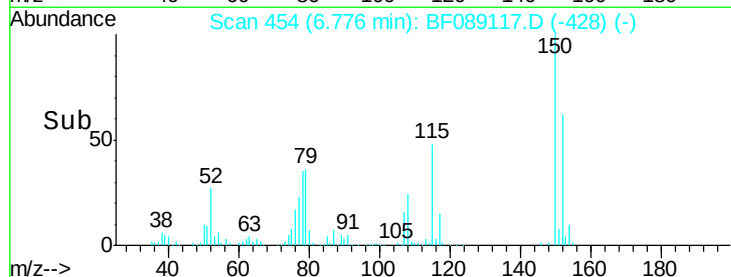
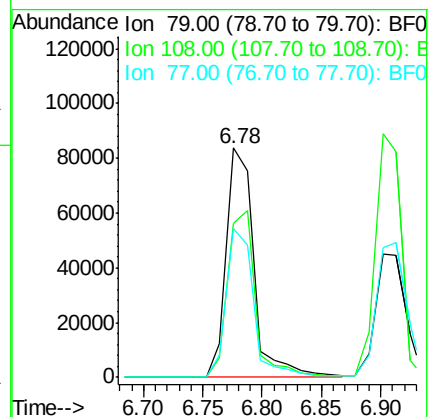
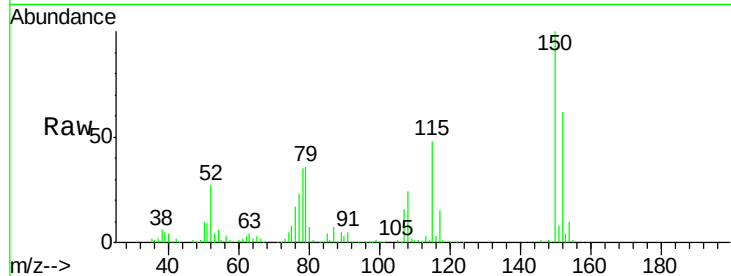
Tgt Ion: 79 Resp: 135504

Ion Ratio Lower Upper

79 100

108 66.9 65.0 97.6

77 64.9 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.40 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

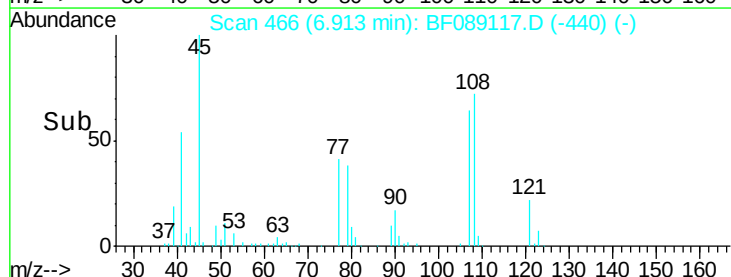
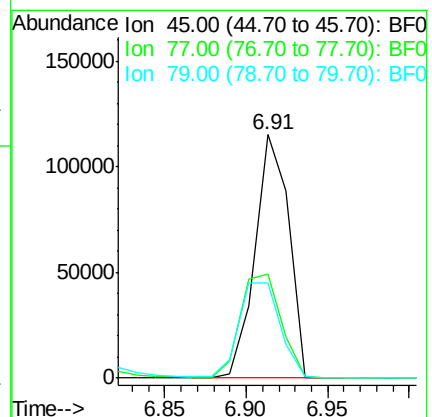
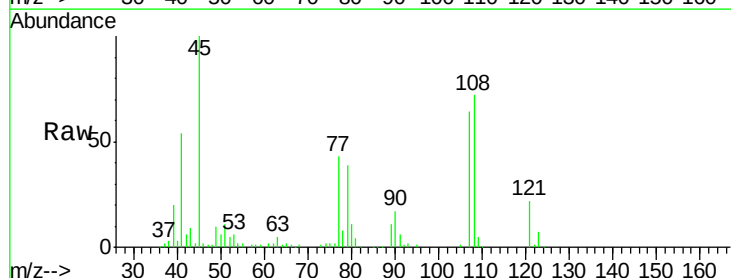
Tgt Ion: 45 Resp: 164928

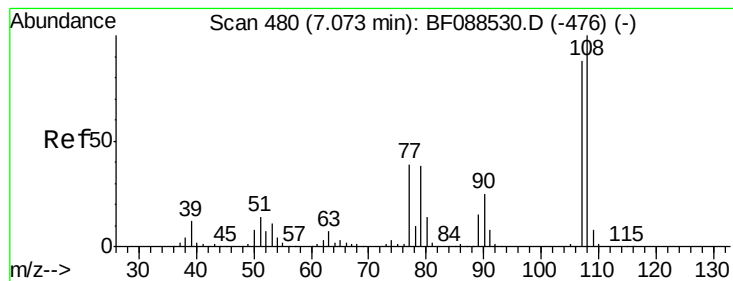
Ion Ratio Lower Upper

45 100

77 42.9 0.0 32.5#

79 38.8 0.0 29.5#

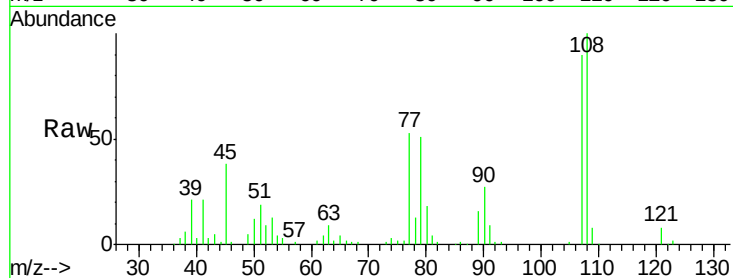




#17
2-Methylphenol
Concen: 37.86 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF089117.D
Acq: 19 Jul 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB92230BSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.6	90.9	136.3
77	58.7	36.6	55.0#
79	56.2	36.5	54.7#



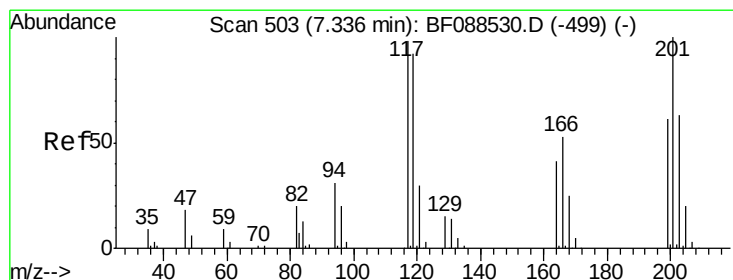
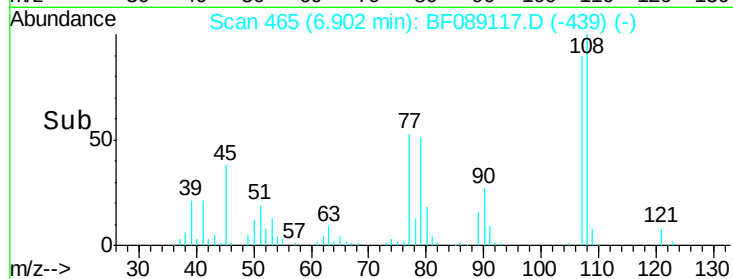
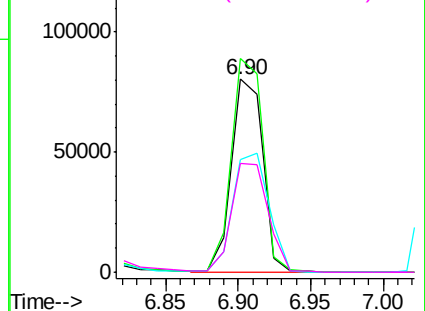
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

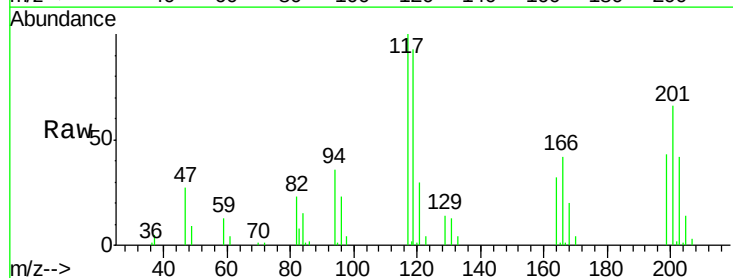
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 33.40 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF089117.D
Acq: 19 Jul 2016 14:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.4	116.2
201	66.0	80.4	120.6#

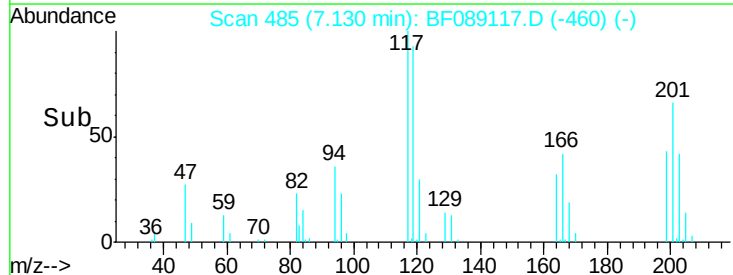
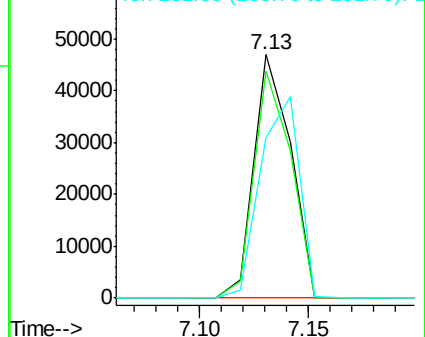


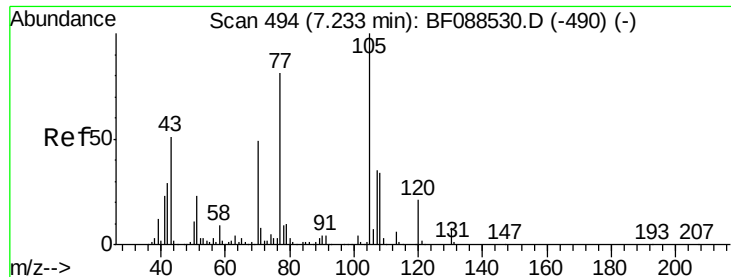
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

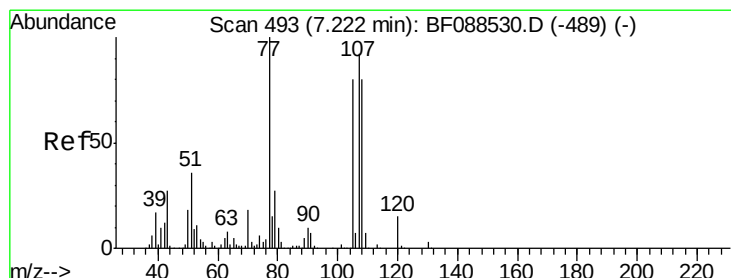
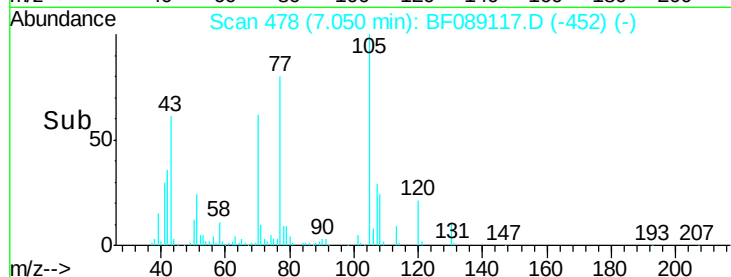
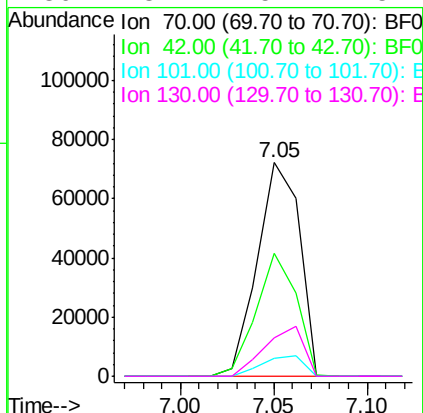
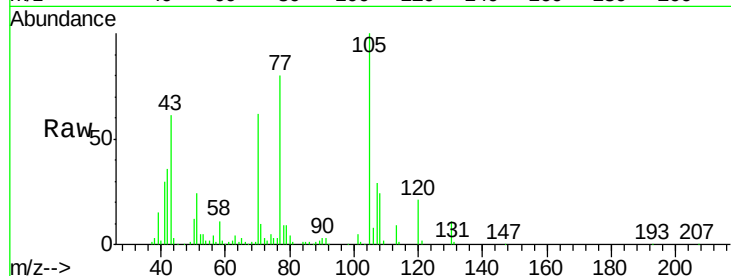




#19
n-Nitroso-di-n-propylamine
Concen: 35.71 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF089117.D
Acq: 19 Jul 2016 14:43

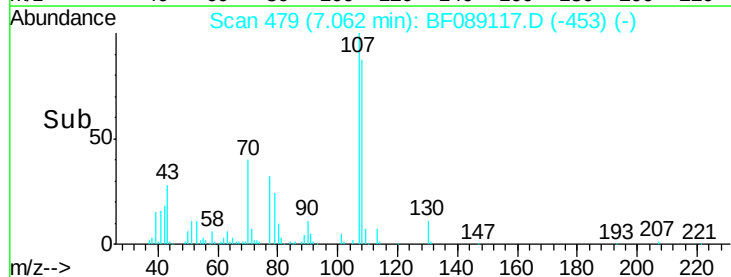
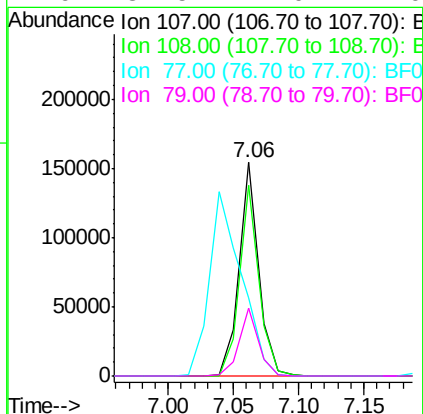
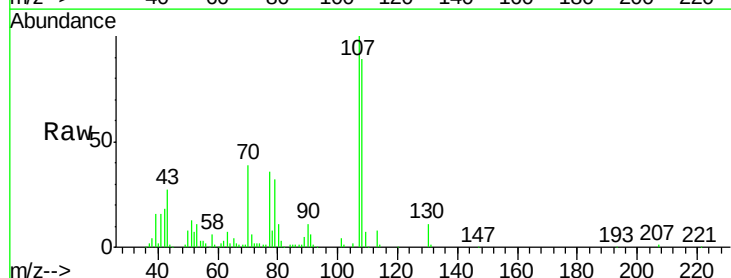
Instrument :
BNA_F
ClientSampleId :
PB92230BSD

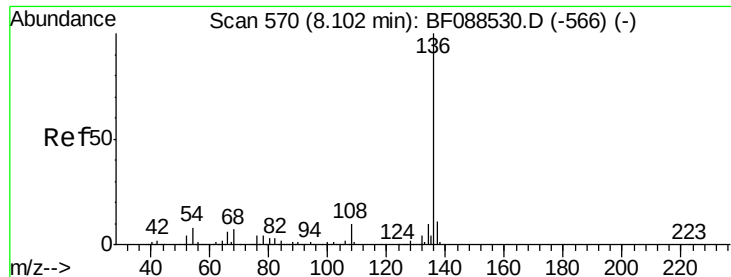
Tgt Ion: 70 Resp: 113014
Ion Ratio Lower Upper
70 100
42 57.4 49.6 74.4
101 8.6 7.1 10.7
130 18.2 15.4 23.2



#20
3+4-Methylphenols
Concen: 41.41 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF089117.D
Acq: 19 Jul 2016 14:43

Tgt Ion: 107 Resp: 158897
Ion Ratio Lower Upper
107 100
108 89.1 67.8 107.8
77 36.4 59.3 99.3#
79 31.5 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92230BSD

Tgt Ion:136 Resp: 212665

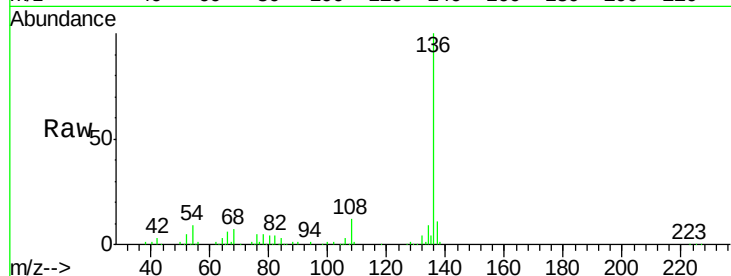
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.8 6.6 10.0

68 6.5 5.1 7.7

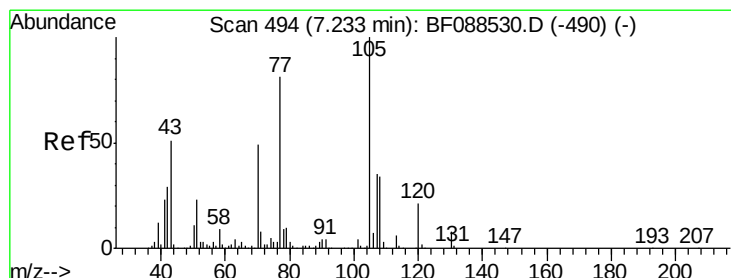
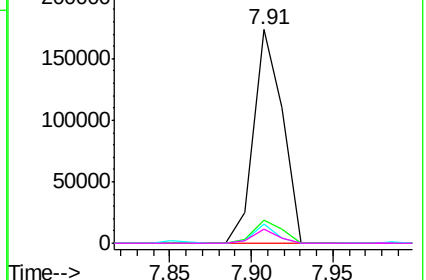
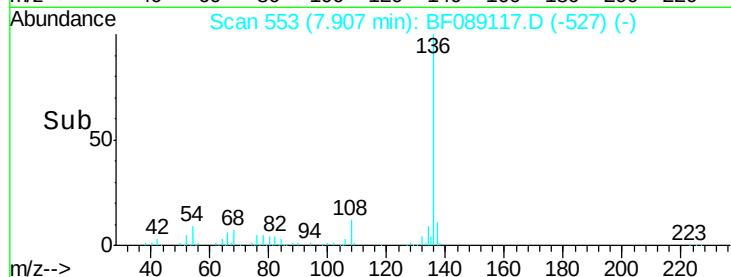


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.54 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Tgt Ion:105 Resp: 224739

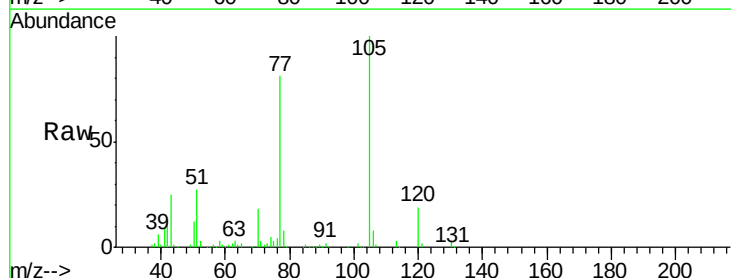
Ion Ratio Lower Upper

105 100

71 3.0 5.3 7.9#

51 26.6 18.2 27.4

120 19.2 18.0 27.0

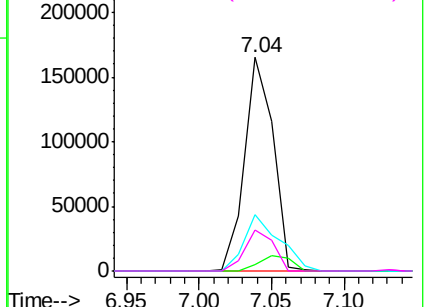
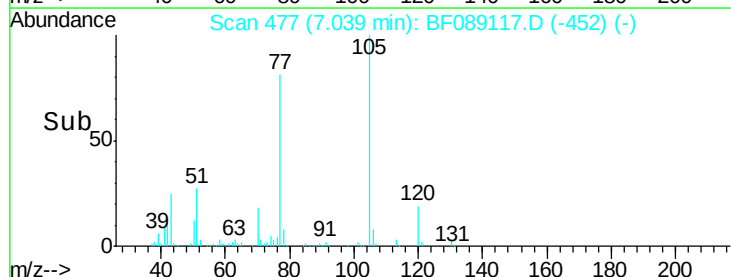


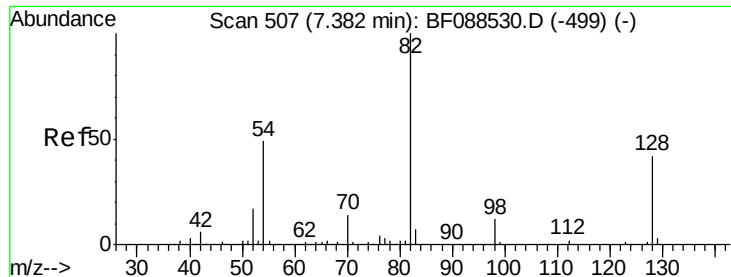
Abundance Ion 105.00 (104.70 to 105.70): E

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

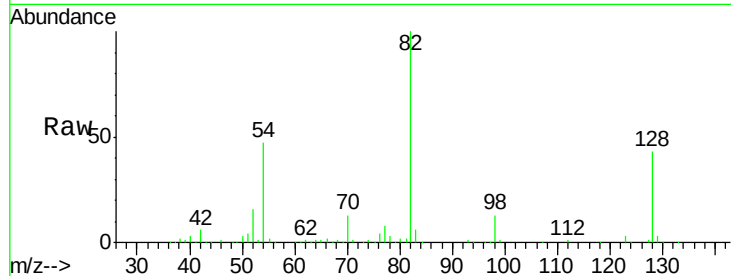




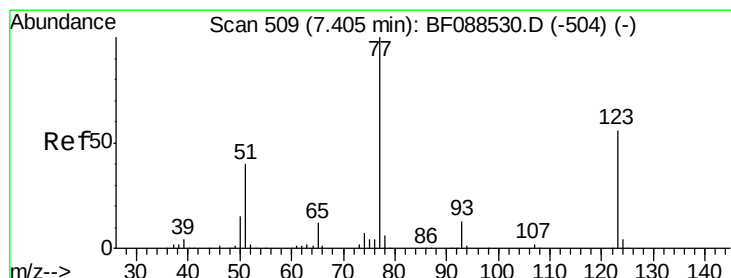
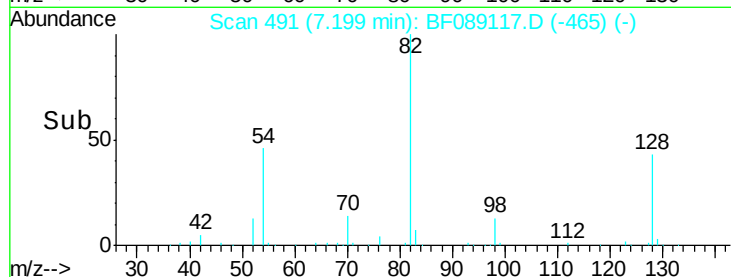
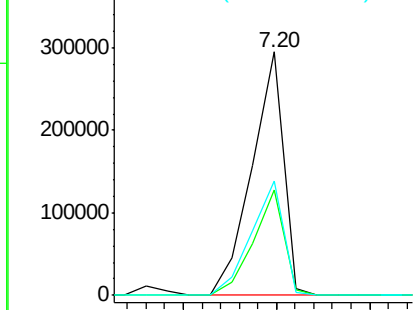
#23
 Nitrobenzene-d5
 Concen: 85.48 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB92230BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.9	53.9
54	47.1	40.9	61.3

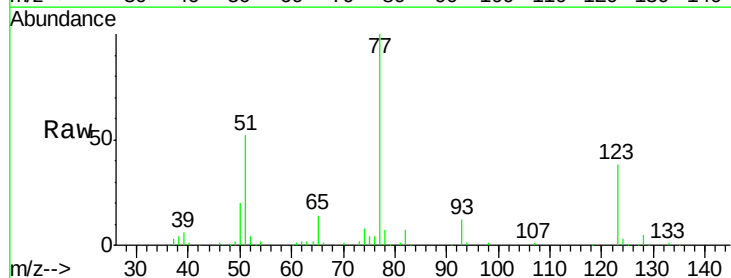


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

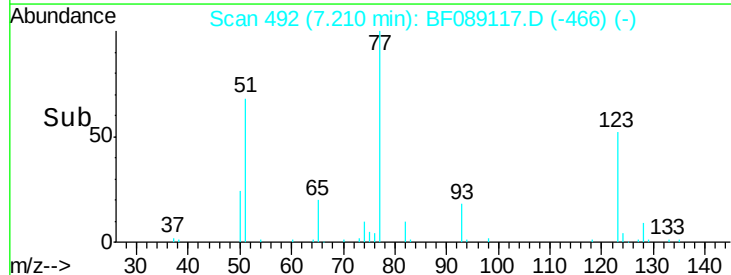
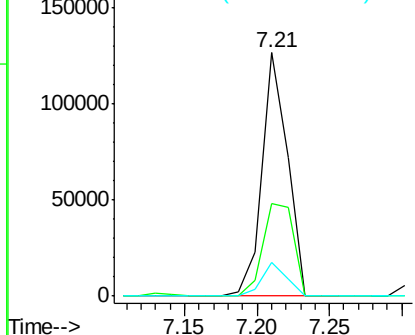


