

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031516\
 Data File : BF085461.D
 Acq On : 15 Mar 2016 17:55
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Quant Time: Mar 15 19:00:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:45:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	183208	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	743413	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	332615	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	622778	20.00	ng	0.00
75) Chrysene-d12	14.08	240	444441	20.00	ng	0.00
86) Perylene-d12	15.53	264	310265	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	867246	40.68	ng	0.00
7) Phenol-d6	6.55	99	1163333	42.07	ng	0.00
23) Nitrobenzene-d5	7.49	82	1116691	44.41	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	223602	36.49	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1665978	43.45	ng	0.00
78) Terphenyl-d14	13.03	244	1583210	40.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	202566	38.09	ng	97
3) Pyridine	3.29	79	591451	46.85	ng	97
4) n-Nitrosodimethylamine	3.25	42	226712	38.89	ng	100
6) Aniline	6.57	93	784938	41.13	ng	99
8) 2-Chlorophenol	6.70	128	524229	41.95	ng	96
9) Benzaldehyde	6.46	77	324297	42.01	ng	98
10) Phenol	6.56	94	715593	46.17	ng	97
11) bis(2-Chloroethyl)ether	6.65	93	526559	44.18	ng	97
12) 1,3-Dichlorobenzene	6.86	146	545462	39.38	ng	98
13) 1,4-Dichlorobenzene	6.93	146	517060	37.27	ng	98
14) 1,2-Dichlorobenzene	7.09	146	526549	43.25	ng	98
15) Benzyl Alcohol	7.05	79	408853	41.41	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	608028	37.47	ng	98
17) 2-Methylphenol	7.17	107	410346	39.22	ng	96
18) Hexachloroethane	7.43	117	209147	41.10	ng	96
19) n-Nitroso-di-n-propylamine	7.34	70	356468	43.06	ng	98
20) 3+4-Methylphenols	7.33	107	492820	43.94	ng	# 77
22) Acetophenone	7.33	105	614531	33.73	ng	95
24) Nitrobenzene	7.50	77	497613	35.13	ng	99
25) Isophorone	7.74	82	996310	38.86	ng	100
26) 2-Nitrophenol	7.82	139	299929	44.19	ng	# 88
27) 2,4-Dimethylphenol	7.85	122	467924	38.76	ng	95
28) bis(2-Chloroethoxy)methane	7.96	93	604448	39.43	ng	# 97
29) 2,4-Dichlorophenol	8.06	162	413164	42.19	ng	93
30) 1,2,4-Trichlorobenzene	8.14	180	424882	37.55	ng	100
31) Naphthalene	8.22	128	1360680	37.46	ng	99
32) Benzoic acid	7.98	122	264688	38.13	ng	96
33) 4-Chloroaniline	8.28	127	655462	41.95	ng	# 89
34) Hexachlorobutadiene	8.34	225	232011	39.22	ng	100
35) Caprolactam	8.65	113	129390	40.46	ng	93
36) 4-Chloro-3-methylphenol	8.76	107	466180	41.69	ng	97
37) 2-Methylnaphthalene	8.92	142	957300	41.62	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	400607	38.72	ng	97
40) Hexachlorocyclopentadiene	9.06	237	215068	43.02	ng	99

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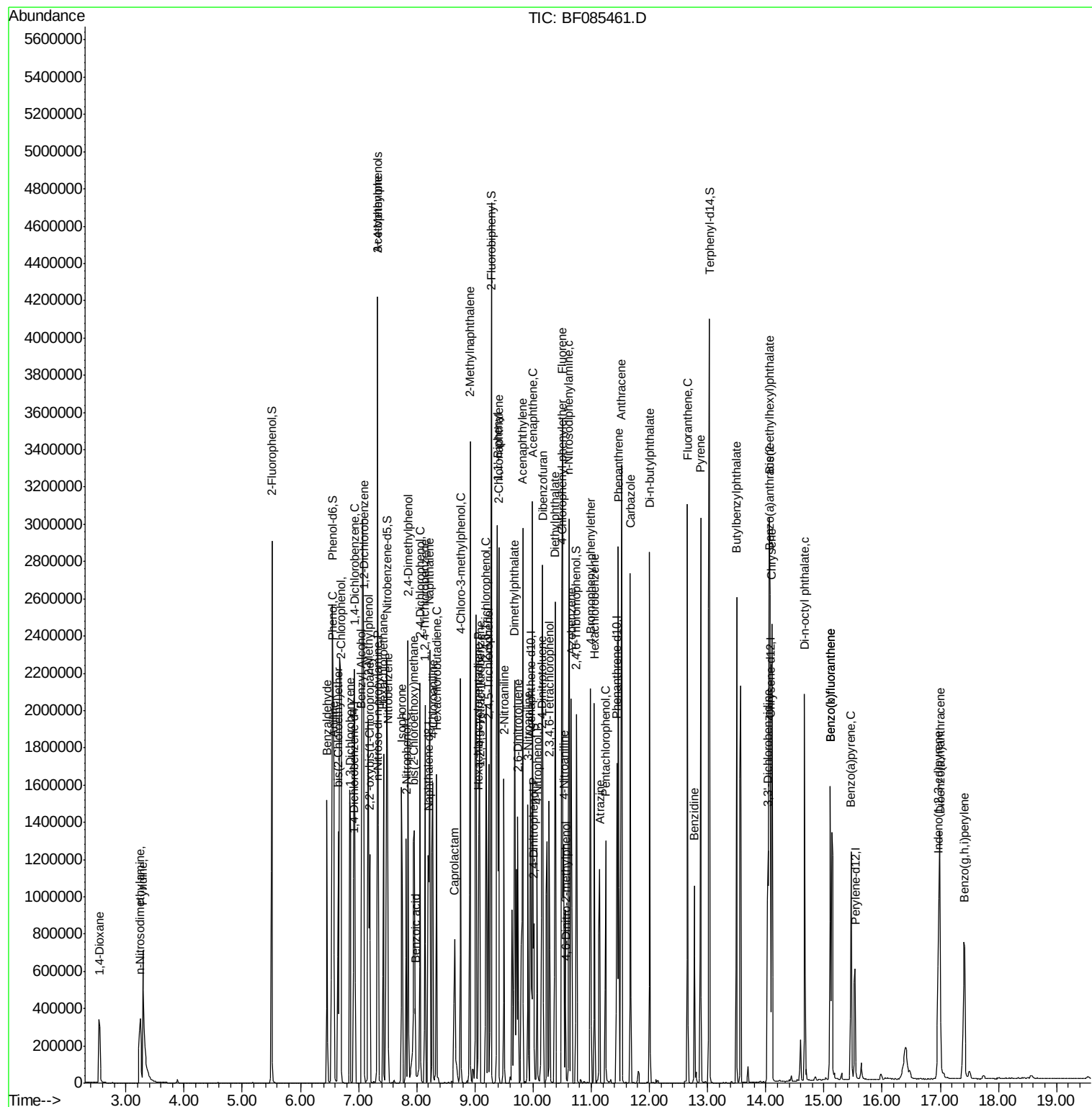
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	270635	39.61	ng	96
43) 2,4,5-Trichlorophenol	9.24	196	302631	43.85	ng #	92
45) 1,1'-Biphenyl	9.38	154	1180435	43.48	ng	95
46) 2-Chloronaphthalene	9.41	162	875445	43.04	ng	96
47) 2-Nitroaniline	9.50	65	267085	43.36	ng	89
48) Acenaphthylene	9.82	152	1259730	38.28	ng	99
49) Dimethylphthalate	9.68	163	900814	37.12	ng	99
50) 2,6-Dinitrotoluene	9.74	165	203611	37.98	ng #	78
51) Acenaphthene	9.99	154	778692	37.64	ng	99
52) 3-Nitroaniline	9.91	138	242136	37.77	ng	82
53) 2,4-Dinitrophenol	10.01	184	103810	39.19	ng #	63
54) Dibenzofuran	10.16	168	1075946	42.33	ng	99
55) 4-Nitrophenol	10.07	139	218446	49.51	ng	86
56) 2,4-Dinitrotoluene	10.15	165	323771	48.15	ng #	79
57) Fluorene	10.50	166	797014	39.32	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	202117	42.65	ng	97
59) Diethylphthalate	10.38	149	951057	40.49	ng	97
60) 4-Chlorophenyl-phenylether	10.49	204	385761	37.04	ng	92
61) 4-Nitroaniline	10.53	138	255738	42.43	ng	98
62) Azobenzene	10.65	77	1000520	42.89	ng	97
64) 4,6-Dinitro-2-methylphenol	10.56	198	144699	38.90	ng	77
65) n-Nitrosodiphenylamine	10.62	169	813705	42.40	ng	99
66) 4-Bromophenyl-phenylether	10.98	248	232383	36.87	ng #	89
67) Hexachlorobenzene	11.05	284	250426	38.50	ng #	86
68) Atrazine	11.14	200	188377	34.30	ng	94
69) Pentachlorophenol	11.25	266	147081	42.66	ng	98
70) Phenanthrene	11.46	178	1232876	38.01	ng	99
71) Anthracene	11.52	178	1413209	42.77	ng	99
72) Carbazole	11.67	167	1073711	38.41	ng	98
73) Di-n-butylphthalate	12.00	149	1387866	40.07	ng	99
74) Fluoranthene	12.65	202	1185888	38.89	ng	97
76) Benzidine	12.77	184	511890	37.08	ng	99
77) Pyrene	12.88	202	1208957	36.27	ng	99
79) Butylbenzylphthalate	13.50	149	577523	39.62	ng #	85
80) Benzo(a)anthracene	14.07	228	1002263	39.33	ng	99
81) 3,3'-Dichlorobenzidine	14.04	252	352917	40.92	ng #	96
82) Chrysene	14.11	228	775162	33.82	ng	99
83) Bis(2-ethylhexyl)phthalate	14.06	149	700634	39.41	ng #	97
84) Di-n-octyl phthalate	14.67	149	1030053	39.68	ng	99
85) Indeno(1,2,3-cd)pyrene	16.97	276	799426	36.79	ng	97
87) Benzo(b)fluoranthene	15.11	252	766691	37.84	ng #	97
88) Benzo(k)fluoranthene	15.11	252	766691	48.31	ng	98
89) Benzo(a)pyrene	15.47	252	705503	40.30	ng #	95
90) Dibenzo(a,h)anthracene	17.00	278	660988	38.65	ng	95
91) Benzo(g,h,i)perylene	17.42	276	664035	38.02	ng	94

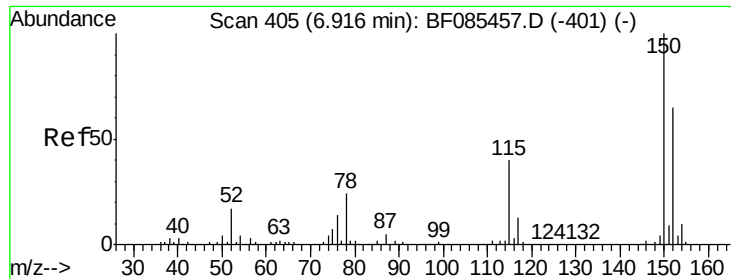
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

ICVBF031516

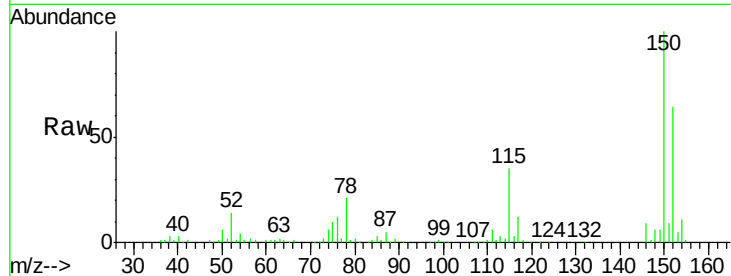
Tgt Ion:152 Resp: 183208

Ion Ratio Lower Upper

152 100

150 155.7 124.6 186.8

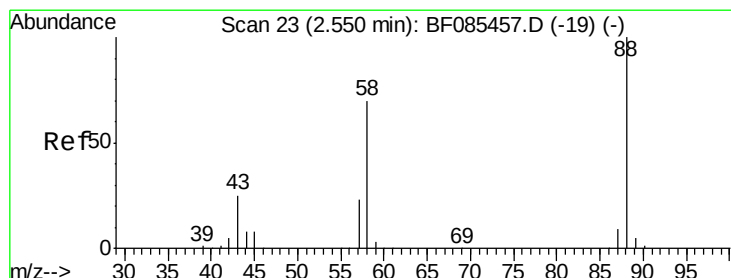
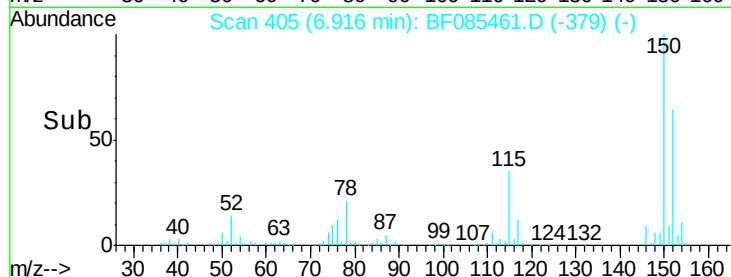
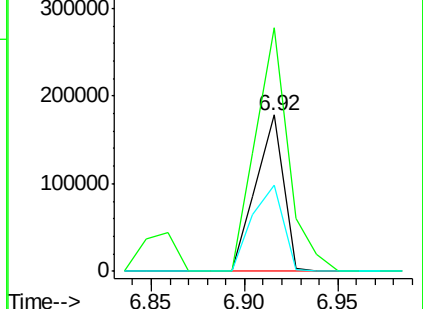
115 55.3 46.6 70.0



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: 38.09 ng

RT: 2.54 min Scan# 22

Delta R.T. -0.01 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

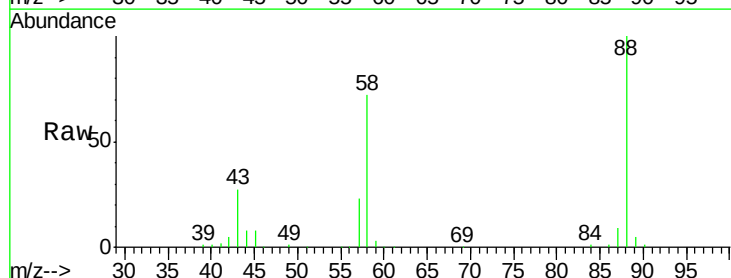
Tgt Ion: 88 Resp: 202566

Ion Ratio Lower Upper

88 100

58 68.6 57.0 85.6

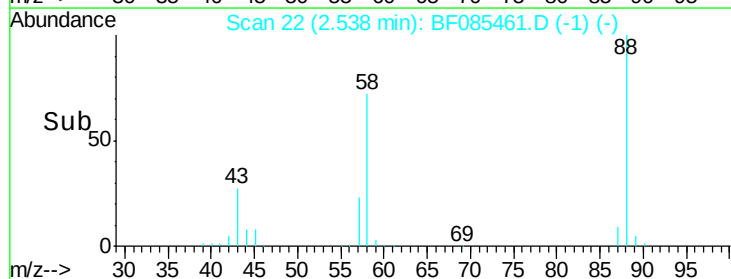
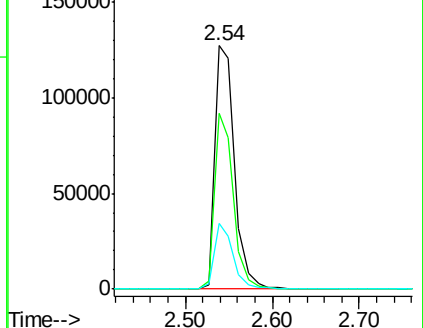
43 26.4 20.5 30.7

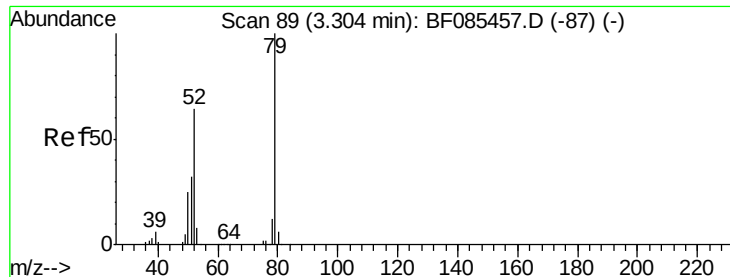


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 46.85 ng

RT: 3.29 min Scan# 88

Delta R.T. -0.01 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

ICVBF031516

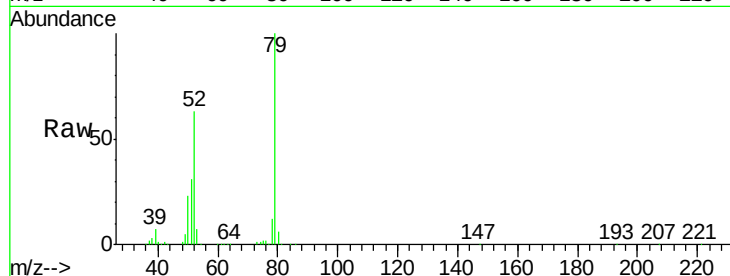
Tgt Ion: 79 Resp: 591451

Ion Ratio Lower Upper

79 100

52 63.1 52.6 79.0

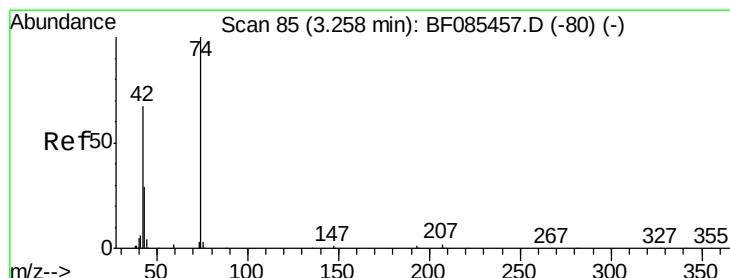
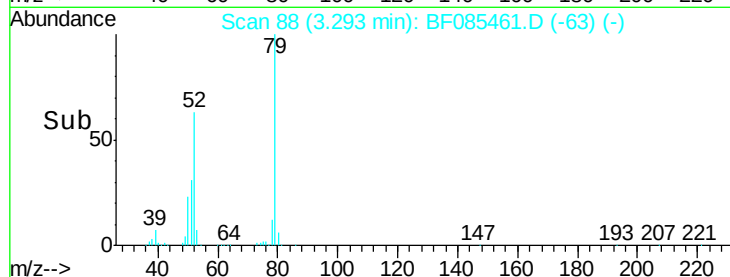
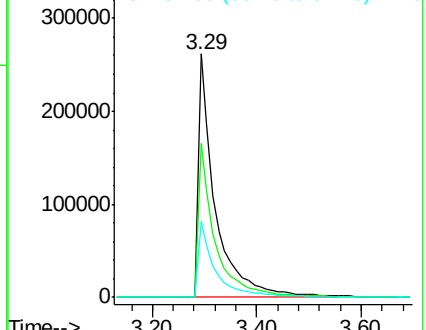
51 31.3 25.8 38.8



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: 38.89 ng

RT: 3.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

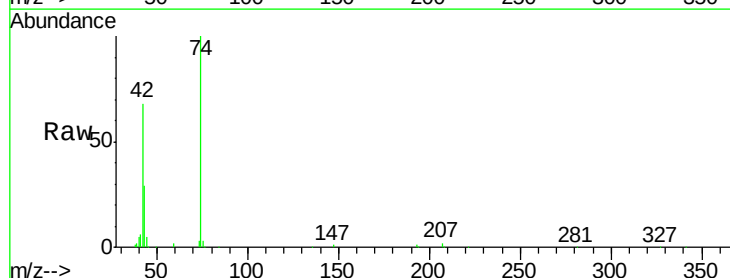
Tgt Ion: 42 Resp: 226712

Ion Ratio Lower Upper

42 100

74 146.1 116.8 175.2

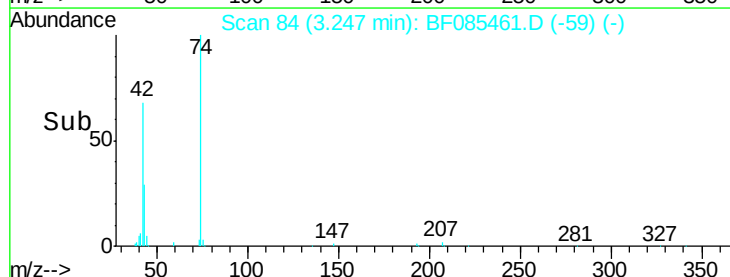
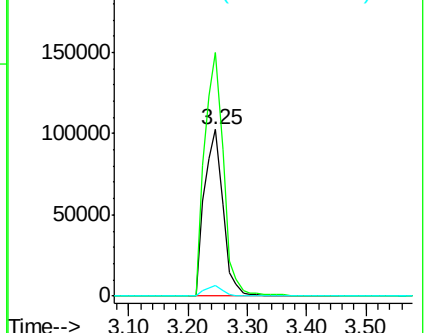
44 6.7 5.5 8.3

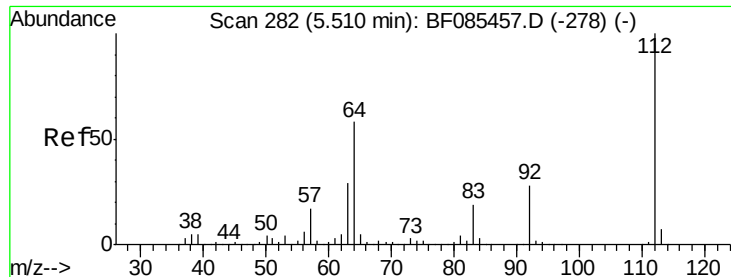


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 40.68 ng

RT: 5.51 min Scan# 282

Delta R.T. -0.00 min

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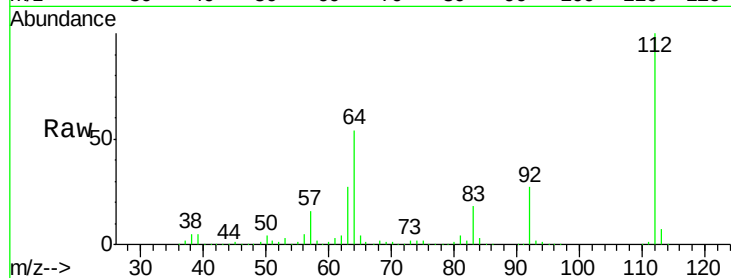
Tgt Ion: 112 Resp: 867246

Ion Ratio Lower Upper

112 100

64 54.1 49.0 73.4

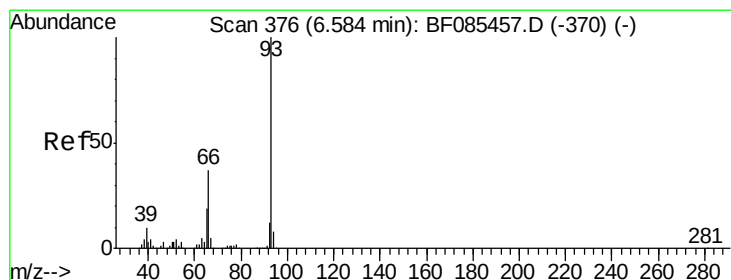
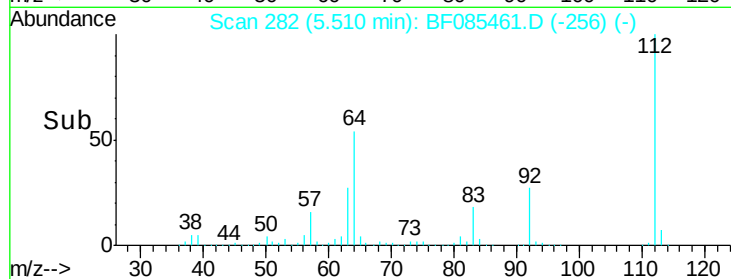
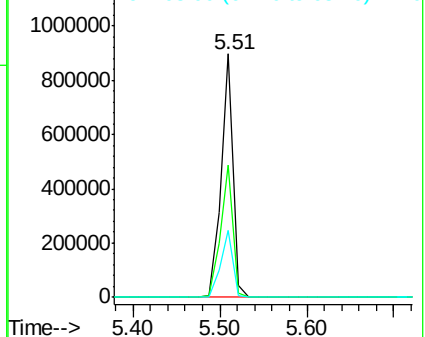
63 27.4 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.13 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

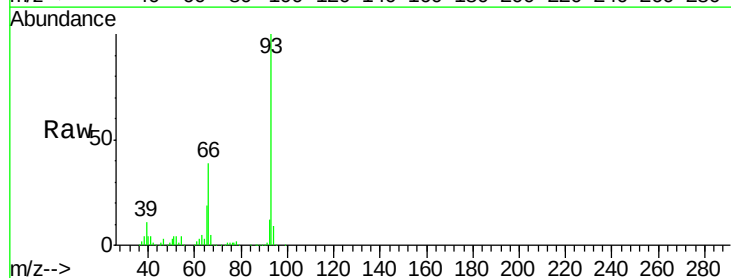
Tgt Ion: 93 Resp: 784938

Ion Ratio Lower Upper

93 100

66 38.8 31.6 47.4

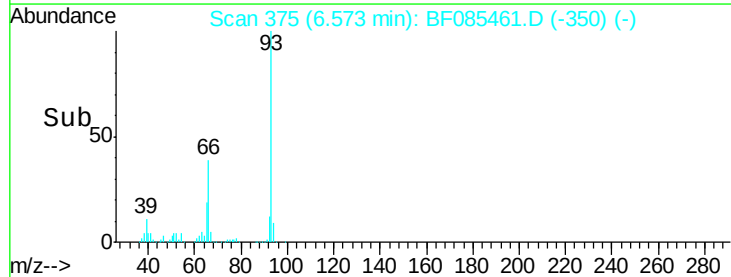
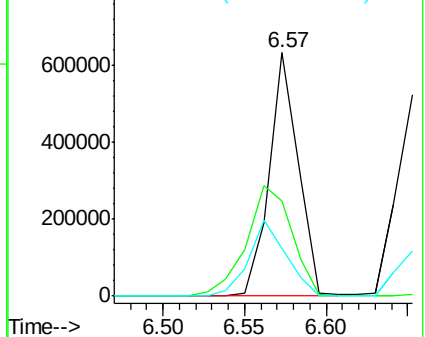
65 19.4 15.8 23.8

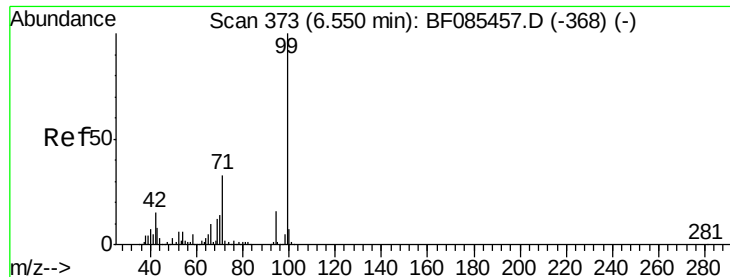


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 42.07 ng

RT: 6.55 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

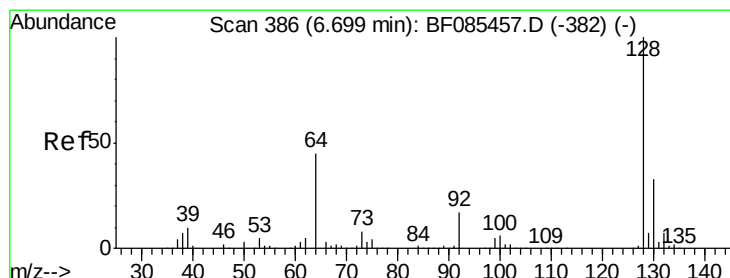
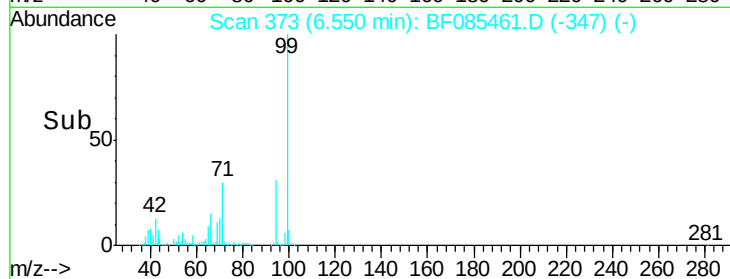
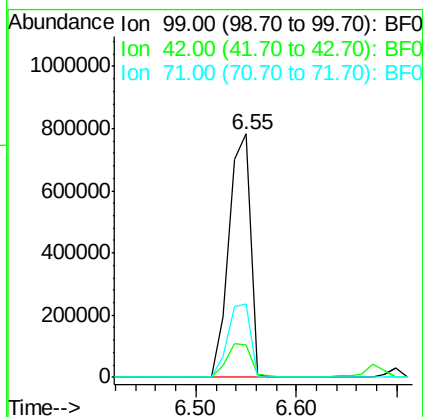
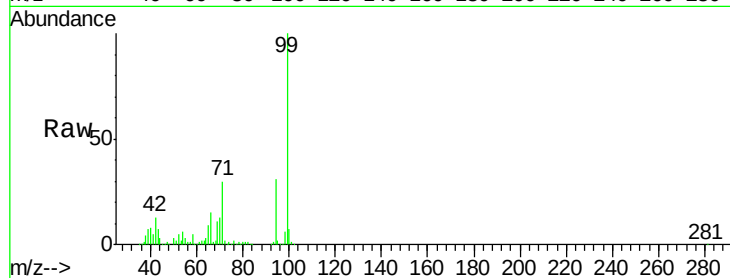
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Tgt Ion: 99 Resp: 1163333

Ion	Ratio	Lower	Upper
99	100		
42	13.2	13.6	20.4#
71	30.0	26.7	40.1



#8

2-Chlorophenol

Concen: 41.95 ng

RT: 6.70 min Scan# 386

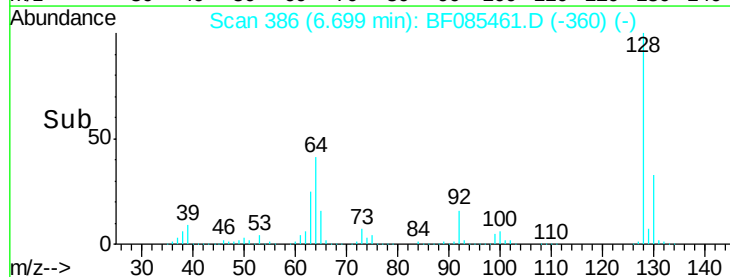
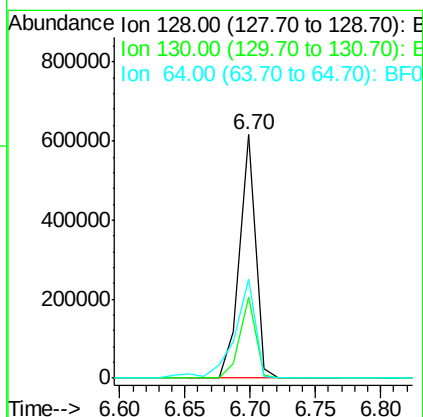
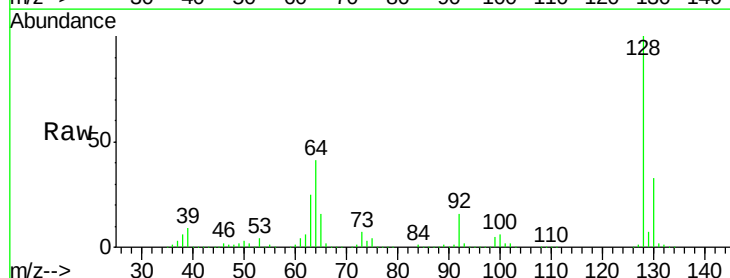
Delta R.T. -0.00 min

