

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083417.D
 Acq On : 2 Dec 2015 14:40
 Operator : UM/IZ
 Sample : G4582-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

Quant Time: Dec 03 02:42:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	593257	20.00	ng	0.16
21) Naphthalene-d8	7.84	136	574821	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	277555	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	517682	20.00	ng	-0.01
75) Chrysene-d12	14.74	240	430835	20.00	ng	-0.02
86) Perylene-d12	16.80	264	320934	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1422011	35.97	ng	0.01
7) Phenol-d6	6.22	99	1867770	34.52	ng	0.00
23) Nitrobenzene-d5	7.12	82	1193389	91.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	396146	142.18	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1730856	88.87	ng	-0.01
78) Terphenyl-d14	13.21	244	1776895	98.36	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.01	88	183162	8.56	ng	# 90
3) Pyridine	2.61	79	596409	11.14	ng	97
4) n-Nitrosodimethylamine	2.58	42	292610	11.10	ng	94
6) Aniline	6.21	93	741051	10.01	ng	99
8) 2-Chlorophenol	6.34	128	529094	12.13	ng	93
9) Benzaldehyde	6.08	77	251232	7.31	ng	89
10) Phenol	6.24	94	876609	13.46	ng	97
11) bis(2-Chloroethyl)ether	6.29	93	596829	12.60	ng	92
12) 1,3-Dichlorobenzene	6.72	146	520289	10.73	ng	98
13) 1,4-Dichlorobenzene	6.72	146	520289	10.38	ng	98
14) 1,2-Dichlorobenzene	6.72	146	520289	11.32	ng	96
15) Benzyl Alcohol	6.70	79	491526	11.75	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	968329	11.65	ng	# 53
17) 2-Methylphenol	6.84	107	467368	12.86	ng	98
18) Hexachloroethane	7.05	117	193739	11.13	ng	95
19) n-Nitroso-di-n-propylamine	6.98	70	440894	11.40	ng	92
20) 3+4-Methylphenols	7.00	107	618703	12.57	ng	98
22) Acetophenone	6.97	105	782518	45.50	ng	# 97
24) Nitrobenzene	7.14	77	673343	48.22	ng	95
25) Isophorone	7.38	82	1122461	44.31	ng	99
26) 2-Nitrophenol	7.46	139	285060	50.01	ng	# 74
27) 2,4-Dimethylphenol	7.52	122	445835	46.66	ng	94
28) bis(2-Chloroethoxy)methane	7.61	93	690575	47.88	ng	98
29) 2,4-Dichlorophenol	7.71	162	456039	49.62	ng	94
30) 1,2,4-Trichlorobenzene	7.78	180	458568	45.84	ng	98
31) Naphthalene	7.86	128	1945030	62.36	ng	99
32) Benzoic acid	7.63	122	60395	9.16	ng	95
33) 4-Chloroaniline	7.92	127	515940	38.37	ng	94
34) Hexachlorobutadiene	7.98	225	250725	44.15	ng	97
35) Caprolactam	8.29	113	94907	32.68	ng	97
36) 4-Chloro-3-methylphenol	8.42	107	491624	47.69	ng	# 81
37) 2-Methylnaphthalene	8.54	142	987128	47.36	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	419070	47.63	ng	99
40) Hexachlorocyclopentadiene	8.70	237	356603	85.32	ng	97

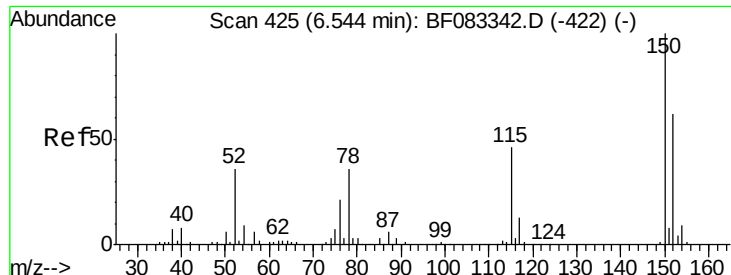
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083417.D
 Acq On : 2 Dec 2015 14:40
 Operator : UM/IZ
 Sample : G4582-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

Quant Time: Dec 03 02:42:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	298134	48.31	ng	99
43) 2,4,5-Trichlorophenol	8.89	196	316967	49.57	ng #	93
45) 1,1'-Biphenyl	9.01	154	1216048	49.96	ng	99
46) 2-Chloronaphthalene	9.02	162	871520	46.99	ng	98
47) 2-Nitroaniline	9.14	65	360340	49.05	ng #	84
48) Acenaphthylene	9.44	152	1358303	45.91	ng	98
49) Dimethylphthalate	9.33	163	1497033	66.37	ng	98
50) 2,6-Dinitrotoluene	9.38	165	222632	46.22	ng #	83
51) Acenaphthene	9.61	154	895155	51.44	ng	99
52) 3-Nitroaniline	9.55	138	209716	37.14	ng	92
53) 2,4-Dinitrophenol	9.66	184	109123	41.45	ng #	72
54) Dibenzofuran	9.79	168	1215932	47.68	ng	91
55) 4-Nitrophenol	9.76	139	388266	109.94	ng #	64
56) 2,4-Dinitrotoluene	9.79	165	301602	49.34	ng #	59
57) Fluorene	10.12	166	914704	45.42	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	263465	51.07	ng	98
59) Diethylphthalate	10.02	149	980282	45.60	ng	99
60) 4-Chlorophenyl-phenylether	10.12	204	427867	46.24	ng	95
61) 4-Nitroaniline	10.17	138	234171	41.45	ng	94
62) Azobenzene	10.28	77	1264481	48.68	ng	99
64) 4,6-Dinitro-2-methylphenol	10.19	198	147418	42.41	ng #	74
65) n-Nitrosodiphenylamine	10.25	169	862022	47.39	ng	99
66) 4-Bromophenyl-phenylether	10.62	248	279670	49.39	ng	98
67) Hexachlorobenzene	10.69	284	295191	47.14	ng	99
68) Atrazine	10.82	200	274004	54.46	ng	97
69) Pentachlorophenol	10.91	266	315939	96.32	ng	99
70) Phenanthrene	11.15	178	1498921	48.93	ng	99
71) Anthracene	11.21	178	1480994	48.02	ng	99
72) Carbazole	11.40	167	1328020	47.92	ng	99
73) Di-n-butylphthalate	11.84	149	1558908	47.47	ng	99
74) Fluoranthene	12.65	202	1439612	45.33	ng	97
76) Benzidine	12.85	184	752376	58.63	ng	98
77) Pyrene	12.96	202	1469016	48.82	ng	98
79) Butylbenzylphthalate	13.95	149	663667	52.00	ng #	82
80) Benzo(a)anthracene	14.72	228	1225052	46.41	ng	100
81) 3,3'-Dichlorobenzidine	14.71	252	349869	42.44	ng	99
82) Chrysene	14.77	228	1135478	44.52	ng	100
83) Bis(2-ethylhexyl)phthalate	14.85	149	921683	53.83	ng	98
84) Di-n-octyl phthalate	15.83	149	1394961	54.71	ng	99
85) Indeno(1,2,3-cd)pyrene	18.18	276	972779	52.37	ng	99
87) Benzo(b)fluoranthene	16.28	252	955928	46.42	ng	99
88) Benzo(k)fluoranthene	16.33	252	889563	45.75	ng	99
89) Benzo(a)pyrene	16.73	252	853734	48.27	ng	100
90) Dibenzo(a,h)anthracene	18.20	278	825143	53.54	ng	100
91) Benzo(g,h,i)perylene	18.55	276	815677	53.92	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 439

Delta R.T. 0.16 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

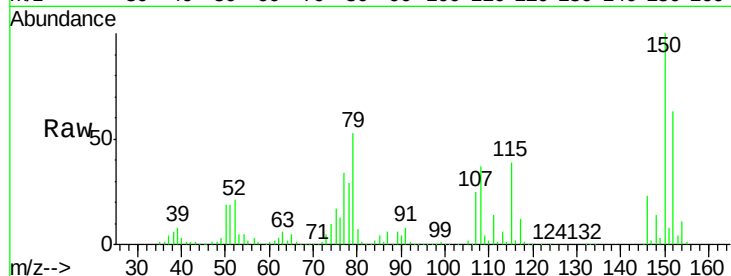
Tgt Ion:152 Resp: 593257

Ion Ratio Lower Upper

152 100

150 159.5 129.8 194.8

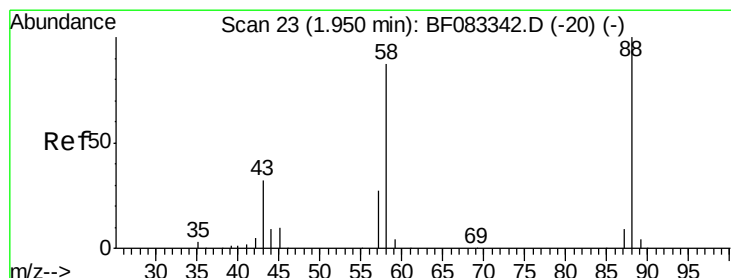
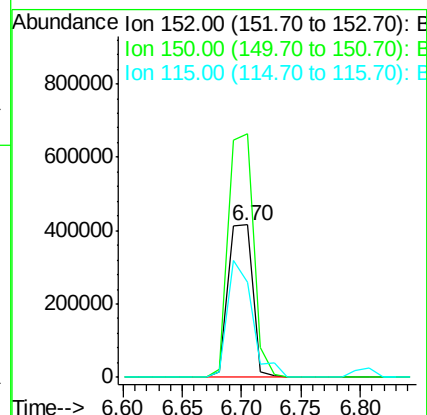
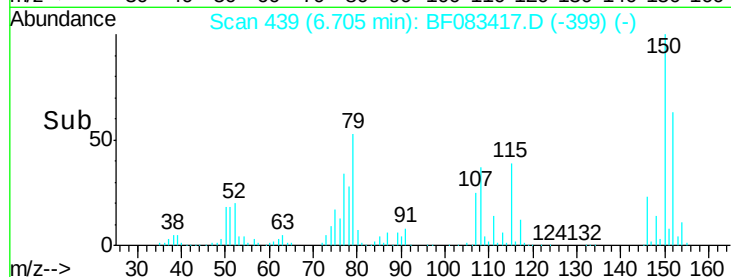
115 62.0 59.2 88.8



