

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
 Data File : BF085515.D
 Acq On : 18 Mar 2016 2:29
 Operator : UM/SJ
 Sample : H1774-12MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

Quant Time: Mar 18 02:50:22 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 18:57:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	151359	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	568922	20.00	ng	-0.05
38) Acenaphthene-d10	9.92	164	262097	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	443959	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	278566	20.00	ng	-0.05
86) Perylene-d12	15.48	264	285007	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1123186	127.56	ng	-0.02
7) Phenol-d6	6.52	99	1444534	126.47	ng	-0.03
23) Nitrobenzene-d5	7.44	82	922767	95.90	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	281756	116.72	ng	-0.05
44) 2-Fluorobiphenyl	9.25	172	1437453	95.15	ng	-0.03
78) Terphenyl-d14	12.98	244	976728	79.32	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	160282	36.48	ng	99
3) Pyridine	3.32	79	382698	36.69	ng	95
4) n-Nitrosodimethylamine	3.27	42	204136	42.38	ng	91
6) Aniline	6.54	93	412229	26.14	ng	# 74
8) 2-Chlorophenol	6.66	128	443531	42.96	ng	97
9) Benzaldehyde	6.42	77	97854	15.34	ng	92
10) Phenol	6.53	94	466818	36.46	ng	86
11) bis(2-Chloroethyl)ether	6.62	93	459360	46.66	ng	99
12) 1,3-Dichlorobenzene	7.05	146	459700	40.18	ng	99
13) 1,4-Dichlorobenzene	6.89	146	470772	41.07	ng	98
14) 1,2-Dichlorobenzene	7.05	146	461892	45.92	ng	97
15) Benzyl Alcohol	7.02	79	374748	45.94	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	556782	41.53	ng	97
17) 2-Methylphenol	7.14	107	372037	43.04	ng	96
18) Hexachloroethane	7.40	117	174043	41.39	ng	# 88
19) n-Nitroso-di-n-propylamine	7.30	70	319513	46.71	ng	97
20) 3+4-Methylphenols	7.29	107	414101	44.69	ng	# 83
22) Acetophenone	7.29	105	565500	40.56	ng	96
24) Nitrobenzene	7.46	77	466705	43.05	ng	98
25) Isophorone	7.70	82	871687	44.42	ng	98
26) 2-Nitrophenol	7.78	139	259741	50.01	ng	92
27) 2,4-Dimethylphenol	7.82	122	389151	42.13	ng	93
28) bis(2-Chloroethoxy)methane	7.91	93	532870	45.42	ng	99
29) 2,4-Dichlorophenol	8.02	162	367548	49.04	ng	92
30) 1,2,4-Trichlorobenzene	8.10	180	368542	42.56	ng	99
31) Naphthalene	8.18	128	1186658	42.69	ng	99
32) Benzoic acid	7.92	122	110320	20.77	ng	92
33) 4-Chloroaniline	8.23	127	206117	17.24	ng	97
34) Hexachlorobutadiene	8.31	225	193928	42.84	ng	98
35) Caprolactam	8.61	113	90567	37.01	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	377651	44.13	ng	99
37) 2-Methylnaphthalene	8.88	142	848825	48.22	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	312111	38.29	ng	98
40) Hexachlorocyclopentadiene	9.03	237	199900	50.74	ng	99

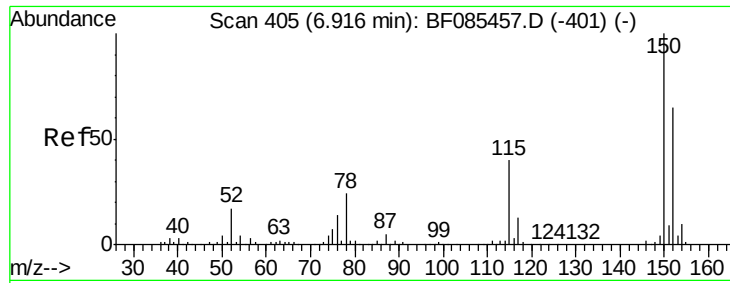
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	238774	44.35	ng	97
43) 2,4,5-Trichlorophenol	9.20	196	239948	44.12	ng	100
45) 1,1'-Biphenyl	9.34	154	887395	41.48	ng	99
46) 2-Chloronaphthalene	9.37	162	738342	46.06	ng	100
47) 2-Nitroaniline	9.46	65	235936	48.61	ng	88
48) Acenaphthylene	9.78	152	1149857	44.34	ng	98
49) Dimethylphthalate	9.65	163	1039606	54.37	ng	99
50) 2,6-Dinitrotoluene	9.70	165	173727	41.12	ng	# 83
51) Acenaphthene	9.96	154	721875	44.28	ng	99
52) 3-Nitroaniline	9.88	138	166664	32.99	ng	92
53) 2,4-Dinitrophenol	9.98	184	107022	49.15	ng	# 62
54) Dibenzofuran	10.13	168	963678	48.12	ng	98
55) 4-Nitrophenol	10.05	139	320954	92.31	ng	85
56) 2,4-Dinitrotoluene	10.12	165	265917	50.19	ng	# 79
57) Fluorene	10.47	166	748922	46.89	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	178290	47.75	ng	95
59) Diethylphthalate	10.34	149	815338	44.05	ng	96
60) 4-Chlorophenyl-phenylether	10.46	204	329446	40.15	ng	98
61) 4-Nitroaniline	10.49	138	202178	42.57	ng	91
62) Azobenzene	10.62	77	836606	45.51	ng	98
64) 4,6-Dinitro-2-methylphenol	10.52	198	82747	31.20	ng	# 53
65) n-Nitrosodiphenylamine	10.58	169	691753	50.56	ng	99
66) 4-Bromophenyl-phenylether	10.95	248	208815	46.47	ng	98
67) Hexachlorobenzene	11.02	284	220421	47.54	ng	100
68) Atrazine	11.11	200	224104	57.24	ng	96
69) Pentachlorophenol	11.21	266	238089	96.88	ng	99
70) Phenanthrene	11.43	178	1043763	45.14	ng	99
71) Anthracene	11.48	178	1022811	43.43	ng	99
72) Carbazole	11.64	167	943787	47.36	ng	99
73) Di-n-butylphthalate	11.97	149	1220734	49.45	ng	98
74) Fluoranthene	12.62	202	953727	43.88	ng	95
76) Benzidine	12.73	184	251247	29.04	ng	98
77) Pyrene	12.85	202	955779	45.75	ng	98
79) Butylbenzylphthalate	13.47	149	441427	48.32	ng	# 69
80) Benzo(a)anthracene	14.03	228	689129	43.15	ng	98
81) 3,3'-Dichlorobenzidine	13.99	252	197533	36.54	ng	98
82) Chrysene	14.06	228	657260	45.75	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	574721	51.57	ng	# 98
84) Di-n-octyl phthalate	14.63	149	1001304	61.54	ng	97
85) Indeno(1,2,3-cd)pyrene	16.89	276	734618	53.94	ng	98
87) Benzo(b)fluoranthene	15.09	252	1384954	74.41	ng	99
88) Benzo(k)fluoranthene	15.09	252	1384954	95.00	ng	100
89) Benzo(a)pyrene	15.42	252	699044	43.47	ng	100
90) Dibenzo(a,h)anthracene	16.91	278	630343	40.13	ng	99
91) Benzo(g,h,i)perylene	17.32	276	582223	36.29	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF085515.D

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ClientSampleId :

SB-14-COMPMSD

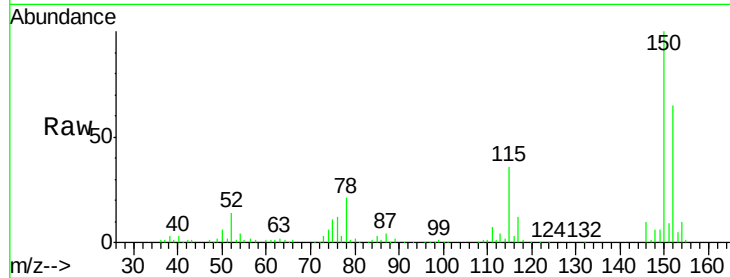
Tgt Ion:152 Resp: 151359

Ion Ratio Lower Upper

152 100

150 153.5 124.6 186.8

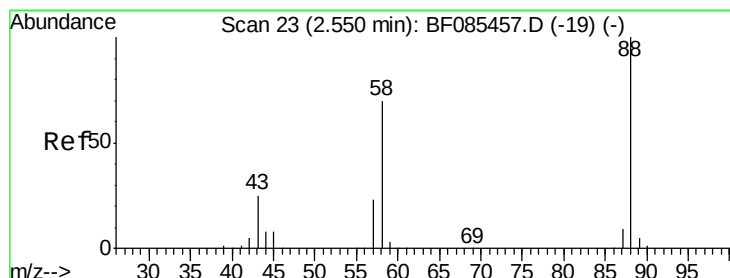
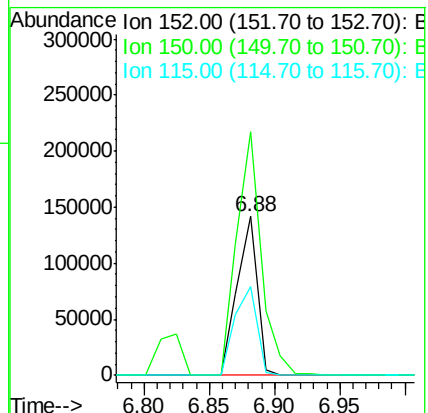
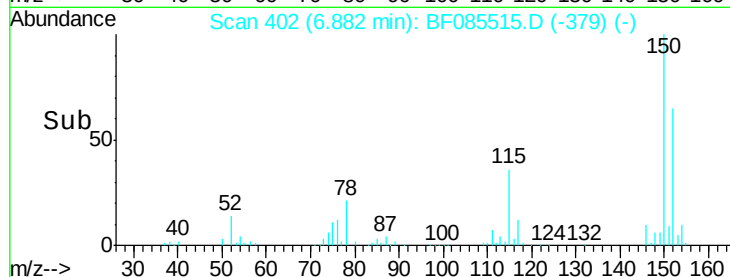
115 55.6 46.6 70.0



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: 36.48 ng

RT: 2.57 min Scan# 25

Delta R.T. 0.02 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

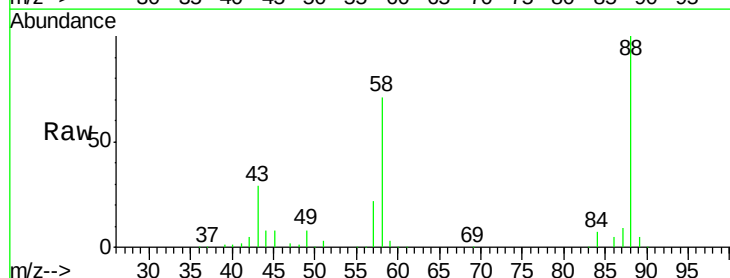
Tgt Ion: 88 Resp: 160282

Ion Ratio Lower Upper

88 100

58 70.7 57.0 85.6

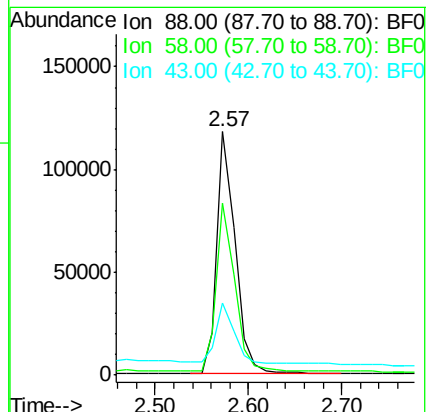
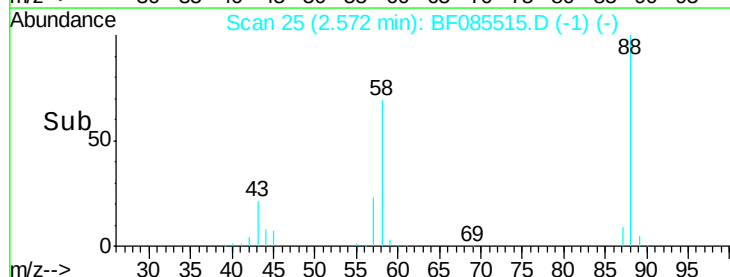
43 25.4 20.5 30.7

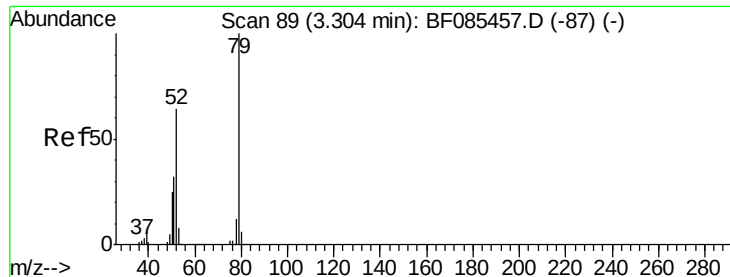


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.69 ng

RT: 3.32 min Scan# 90

Delta R.T. 0.01 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

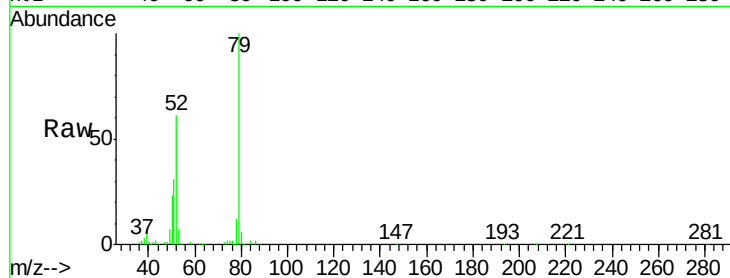
Tgt Ion: 79 Resp: 382698

Ion Ratio Lower Upper

79 100

52 60.8 52.6 79.0

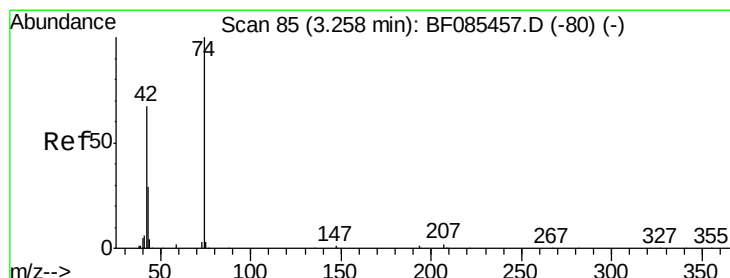
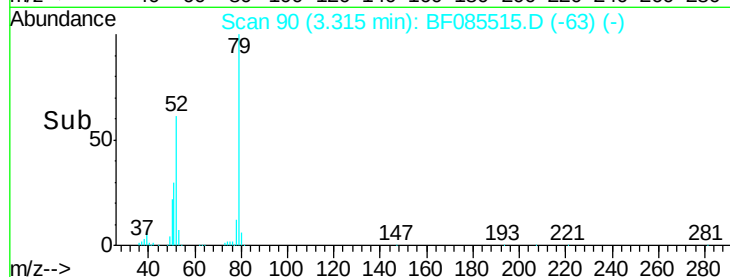
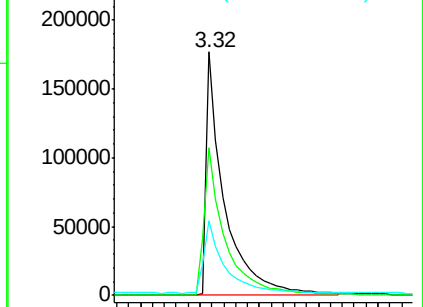
51 30.9 25.8 38.8



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: 42.38 ng

RT: 3.27 min Scan# 86

Delta R.T. 0.01 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

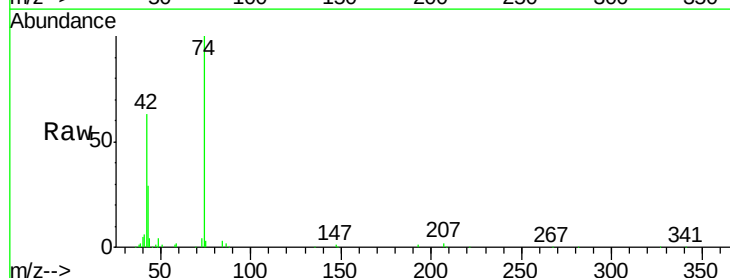
Tgt Ion: 42 Resp: 204136

Ion Ratio Lower Upper

42 100

74 157.7 116.8 175.2

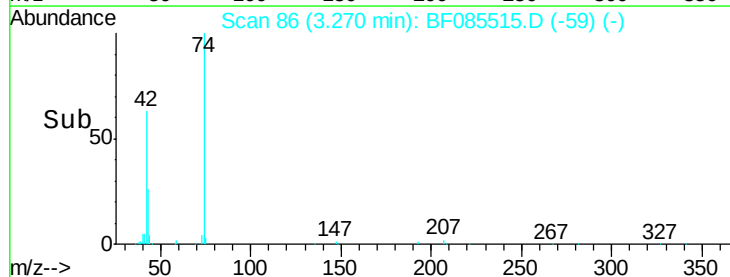
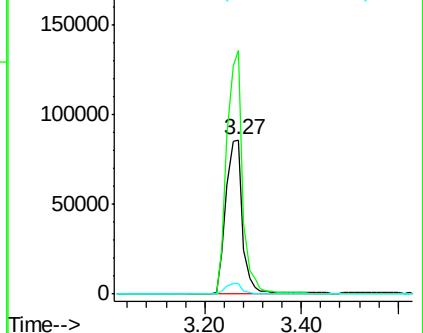
44 6.7 5.5 8.3

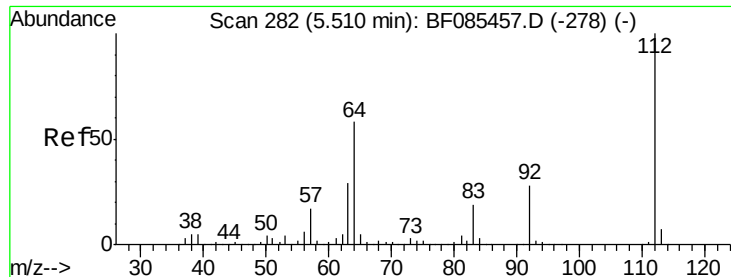


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 127.56 ng

RT: 5.49 min Scan# 280

Delta R.T. -0.02 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

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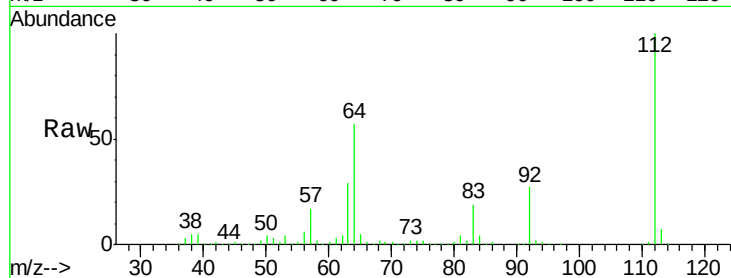
Tgt Ion: 112 Resp: 1123186

Ion Ratio Lower Upper

112 100

64 57.0 49.0 73.4

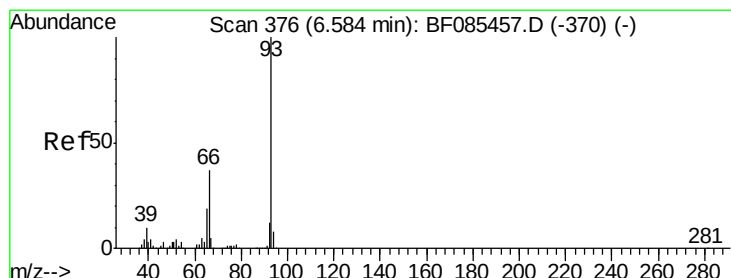
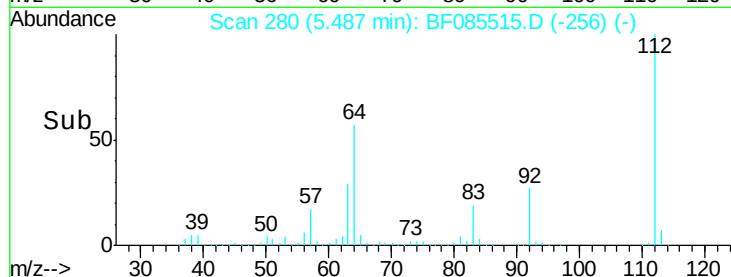
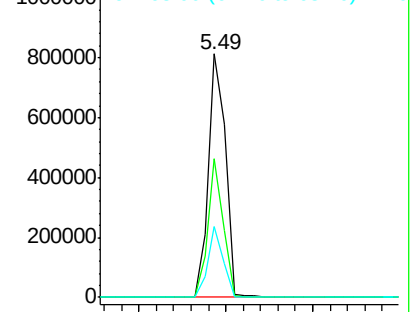
63 29.0 24.8 37.2



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: 26.14 ng

RT: 6.54 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

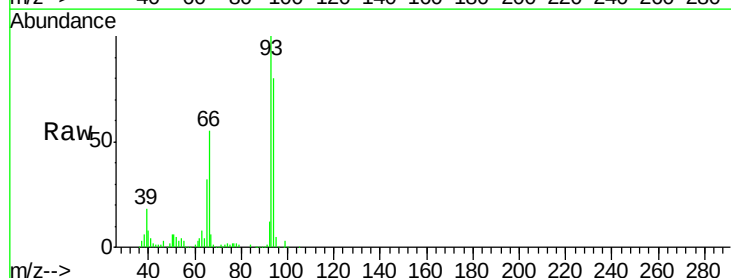
Tgt Ion: 93 Resp: 412229

Ion Ratio Lower Upper

93 100

66 55.5 31.6 47.4#

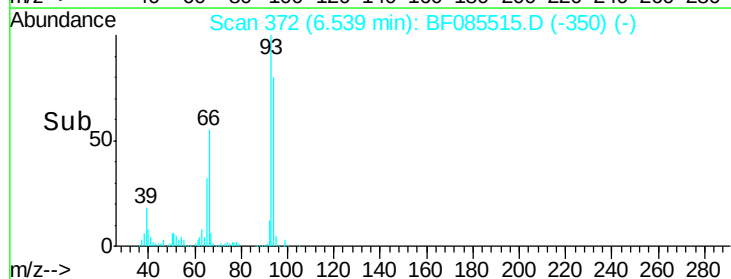
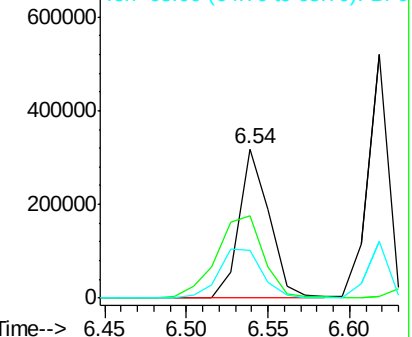
65 32.2 15.8 23.8#

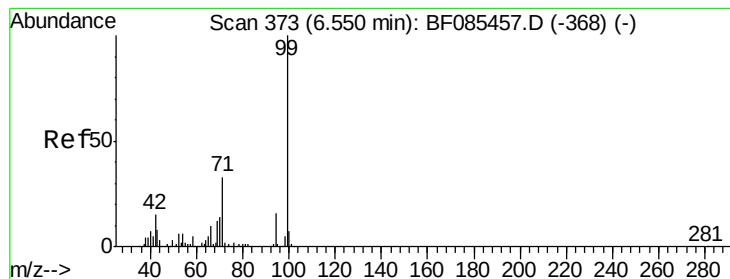


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.47 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF085515.D

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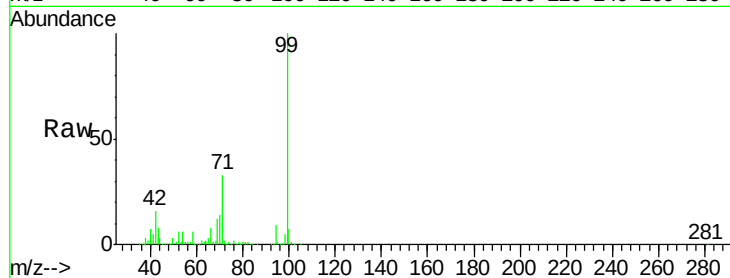
Tgt Ion: 99 Resp: 1444534

Ion Ratio Lower Upper

99 100

42 15.6 13.6 20.4

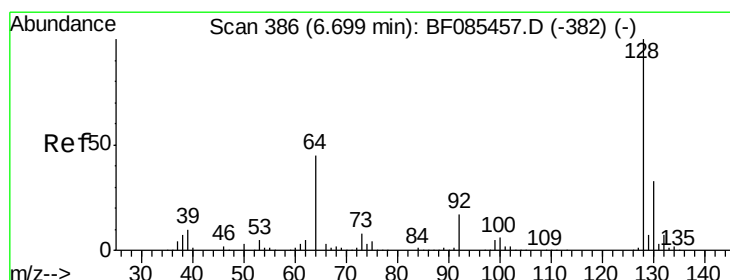
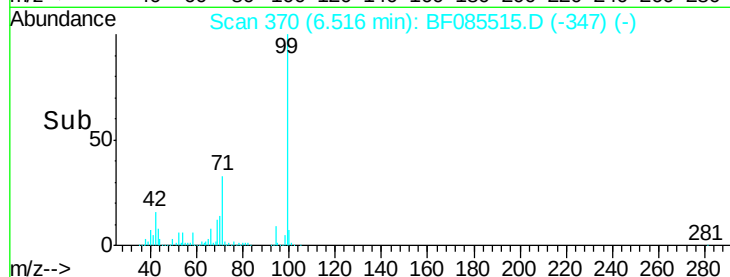
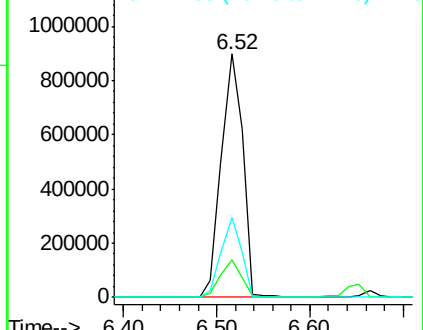
71 32.8 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.96 ng

RT: 6.66 min Scan# 383

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

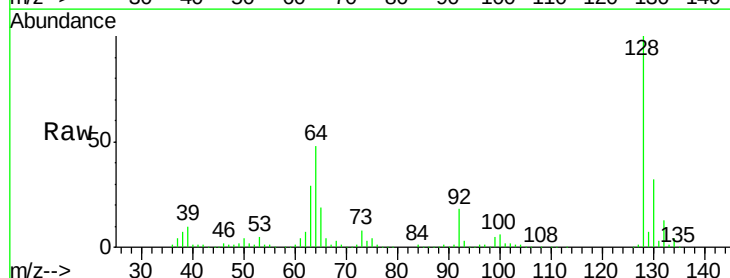
Tgt Ion: 128 Resp: 443531

Ion Ratio Lower Upper

128 100

130 32.2 13.3 53.3

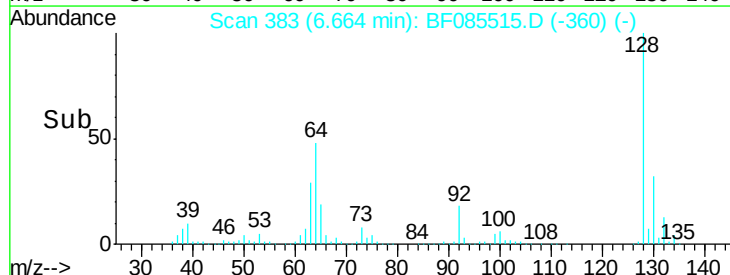
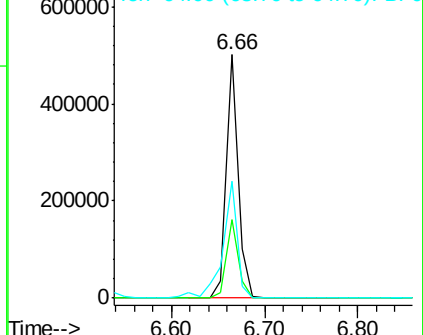
64 48.0 25.7 65.7

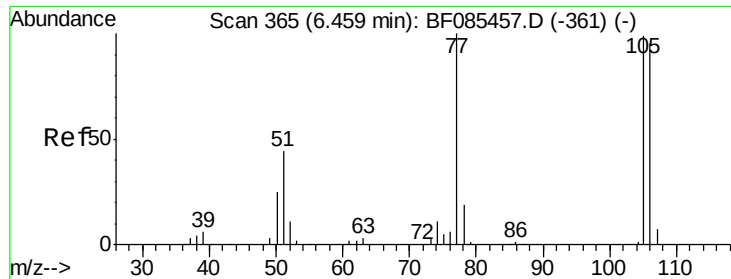


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.34 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

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ClientSampleId :

SB-14-COMPMSD

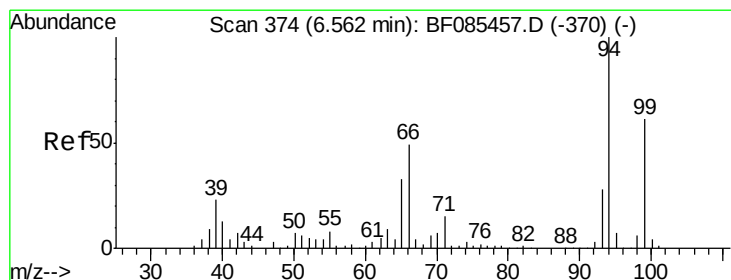
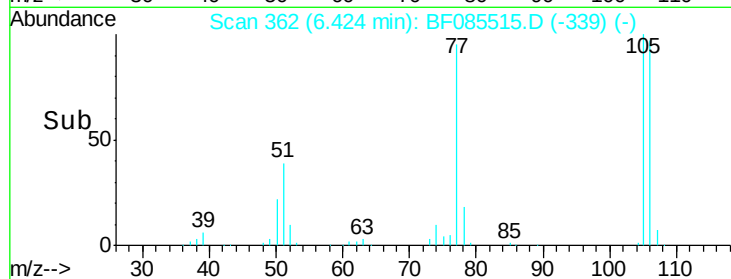
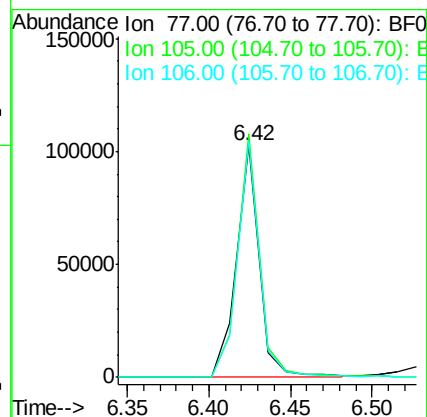
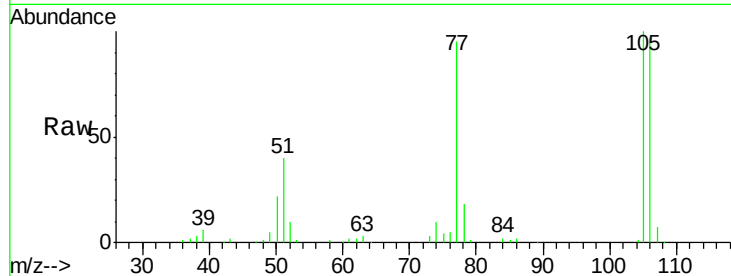
Tgt Ion: 77 Resp: 97854