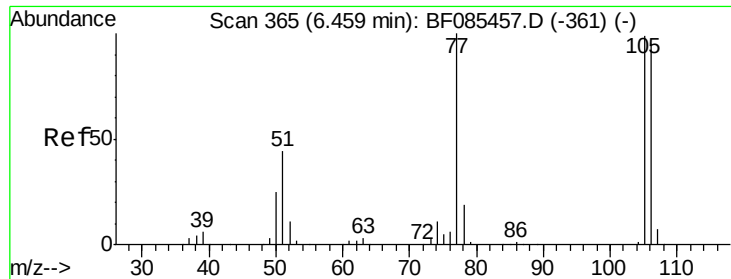
Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Tgt Ion: 128 Resp: 524229

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.3	53.3
64	40.7	25.7	65.7





#9

Benzaldehyde

Concen: 42.01 ng

RT: 6.46 min Scan# 365

Delta R.T. 0.00 min

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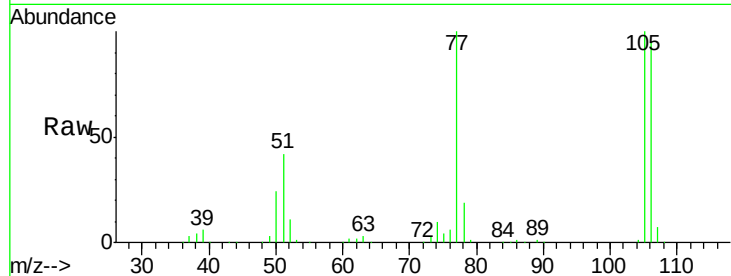
Tgt Ion: 77 Resp: 324297

Ion Ratio Lower Upper

77 100

105 100.1 78.2 118.2

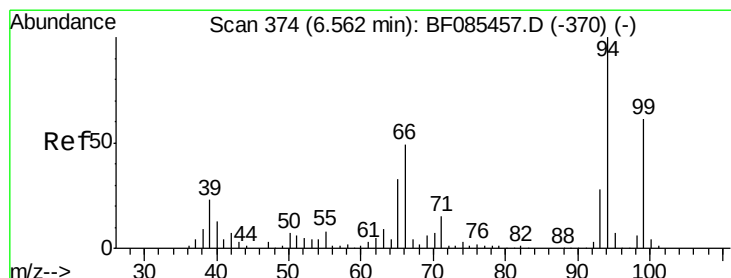
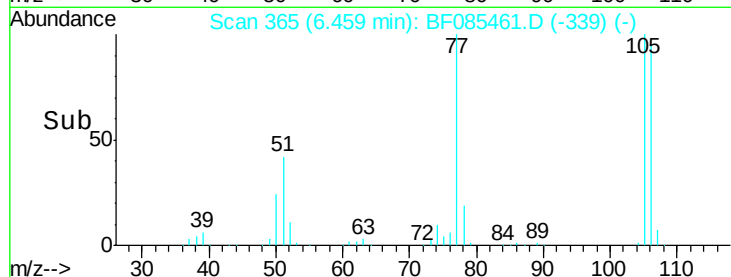
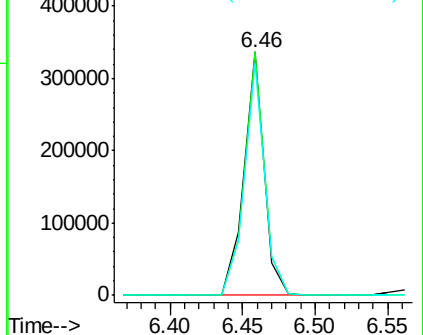
106 95.2 72.9 112.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.17 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

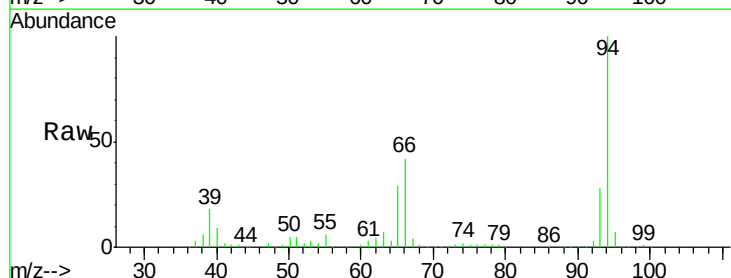
Tgt Ion: 94 Resp: 715593

Ion Ratio Lower Upper

94 100

65 28.6 9.1 49.1

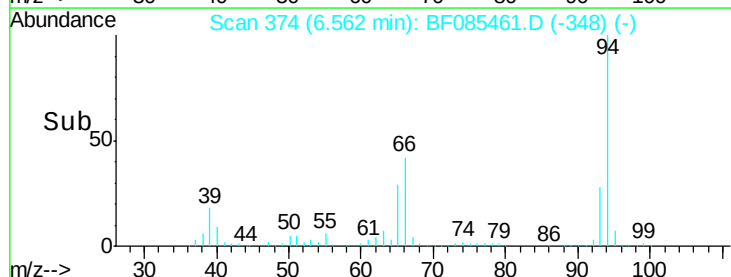
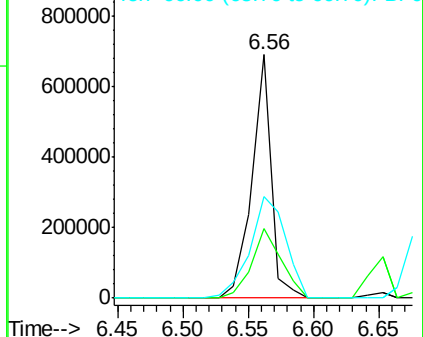
66 41.5 19.3 59.3

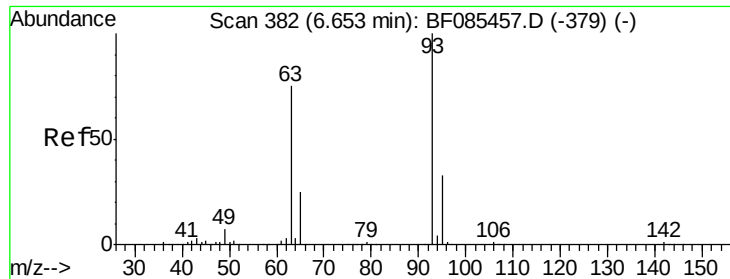


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

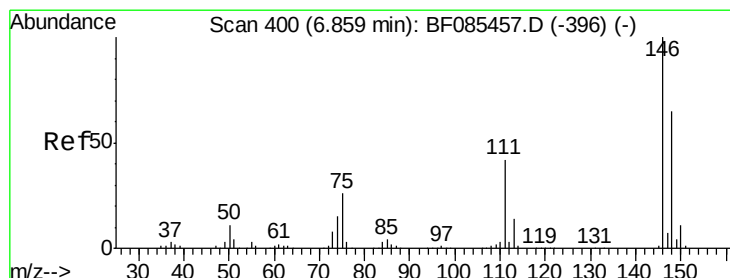
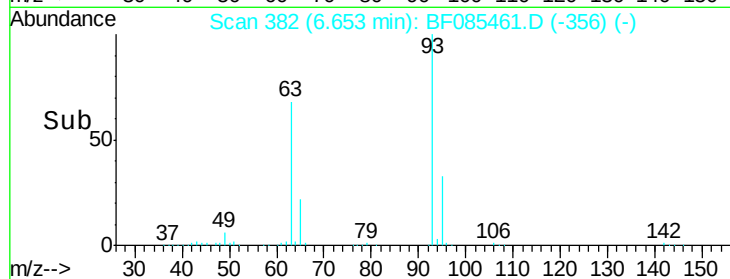
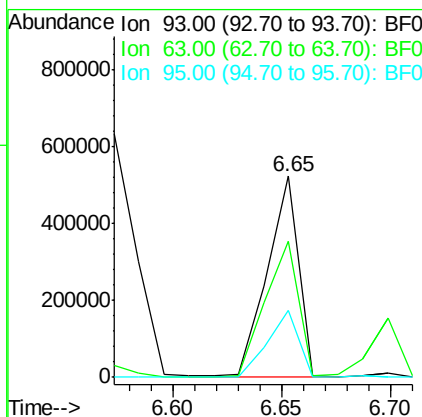
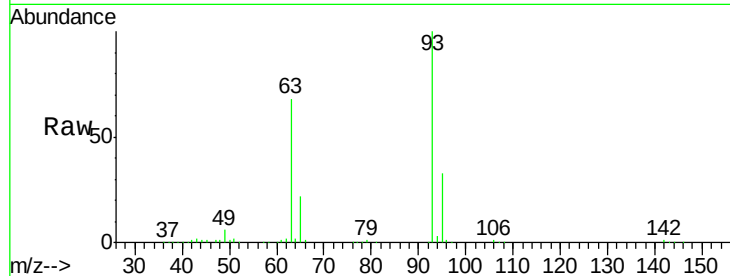




#11
 bis(2-Chloroethyl)ether
 Concen: 44.18 ng
 RT: 6.65 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

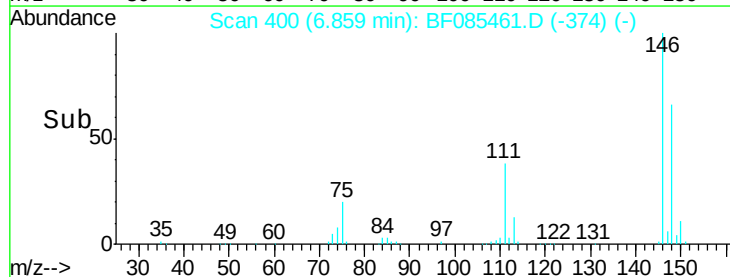
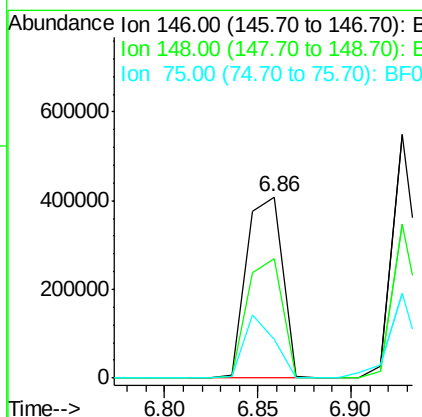
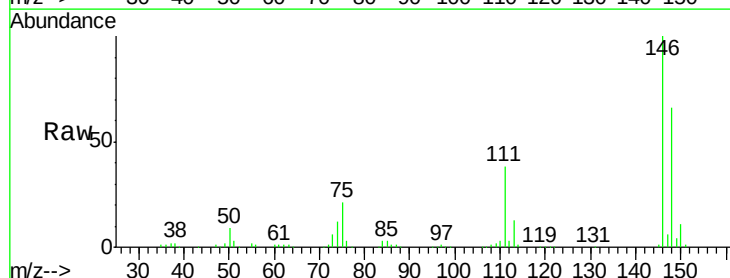
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

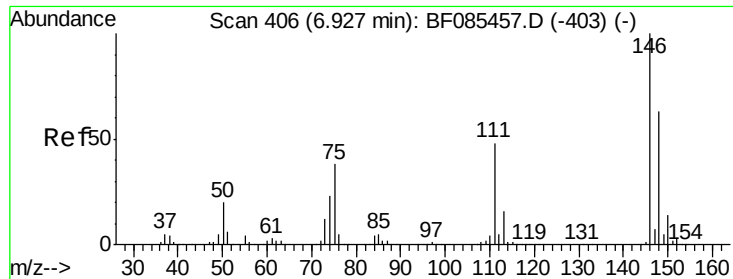
Tgt Ion:	93	Resp:	526559
Ion	Ratio	Lower	Upper
93	100		
63	68.0	50.9	90.9
95	33.2	13.7	53.7



#12
 1,3-Dichlorobenzene
 Concen: 39.38 ng
 RT: 6.86 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion:	146	Resp:	545462
Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.1	78.1
75	21.4	19.5	29.3

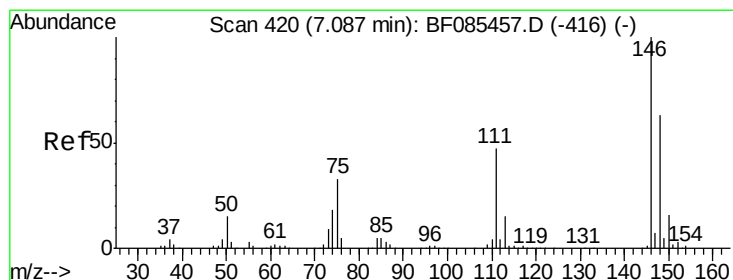
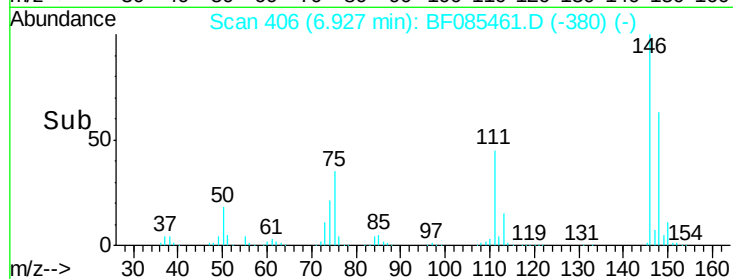
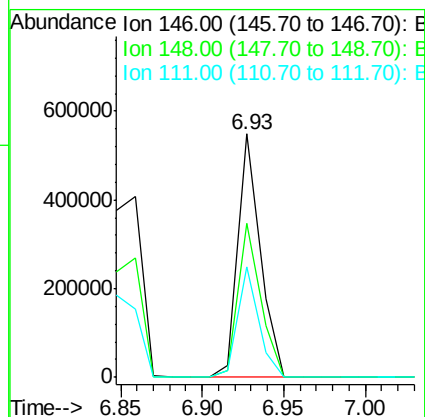
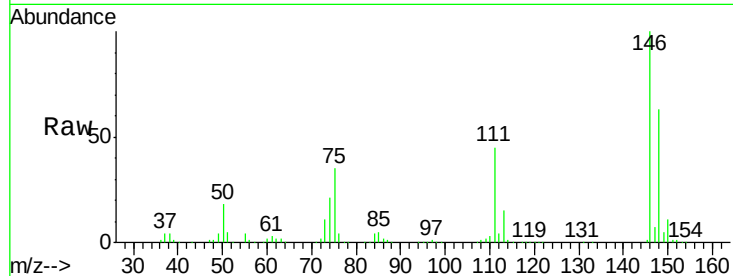




#13
 1,4-Dichlorobenzene
 Concen: 37.27 ng
 RT: 6.93 min Scan# 406
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

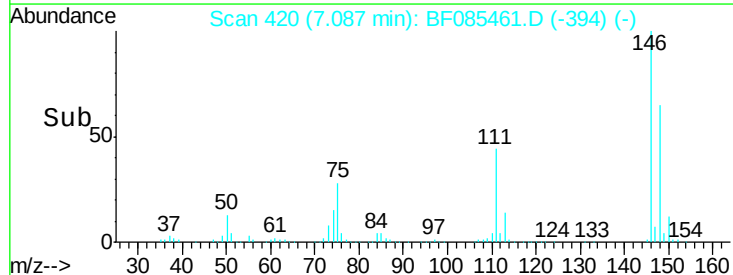
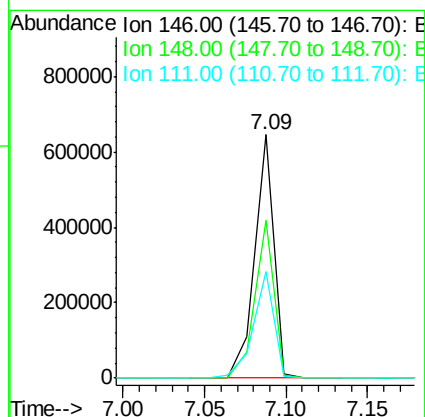
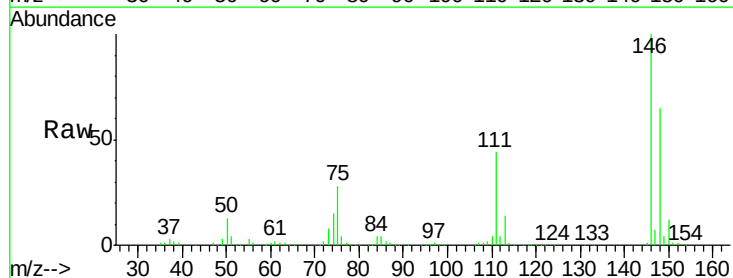
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

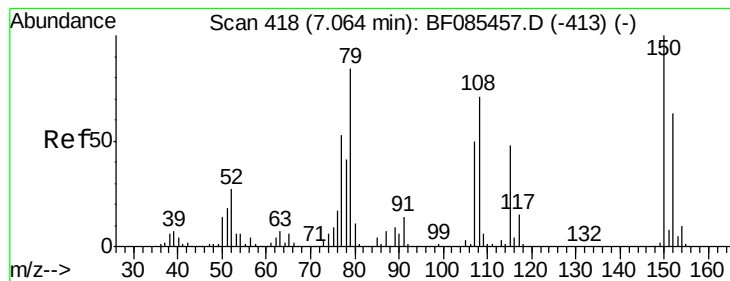
Tgt Ion:146 Resp: 517060
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.3 76.9
 111 45.5 38.4 57.6



#14
 1,2-Dichlorobenzene
 Concen: 43.25 ng
 RT: 7.09 min Scan# 420
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion:146 Resp: 526549
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.4 77.2
 111 43.8 36.7 55.1





#15

Benzyl Alcohol

Concen: 41.41 ng

RT: 7.05 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

ICVBF031516

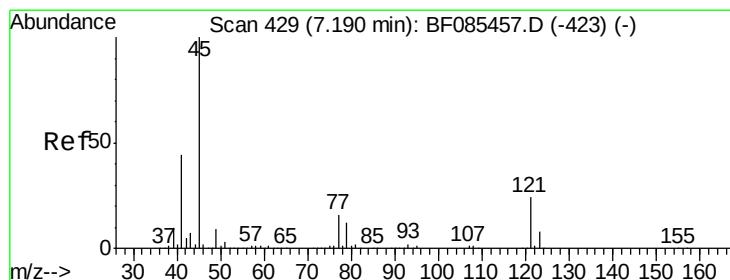
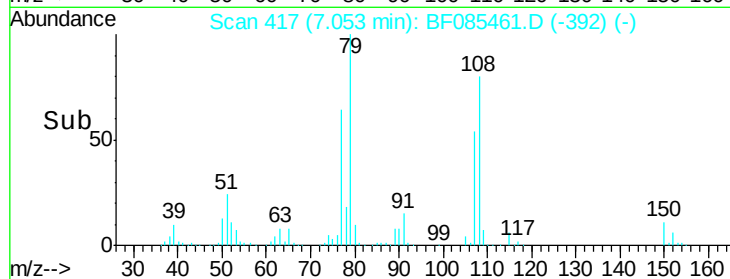
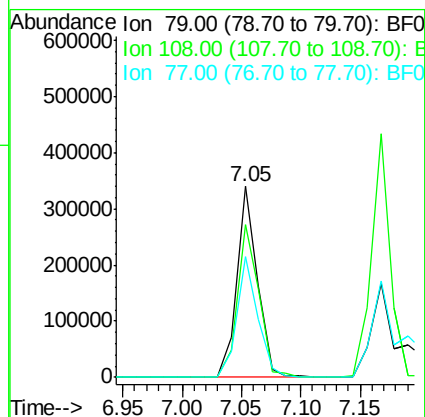
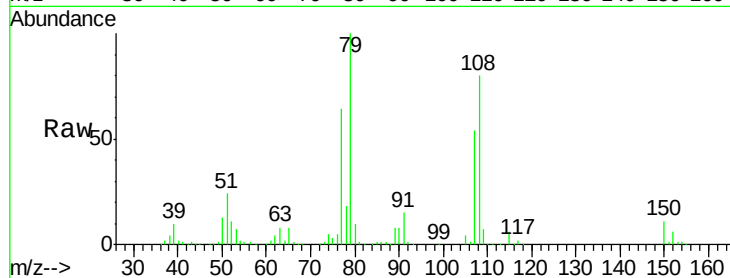
Tgt Ion: 79 Resp: 408853

Ion Ratio Lower Upper

79 100

108 79.9 62.9 94.3

77 63.6 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.47 ng

RT: 7.19 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

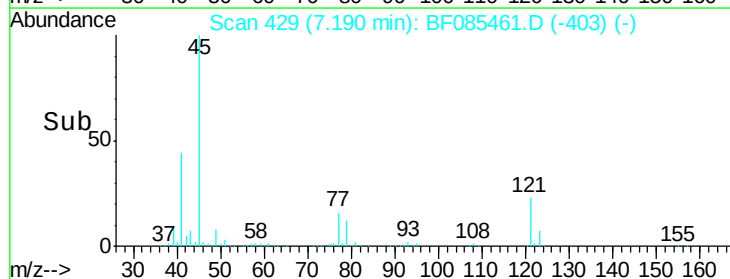
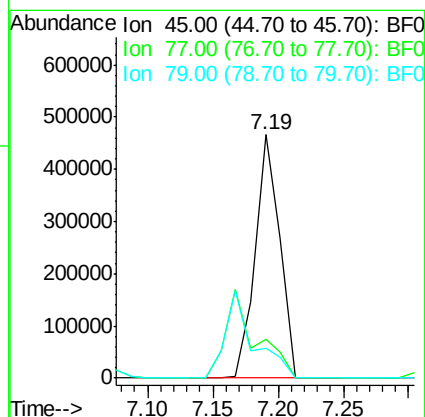
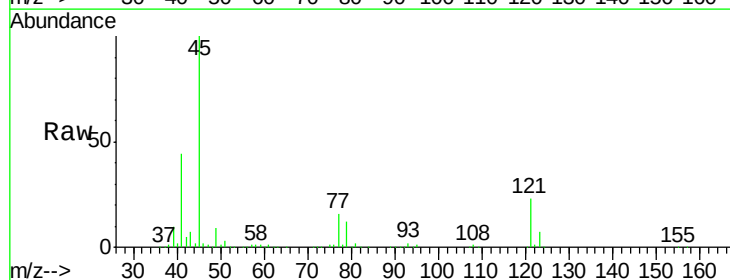
Tgt Ion: 45 Resp: 608028

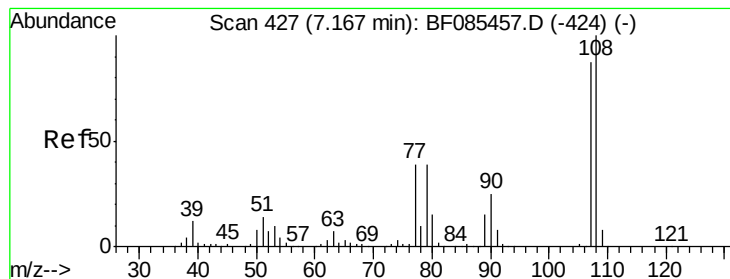
Ion Ratio Lower Upper

45 100

77 15.8 0.0 35.1

79 12.1 0.0 31.3





#17

2-Methylphenol

Concen: 39.22 ng

RT: 7.17 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

ICVBF031516

Tgt Ion:107 Resp: 410346

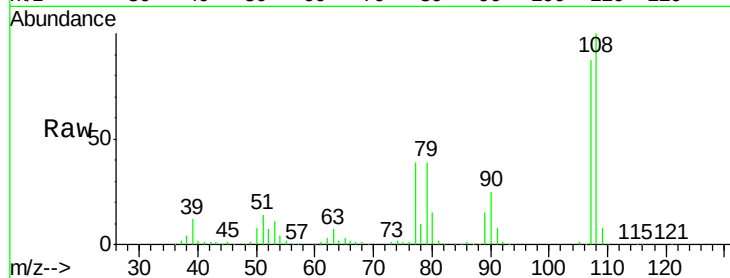
Ion Ratio Lower Upper

107 100

108 115.5 90.9 136.3

77 45.5 32.6 48.8

79 44.7 32.8 49.2

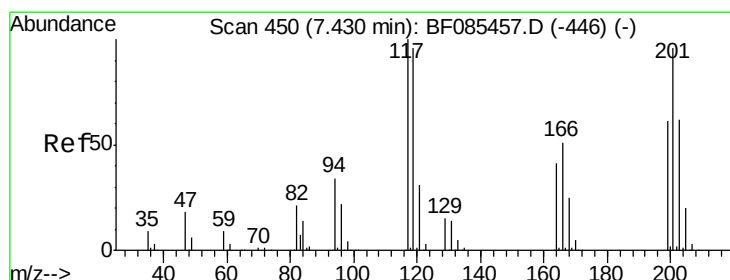
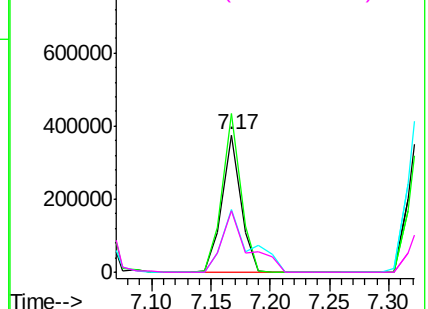
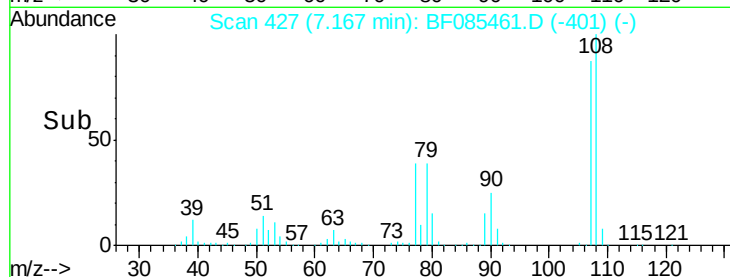


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.10 ng

RT: 7.43 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

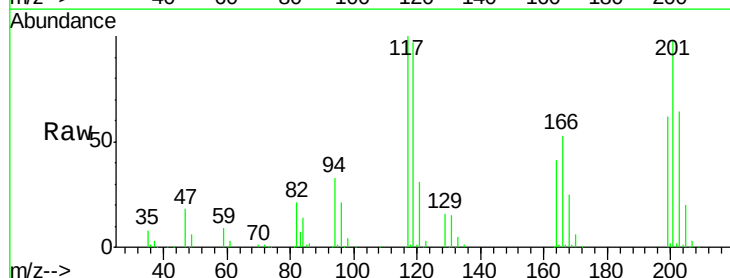
Tgt Ion:117 Resp: 209147

Ion Ratio Lower Upper

117 100

119 97.5 78.2 117.4

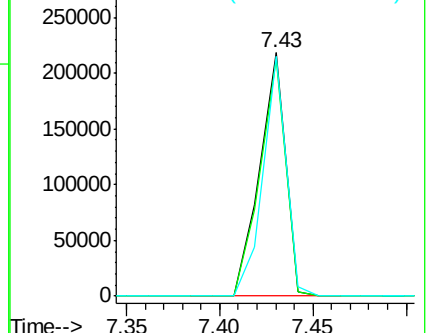
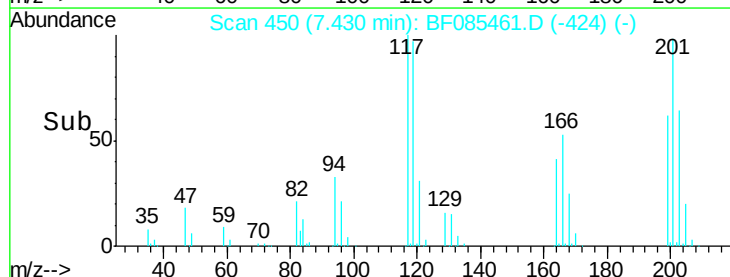
201 98.3 72.0 108.0

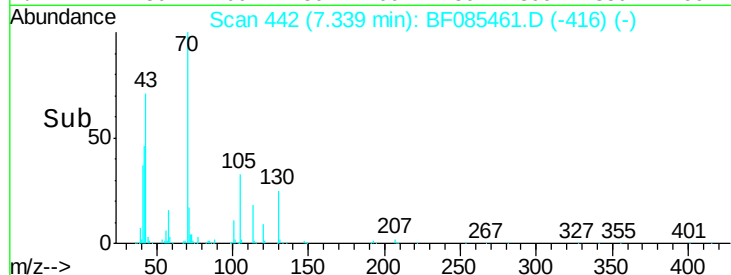
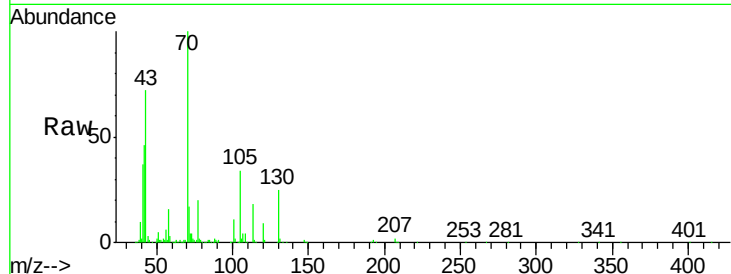
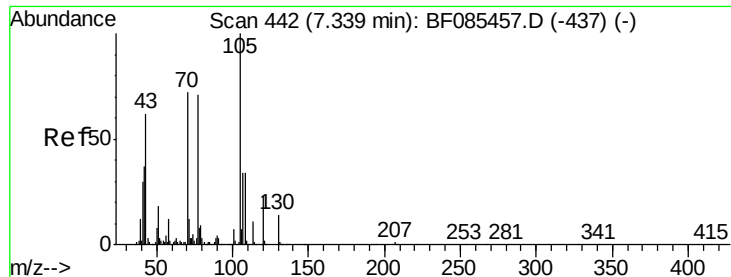


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

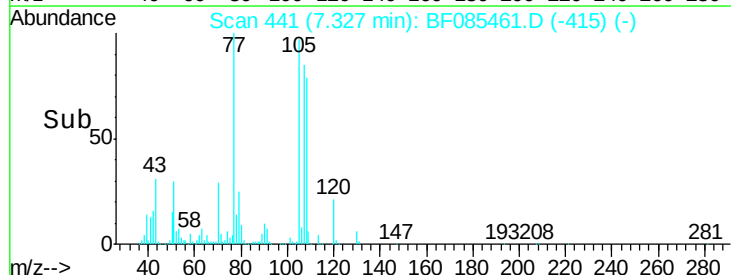
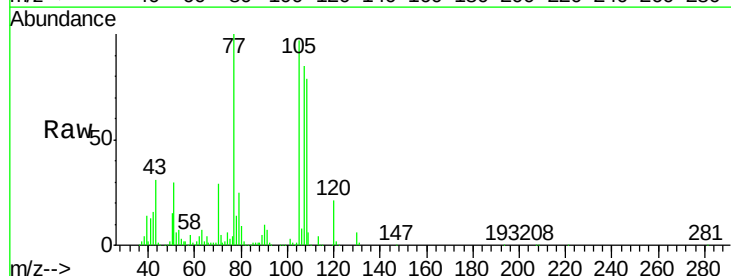
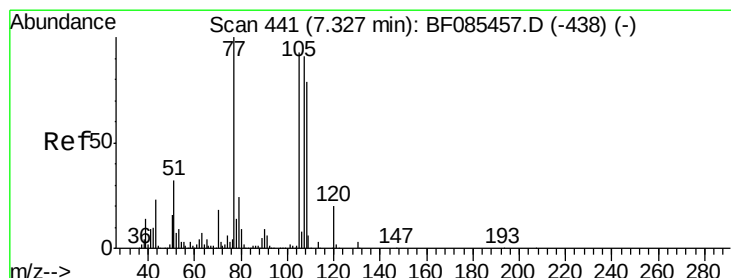
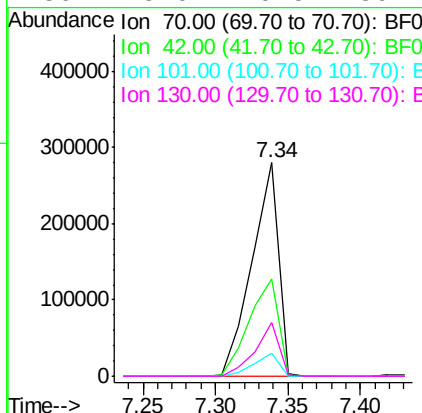