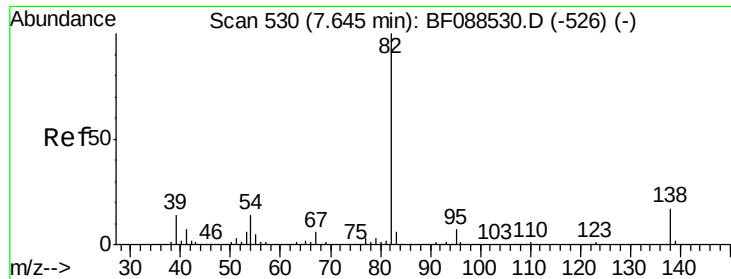
#24
 Nitrobenzene
 Concen: 37.50 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.9	45.0	67.4#
65	14.0	10.2	15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0

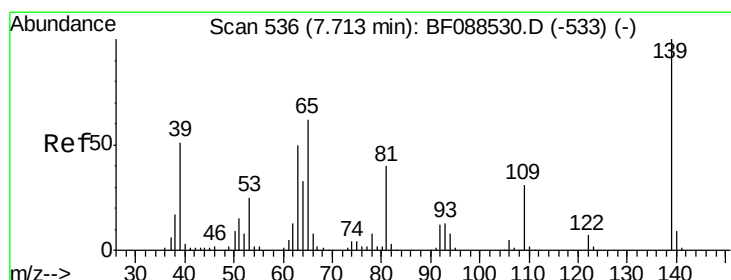
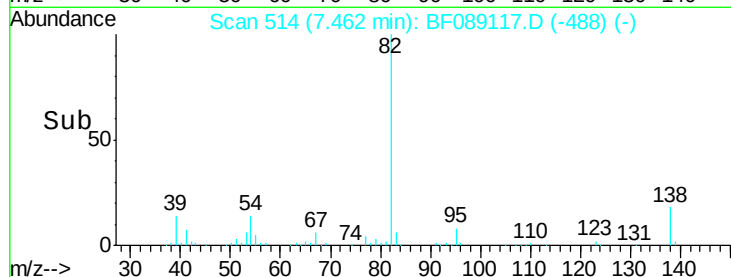
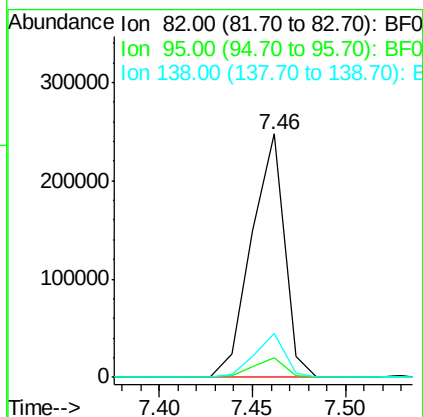
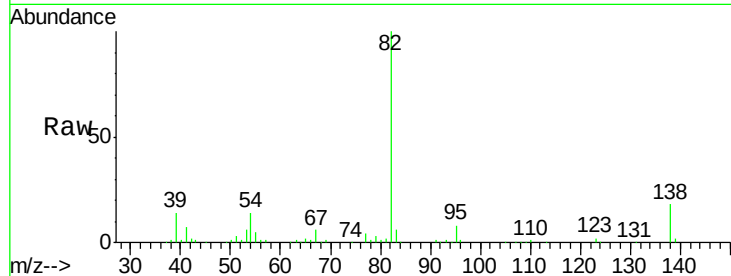




#25
Isophorone
Concen: 40.47 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF089117.D
Acq: 19 Jul 2016 14:43

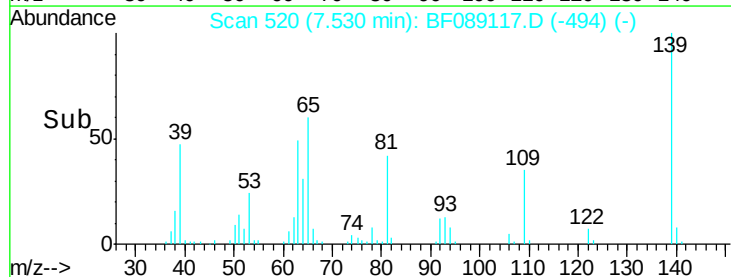
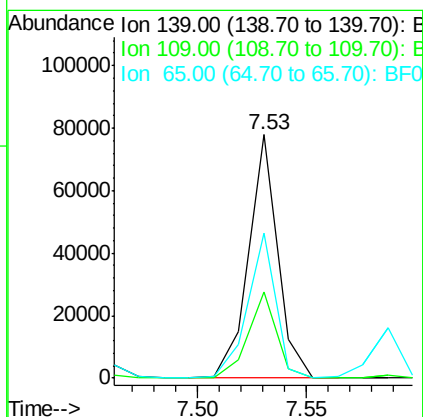
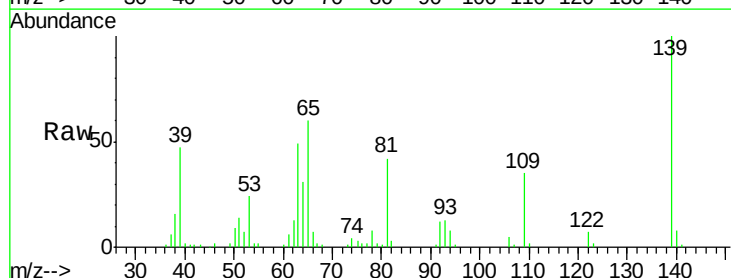
Instrument :
BNA_F
ClientSampleId :
PB92230BSD

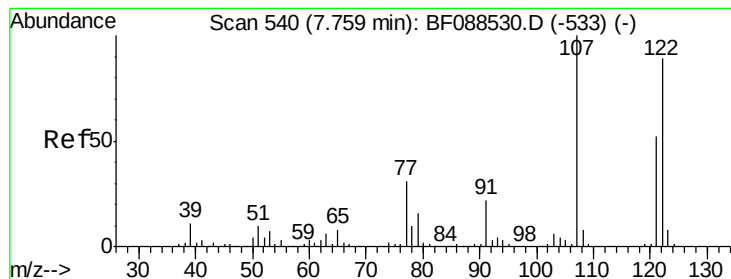
Tgt Ion: 82 Resp: 304254
Ion Ratio Lower Upper
82 100
95 8.0 5.4 8.2
138 17.9 14.6 21.8



#26
2-Nitrophenol
Concen: 43.13 ng
RT: 7.53 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF089117.D
Acq: 19 Jul 2016 14:43

Tgt Ion: 139 Resp: 72365
Ion Ratio Lower Upper
139 100
109 35.4 23.0 34.4#
65 59.8 45.8 68.8





#27

2,4-Dimethylphenol

Concen: 40.29 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92230BSD

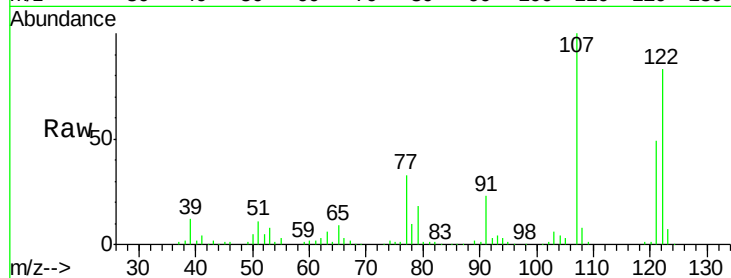
Tgt Ion:122 Resp: 140788

Ion Ratio Lower Upper

122 100

107 120.5 82.4 123.6

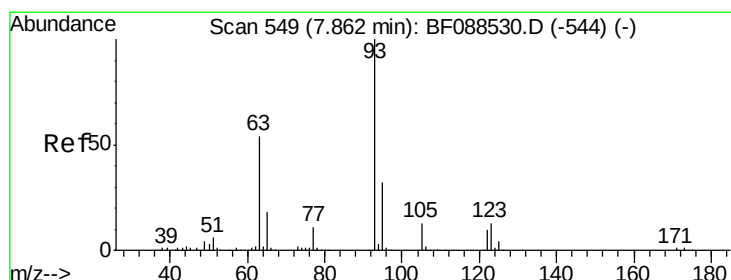
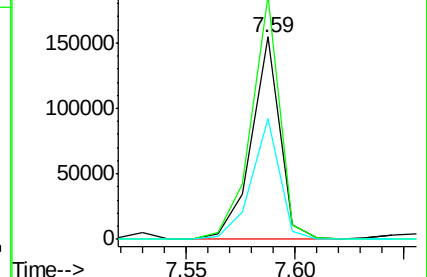
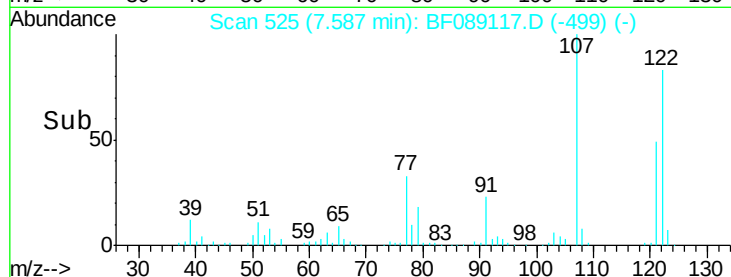
121 59.5 46.3 69.5



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: 40.79 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

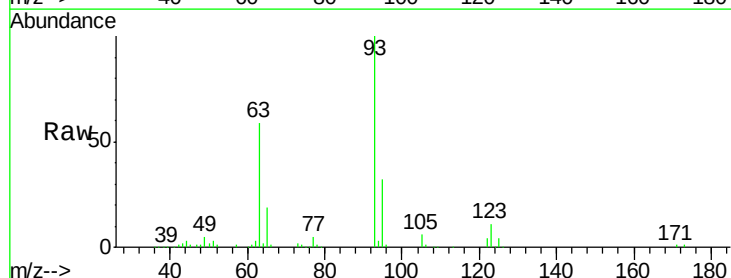
Tgt Ion: 93 Resp: 199515

Ion Ratio Lower Upper

93 100

95 31.9 26.5 39.7

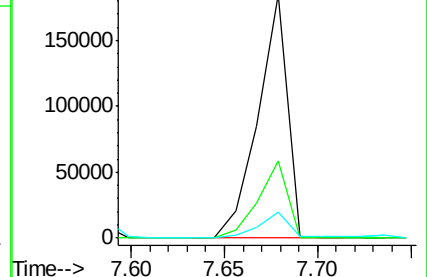
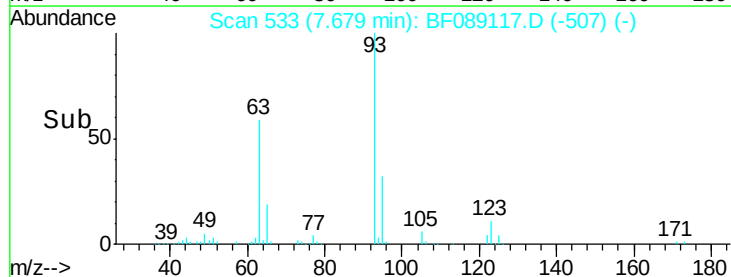
123 10.8 11.6 17.4#

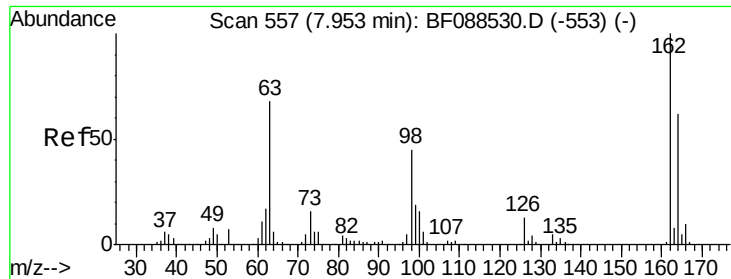


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

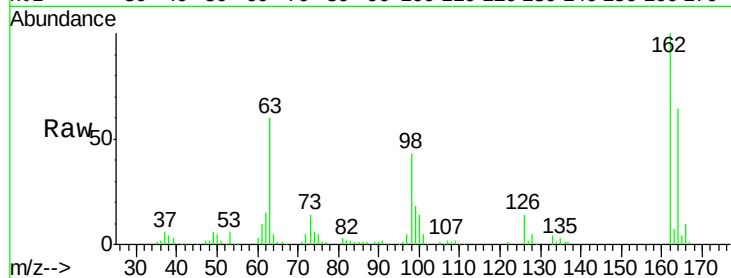




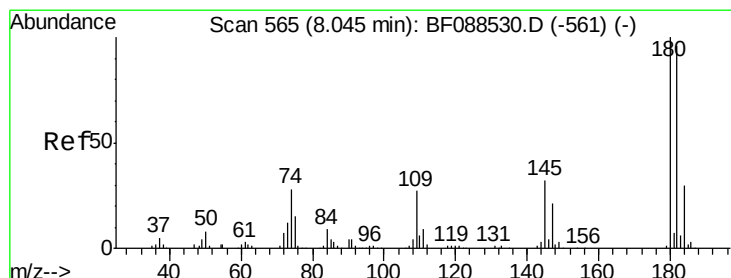
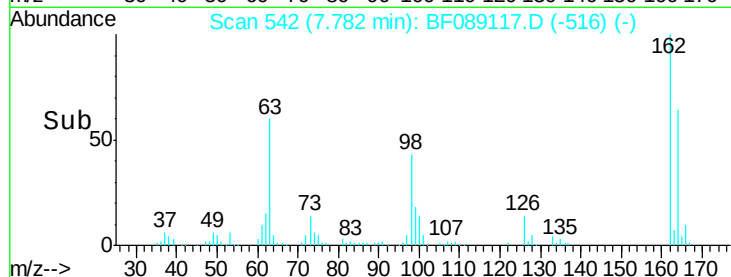
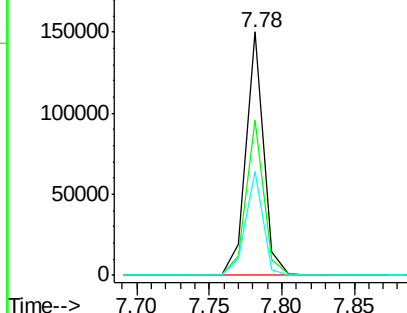
#29
 2,4-Dichlorophenol
 Concen: 45.00 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB92230BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.8	83.8
98	43.0	21.3	61.3

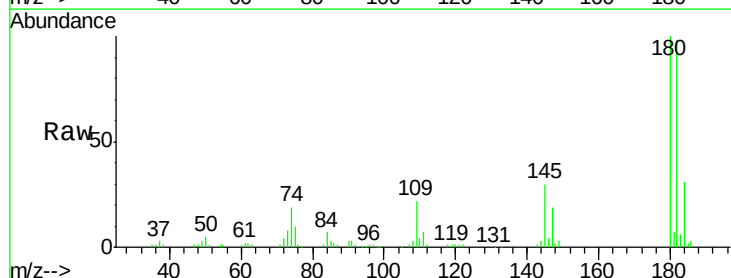


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

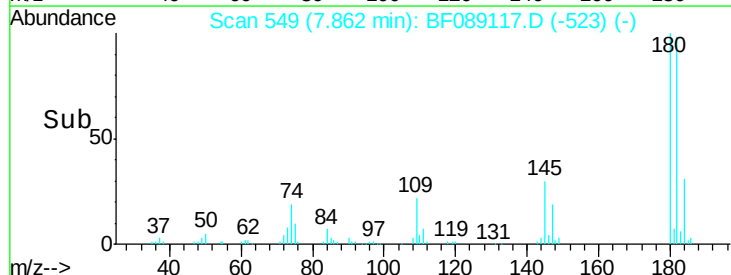
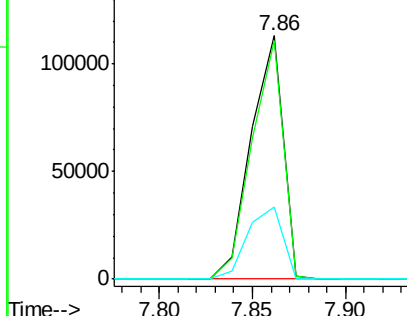


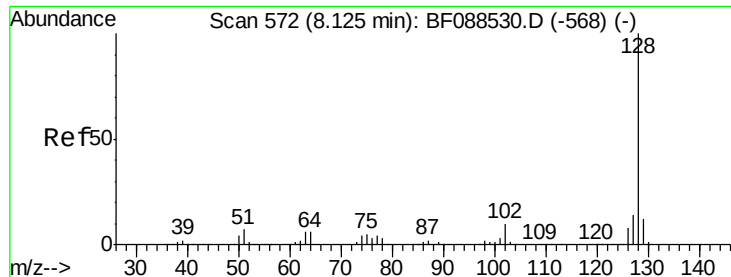
#30
 1,2,4-Trichlorobenzene
 Concen: 43.23 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.0	114.0
145	29.8	26.5	39.7



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

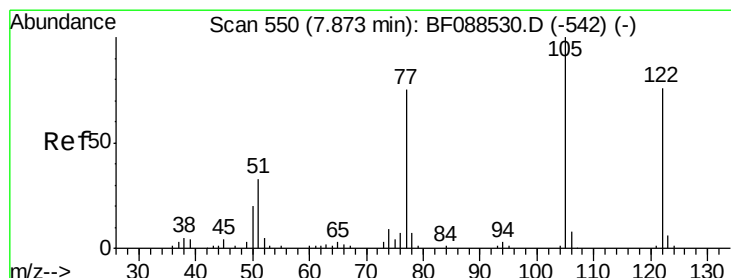
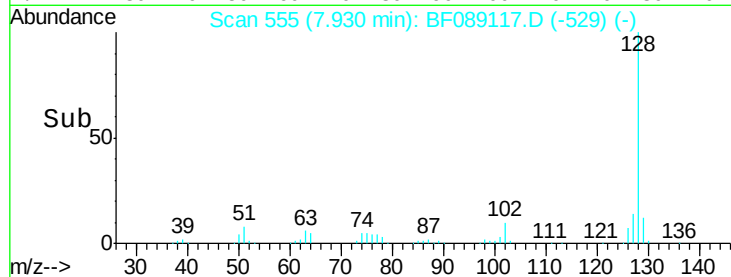
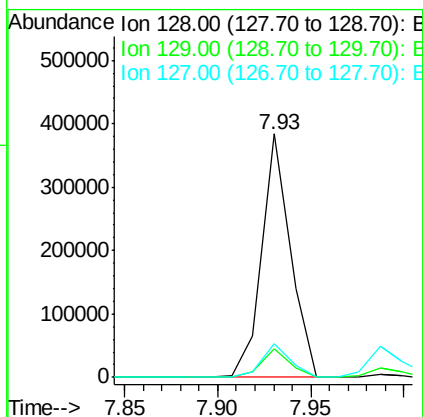
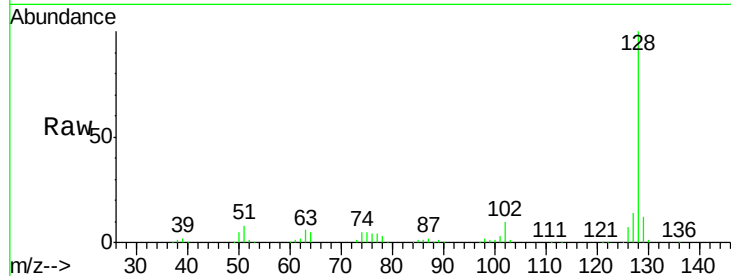




#31
Naphthalene
Concen: 38.78 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF089117.D
Acq: 19 Jul 2016 14:43

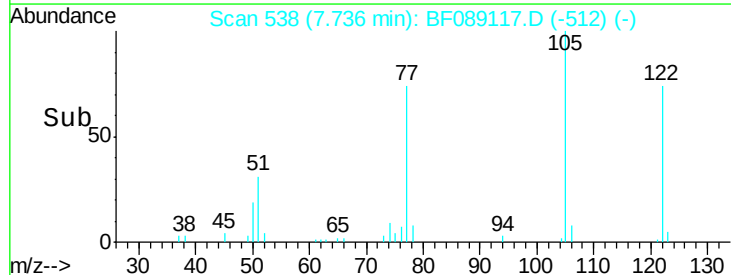
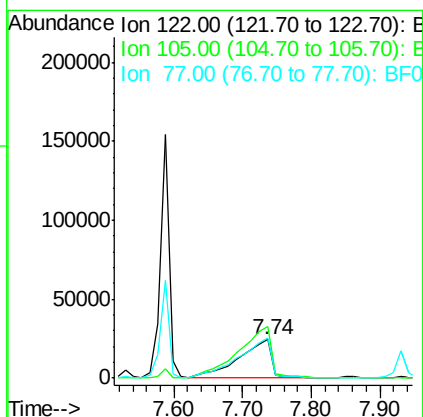
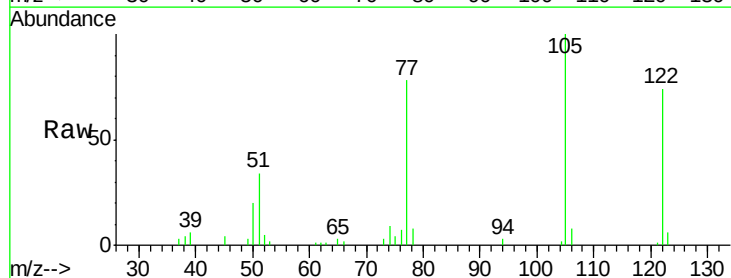
Instrument :
BNA_F
ClientSampleId :
PB92230BSD

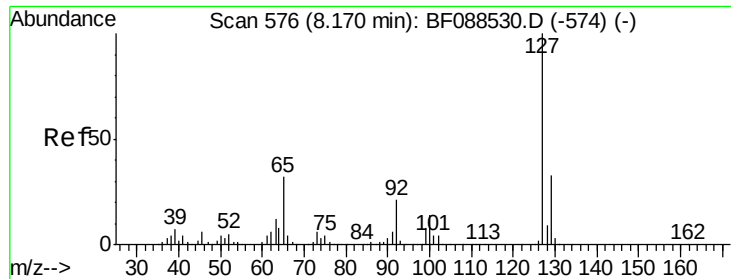
Tgt Ion:128 Resp: 406609
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 32.54 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF089117.D
Acq: 19 Jul 2016 14:43

Tgt Ion:122 Resp: 82564
Ion Ratio Lower Upper
122 100
105 135.8 101.6 141.6
77 105.4 70.6 110.6

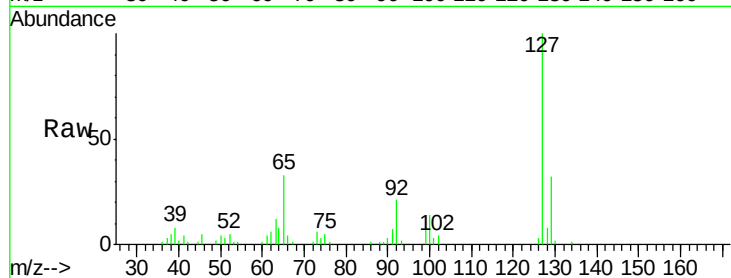




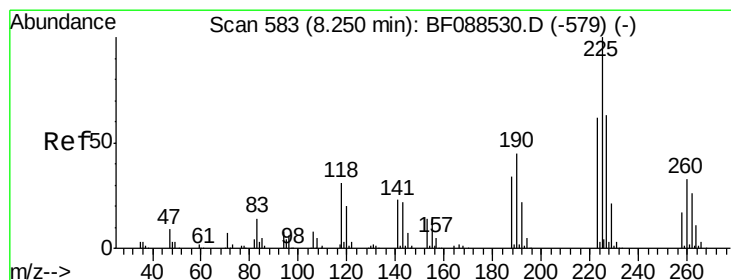
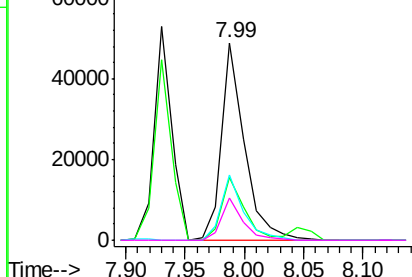
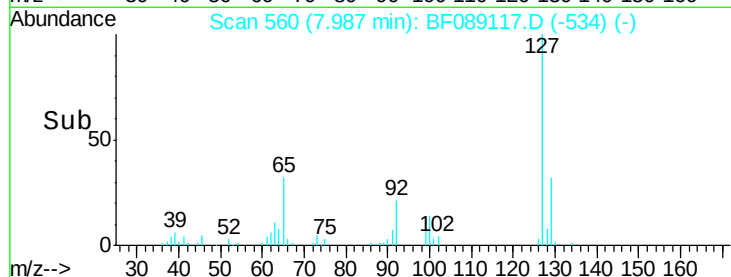
#33
 4-Chloroaniline
 Concen: 14.08 ng
 RT: 7.99 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB92230BSD

Tgt Ion:	127	Resp:	65688
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	33.1	24.7	37.1
92	21.1	15.4	23.0