Ion Ratio Lower Upper

77 100

105 105.2 78.2 118.2

106 102.0 72.9 112.9



#10

Phenol

Concen: 36.46 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

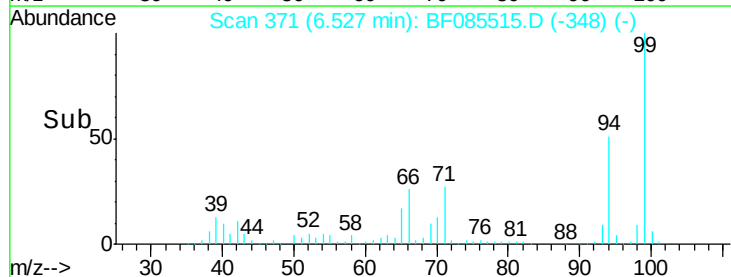
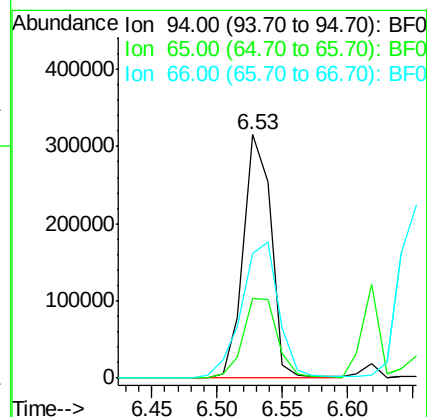
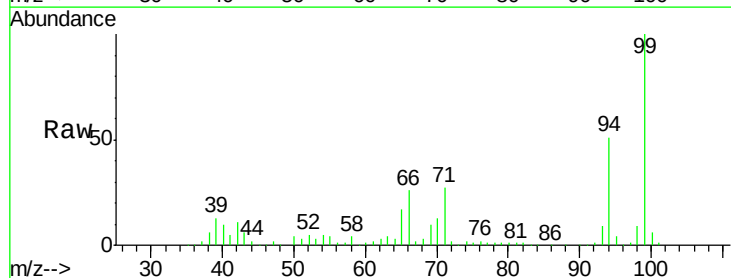
Tgt Ion: 94 Resp: 466818

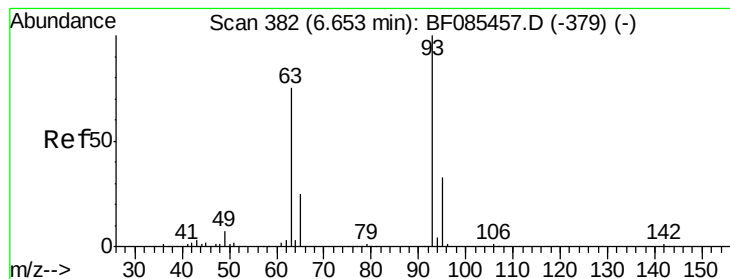
Ion Ratio Lower Upper

94 100

65 33.0 9.1 49.1

66 51.3 19.3 59.3





#11

bis(2-Chloroethyl)ether

Concen: 46.66 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

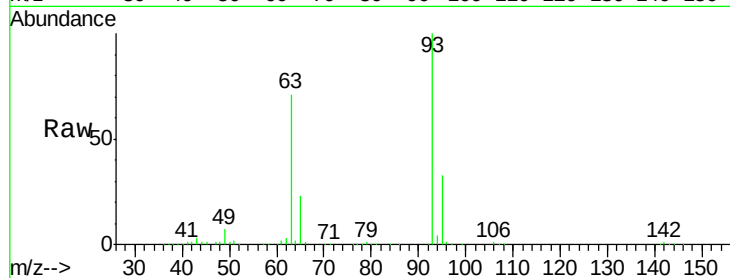
Tgt Ion: 93 Resp: 459360

Ion Ratio Lower Upper

93 100

63 70.6 50.9 90.9

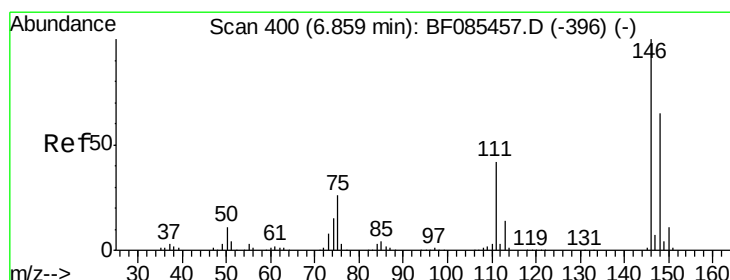
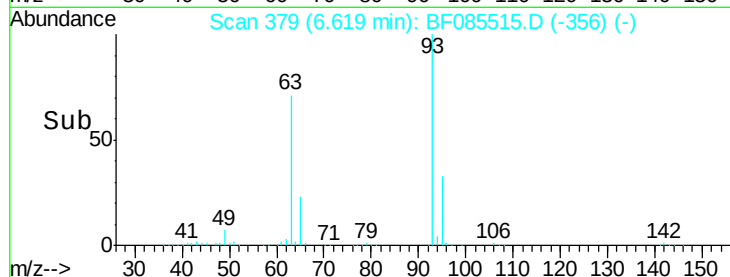
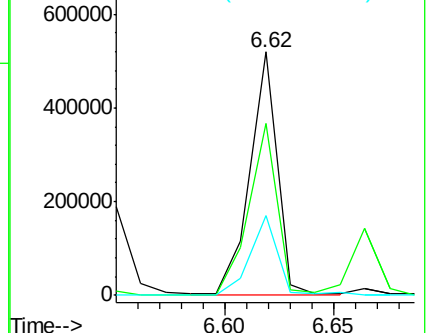
95 33.0 13.7 53.7



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.18 ng

RT: 7.05 min Scan# 417

Delta R.T. 0.19 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

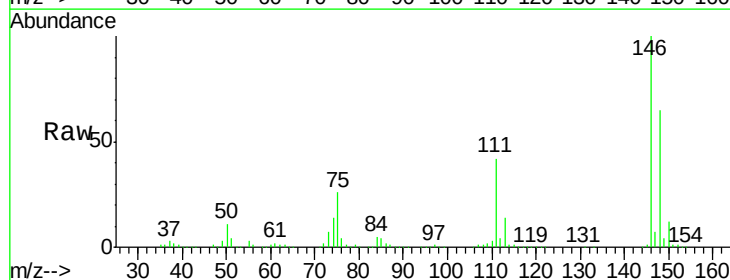
Tgt Ion: 146 Resp: 459700

Ion Ratio Lower Upper

146 100

148 65.3 52.1 78.1

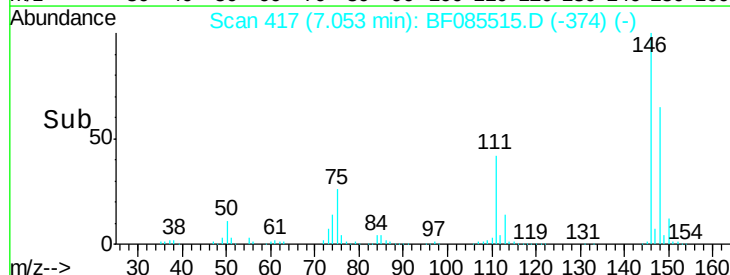
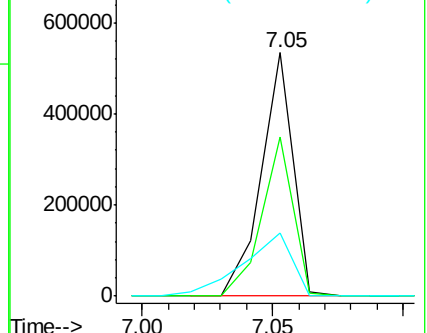
75 25.9 19.5 29.3

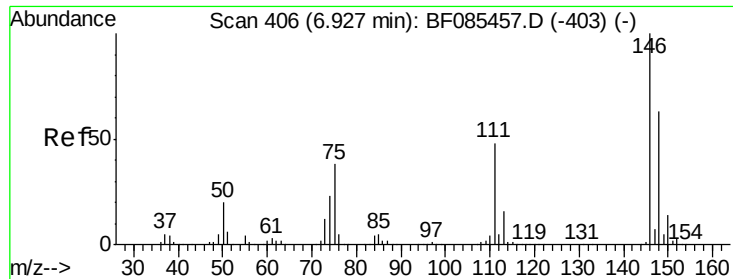


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

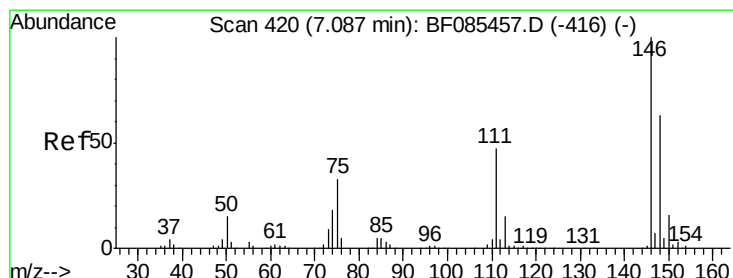
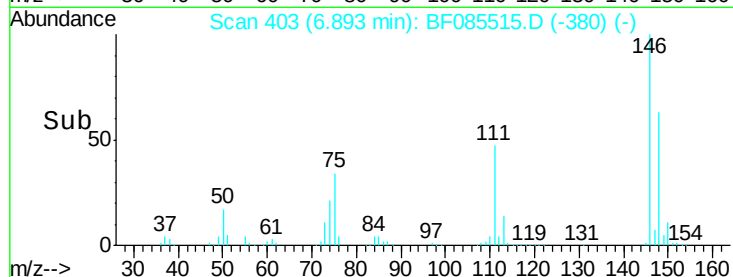
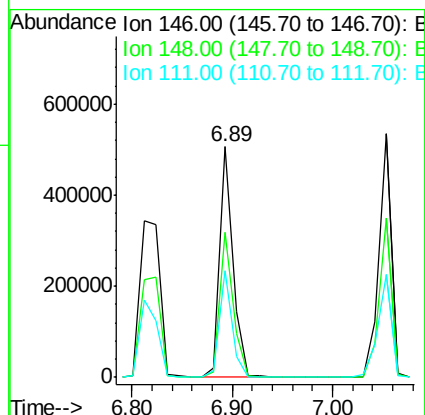
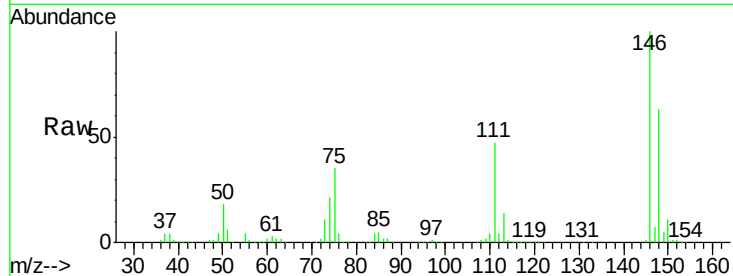




#13
 1,4-Dichlorobenzene
 Concen: 41.07 ng
 RT: 6.89 min Scan# 403
 Delta R.T. -0.03 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

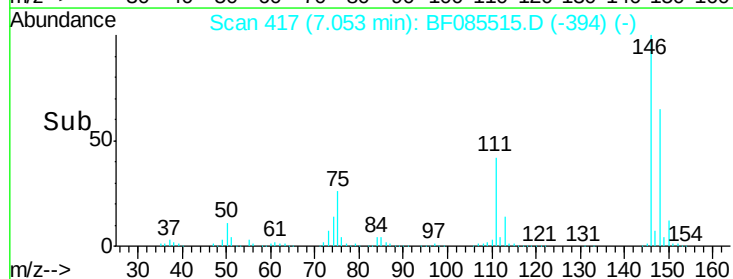
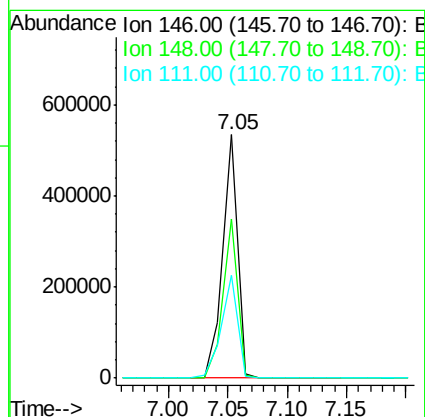
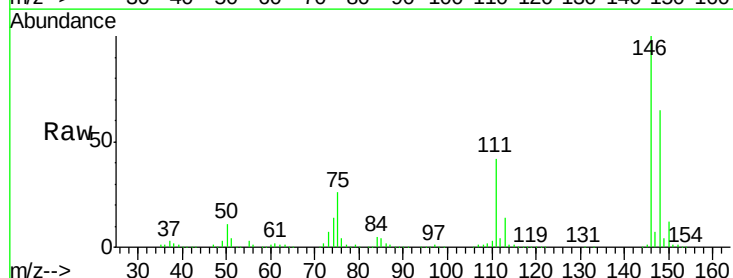
Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

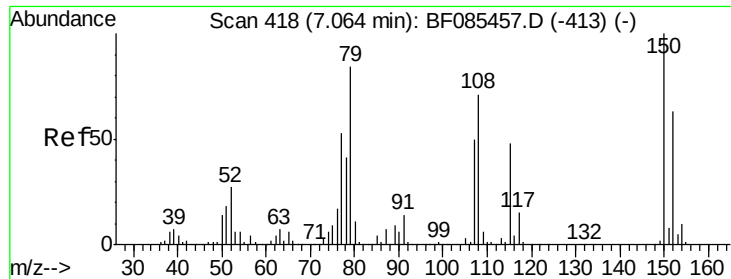
Tgt Ion:146 Resp: 470772
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.3 76.9
 111 46.6 38.4 57.6



#14
 1,2-Dichlorobenzene
 Concen: 45.92 ng
 RT: 7.05 min Scan# 417
 Delta R.T. -0.03 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

Tgt Ion:146 Resp: 461892
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.4 77.2
 111 42.1 36.7 55.1

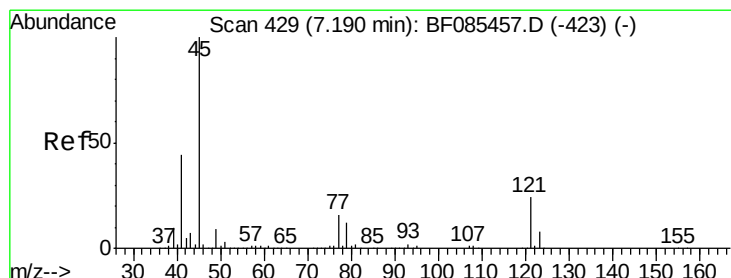
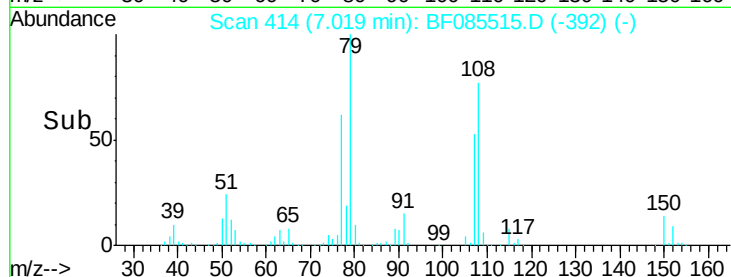
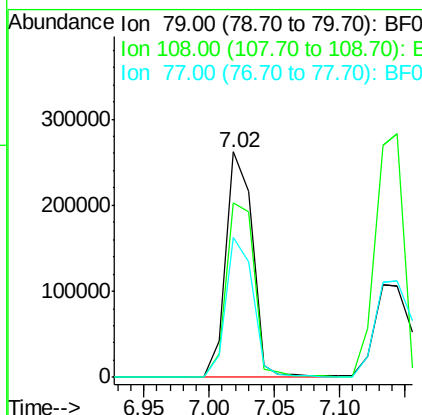
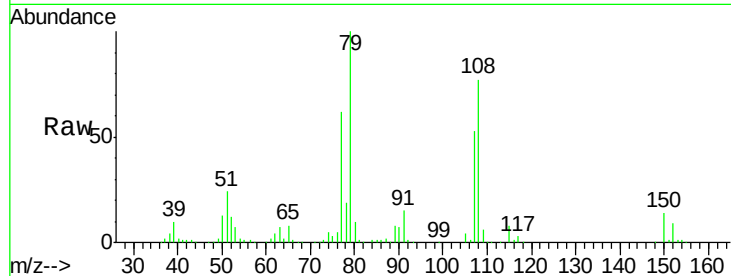




#15
Benzyl Alcohol
Concen: 45.94 ng
RT: 7.02 min Scan# 414
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

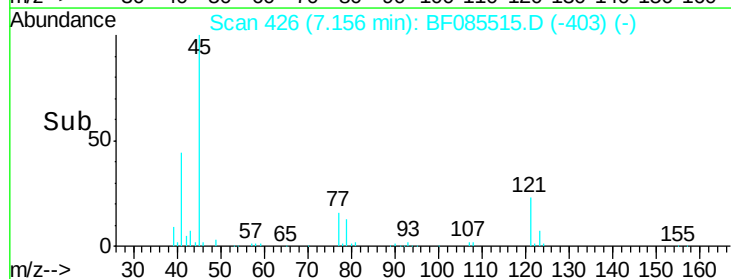
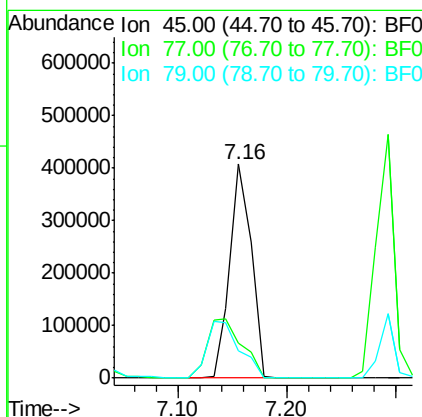
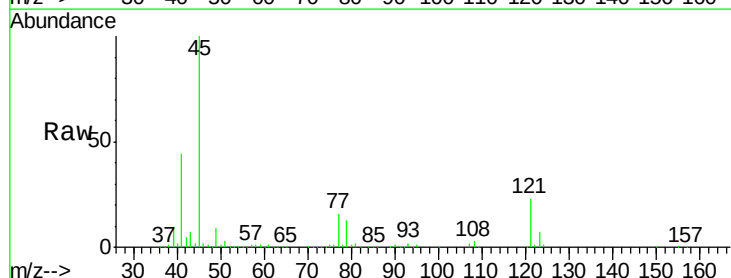
Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMSD

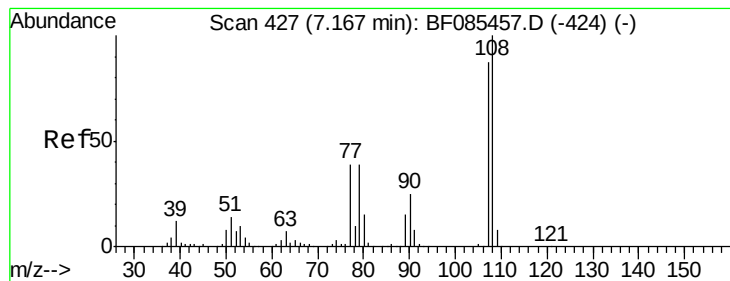
Tgt Ion: 79 Resp: 374748
Ion Ratio Lower Upper
79 100
108 77.3 62.9 94.3
77 61.9 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.53 ng
RT: 7.16 min Scan# 426
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion: 45 Resp: 556782
Ion Ratio Lower Upper
45 100
77 16.3 0.0 35.1
79 12.8 0.0 31.3





#17

2-Methylphenol

Concen: 43.04 ng

RT: 7.14 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

Tgt Ion:107 Resp: 372037

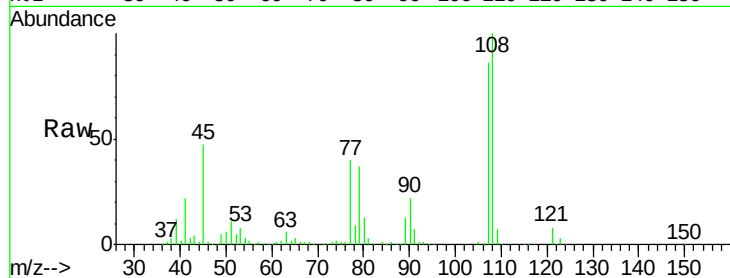
Ion Ratio Lower Upper

107 100

108 116.0 90.9 136.3

77 45.9 32.6 48.8

79 43.2 32.8 49.2

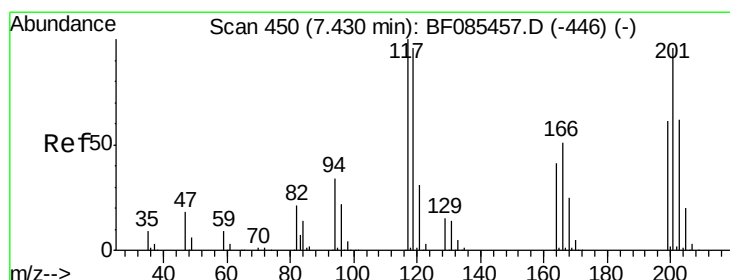
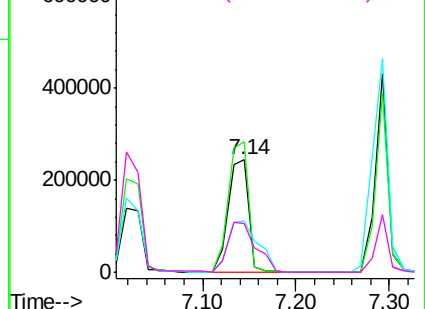
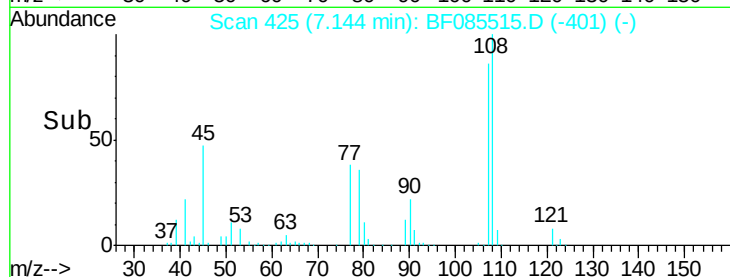


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.39 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

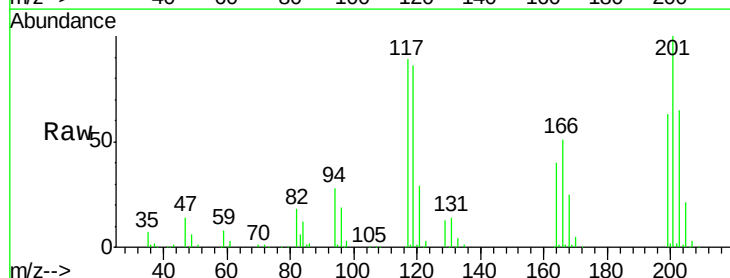
Tgt Ion:117 Resp: 174043

Ion Ratio Lower Upper

117 100

119 97.4 78.2 117.4

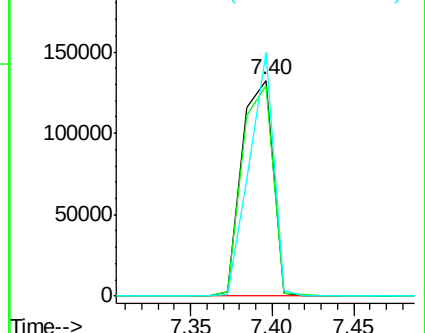
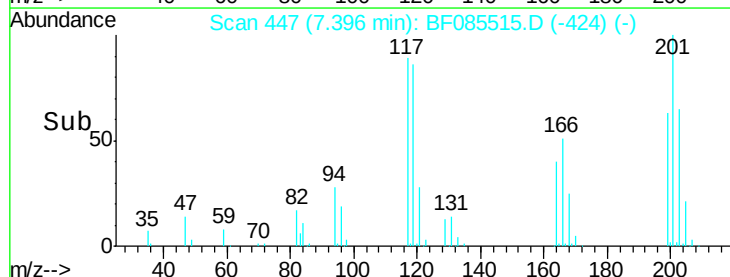
201 112.7 72.0 108.0#

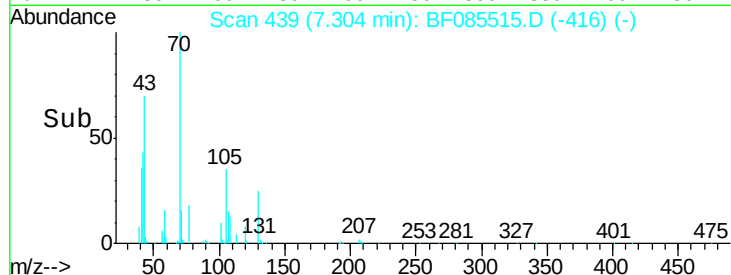
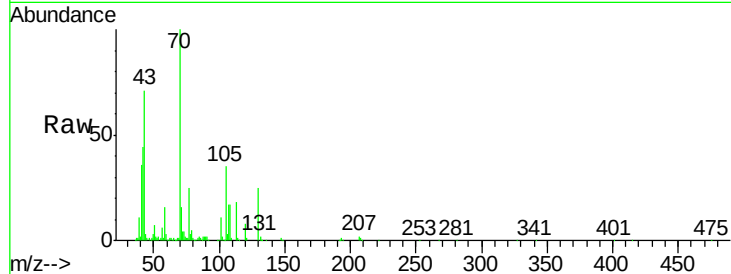
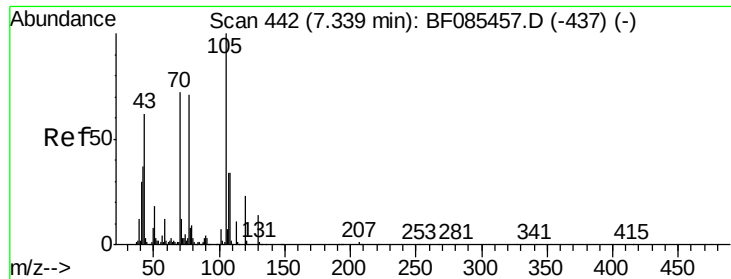


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

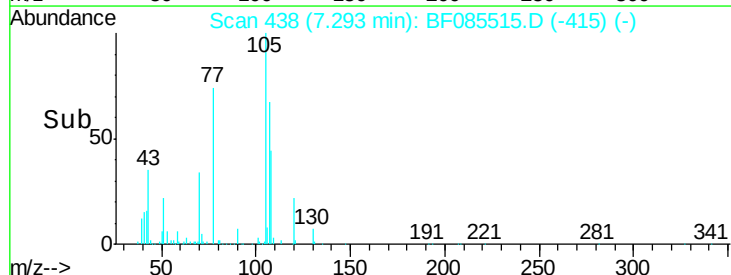
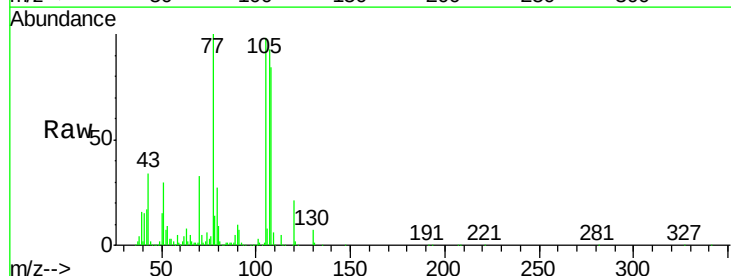
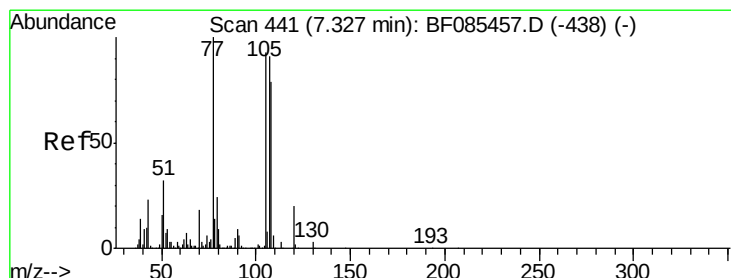
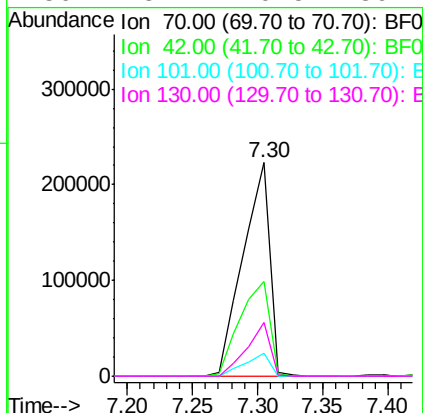




#19
n-Nitroso-di-n-propylamine
Concen: 46.71 ng
RT: 7.30 min Scan# 439
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

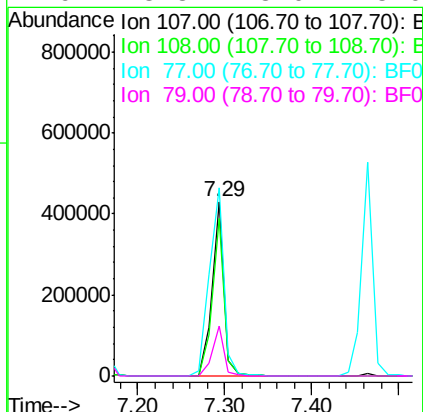
Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMSD

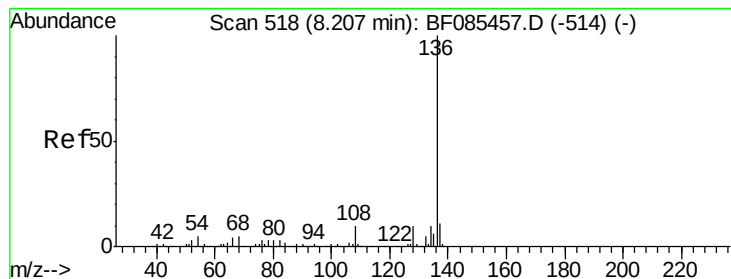
Tgt Ion:	70	Resp:	319513
Ion	Ratio	Lower	Upper
70	100		
42	44.4	37.7	56.5
101	10.7	8.2	12.4
130	25.1	20.5	30.7



#20
3+4-Methylphenols
Concen: 44.69 ng
RT: 7.29 min Scan# 438
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:	107	Resp:	414101
Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.8	108.8
77	107.7	53.6	93.6#
79	28.8	8.0	48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 514

Delta R.T. -0.05 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

Tgt Ion:136 Resp: 568922

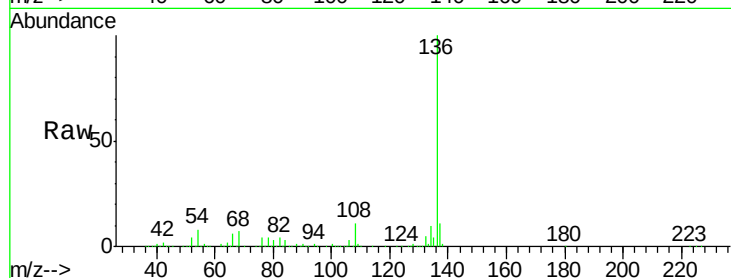
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 8.0 7.4 11.2