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: 8.56 ng

RT: 2.01 min Scan# 28

Delta R.T. 0.06 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

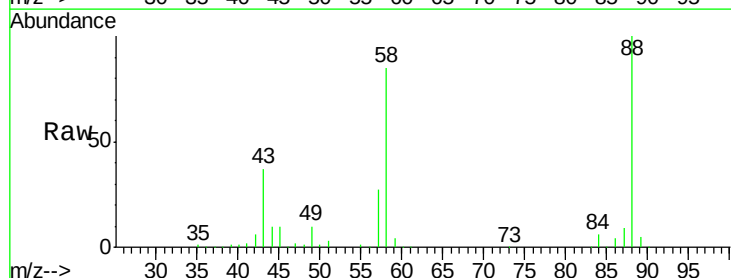
Tgt Ion: 88 Resp: 183162

Ion Ratio Lower Upper

88 100

58 89.2 66.6 100.0

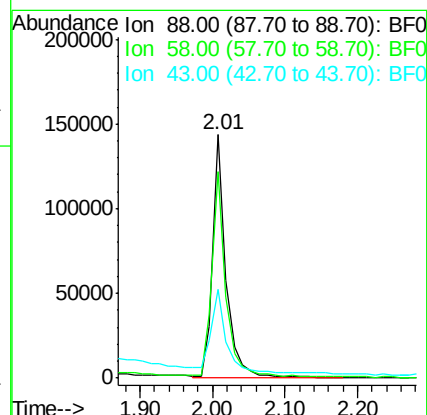
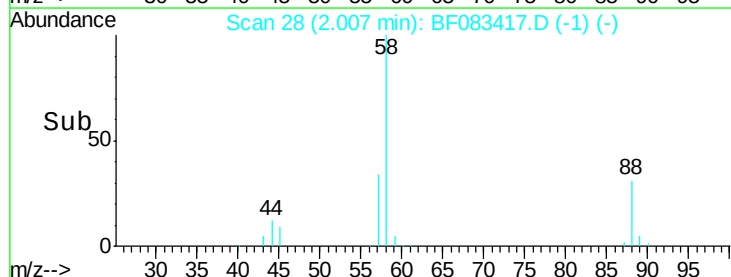
43 44.9 27.1 40.7#

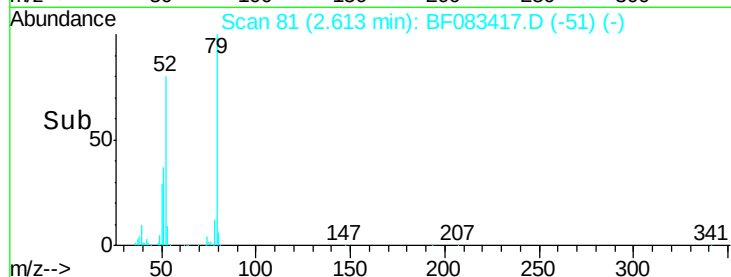
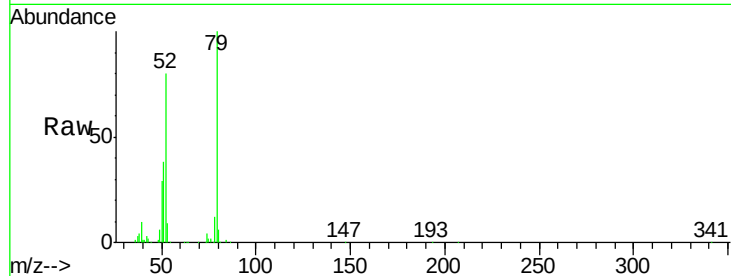
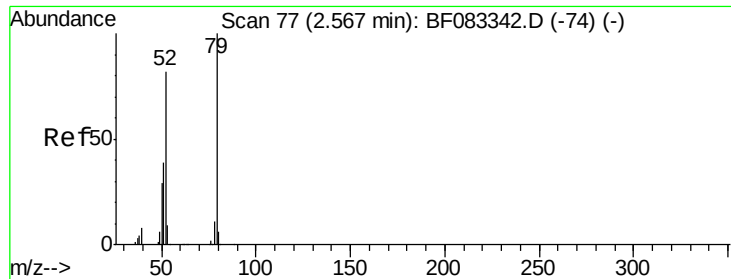


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

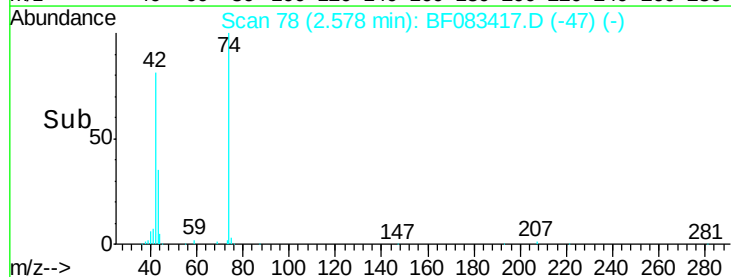
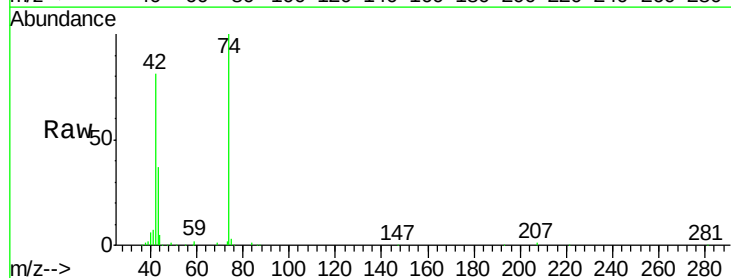
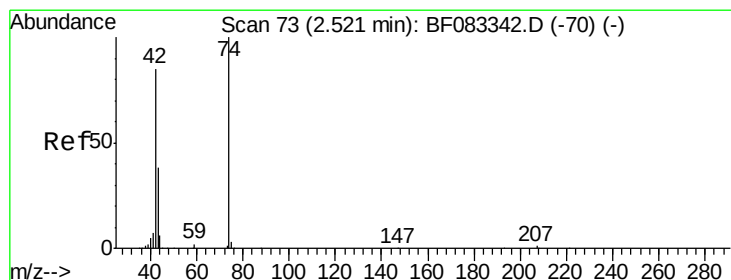
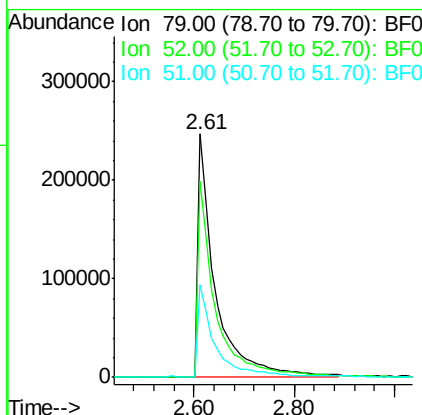




#3
 Pyridine
 Concen: 11.14 ng
 RT: 2.61 min Scan# 81
 Delta R.T. 0.05 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

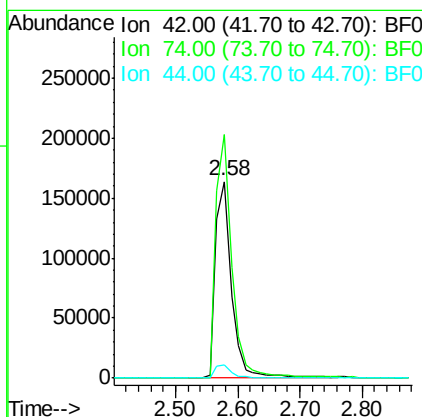
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

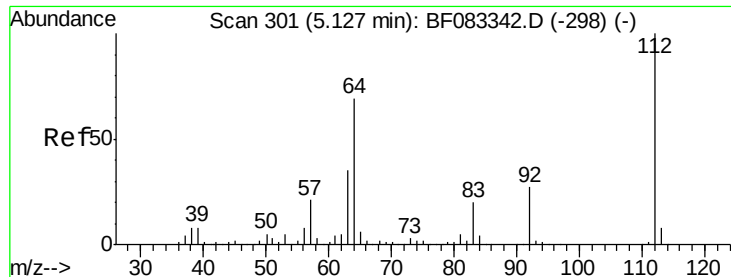
Tgt Ion: 79 Resp: 596409
 Ion Ratio Lower Upper
 79 100
 52 80.4 65.9 98.9
 51 37.8 32.3 48.5



#4
 n-Nitrosodimethylamine
 Concen: 11.10 ng
 RT: 2.58 min Scan# 78
 Delta R.T. 0.06 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Tgt Ion: 42 Resp: 292610
 Ion Ratio Lower Upper
 42 100
 74 123.9 93.7 140.5
 44 6.7 5.6 8.4