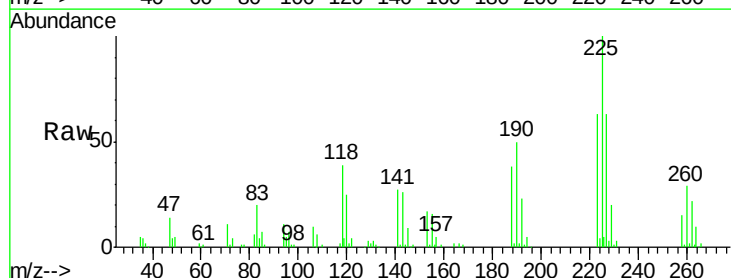


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

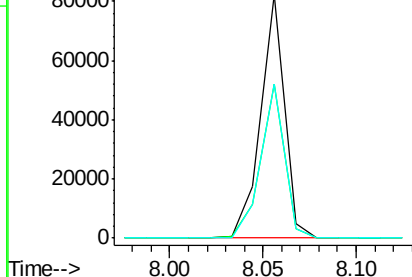
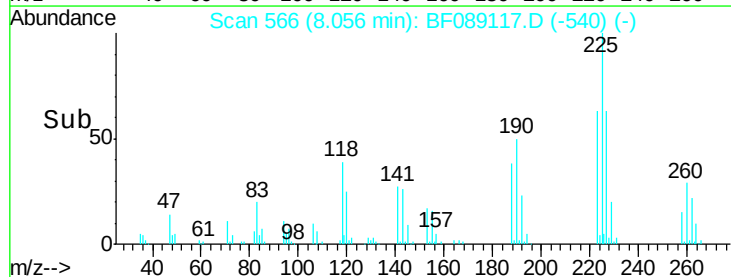


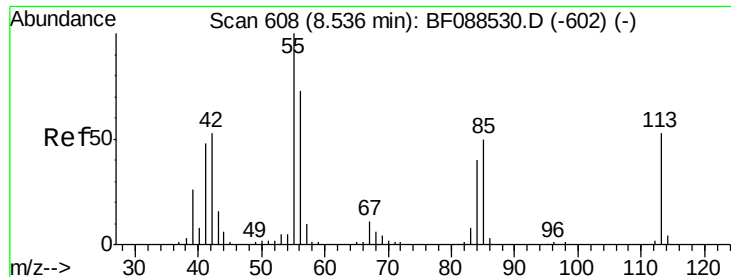
#34
 Hexachlorobutadiene
 Concen: 43.56 ng
 RT: 8.06 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Tgt Ion:	225	Resp:	72289
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.9	76.3
227	63.4	51.9	77.9



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

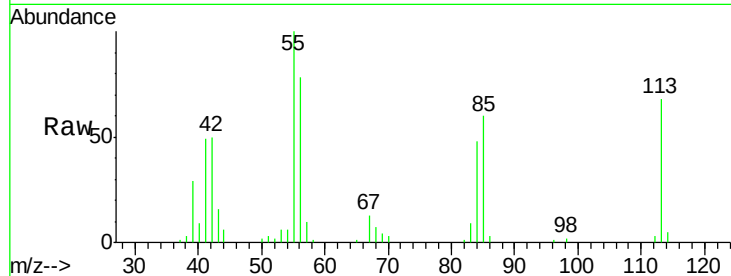




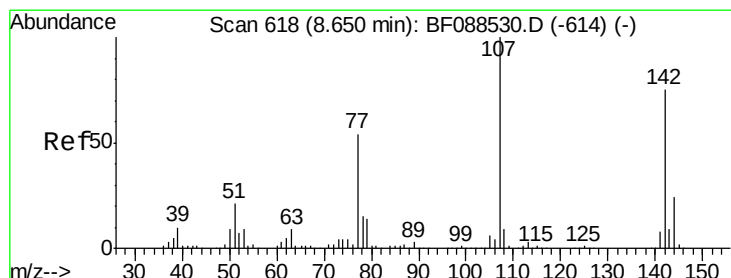
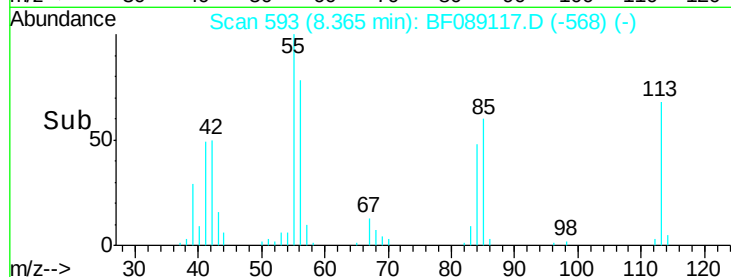
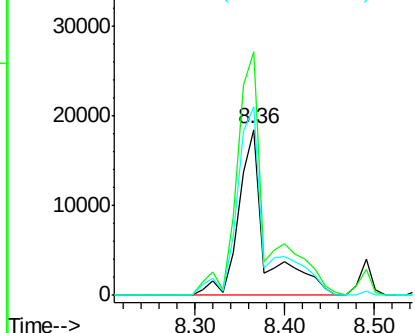
#35
 Caprolactam
 Concen: 40.78 ng m
 RT: 8.36 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB92230BSD

Tgt Ion:113 Resp: 39112
 Ion Ratio Lower Upper
 113 100
 55 147.1 158.6 198.6#
 56 114.2 110.6 150.6

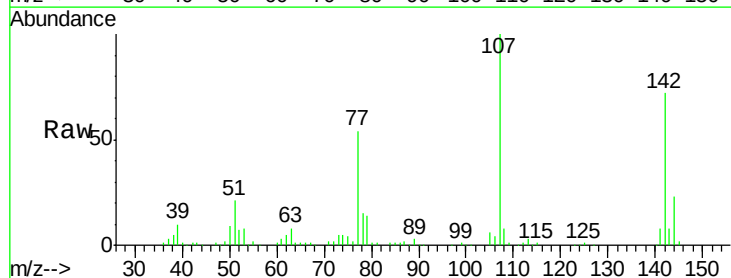


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

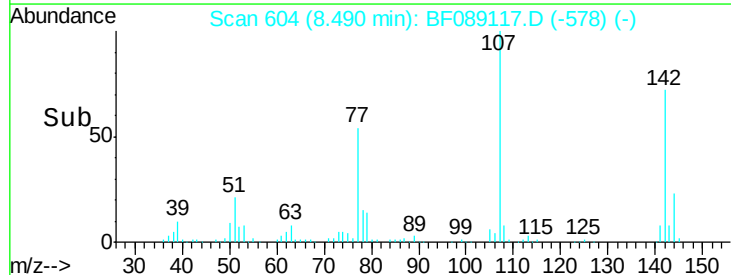
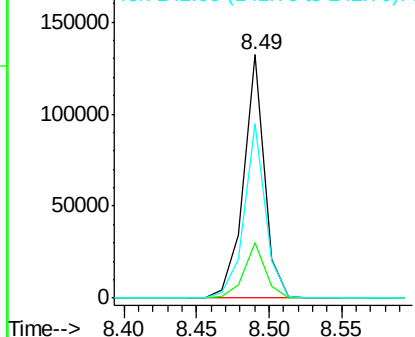


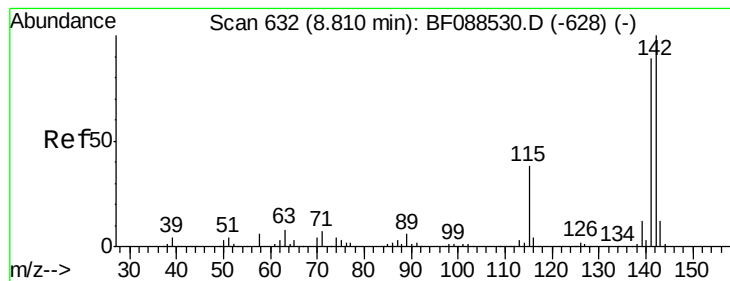
#36
 4-Chloro-3-methylphenol
 Concen: 39.91 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Tgt Ion:107 Resp: 133285
 Ion Ratio Lower Upper
 107 100
 144 22.9 20.8 31.2
 142 71.9 63.4 95.2



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: 45.57 ng

RT: 8.63 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92230BSD

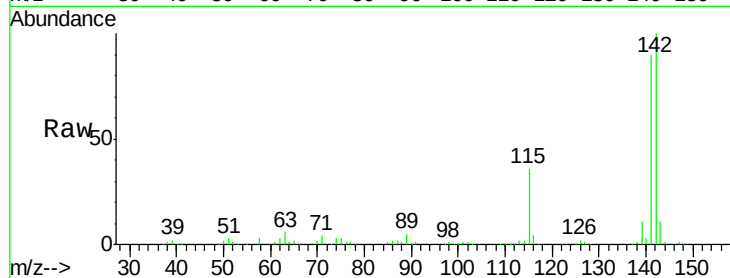
Tgt Ion:142 Resp: 307603

Ion Ratio Lower Upper

142 100

141 90.5 71.0 106.6

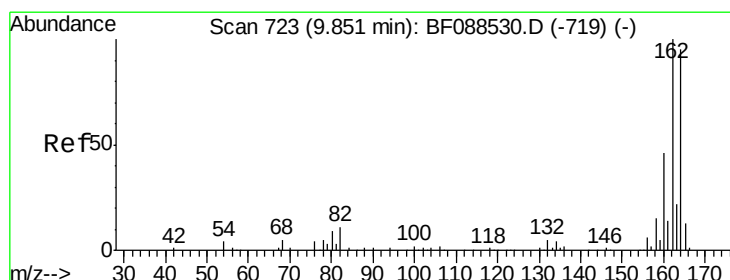
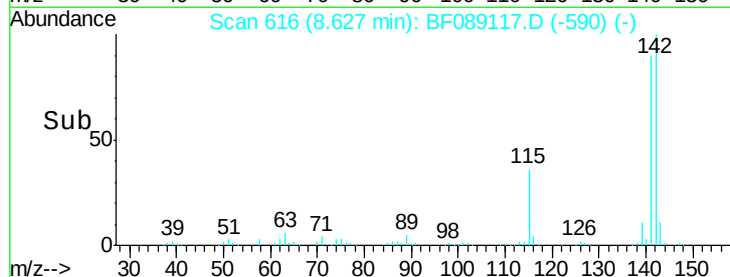
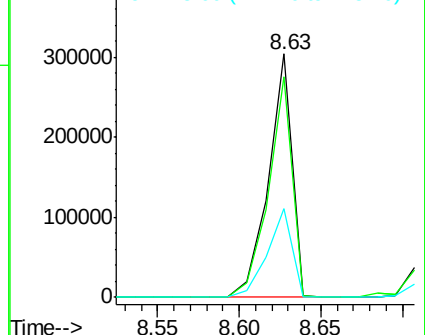
115 36.2 22.6 33.8#



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: 9.66 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

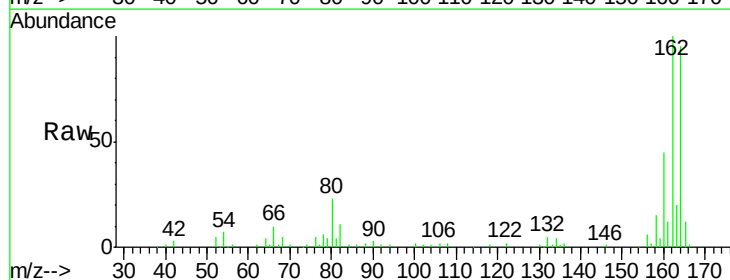
Tgt Ion:164 Resp: 93443

Ion Ratio Lower Upper

164 100

162 105.8 85.4 128.2

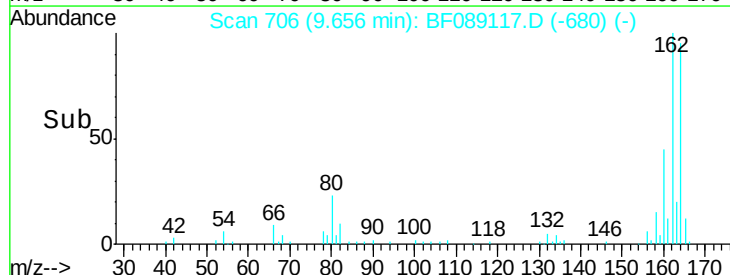
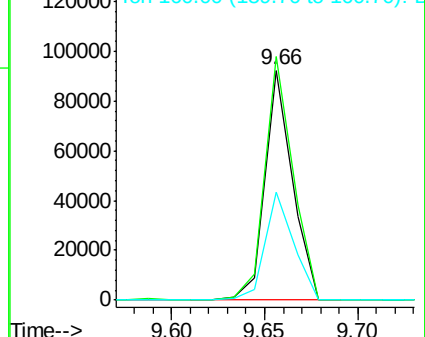
160 47.1 39.5 59.3

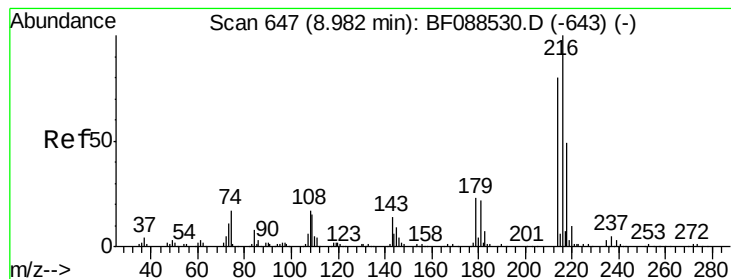


Abundance Ion 164.00 (163.70 to 164.70): E

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: 35.84 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92230BSD

Tgt Ion:216 Resp: 111401

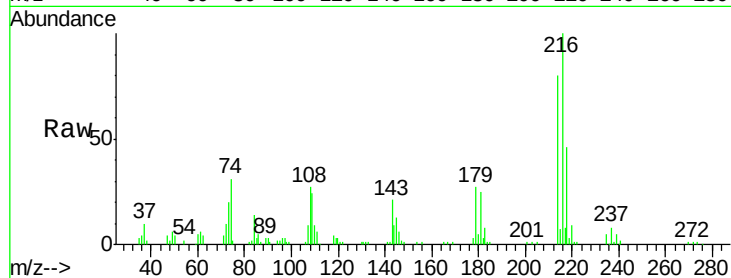
Ion Ratio Lower Upper

216 100

214 78.2 2.9 4.3#

179 22.8 0.0 0.0#

108 21.1 0.5 0.7#

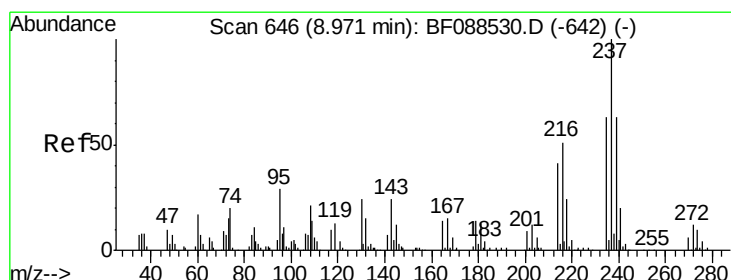
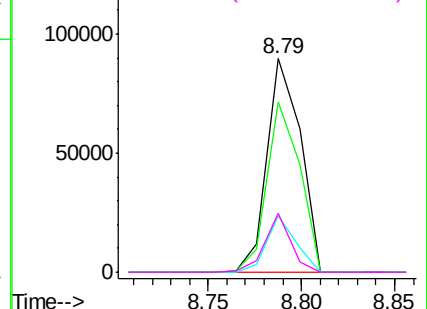
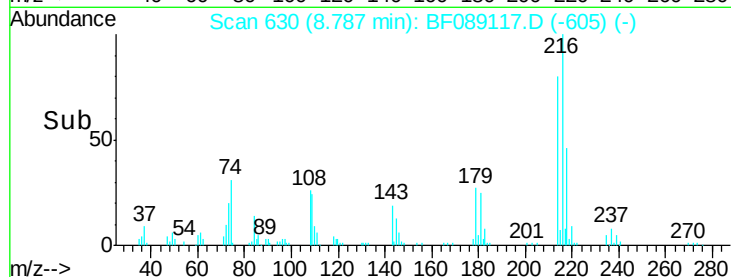


Abundance Ion 216.00 (215.70 to 216.70): E

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: 18.76 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

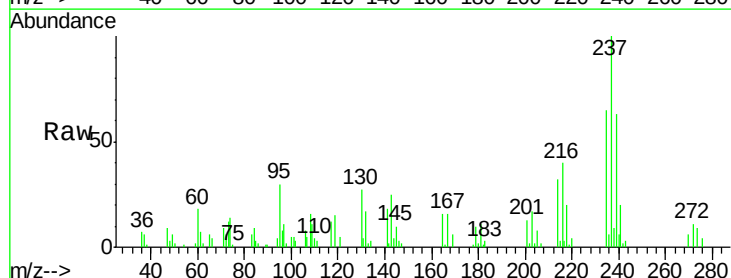
Tgt Ion:237 Resp: 28620

Ion Ratio Lower Upper

237 100

235 64.5 43.4 83.4

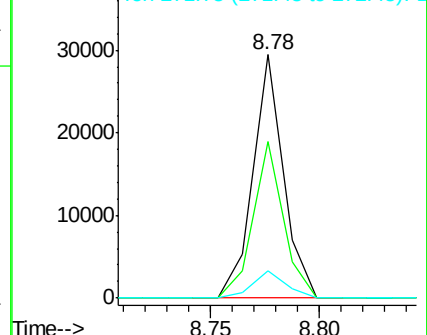
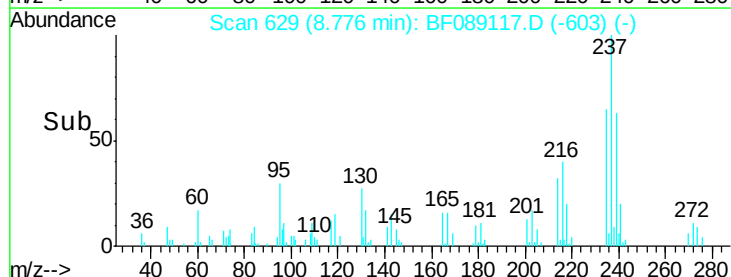
272 11.3 0.0 32.3

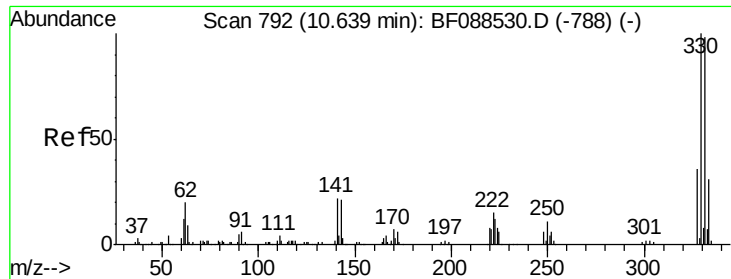


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

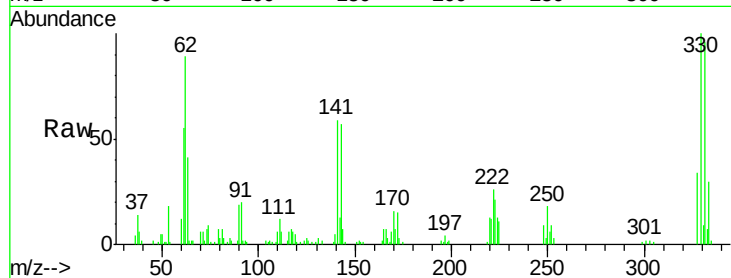




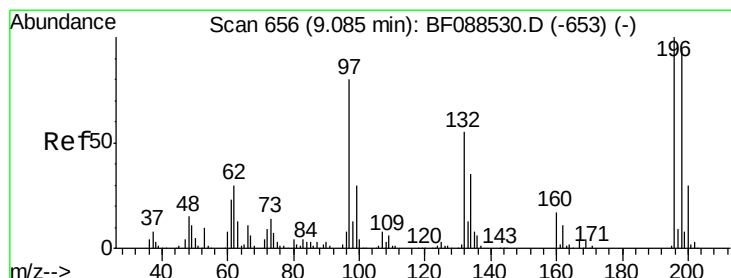
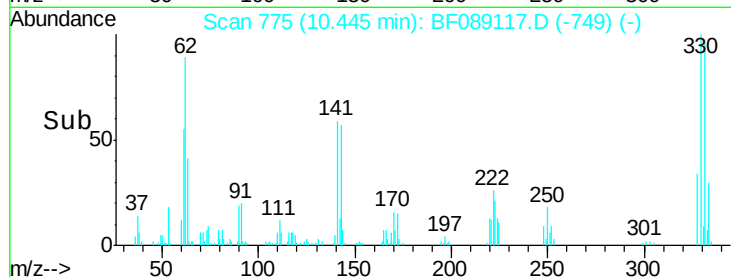
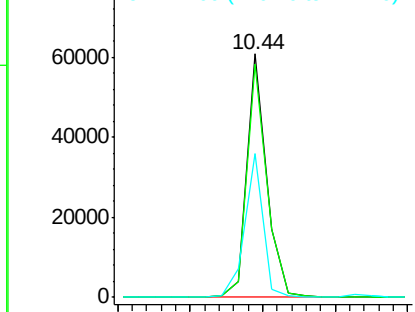
#41
 2,4,6-Tribromophenol
 Concen: 66.21 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB92230BSD

Tgt Ion:330 Resp: 57448
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 54.6 0.0 0.0#

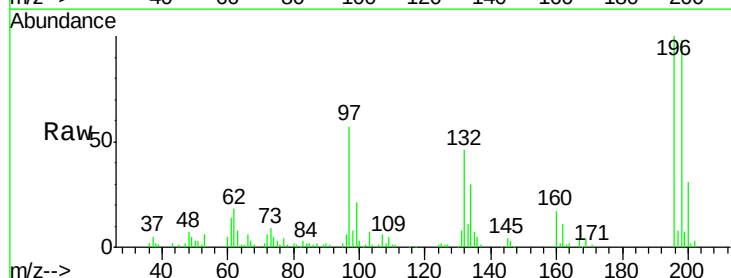


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

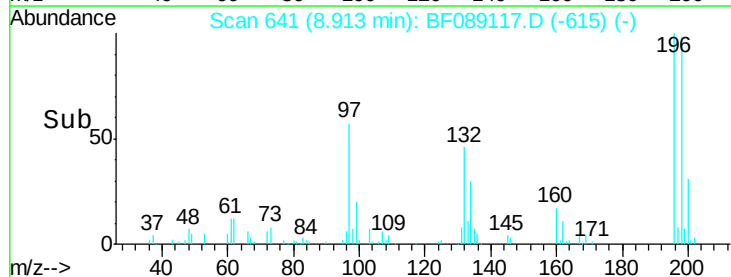
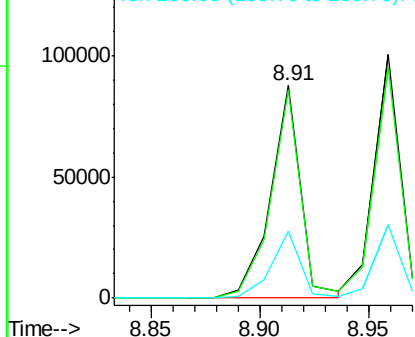


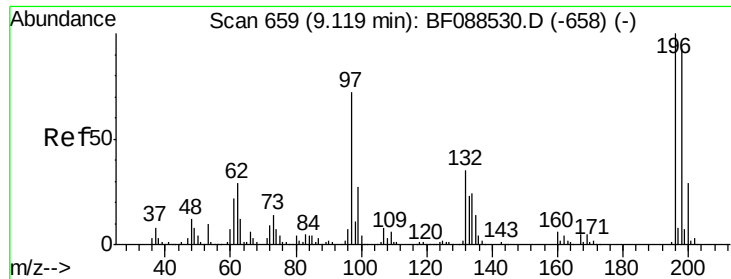
#42
 2,4,6-Trichlorophenol
 Concen: 41.56 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Tgt Ion:196 Resp: 85162
 Ion Ratio Lower Upper
 196 100
 198 97.8 78.0 117.0
 200 31.4 25.4 38.2



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

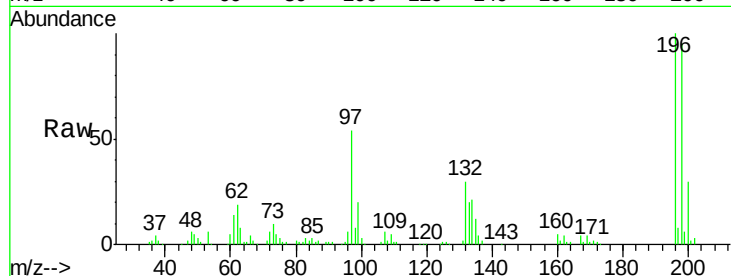




#43
 2,4,5-Trichlorophenol
 Concen: 48.45 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB92230BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	77.5	116.3
97	54.0	32.0	48.0
132	29.7	20.9	31.3