68 6.6 6.0 9.0

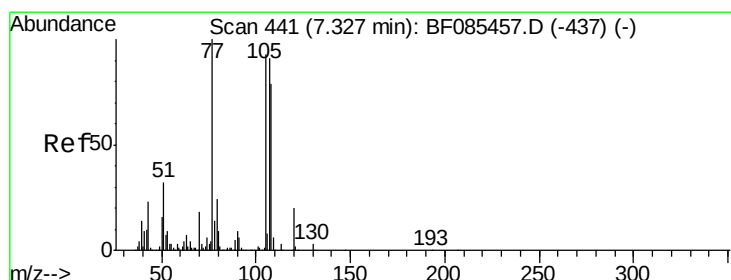
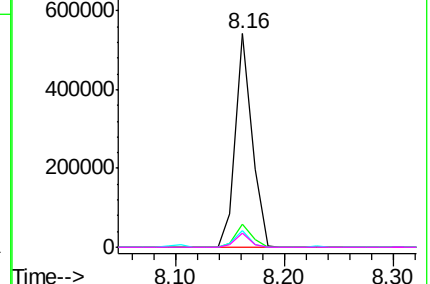
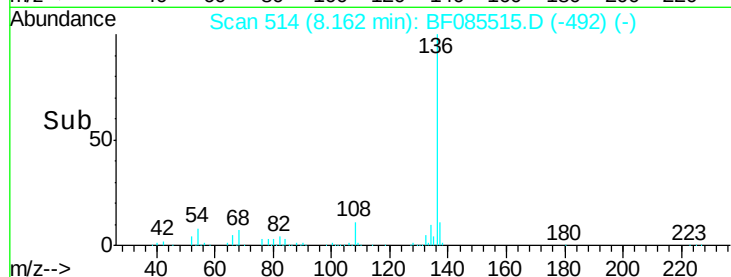


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 40.56 ng

RT: 7.29 min Scan# 438

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Tgt Ion:105 Resp: 565500

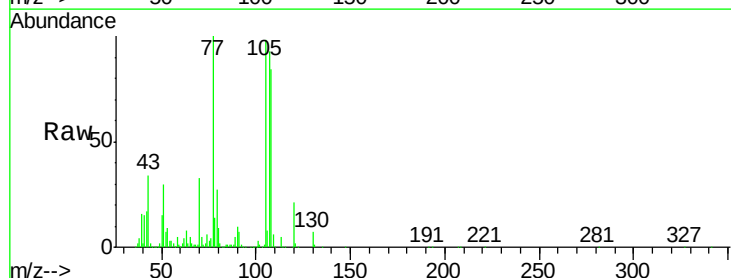
Ion Ratio Lower Upper

105 100

71 5.6 4.1 6.1

51 30.8 21.1 31.7

120 21.7 17.3 25.9

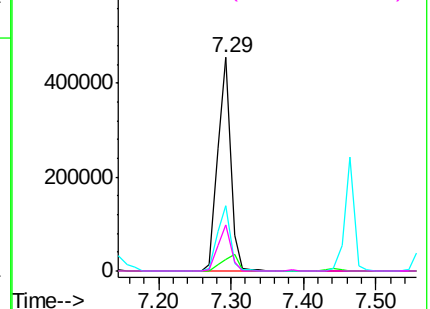
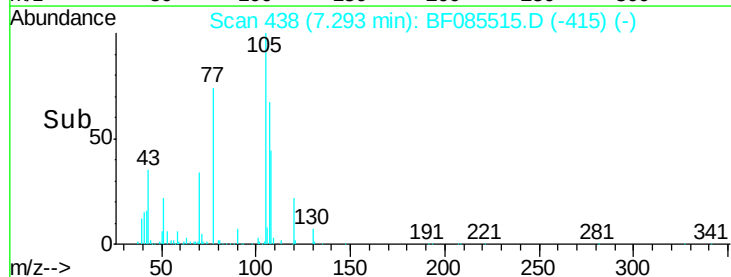


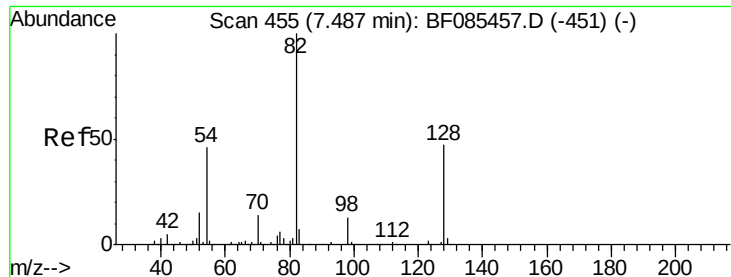
Abundance Ion 105.00 (104.70 to 105.70): E

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

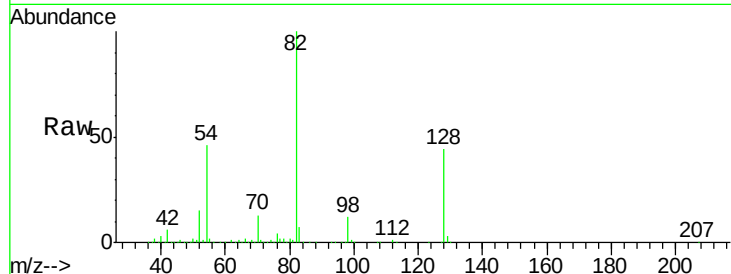




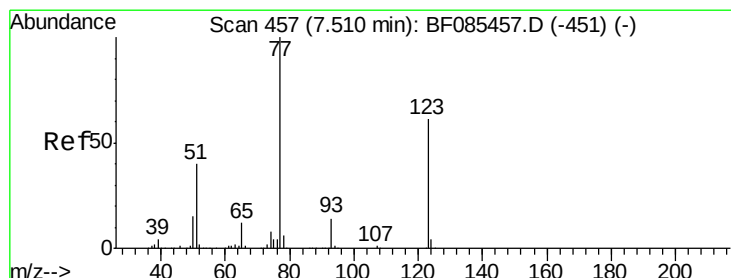
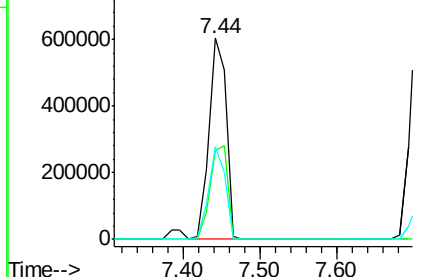
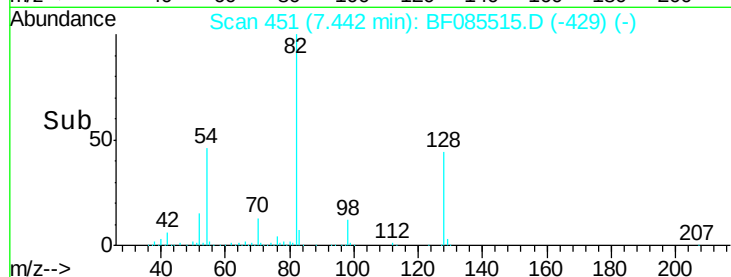
#23
 Nitrobenzene-d5
 Concen: 95.90 ng
 RT: 7.44 min Scan# 451
 Delta R.T. -0.05 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.5	51.7
54	46.3	39.3	58.9

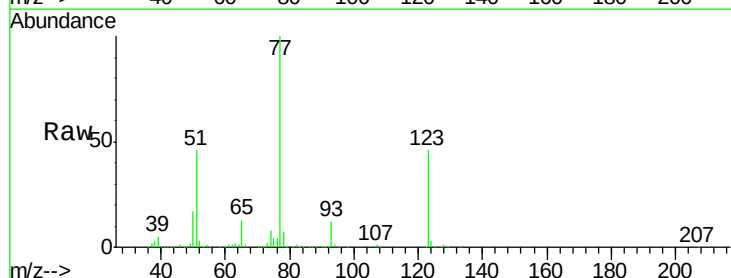


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

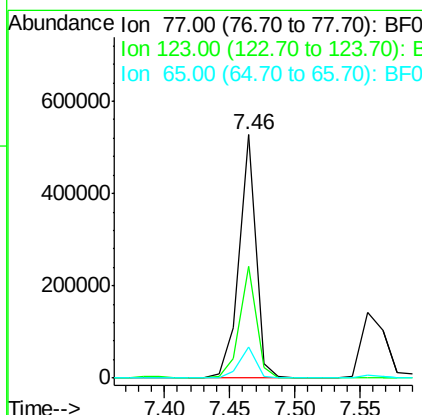
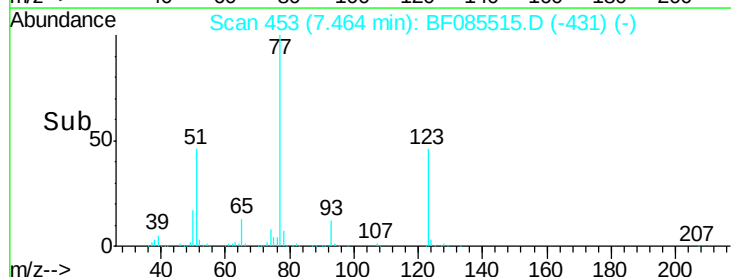


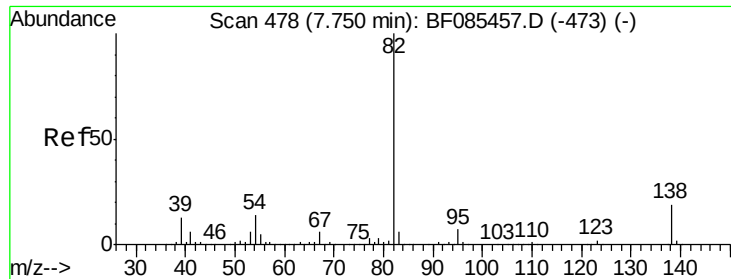
#24
 Nitrobenzene
 Concen: 43.05 ng
 RT: 7.46 min Scan# 453
 Delta R.T. -0.05 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	35.4	53.2
65	12.8	10.6	16.0



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





#25

Isophorone

Concen: 44.42 ng

RT: 7.70 min Scan# 474

Delta R.T. -0.05 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

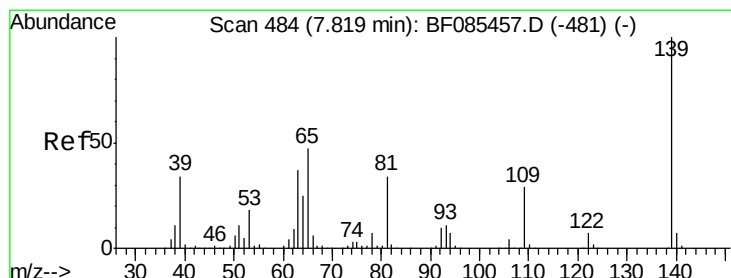
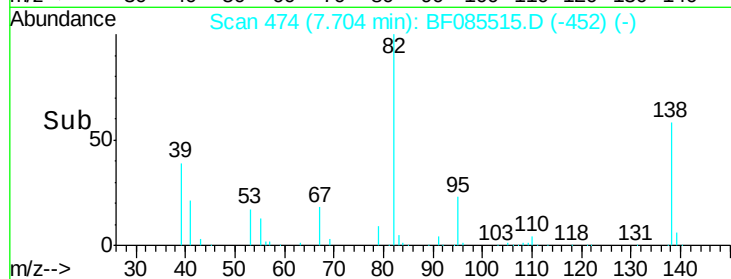
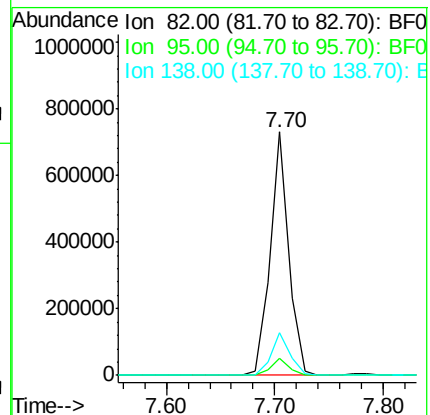
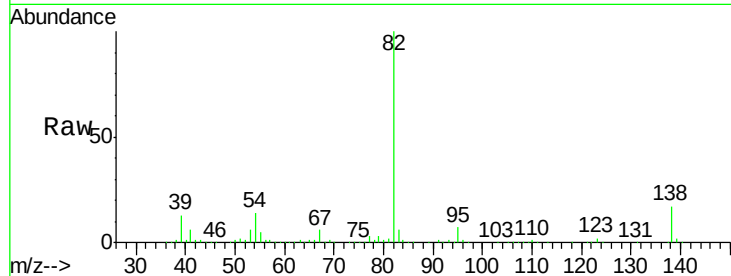
Tgt Ion: 82 Resp: 871687

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 17.5 13.3 19.9



#26

2-Nitrophenol

Concen: 50.01 ng

RT: 7.78 min Scan# 481

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

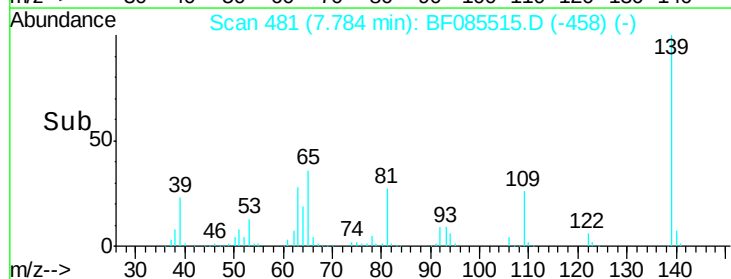
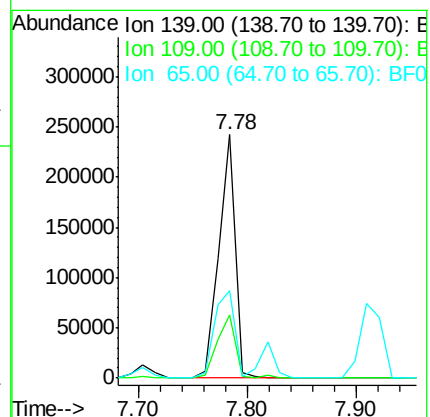
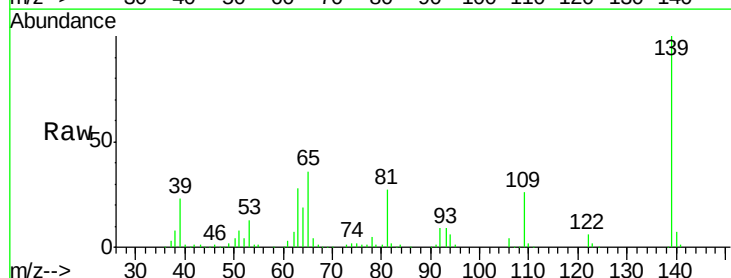
Tgt Ion: 139 Resp: 259741

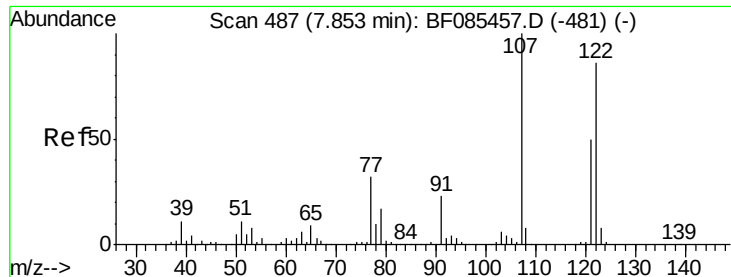
Ion Ratio Lower Upper

139 100

109 26.1 19.1 28.7

65 35.7 23.9 35.9





#27

2,4-Dimethylphenol

Concen: 42.13 ng

RT: 7.82 min Scan# 484

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

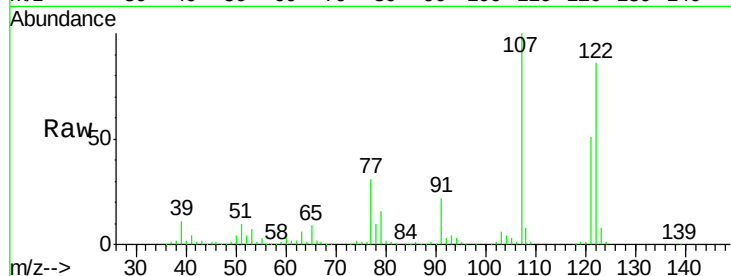
Tgt Ion:122 Resp: 389151

Ion Ratio Lower Upper

122 100

107 116.4 84.8 127.2

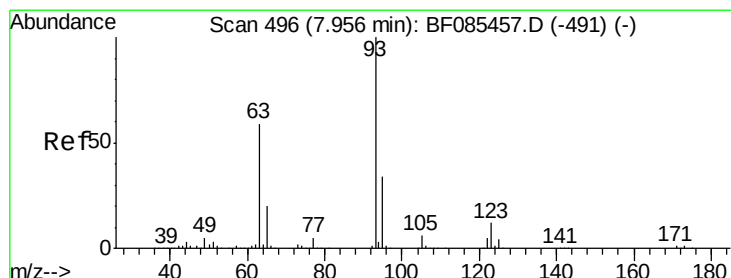
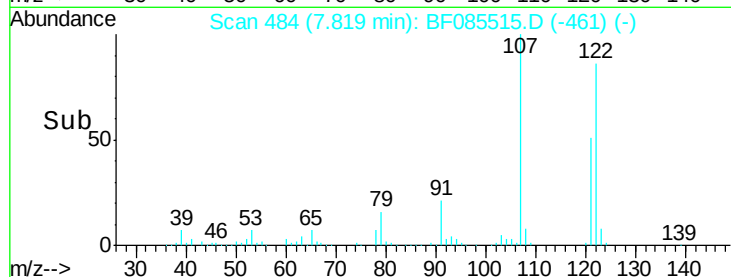
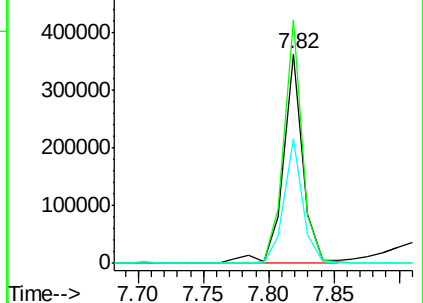
121 59.5 47.0 70.6



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: 45.42 ng

RT: 7.91 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

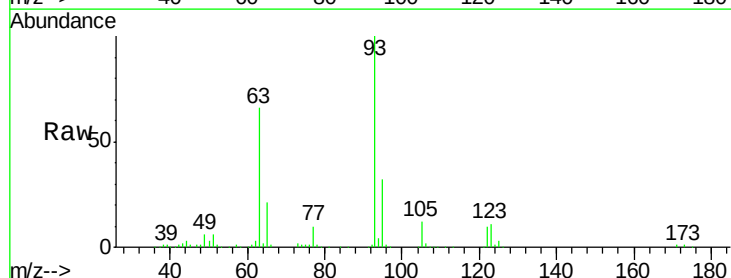
Tgt Ion: 93 Resp: 532870

Ion Ratio Lower Upper

93 100

95 31.9 25.9 38.9

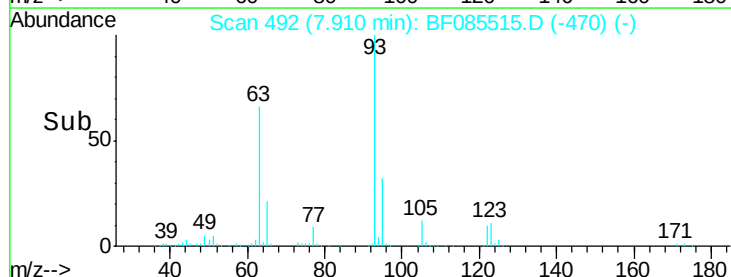
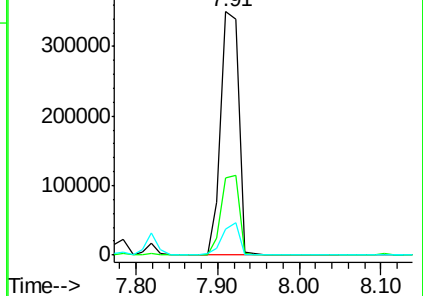
123 10.8 8.8 13.2

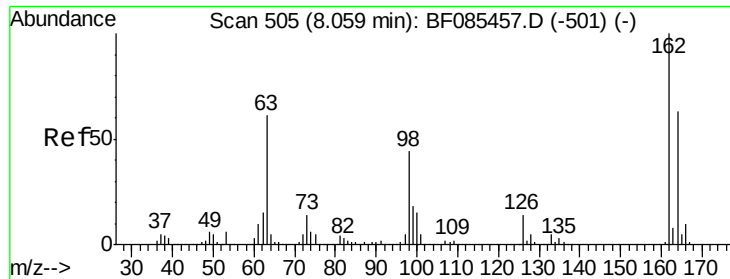


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

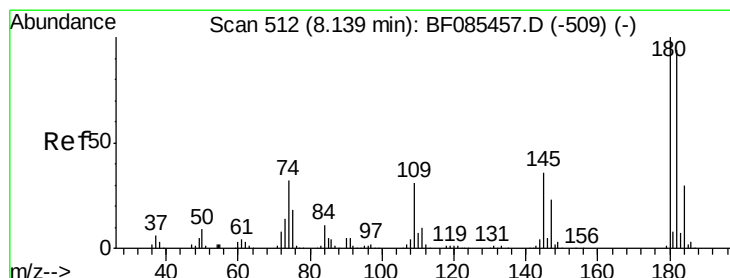
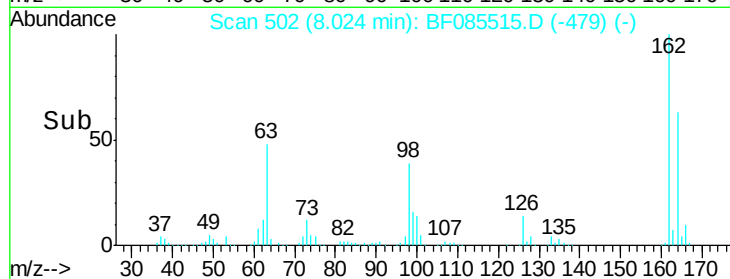
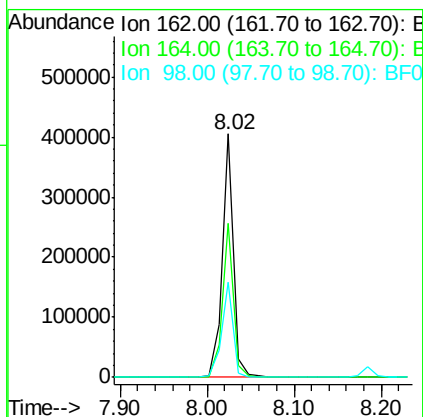
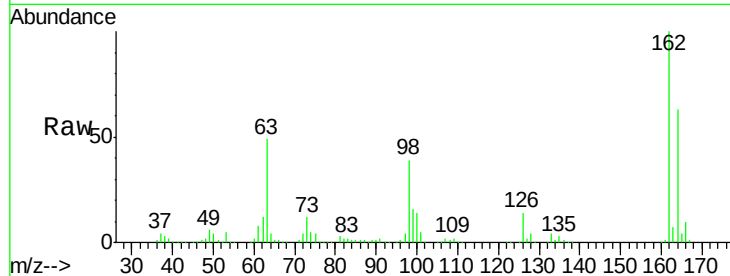




#29
 2,4-Dichlorophenol
 Concen: 49.04 ng
 RT: 8.02 min Scan# 502
 Delta R.T. -0.03 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

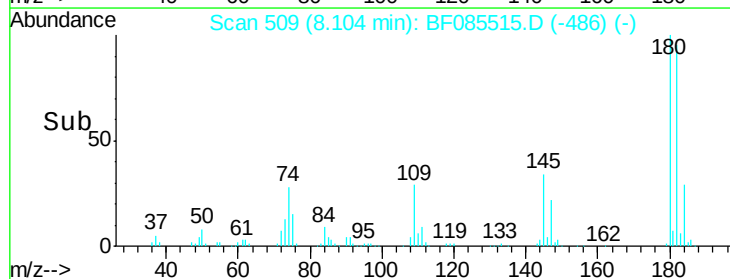
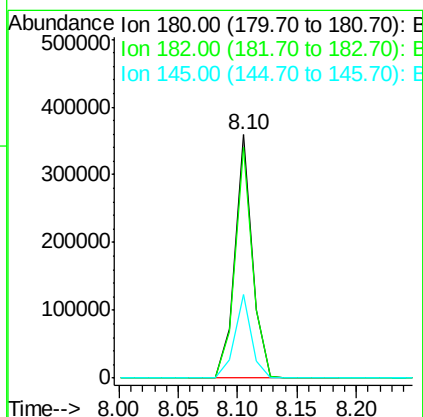
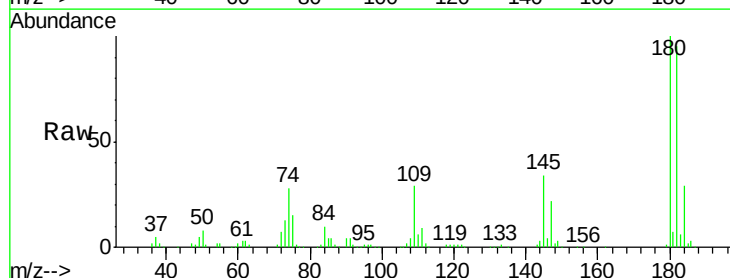
Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

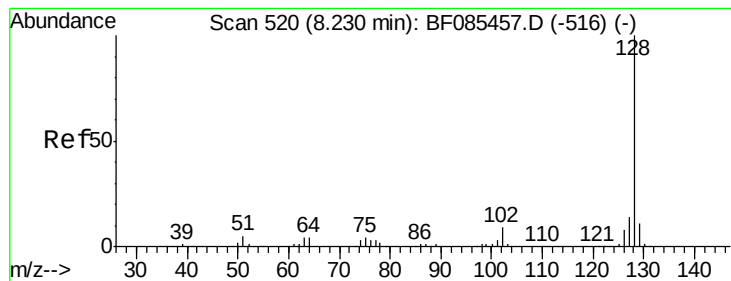
Tgt Ion:162 Resp: 367548
 Ion Ratio Lower Upper
 162 100
 164 63.4 45.7 85.7
 98 39.2 9.4 49.4



#30
 1,2,4-Trichlorobenzene
 Concen: 42.56 ng
 RT: 8.10 min Scan# 509
 Delta R.T. -0.03 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

Tgt Ion:180 Resp: 368542
 Ion Ratio Lower Upper
 180 100
 182 94.7 74.9 112.3
 145 34.5 27.9 41.9





#31

Naphthalene

Concen: 42.69 ng

RT: 8.18 min Scan# 516

Delta R.T. -0.05 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

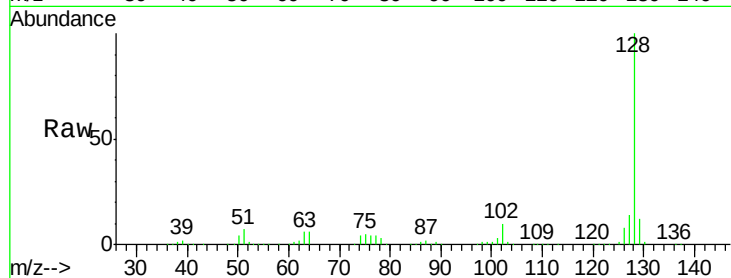
Tgt Ion:128 Resp: 1186658

Ion Ratio Lower Upper

128 100

129 11.6 9.7 14.5

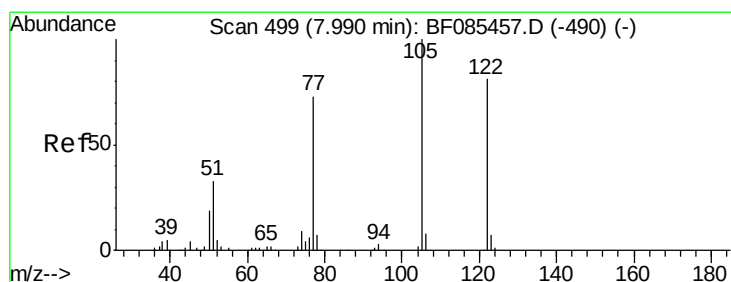
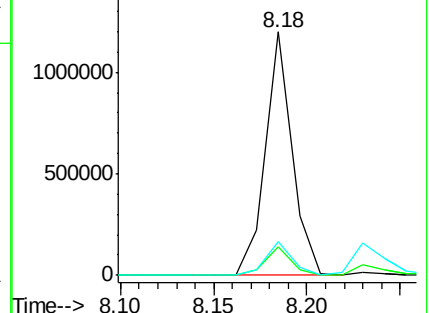
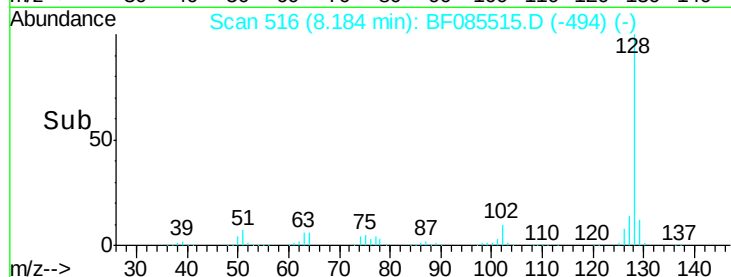
127 14.0 11.2 16.8



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: 20.77 ng

RT: 7.92 min Scan# 493

Delta R.T. -0.07 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

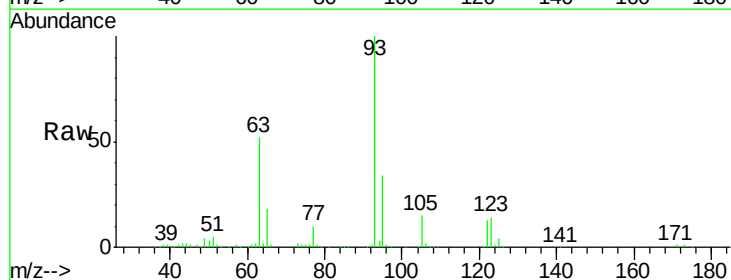
Tgt Ion:122 Resp: 110320

Ion Ratio Lower Upper

122 100

105 116.0 101.3 141.3

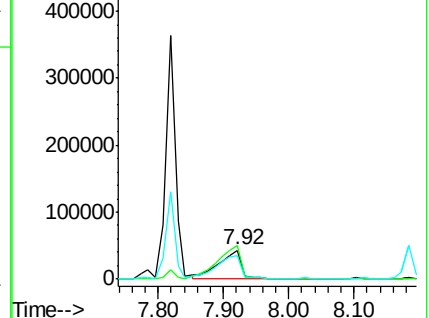
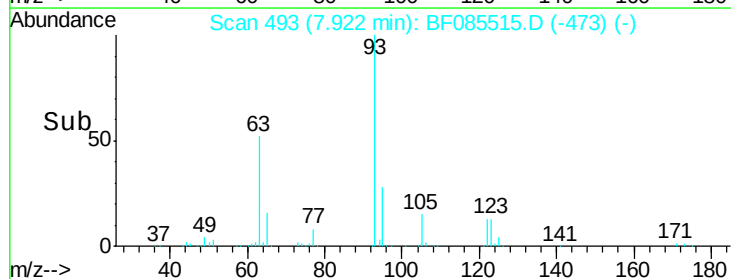
77 82.6 74.7 114.7