#5

2-Fluorophenol

Concen: 35.97 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

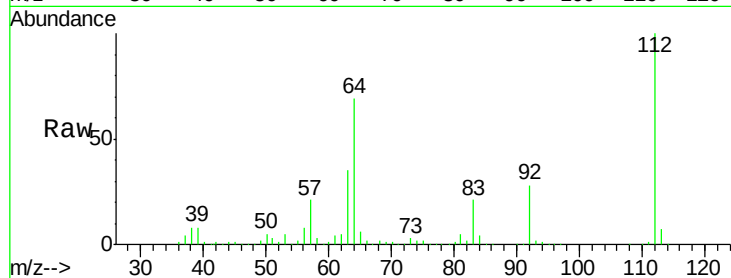
Tgt Ion: 112 Resp: 1422011

Ion Ratio Lower Upper

112 100

64 69.4 55.6 83.4

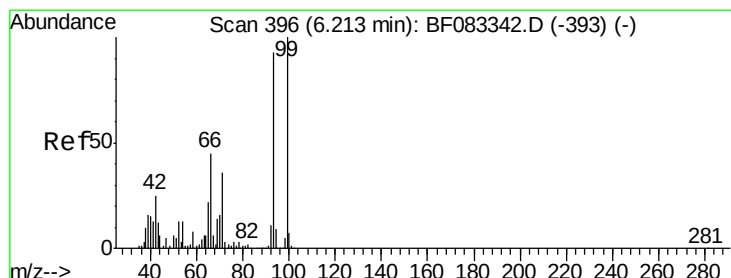
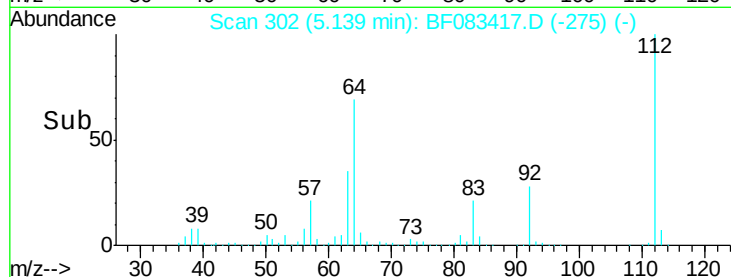
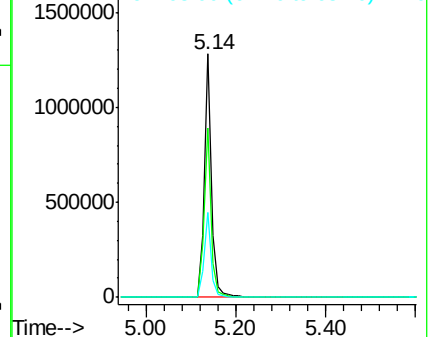
63 34.8 28.2 42.2



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: 10.01 ng

RT: 6.21 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

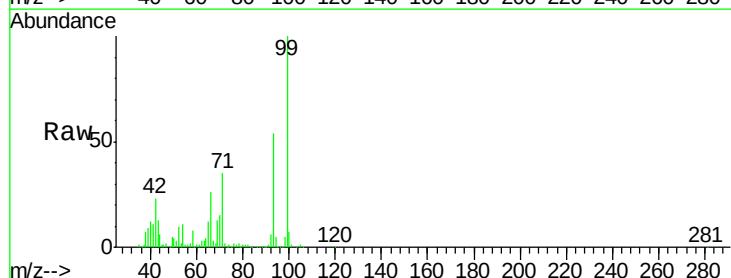
Tgt Ion: 93 Resp: 741051

Ion Ratio Lower Upper

93 100

66 48.1 38.7 58.1

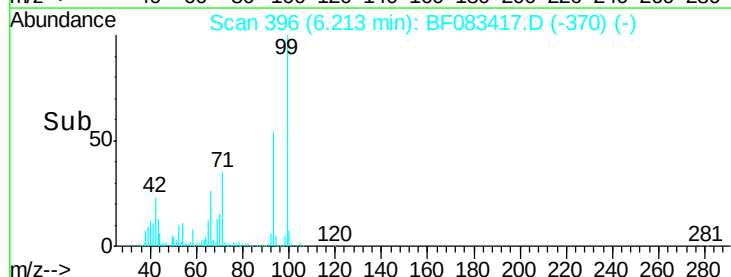
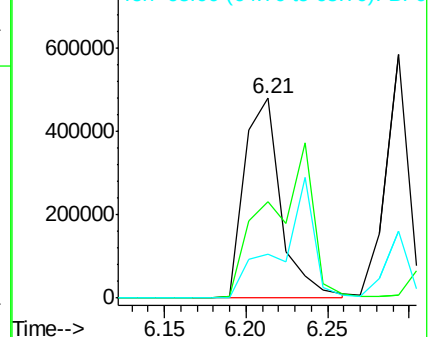
65 22.3 19.0 28.6

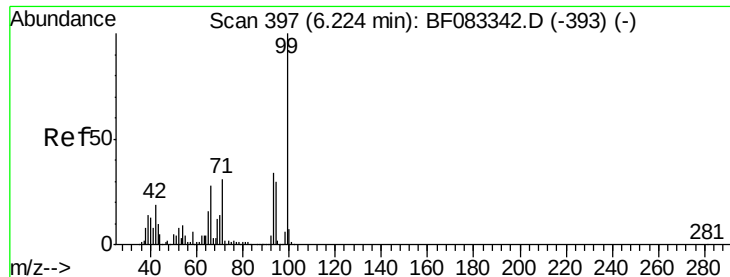


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 34.52 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

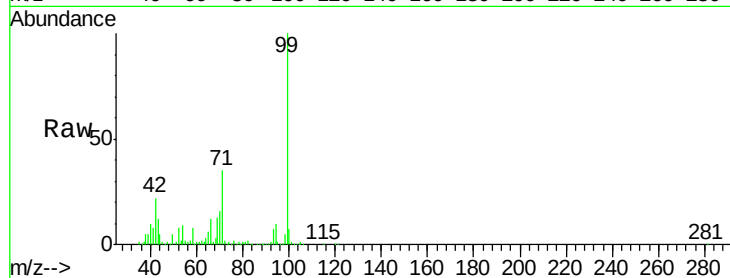
Tgt Ion: 99 Resp: 1867770

Ion Ratio Lower Upper

99 100

42 21.6 14.9 22.3

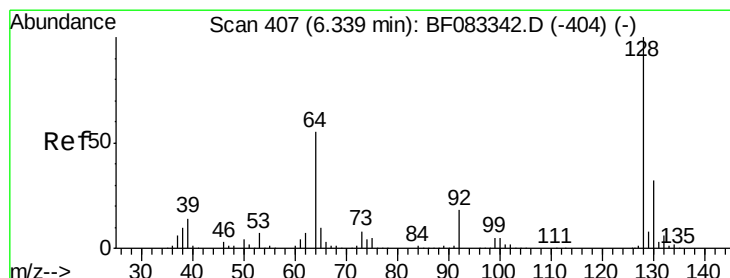
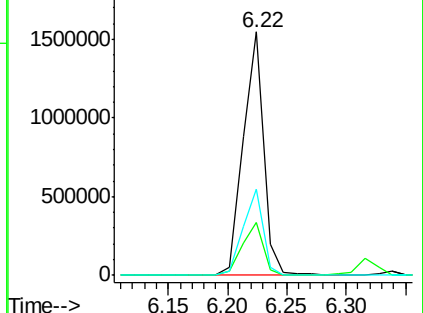
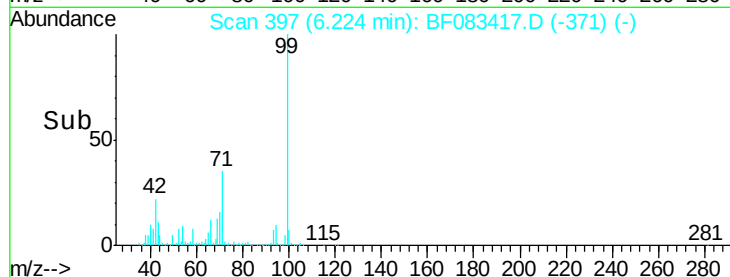
71 35.4 24.7 37.1



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: 12.13 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

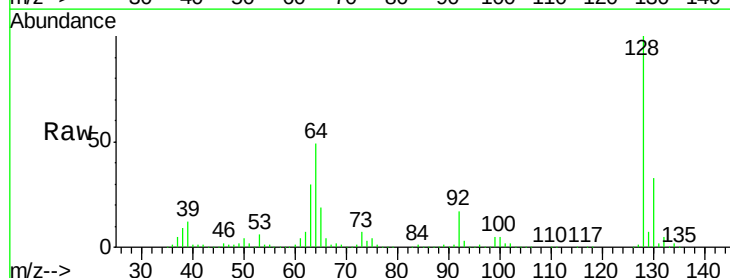
Tgt Ion: 128 Resp: 529094

Ion Ratio Lower Upper

128 100

130 33.4 12.3 52.3

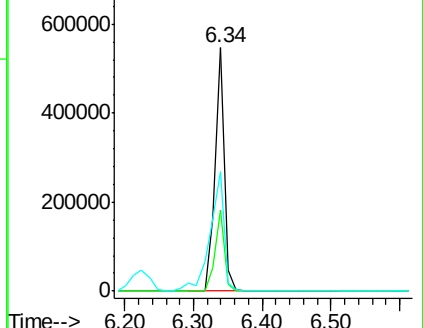
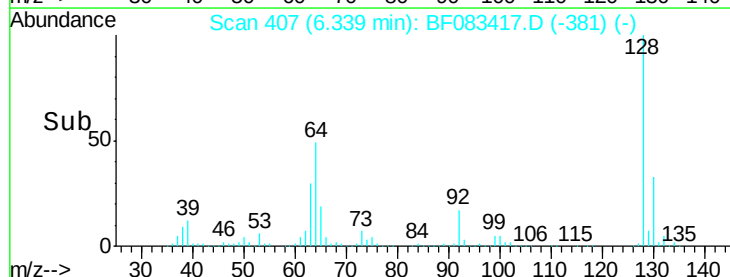
64 48.9 36.4 76.4