#19
n-Nitroso-di-n-propylamine
Concen: 43.06 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

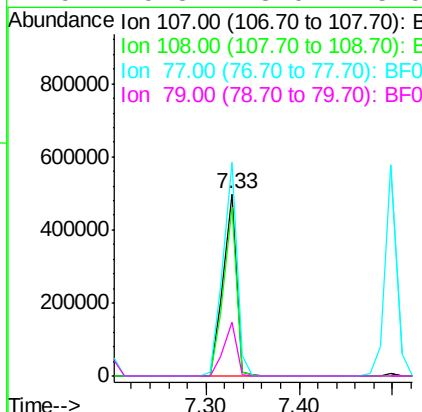
Instrument :
BNA_F
ClientSampleId :
ICVBF031516

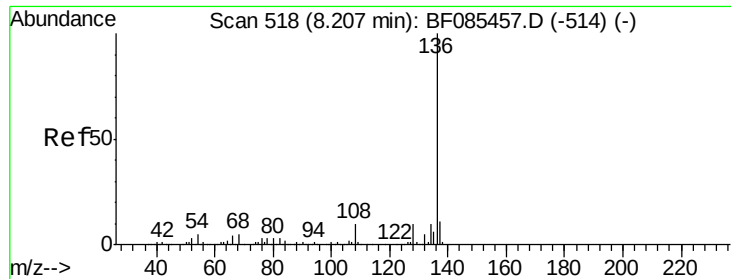
Tgt Ion: 70 Resp: 356468
Ion Ratio Lower Upper
70 100
42 45.5 37.7 56.5
101 10.8 8.2 12.4
130 25.0 20.5 30.7



#20
3+4-Methylphenols
Concen: 43.94 ng
RT: 7.33 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Tgt Ion: 107 Resp: 492820
Ion Ratio Lower Upper
107 100
108 93.1 68.8 108.8
77 117.3 53.6 93.6#
79 29.8 8.0 48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

ICVBF031516

Tgt Ion:136 Resp: 743413

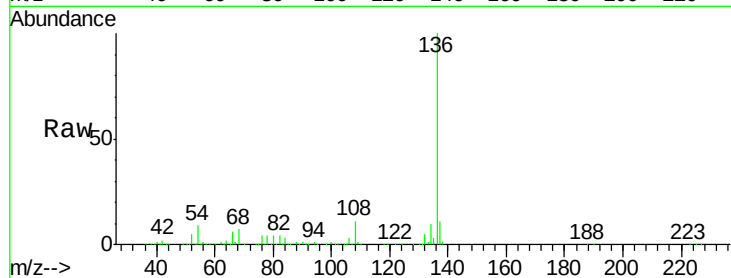
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 8.7 7.4 11.2

68 6.9 6.0 9.0

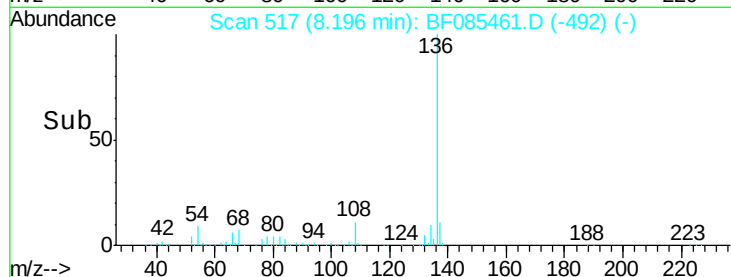


Abundance Ion 136.00 (135.70 to 136.70): E

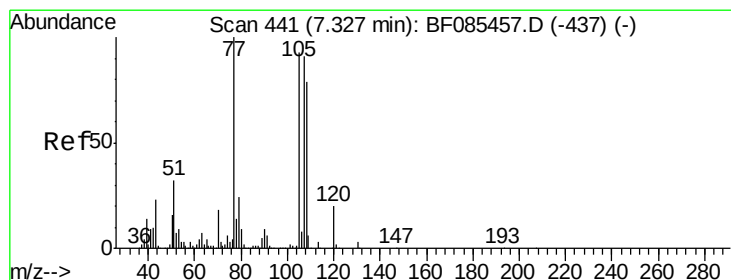
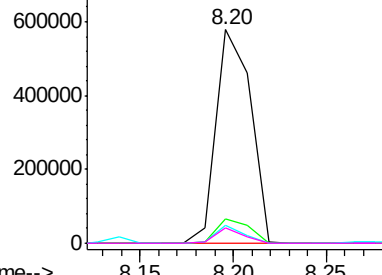
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 33.73 ng

RT: 7.33 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Tgt Ion:105 Resp: 614531

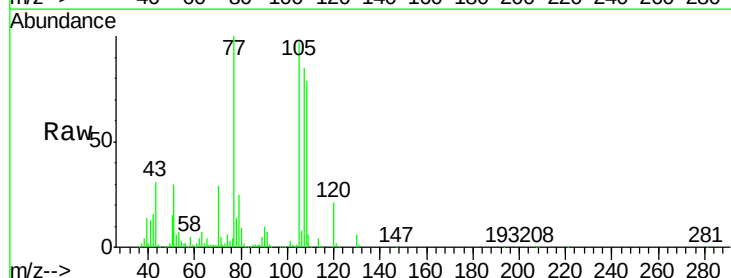
Ion Ratio Lower Upper

105 100

71 5.0 4.1 6.1

51 31.3 21.1 31.7

120 21.4 17.3 25.9

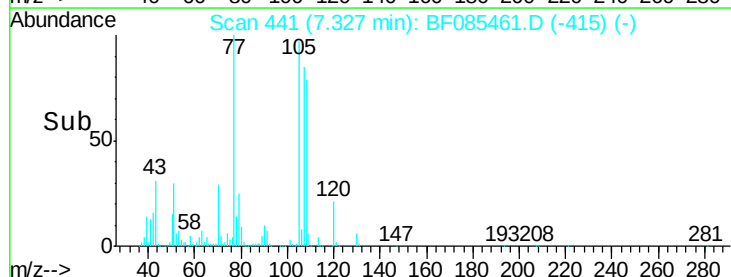


Abundance Ion 105.00 (104.70 to 105.70): E

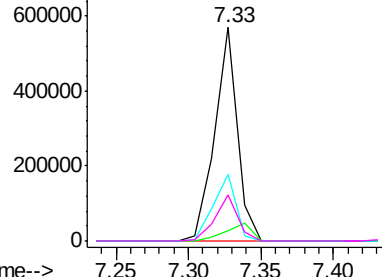
Ion 71.00 (70.70 to 71.70): BF0

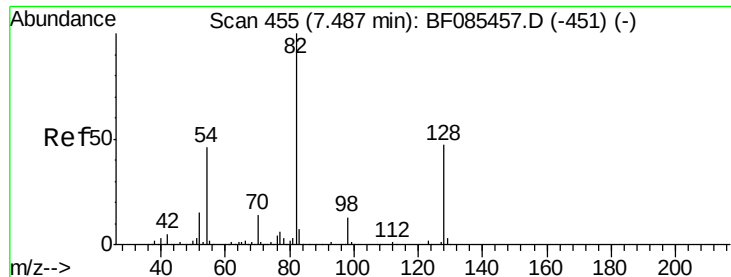
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

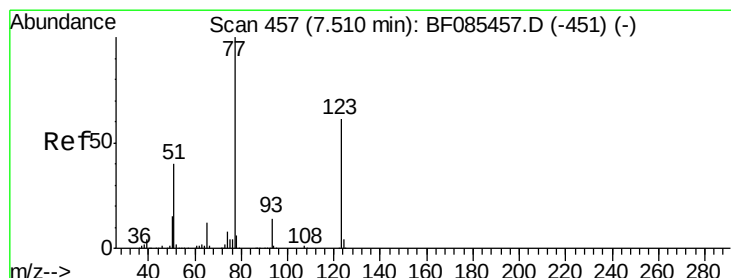
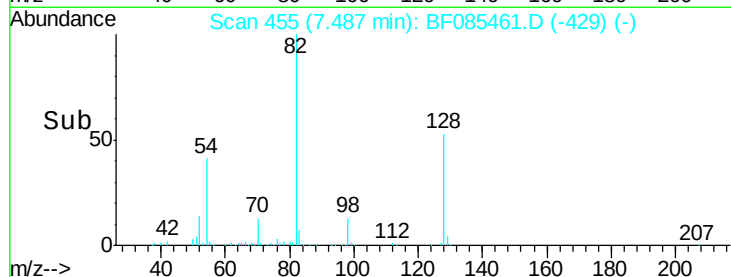
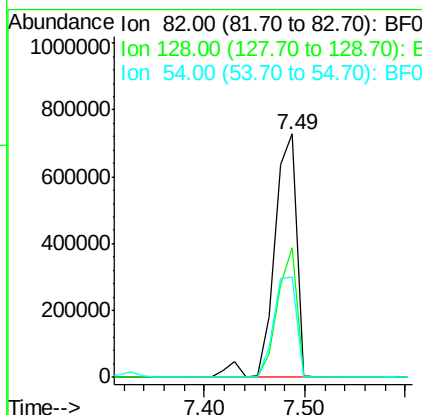
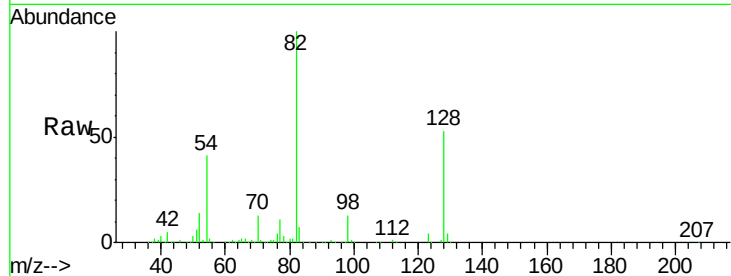




#23
 Nitrobenzene-d5
 Concen: 44.41 ng
 RT: 7.49 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

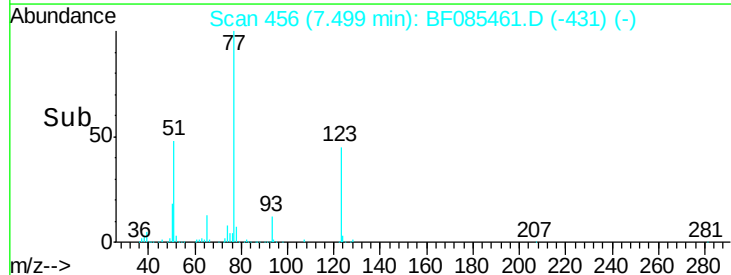
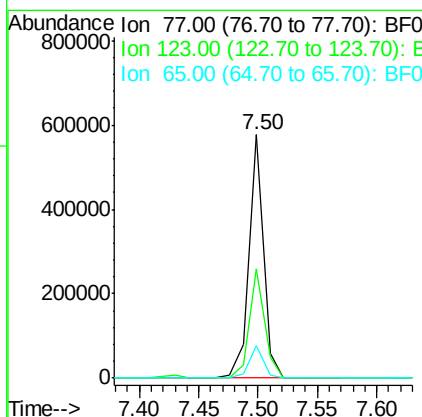
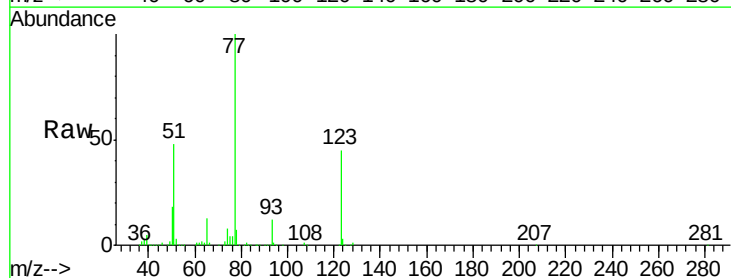
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

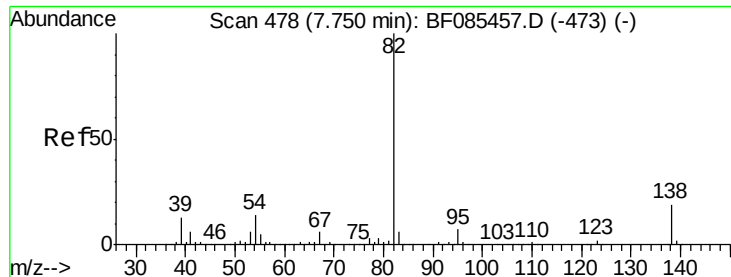
Tgt Ion: 82 Resp: 1116691
 Ion Ratio Lower Upper
 82 100
 128 53.0 34.5 51.7#
 54 41.3 39.3 58.9



#24
 Nitrobenzene
 Concen: 35.13 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion: 77 Resp: 497613
 Ion Ratio Lower Upper
 77 100
 123 44.9 35.4 53.2
 65 13.3 10.6 16.0





#25

Isophorone

Concen: 38.86 ng

RT: 7.74 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

ICVBF031516

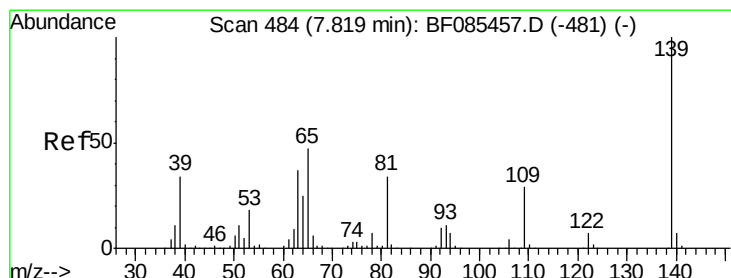
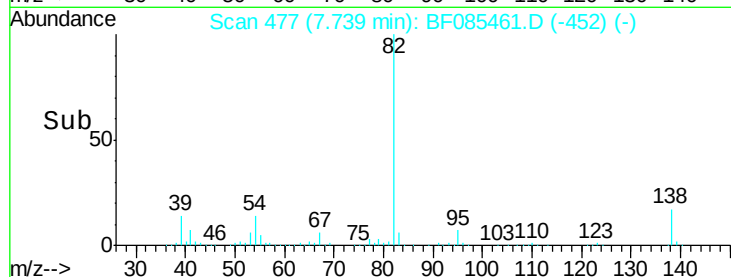
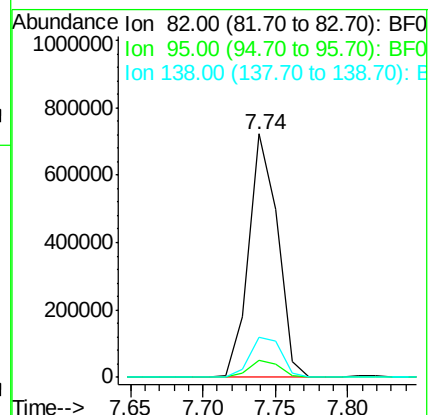
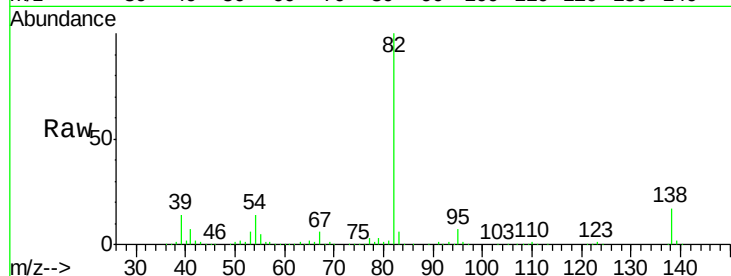
Tgt Ion: 82 Resp: 996310

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 16.7 13.3 19.9



#26

2-Nitrophenol

Concen: 44.19 ng

RT: 7.82 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

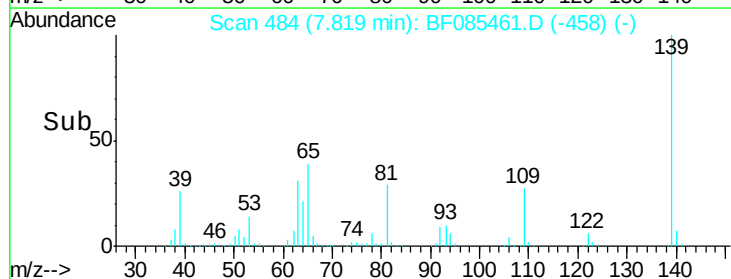
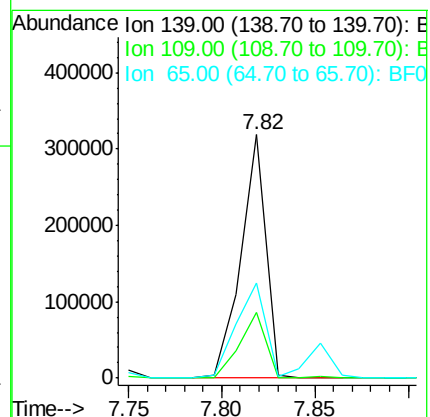
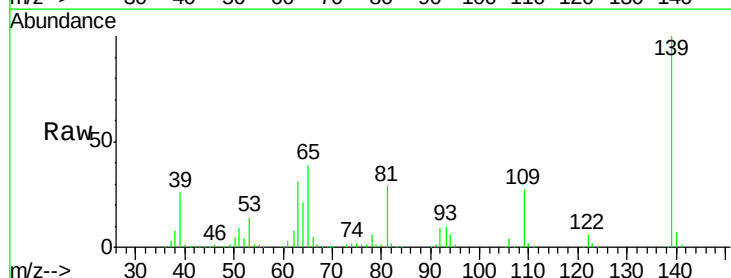
Tgt Ion: 139 Resp: 299929

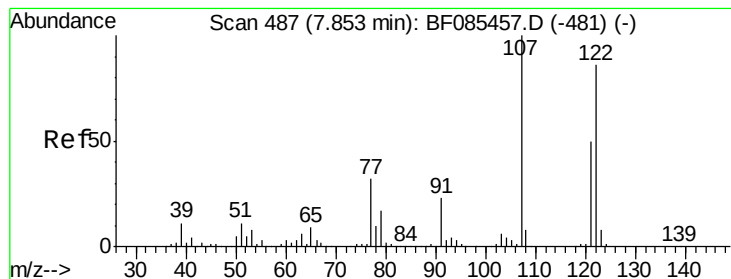
Ion Ratio Lower Upper

139 100

109 27.1 19.1 28.7

65 39.0 23.9 35.9#





#27

2,4-Dimethylphenol

Concen: 38.76 ng

RT: 7.85 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

ICVBF031516

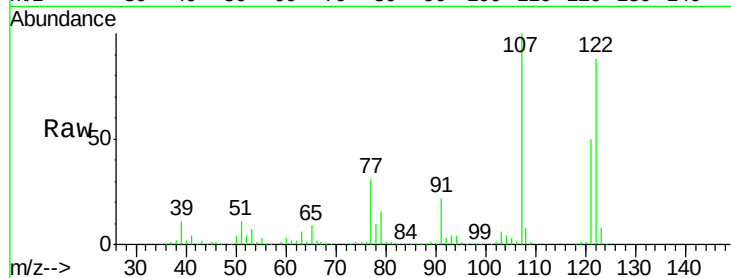
Tgt Ion:122 Resp: 467924

Ion Ratio Lower Upper

122 100

107 113.7 84.8 127.2

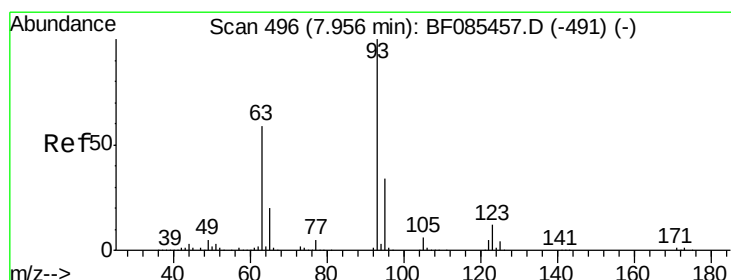
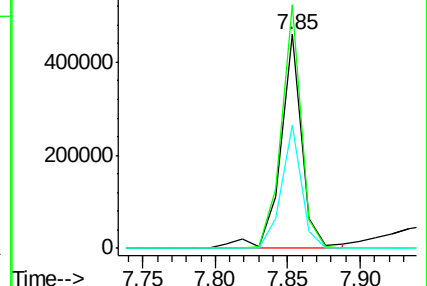
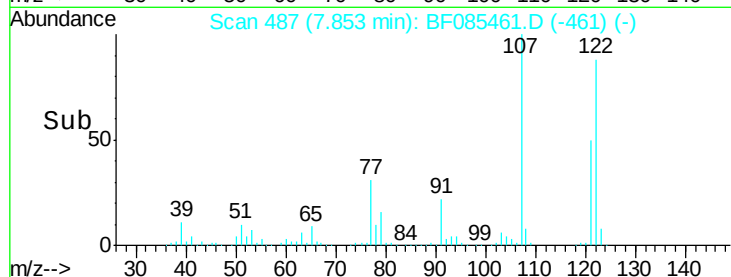
121 57.4 47.0 70.6



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: 39.43 ng

RT: 7.96 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

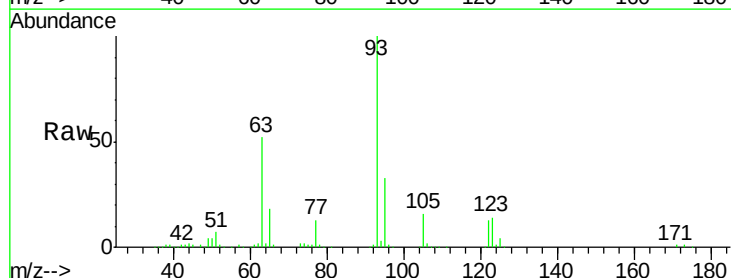
Tgt Ion: 93 Resp: 604448

Ion Ratio Lower Upper

93 100

95 33.4 25.9 38.9

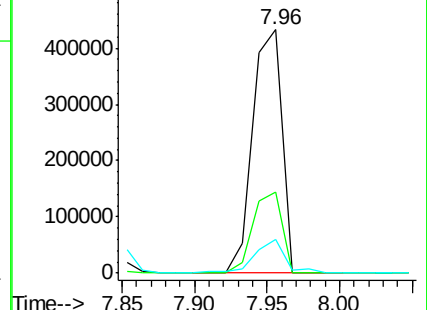
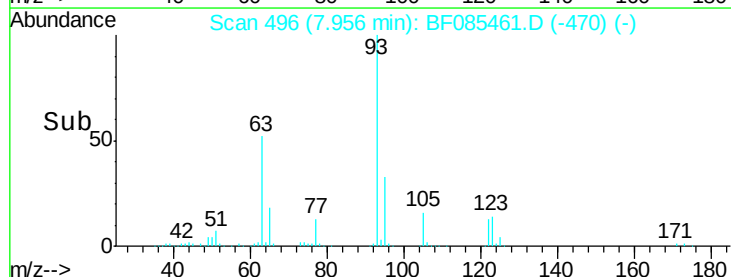
123 13.8 8.8 13.2#

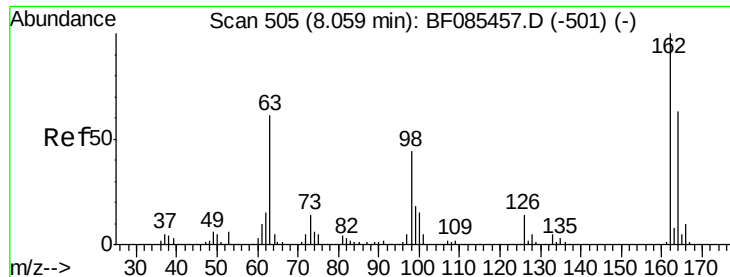


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

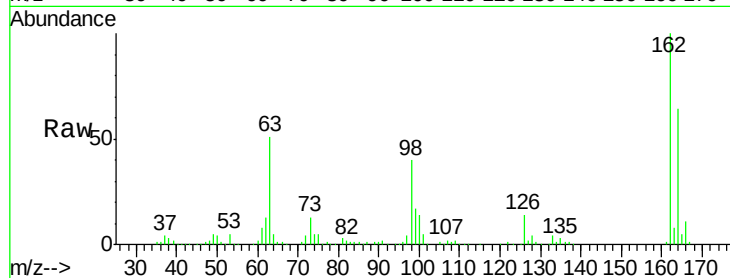




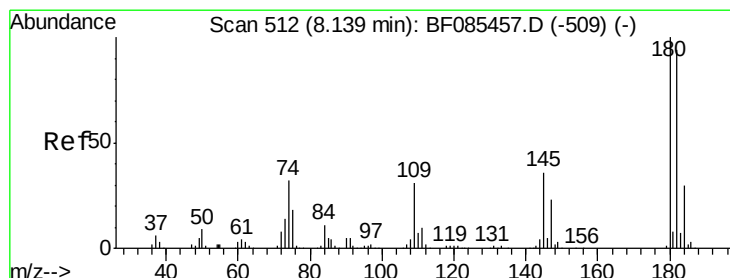
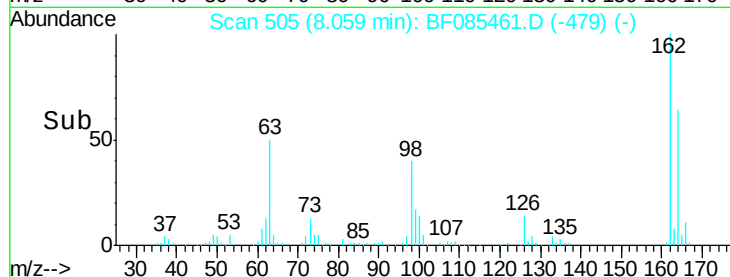
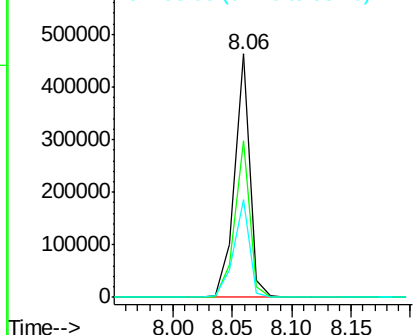
#29
 2,4-Dichlorophenol
 Concen: 42.19 ng
 RT: 8.06 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Tgt Ion:162 Resp: 413164
 Ion Ratio Lower Upper
 162 100
 164 64.3 45.7 85.7
 98 40.0 9.4 49.4

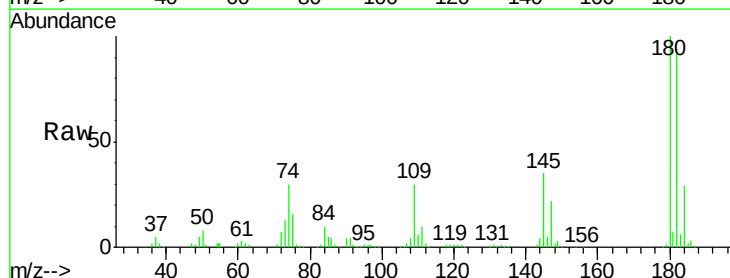


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

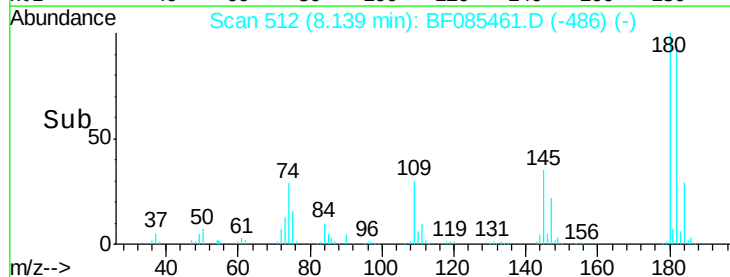
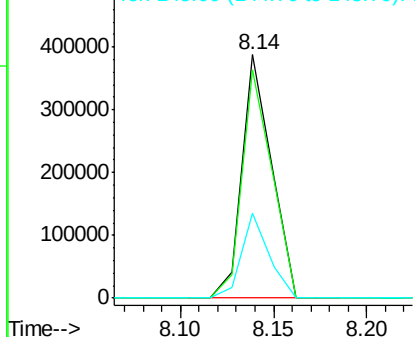


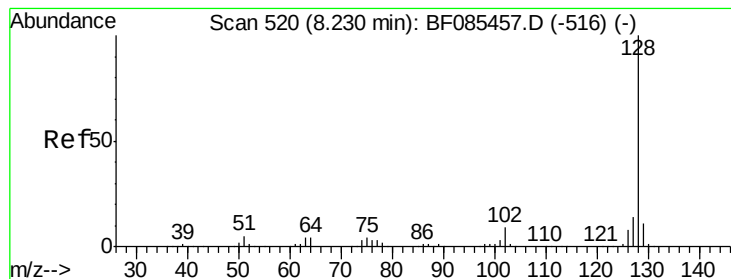
#30
 1,2,4-Trichlorobenzene
 Concen: 37.55 ng
 RT: 8.14 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion:180 Resp: 424882
 Ion Ratio Lower Upper
 180 100
 182 93.6 74.9 112.3
 145 34.9 27.9 41.9



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: 37.46 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

ICVBF031516

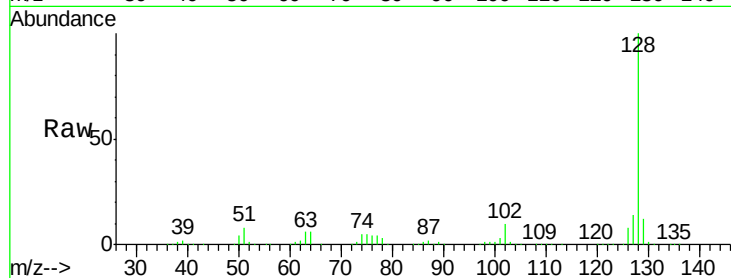
Tgt Ion:128 Resp: 1360680

Ion Ratio Lower Upper

128 100

129 11.9 9.7 14.5

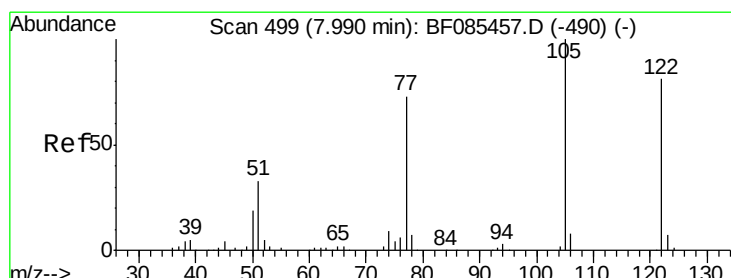
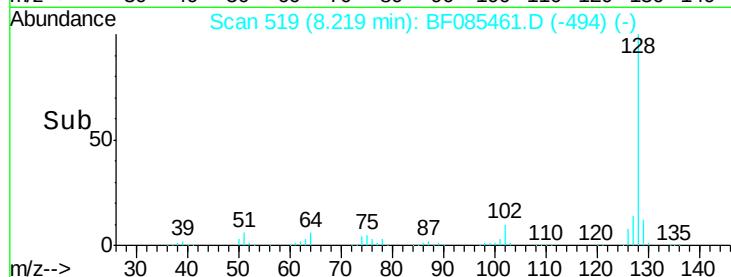
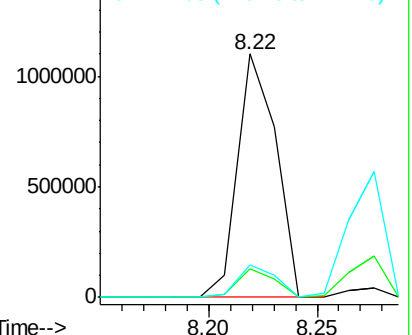
127 13.5 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.13 ng