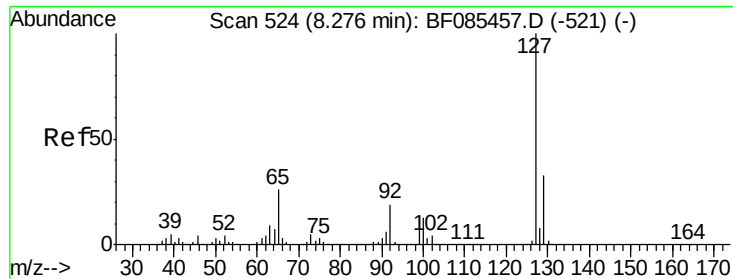


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

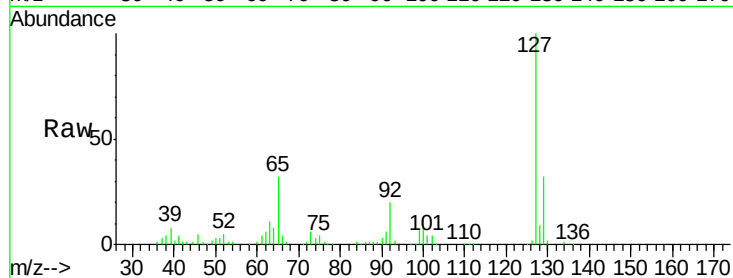




#33
4-Chloroaniline
Concen: 17.24 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.05 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMSD

Tgt Ion:	127	Resp:	206117
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.1	39.1
65	31.9	27.0	40.6
92	19.8	17.4	26.0



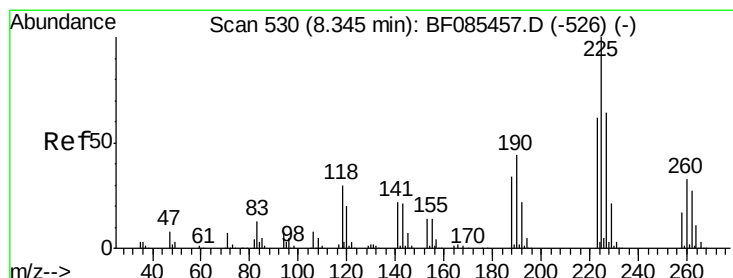
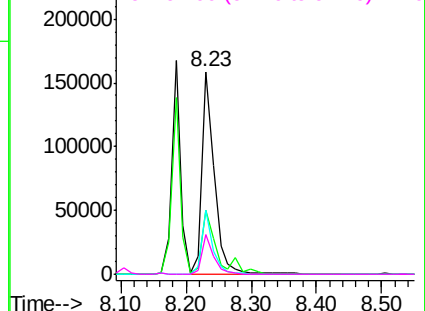
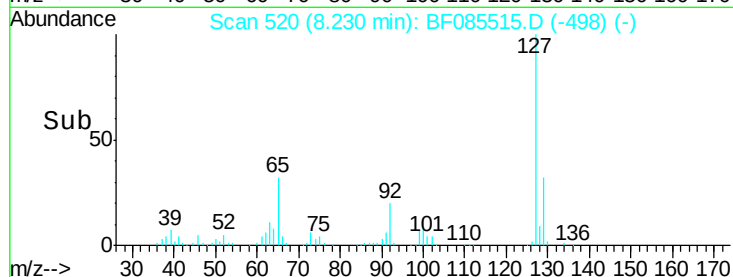
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

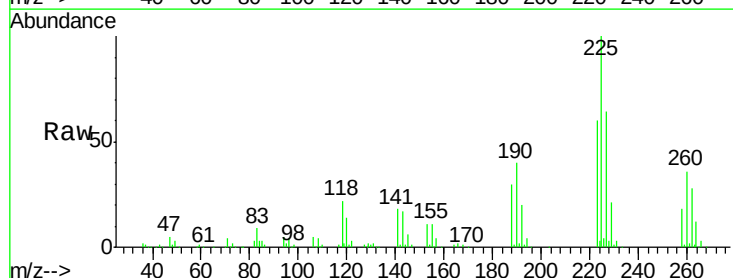
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 42.84 ng
RT: 8.31 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion:	225	Resp:	193928
Ion	Ratio	Lower	Upper
225	100		
223	59.6	49.7	74.5
227	64.3	52.2	78.4

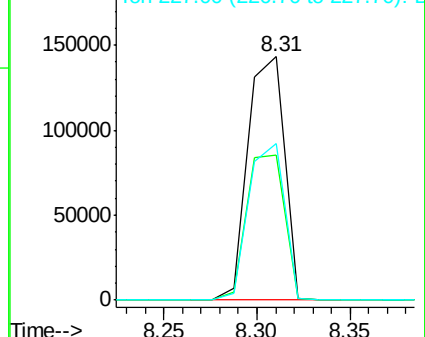
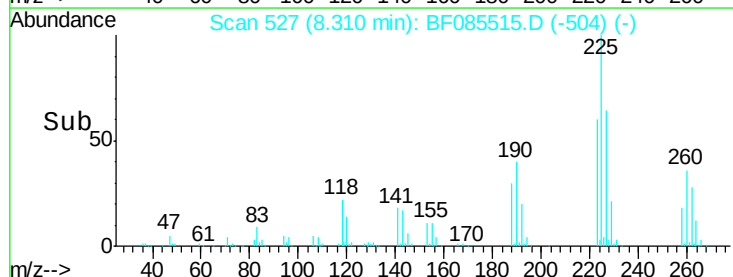


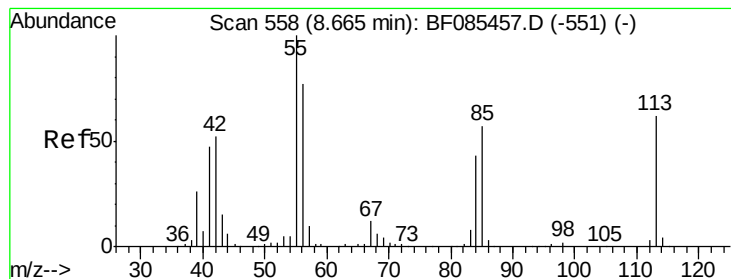
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.01 ng

RT: 8.61 min Scan# 553

Delta R.T. -0.06 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

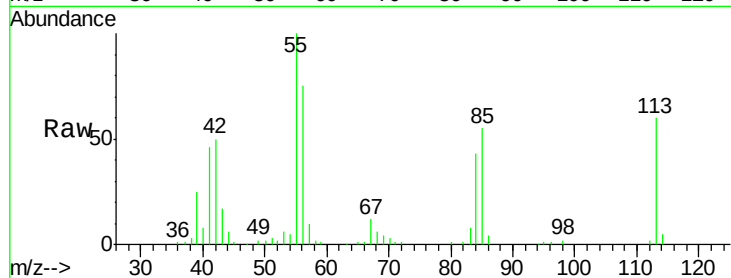
Tgt Ion:113 Resp: 90567

Ion Ratio Lower Upper

113 100

55 165.6 152.7 192.7

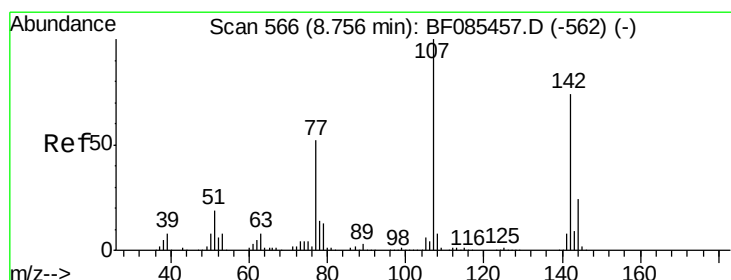
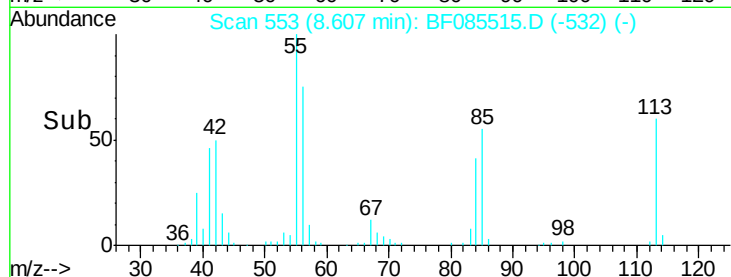
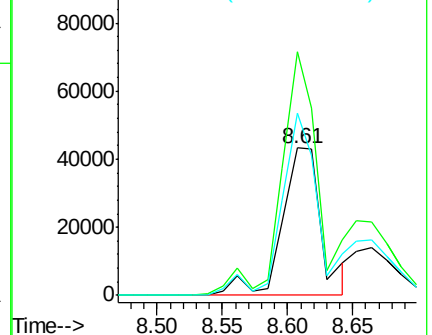
56 123.6 109.0 149.0



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: 44.13 ng

RT: 8.72 min Scan# 563

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

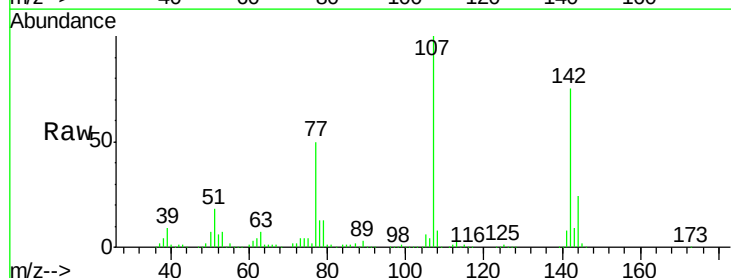
Tgt Ion:107 Resp: 377651

Ion Ratio Lower Upper

107 100

144 24.3 19.4 29.2

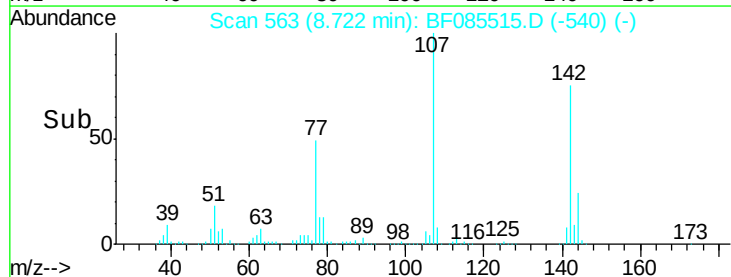
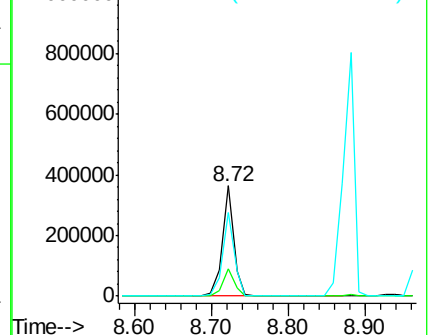
142 75.3 59.4 89.2

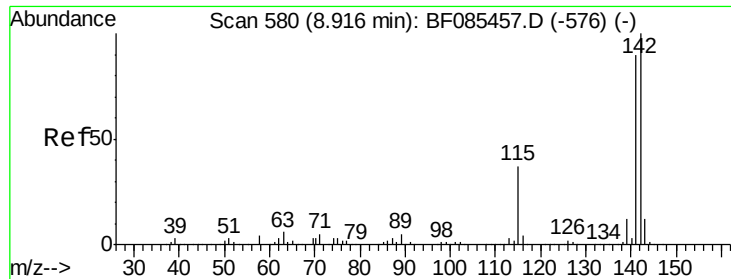


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.22 ng

RT: 8.88 min Scan# 577

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

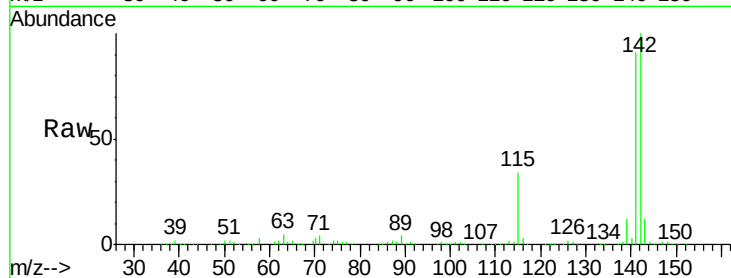
Tgt Ion:142 Resp: 848825

Ion Ratio Lower Upper

142 100

141 90.7 71.7 107.5

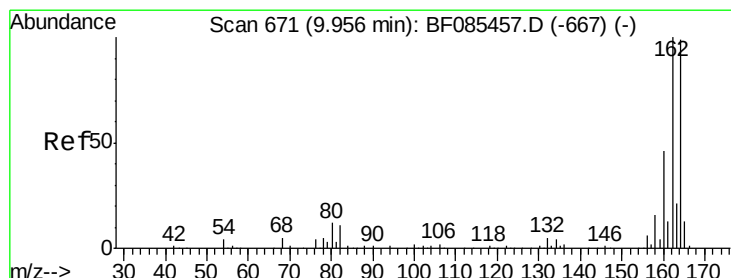
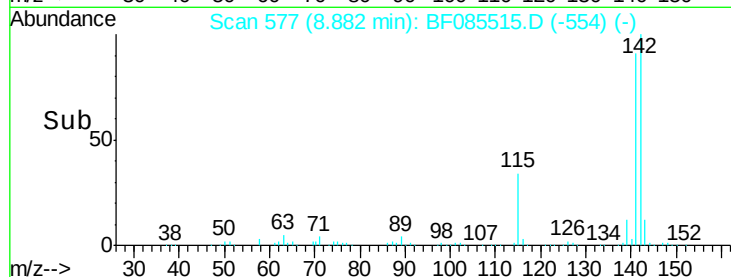
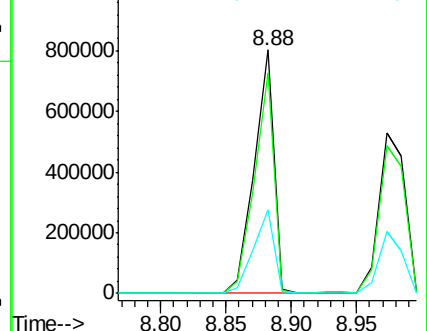
115 34.2 26.2 39.4



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: 9.92 min Scan# 668

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

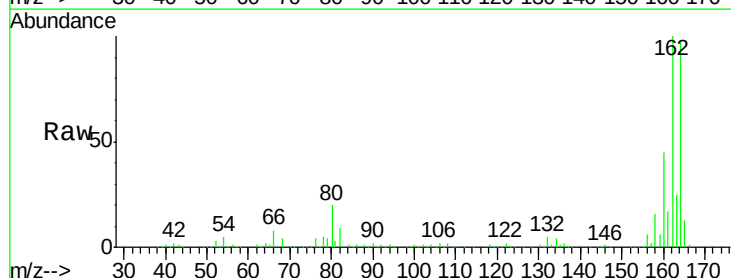
Tgt Ion:164 Resp: 262097

Ion Ratio Lower Upper

164 100

162 102.6 83.3 124.9

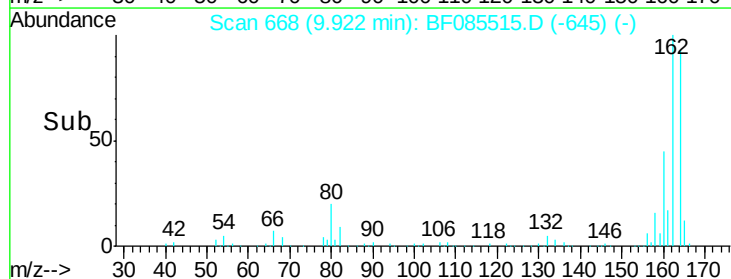
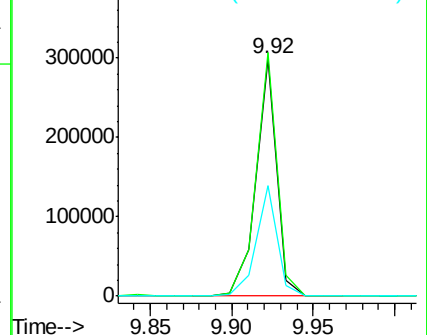
160 46.4 37.9 56.9

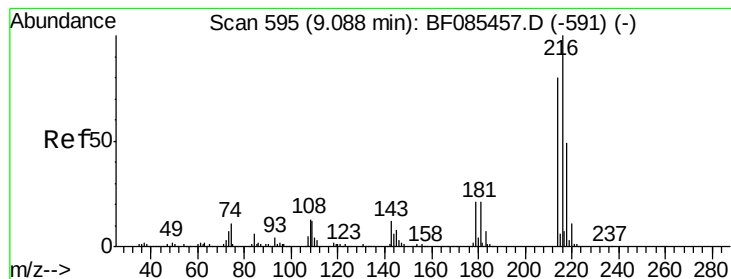


Abundance Ion 164.00 (163.70 to 164.70): E

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: 38.29 ng

RT: 9.04 min Scan# 591

Delta R.T. -0.05 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

Tgt Ion:216 Resp: 312111

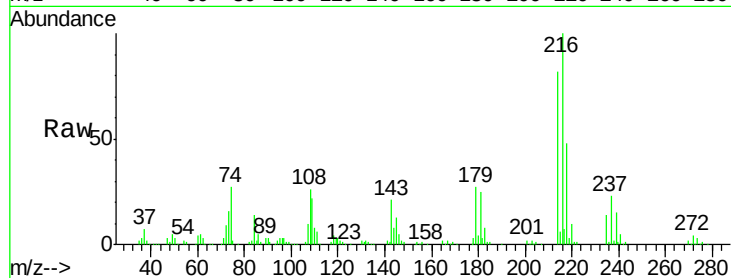
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.6

179 23.1 19.6 29.4

108 22.2 19.6 29.4

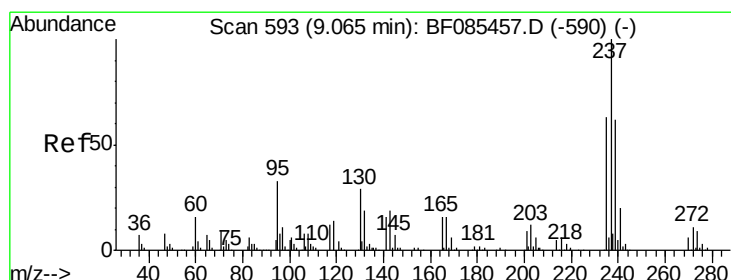
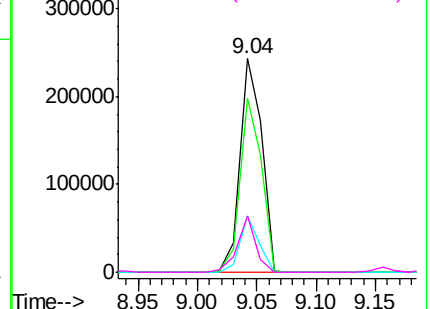
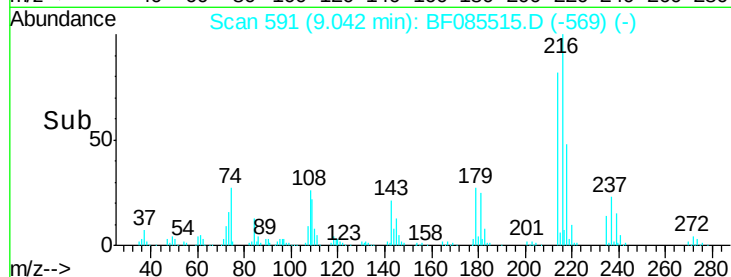


Abundance Ion 216.00 (215.70 to 216.70): E

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: 50.74 ng

RT: 9.03 min Scan# 590

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

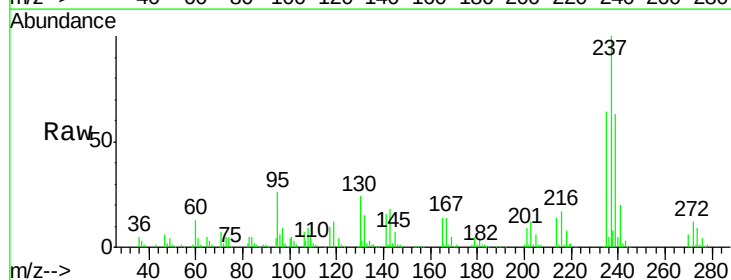
Tgt Ion:237 Resp: 199900

Ion Ratio Lower Upper

237 100

235 64.1 43.7 83.7

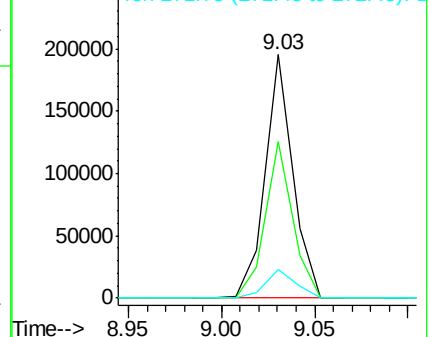
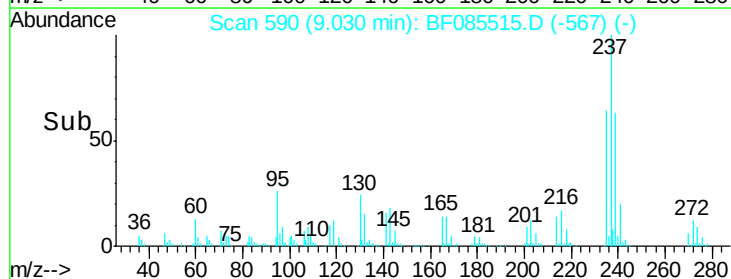
272 11.8 0.0 31.5

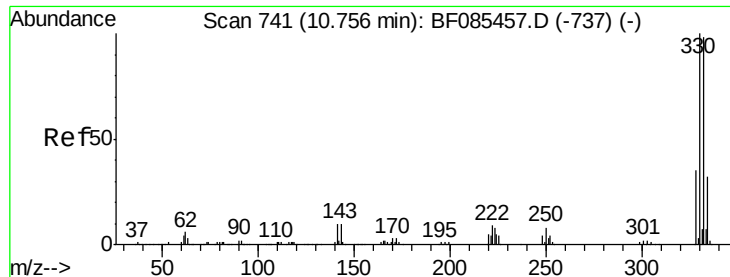


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

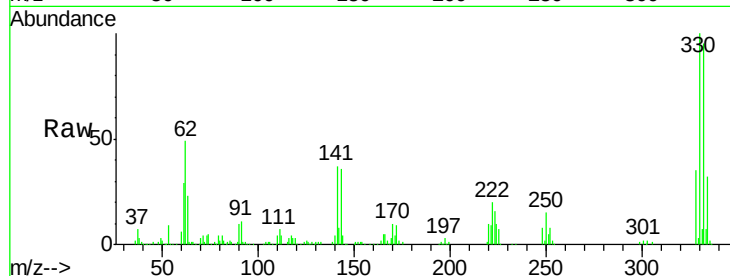




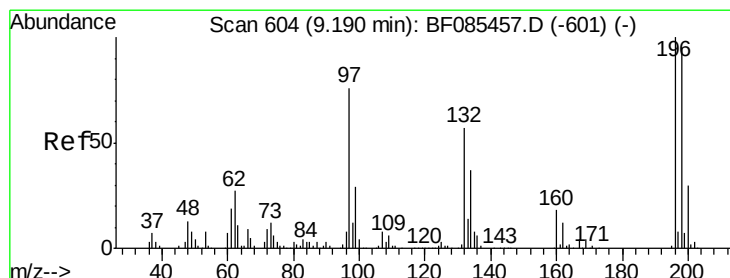
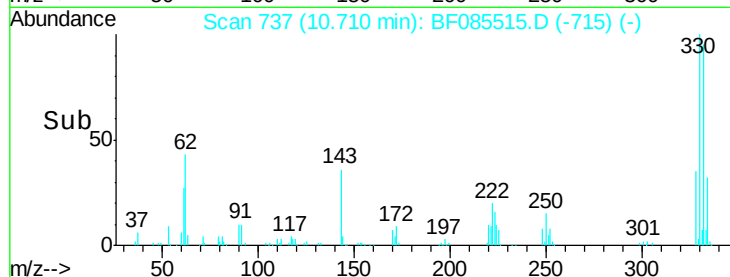
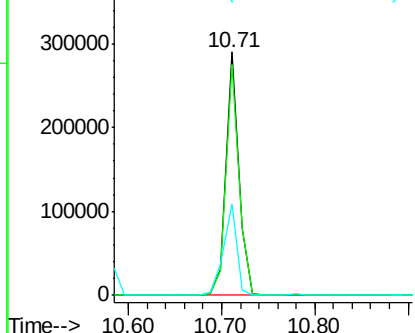
#41
 2,4,6-Tribromophenol
 Concen: 116.72 ng
 RT: 10.71 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

Tgt Ion:330 Resp: 281756
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.1 115.7
 141 38.2 35.0 52.6

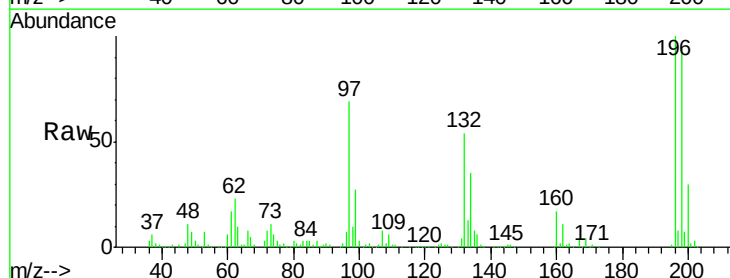


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

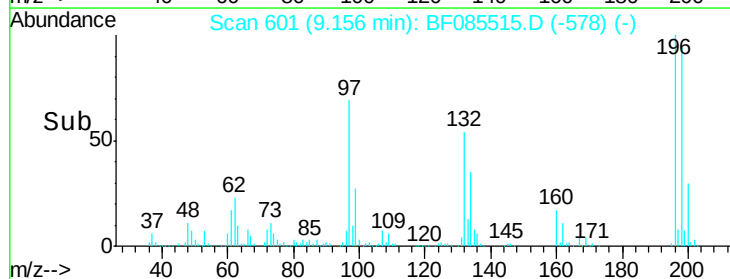
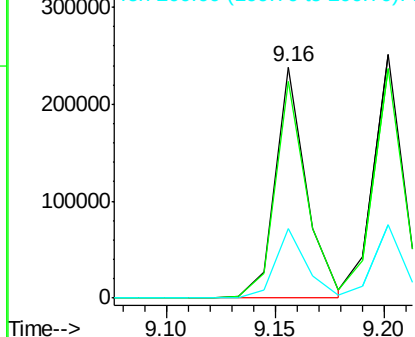


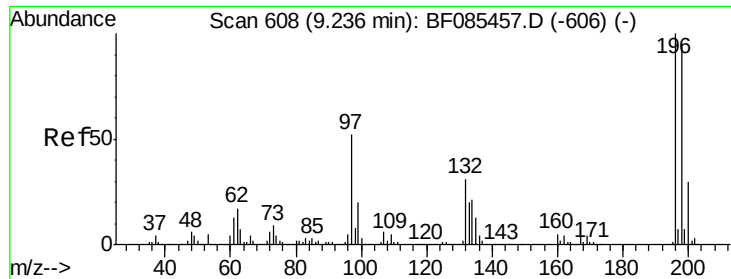
#42
 2,4,6-Trichlorophenol
 Concen: 44.35 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.03 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

Tgt Ion:196 Resp: 238774
 Ion Ratio Lower Upper
 196 100
 198 93.7 77.8 116.6
 200 30.0 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

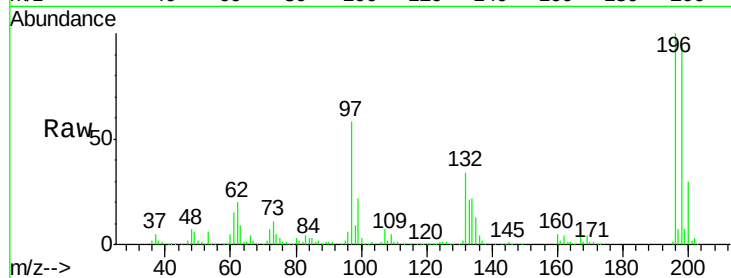




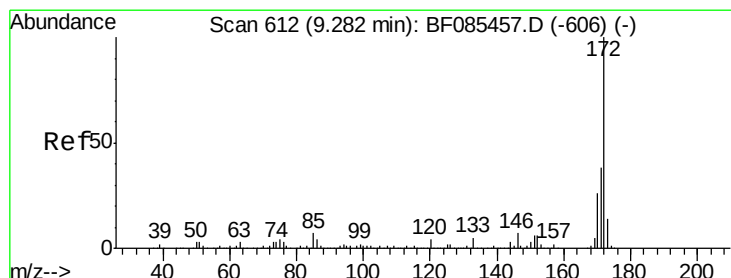
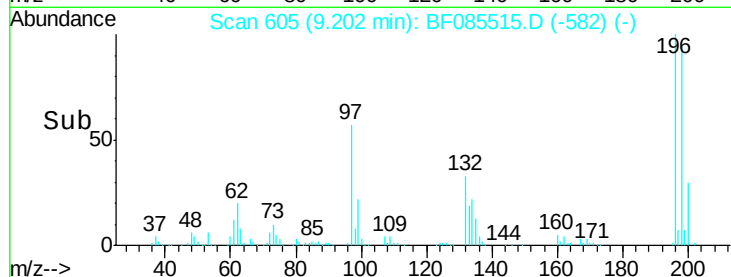
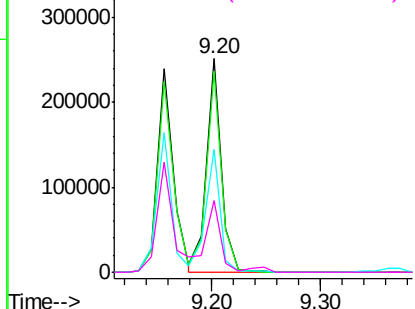
#43
 2,4,5-Trichlorophenol
 Concen: 44.12 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.03 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

Tgt Ion:196 Resp: 239948
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.7 113.5
 97 57.8 46.4 69.6
 132 33.5 26.2 39.4

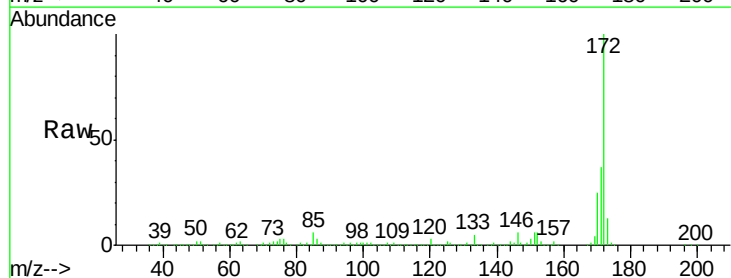


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

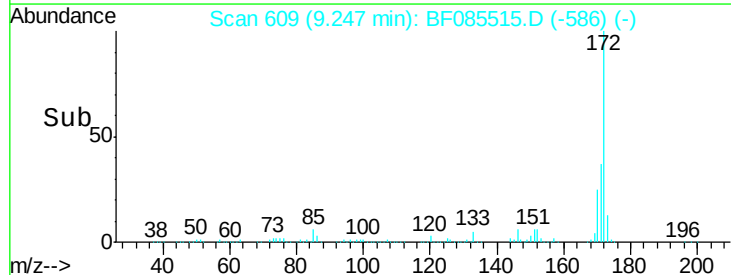
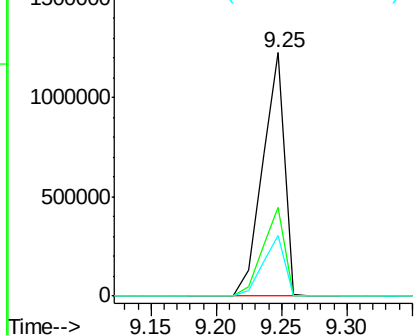