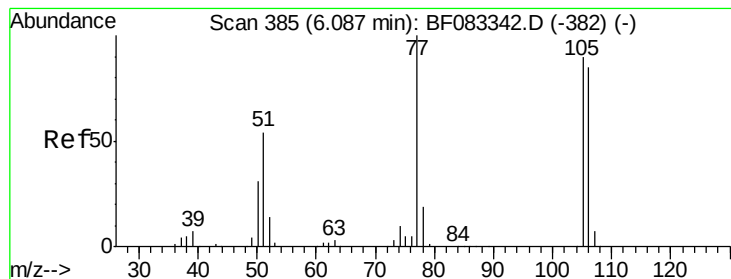


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.31 ng

RT: 6.08 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

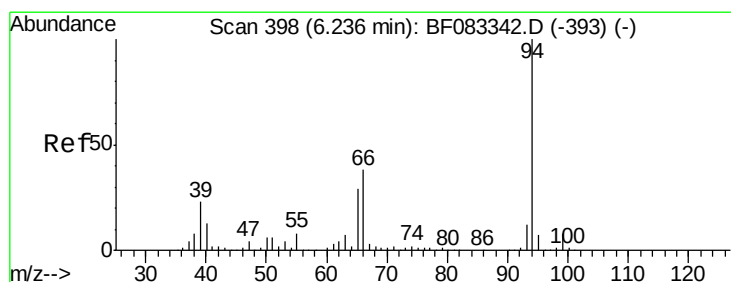
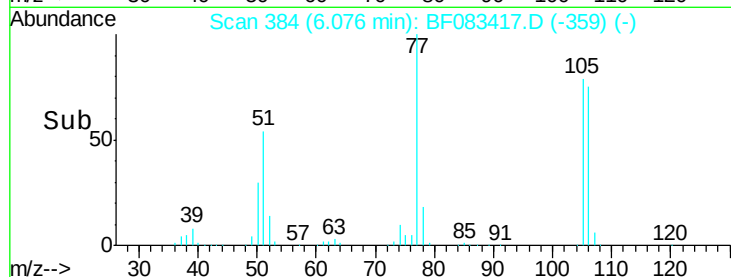
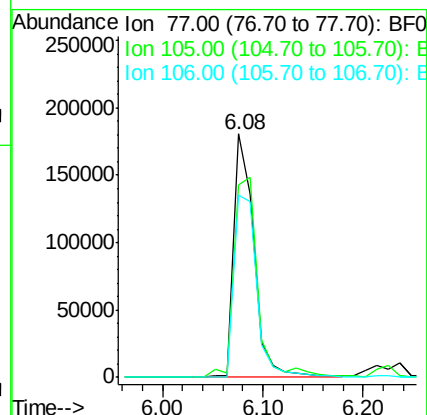
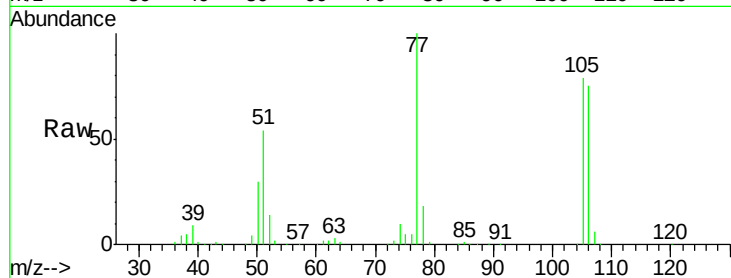
Tgt Ion: 77 Resp: 251232

Ion Ratio Lower Upper

77 100

105 78.9 70.0 110.0

106 74.9 65.0 105.0



#10

Phenol

Concen: 13.46 ng

RT: 6.24 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

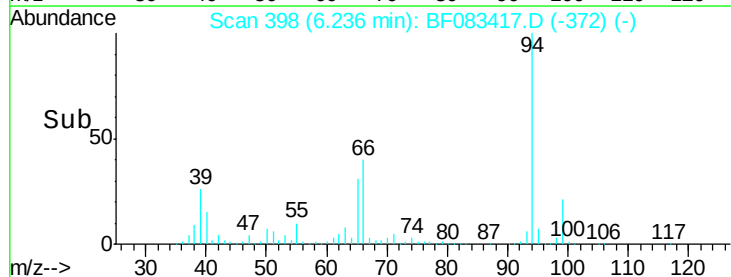
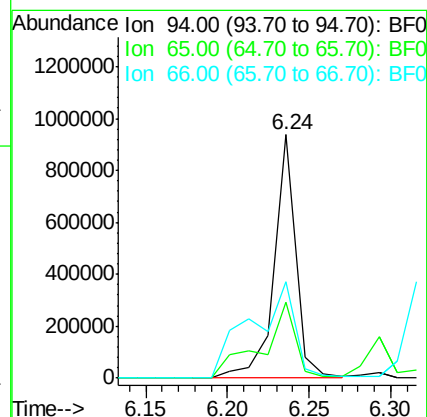
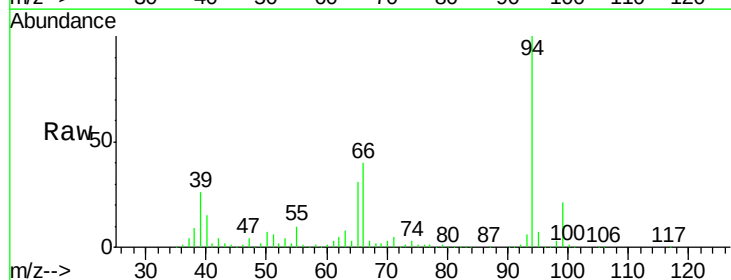
Tgt Ion: 94 Resp: 876609

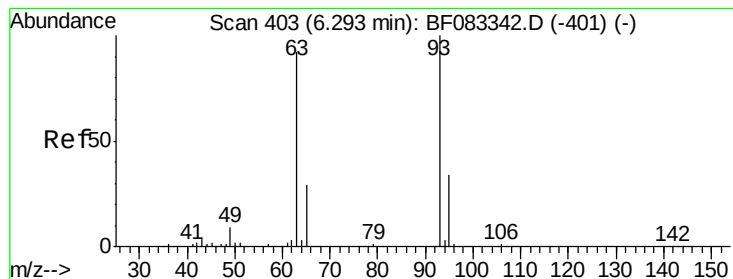
Ion Ratio Lower Upper

94 100

65 31.0 9.5 49.5

66 39.7 17.9 57.9





#11

bis(2-Chloroethyl)ether

Concen: 12.60 ng

RT: 6.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

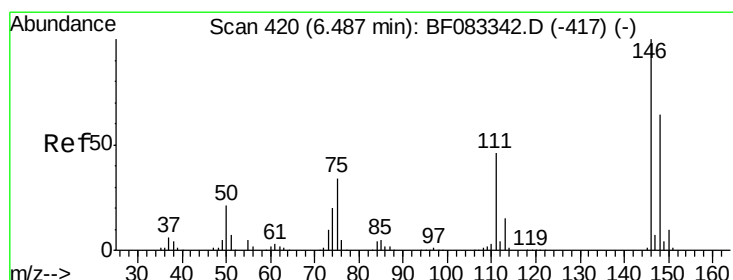
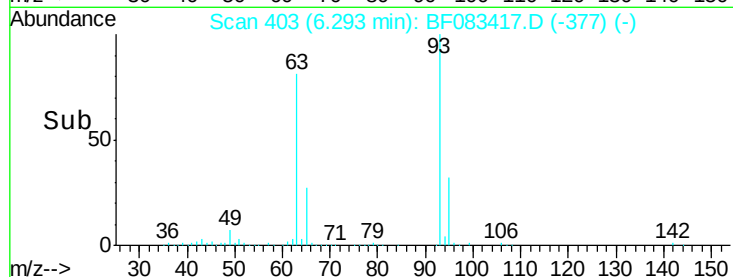
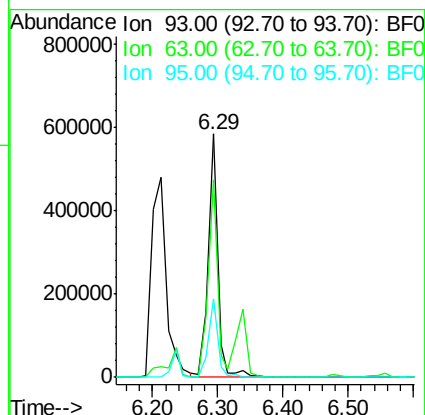
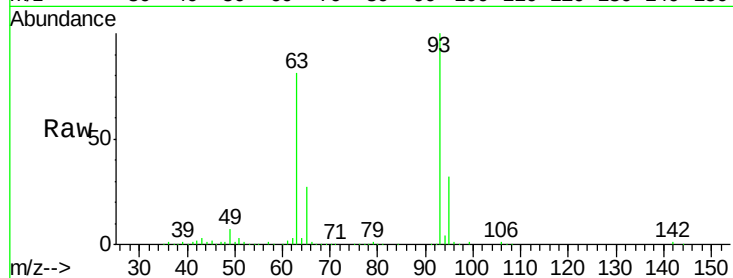
Tgt Ion: 93 Resp: 596829

Ion Ratio Lower Upper

93 100

63 81.1 71.4 111.4

95 32.4 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 10.73 ng

RT: 6.72 min Scan# 440

Delta R.T. 0.23 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

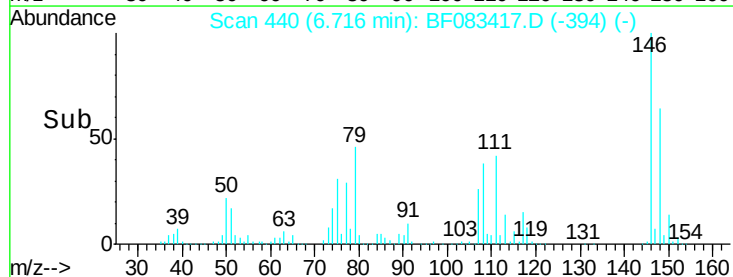
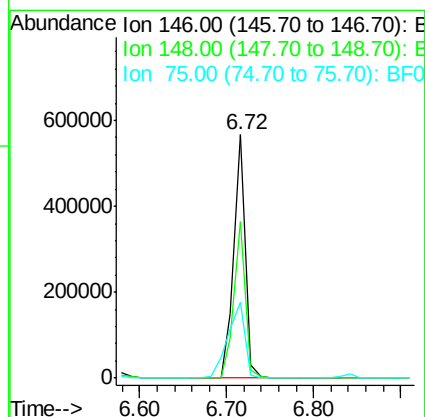
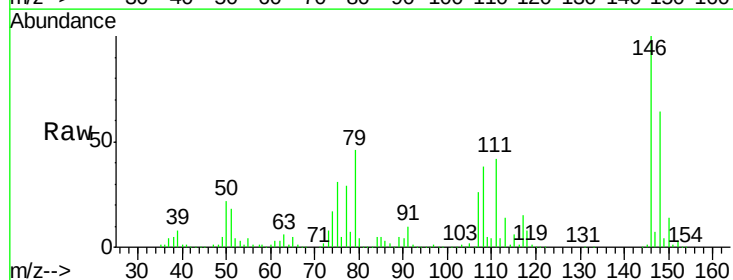
Tgt Ion: 146 Resp: 520289