RT: 7.98 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

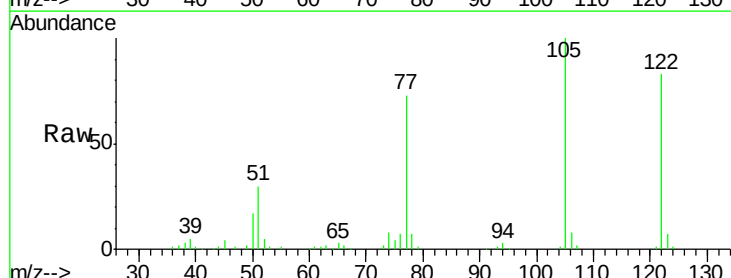
Tgt Ion:122 Resp: 264688

Ion Ratio Lower Upper

122 100

105 119.9 101.3 141.3

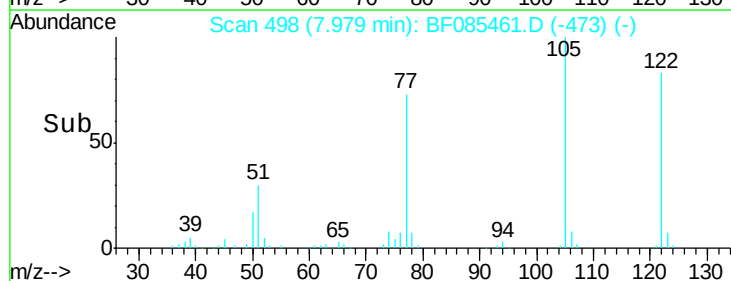
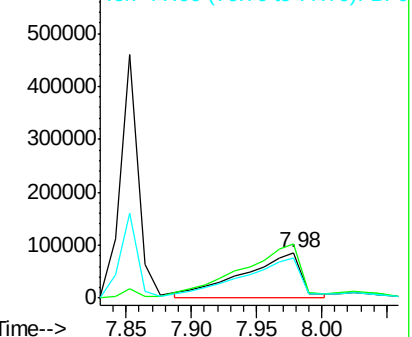
77 87.8 74.7 114.7

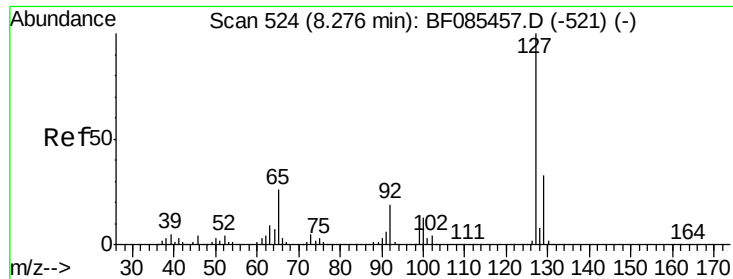


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

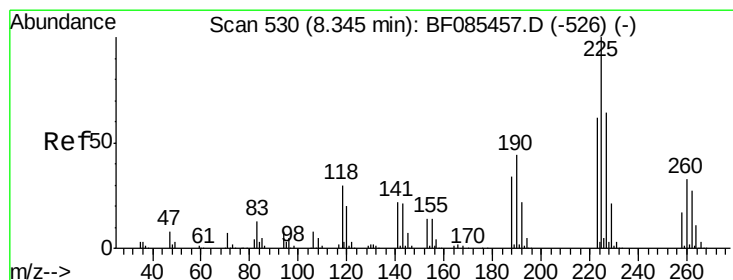
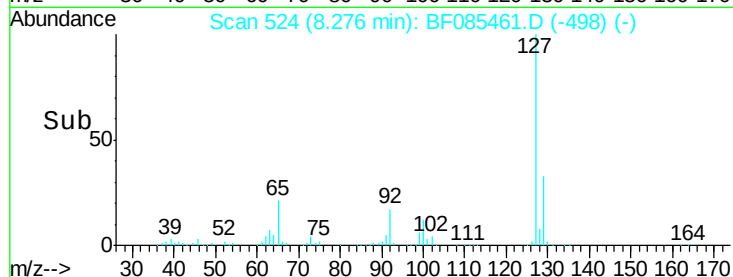
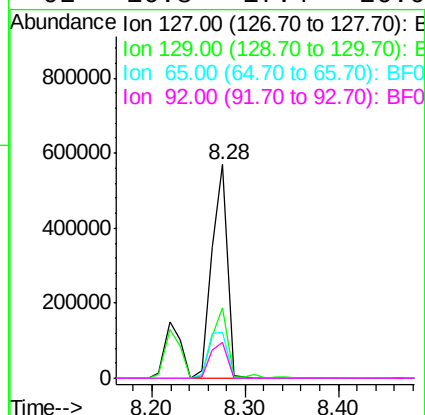
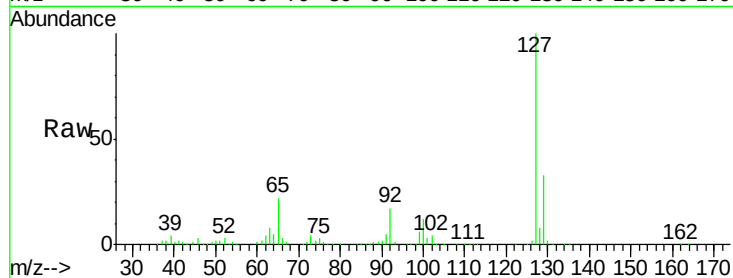




#33
 4-Chloroaniline
 Concen: 41.95 ng
 RT: 8.28 min Scan# 524
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

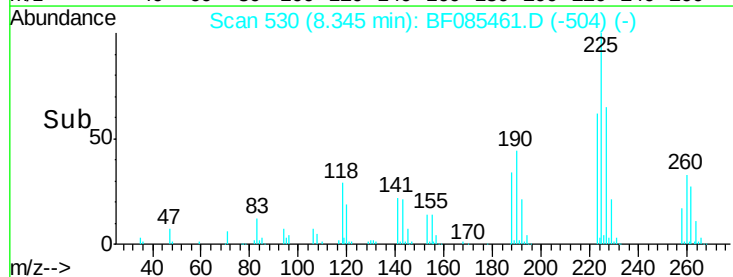
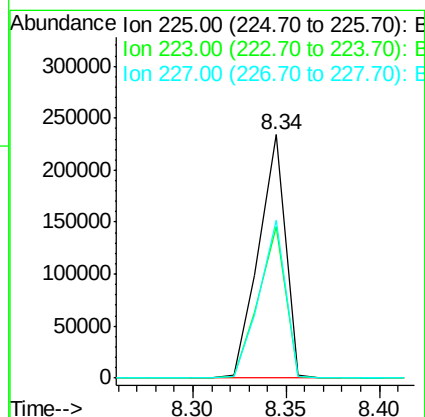
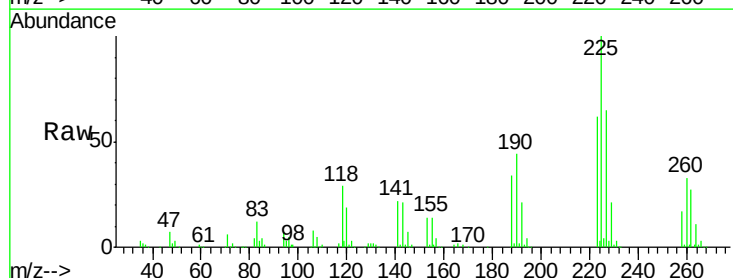
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

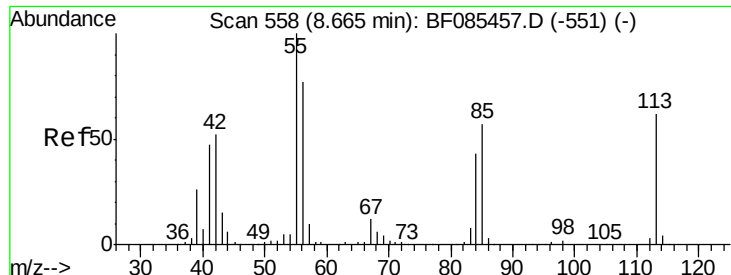
Tgt Ion:	127	Resp:	655462
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	21.7	27.0	40.6#
92	16.8	17.4	26.0#



#34
 Hexachlorobutadiene
 Concen: 39.22 ng
 RT: 8.34 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion:	225	Resp:	232011
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	65.1	52.2	78.4

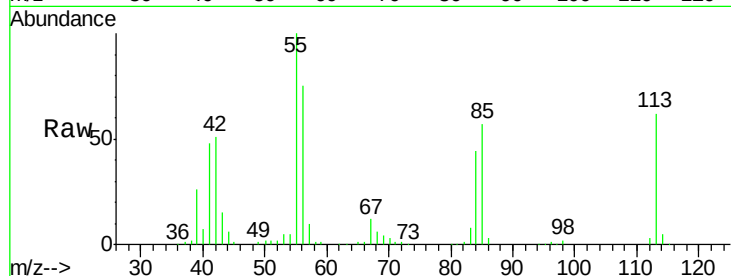




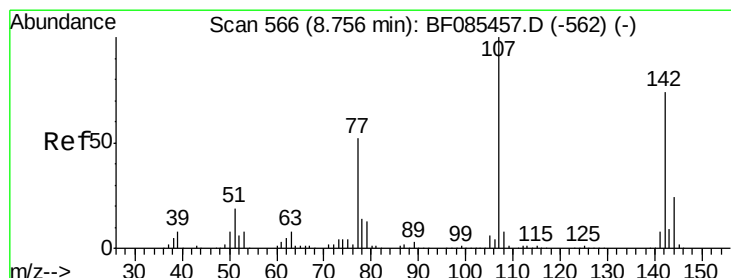
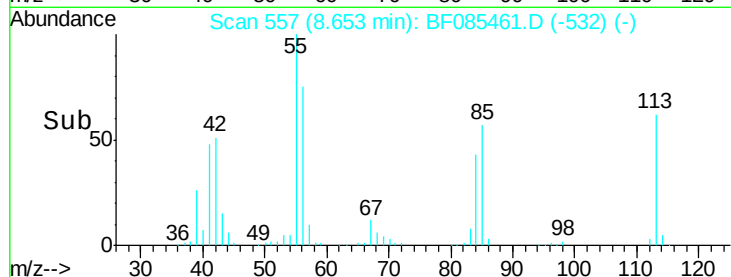
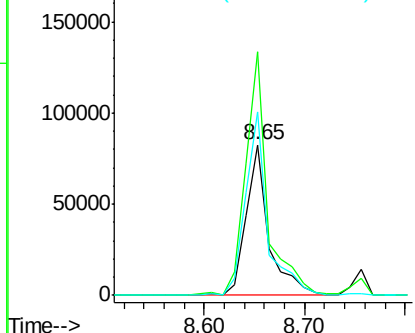
#35
 Caprolactam
 Concen: 40.46 ng
 RT: 8.65 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Tgt Ion:113 Resp: 129390
 Ion Ratio Lower Upper
 113 100
 55 161.9 152.7 192.7
 56 121.6 109.0 149.0

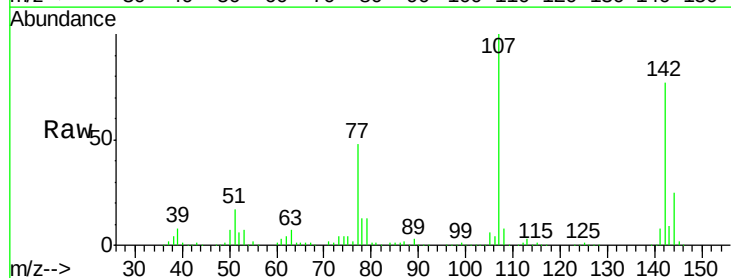


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

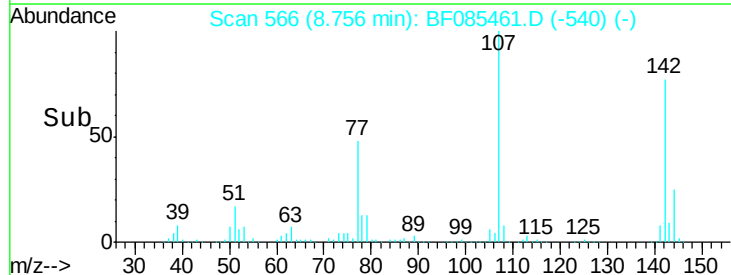
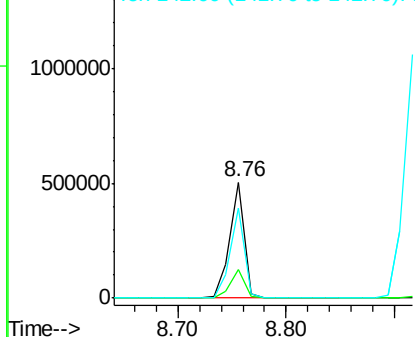


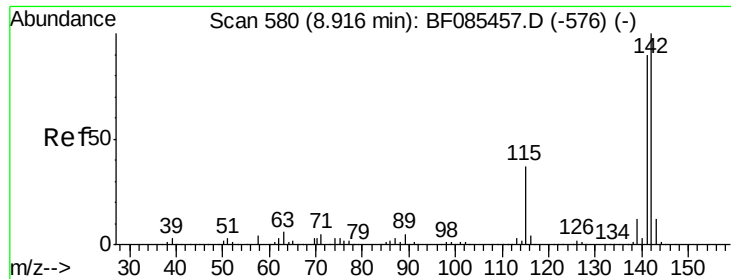
#36
 4-Chloro-3-methylphenol
 Concen: 41.69 ng
 RT: 8.76 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion:107 Resp: 466180
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.4 29.2
 142 77.3 59.4 89.2



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

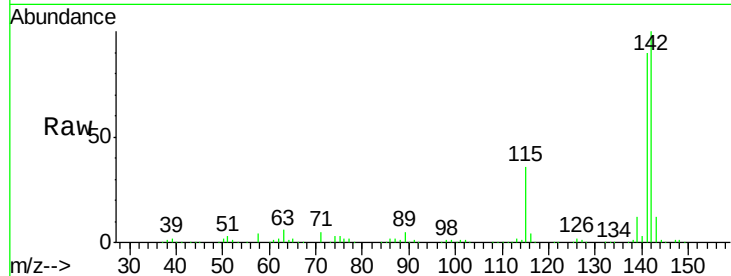




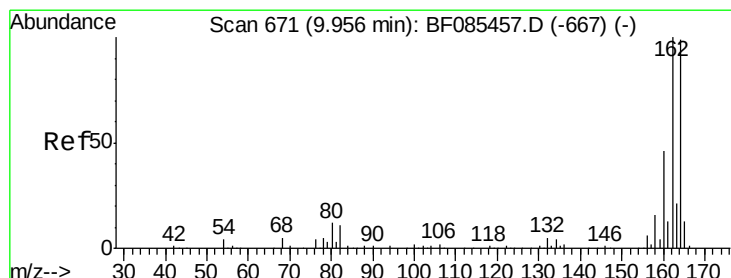
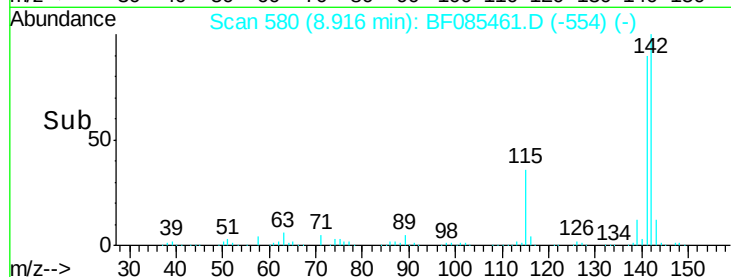
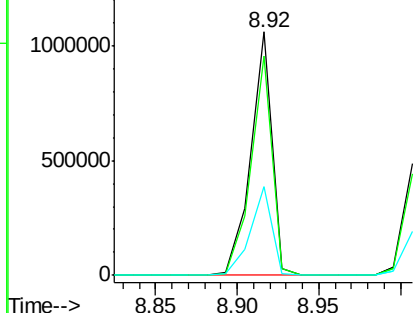
#37
 2-Methylnaphthalene
 Concen: 41.62 ng
 RT: 8.92 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.7	107.5
115	36.3	26.2	39.4

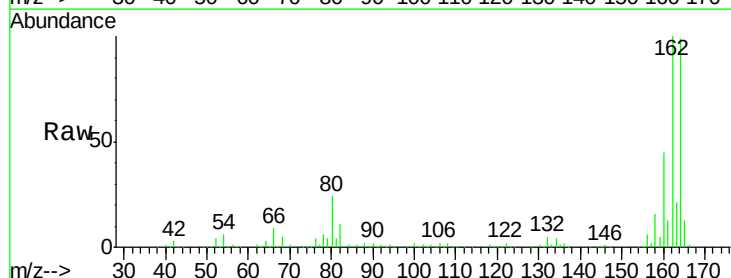


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

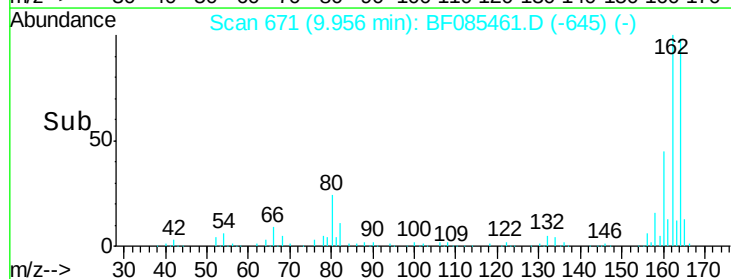
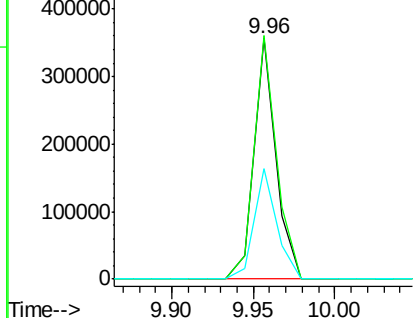


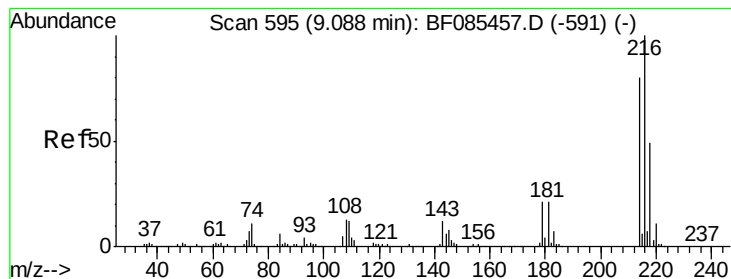
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.3	124.9
160	46.0	37.9	56.9



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: 38.72 ng

RT: 9.09 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

ICVBF031516

Tgt Ion:216 Resp: 400607

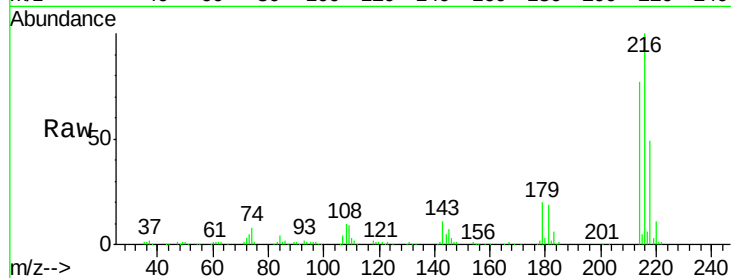
Ion Ratio Lower Upper

216 100

214 78.2 63.8 95.6

179 22.9 19.6 29.4

108 20.6 19.6 29.4

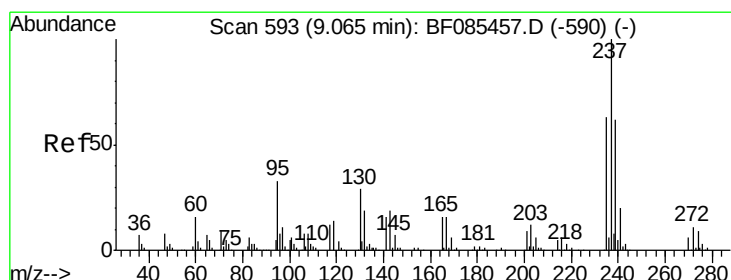
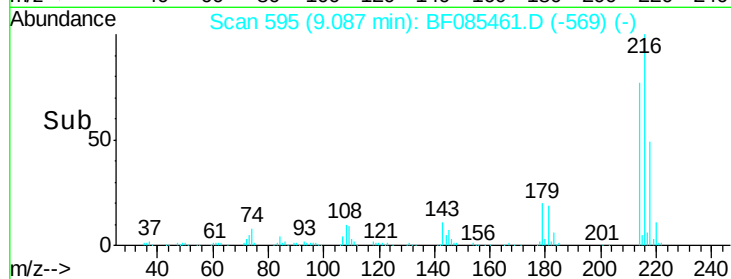
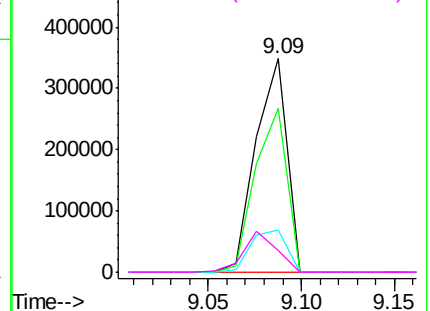


Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.02 ng

RT: 9.06 min Scan# 593

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

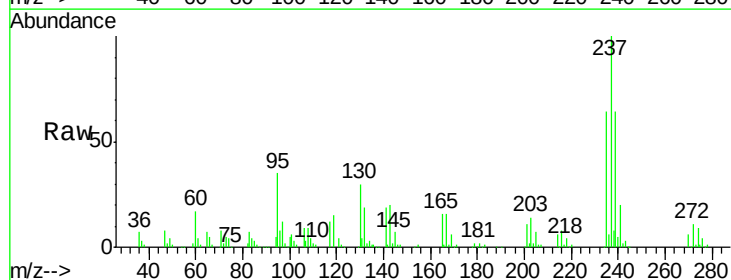
Tgt Ion:237 Resp: 215068

Ion Ratio Lower Upper

237 100

235 64.3 43.7 83.7

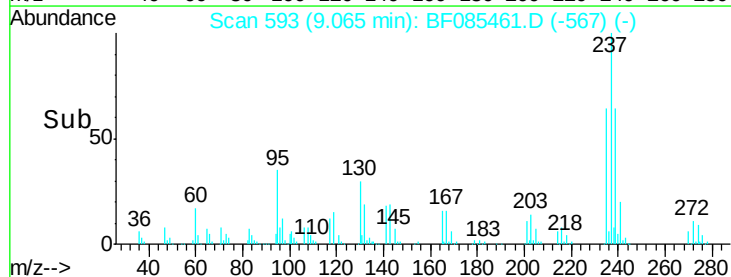
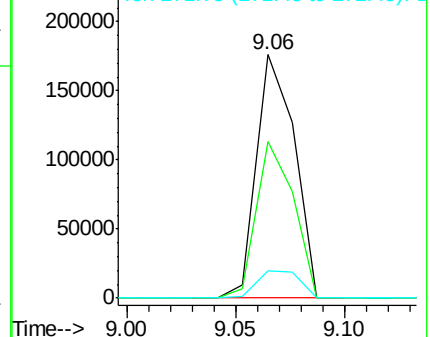
272 11.0 0.0 31.5

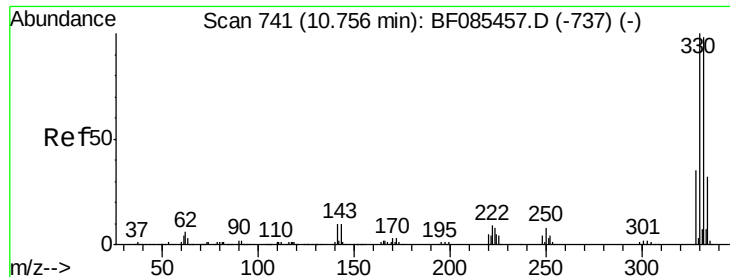


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

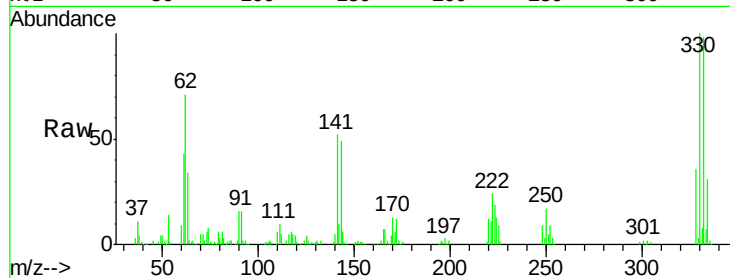




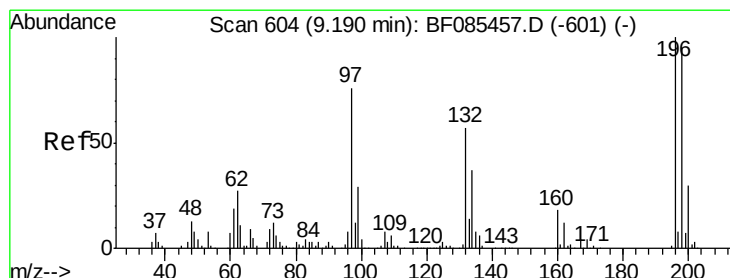
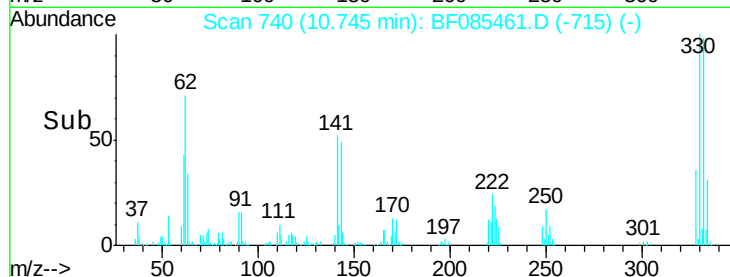
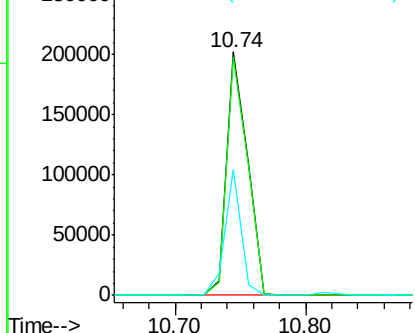
#41
 2,4,6-Tribromophenol
 Concen: 36.49 ng
 RT: 10.74 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Tgt Ion:330 Resp: 223602
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.1 115.7
 141 40.9 35.0 52.6

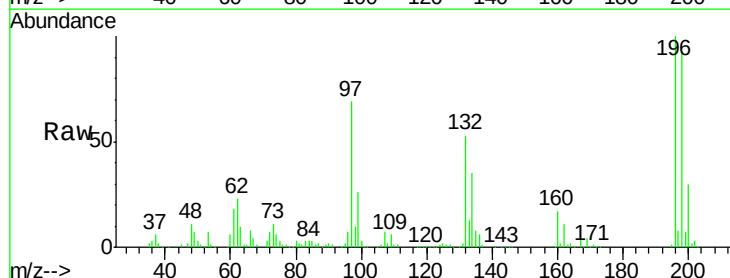


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

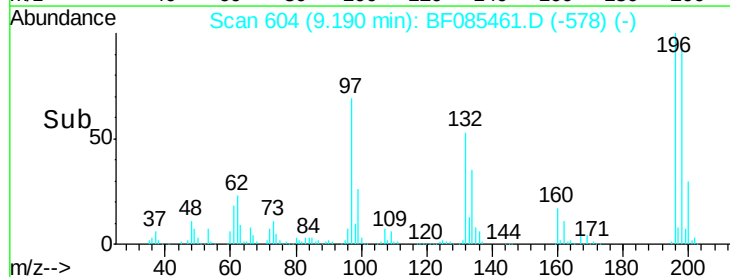
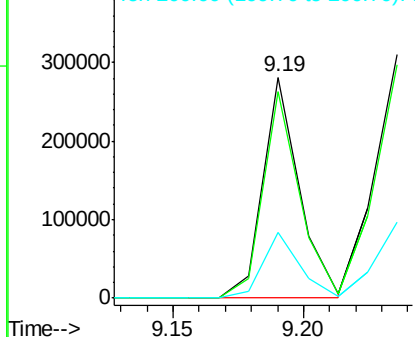


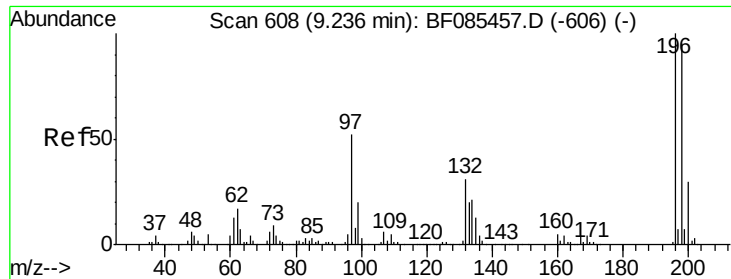
#42
 2,4,6-Trichlorophenol
 Concen: 39.61 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion:196 Resp: 270635
 Ion Ratio Lower Upper
 196 100
 198 93.4 77.8 116.6
 200 29.6 25.0 37.6



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

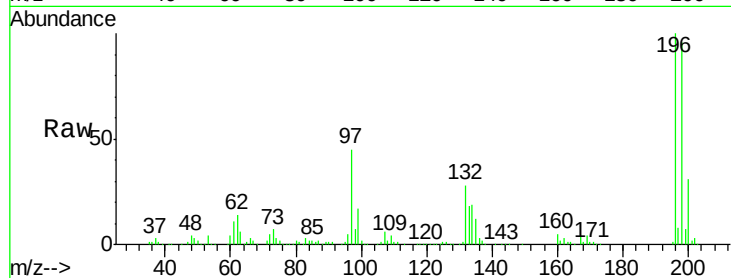




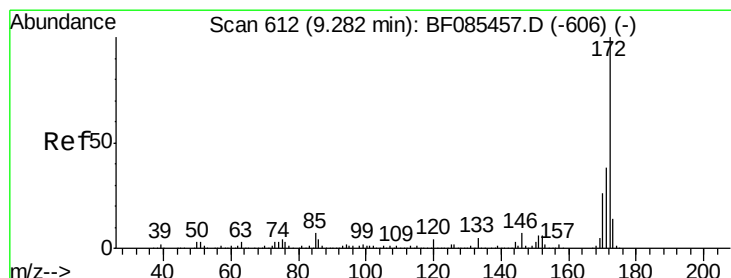
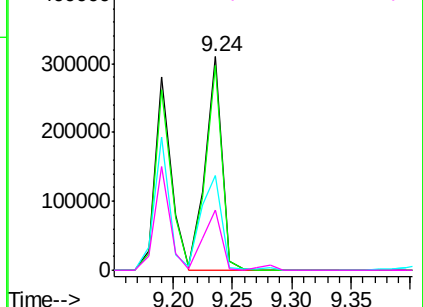
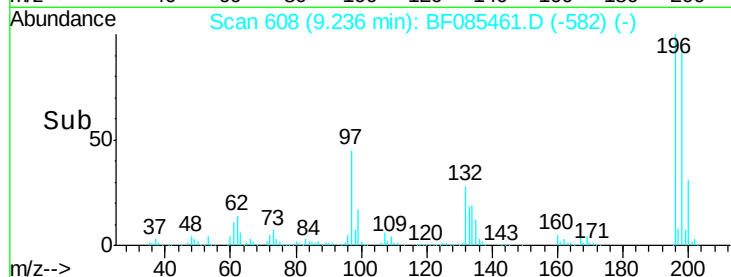
#43
 2,4,5-Trichlorophenol
 Concen: 43.85 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Tgt Ion:196 Resp: 302631
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.7 113.5
 97 44.6 46.4 69.6#
 132 28.2 26.2 39.4