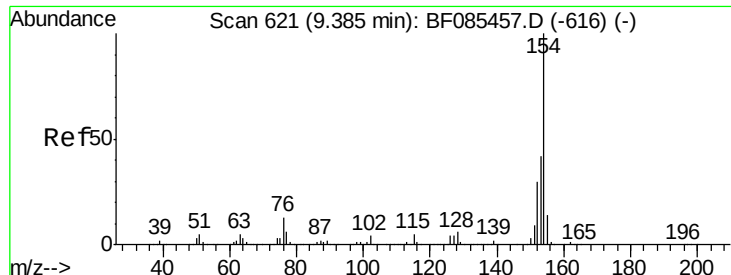
#44
 2-Fluorobiphenyl
 Concen: 95.15 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

Tgt Ion:172 Resp: 1437453
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.3 43.9
 170 25.1 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

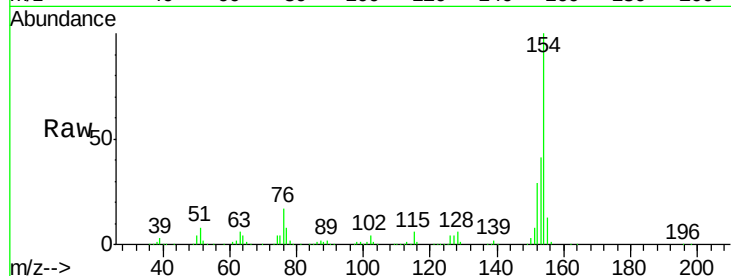




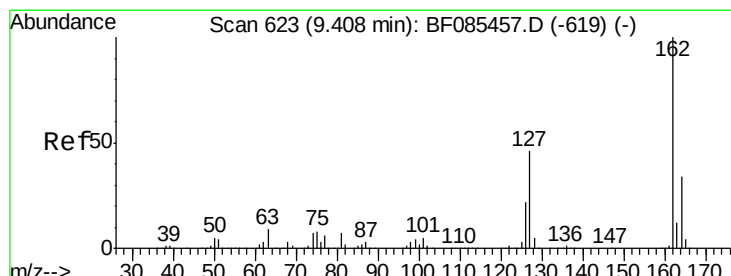
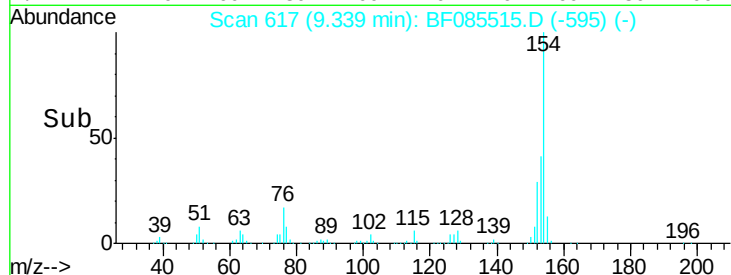
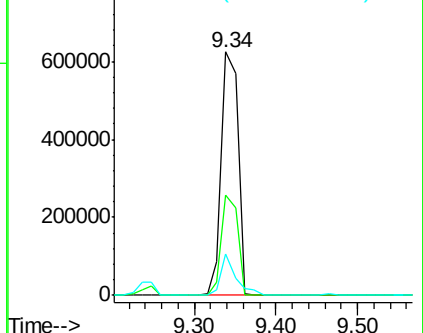
#45
 1,1'-Biphenyl
 Concen: 41.48 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.05 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

Tgt Ion:	154	Resp:	887395
Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.4	61.4
76	17.0	0.0	37.5

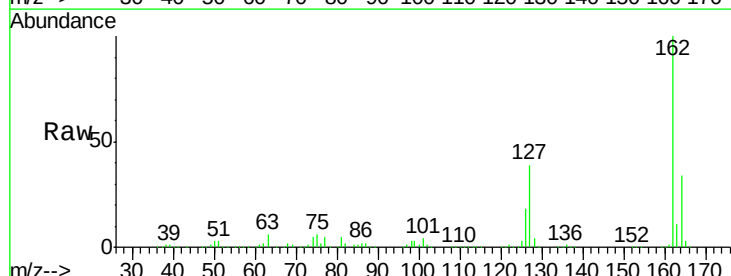


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

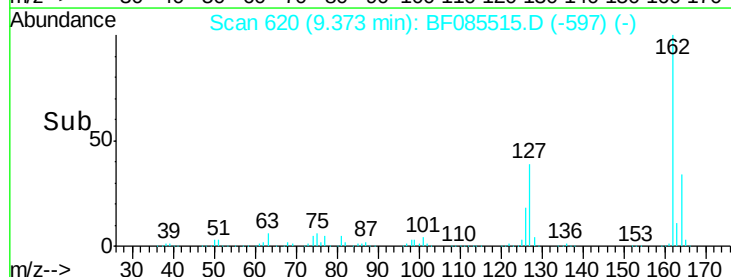
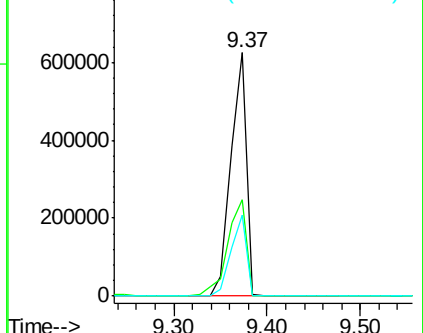


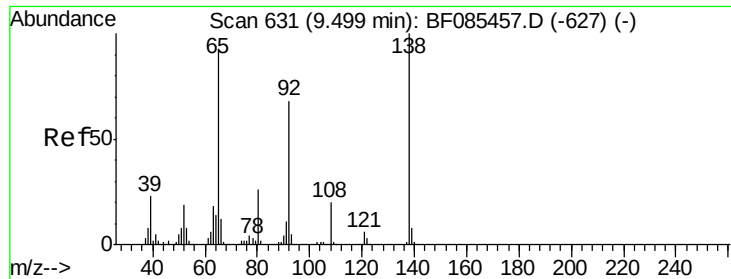
#46
 2-Chloronaphthalene
 Concen: 46.06 ng
 RT: 9.37 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

Tgt Ion:	162	Resp:	738342
Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.6	47.4
164	33.5	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

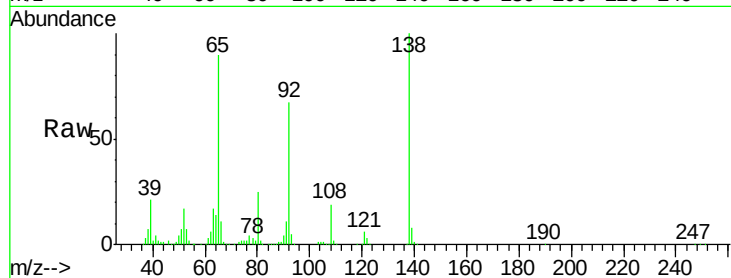




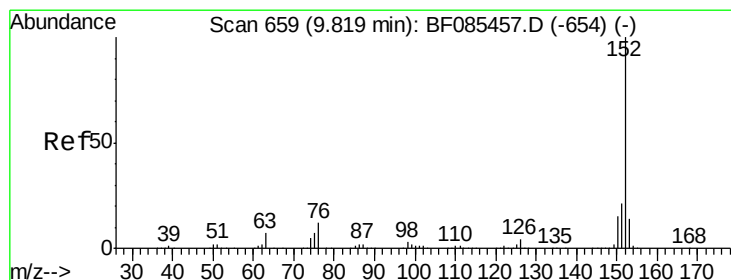
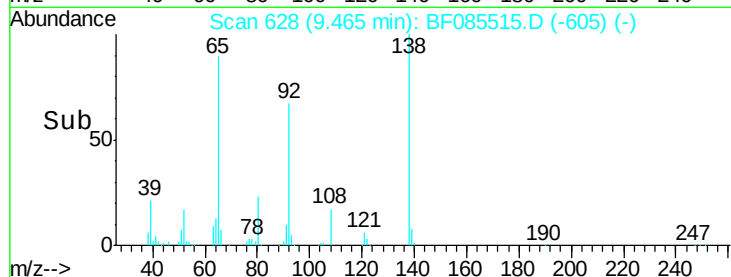
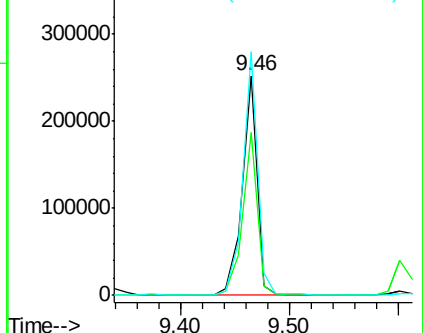
#47
2-Nitroaniline
Concen: 48.61 ng
RT: 9.46 min Scan# 628
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMSD

Tgt Ion: 65 Resp: 235936
Ion Ratio Lower Upper
65 100
92 73.8 55.4 83.2
138 110.7 75.7 113.5

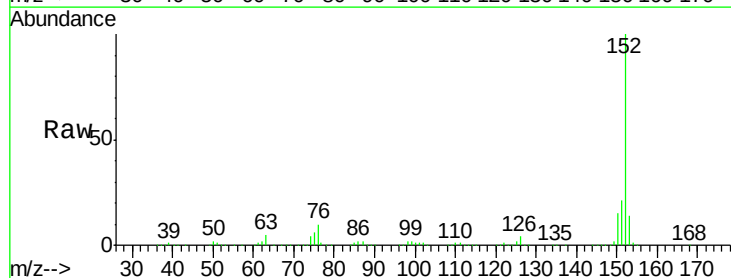


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

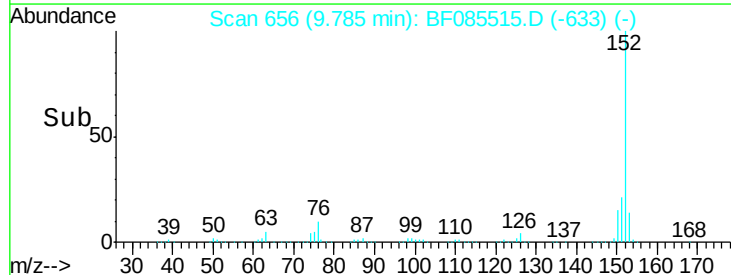
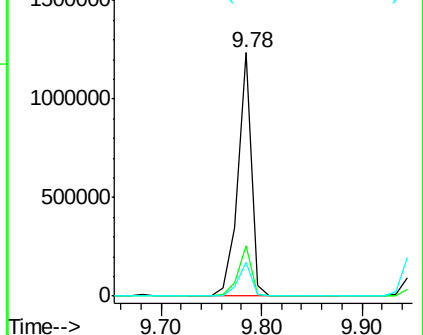


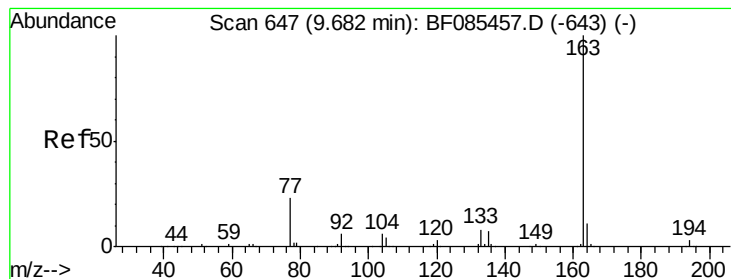
#48
Acenaphthylene
Concen: 44.34 ng
RT: 9.78 min Scan# 656
Delta R.T. -0.03 min
Lab File: BF085515.D
Acq: 18 Mar 2016 2:29

Tgt Ion: 152 Resp: 1149857
Ion Ratio Lower Upper
152 100
151 20.7 17.5 26.3
153 13.6 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: 54.37 ng

RT: 9.65 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

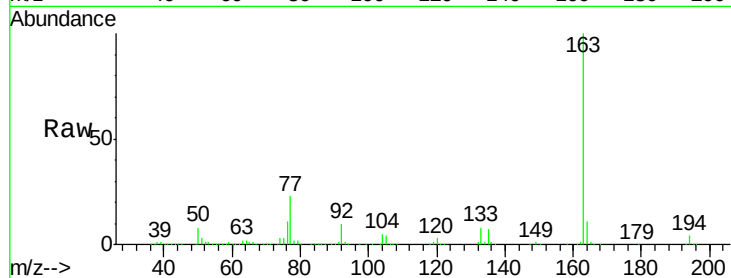
Tgt Ion:163 Resp: 1039606

Ion Ratio Lower Upper

163 100

194 3.5 3.1 4.7

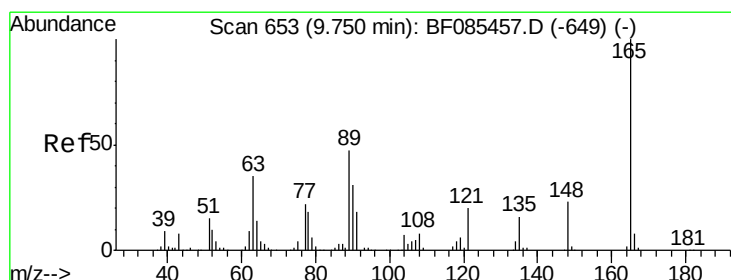
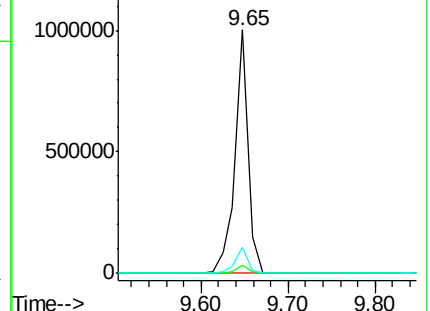
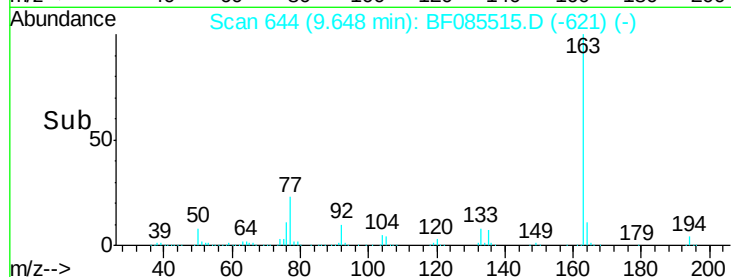
164 10.7 8.2 12.4



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: 41.12 ng

RT: 9.70 min Scan# 649

Delta R.T. -0.05 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

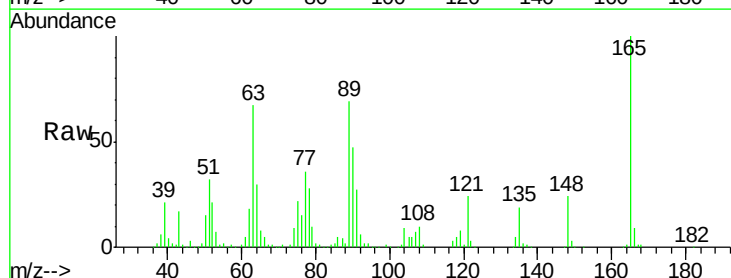
Tgt Ion:165 Resp: 173727

Ion Ratio Lower Upper

165 100

63 66.9 41.8 62.8#

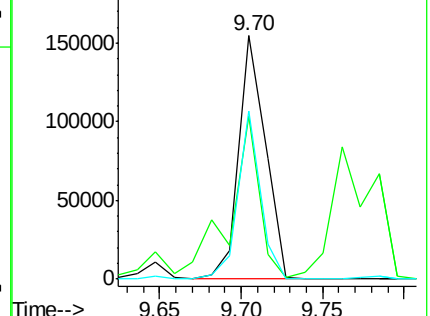
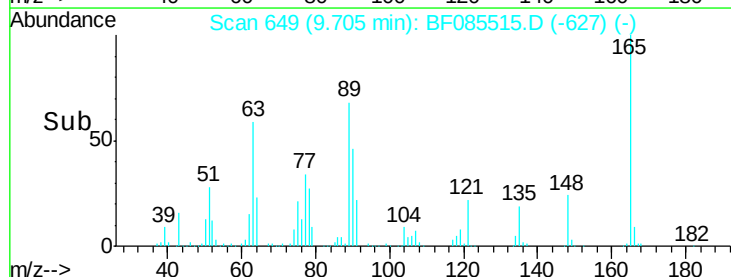
89 68.9 46.7 70.1

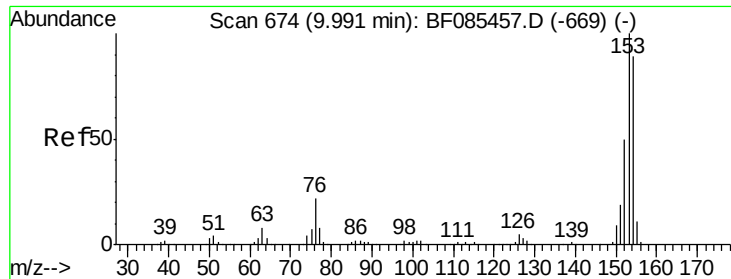


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.28 ng

RT: 9.96 min Scan# 671

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

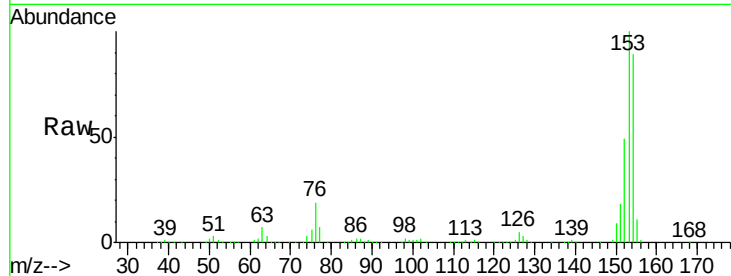
Tgt Ion:154 Resp: 721875

Ion Ratio Lower Upper

154 100

153 112.7 89.8 134.8

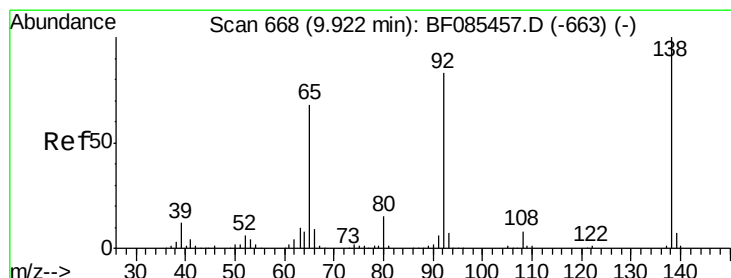
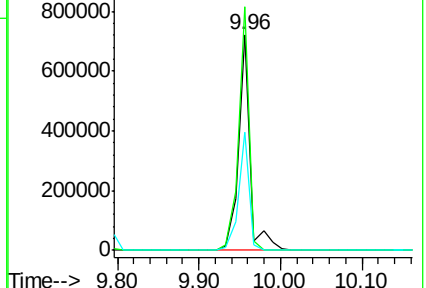
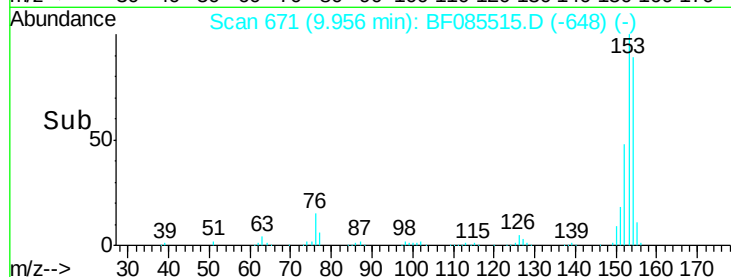
152 54.7 44.6 66.8



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: 32.99 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.05 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

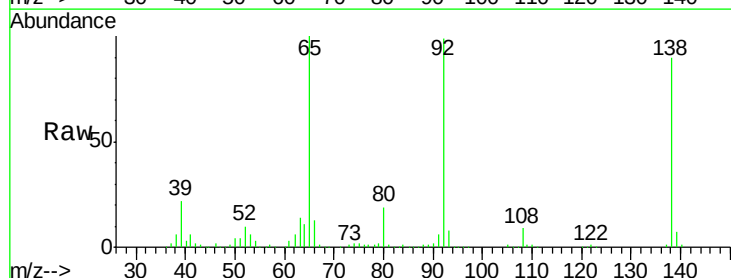
Tgt Ion:138 Resp: 166664

Ion Ratio Lower Upper

138 100

108 10.4 7.8 11.6

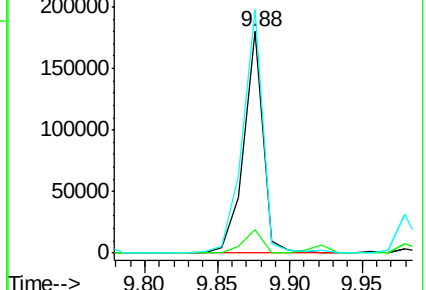
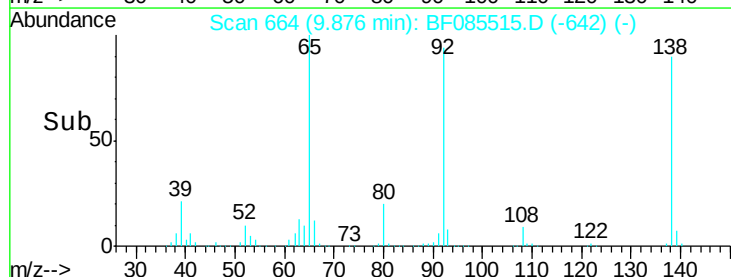
92 110.0 81.3 121.9

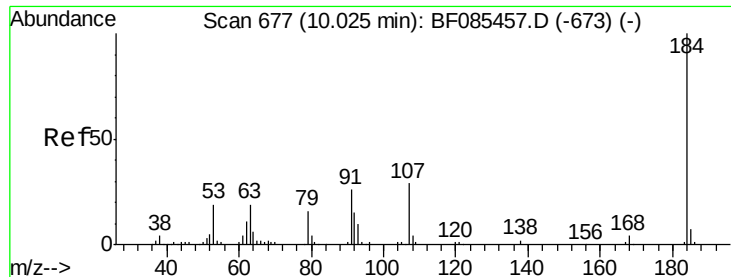


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

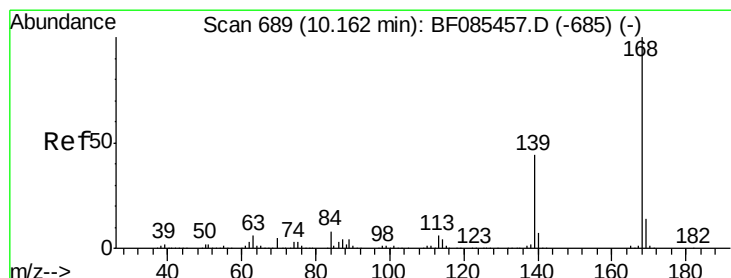
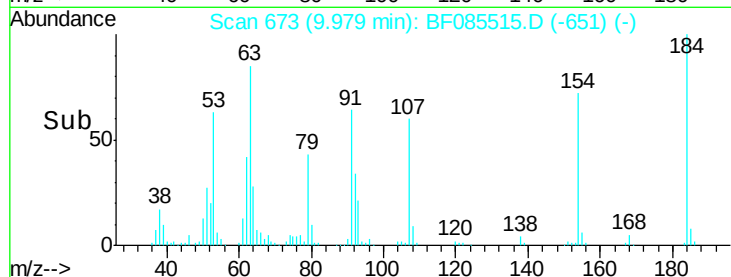
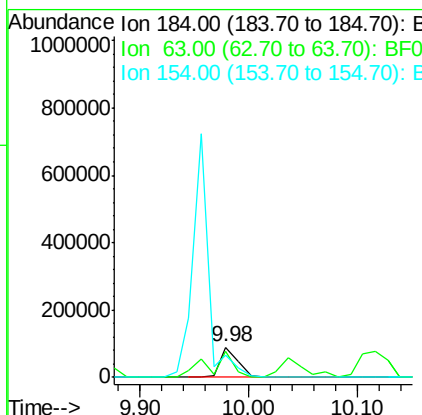
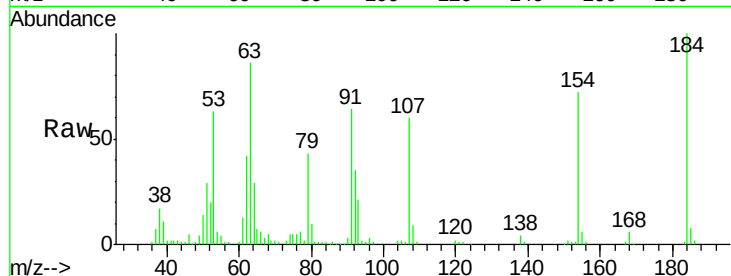




#53
 2,4-Dinitrophenol
 Concen: 49.15 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

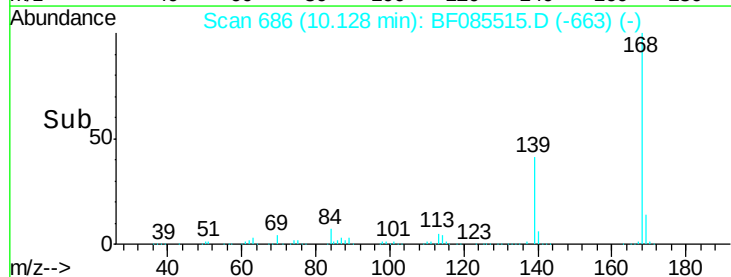
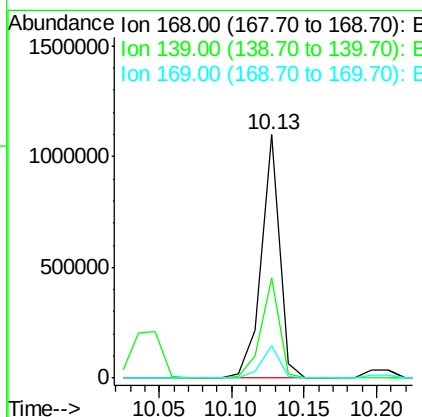
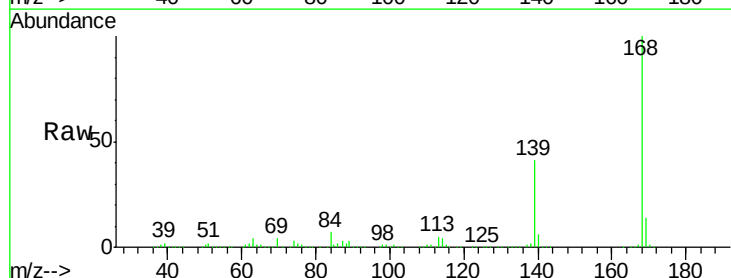
Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

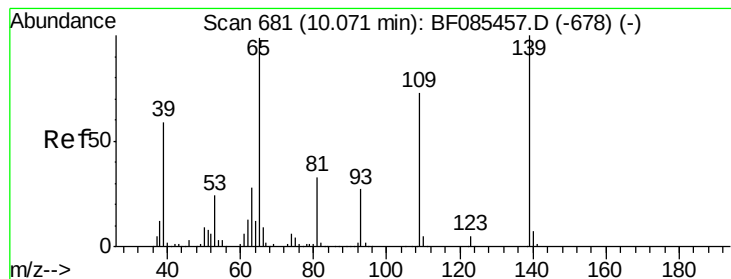
Tgt Ion:184 Resp: 107022
 Ion Ratio Lower Upper
 184 100
 63 85.7 82.2 123.4
 154 72.0 108.9 163.3#



#54
 Dibenzofuran
 Concen: 48.12 ng
 RT: 10.13 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

Tgt Ion:168 Resp: 963678
 Ion Ratio Lower Upper
 168 100
 139 41.0 33.6 50.4
 169 13.5 11.2 16.8





#55

4-Nitrophenol

Concen: 92.31 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

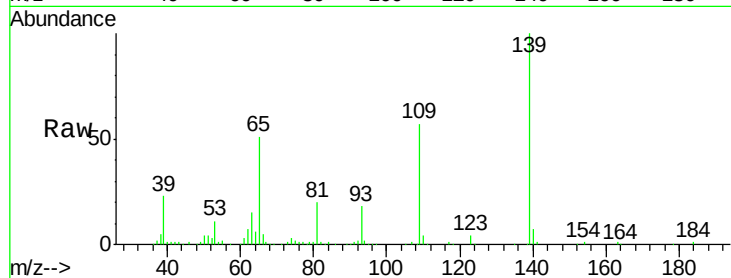
Tgt Ion:139 Resp: 320954

Ion Ratio Lower Upper

139 100

109 56.9 41.9 81.9

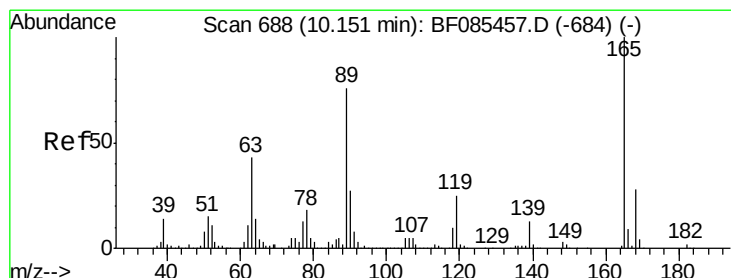
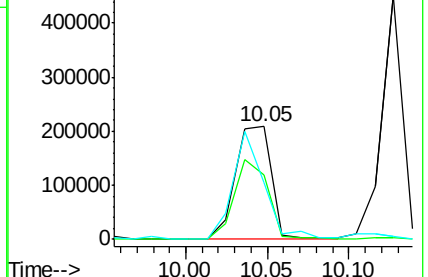
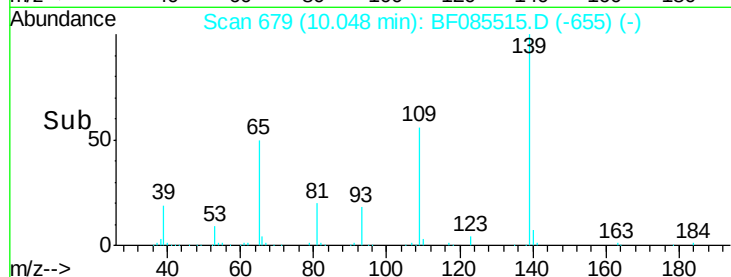
65 50.6 48.3 88.3



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: 50.19 ng

RT: 10.12 min Scan# 685

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Tgt Ion:165 Resp: 265917

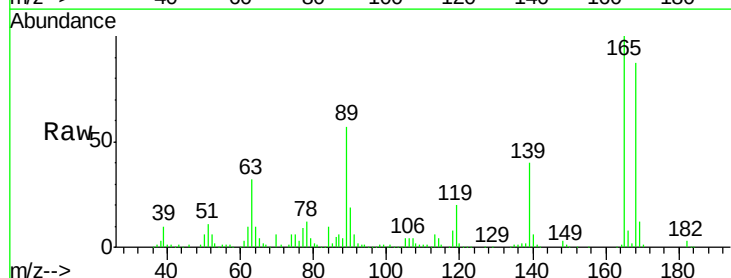
Ion Ratio Lower Upper

165 100

63 31.8 35.4 53.0#

89 57.2 61.9 92.9#

182 2.8 1.9 2.9

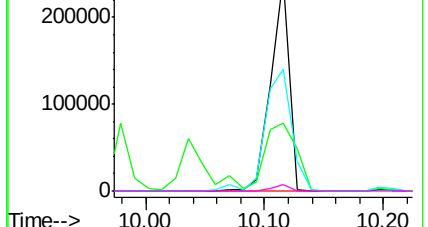
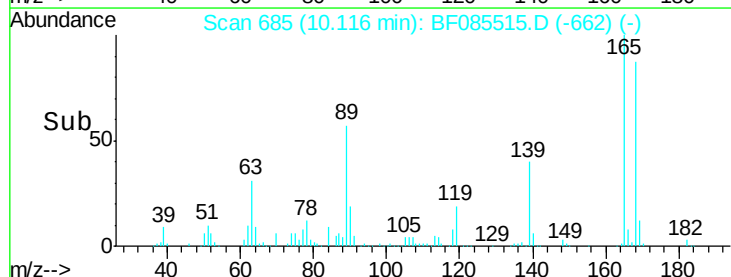