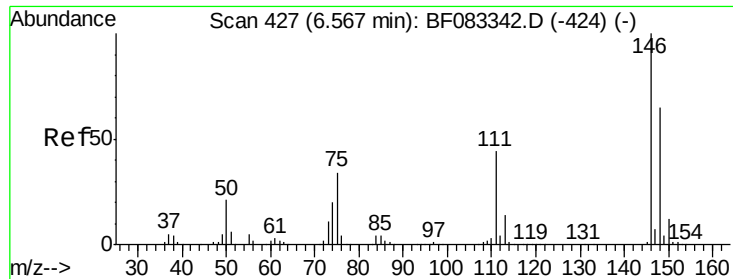
Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

75 31.0 27.5 41.3

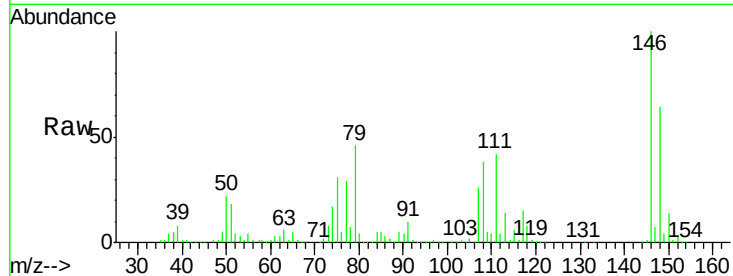




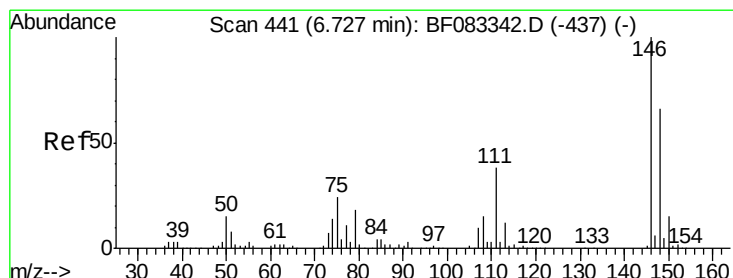
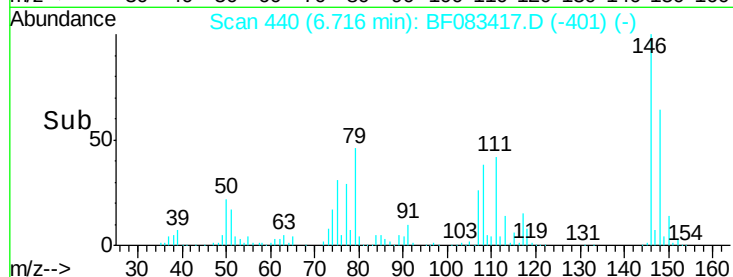
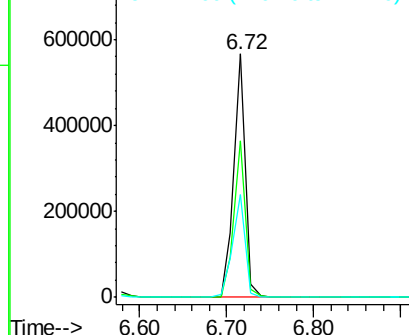
#13
 1,4-Dichlorobenzene
 Concen: 10.38 ng
 RT: 6.72 min Scan# 440
 Delta R.T. 0.15 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

Tgt Ion:146 Resp: 520289
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.1 78.1
 111 42.4 35.4 53.0

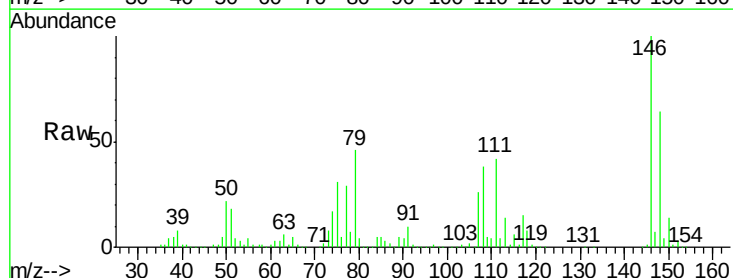


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

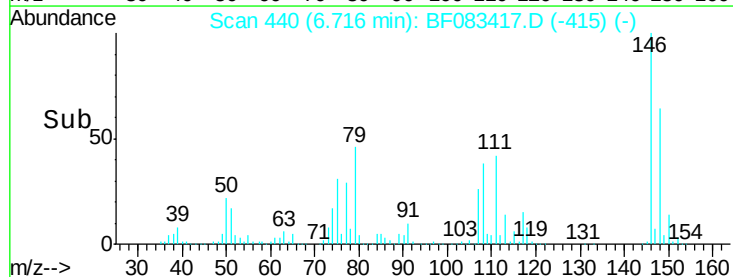
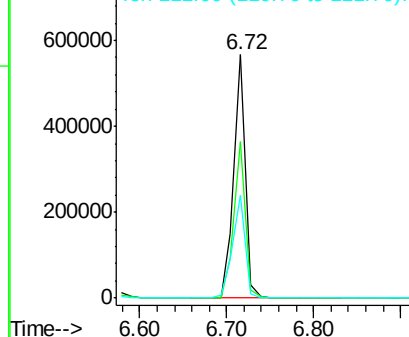


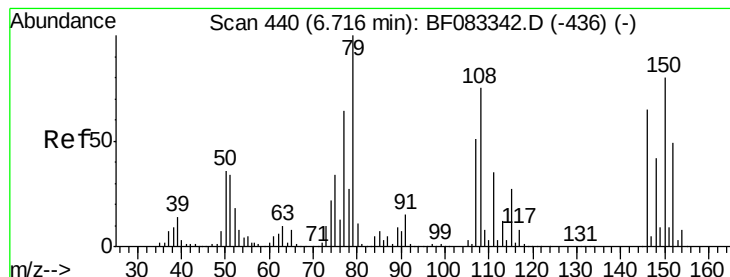
#14
 1,2-Dichlorobenzene
 Concen: 11.32 ng
 RT: 6.72 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Tgt Ion:146 Resp: 520289
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.5 78.7
 111 42.4 30.6 46.0



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





#15

Benzyl Alcohol

Concen: 11.75 ng

RT: 6.70 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

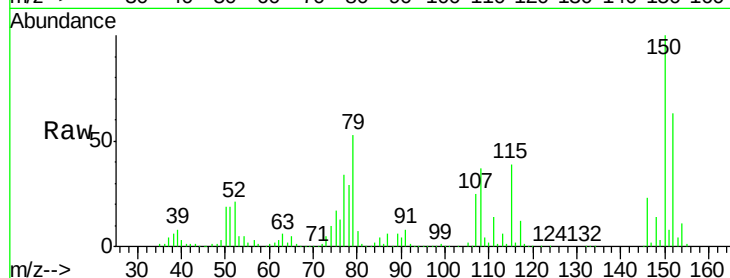
Tgt Ion: 79 Resp: 491526

Ion Ratio Lower Upper

79 100

108 69.4 59.9 89.9

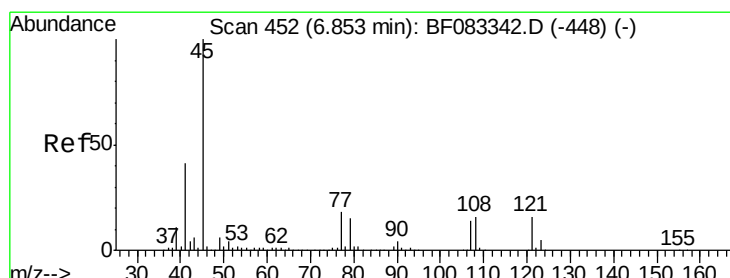
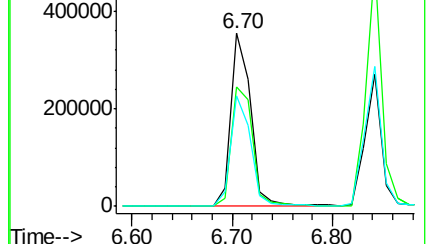
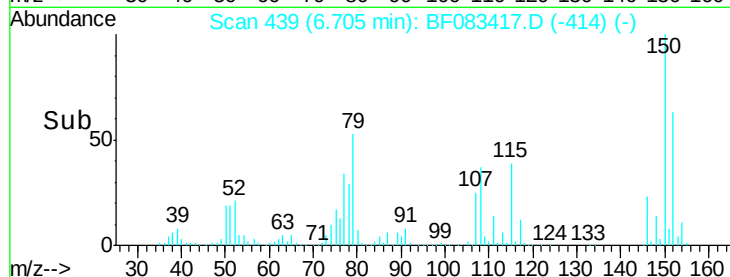
77 63.9 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 11.65 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