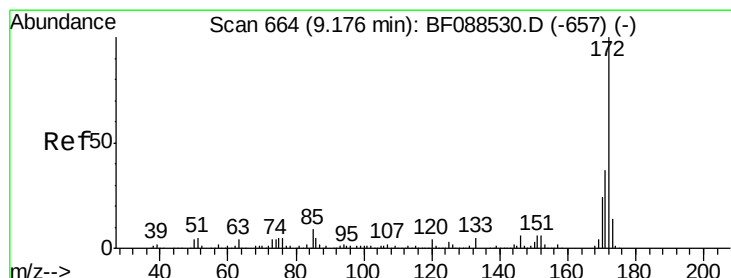
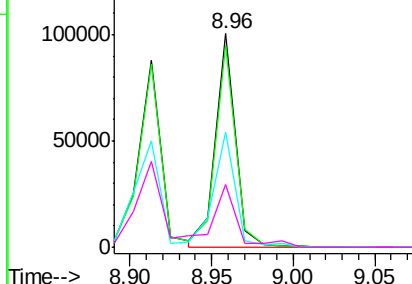
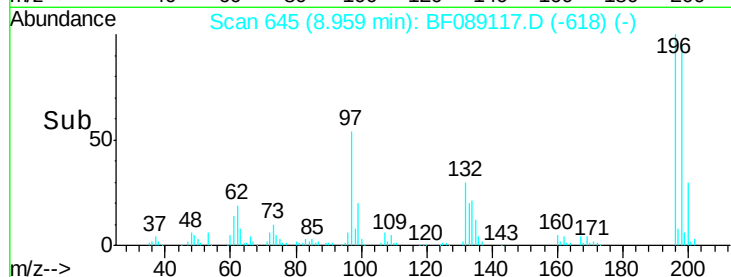
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

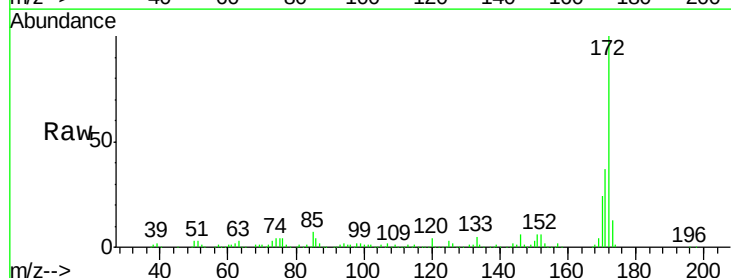
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 101.86 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.2	19.2	28.8

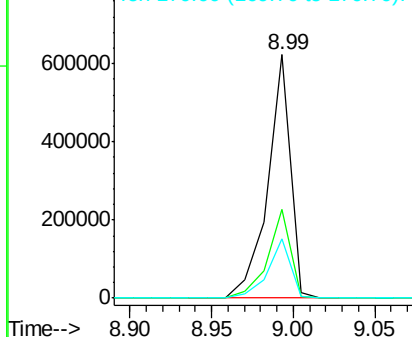
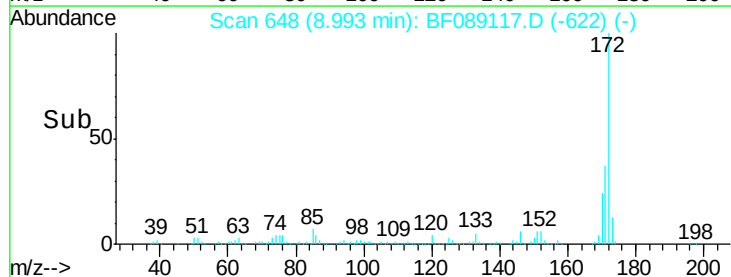


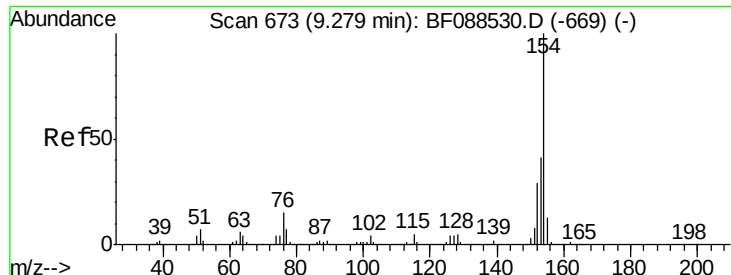
Abundance

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

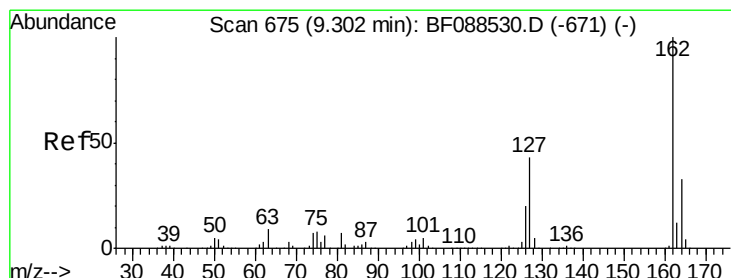
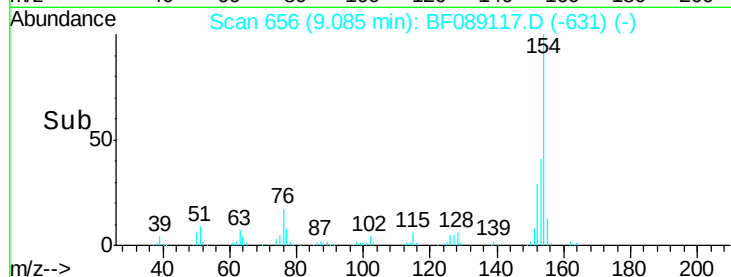
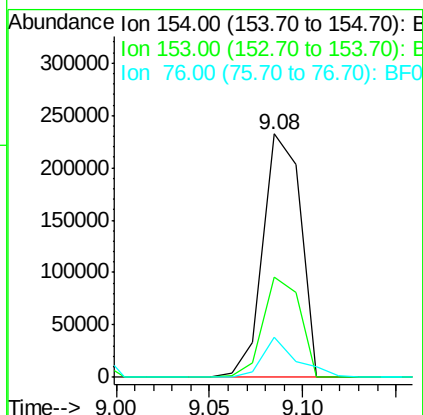
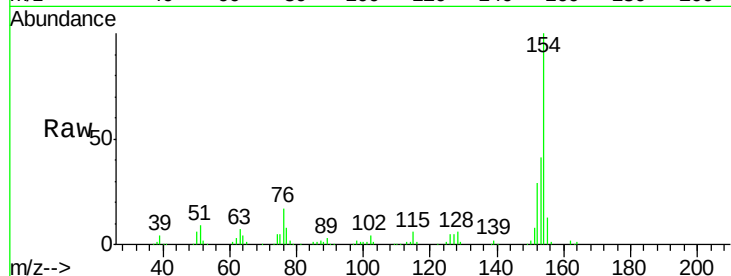




#45
 1,1'-Biphenyl
 Concen: 41.91 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

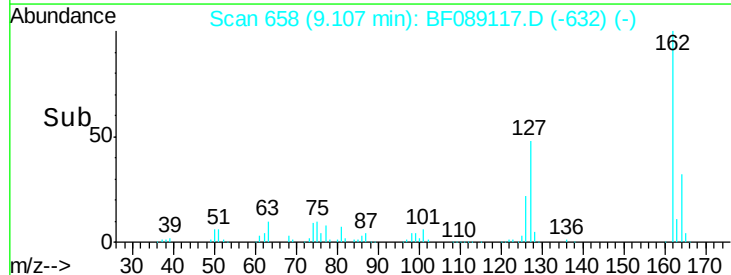
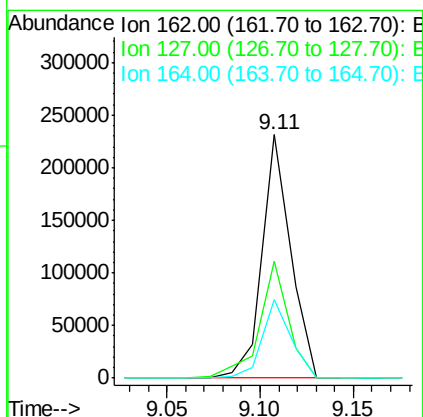
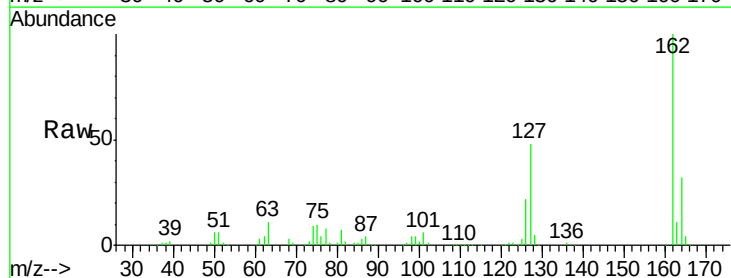
Instrument :
 BNA_F
 ClientSampleId :
 PB92230BSD

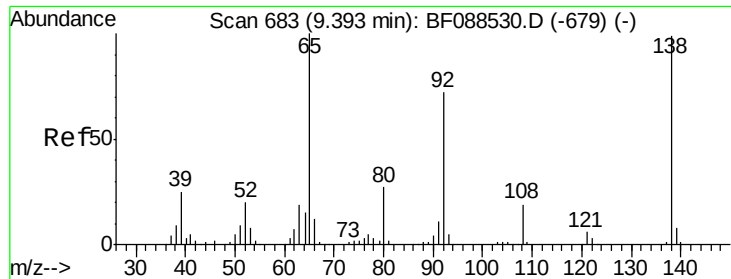
Tgt Ion:154 Resp: 324321
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.6 60.6
 76 16.6 0.0 35.1



#46
 2-Chloronaphthalene
 Concen: 40.19 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Tgt Ion:162 Resp: 244115
 Ion Ratio Lower Upper
 162 100
 127 47.8 35.2 52.8
 164 32.1 26.6 39.8

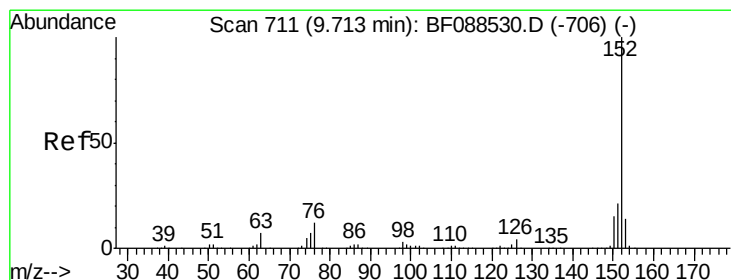
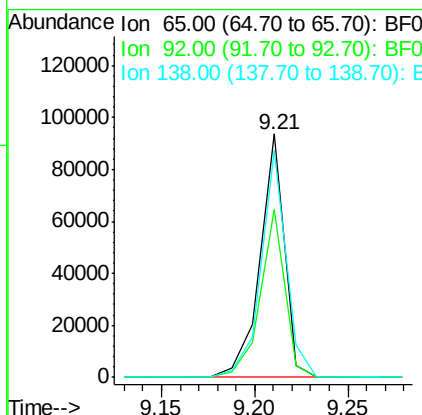
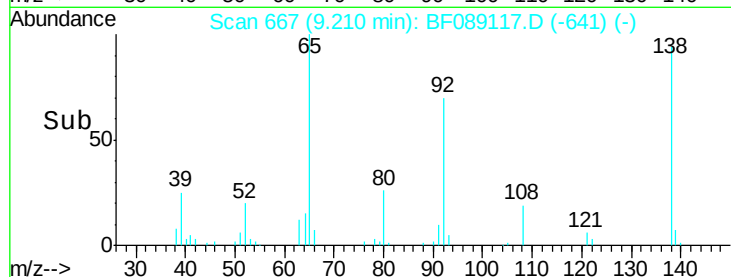
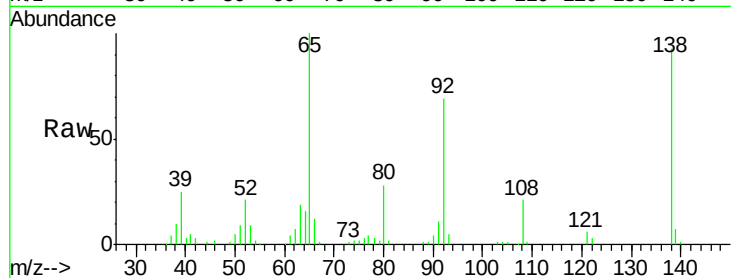




#47
 2-Nitroaniline
 Concen: 38.93 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

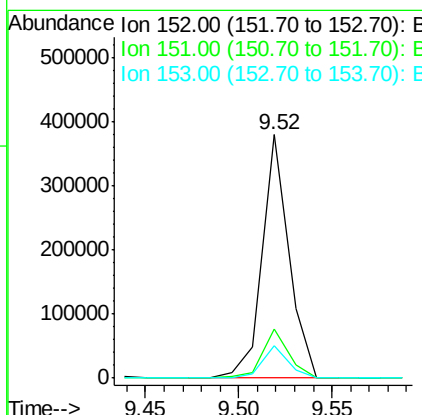
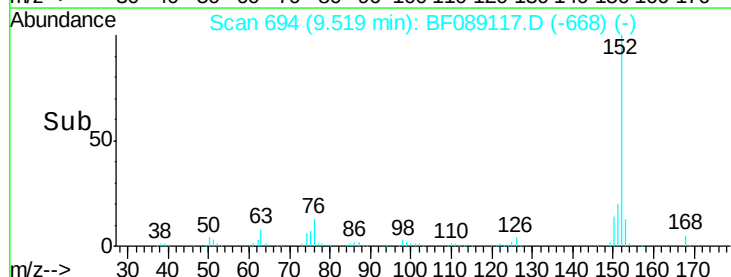
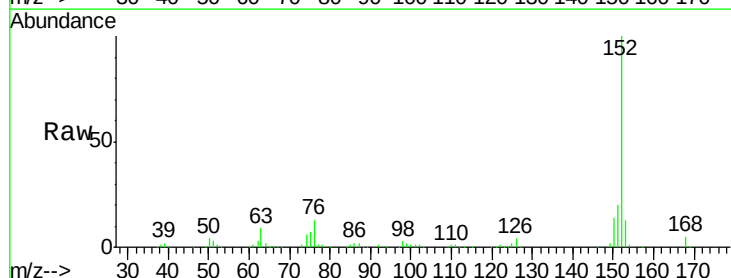
Instrument :
 BNA_F
 ClientSampleId :
 PB92230BSD

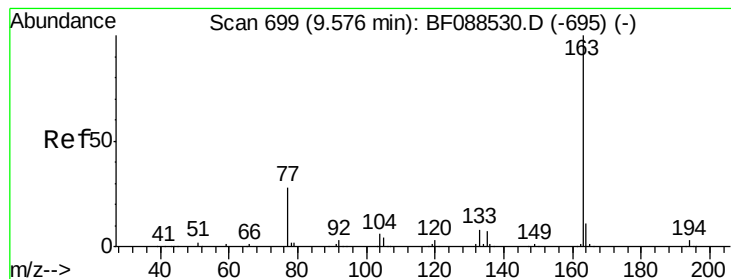
Tgt Ion:	65	Resp:	83929
Ion	Ratio	Lower	Upper
65	100		
92	69.0	54.6	82.0
138	93.3	77.0	115.4



#48
 Acenaphthylene
 Concen: 38.67 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Tgt Ion:	152	Resp:	373766
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.3	11.0	16.6





#49

Dimethylphthalate

Concen: 46.49 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92230BSD

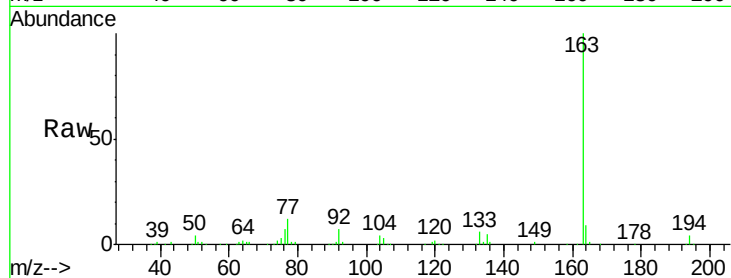
Tgt Ion:163 Resp: 309464

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

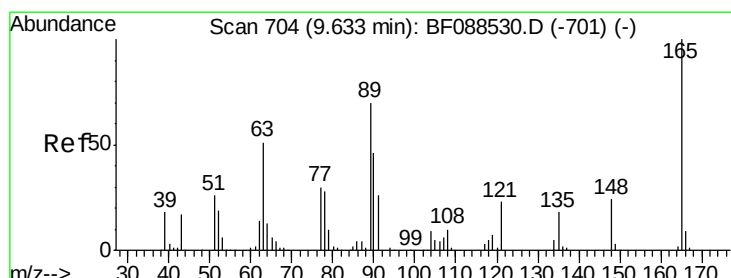
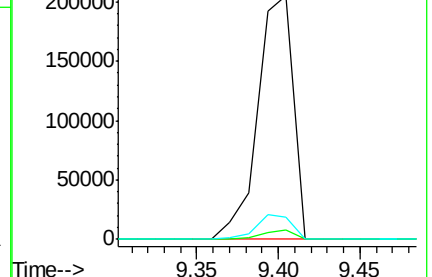
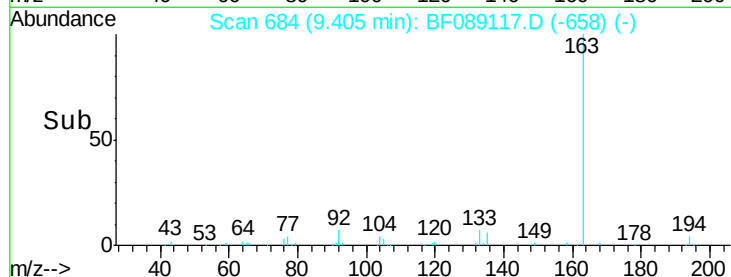
164 9.2 8.3 12.5



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: 48.65 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

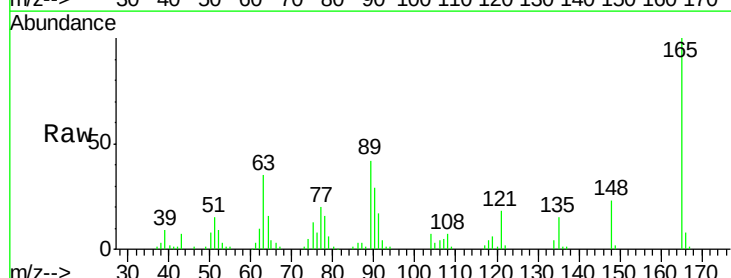
Tgt Ion:165 Resp: 71785

Ion Ratio Lower Upper

165 100

63 35.0 28.1 42.1

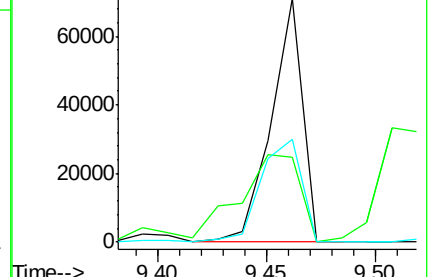
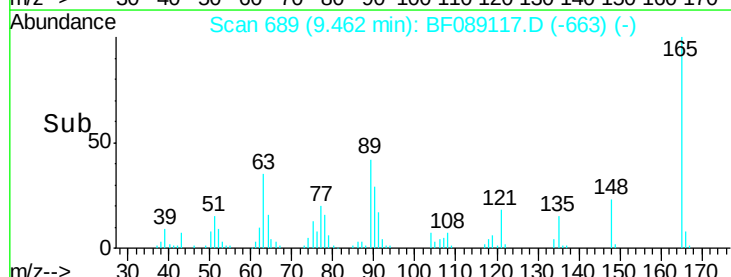
89 42.3 32.2 48.2

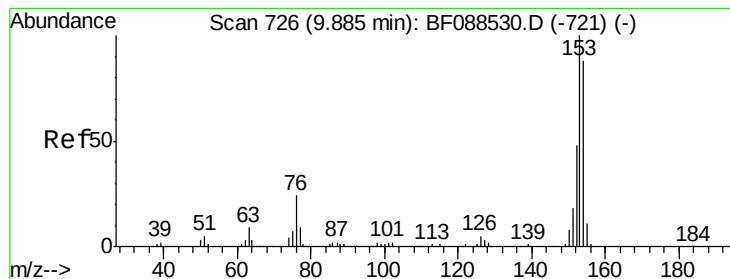


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.77 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92230BSD

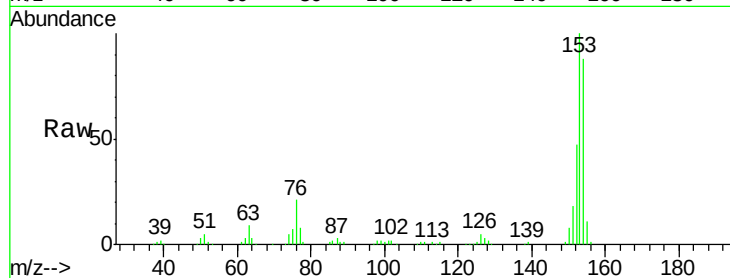
Tgt Ion:154 Resp: 223789

Ion Ratio Lower Upper

154 100

153 114.2 89.5 134.3

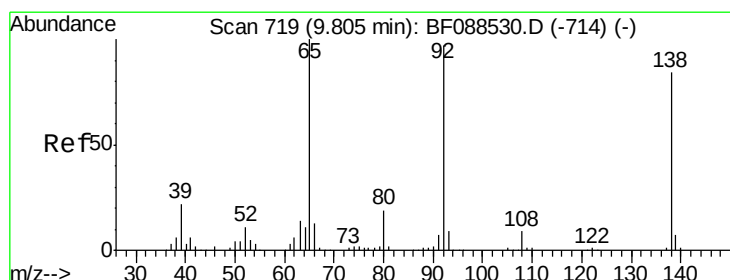
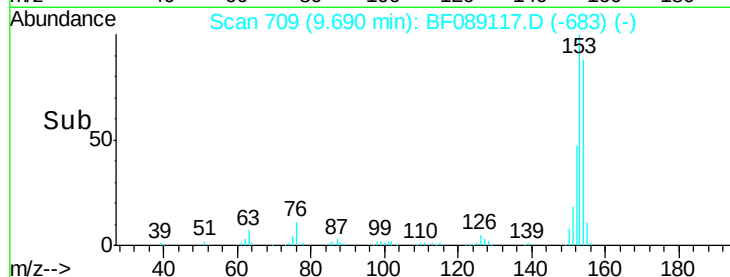
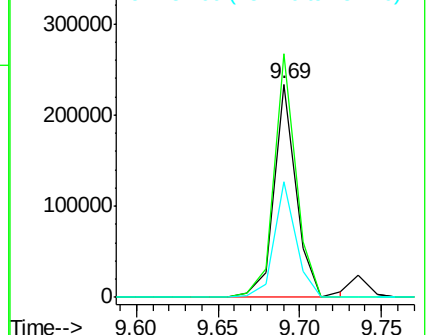
152 54.0 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.71 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

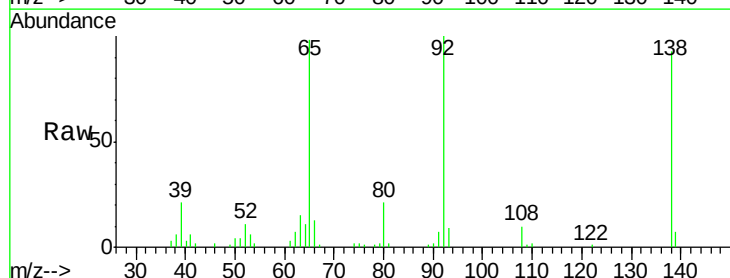
Tgt Ion:138 Resp: 42586

Ion Ratio Lower Upper

138 100

108 10.9 8.5 12.7

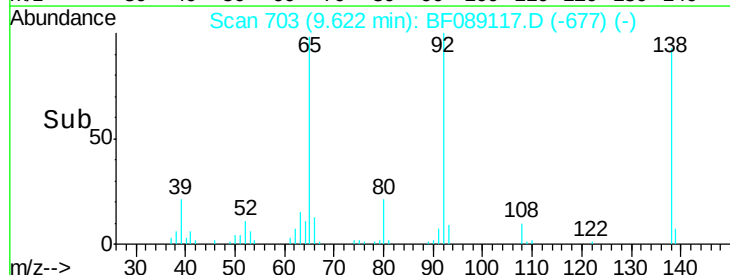
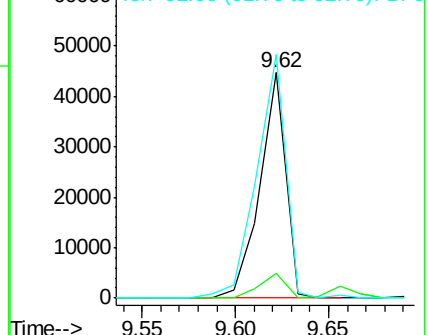
92 108.0 95.7 143.5

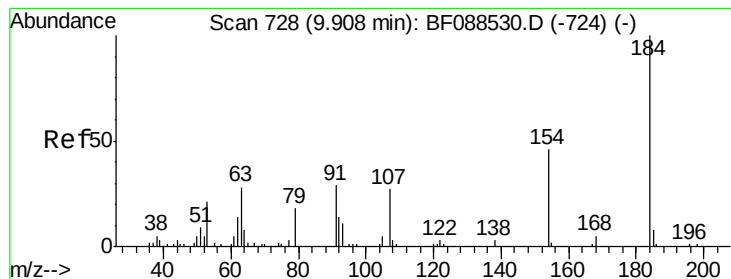


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 50.62 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92230BSD