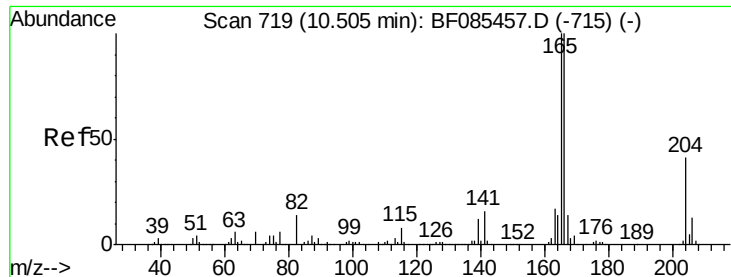
Abundance Ion 165.00 (164.70 to 165.70): E

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

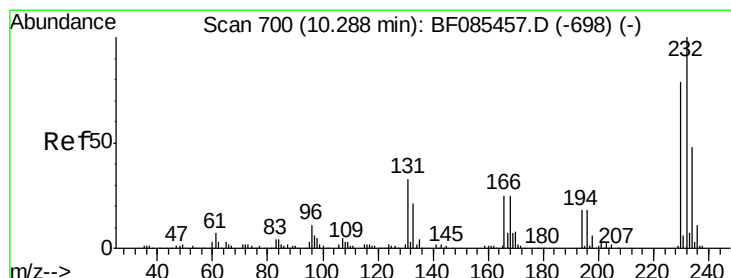
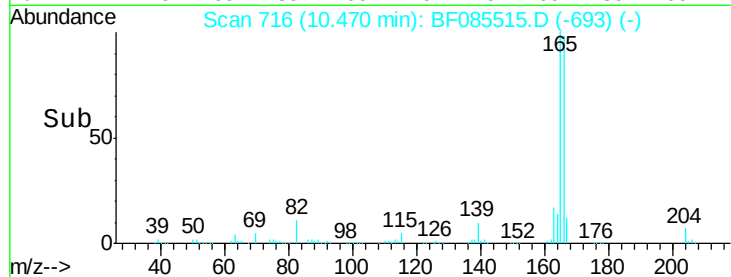
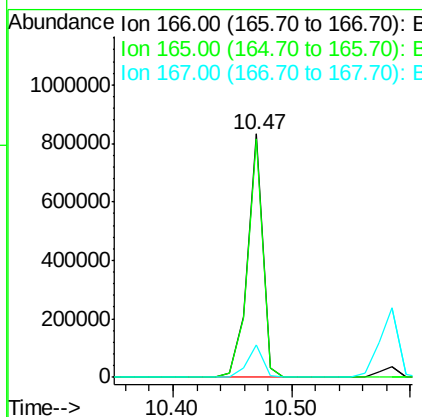
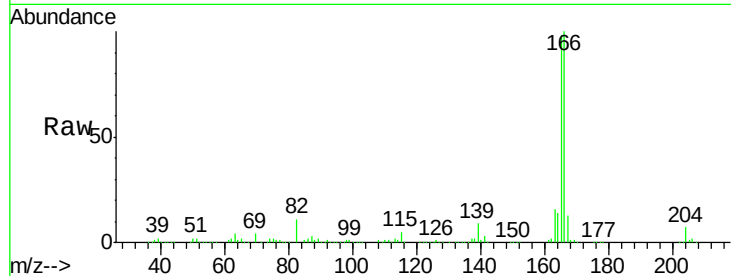




#57
 Fluorene
 Concen: 46.89 ng
 RT: 10.47 min Scan# 716
 Delta R.T. -0.03 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

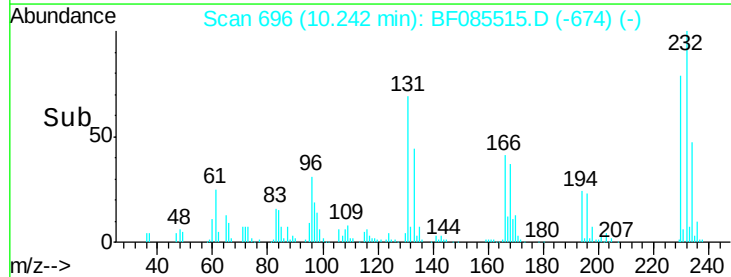
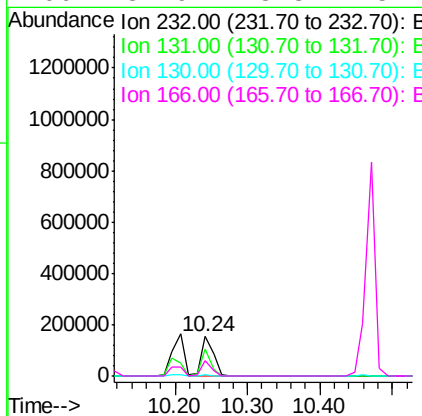
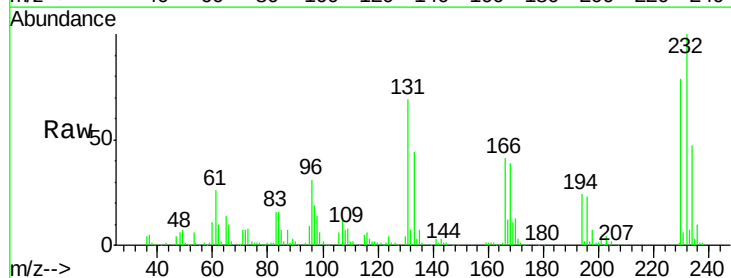
Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

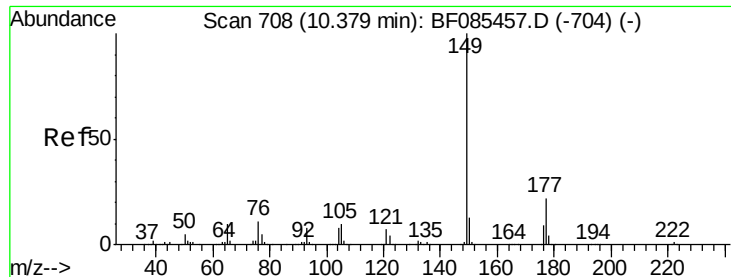
Tgt Ion:166 Resp: 748922
 Ion Ratio Lower Upper
 166 100
 165 97.9 79.4 119.0
 167 13.4 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.75 ng
 RT: 10.24 min Scan# 696
 Delta R.T. -0.05 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

Tgt Ion:232 Resp: 178290
 Ion Ratio Lower Upper
 232 100
 131 54.3 46.0 69.0
 130 2.8 2.2 3.4
 166 32.9 28.8 43.2





#59

Diethylphthalate

Concen: 44.05 ng

RT: 10.34 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

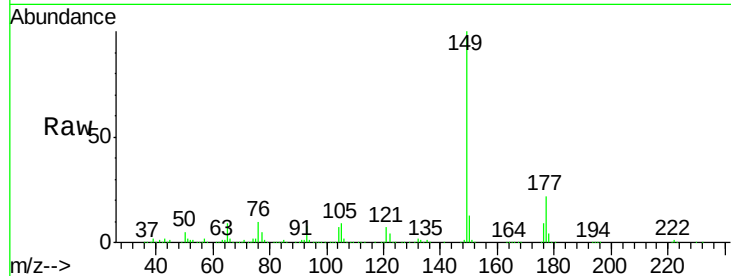
Tgt Ion:149 Resp: 815338

Ion Ratio Lower Upper

149 100

177 21.6 19.2 28.8

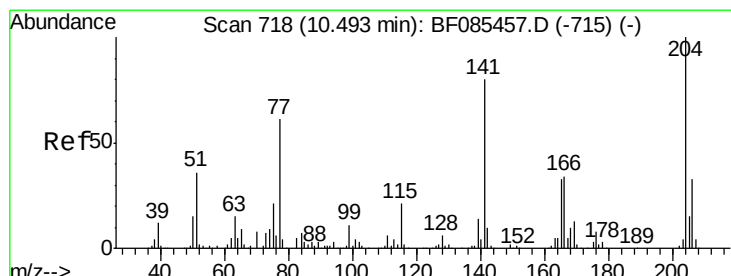
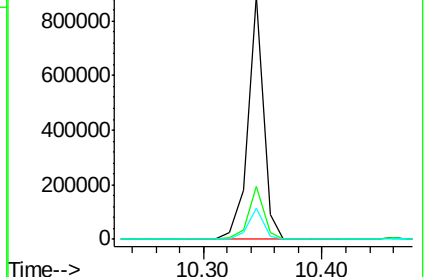
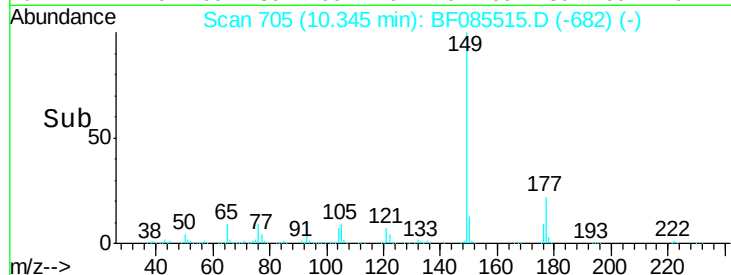
150 12.9 9.9 14.9



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: 40.15 ng

RT: 10.46 min Scan# 715

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

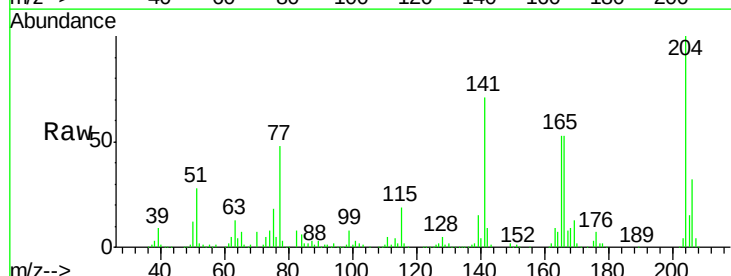
Tgt Ion:204 Resp: 329446

Ion Ratio Lower Upper

204 100

206 32.5 26.5 39.7

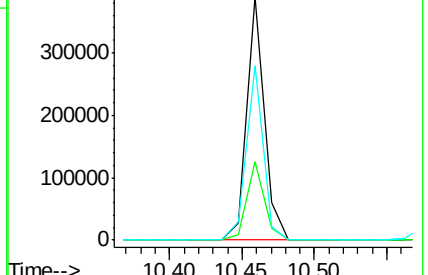
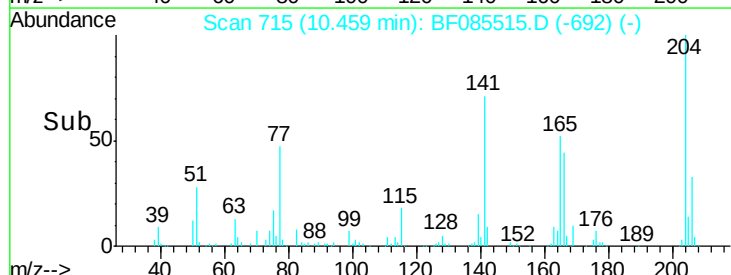
141 71.5 55.4 83.2

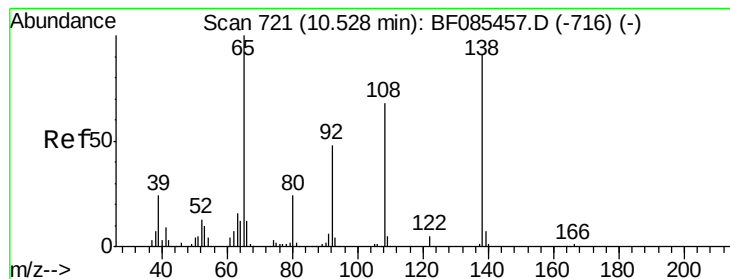


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.57 ng

RT: 10.49 min Scan# 718

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

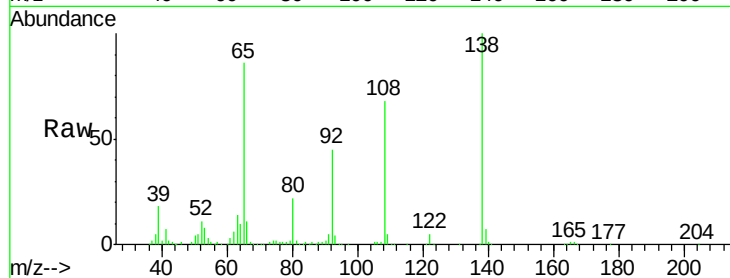
Tgt Ion:138 Resp: 202178

Ion Ratio Lower Upper

138 100

92 45.2 34.2 74.2

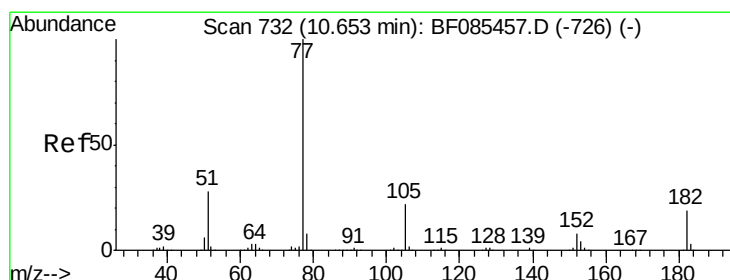
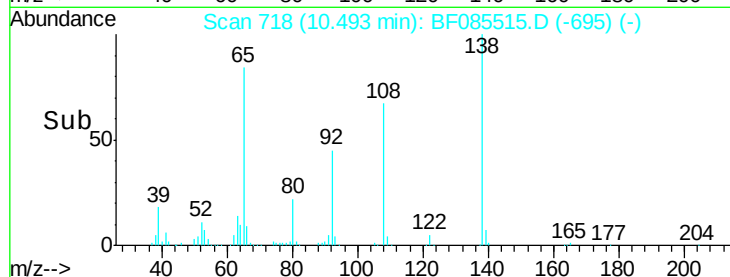
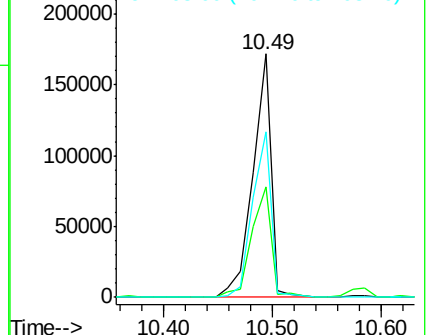
108 67.8 53.9 93.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.51 ng

RT: 10.62 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Tgt Ion: 77 Resp: 836606

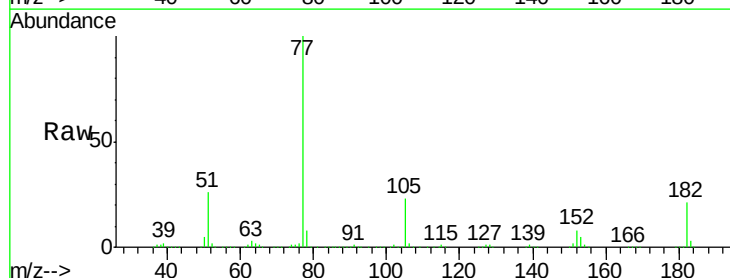
Ion Ratio Lower Upper

77 100

182 21.1 2.1 42.1

105 22.9 3.8 43.8

51 26.0 7.8 47.8

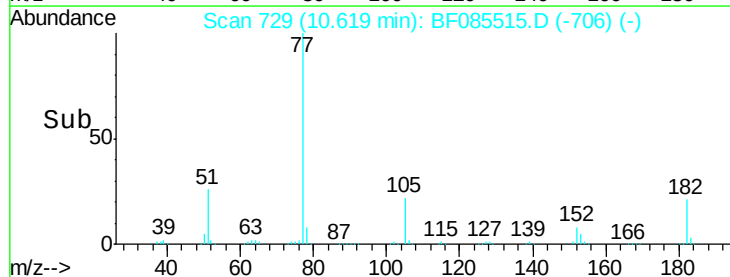
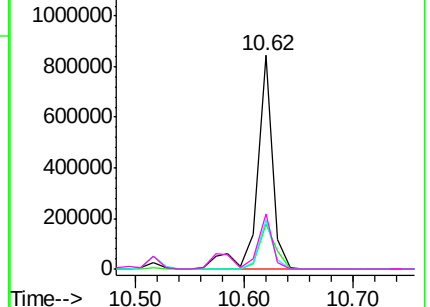


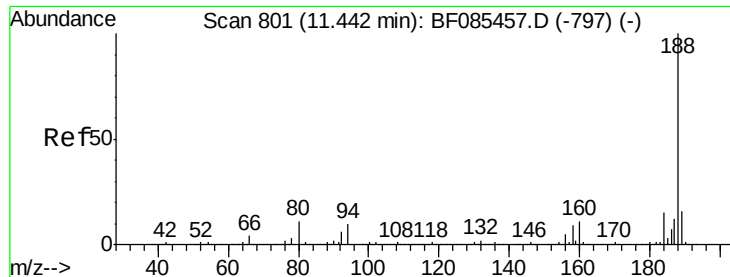
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

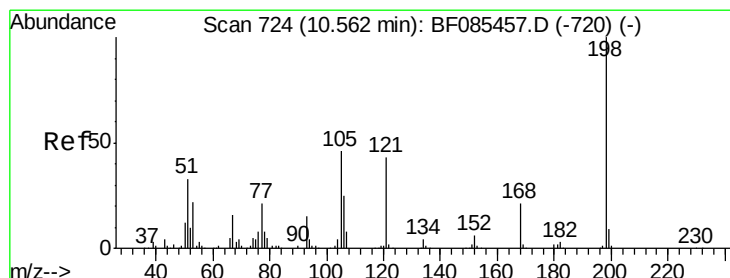
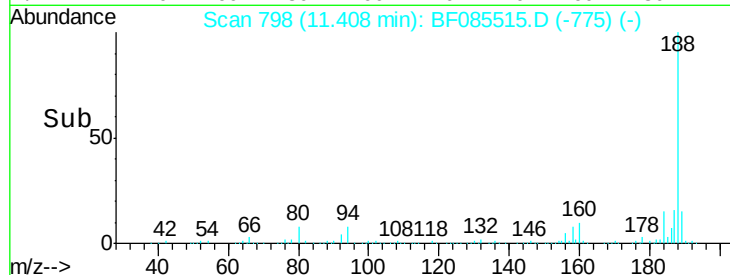
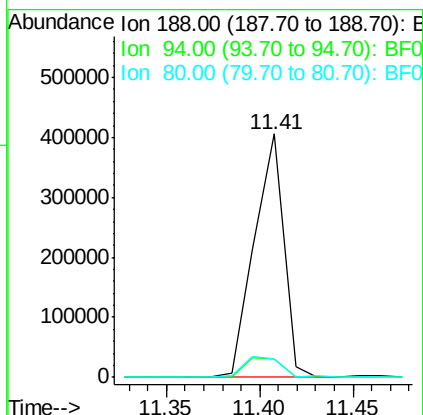
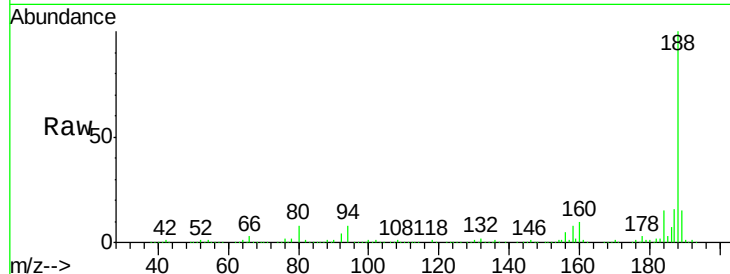




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 798
 Delta R.T. -0.03 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

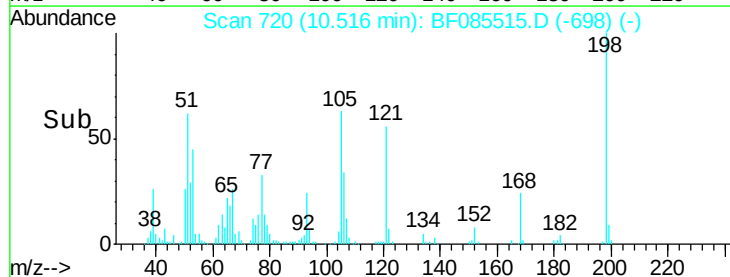
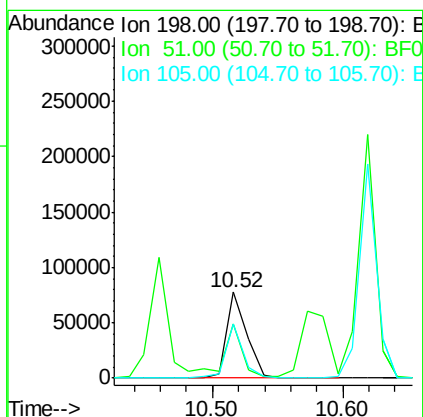
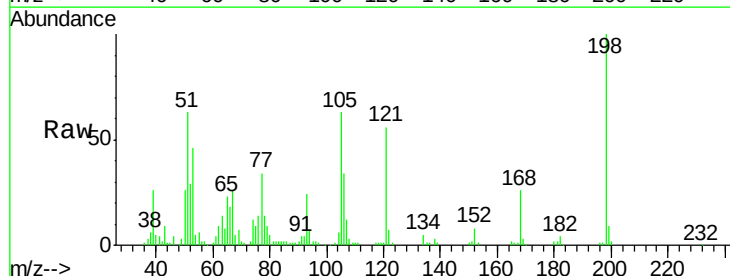
Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

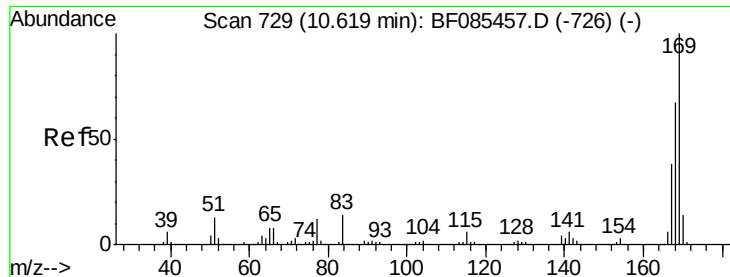
Tgt Ion:188 Resp: 443959
 Ion Ratio Lower Upper
 188 100
 94 7.7 7.0 10.6
 80 7.7 7.4 11.0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 31.20 ng
 RT: 10.52 min Scan# 720
 Delta R.T. -0.04 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

Tgt Ion:198 Resp: 82747
 Ion Ratio Lower Upper
 198 100
 51 62.6 9.5 49.5#
 105 63.3 20.5 60.5#

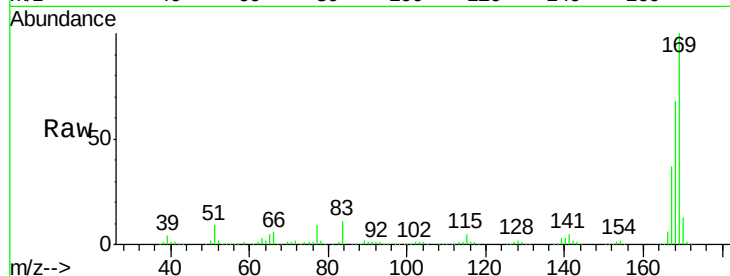




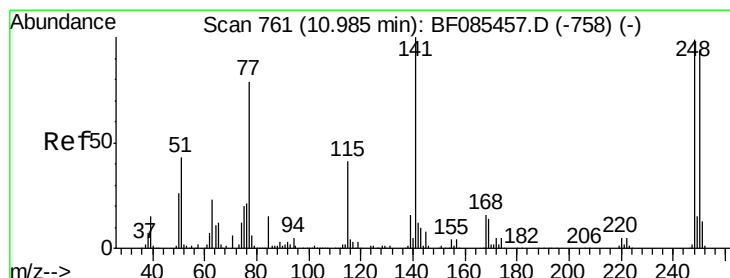
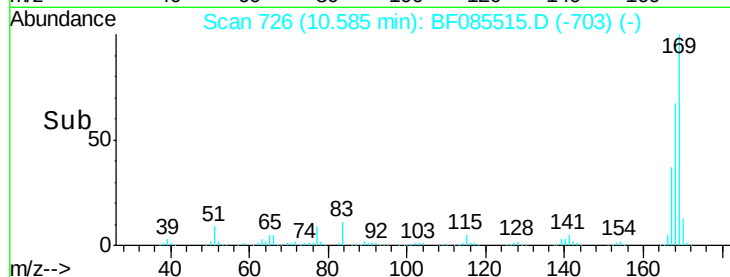
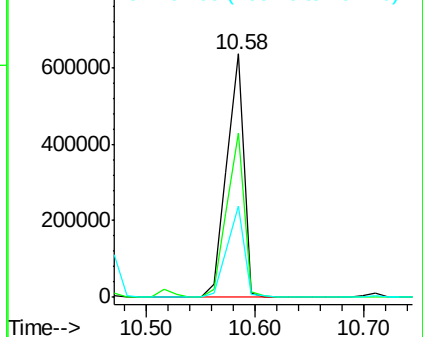
#65
 n-Nitrosodiphenylamine
 Concen: 50.56 ng
 RT: 10.58 min Scan# 726
 Delta R.T. -0.03 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

Tgt Ion:169 Resp: 691753
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.8 82.2
 167 37.5 30.3 45.5

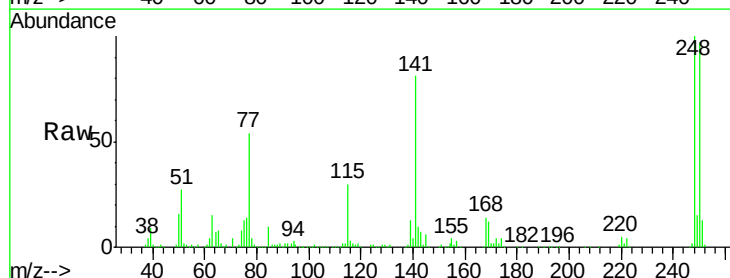


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

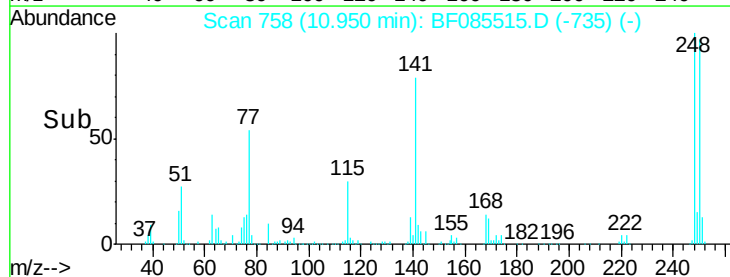
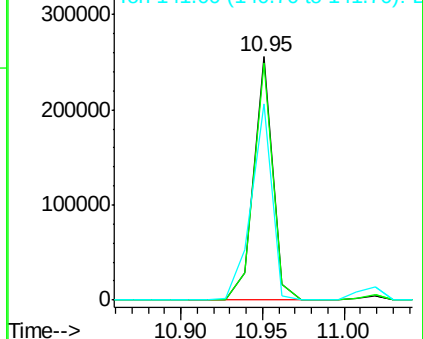


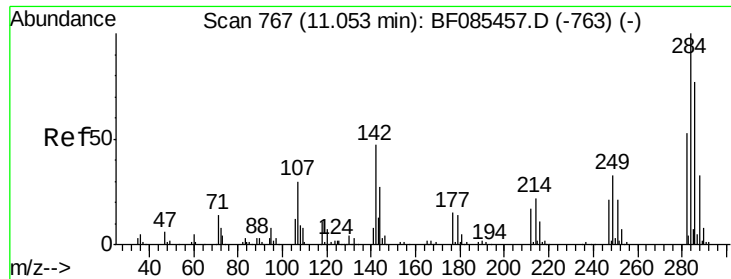
#66
 4-Bromophenyl-phenylether
 Concen: 46.47 ng
 RT: 10.95 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

Tgt Ion:248 Resp: 208815
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.1 115.7
 141 80.7 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: 47.54 ng

RT: 11.02 min Scan# 764

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

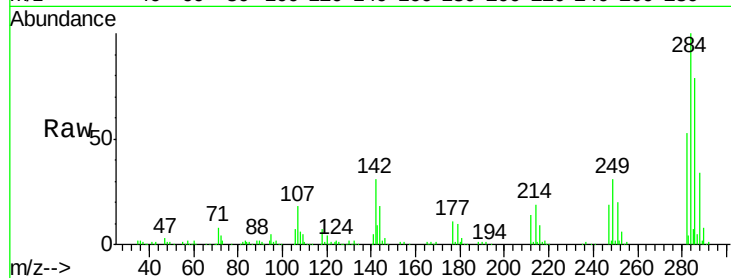
Tgt Ion:284 Resp: 220421

Ion Ratio Lower Upper

284 100

142 31.4 24.9 37.3

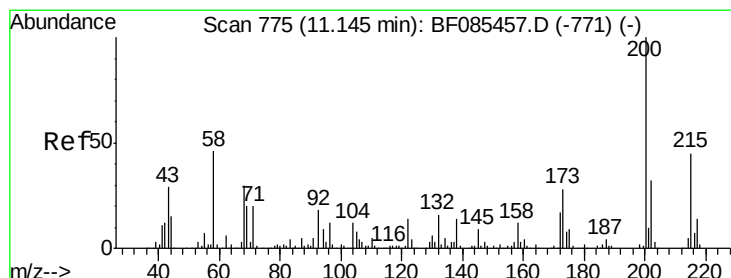
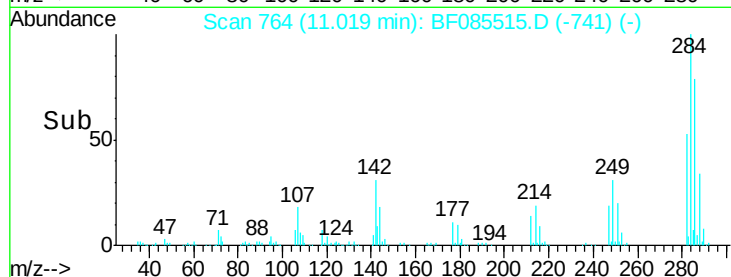
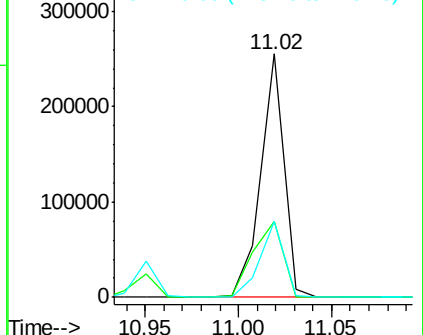
249 31.2 25.0 37.4