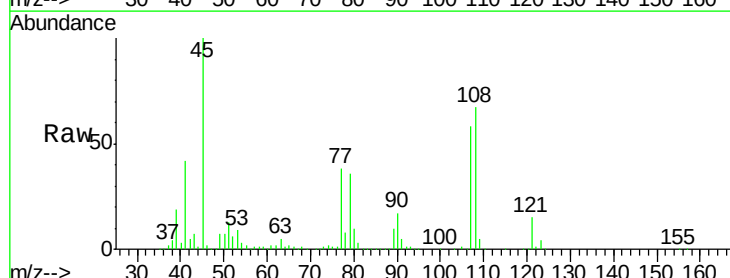
Tgt Ion: 45 Resp: 968329

Ion Ratio Lower Upper

45 100

77 38.4 0.0 38.3#

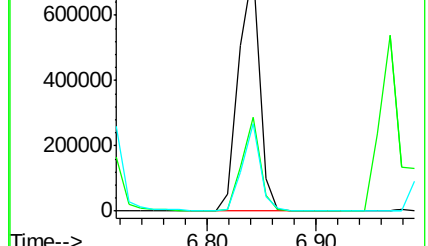
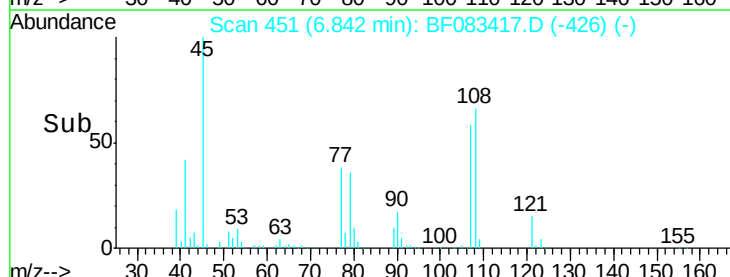
79 36.1 0.0 35.4#

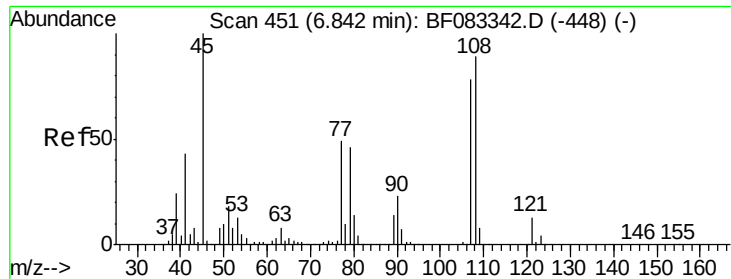


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

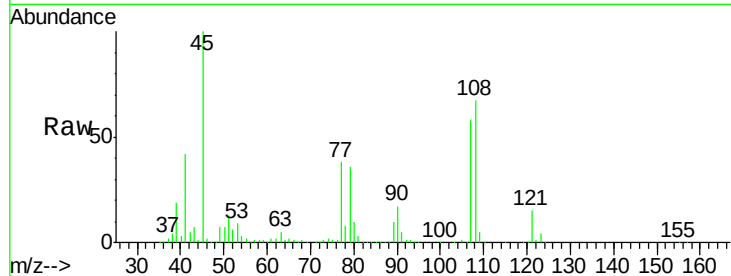




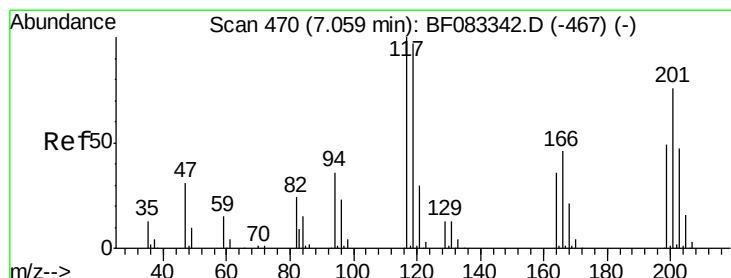
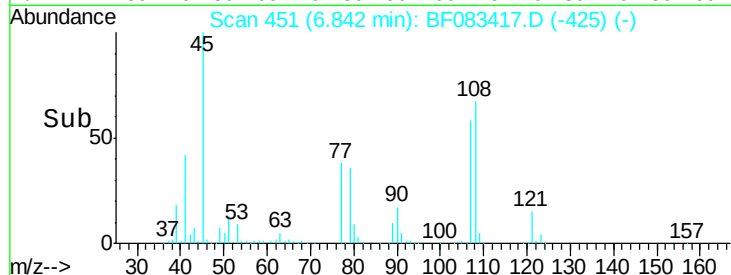
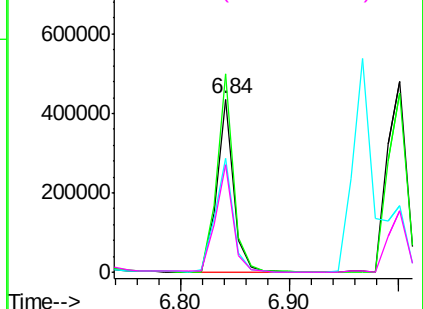
#17
2-Methylphenol
Concen: 12.86 ng
RT: 6.84 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

Tgt Ion:	107	Resp:	467368
Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.6	137.4
77	65.8	49.9	74.9
79	62.0	47.3	70.9

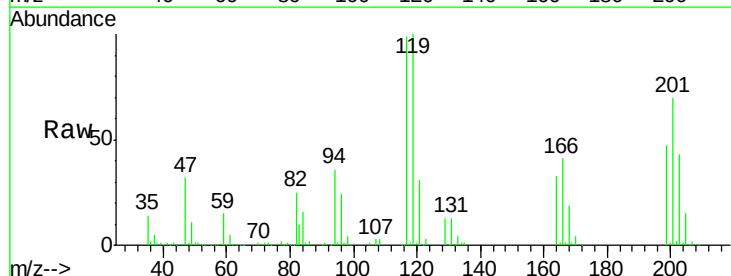


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

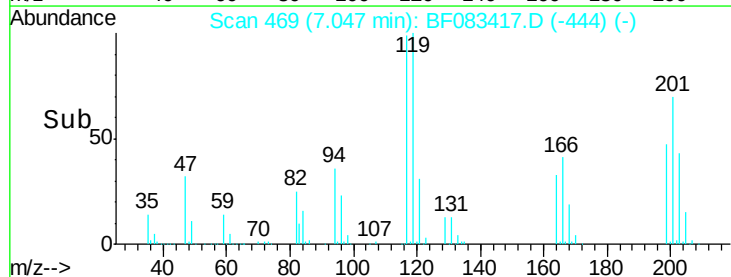
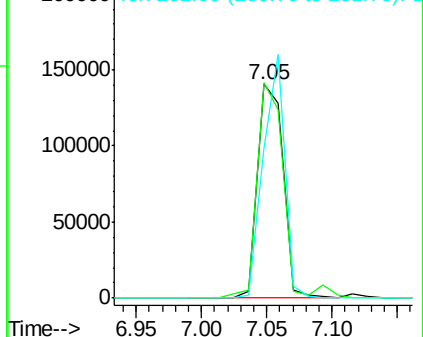


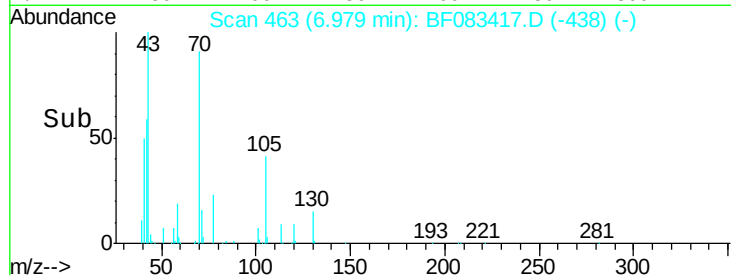
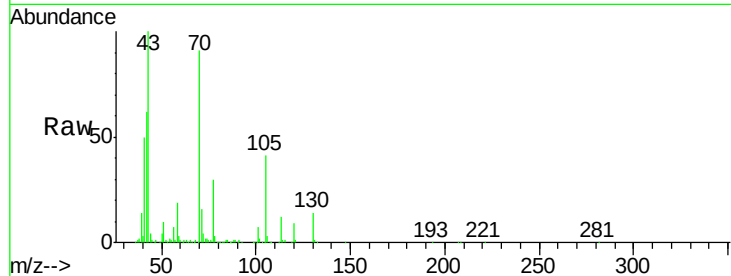
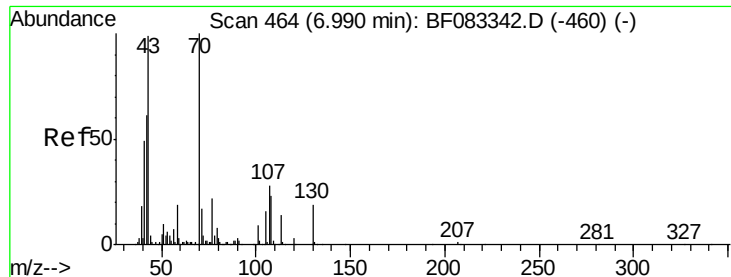
#18
Hexachloroethane
Concen: 11.13 ng
RT: 7.05 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion:	117	Resp:	193739
Ion	Ratio	Lower	Upper
117	100		
119	100.6	77.3	115.9
201	70.2	60.6	90.8