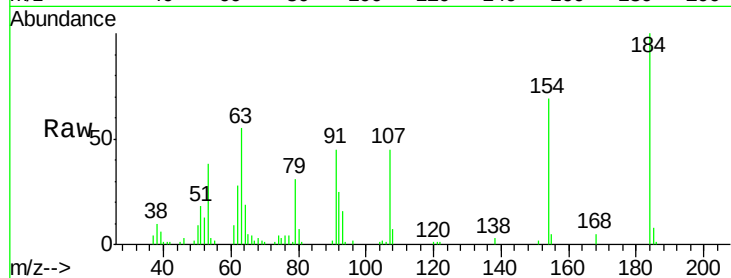
Tgt Ion:184 Resp: 32975

Ion Ratio Lower Upper

184 100

63 55.1 57.6 86.4#

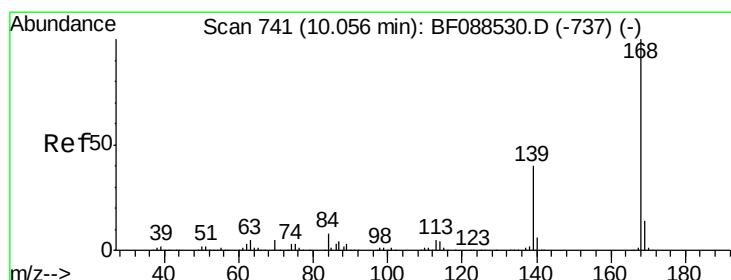
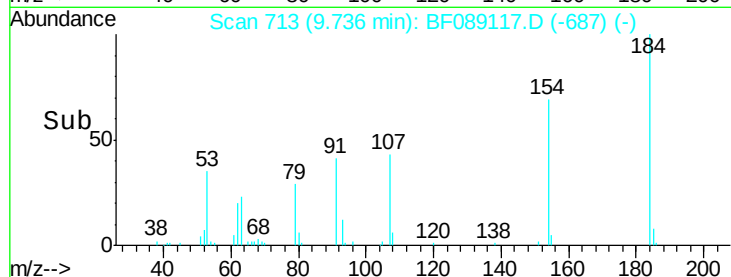
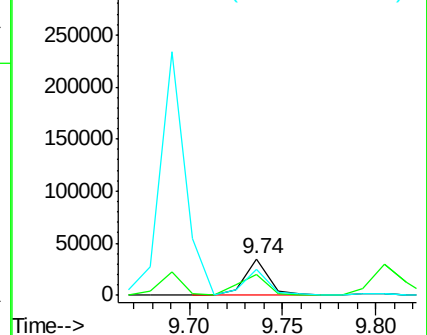
154 69.2 53.5 80.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 42.24 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

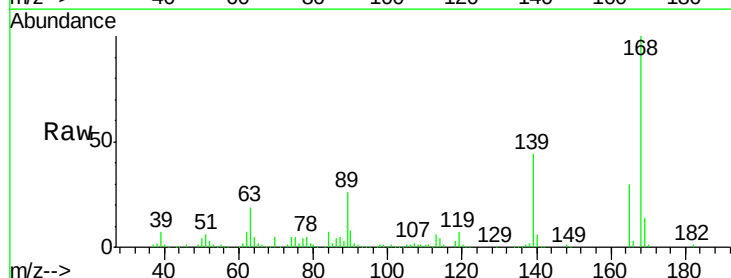
Tgt Ion:168 Resp: 327578

Ion Ratio Lower Upper

168 100

139 44.1 26.4 39.6#

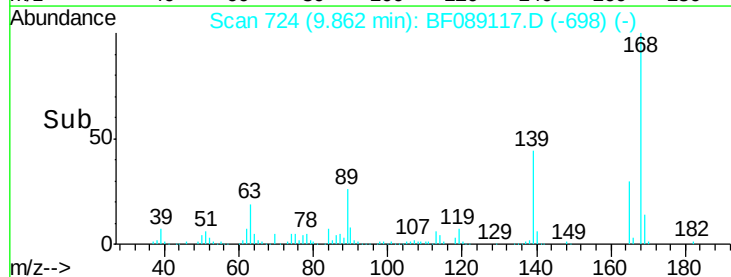
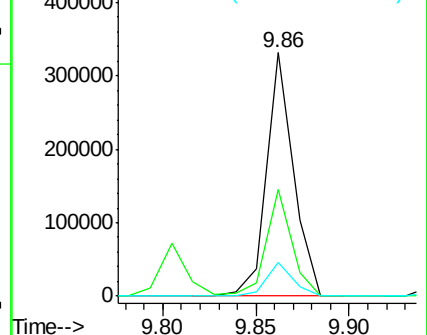
169 13.7 10.4 15.6

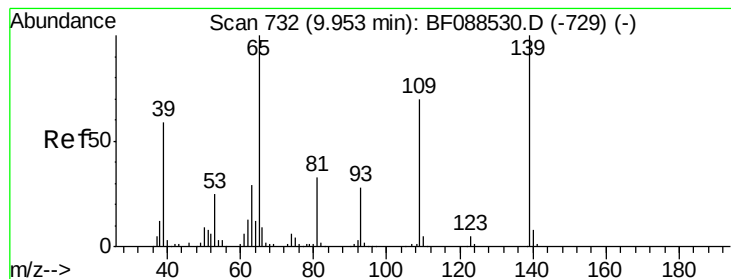


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 51.07 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92230BSD

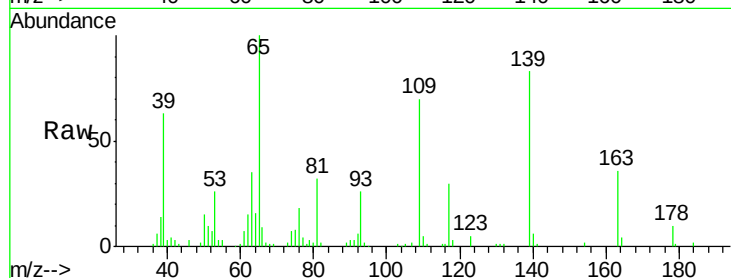
Tgt Ion:139 Resp: 72794

Ion Ratio Lower Upper

139 100

109 84.4 48.9 88.9

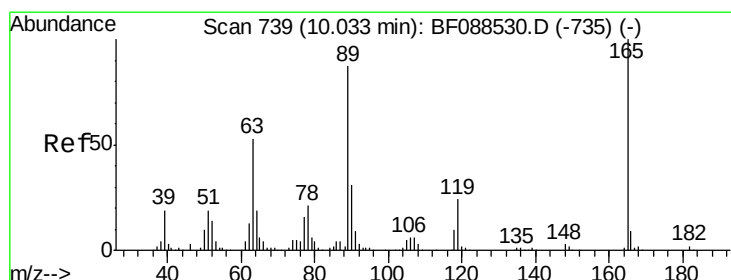
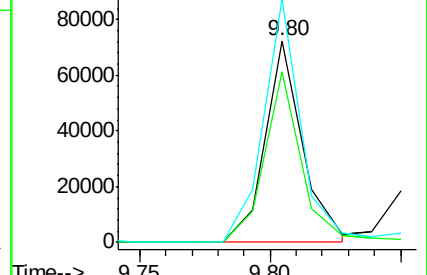
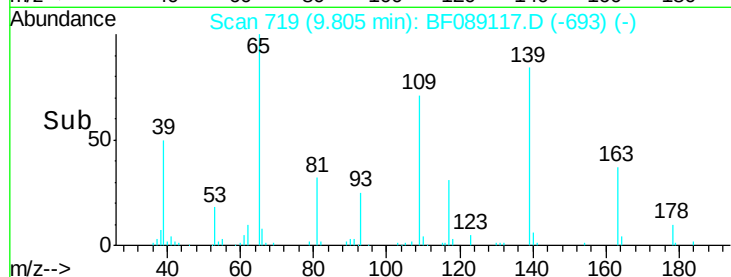
65 120.8 84.9 124.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.87 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Tgt Ion:165 Resp: 90420

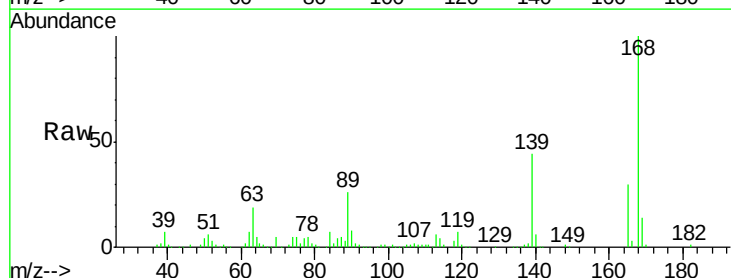
Ion Ratio Lower Upper

165 100

63 61.7 22.0 33.0#

89 84.5 41.1 61.7#

182 2.3 2.0 3.0

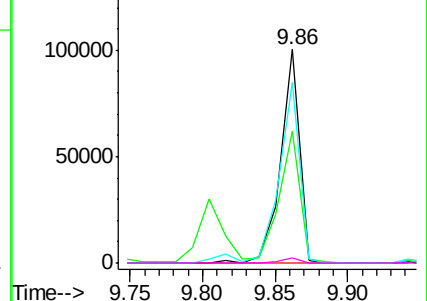
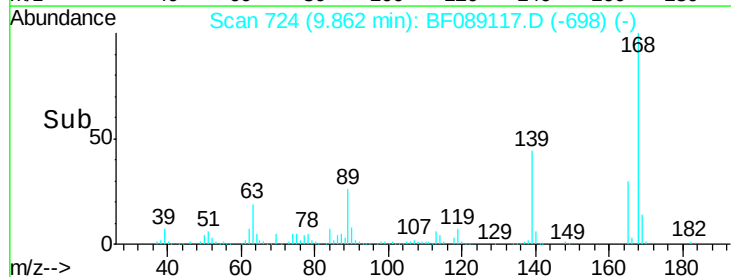


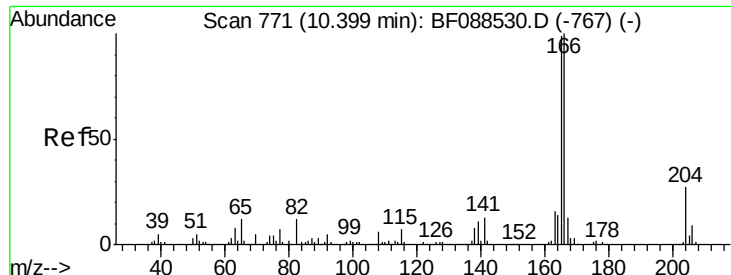
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.44 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92230BSD

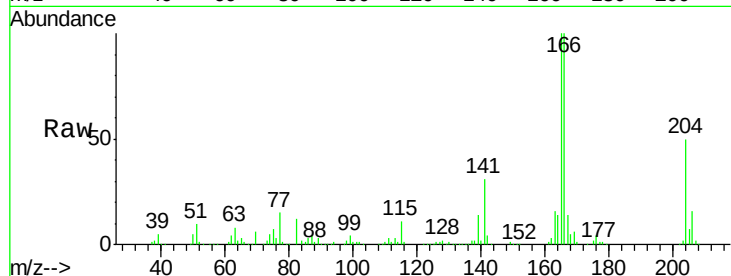
Tgt Ion:166 Resp: 265594

Ion Ratio Lower Upper

166 100

165 99.5 77.8 116.8

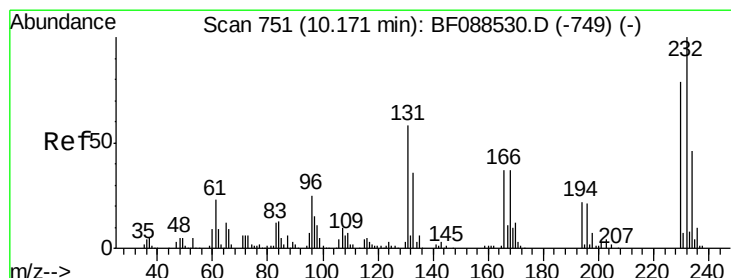
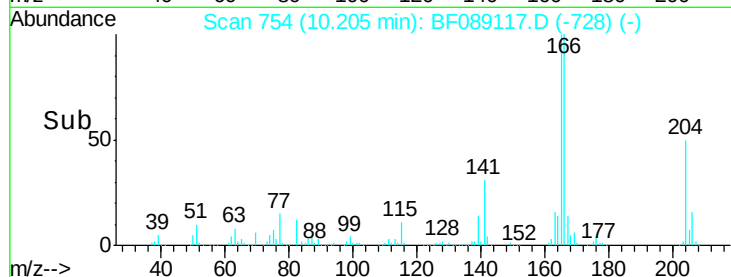
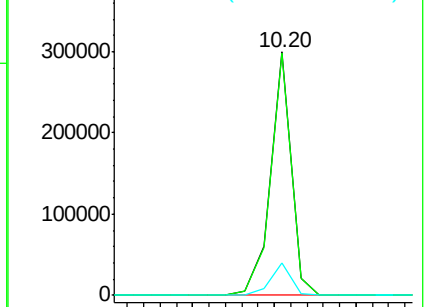
167 13.5 11.2 16.8



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: 42.28 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Tgt Ion:232 Resp: 57676

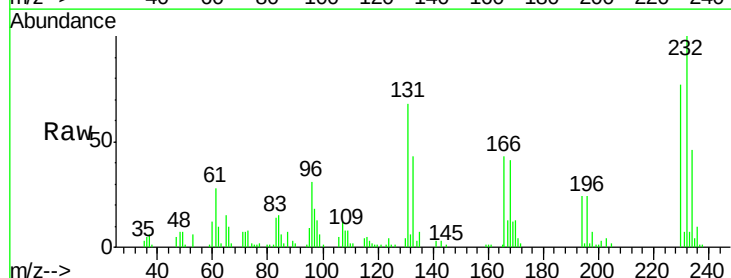
Ion Ratio Lower Upper

232 100

131 59.4 0.9 1.3#

130 2.6 1.5 2.3#

166 37.6 0.5 0.7#

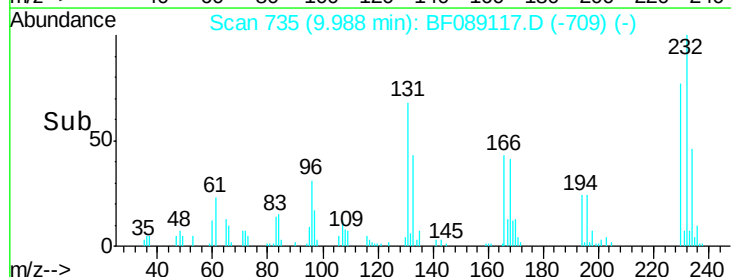
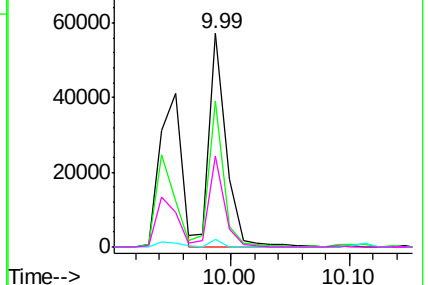


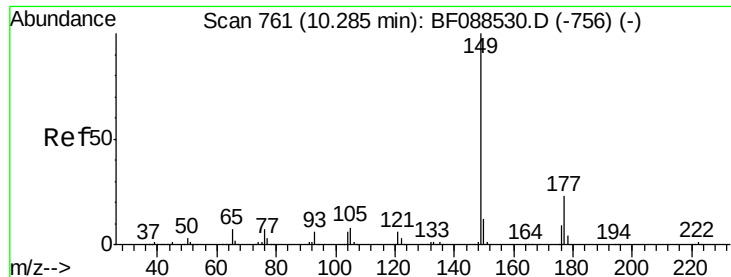
Abundance Ion 232.00 (231.70 to 232.70): E

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

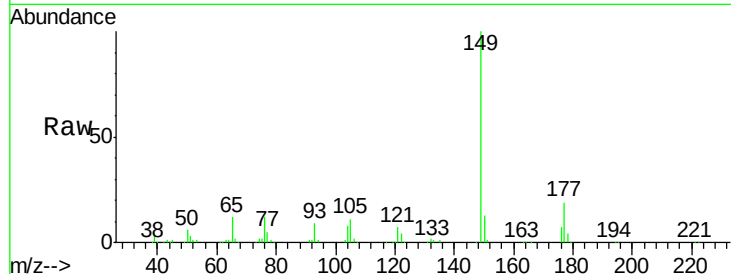




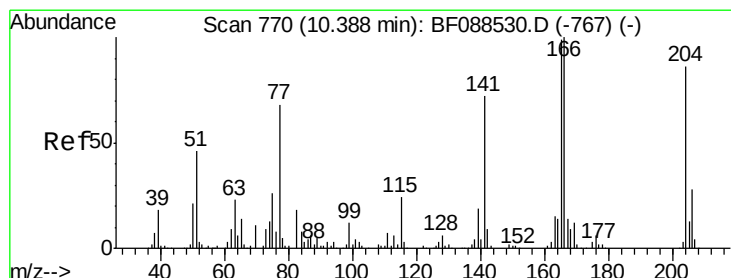
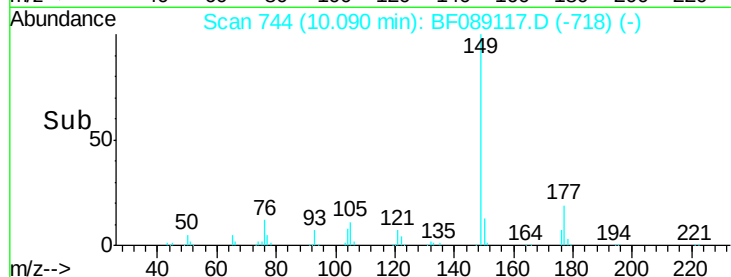
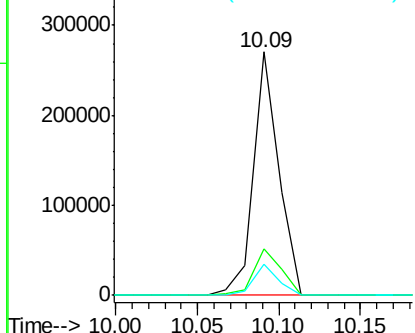
#59
Diethylphthalate
Concen: 43.61 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF089117.D
Acq: 19 Jul 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB92230BSD

Tgt Ion:149 Resp: 291334
Ion Ratio Lower Upper
149 100
177 19.3 16.9 25.3
150 12.7 10.1 15.1

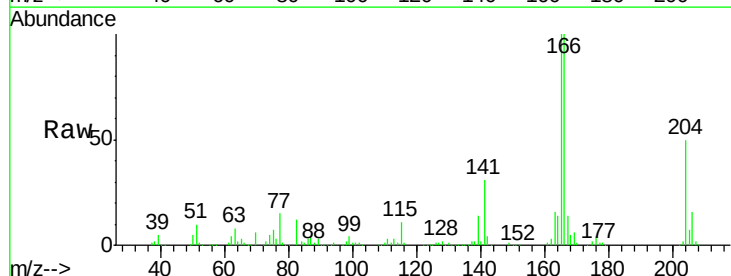


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

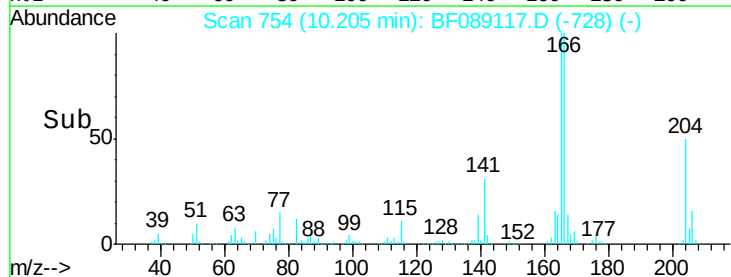
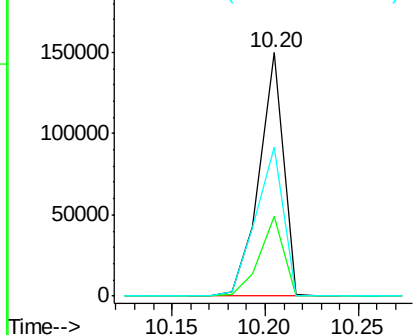


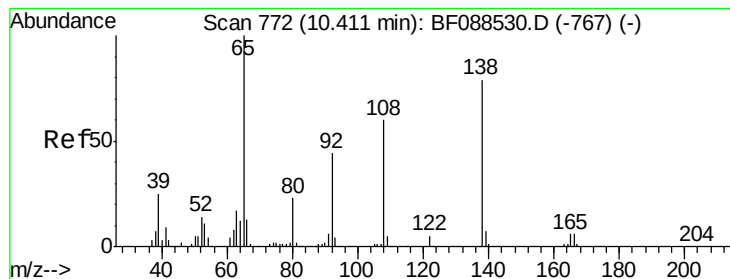
#60
4-Chlorophenyl-phenylether
Concen: 48.50 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF089117.D
Acq: 19 Jul 2016 14:43

Tgt Ion:204 Resp: 134654
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 61.1 55.0 82.6



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: 27.71 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92230BSD

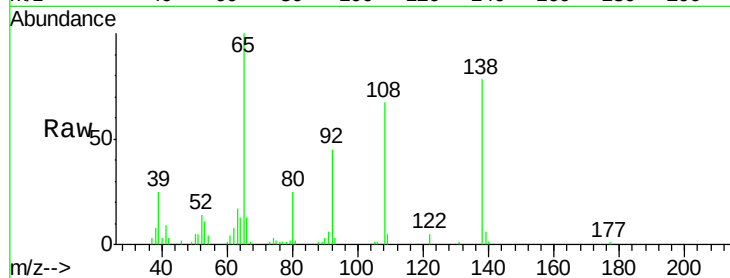
Tgt Ion:138 Resp: 50019

Ion Ratio Lower Upper

138 100

92 58.4 27.3 67.3

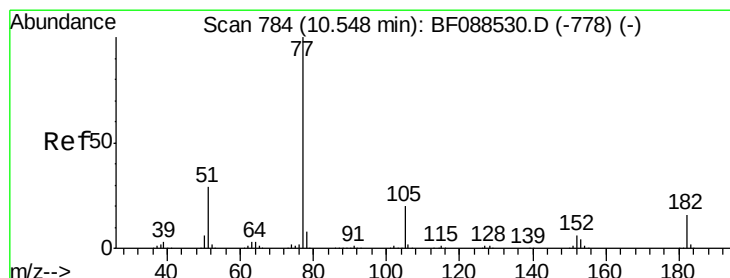
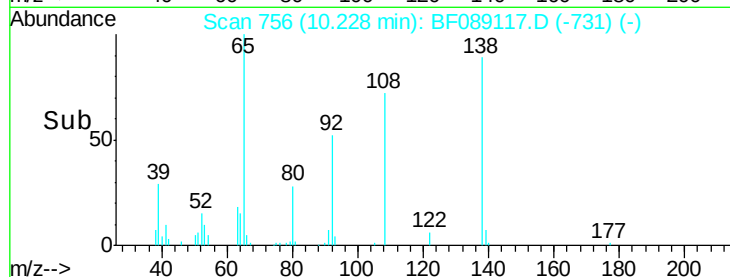
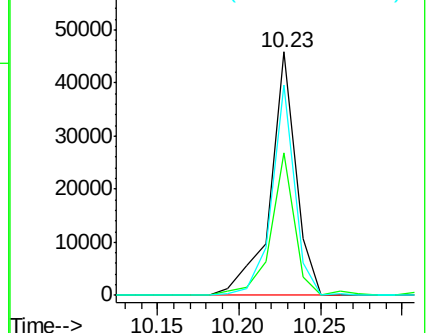
108 86.6 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.24 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Tgt Ion: 77 Resp: 337150

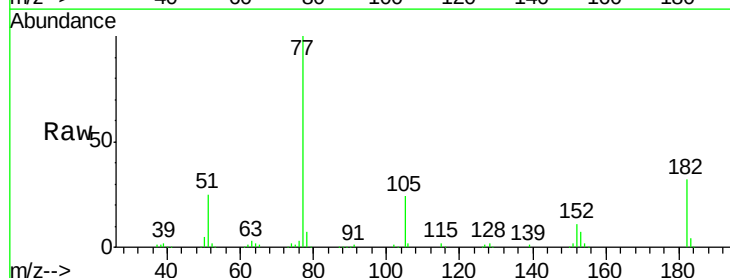
Ion Ratio Lower Upper

77 100

182 32.0 4.4 44.4

105 24.4 3.8 43.8

51 24.5 9.3 49.3

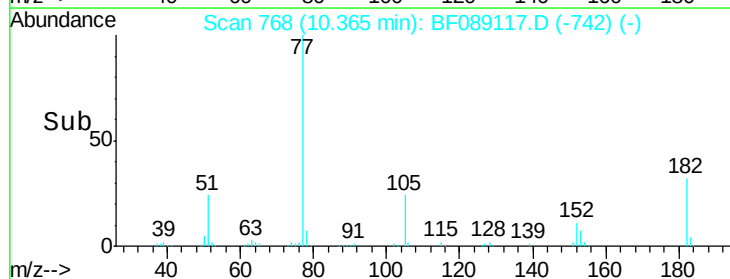
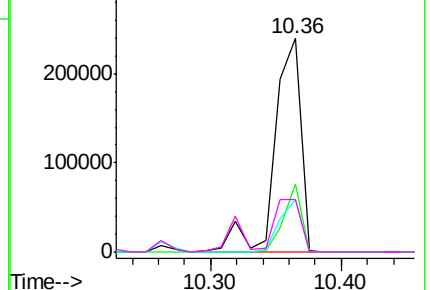