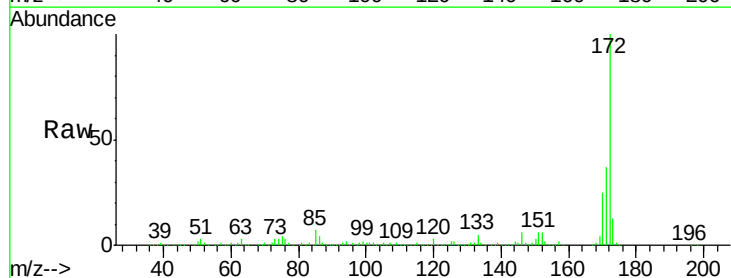


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

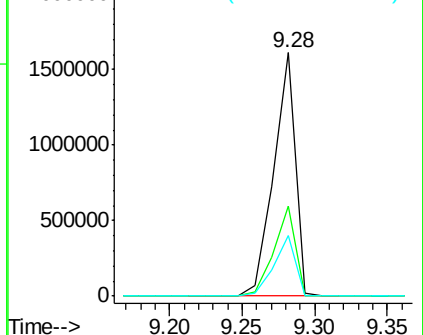
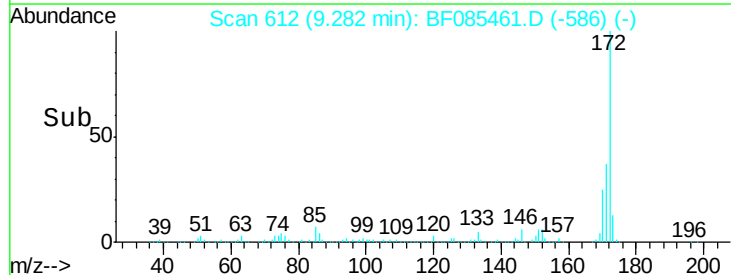


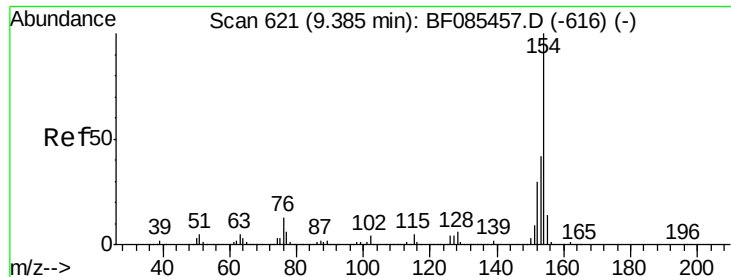
#44
 2-Fluorobiphenyl
 Concen: 43.45 ng
 RT: 9.28 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion:172 Resp: 1665978
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.3 43.9
 170 25.0 20.0 30.0



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

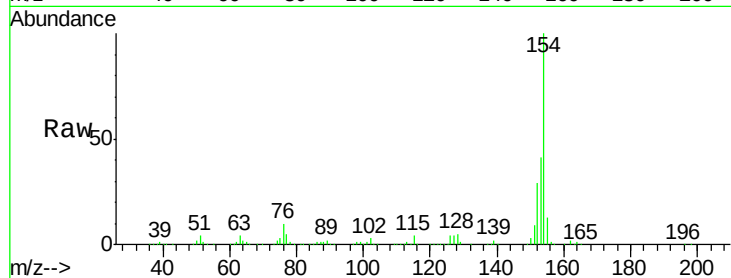




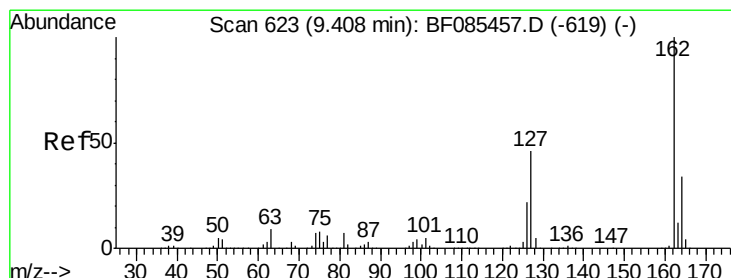
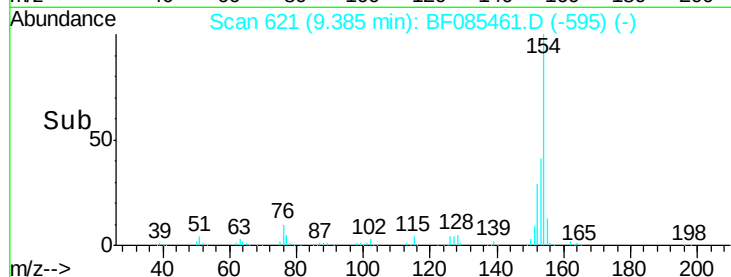
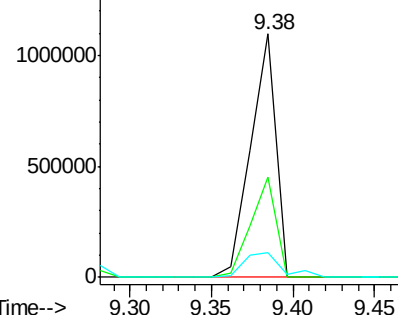
#45
 1,1'-Biphenyl
 Concen: 43.48 ng
 RT: 9.38 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Tgt Ion:154 Resp: 1180435
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.4 61.4
 76 10.2 0.0 37.5

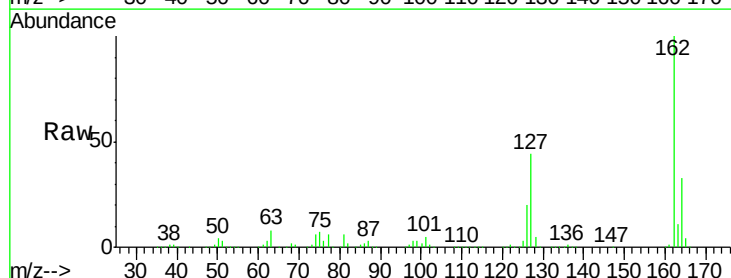


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

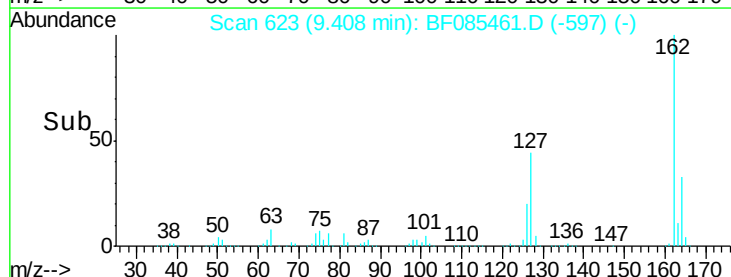
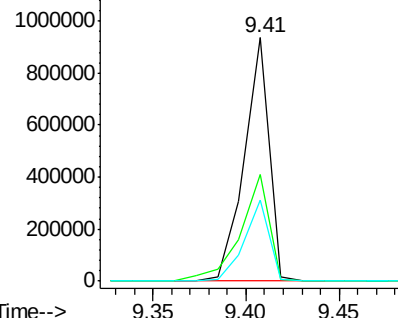


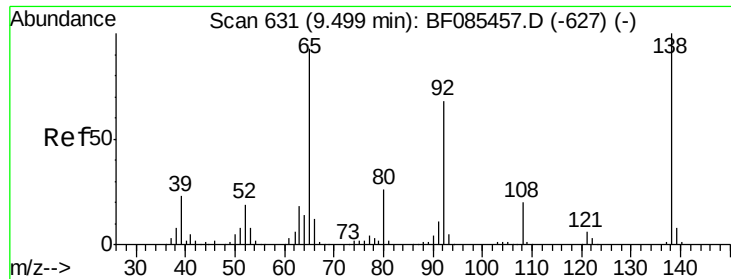
#46
 2-Chloronaphthalene
 Concen: 43.04 ng
 RT: 9.41 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion:162 Resp: 875445
 Ion Ratio Lower Upper
 162 100
 127 44.0 31.6 47.4
 164 33.4 27.1 40.7



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

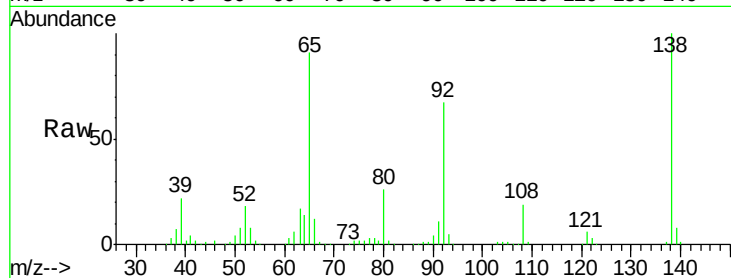




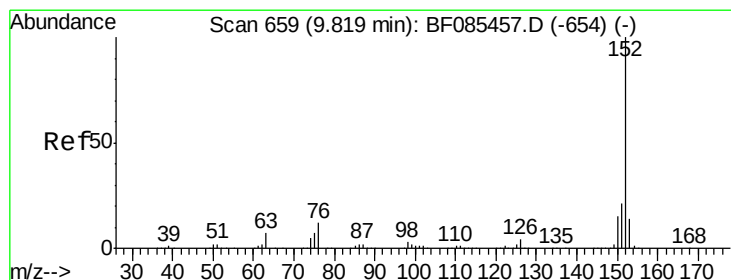
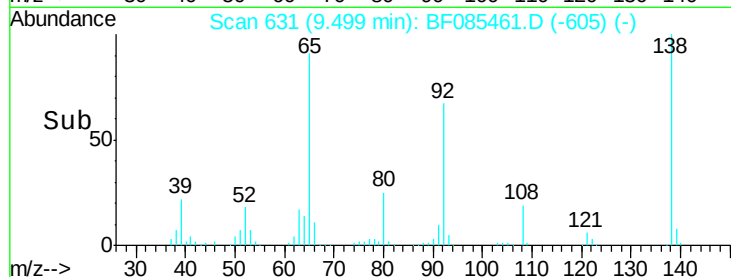
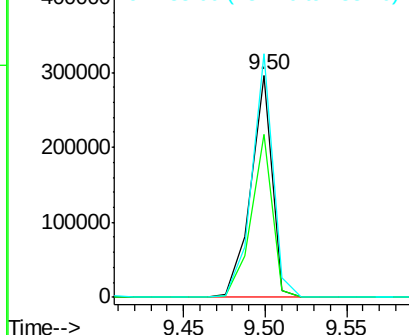
#47
2-Nitroaniline
Concen: 43.36 ng
RT: 9.50 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Instrument :
BNA_F
ClientSampleId :
ICVBF031516

Tgt Ion: 65 Resp: 267085
Ion Ratio Lower Upper
65 100
92 73.5 55.4 83.2
138 109.7 75.7 113.5

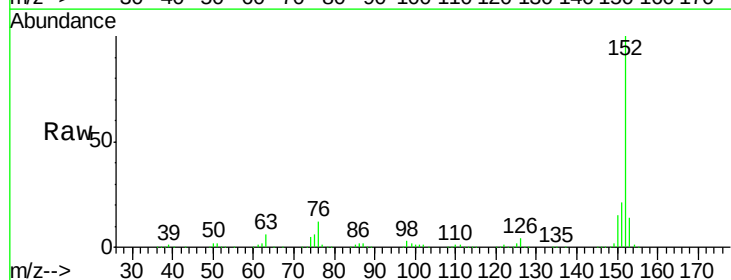


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

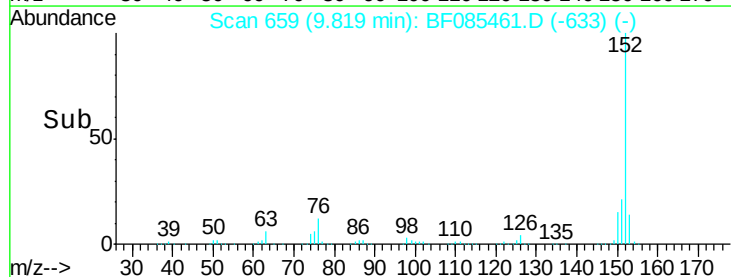
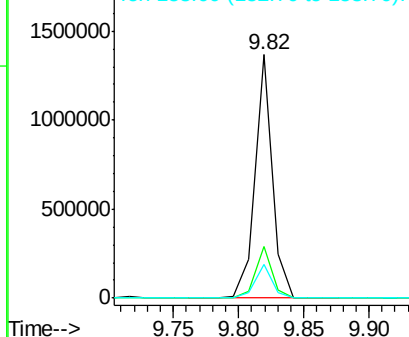


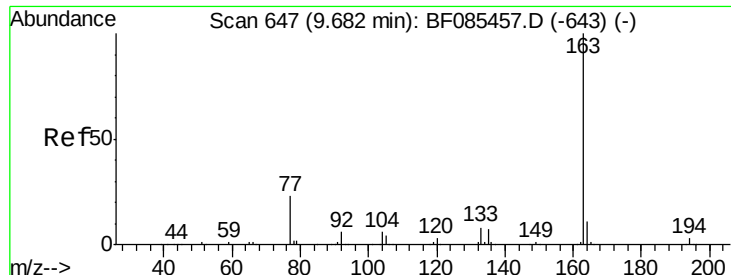
#48
Acenaphthylene
Concen: 38.28 ng
RT: 9.82 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Tgt Ion: 152 Resp: 1259730
Ion Ratio Lower Upper
152 100
151 21.2 17.5 26.3
153 13.9 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

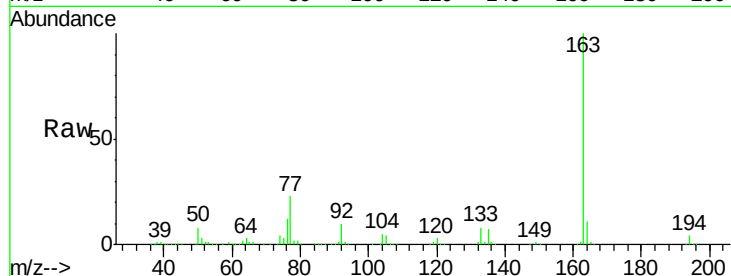




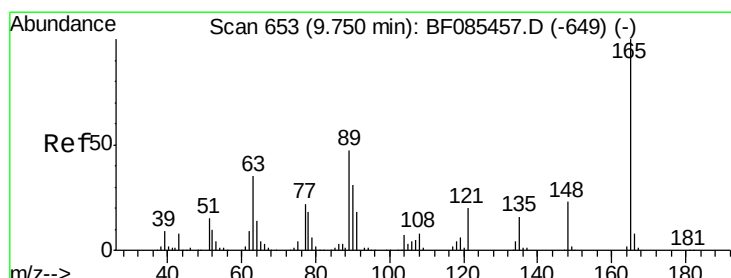
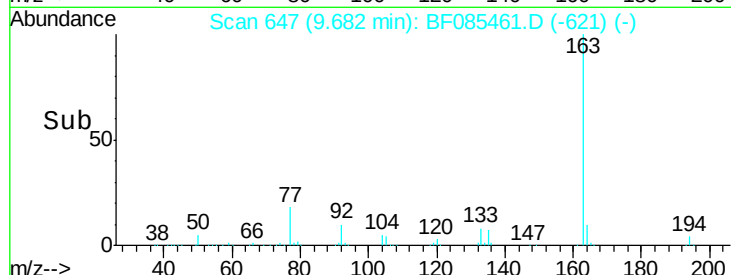
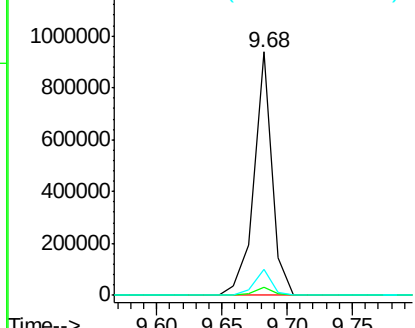
#49
Dimethylphthalate
Concen: 37.12 ng
RT: 9.68 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Instrument :
BNA_F
ClientSampleId :
ICVBF031516

Tgt Ion:163 Resp: 900814
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 10.6 8.2 12.4

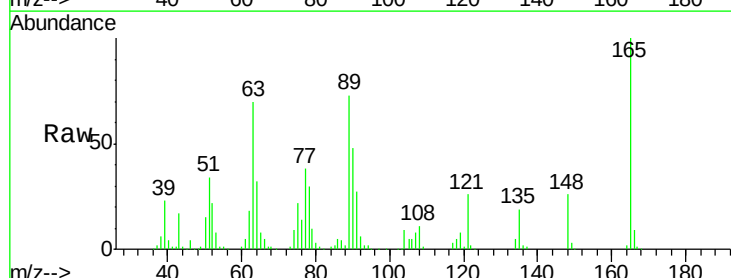


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

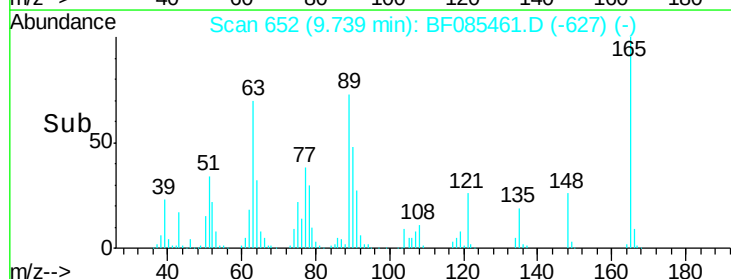
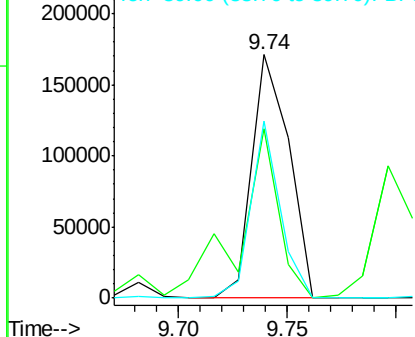


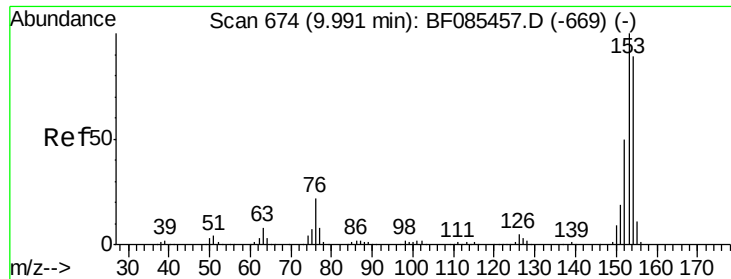
#50
2,6-Dinitrotoluene
Concen: 37.98 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Tgt Ion:165 Resp: 203611
Ion Ratio Lower Upper
165 100
63 69.5 41.8 62.8#
89 72.6 46.7 70.1#



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: 37.64 ng

RT: 9.99 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

ICVBF031516

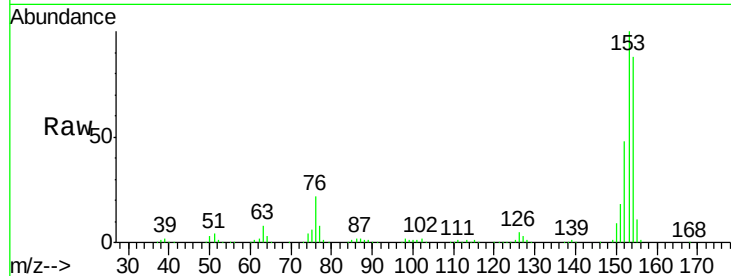
Tgt Ion:154 Resp: 778692

Ion Ratio Lower Upper

154 100

153 113.1 89.8 134.8

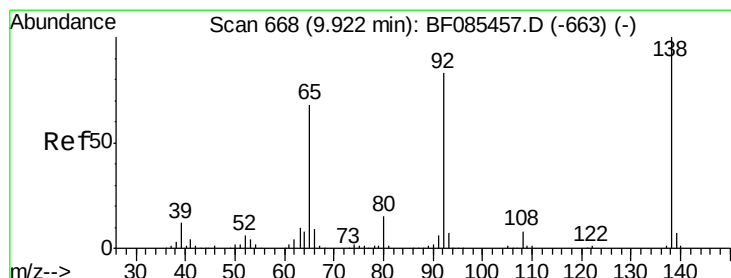
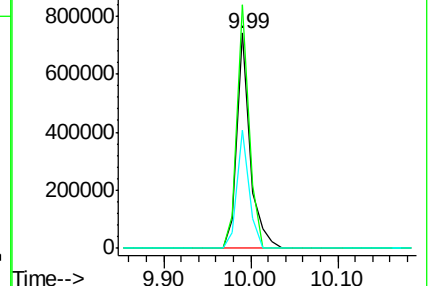
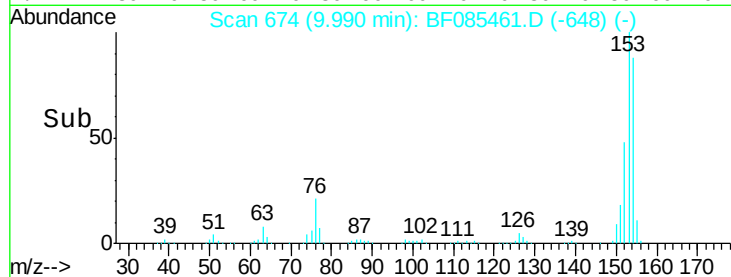
152 54.7 44.6 66.8



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: 37.77 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

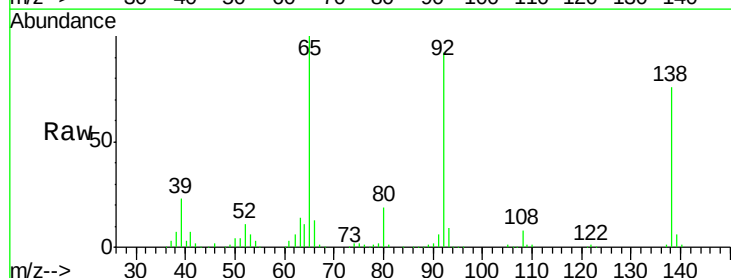
Tgt Ion:138 Resp: 242136

Ion Ratio Lower Upper

138 100

108 10.8 7.8 11.6

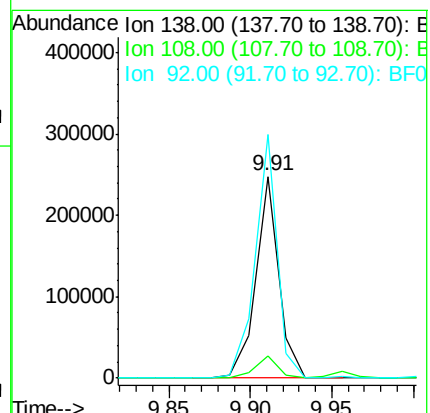
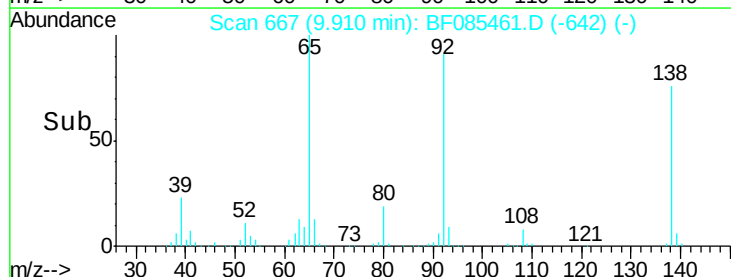
92 120.7 81.3 121.9

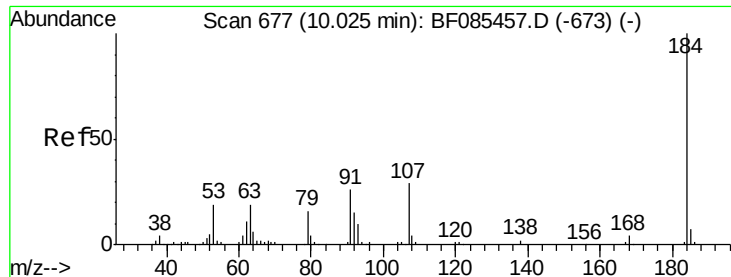


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

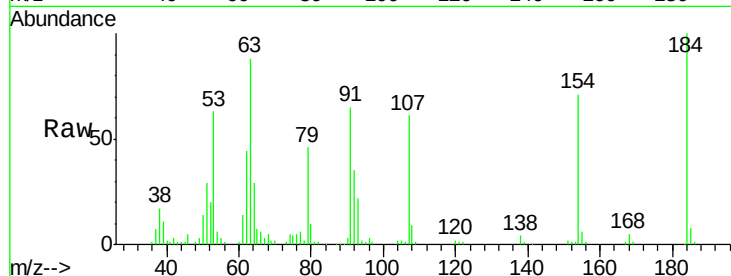




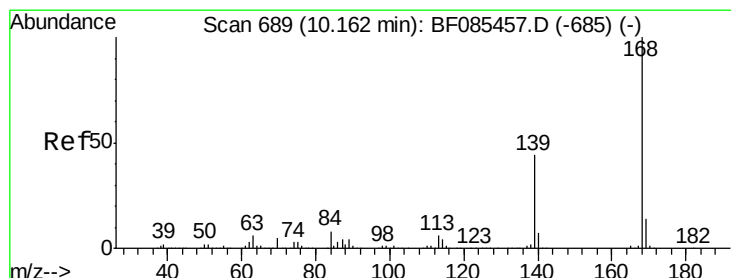
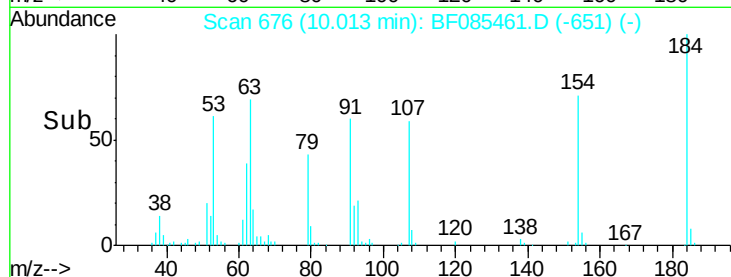
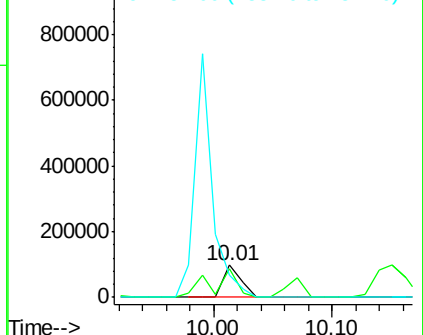
#53
2,4-Dinitrophenol
Concen: 39.19 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Instrument :
BNA_F
ClientSampleId :
ICVBF031516

Tgt Ion:184 Resp: 103810
Ion Ratio Lower Upper
184 100
63 88.0 82.2 123.4
154 71.3 108.9 163.3#

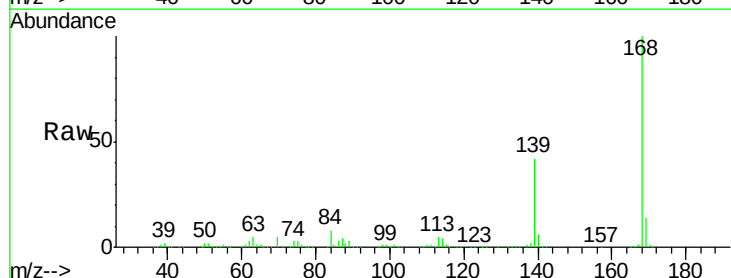


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

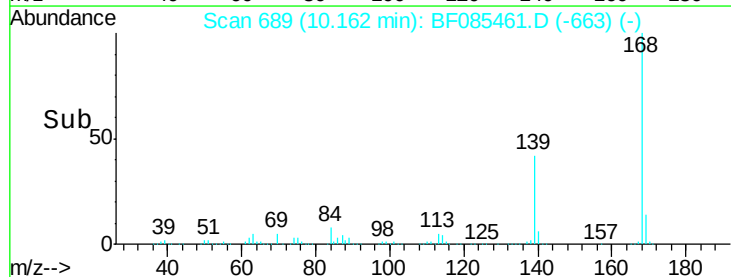
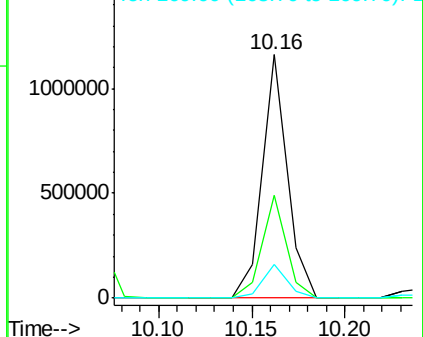


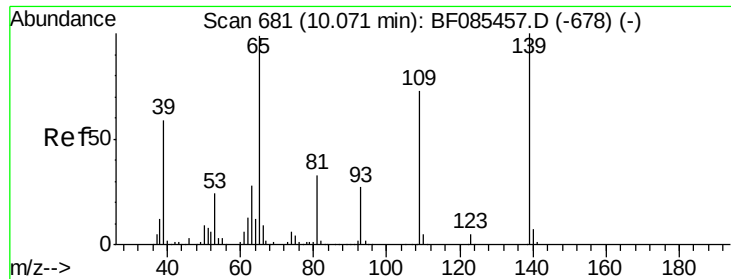
#54
Dibenzofuran
Concen: 42.33 ng
RT: 10.16 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Tgt Ion:168 Resp: 1075946
Ion Ratio Lower Upper
168 100
139 42.5 33.6 50.4
169 14.0 11.2 16.8



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: 49.51 ng

RT: 10.07 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

ICVBF031516

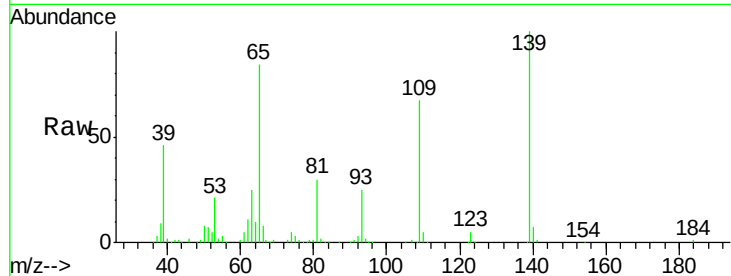
Tgt Ion:139 Resp: 218446

Ion Ratio Lower Upper

139 100

109 67.4 41.9 81.9

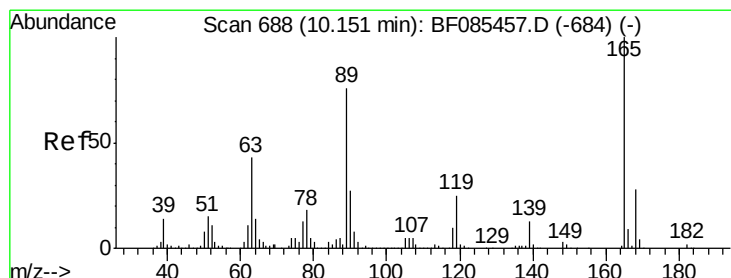
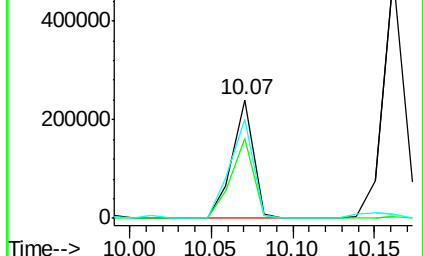
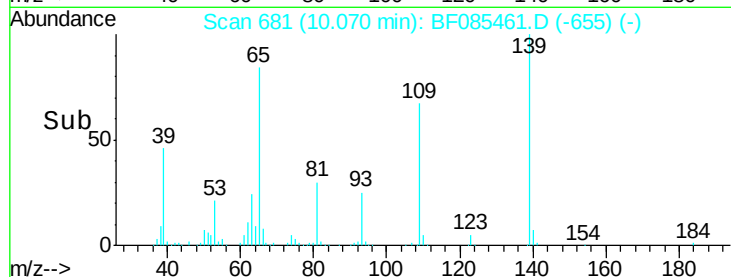
65 84.0 48.3 88.3



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: 48.15 ng

RT: 10.15 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Tgt Ion:165 Resp: 323771