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

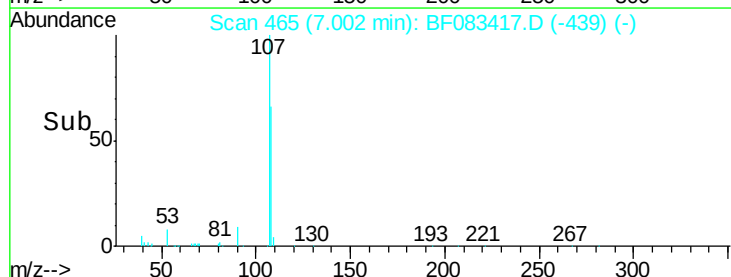
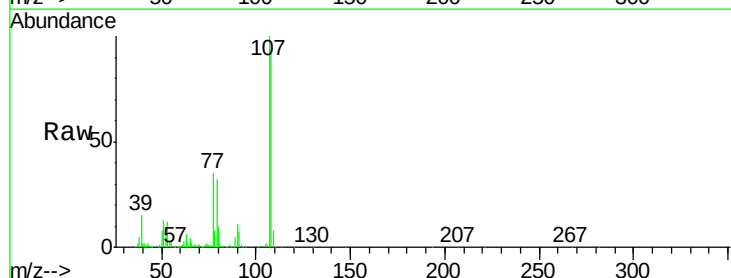
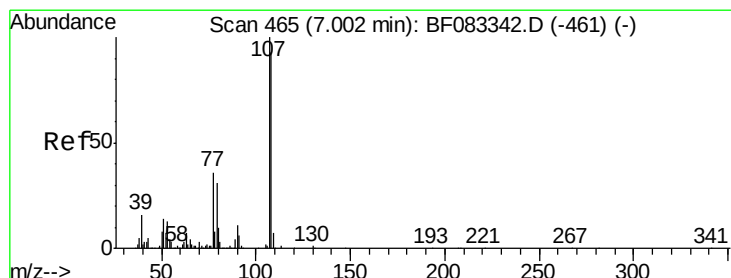
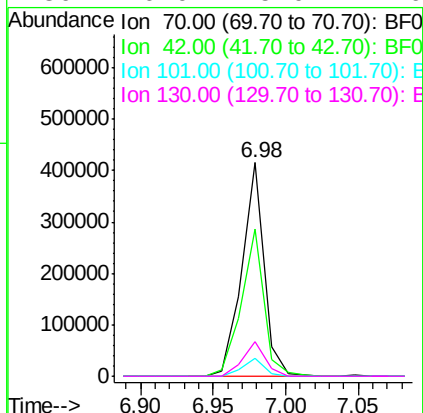




#19
n-Nitroso-di-n-propylamine
Concen: 11.40 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

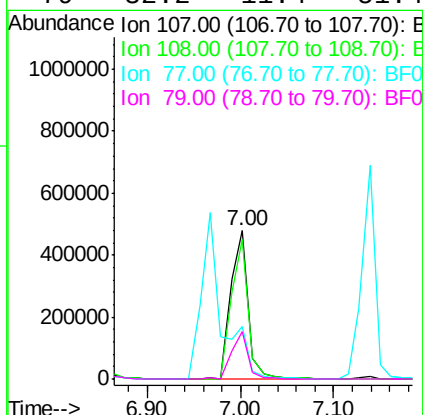
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

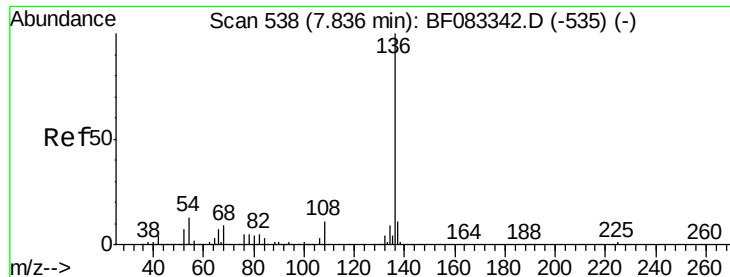
Tgt Ion:	70	Resp:	440894
Ion	Ratio	Lower	Upper
70	100		
42	68.7	48.8	73.2
101	8.3	7.1	10.7
130	16.0	15.0	22.6



#20
3+4-Methylphenols
Concen: 12.57 ng
RT: 7.00 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion:	107	Resp:	618703
Ion	Ratio	Lower	Upper
107	100		
108	94.2	73.0	113.0
77	35.1	16.8	56.8
79	32.2	11.4	51.4

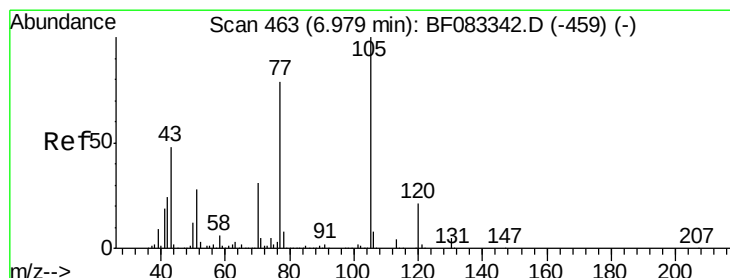
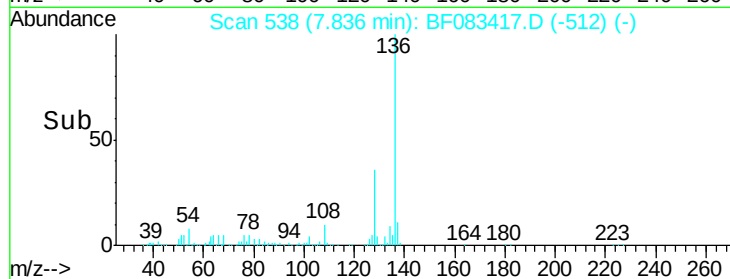
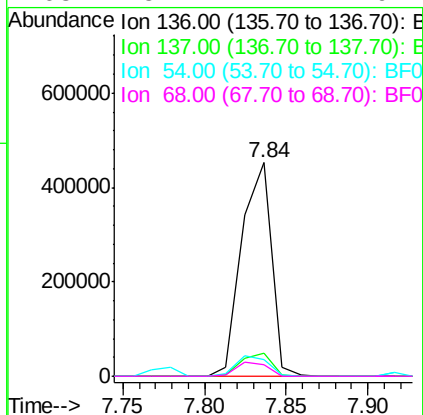
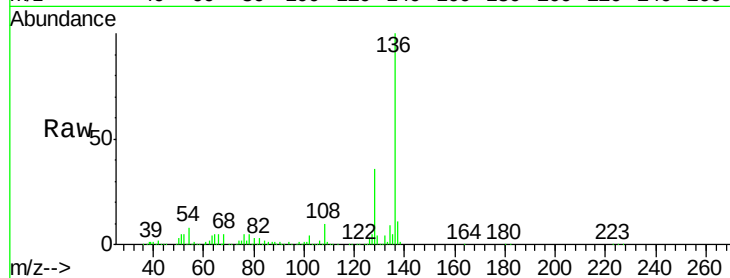




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

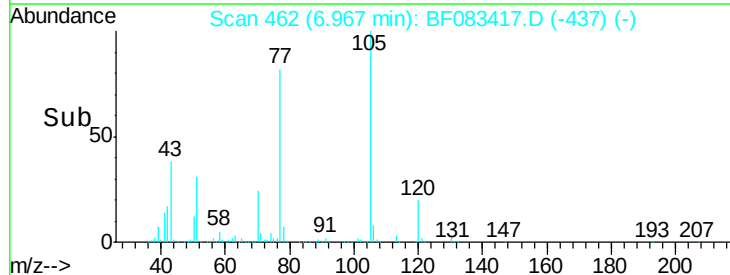
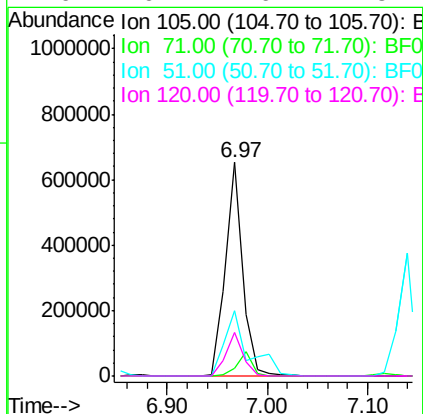
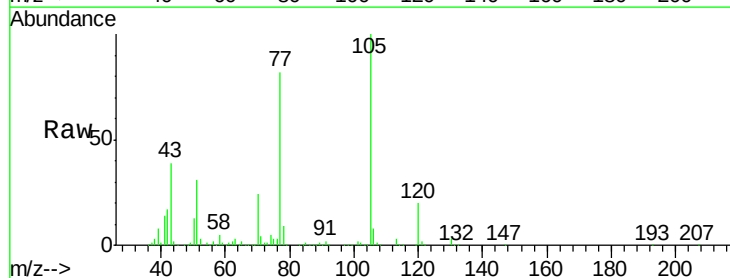
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

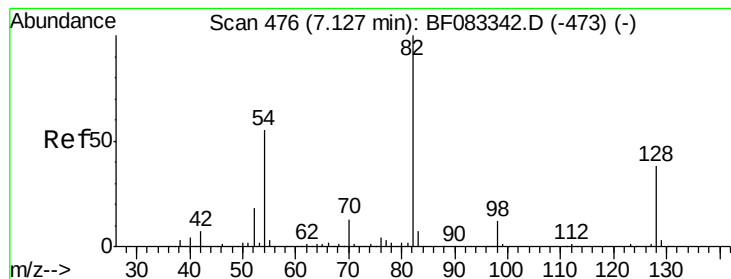
Tgt Ion:	136	Resp:	574821
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.4
54	7.8	10.1	15.1#
68	5.4	7.1	10.7#



#22
Acetophenone
Concen: 45.50 ng
RT: 6.97 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion:	105	Resp:	782518
Ion Ratio	Lower	Upper	
105	100		
71	3.9	4.3	6.5#
51	30.6	22.9	34.3
120	20.4	16.7	25.1