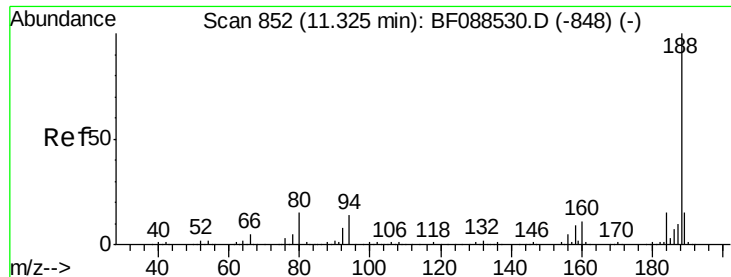
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

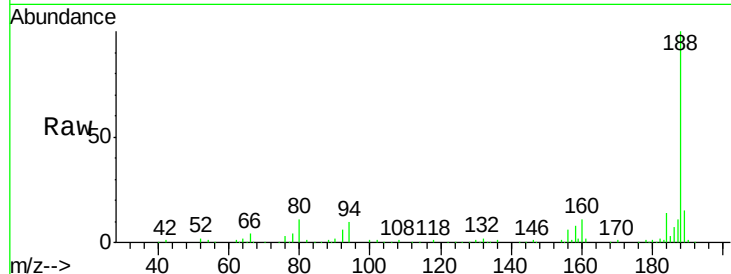




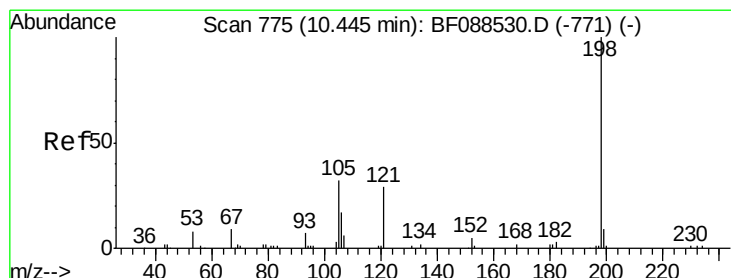
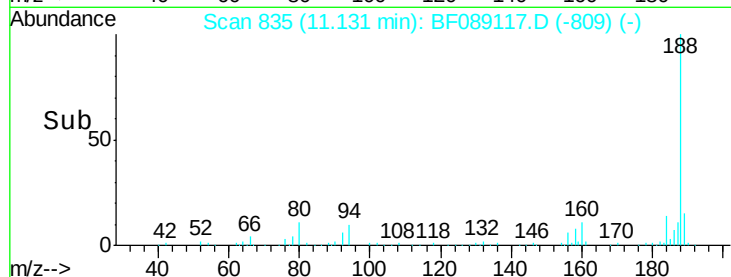
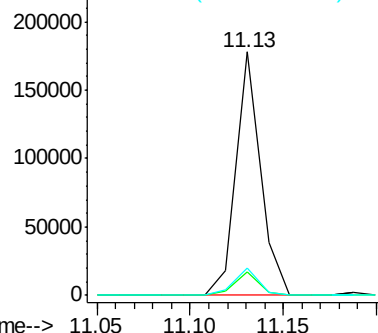
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF089117.D
Acq: 19 Jul 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB92230BSD

Tgt Ion:188 Resp: 161456
Ion Ratio Lower Upper
188 100
94 9.8 9.0 13.6
80 11.4 10.0 15.0

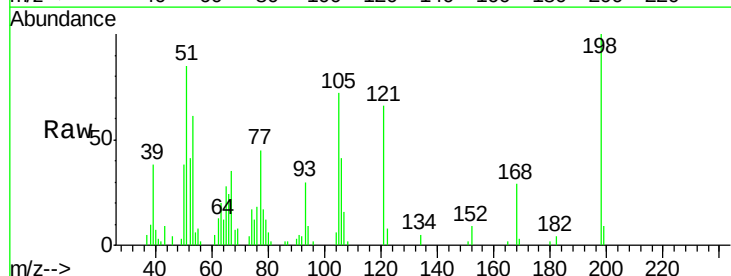


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

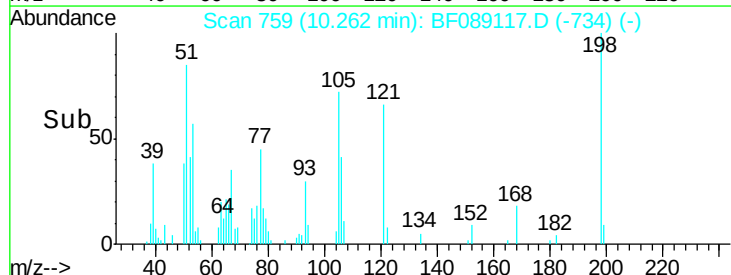
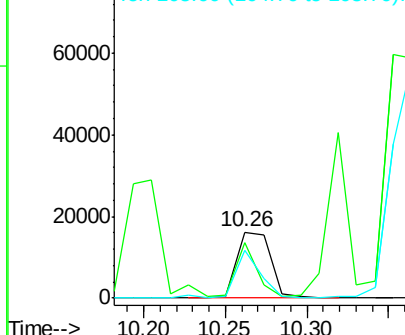


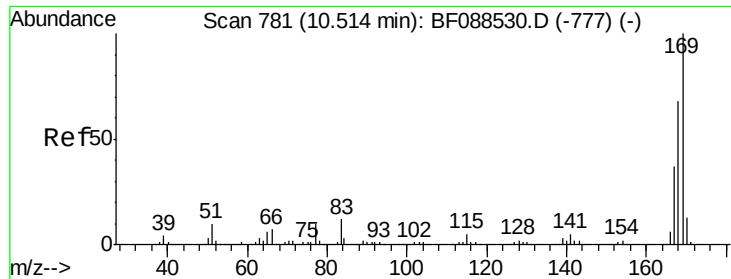
#64
4,6-Dinitro-2-methylphenol
Concen: 26.66 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF089117.D
Acq: 19 Jul 2016 14:43

Tgt Ion:198 Resp: 23026
Ion Ratio Lower Upper
198 100
51 84.7 39.6 79.6#
105 72.1 36.6 76.6



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

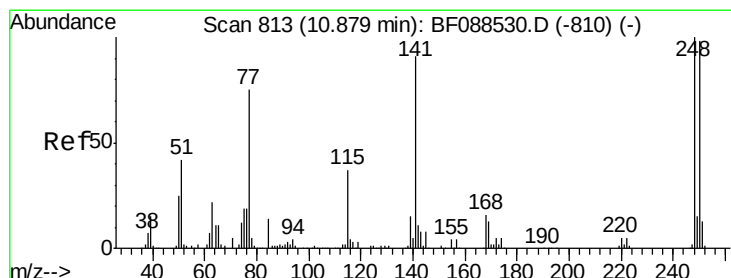
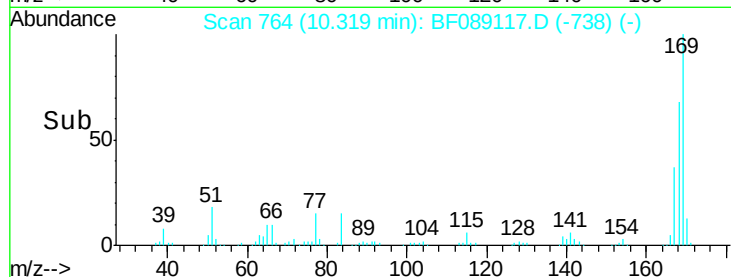
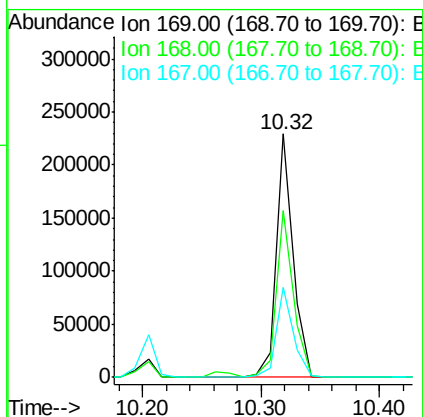
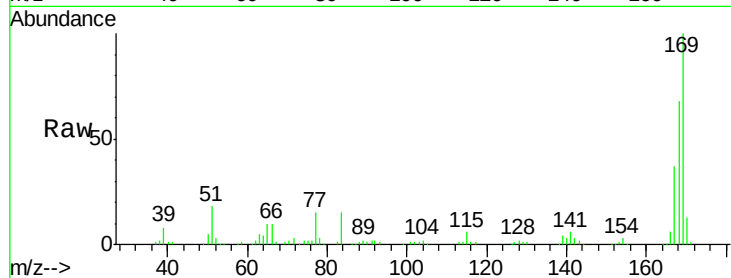




#65
 n-Nitrosodiphenylamine
 Concen: 40.94 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

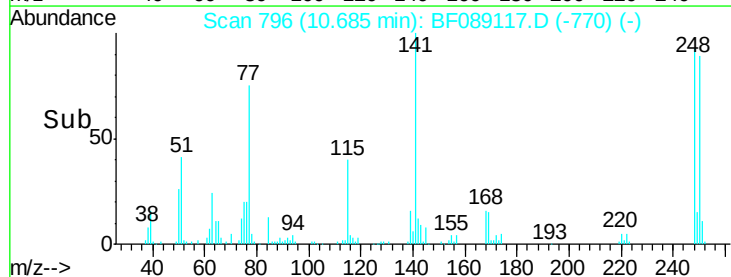
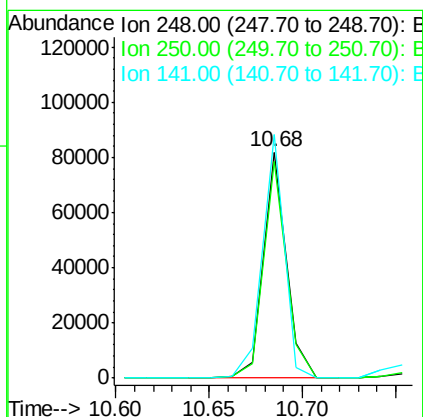
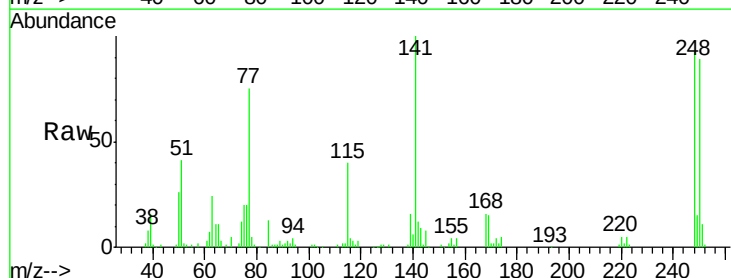
Instrument :
 BNA_F
 ClientSampleId :
 PB92230BSD

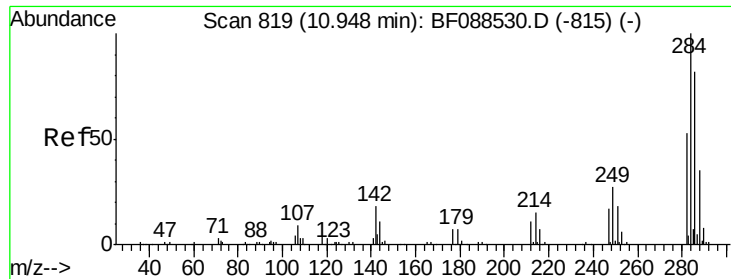
Tgt Ion:169 Resp: 223731
 Ion Ratio Lower Upper
 169 100
 168 68.4 53.4 80.0
 167 37.2 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 42.30 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Tgt Ion:248 Resp: 68824
 Ion Ratio Lower Upper
 248 100
 250 96.2 77.1 115.7
 141 107.8 50.6 76.0#

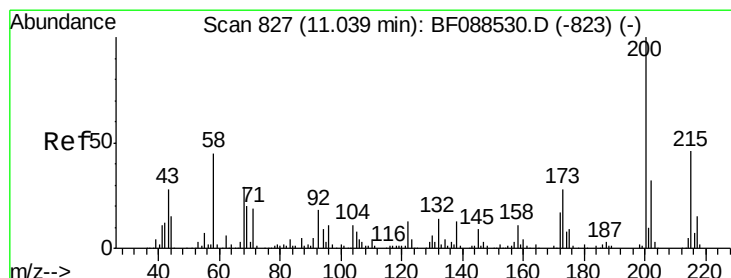
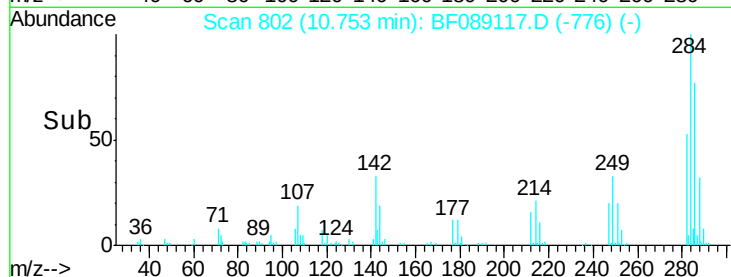
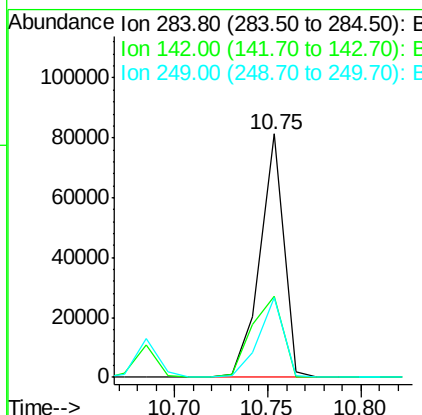
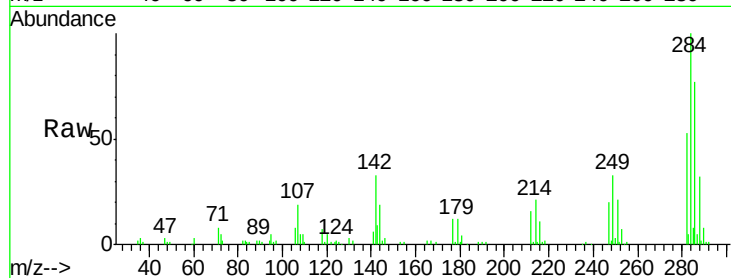




#67
Hexachlorobenzene
Concen: 39.87 ng
RT: 10.75 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF089117.D
Acq: 19 Jul 2016 14:43

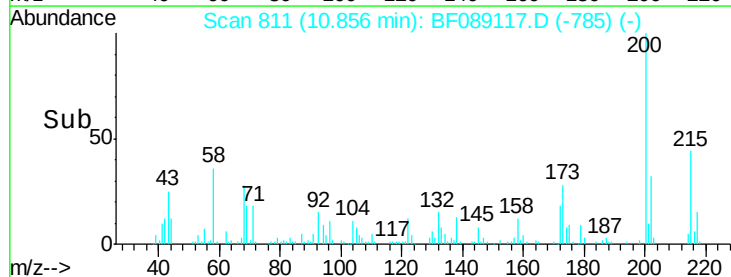
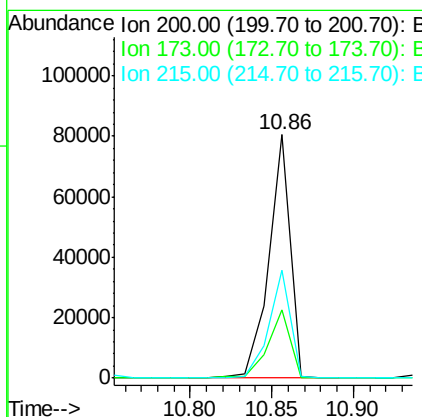
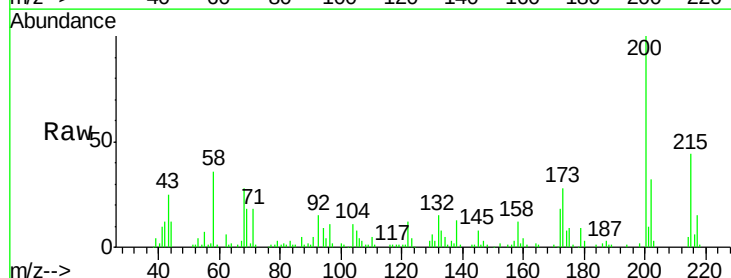
Instrument :
BNA_F
ClientSampleId :
PB92230BSD

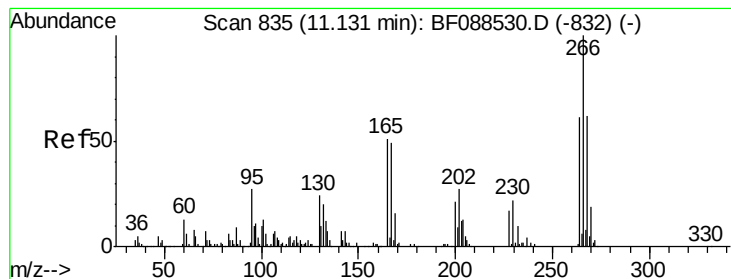
Tgt Ion:284 Resp: 71815
Ion Ratio Lower Upper
284 100
142 33.1 35.8 53.8#
249 33.0 25.8 38.6



#68
Atrazine
Concen: 43.18 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF089117.D
Acq: 19 Jul 2016 14:43

Tgt Ion:200 Resp: 73530
Ion Ratio Lower Upper
200 100
173 28.2 4.0 44.0
215 44.5 29.3 69.3





#69

Pentachlorophenol

Concen: 52.13 ng

RT: 10.95 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92230BSD

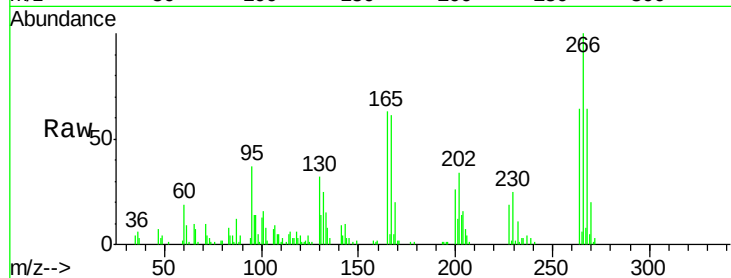
Tgt Ion:266 Resp: 55565

Ion Ratio Lower Upper

266 100

268 63.5 52.8 79.2

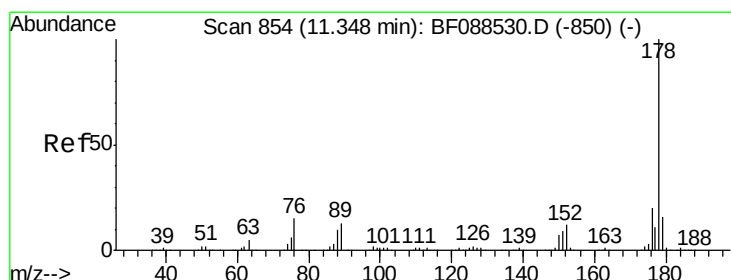
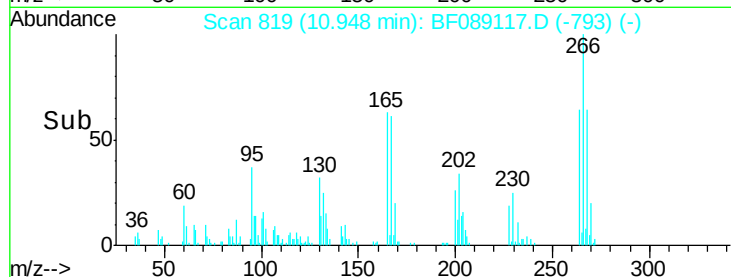
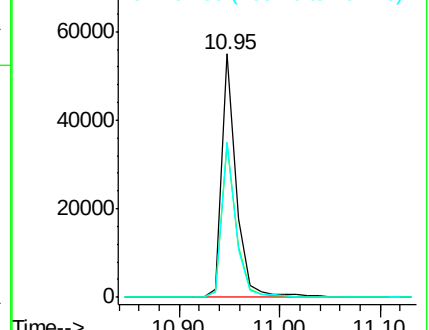
264 64.0 49.6 74.4



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: 38.03 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

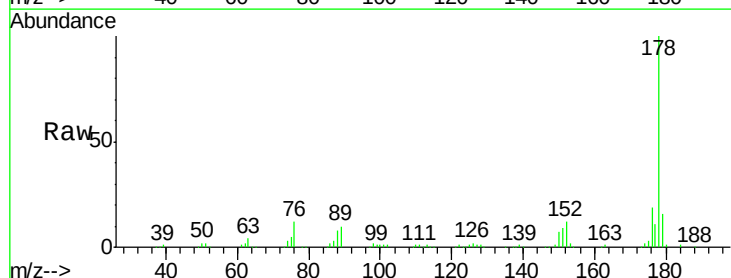
Tgt Ion:178 Resp: 335659

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

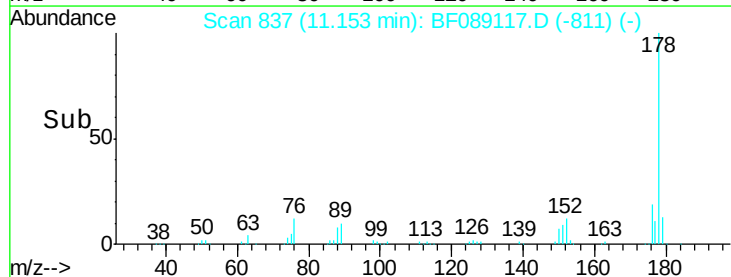
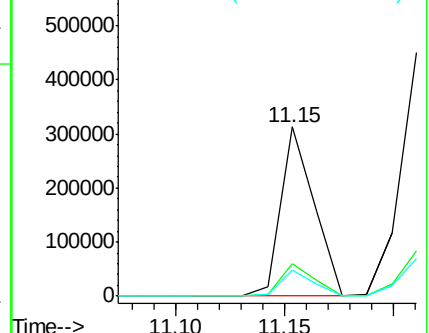
179 15.6 13.0 19.4

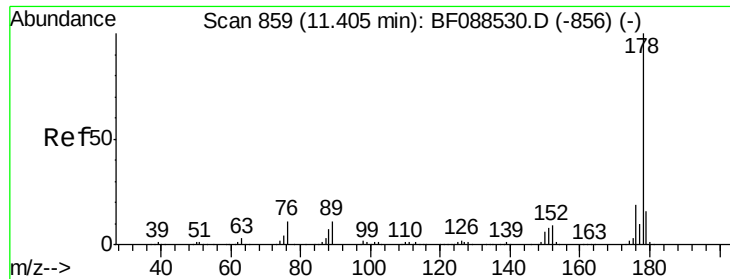


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

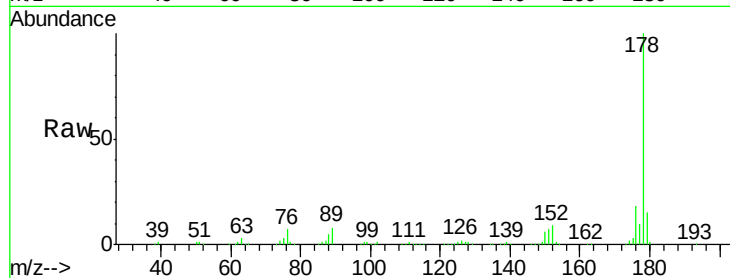




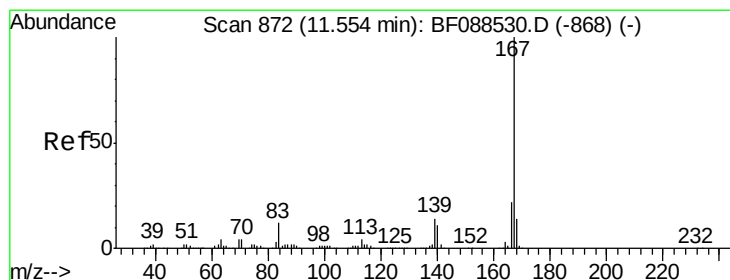
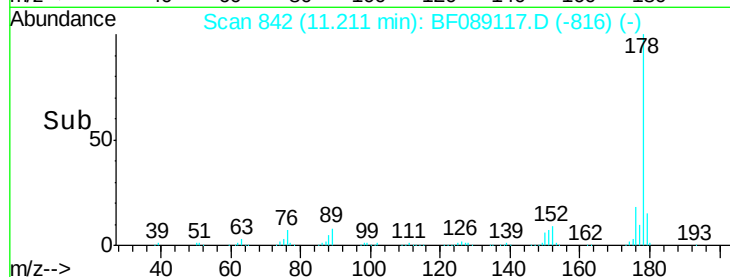
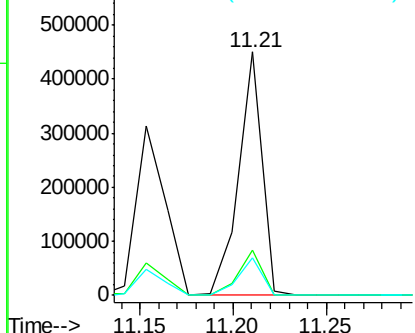
#71
 Anthracene
 Concen: 45.36 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB92230BSD