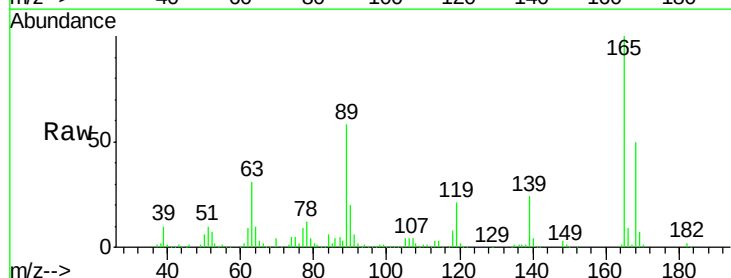
Ion Ratio Lower Upper

165 100

63 31.4 35.4 53.0#

89 58.2 61.9 92.9#

182 2.5 1.9 2.9

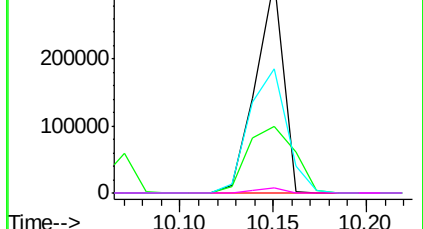
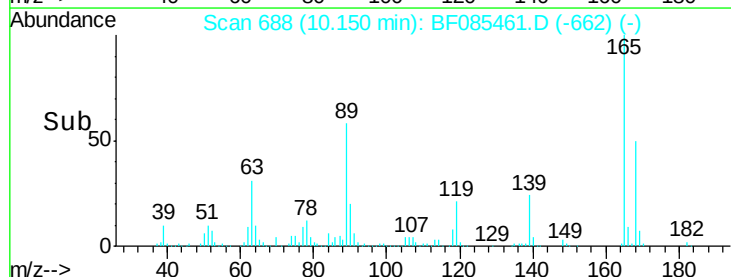


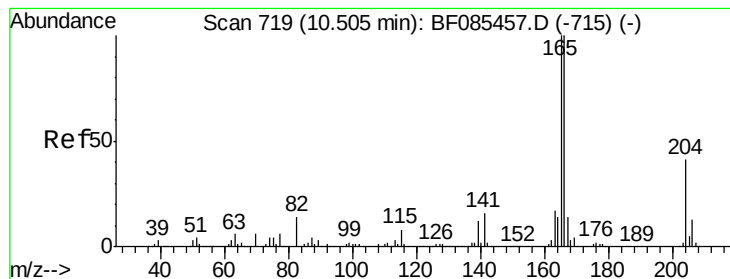
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.32 ng

RT: 10.50 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

ICVBF031516

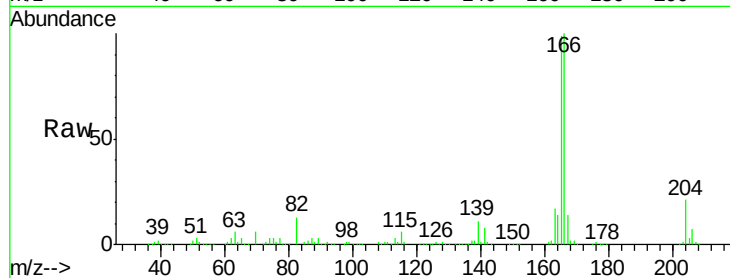
Tgt Ion:166 Resp: 797014

Ion Ratio Lower Upper

166 100

165 98.9 79.4 119.0

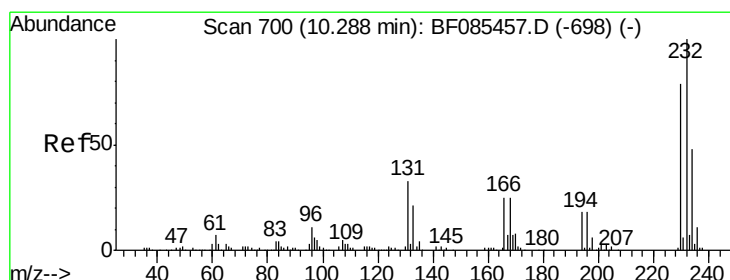
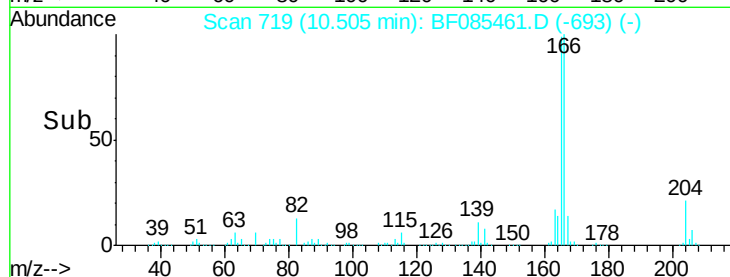
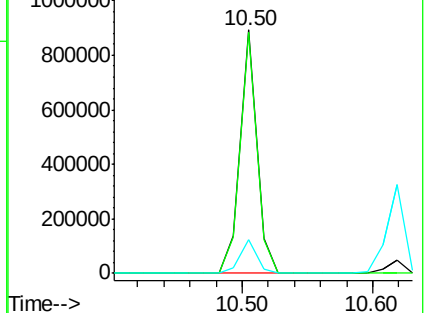
167 13.8 11.0 16.6



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: 42.65 ng

RT: 10.28 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Tgt Ion:232 Resp: 202117

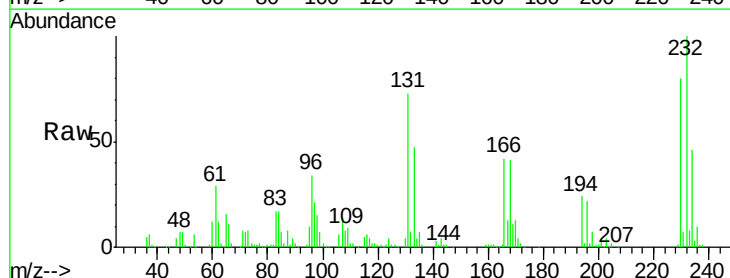
Ion Ratio Lower Upper

232 100

131 54.7 46.0 69.0

130 2.8 2.2 3.4

166 34.2 28.8 43.2

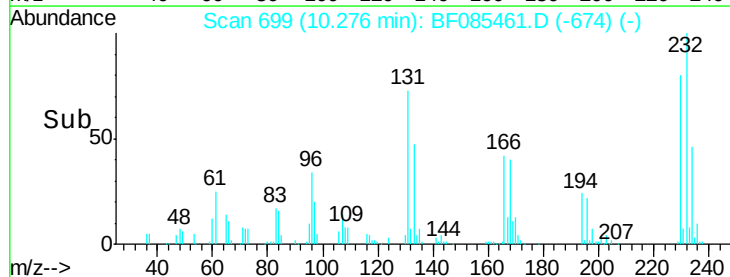
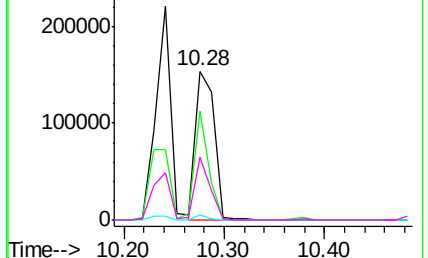


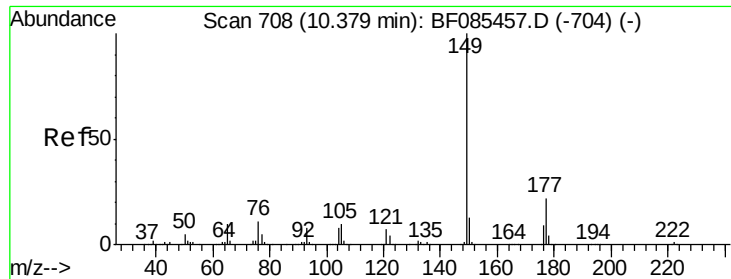
Abundance Ion 232.00 (231.70 to 232.70): E

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

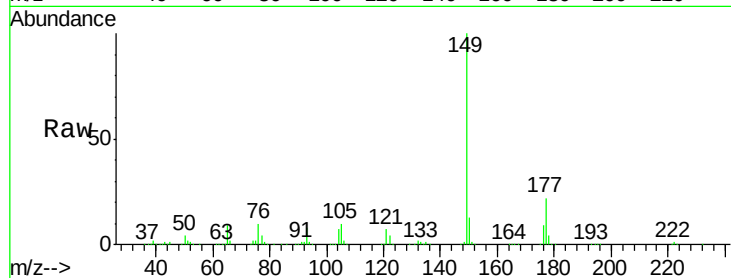




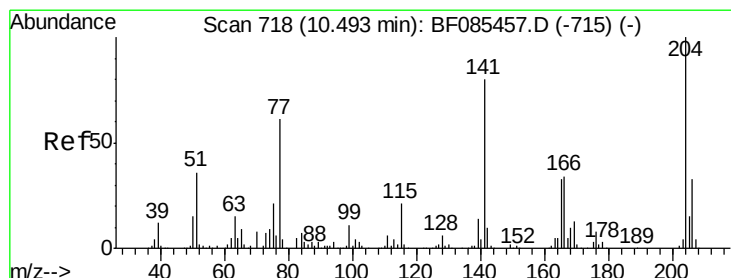
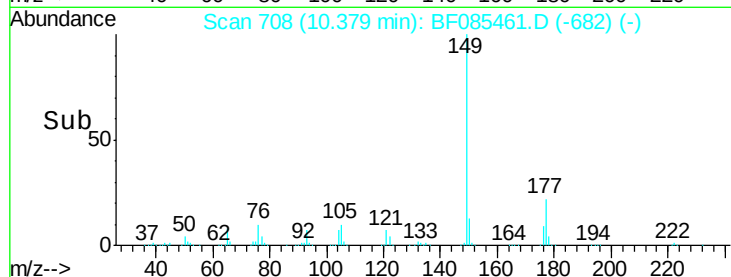
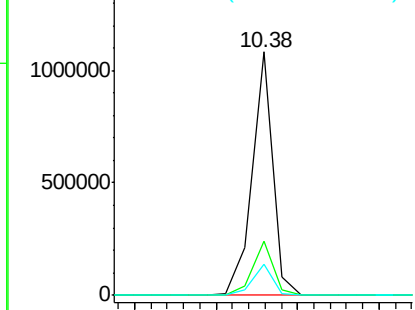
#59
Diethylphthalate
Concen: 40.49 ng
RT: 10.38 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Instrument :
BNA_F
ClientSampleId :
ICVBF031516

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	19.2	28.8
150	12.9	9.9	14.9

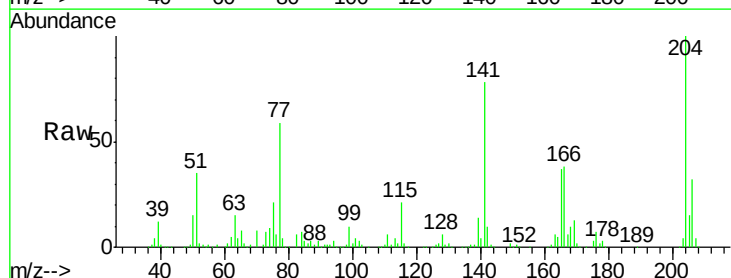


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

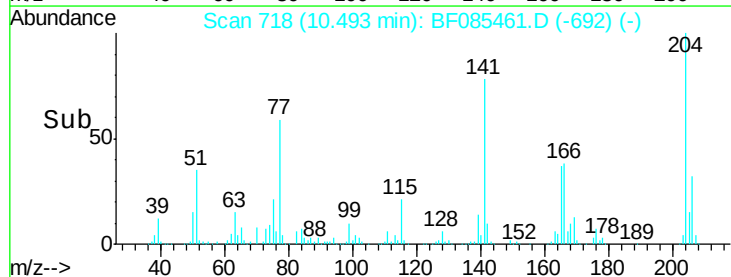
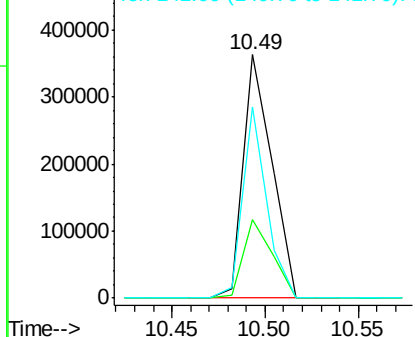


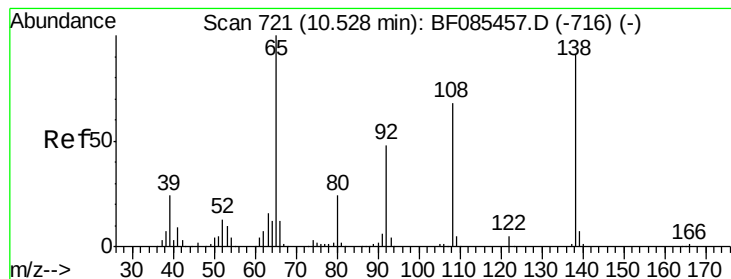
#60
4-Chlorophenyl-phenylether
Concen: 37.04 ng
RT: 10.49 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	78.4	55.4	83.2



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

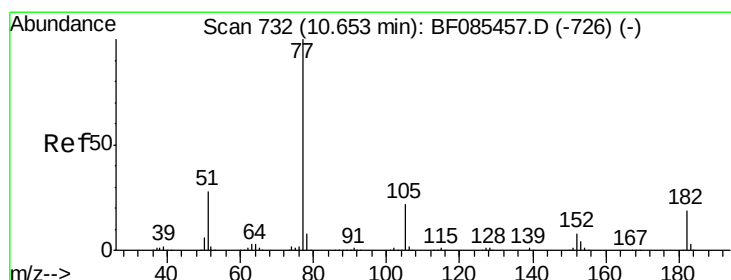
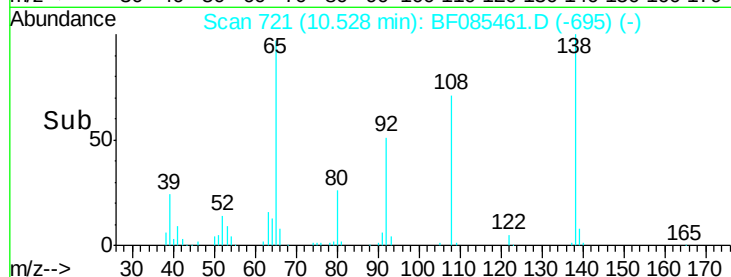
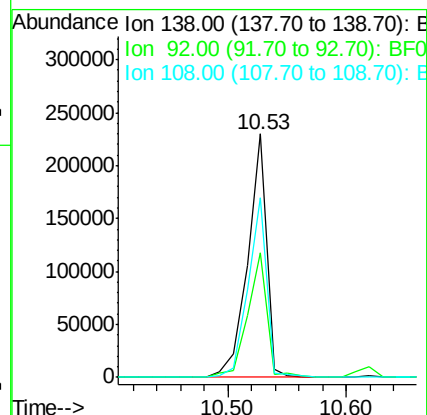
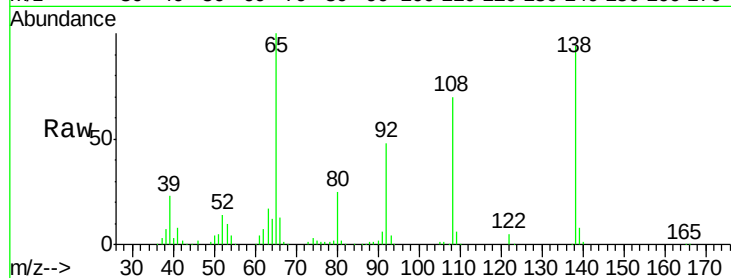




#61
4-Nitroaniline
Concen: 42.43 ng
RT: 10.53 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

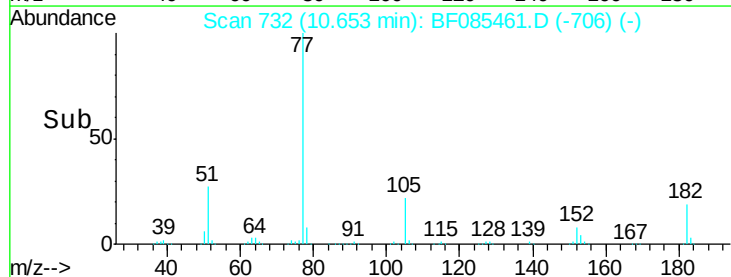
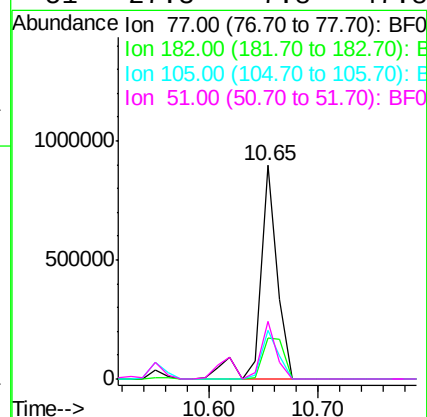
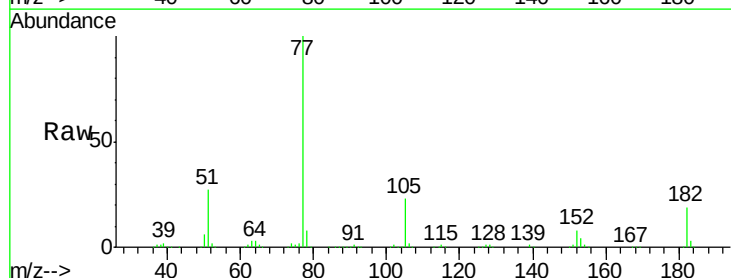
Instrument :
BNA_F
ClientSampleId :
ICVBF031516

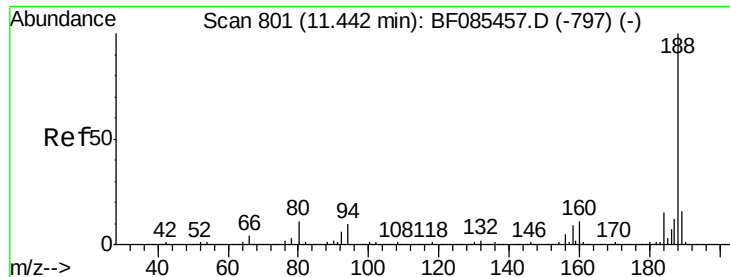
Tgt Ion:138 Resp: 255738
Ion Ratio Lower Upper
138 100
92 51.3 34.2 74.2
108 74.0 53.9 93.9



#62
Azobenzene
Concen: 42.89 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Tgt Ion: 77 Resp: 1000520
Ion Ratio Lower Upper
77 100
182 18.9 2.1 42.1
105 22.5 3.8 43.8
51 27.3 7.8 47.8

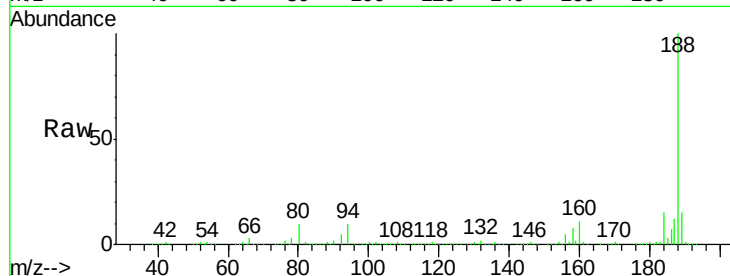




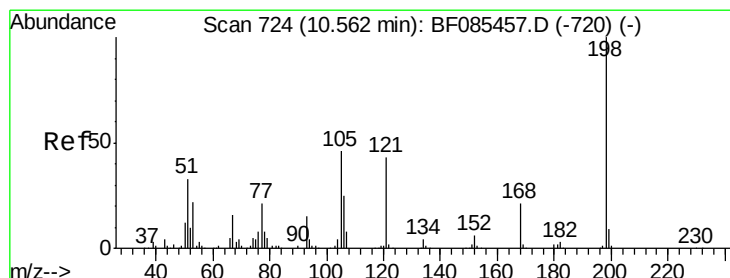
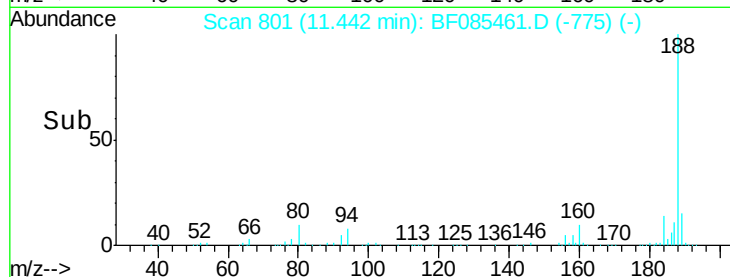
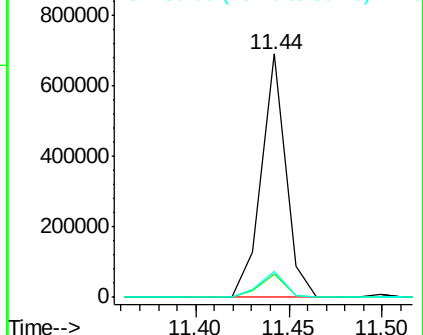
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Tgt Ion:188 Resp: 622778
 Ion Ratio Lower Upper
 188 100
 94 9.9 7.0 10.6
 80 10.5 7.4 11.0

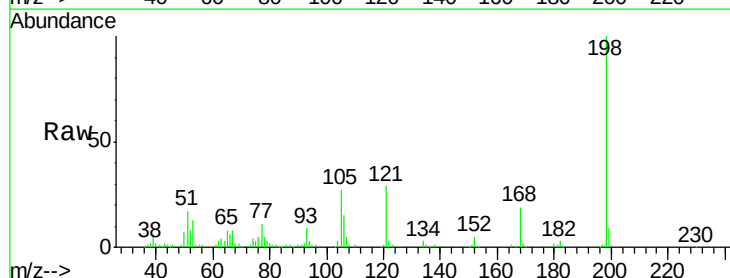


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

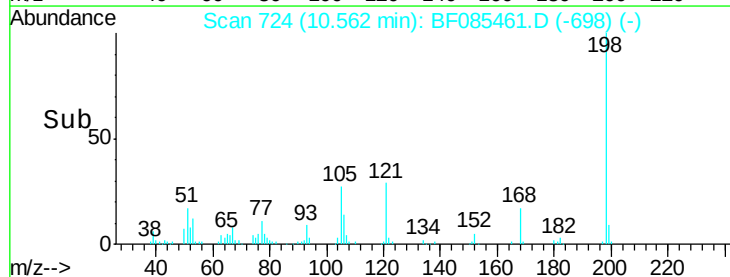
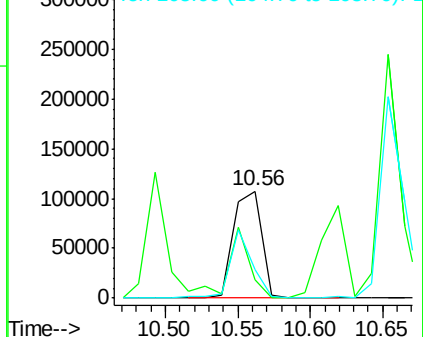


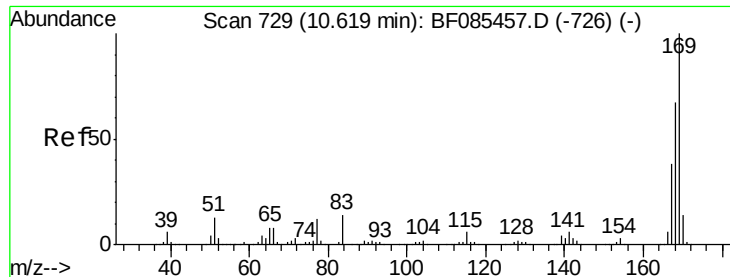
#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.90 ng
 RT: 10.56 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion:198 Resp: 144699
 Ion Ratio Lower Upper
 198 100
 51 17.0 9.5 49.5
 105 26.8 20.5 60.5



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

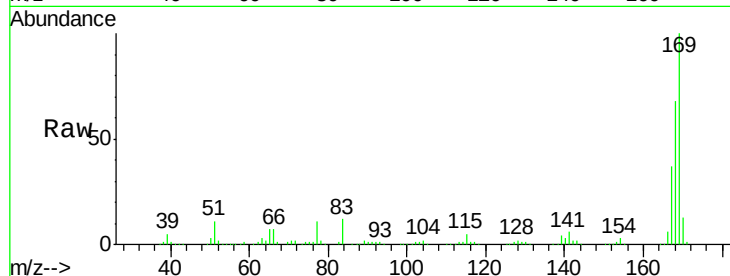




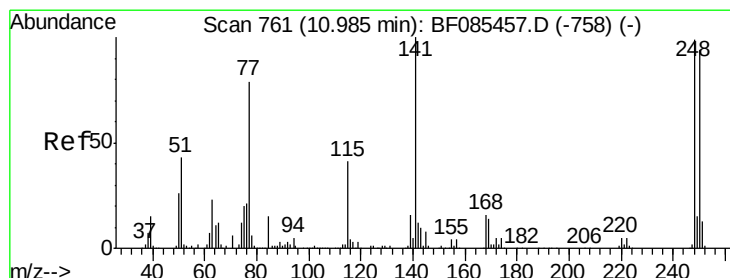
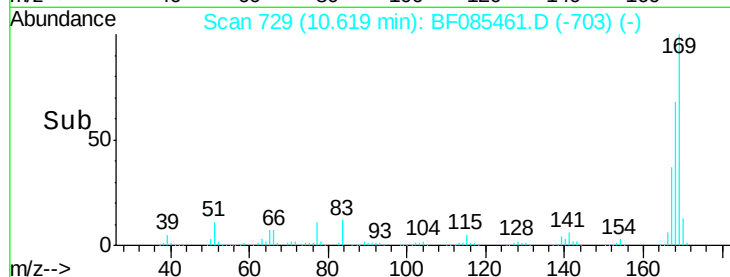
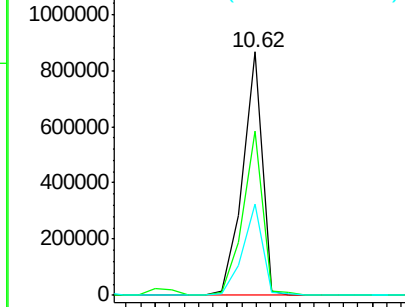
#65
 n-Nitrosodiphenylamine
 Concen: 42.40 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Tgt Ion:169 Resp: 813705
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.8 82.2
 167 37.5 30.3 45.5

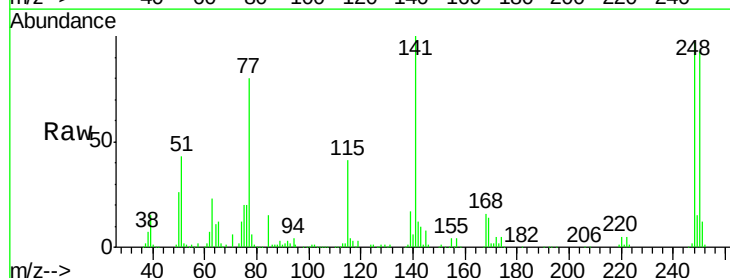


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

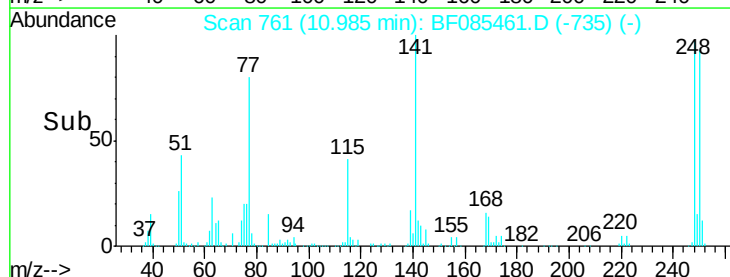
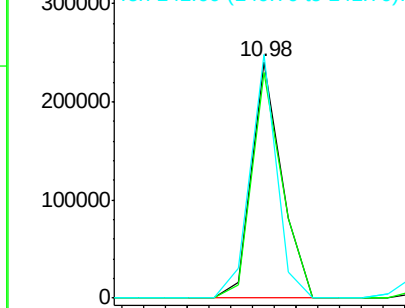


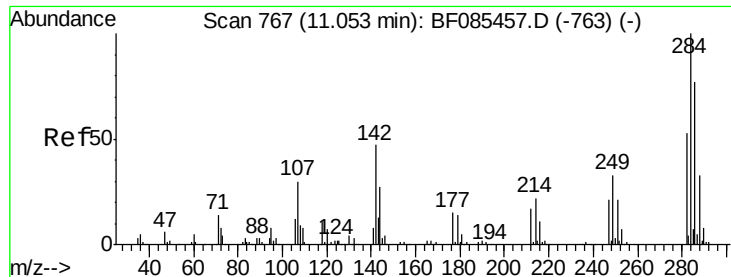
#66
 4-Bromophenyl-phenylether
 Concen: 36.87 ng
 RT: 10.98 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion:248 Resp: 232383
 Ion Ratio Lower Upper
 248 100
 250 95.7 77.1 115.7
 141 103.1 66.2 99.2#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.50 ng

RT: 11.05 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

ICVBF031516

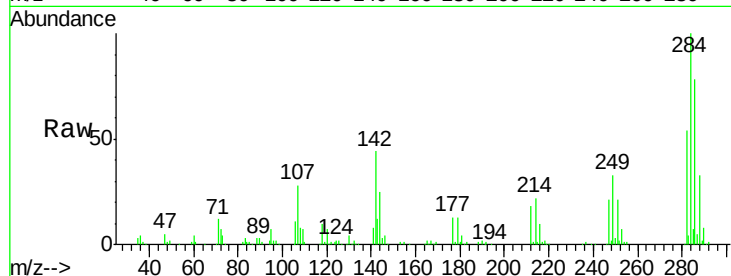
Tgt Ion:284 Resp: 250426

Ion Ratio Lower Upper

284 100

142 44.4 24.9 37.3#

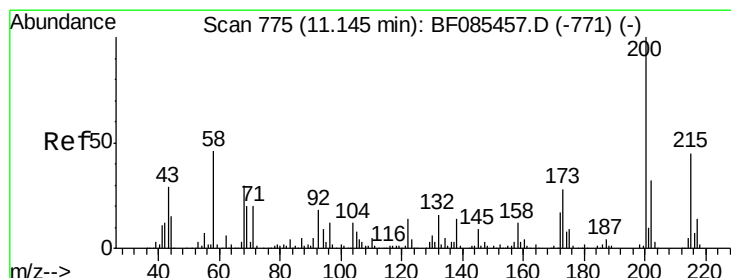
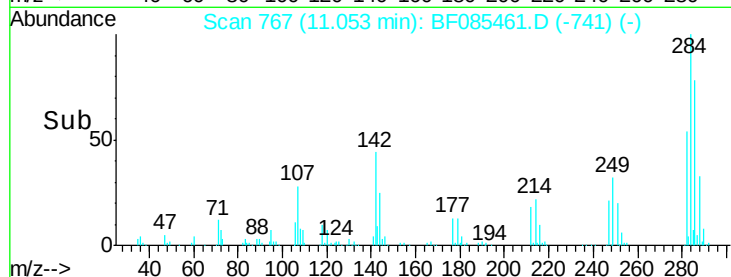
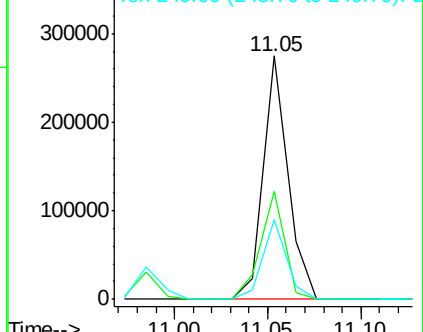
249 32.9 25.0 37.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 34.30 ng