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: 57.24 ng

RT: 11.11 min Scan# 772

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

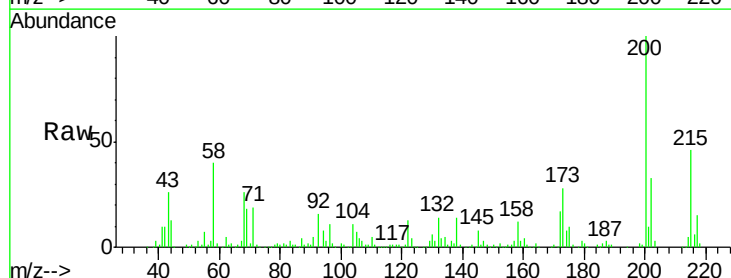
Tgt Ion:200 Resp: 224104

Ion Ratio Lower Upper

200 100

173 28.2 10.5 50.5

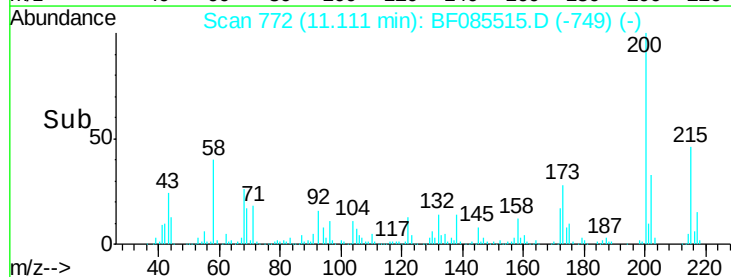
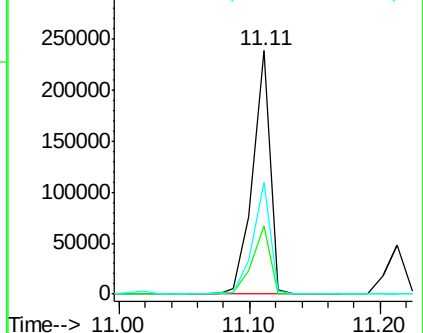
215 45.7 23.4 63.4

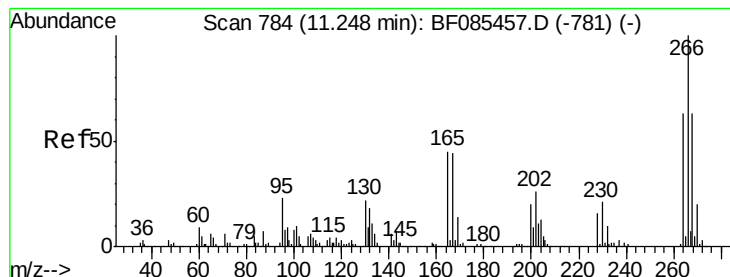


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 96.88 ng

RT: 11.21 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

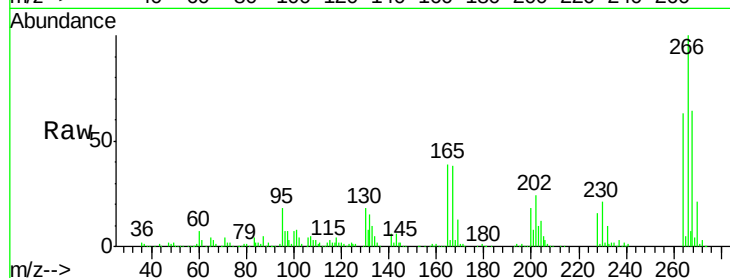
Tgt Ion:266 Resp: 238089

Ion Ratio Lower Upper

266 100

268 63.6 50.0 75.0

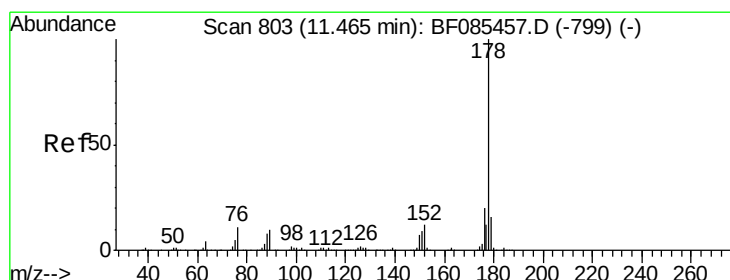
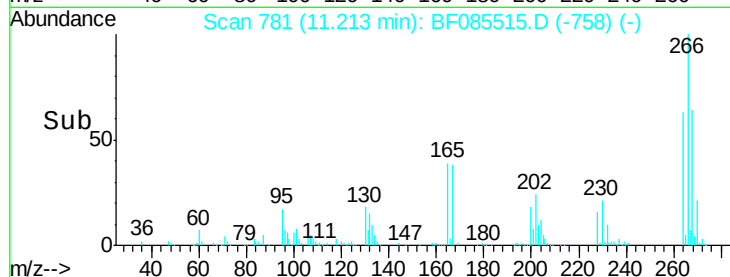
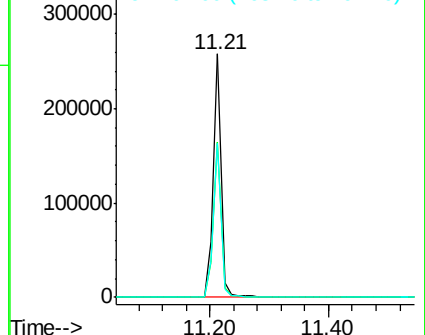
264 63.3 51.4 77.2



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: 45.14 ng

RT: 11.43 min Scan# 800

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

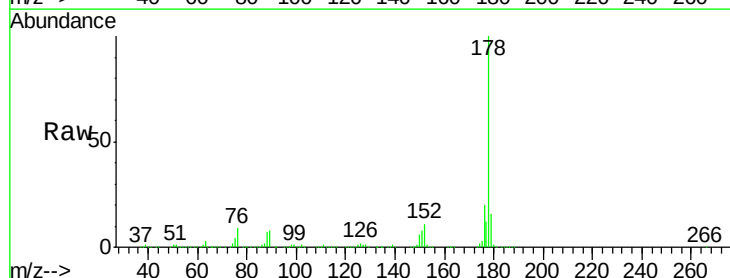
Tgt Ion:178 Resp: 1043763

Ion Ratio Lower Upper

178 100

176 20.3 16.8 25.2

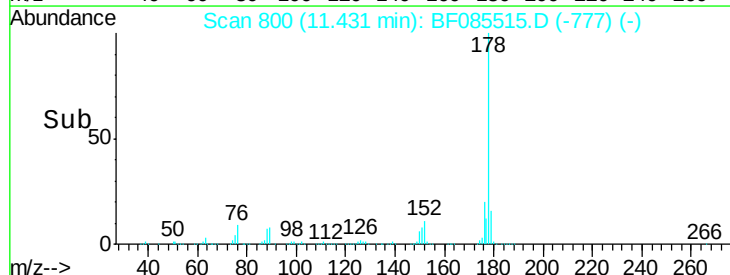
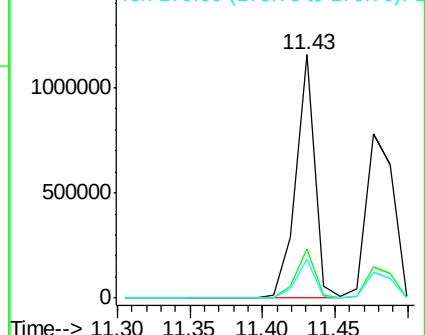
179 15.9 13.1 19.7

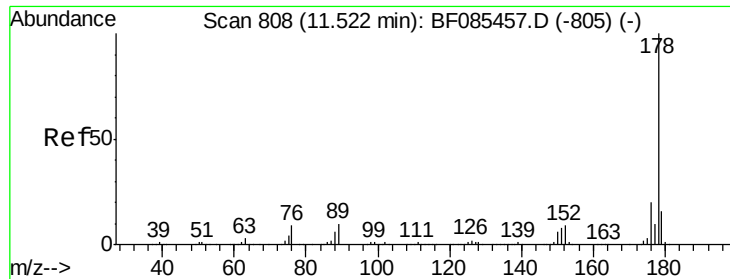


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 43.43 ng

RT: 11.48 min Scan# 804

Delta R.T. -0.05 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

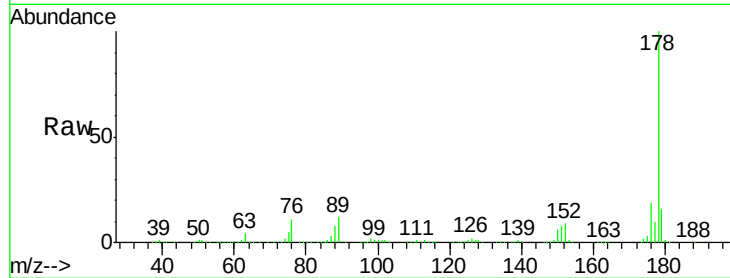
Tgt Ion:178 Resp: 1022811

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

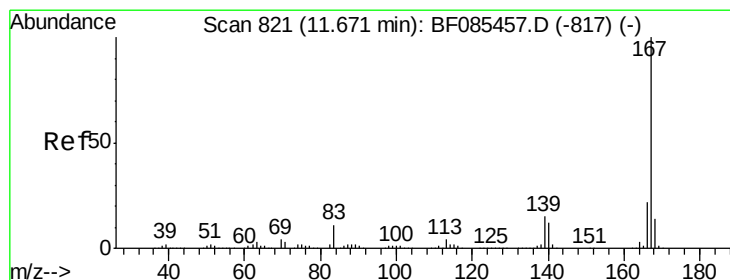
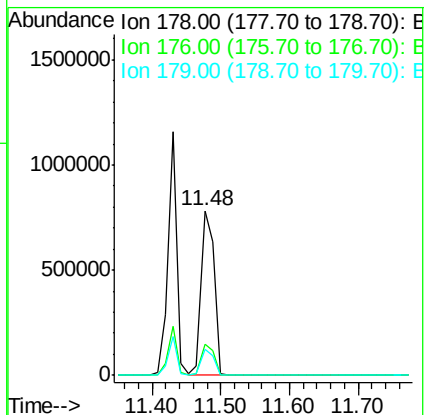
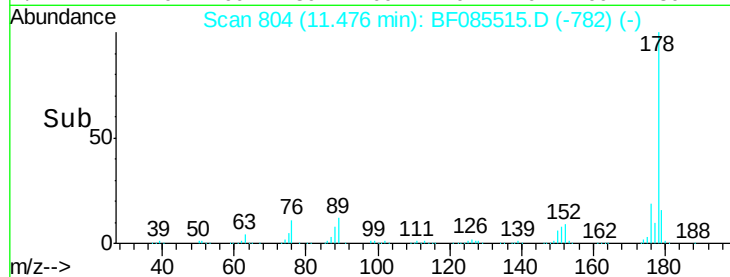
179 16.1 12.5 18.7



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: 47.36 ng

RT: 11.64 min Scan# 818

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

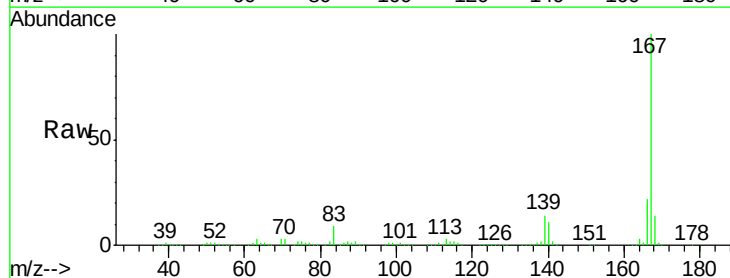
Tgt Ion:167 Resp: 943787

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

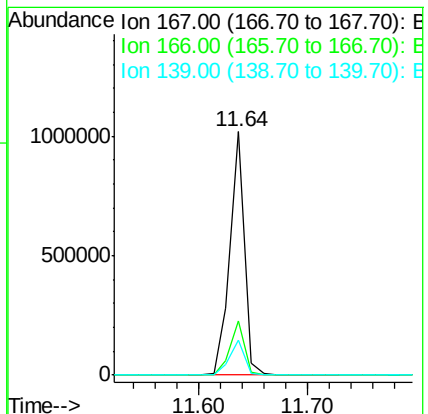
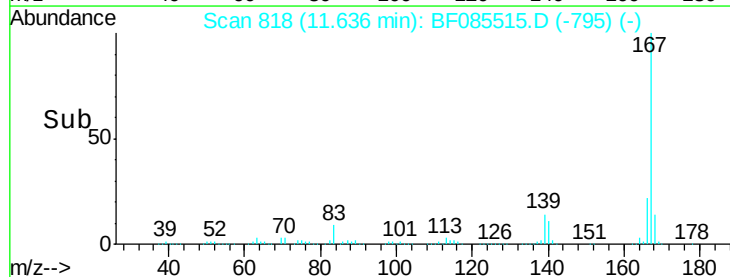
139 14.3 11.4 17.0

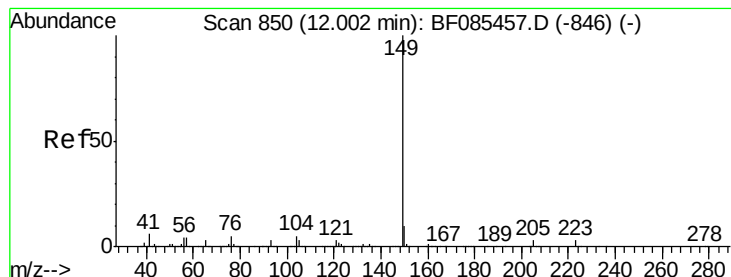


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.45 ng

RT: 11.97 min Scan# 847

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

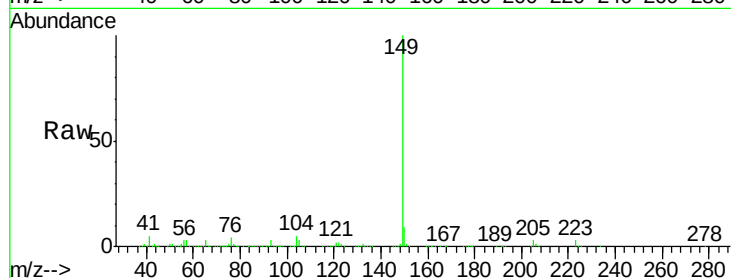
Tgt Ion:149 Resp: 1220734

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

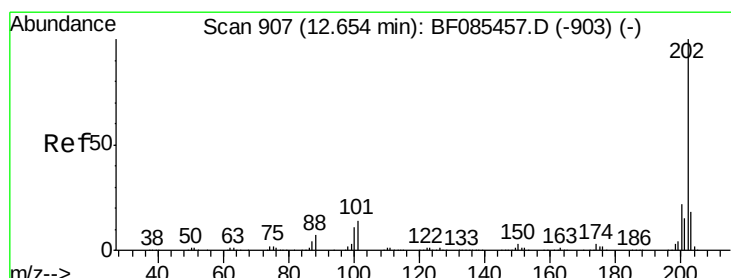
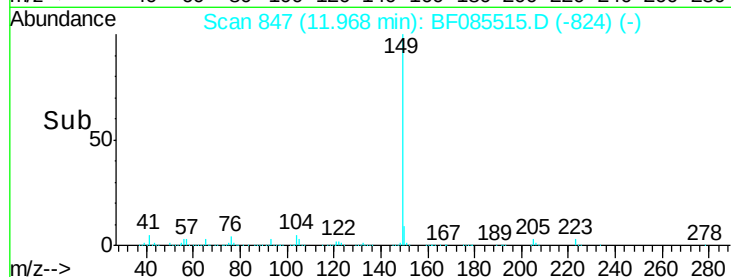
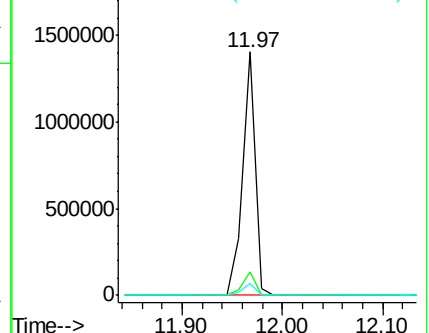
104 4.8 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.88 ng

RT: 12.62 min Scan# 904

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

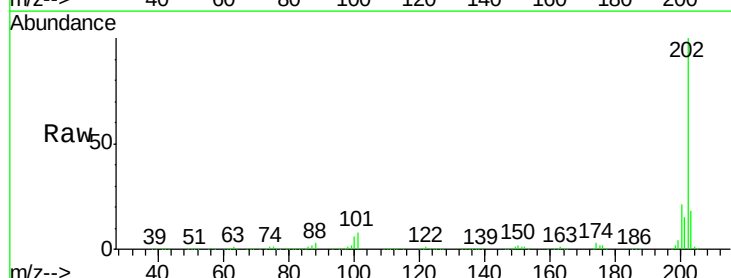
Tgt Ion:202 Resp: 953727

Ion Ratio Lower Upper

202 100

101 7.6 0.0 31.8

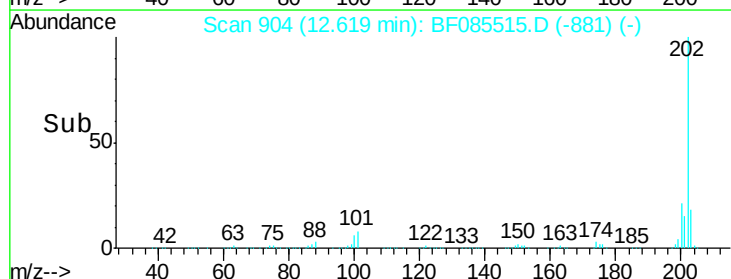
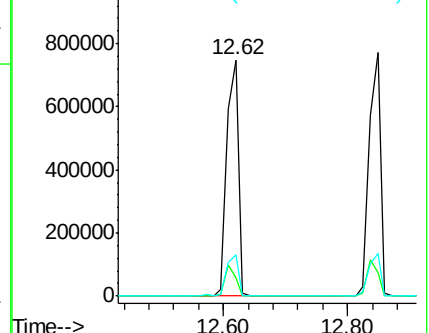
203 17.5 0.0 38.4

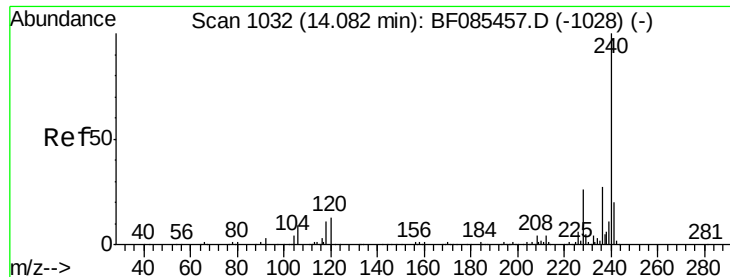


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1028

Delta R.T. -0.05 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

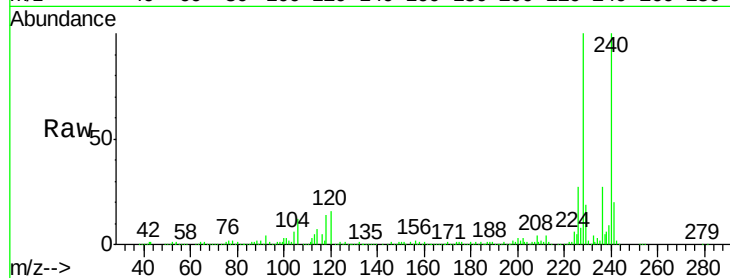
Tgt Ion:240 Resp: 278566

Ion Ratio Lower Upper

240 100

120 16.1 5.3 7.9#

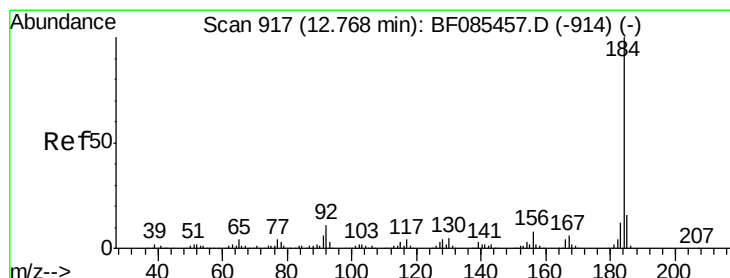
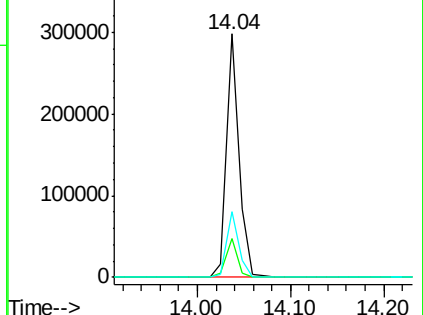
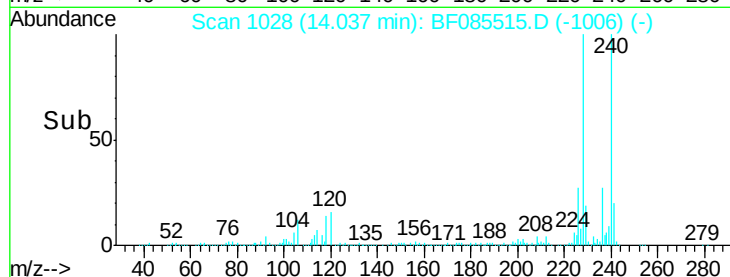
236 26.8 20.7 31.1



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: 29.04 ng

RT: 12.73 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

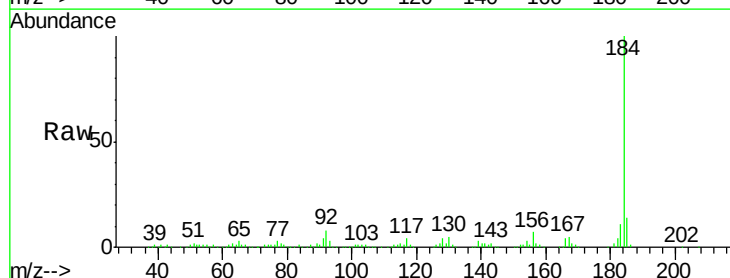
Tgt Ion:184 Resp: 251247

Ion Ratio Lower Upper

184 100

185 14.5 12.4 18.6

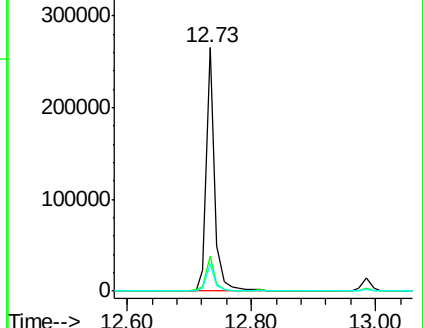
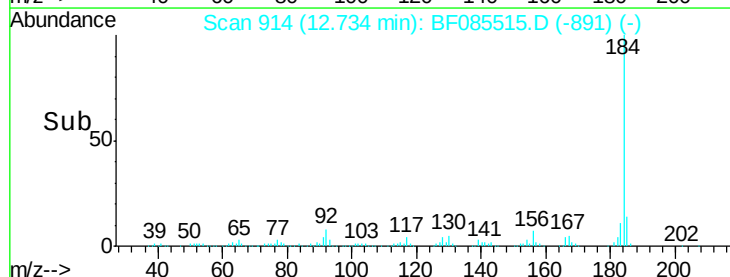
183 11.2 9.4 14.2

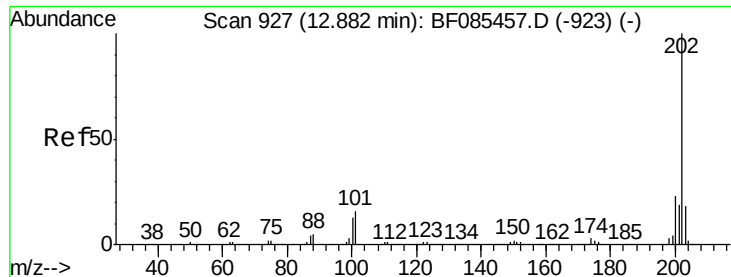


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.75 ng

RT: 12.85 min Scan# 924

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

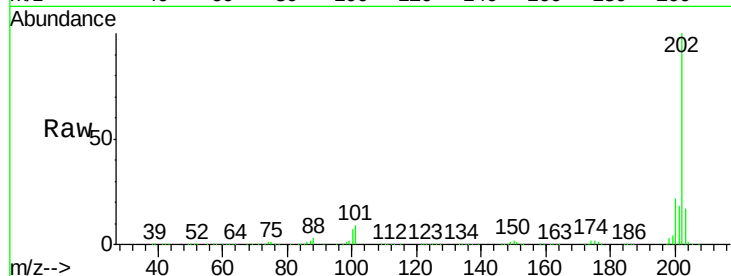
Tgt Ion:202 Resp: 955779

Ion Ratio Lower Upper

202 100

200 21.7 18.2 27.4

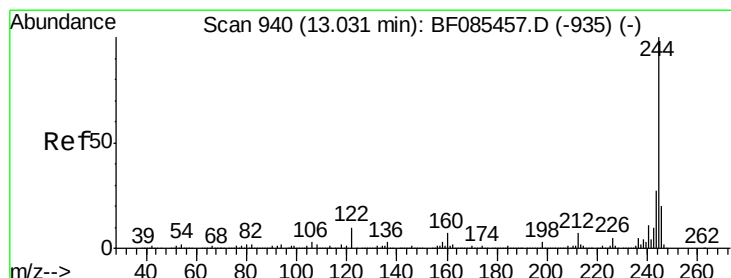
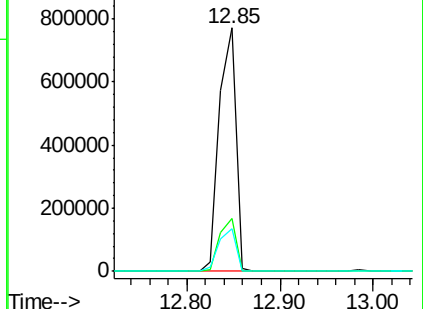
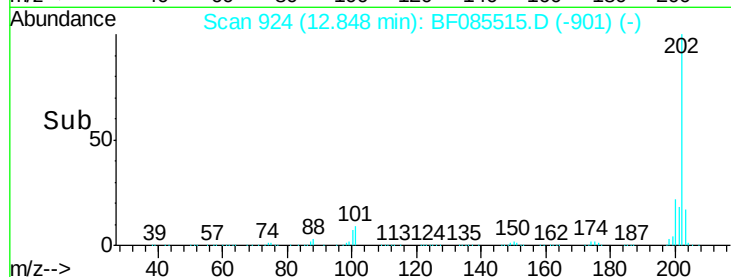
203 17.4 14.7 22.1



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: 79.32 ng

RT: 12.98 min Scan# 936

Delta R.T. -0.05 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

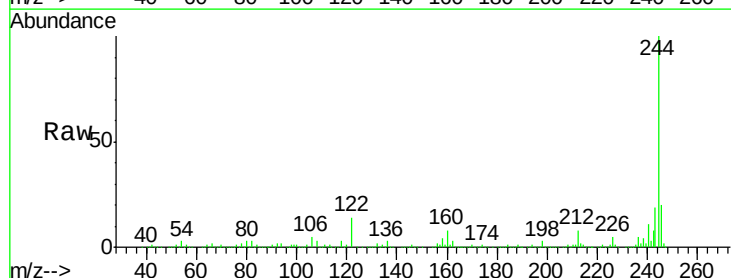
Tgt Ion:244 Resp: 976728

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

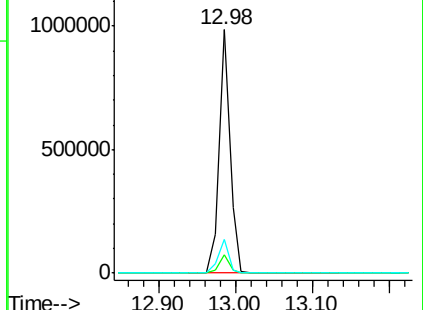
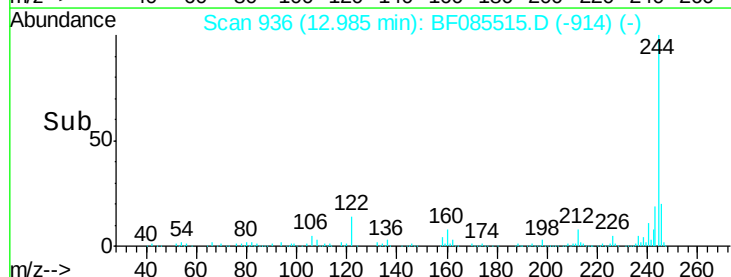
122 13.8 11.4 17.2

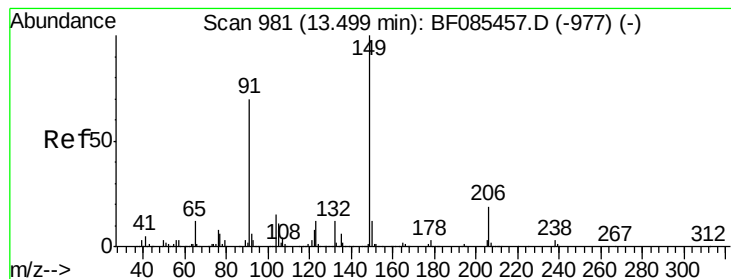


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.32 ng

RT: 13.47 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

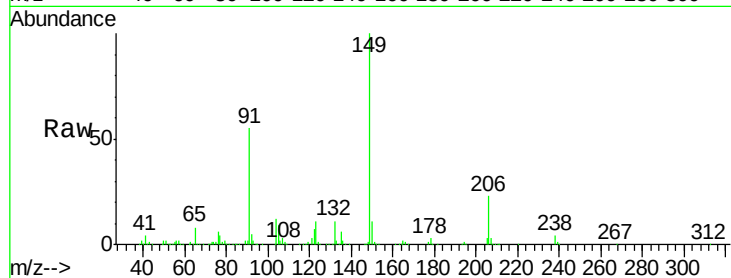
SB-14-COMPMSD

Tgt Ion:149 Resp: 441427
Ion Ratio Lower Upper

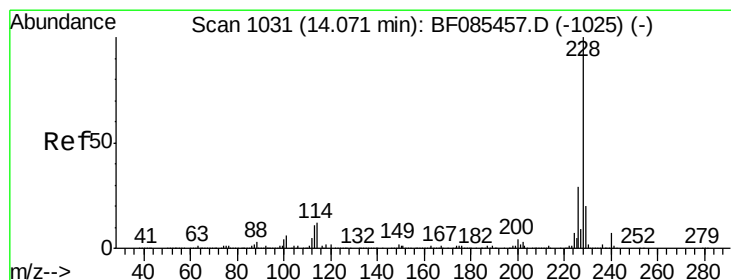
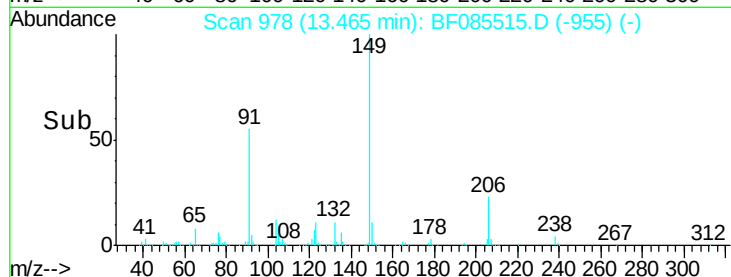
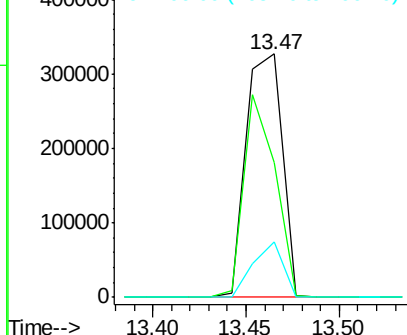
149 100