Tgt Ion:178 Resp: 398031
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.6 23.4
 179 15.3 12.8 19.2

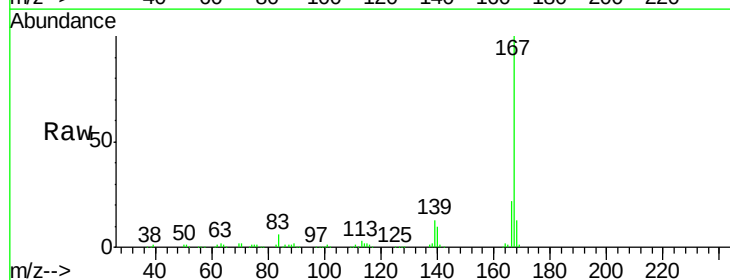


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

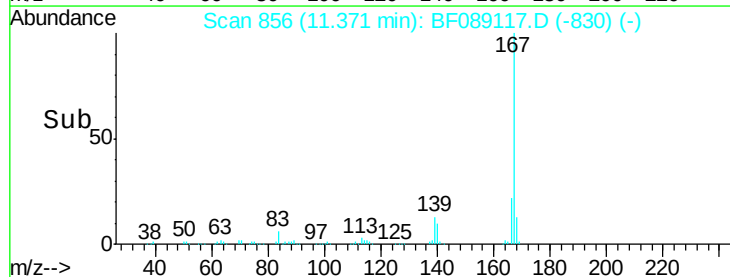
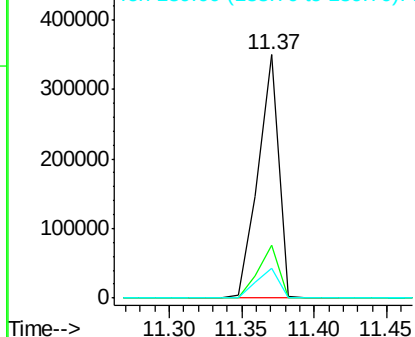


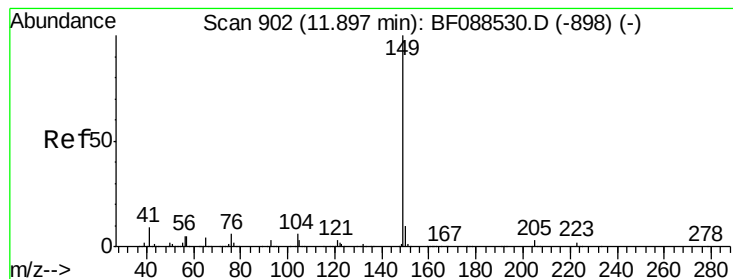
#72
 Carbazole
 Concen: 41.87 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Tgt Ion:167 Resp: 345824
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 12.5 11.2 16.8



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: 47.11 ng

RT: 11.71 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92230BSD

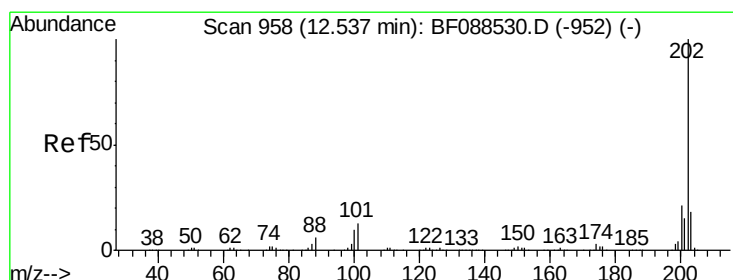
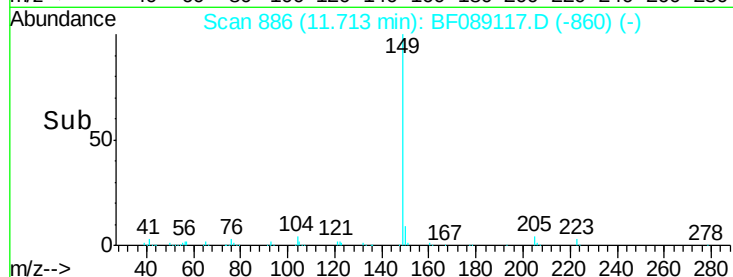
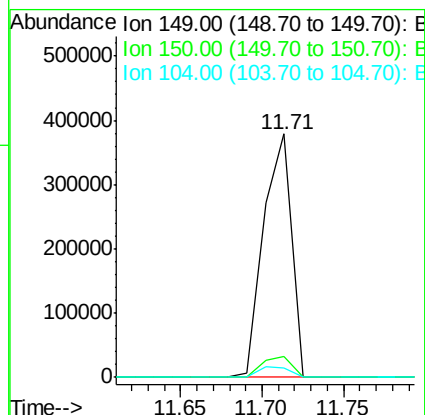
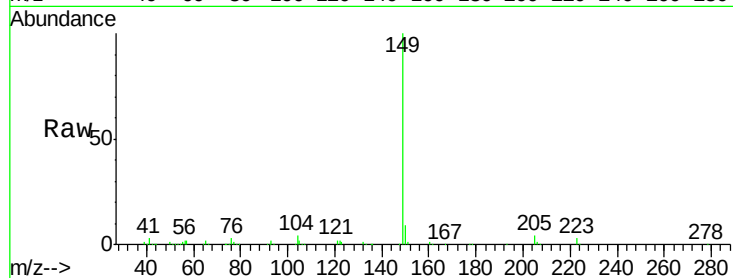
Tgt Ion:149 Resp: 452571

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

104 4.0 4.0 6.0



#74

Fluoranthene

Concen: 32.67 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

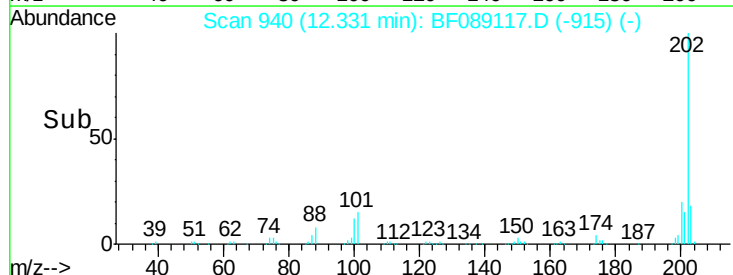
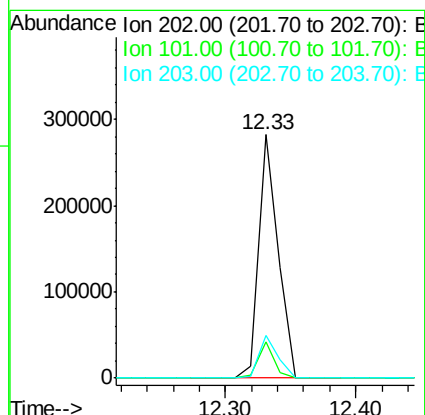
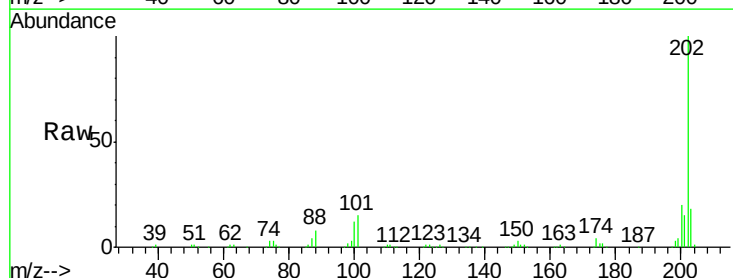
Tgt Ion:202 Resp: 292323

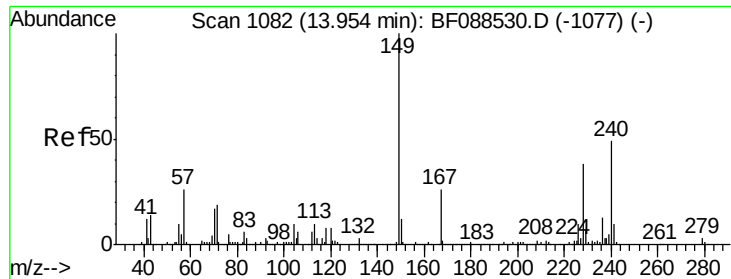
Ion Ratio Lower Upper

202 100

101 15.0 0.0 33.1

203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92230BSD

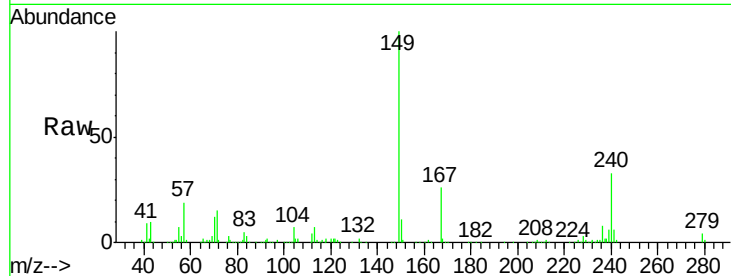
Tgt Ion:240 Resp: 90105

Ion Ratio Lower Upper

240 100

120 6.8 6.8 10.2

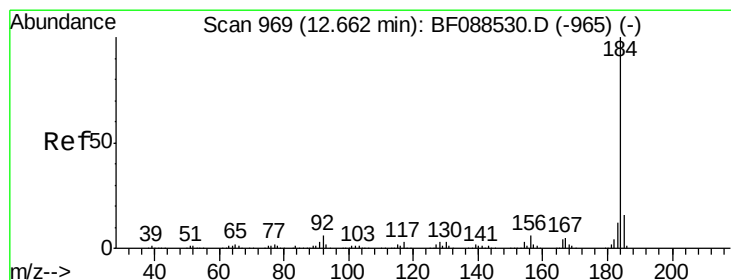
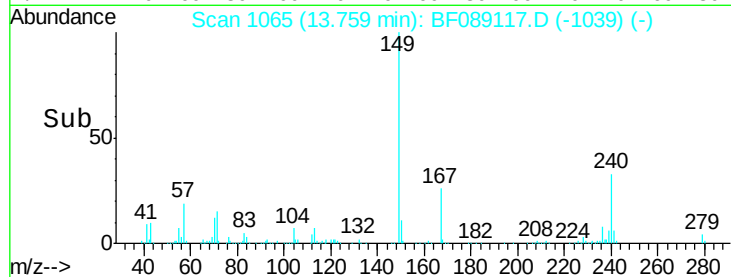
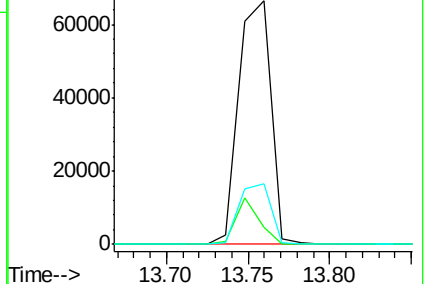
236 24.8 20.2 30.2



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: 34.75 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

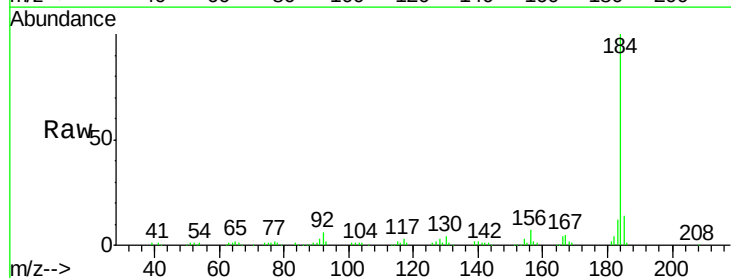
Tgt Ion:184 Resp: 158282

Ion Ratio Lower Upper

184 100

185 13.5 12.5 18.7

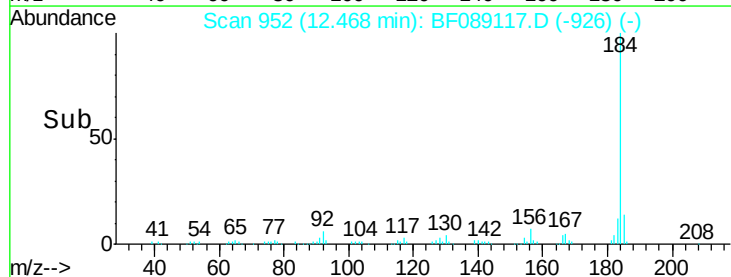
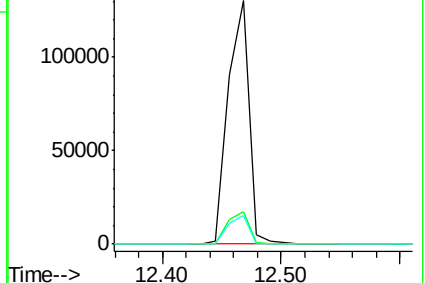
183 11.9 9.3 13.9

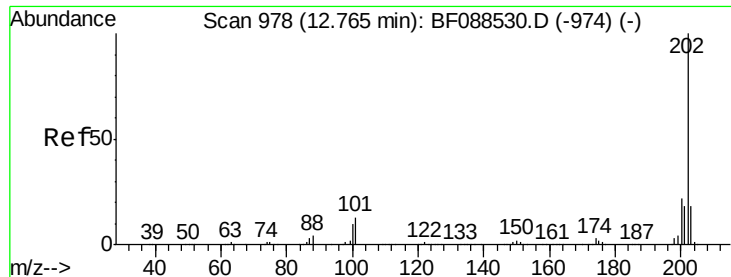


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.35 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92230BSD

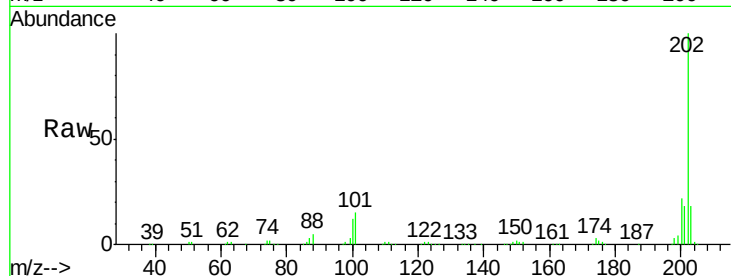
Tgt Ion: 202 Resp: 300653

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

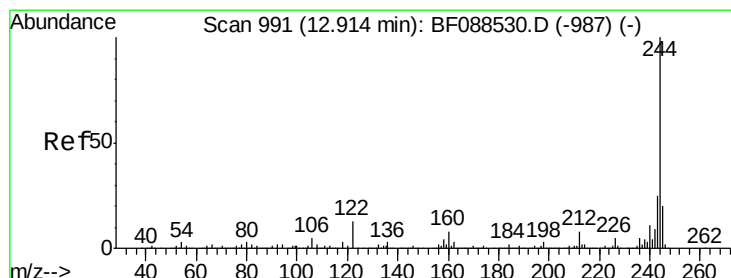
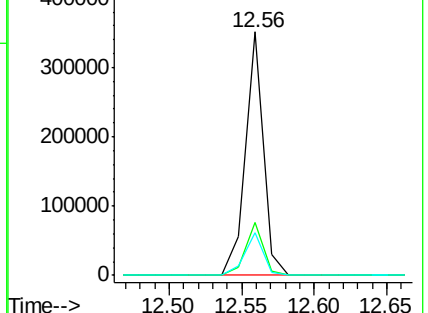
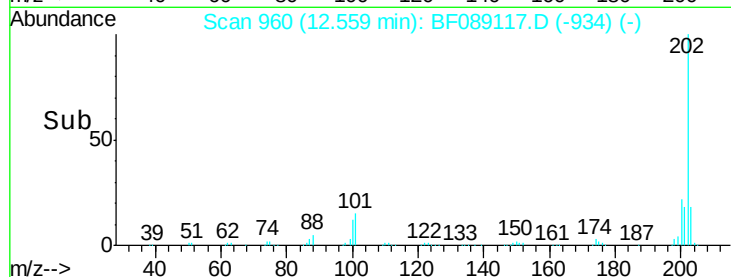
203 17.6 14.5 21.7



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: 95.88 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

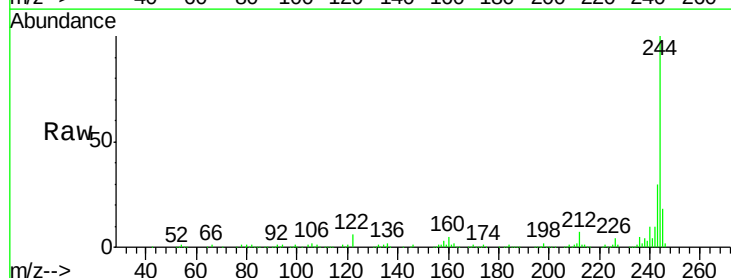
Tgt Ion: 244 Resp: 387864

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

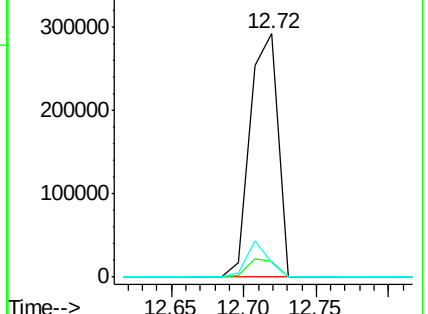
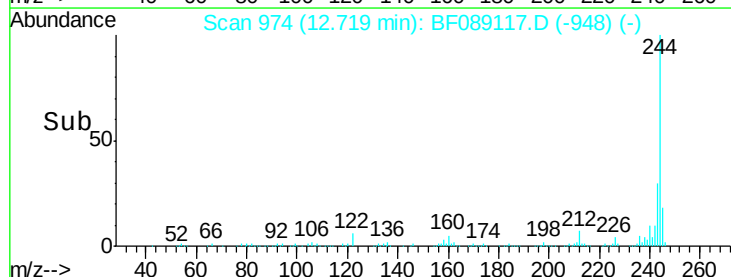
122 5.9 11.2 16.8#

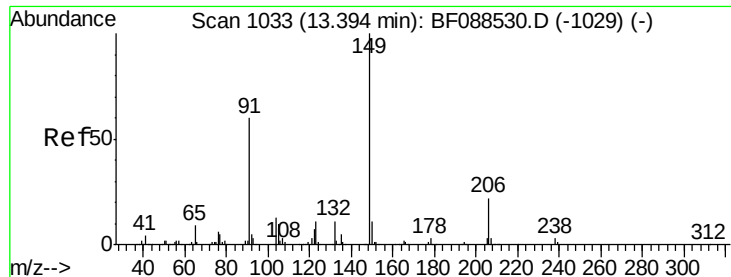


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.79 ng

RT: 13.19 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92230BSD

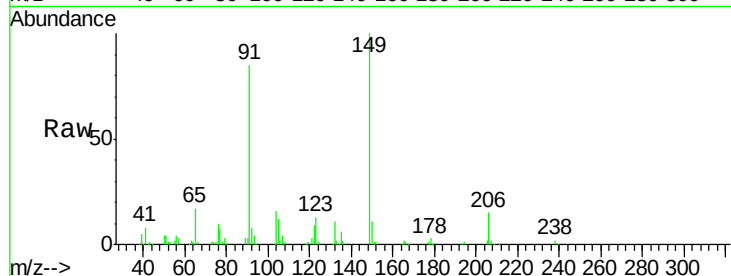
Tgt Ion:149 Resp: 142403

Ion Ratio Lower Upper

149 100

91 84.8 48.0 72.0#

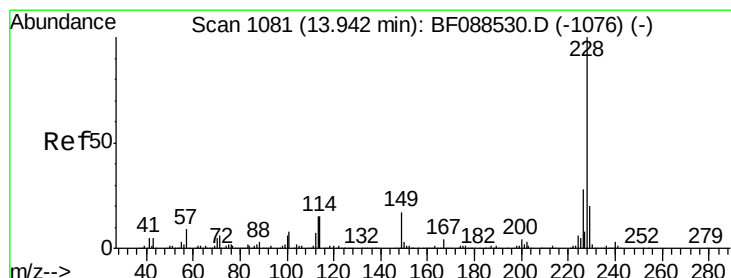
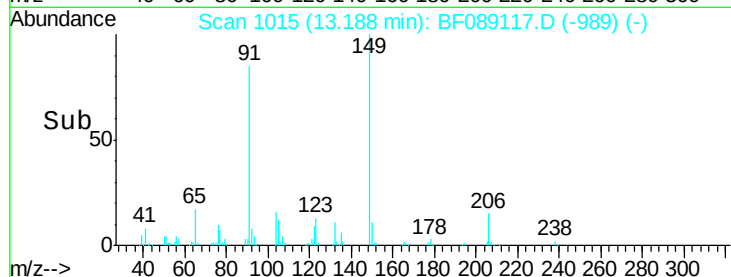
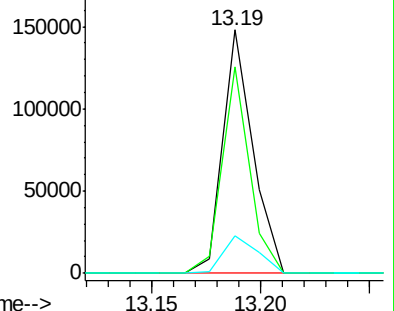
206 15.4 16.0 24.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.50 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

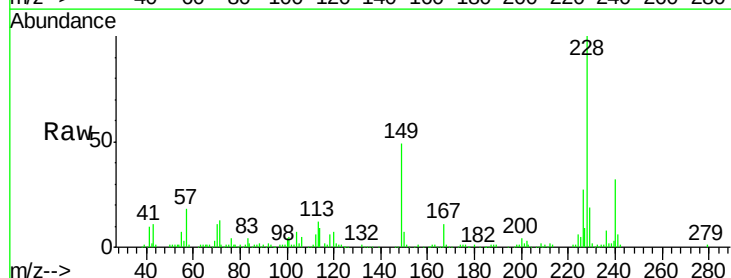
Tgt Ion:228 Resp: 246611

Ion Ratio Lower Upper

228 100

226 26.8 22.3 33.5

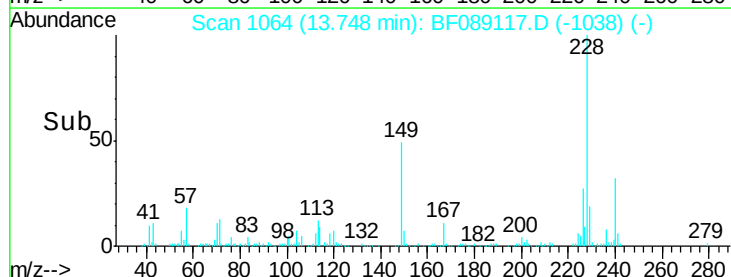
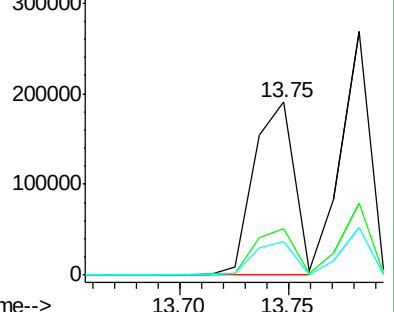
229 19.1 16.0 24.0

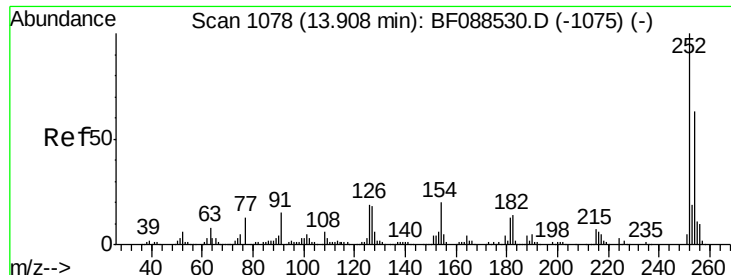


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

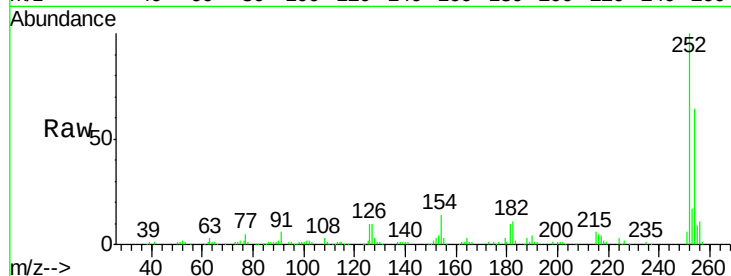




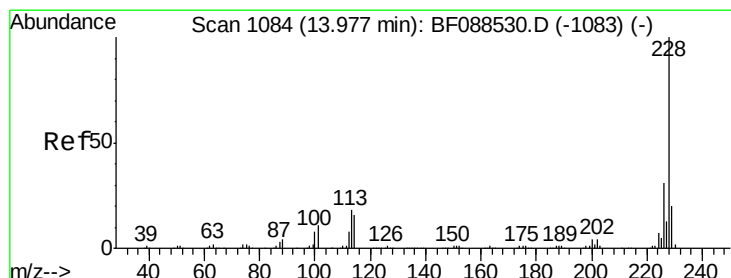
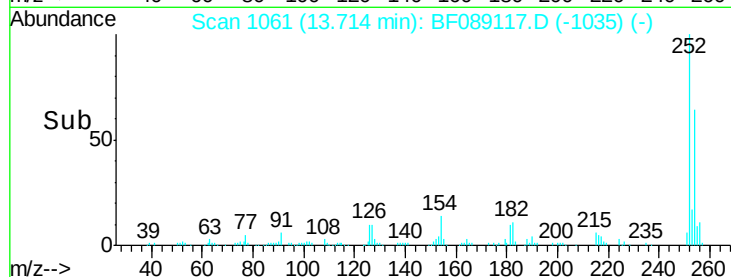
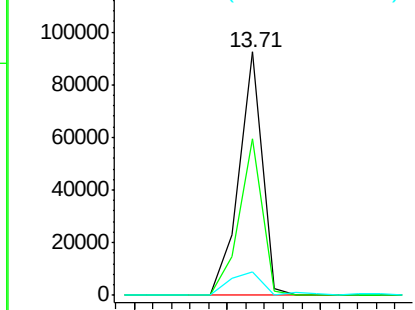
#81
 3,3'-Dichlorobenzidine
 Concen: 37.16 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB92230BSD