RT: 11.14 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

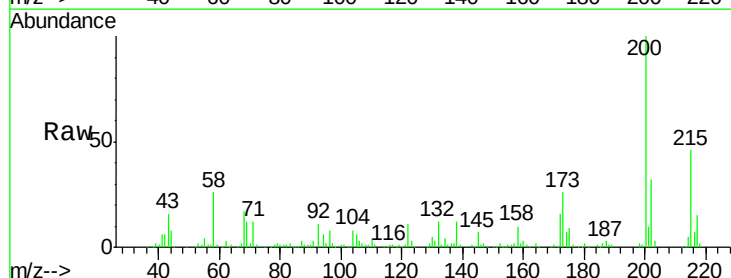
Tgt Ion:200 Resp: 188377

Ion Ratio Lower Upper

200 100

173 26.0 10.5 50.5

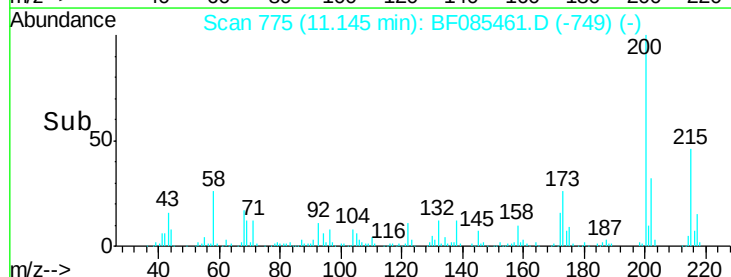
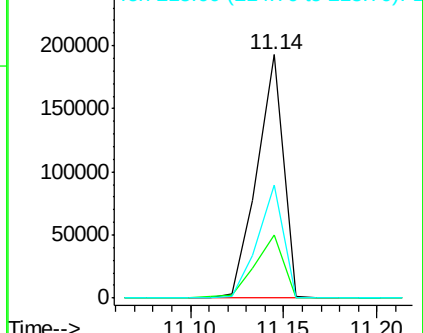
215 46.2 23.4 63.4

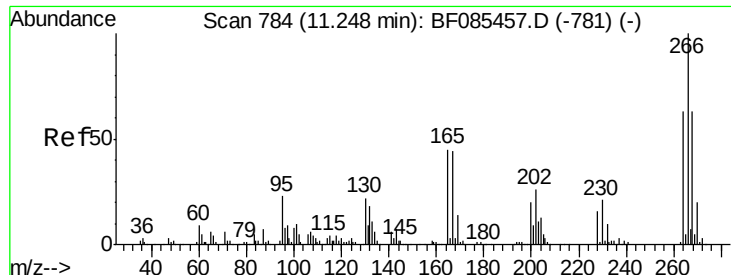


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

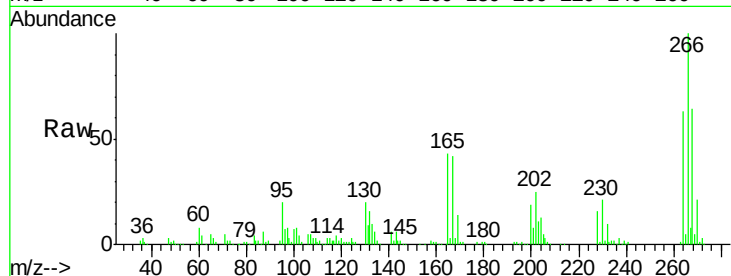




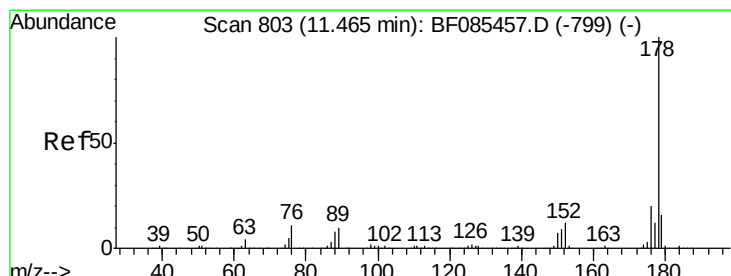
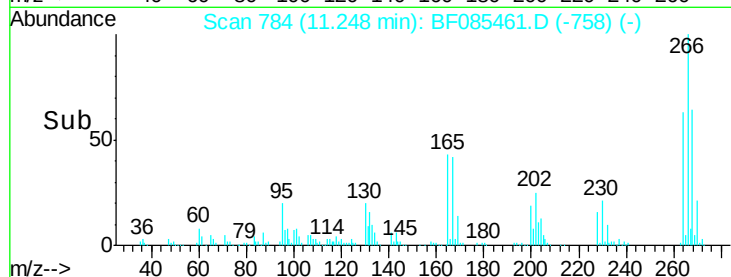
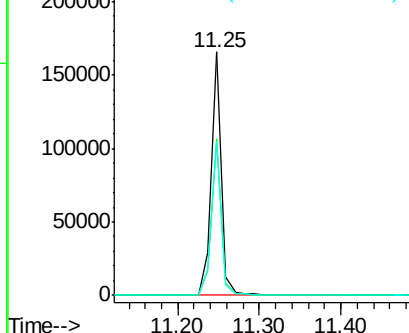
#69
 Pentachlorophenol
 Concen: 42.66 ng
 RT: 11.25 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Tgt Ion: 266 Resp: 147081
 Ion Ratio Lower Upper
 266 100
 268 64.2 50.0 75.0
 264 63.5 51.4 77.2

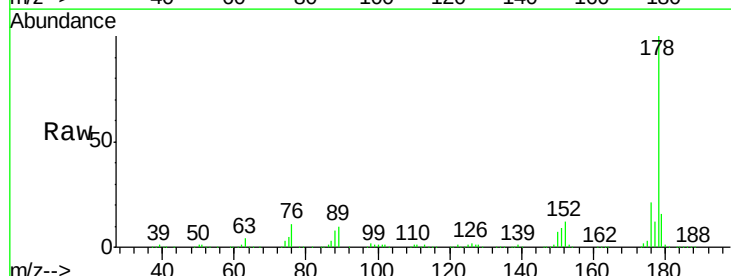


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

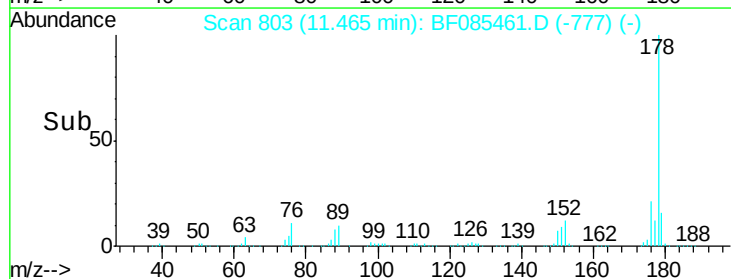
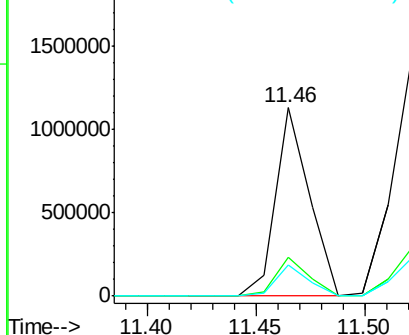


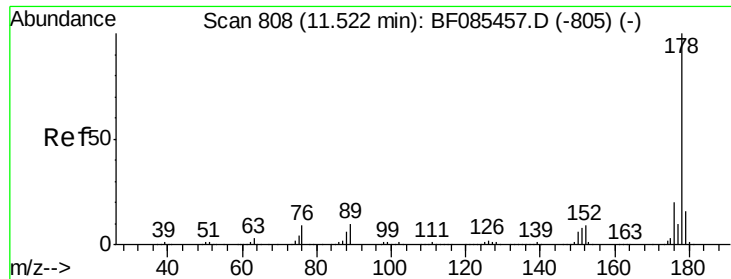
#70
 Phenanthrene
 Concen: 38.01 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion: 178 Resp: 1232876
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.8 25.2
 179 16.2 13.1 19.7



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

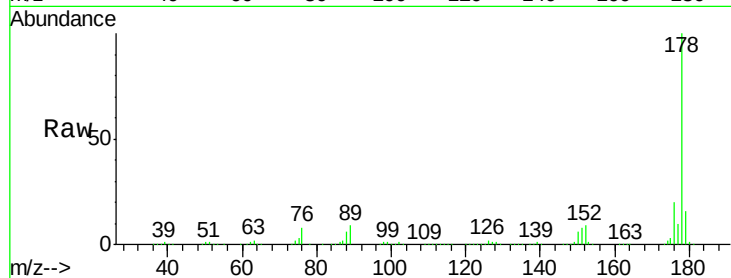




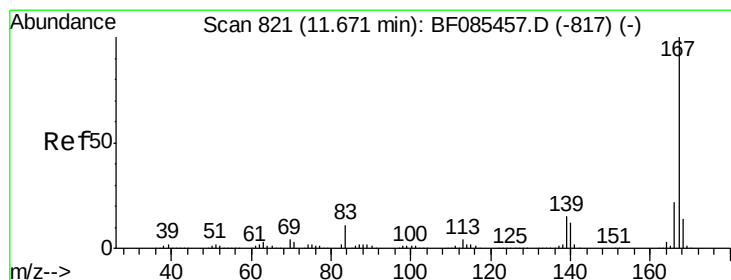
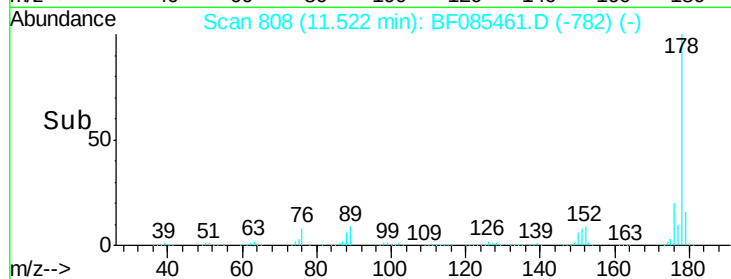
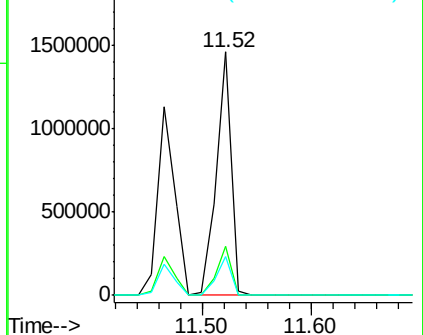
#71
 Anthracene
 Concen: 42.77 ng
 RT: 11.52 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

Tgt Ion:178 Resp: 1413209
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.9 23.9
 179 16.0 12.5 18.7

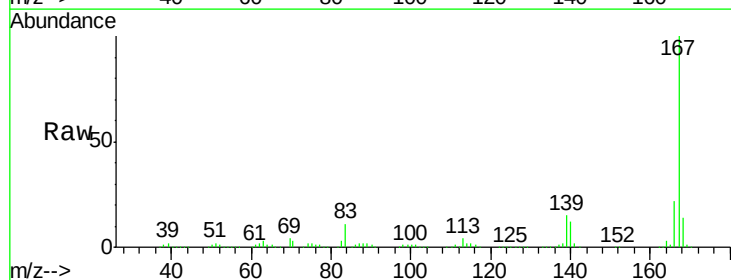


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

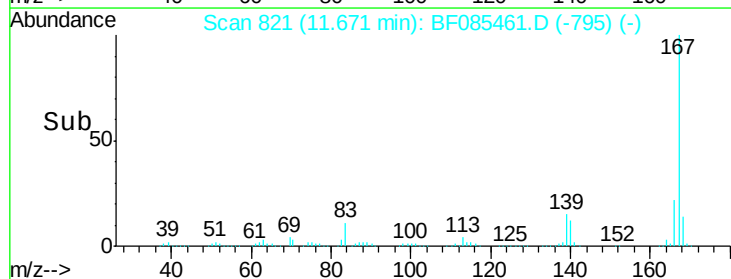
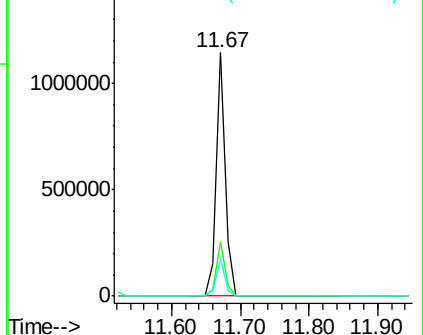


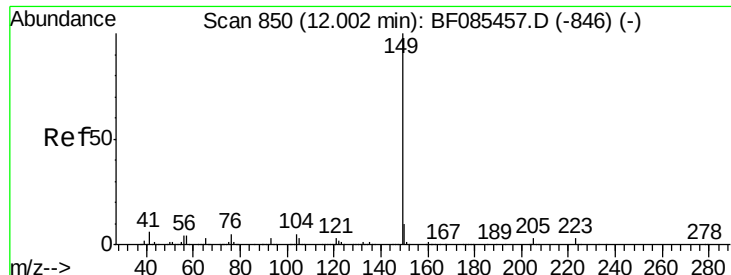
#72
 Carbazole
 Concen: 38.41 ng
 RT: 11.67 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion:167 Resp: 1073711
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 15.3 11.4 17.0



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

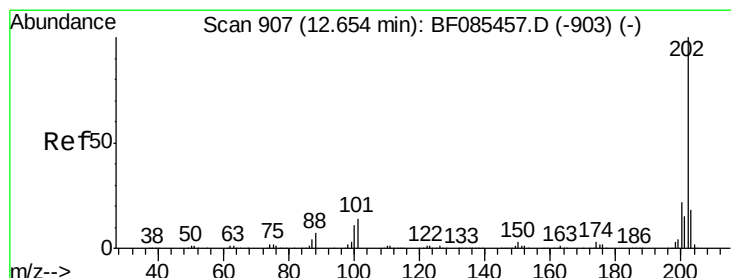
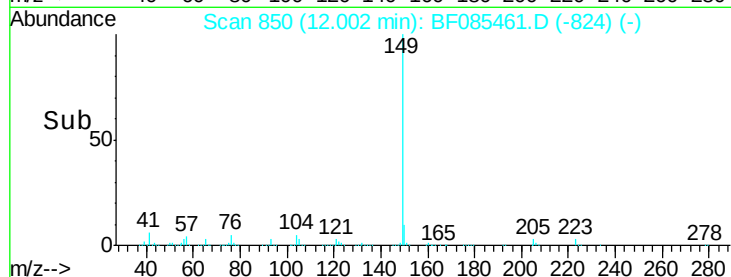
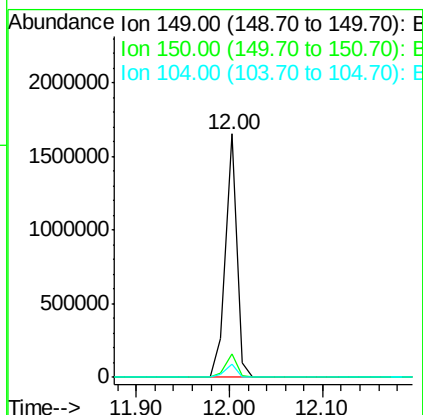
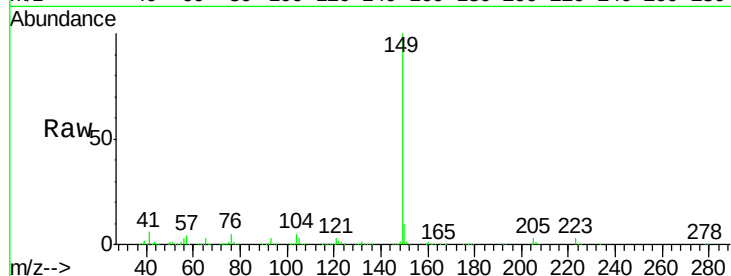




#73
Di-n-butylphthalate
Concen: 40.07 ng
RT: 12.00 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

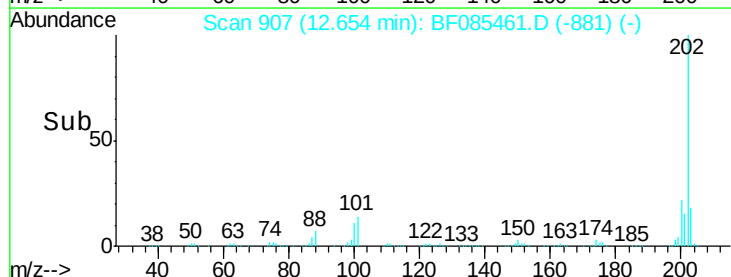
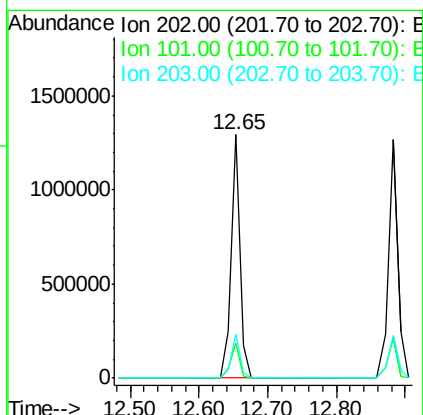
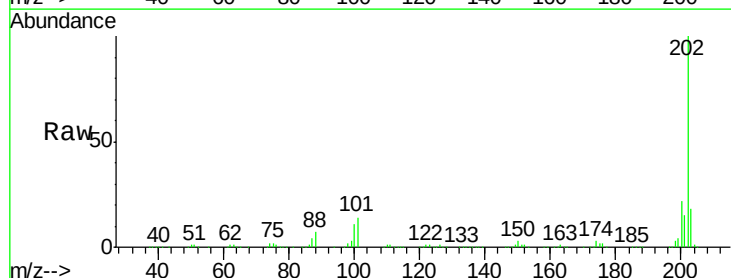
Instrument :
BNA_F
ClientSampleId :
ICVBF031516

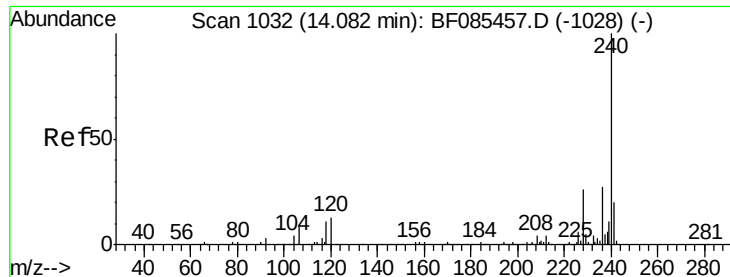
Tgt Ion:149 Resp: 1387866
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 5.2 4.7 7.1



#74
Fluoranthene
Concen: 38.89 ng
RT: 12.65 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Tgt Ion:202 Resp: 1185888
Ion Ratio Lower Upper
202 100
101 14.4 0.0 31.8
203 18.2 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

ICVBF031516

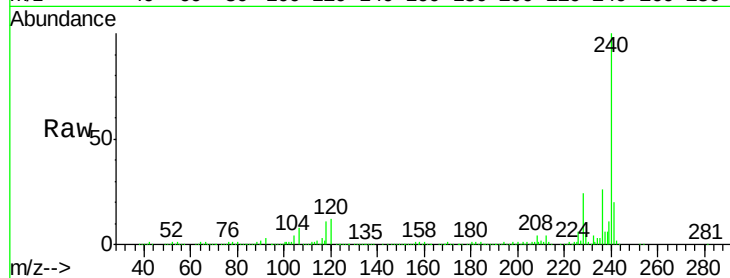
Tgt Ion:240 Resp: 444441

Ion Ratio Lower Upper

240 100

120 12.0 5.3 7.9#

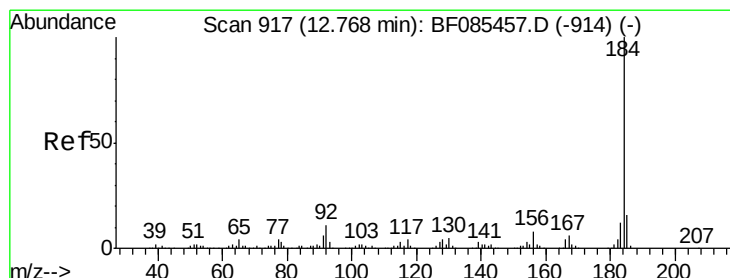
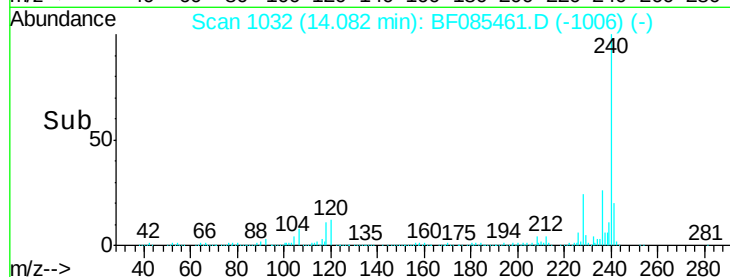
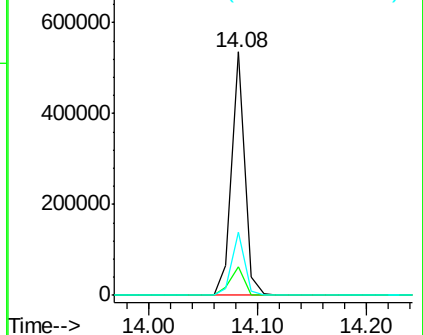
236 26.2 20.7 31.1



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: 37.08 ng

RT: 12.77 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

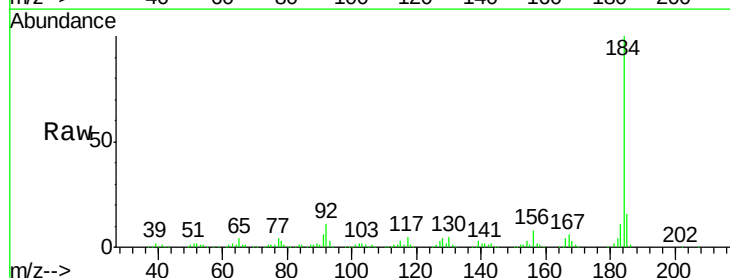
Tgt Ion:184 Resp: 511890

Ion Ratio Lower Upper

184 100

185 16.0 12.4 18.6

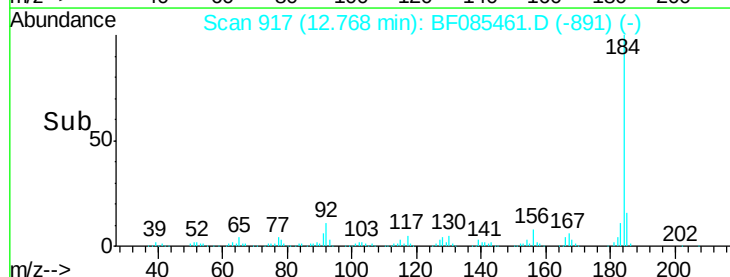
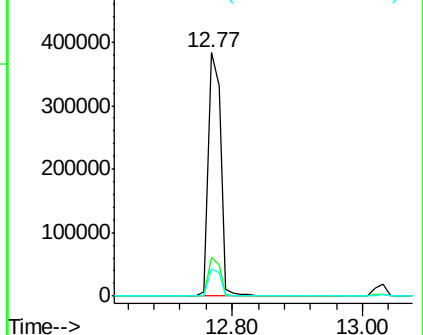
183 11.3 9.4 14.2

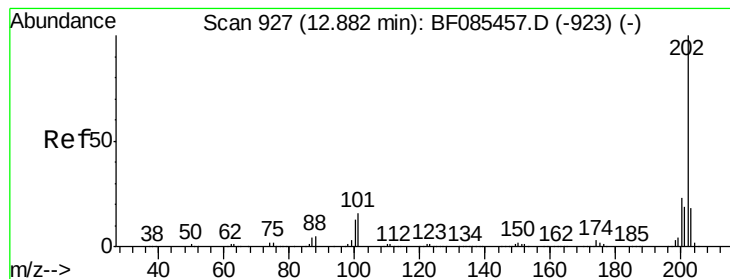


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 36.27 ng

RT: 12.88 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

ICVBF031516

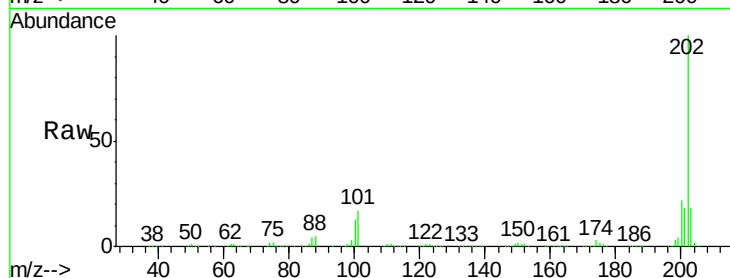
Tgt Ion:202 Resp: 1208957

Ion Ratio Lower Upper

202 100

200 22.4 18.2 27.4

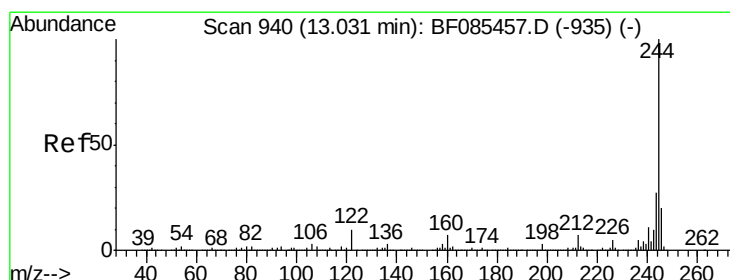
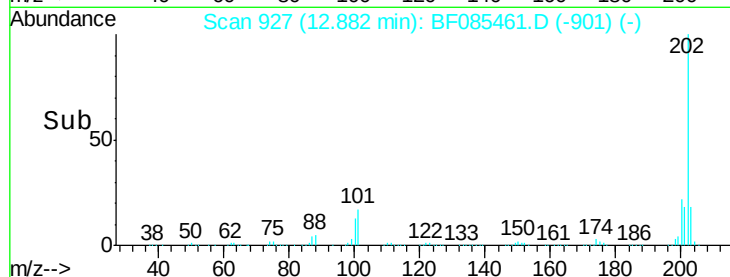
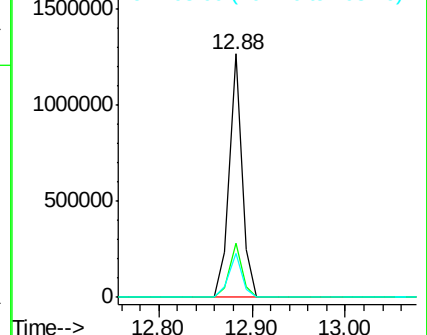
203 18.1 14.7 22.1



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: 40.29 ng

RT: 13.03 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

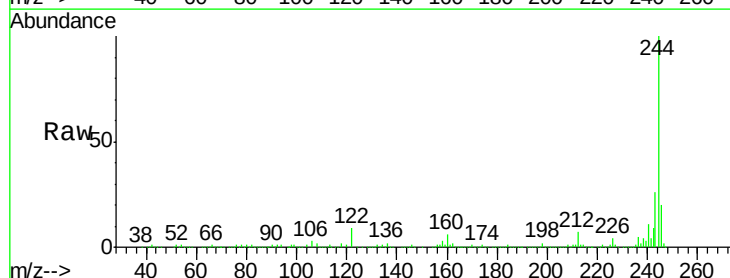
Tgt Ion:244 Resp: 1583210

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

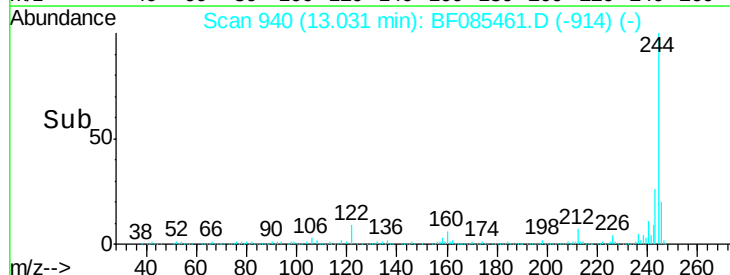
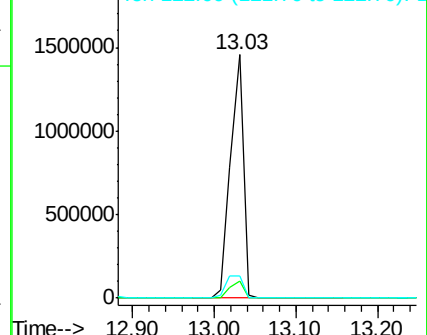
122 9.0 11.4 17.2

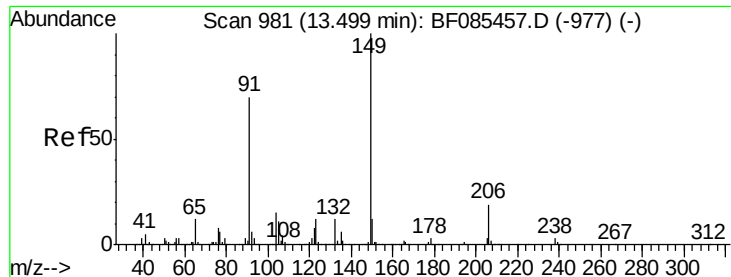


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

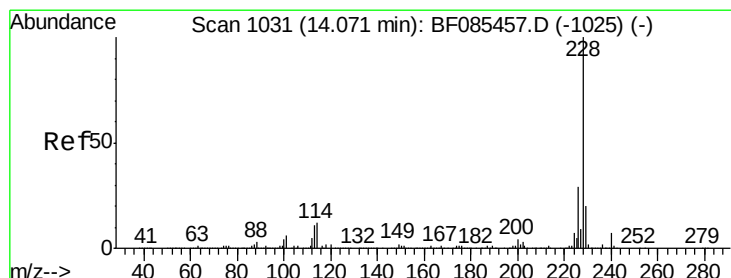
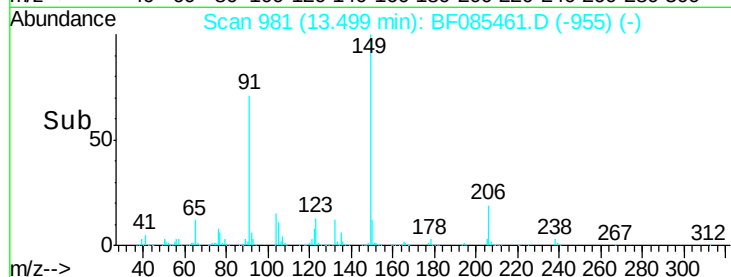
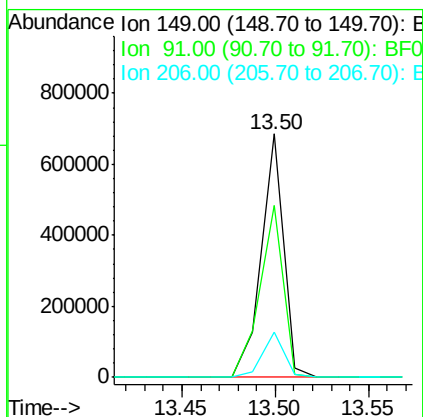
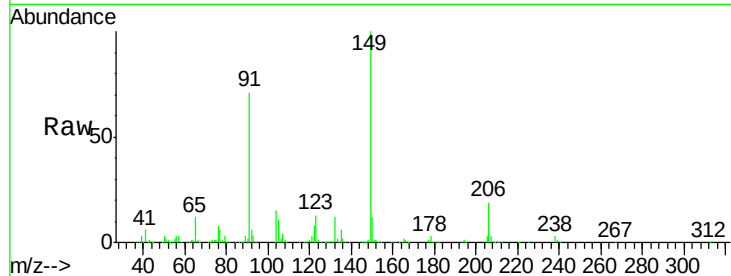




#79
Butylbenzylphthalate
Concen: 39.62 ng
RT: 13.50 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