91 55.1 69.0 103.4#

206 23.0 12.3 18.5#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.15 ng

RT: 14.03 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BF085515.D

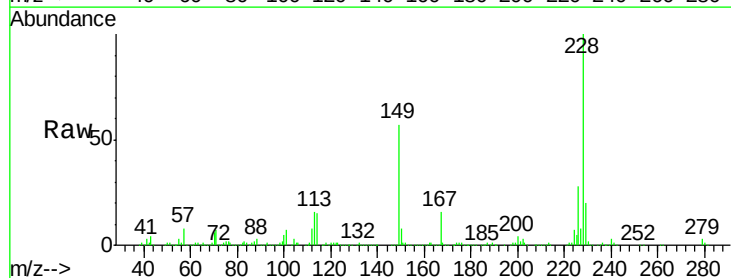
Acq: 18 Mar 2016 2:29

Tgt Ion:228 Resp: 689129
Ion Ratio Lower Upper

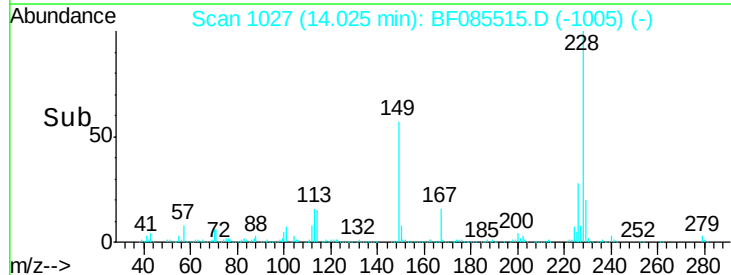
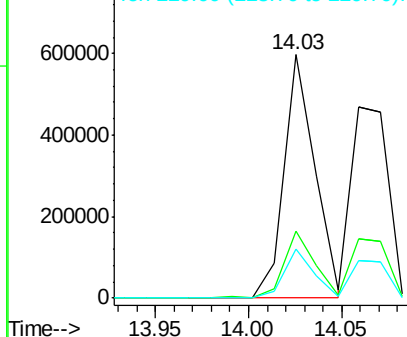
228 100

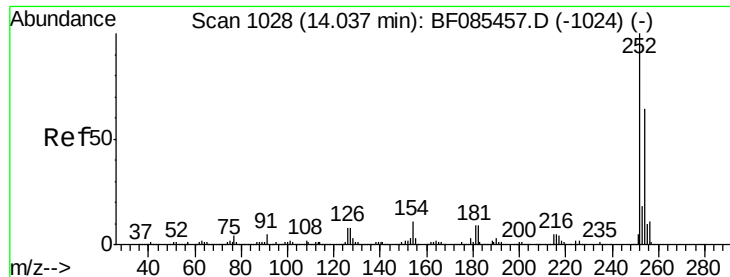
226 27.7 22.8 34.2

229 19.9 16.6 24.8



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

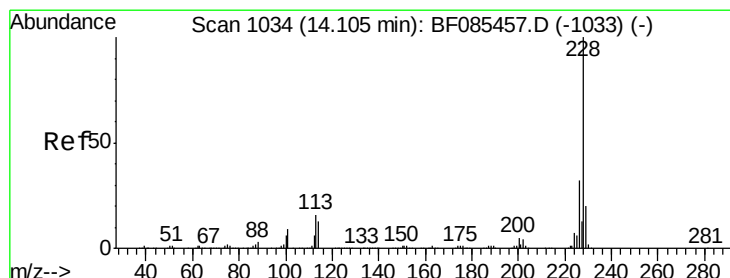
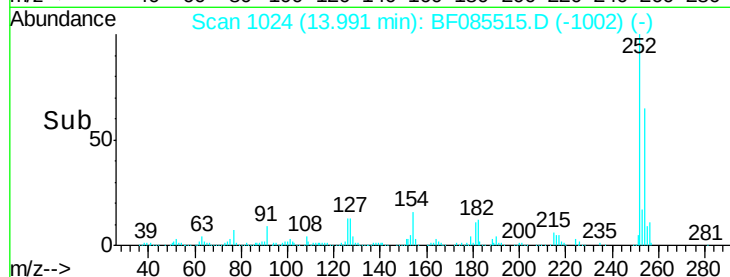
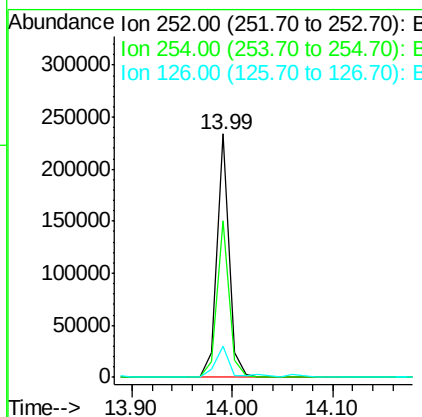
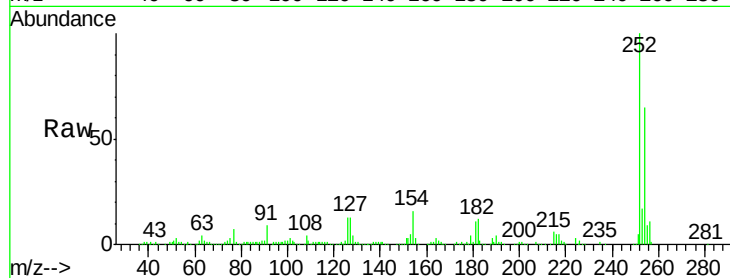




#81
 3,3'-Dichlorobenzidine
 Concen: 36.54 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.05 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

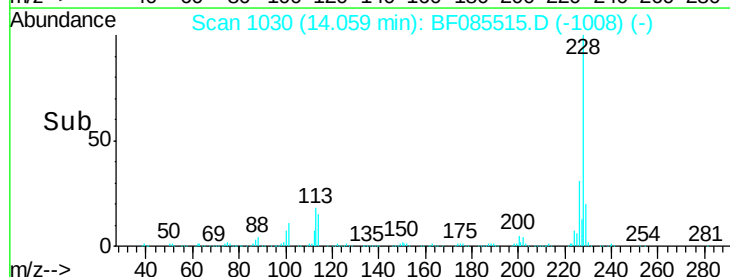
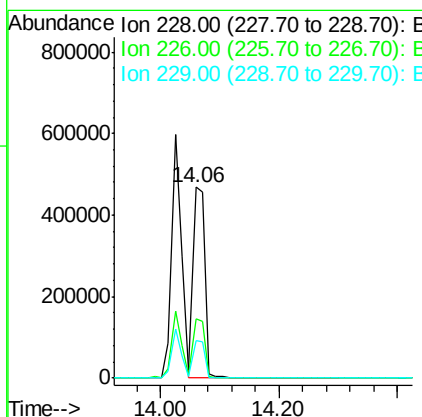
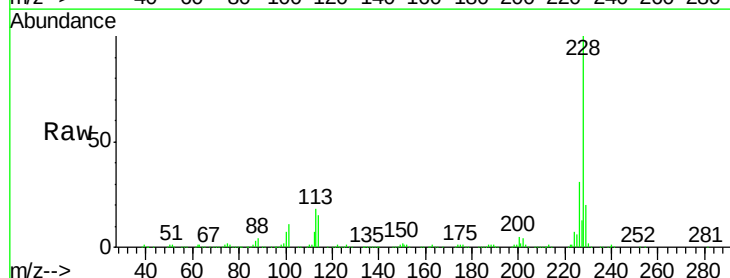
Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

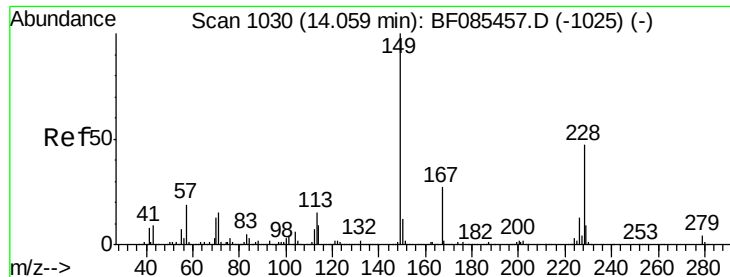
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.4	77.0
126	13.0	12.9	19.3



#82
 Chrysene
 Concen: 45.75 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. -0.05 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.2	37.8
229	19.9	16.0	24.0

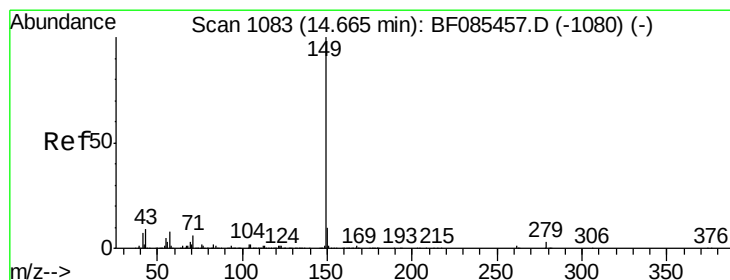
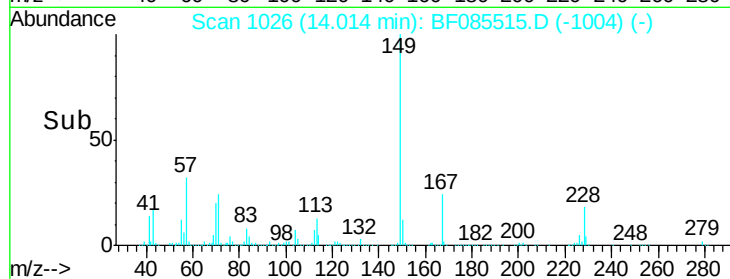
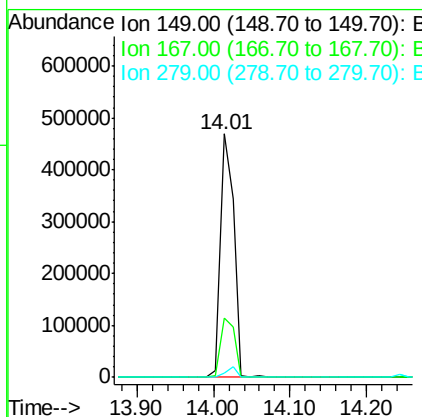
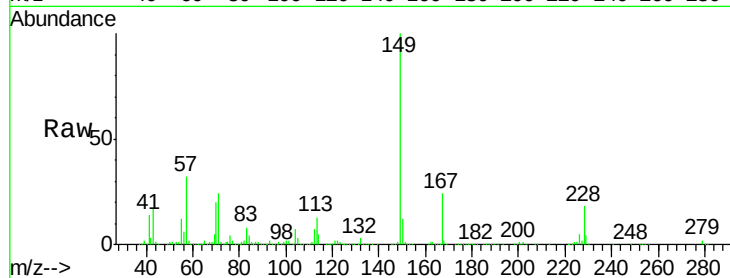




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.57 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.05 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

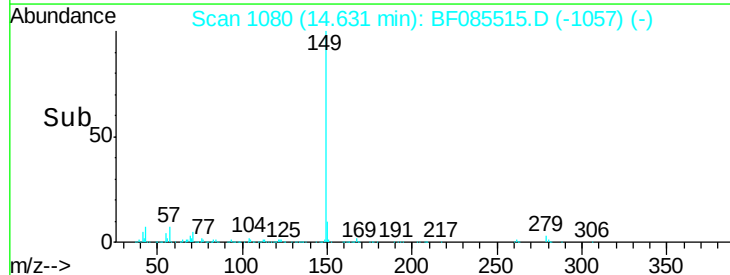
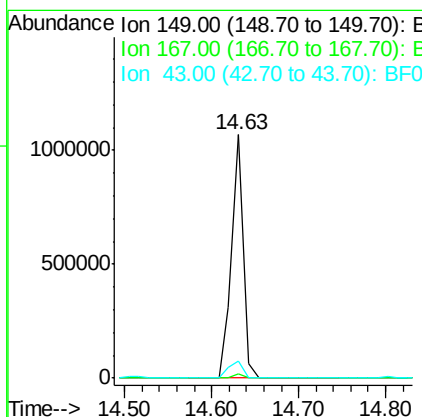
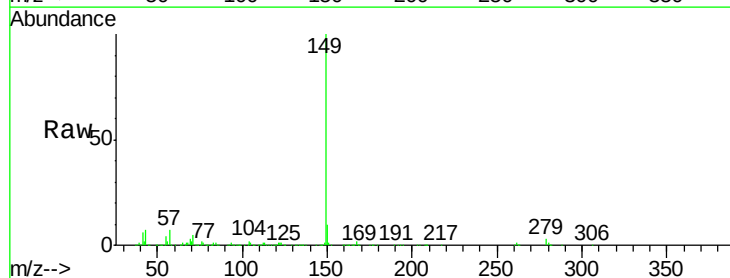
Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

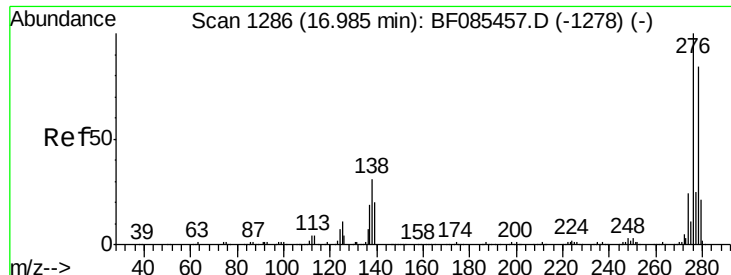
Tgt Ion:149 Resp: 574721
 Ion Ratio Lower Upper
 149 100
 167 24.3 20.3 30.5
 279 1.8 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 61.54 ng
 RT: 14.63 min Scan# 1080
 Delta R.T. -0.03 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

Tgt Ion:149 Resp: 1001304
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 8.5 7.8 11.8

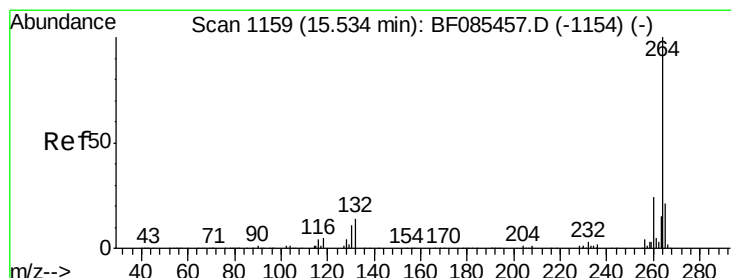
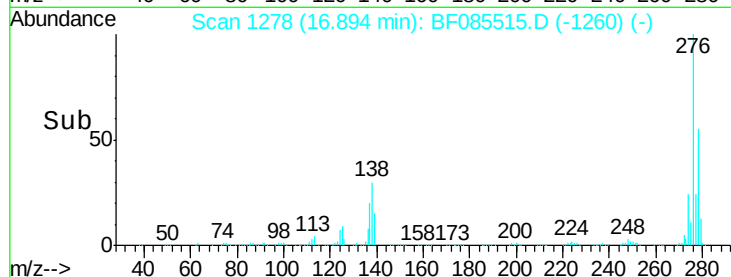
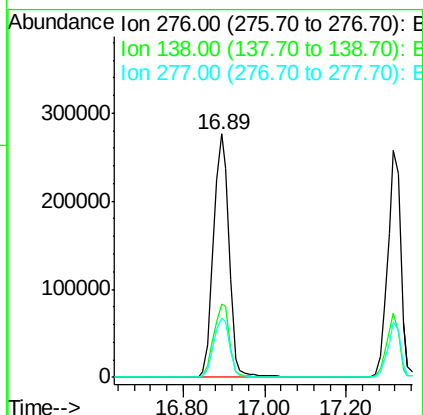
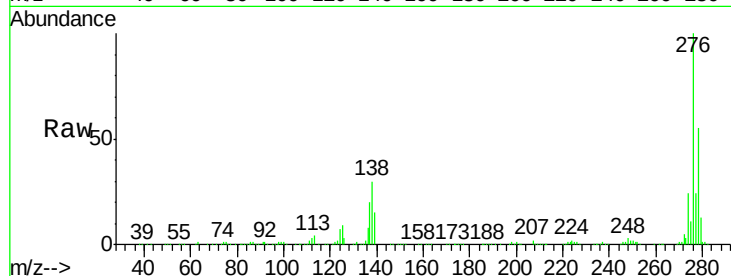




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.94 ng
 RT: 16.89 min Scan# 1278
 Delta R.T. -0.09 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

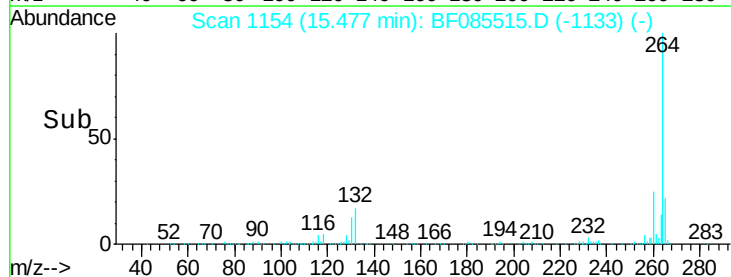
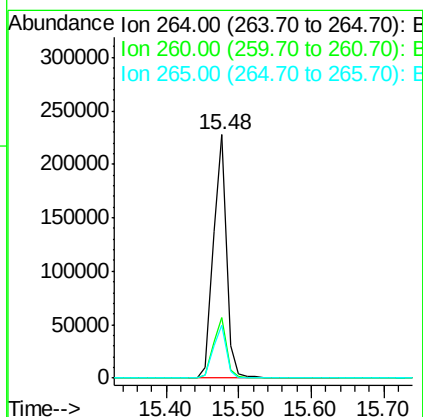
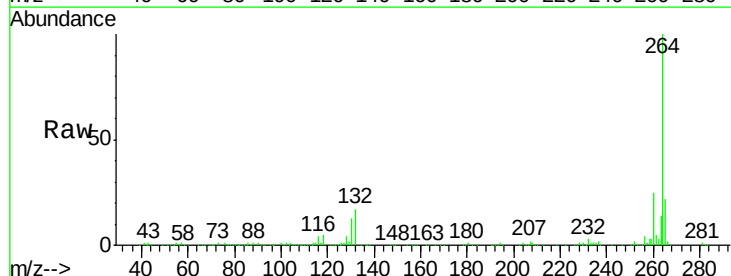
Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

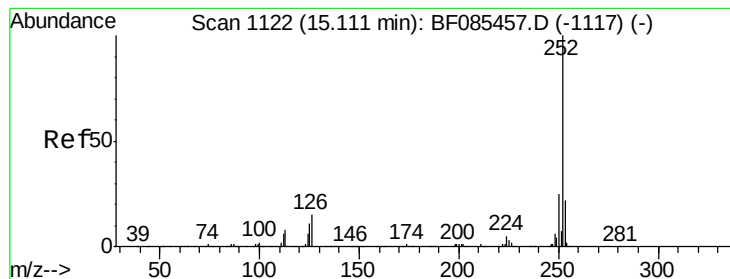
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.7	26.4	39.6
277	25.1	20.2	30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1154
 Delta R.T. -0.06 min
 Lab File: BF085515.D
 Acq: 18 Mar 2016 2:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 74.41 ng

RT: 15.09 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

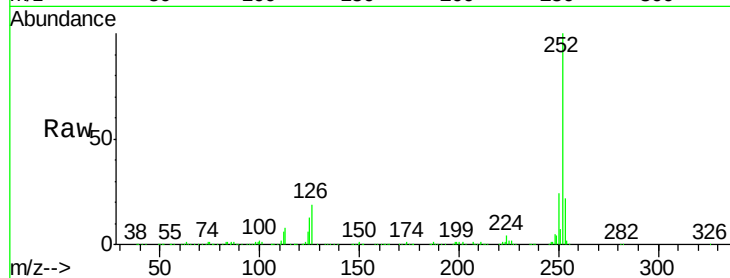
Tgt Ion:252 Resp: 1384954

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

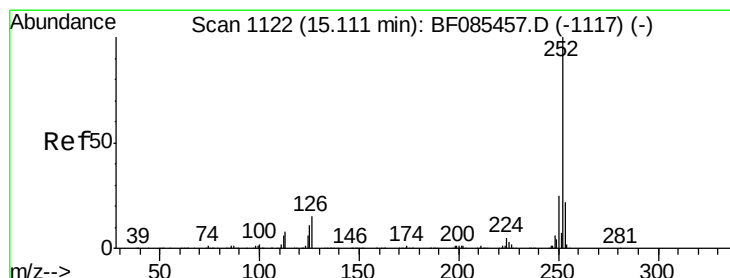
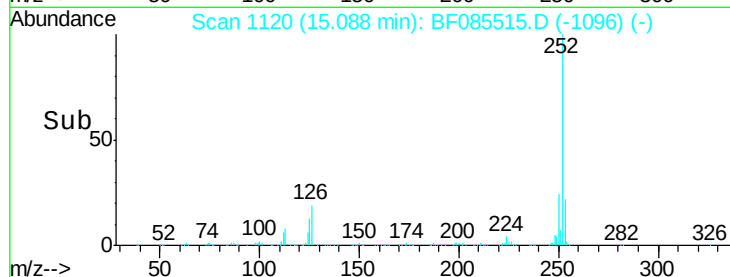
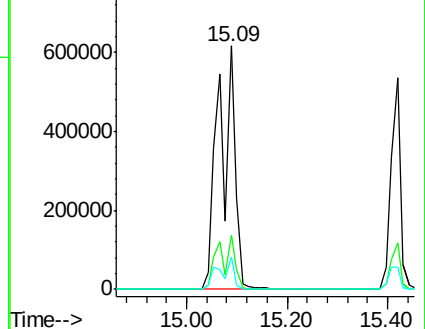
125 13.2 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 95.00 ng

RT: 15.09 min Scan# 1120

Delta R.T. -0.06 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

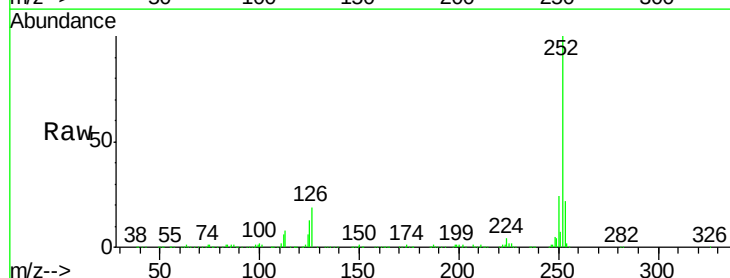
Tgt Ion:252 Resp: 1384954

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

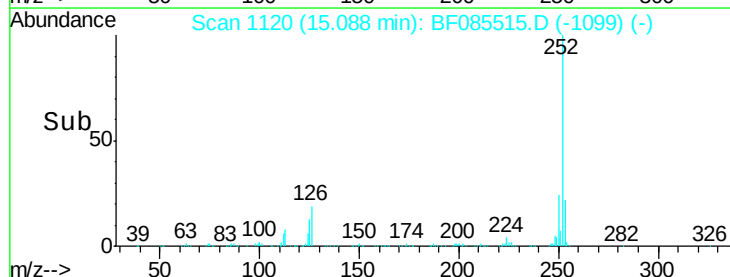
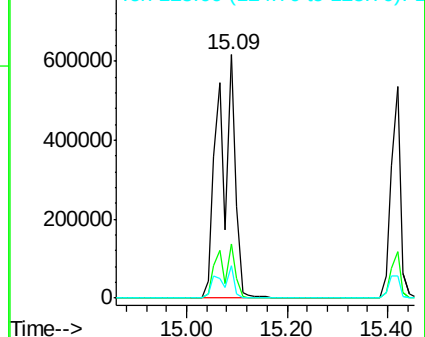
125 13.2 10.4 15.6

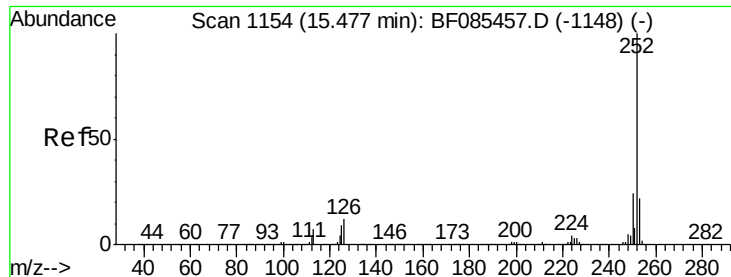


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.47 ng

RT: 15.42 min Scan# 1149

Delta R.T. -0.06 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

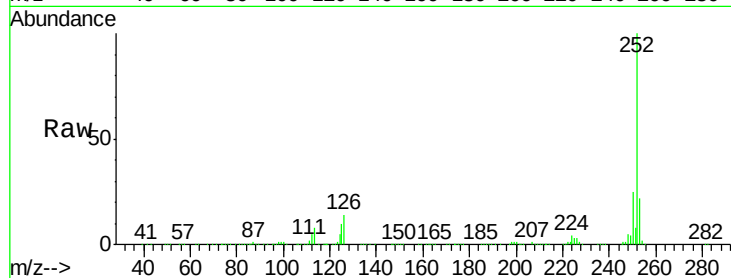
Tgt Ion:252 Resp: 699044

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

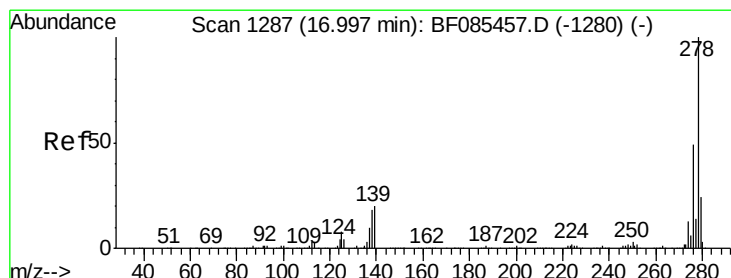
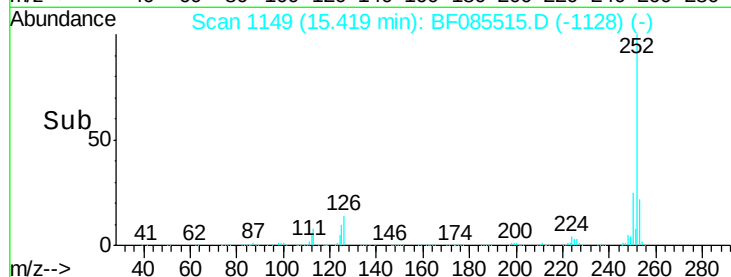
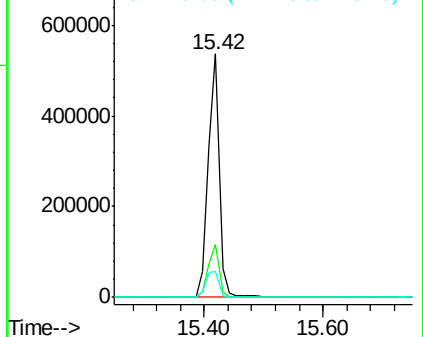
125 10.5 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.13 ng

RT: 16.91 min Scan# 1279

Delta R.T. -0.09 min

Lab File: BF085515.D

Acq: 18 Mar 2016 2:29

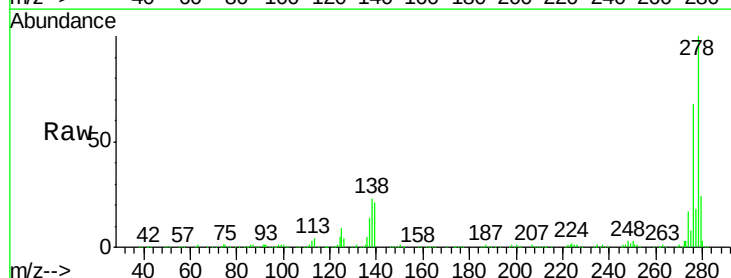
Tgt Ion:278 Resp: 630343

Ion Ratio Lower Upper

278 100

139 21.1 17.3 25.9

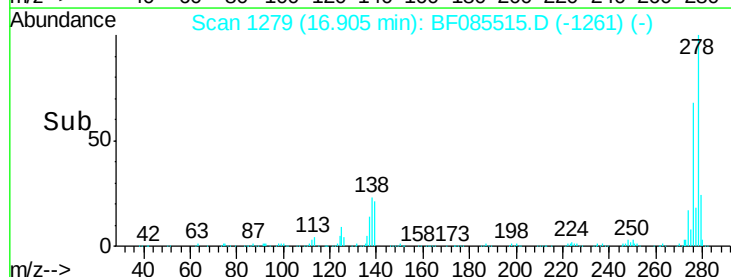
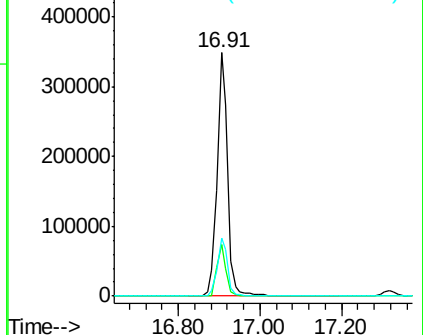
279 23.7 19.2 28.8

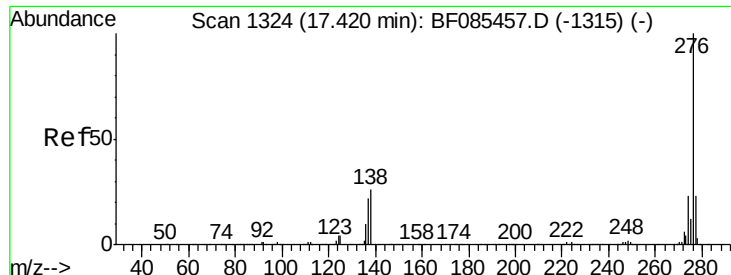


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 36.29 ng

RT: 17.32 min Scan# 1315

Delta R.T. -0.10 min

Lab File: BF085515.D

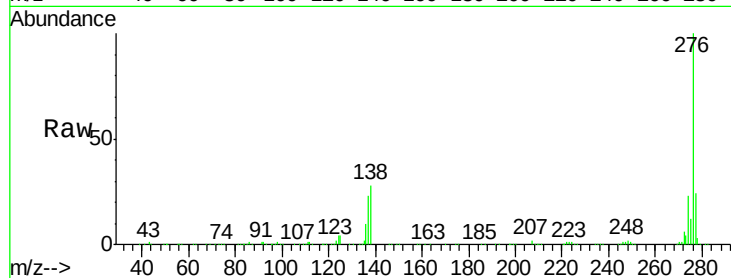
Acq: 18 Mar 2016 2:29

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD



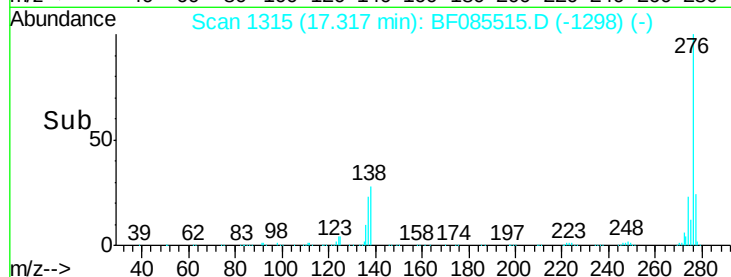
Tgt Ion: 276 Resp: 582223

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 28.2 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