Tgt Ion:252 Resp: 81065
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.6 78.8
 126 9.7 6.2 9.2#

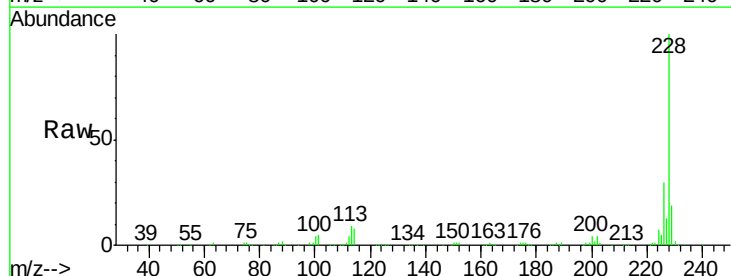


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

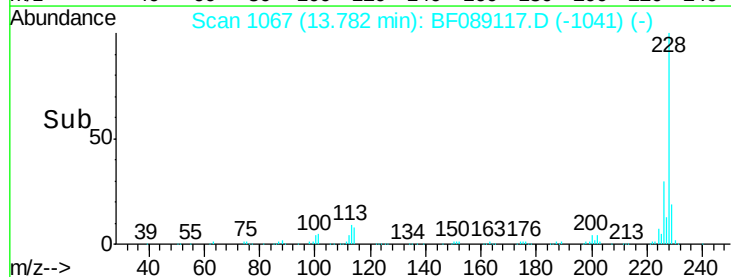
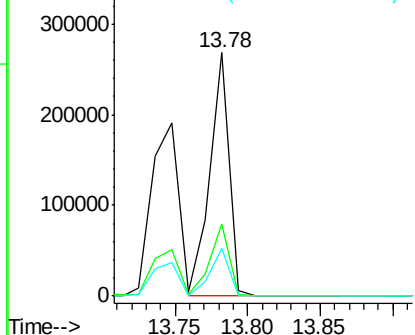


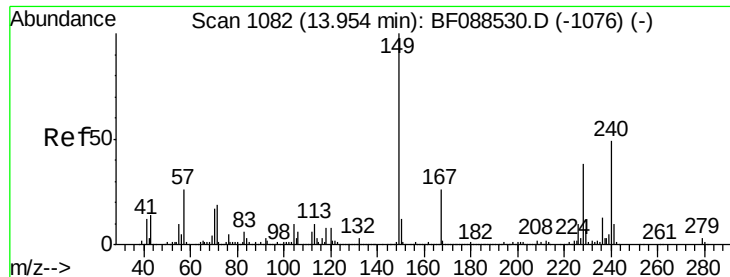
#82
 Chrysene
 Concen: 43.01 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Tgt Ion:228 Resp: 246864
 Ion Ratio Lower Upper
 228 100
 226 29.7 25.4 38.2
 229 19.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.46 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92230BSD

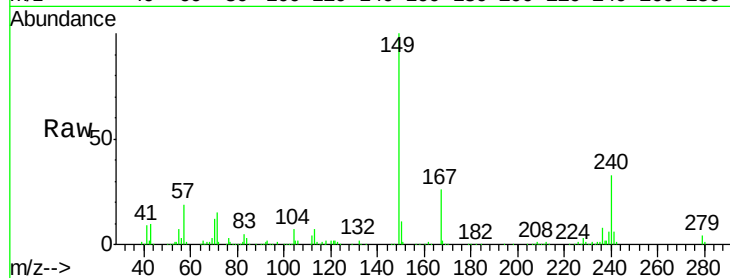
Tgt Ion:149 Resp: 207980

Ion Ratio Lower Upper

149 100

167 25.9 20.5 30.7

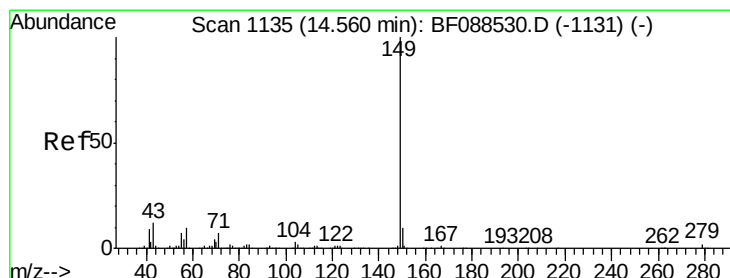
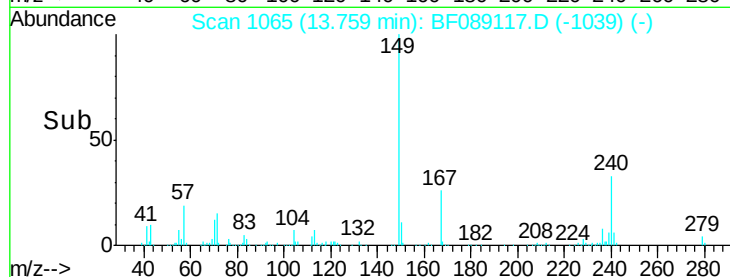
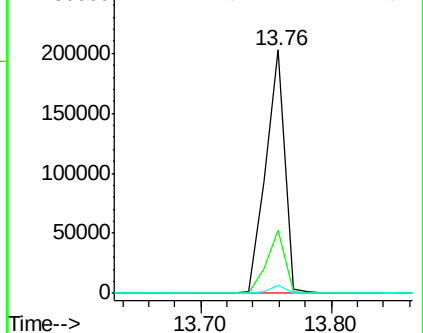
279 3.6 2.0 3.0#



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: 52.87 ng

RT: 14.37 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

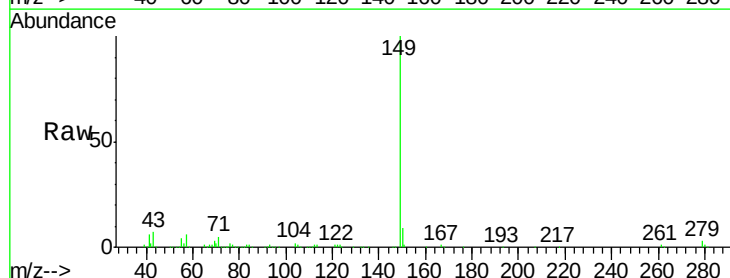
Tgt Ion:149 Resp: 349472

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

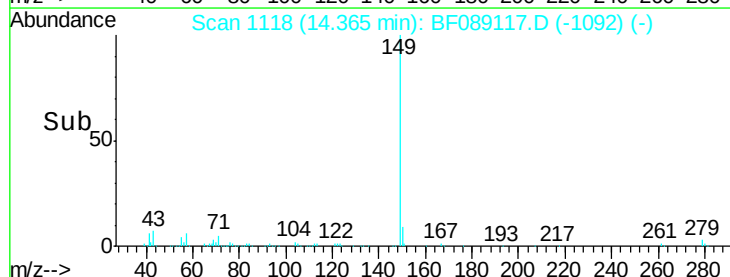
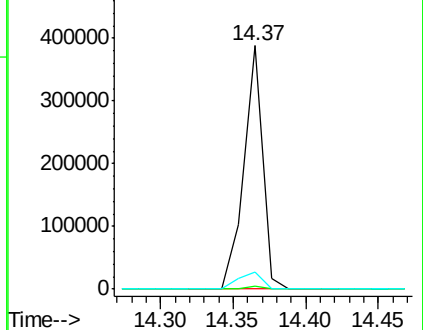
43 8.7 0.0 0.0#

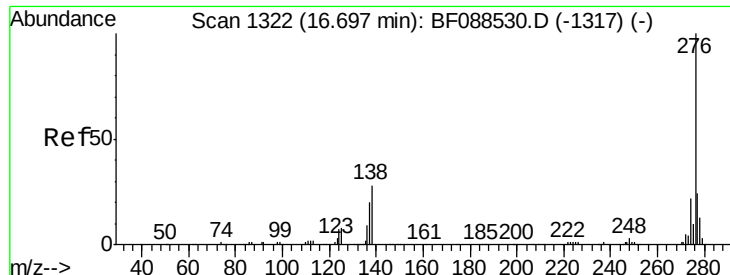


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

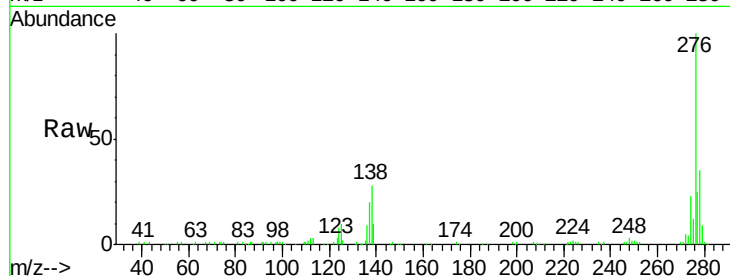




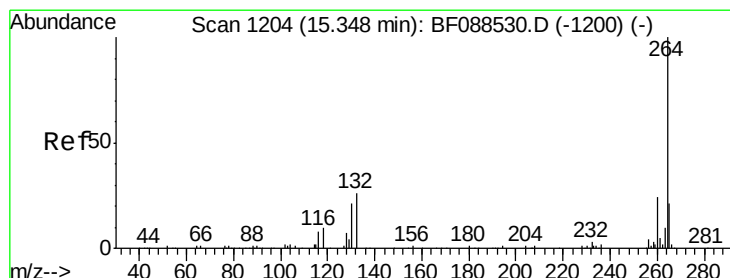
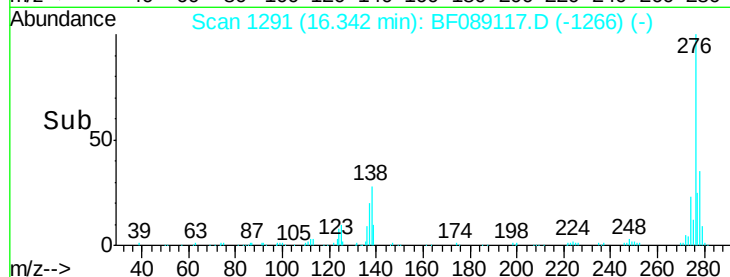
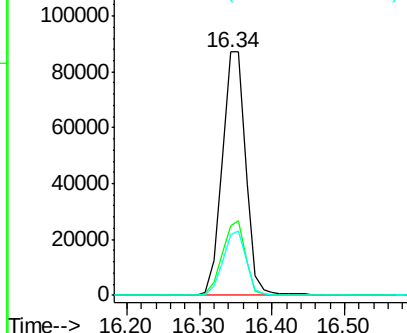
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.49 ng
 RT: 16.34 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB92230BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	0.0	0.0#
277	25.9	0.0	0.0#

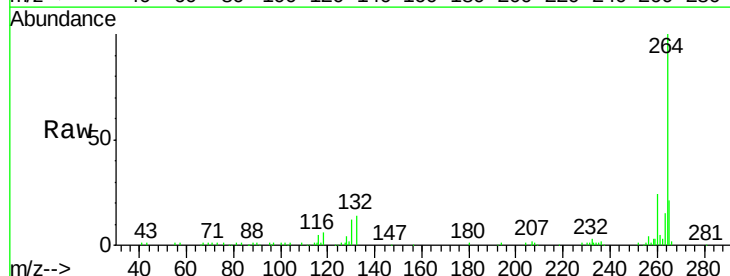


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

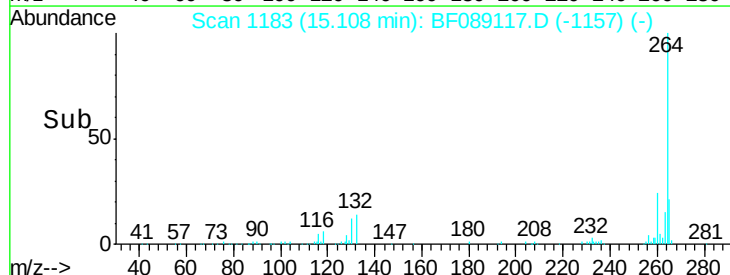
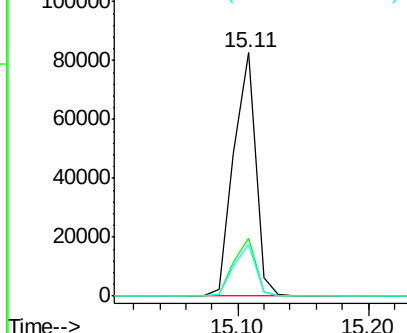


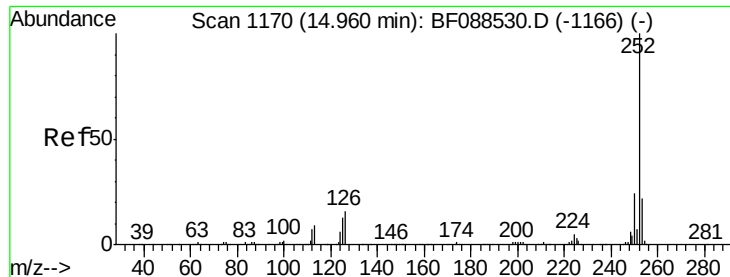
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF089117.D
 Acq: 19 Jul 2016 14:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	16.9	25.3



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





#87

Benzo(b)fluoranthene

Concen: 40.21 ng m

RT: 14.74 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92230BSD

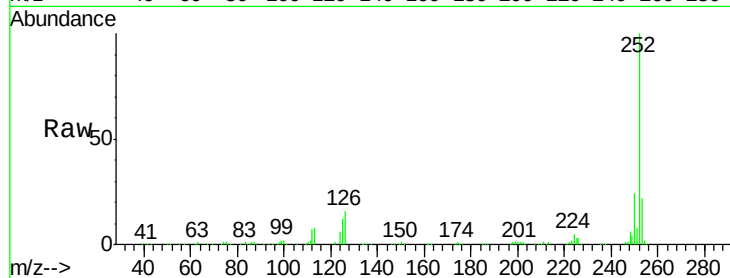
Tgt Ion:252 Resp: 244041

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

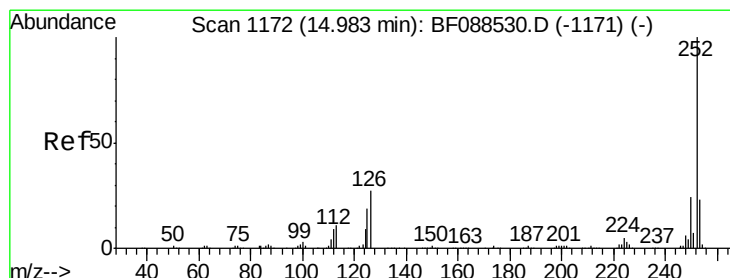
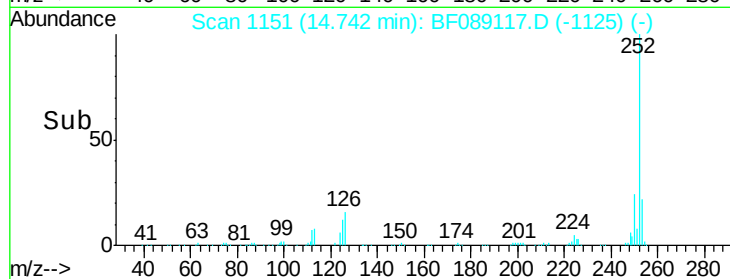
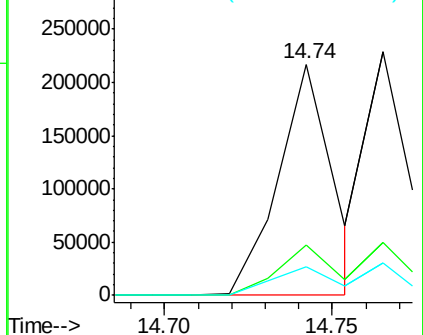
125 12.1 7.1 10.7#



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: 38.35 ng m

RT: 14.77 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

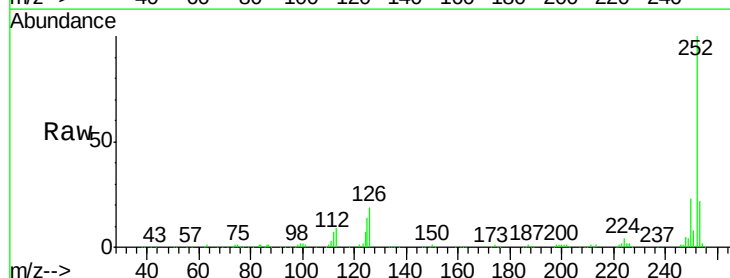
Tgt Ion:252 Resp: 202604

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

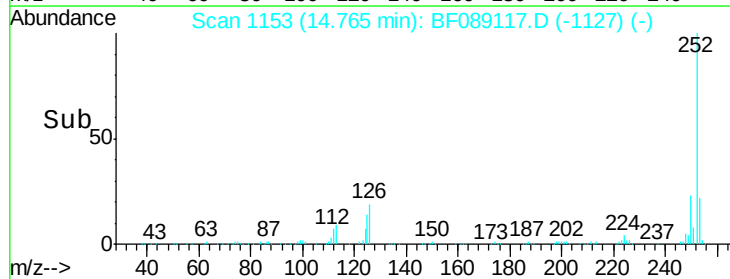
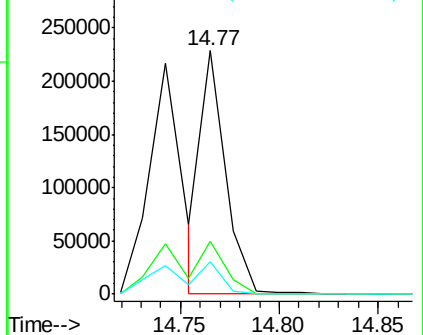
125 13.5 11.2 16.8

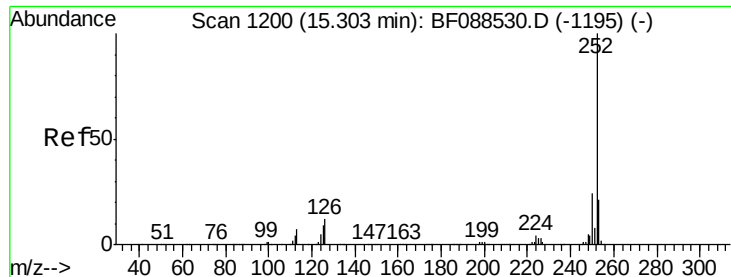


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.74 ng

RT: 15.05 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92230BSD

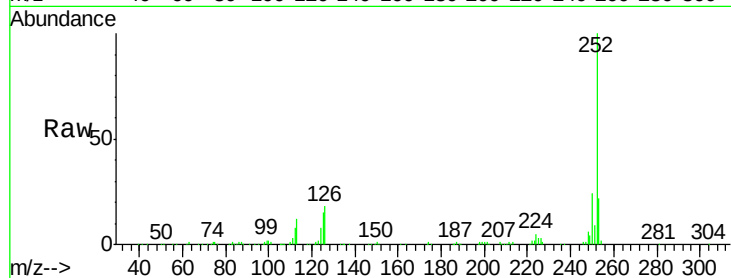
Tgt Ion: 252 Resp: 214491

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

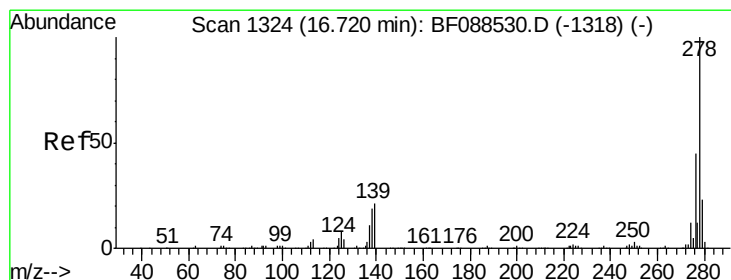
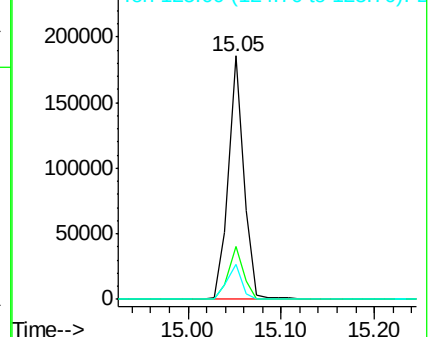
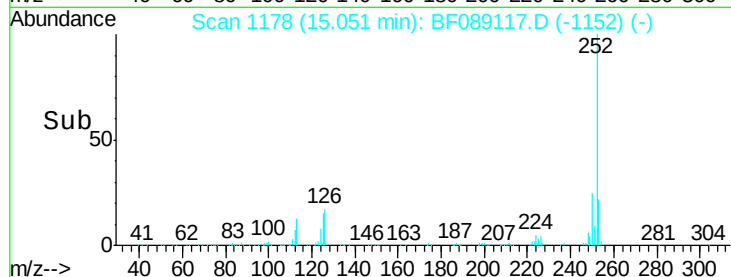
125 14.5 12.5 18.7



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: 39.68 ng

RT: 16.35 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

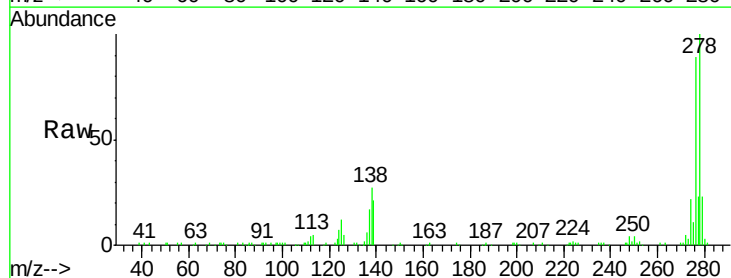
Tgt Ion: 278 Resp: 170258

Ion Ratio Lower Upper

278 100

139 20.8 15.7 23.5

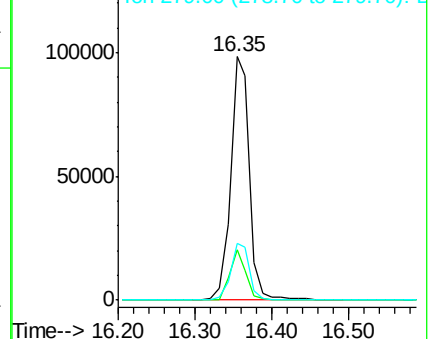
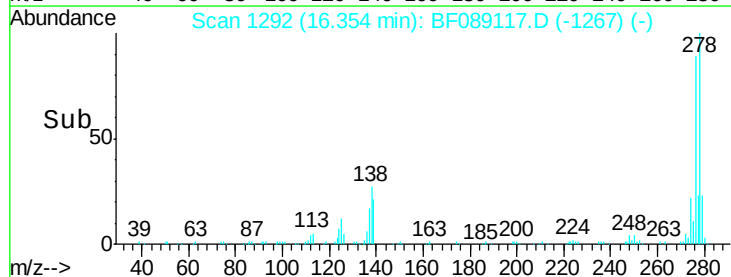
279 23.1 19.4 29.2

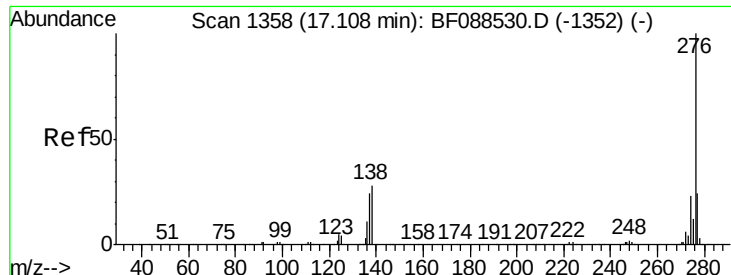


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 34.43 ng

RT: 16.72 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF089117.D

Acq: 19 Jul 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB92230BSD

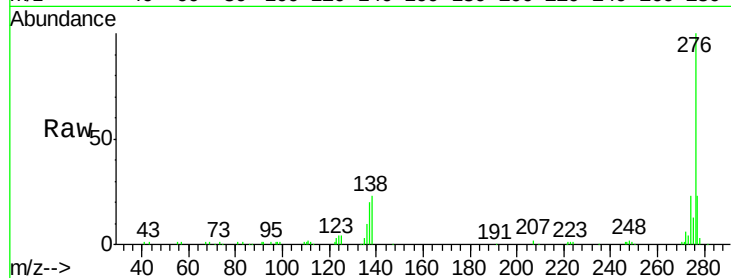
Tgt Ion: 276 Resp: 152872

Ion Ratio Lower Upper

276 100

277 22.9 18.9 28.3

138 23.3 21.4 32.2



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