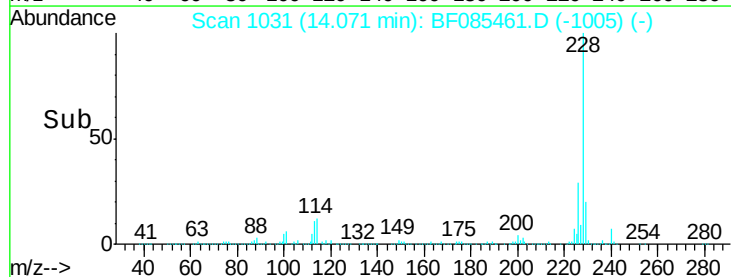
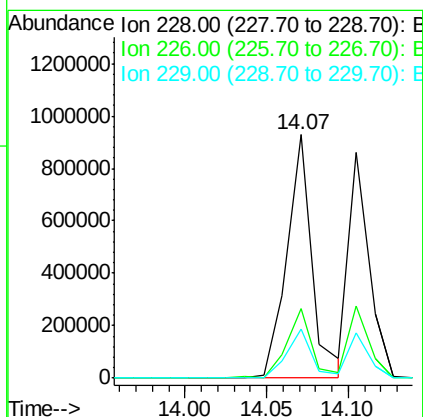
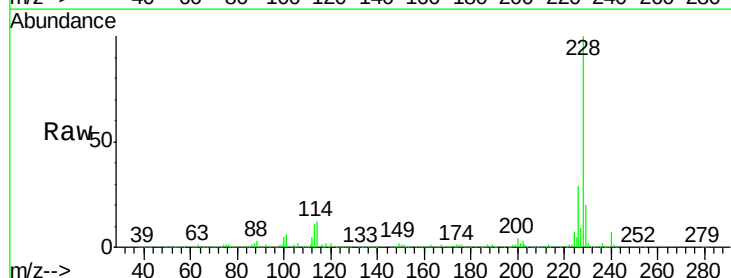
Instrument :
BNA_F
ClientSampleId :
ICVBF031516

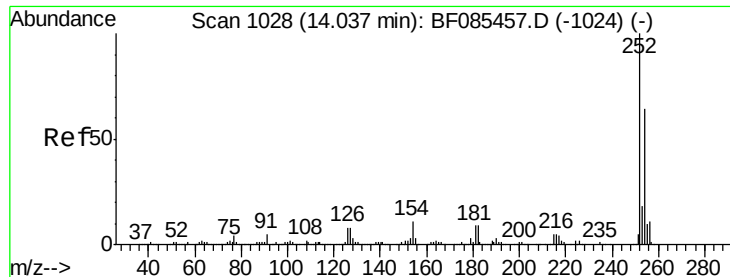
Tgt Ion:149 Resp: 577523
Ion Ratio Lower Upper
149 100
91 70.8 69.0 103.4
206 18.6 12.3 18.5#



#80
Benzo(a)anthracene
Concen: 39.33 ng
RT: 14.07 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Tgt Ion:228 Resp: 1002263
Ion Ratio Lower Upper
228 100
226 28.5 22.8 34.2
229 20.0 16.6 24.8

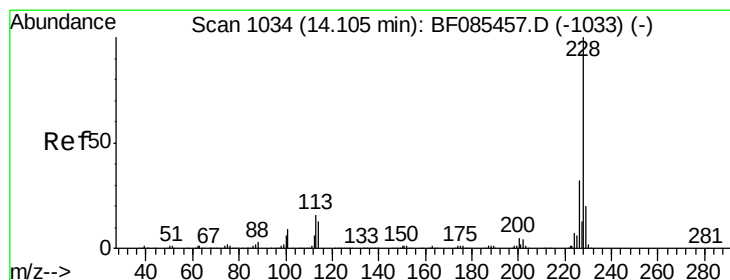
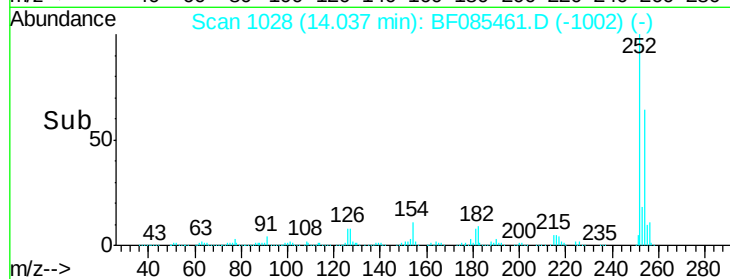
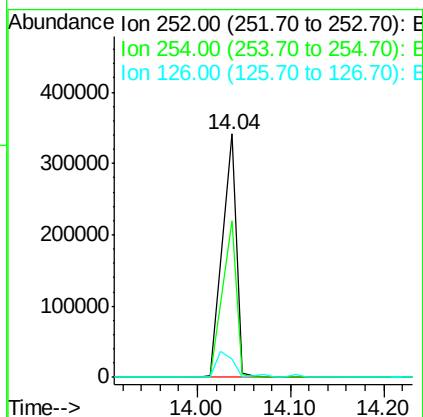
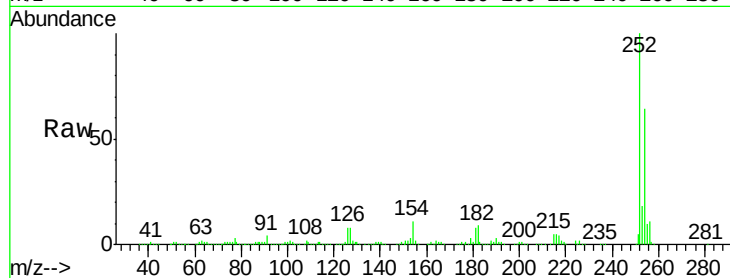




#81
 3,3'-Dichlorobenzidine
 Concen: 40.92 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

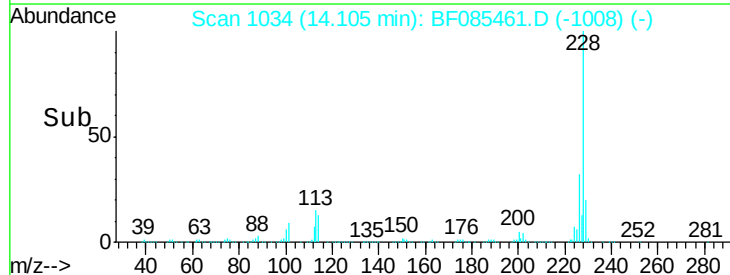
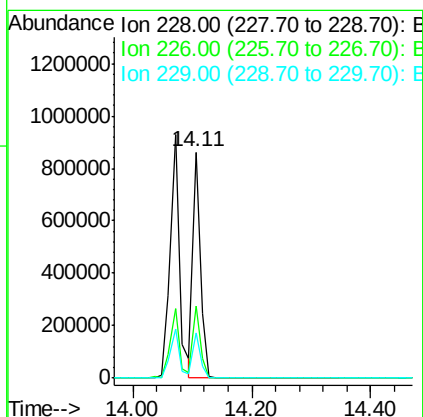
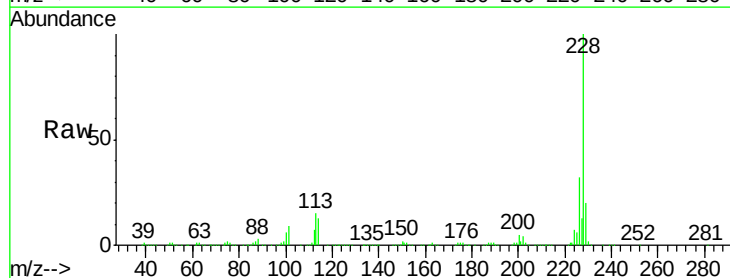
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

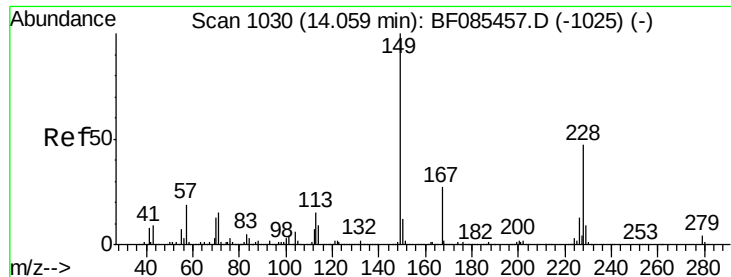
Tgt Ion:252 Resp: 352917
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.4 77.0
 126 7.6 12.9 19.3#



#82
 Chrysene
 Concen: 33.82 ng
 RT: 14.11 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion:228 Resp: 775162
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.2 37.8
 229 20.2 16.0 24.0

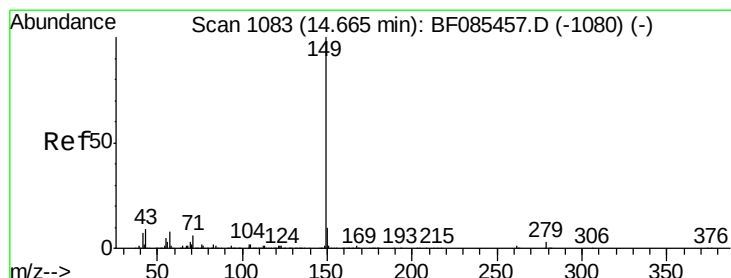
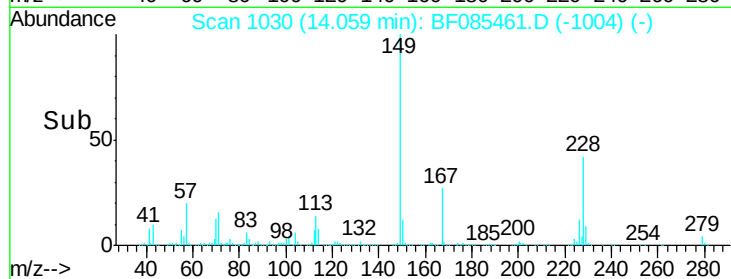
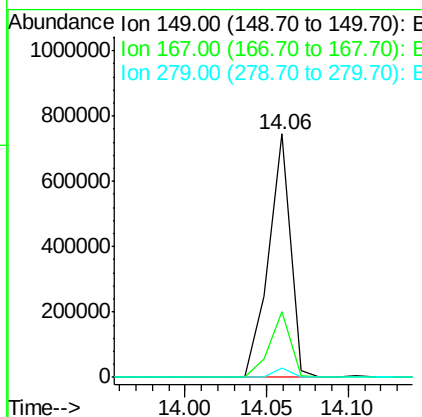
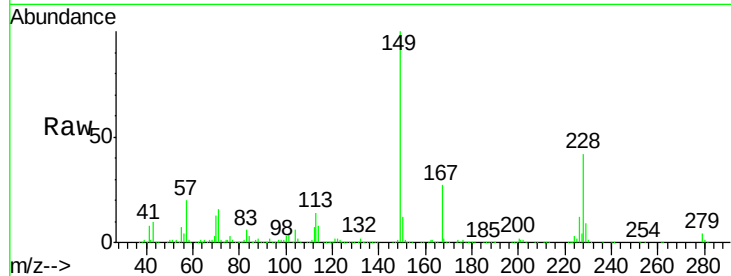




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.41 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

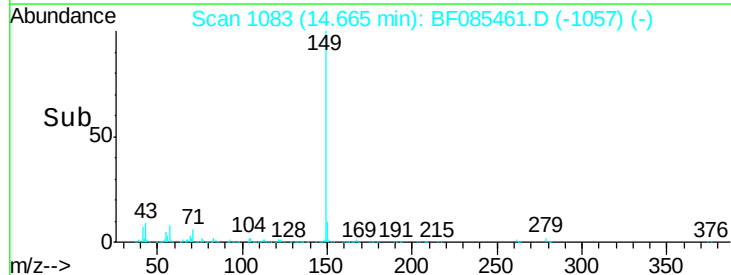
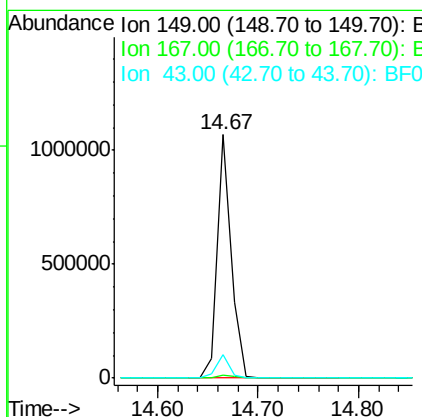
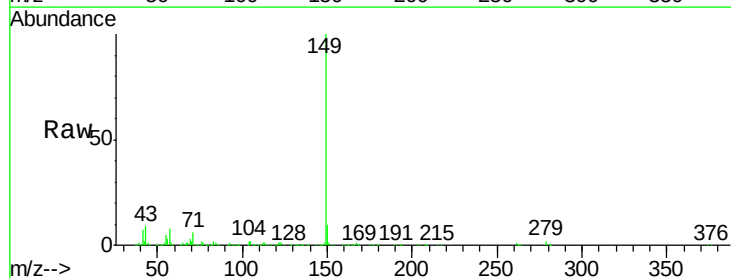
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

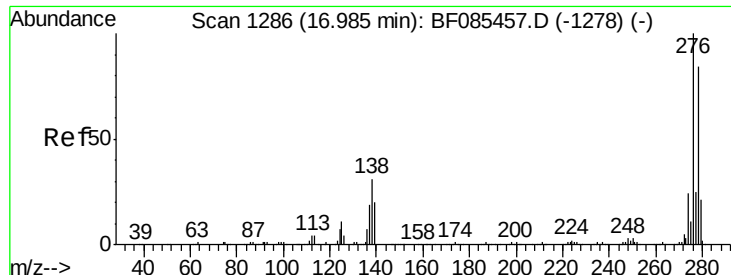
Tgt Ion:149 Resp: 700634
 Ion Ratio Lower Upper
 149 100
 167 26.9 20.3 30.5
 279 3.8 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 39.68 ng
 RT: 14.67 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion:149 Resp: 1030053
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 9.4 7.8 11.8

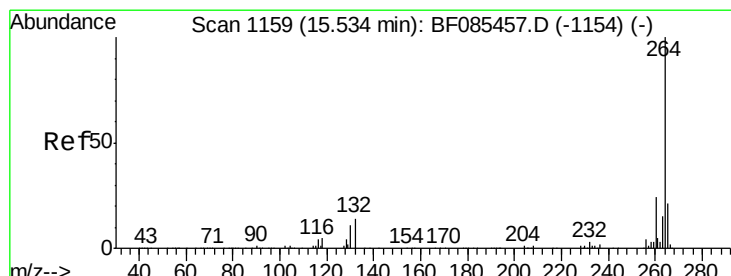
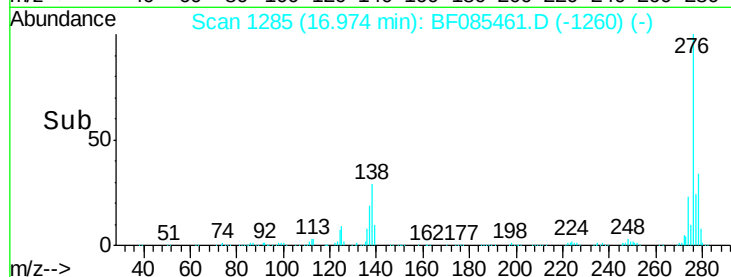
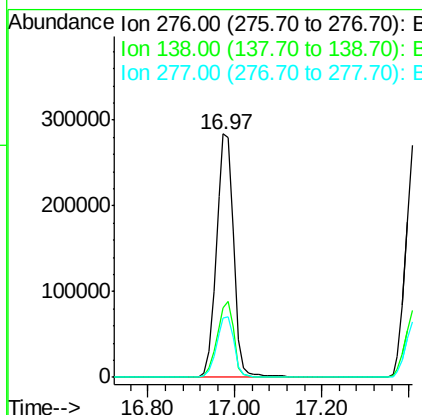
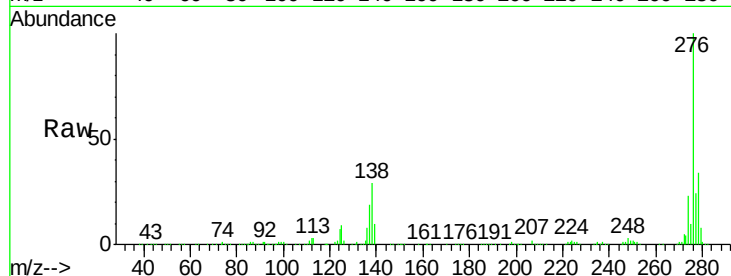




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.79 ng
 RT: 16.97 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

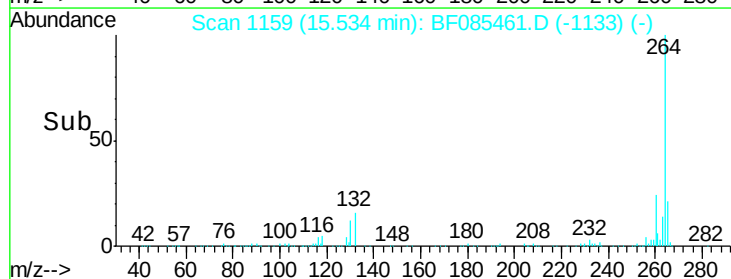
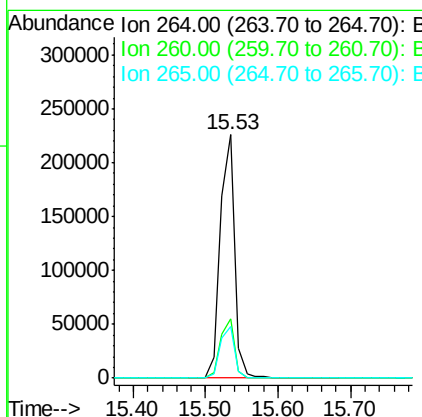
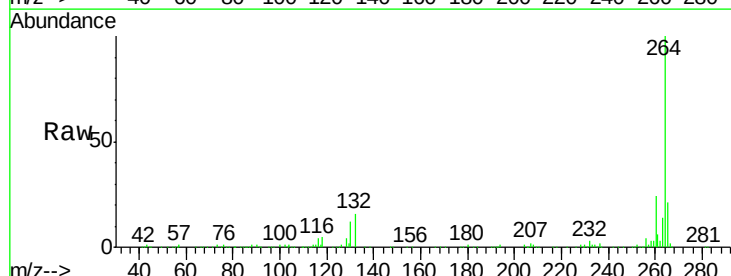
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031516

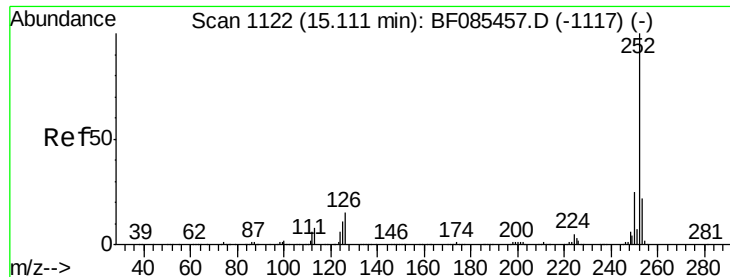
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.3	26.4	39.6
277	25.1	20.2	30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF085461.D
 Acq: 15 Mar 2016 17:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.2	17.3	25.9

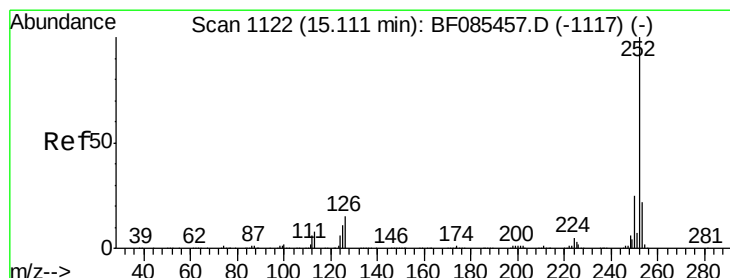
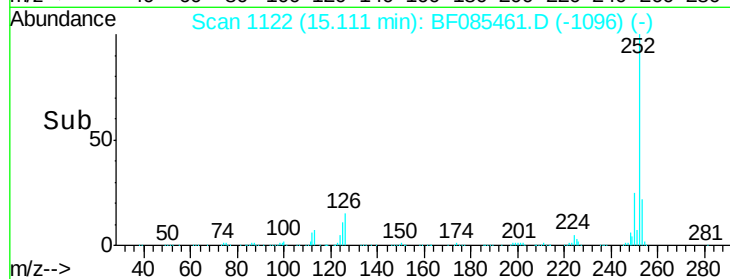
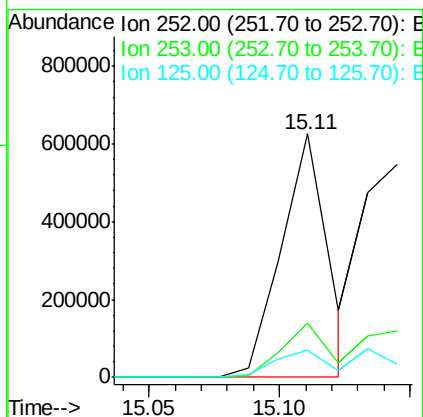
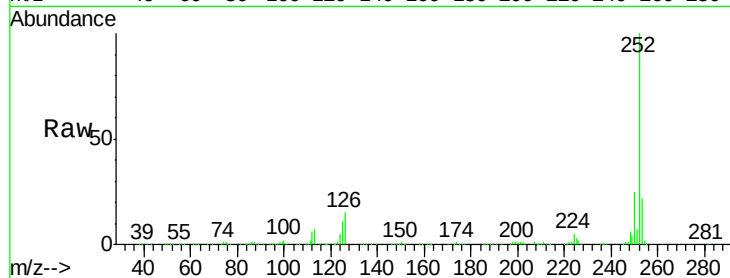




#87
Benzo(b)fluoranthene
Concen: 37.84 ng
RT: 15.11 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

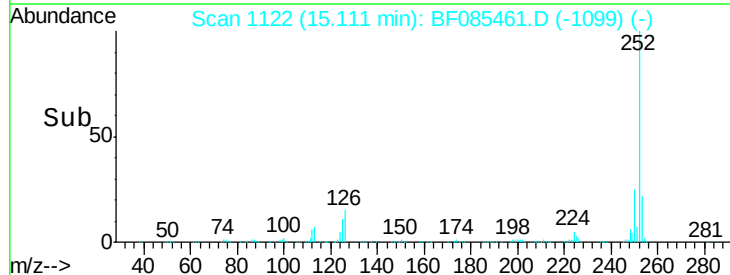
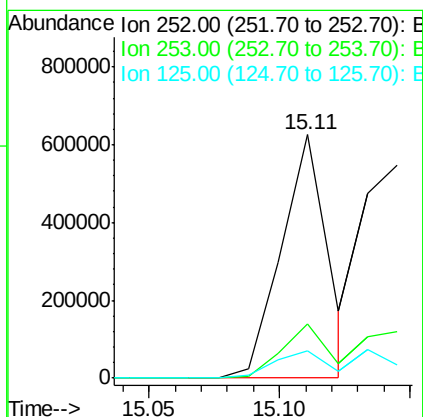
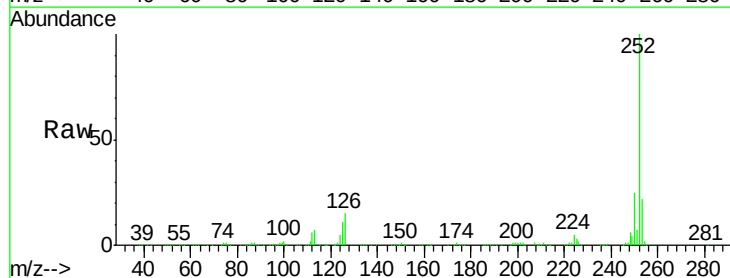
Instrument :
BNA_F
ClientSampleId :
ICVBF031516

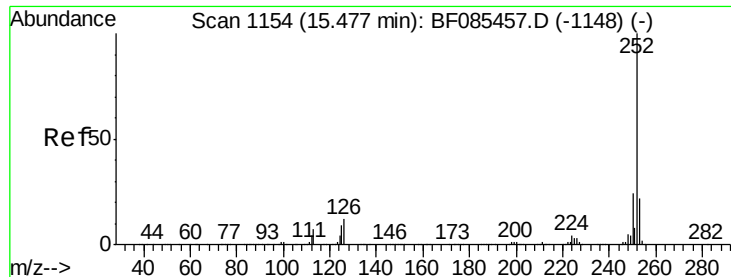
Tgt Ion:252 Resp: 766691
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.0 11.3 16.9#



#88
Benzo(k)fluoranthene
Concen: 48.31 ng
RT: 15.11 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BF085461.D
Acq: 15 Mar 2016 17:55

Tgt Ion:252 Resp: 766691
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.0 10.4 15.6





#89

Benzo(a)pyrene

Concen: 40.30 ng

RT: 15.47 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

ICVBF031516

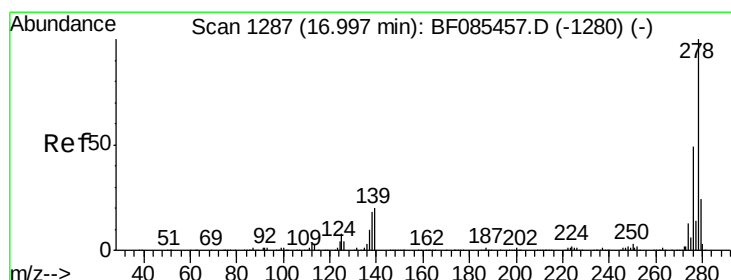
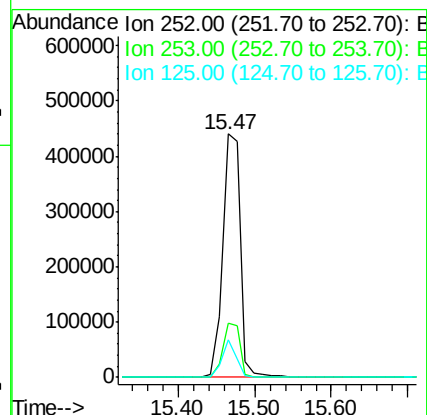
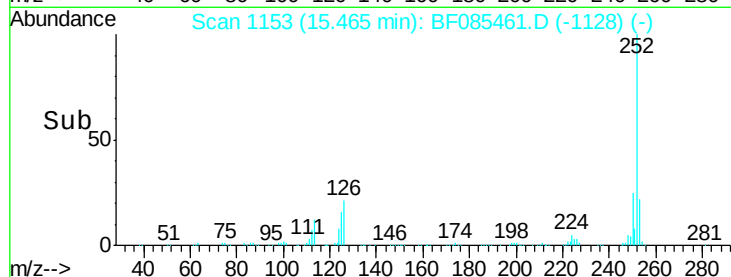
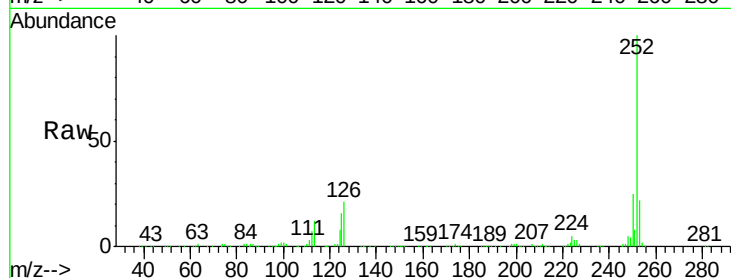
Tgt Ion:252 Resp: 705503

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 15.6 8.2 12.4#



#90

Dibenzo(a,h)anthracene

Concen: 38.65 ng

RT: 17.00 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF085461.D

Acq: 15 Mar 2016 17:55

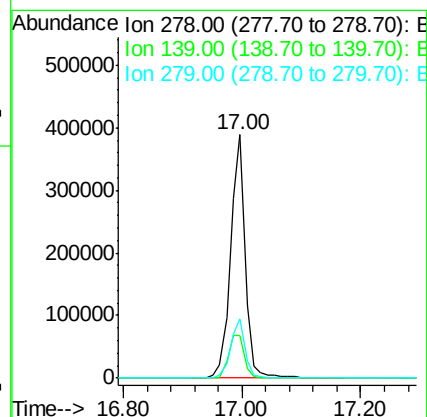
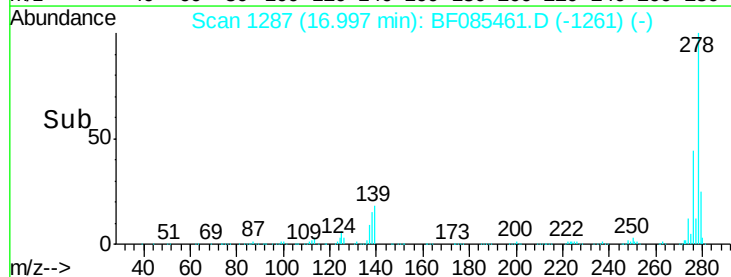
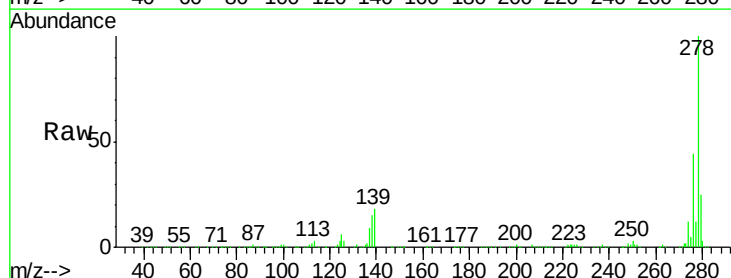
Tgt Ion:278 Resp: 660988

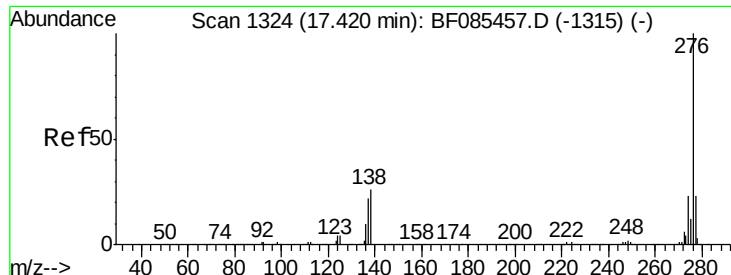
Ion Ratio Lower Upper

278 100

139 17.5 17.3 25.9

279 24.5 19.2 28.8





#91

Benzo(g,h,i)perylene

Concen: 38.02 ng

RT: 17.42 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF085461.D

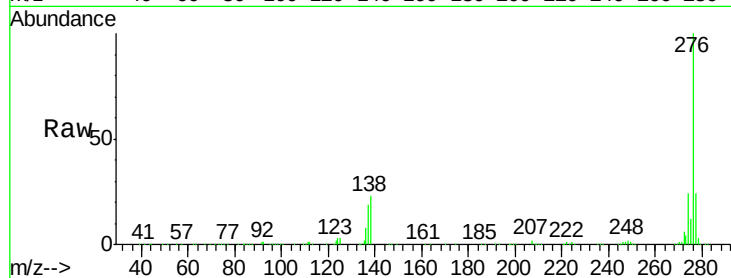
Acq: 15 Mar 2016 17:55

Instrument :

BNA_F

ClientSampleId :

ICVBF031516



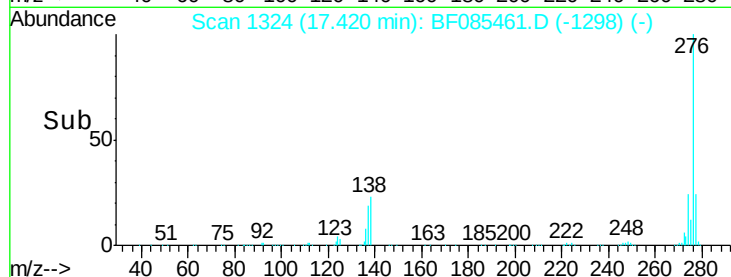
Tgt Ion: 276 Resp: 664035

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 22.7 22.5 33.7



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