#23

Nitrobenzene-d5

Concen: 91.26 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

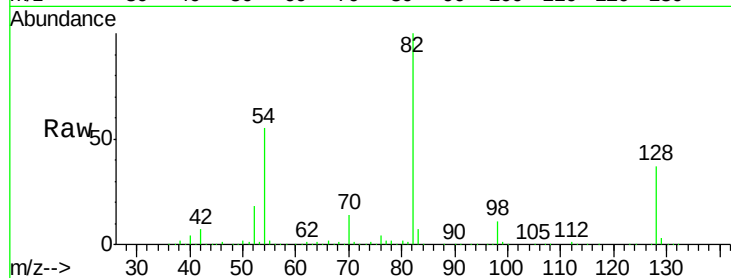
Tgt Ion: 82 Resp: 1193389

Ion Ratio Lower Upper

82 100

128 37.4 30.6 46.0

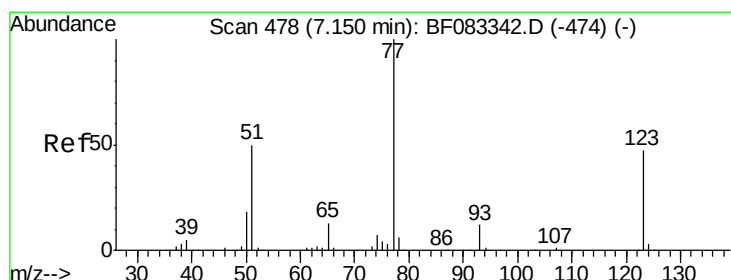
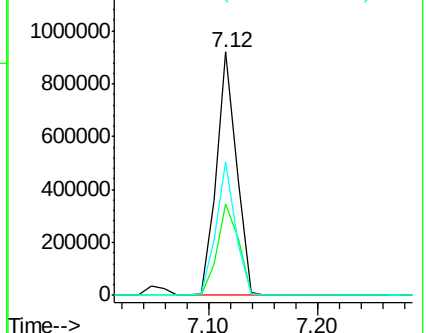
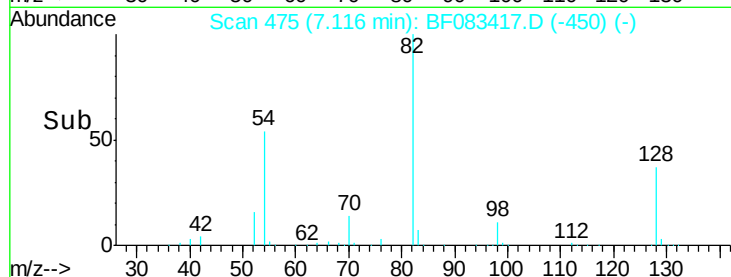
54 55.0 43.8 65.6



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: 48.22 ng

RT: 7.14 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

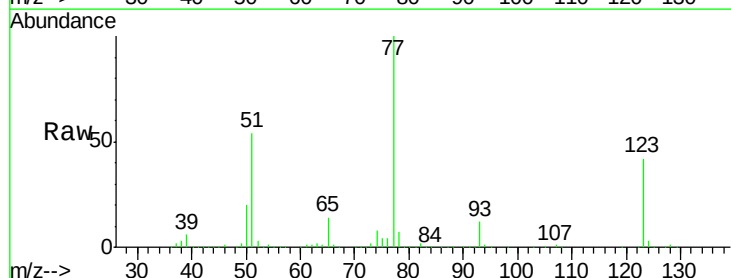
Tgt Ion: 77 Resp: 673343

Ion Ratio Lower Upper

77 100

123 42.4 37.4 56.0

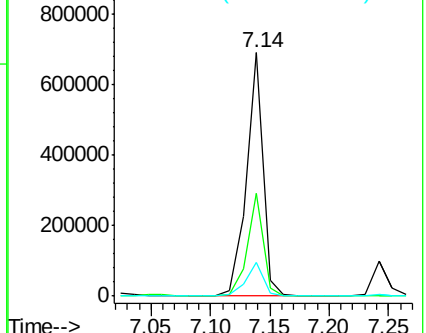
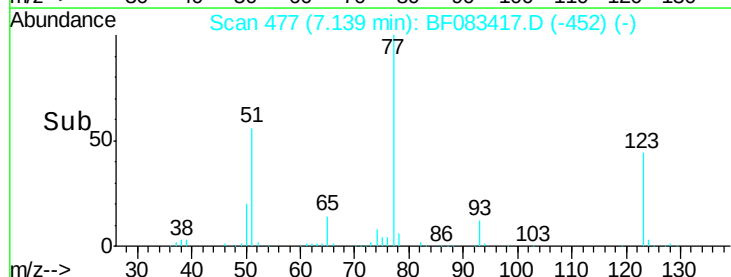
65 13.7 10.6 15.8

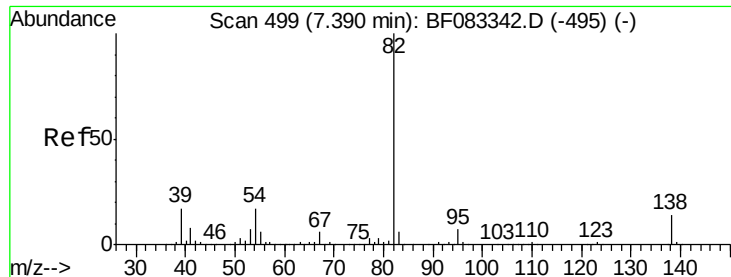


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.31 ng

RT: 7.38 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

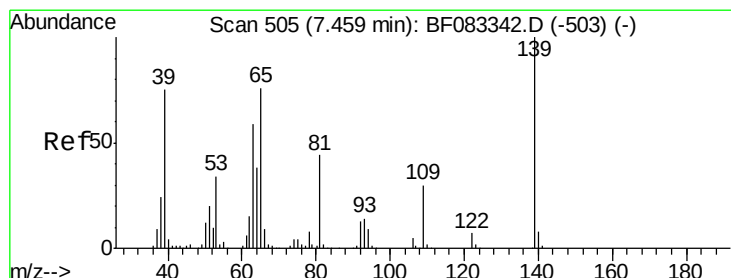
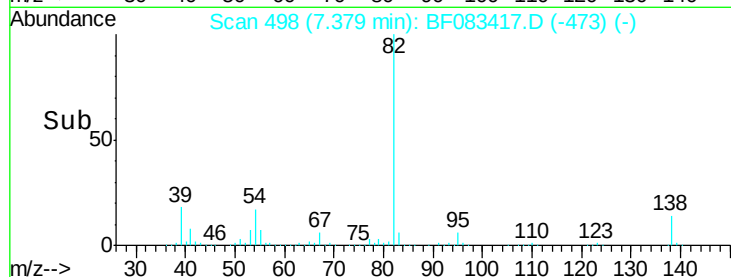
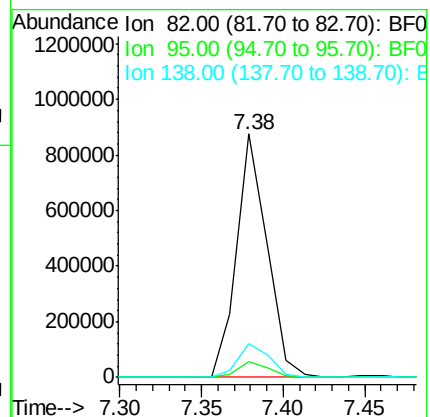
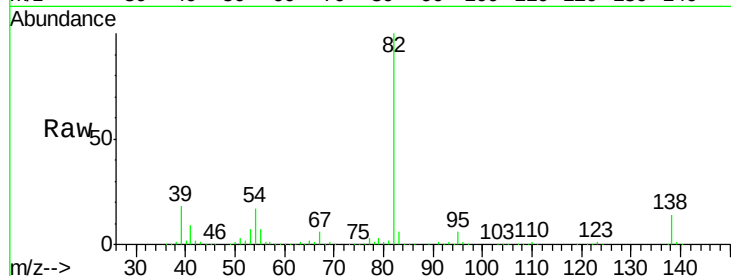
Tgt Ion: 82 Resp: 1122461

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 13.8 11.6 17.4



#26

2-Nitrophenol

Concen: 50.01 ng

RT: 7.46 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

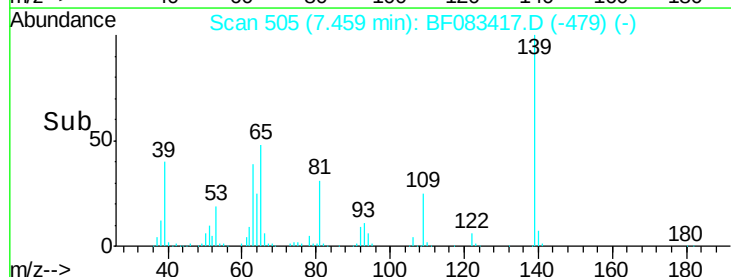
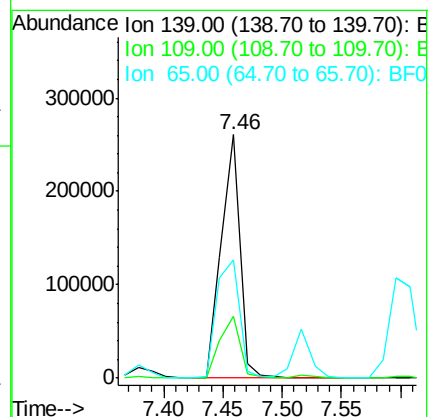
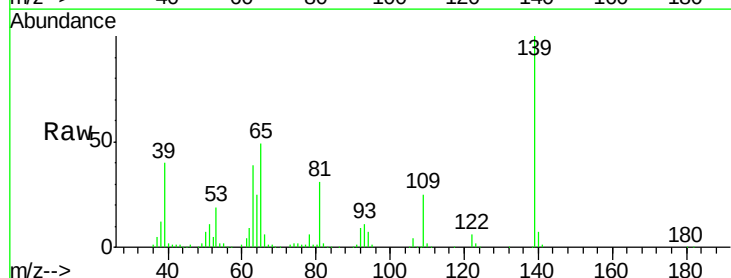
Tgt Ion: 139 Resp: 285060

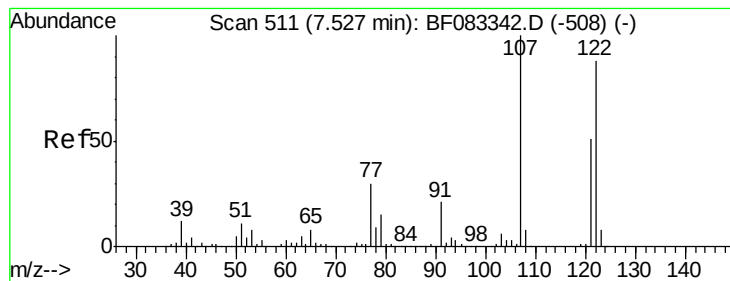
Ion Ratio Lower Upper

139 100

109 25.2 24.2 36.4

65 48.6 61.0 91.6#

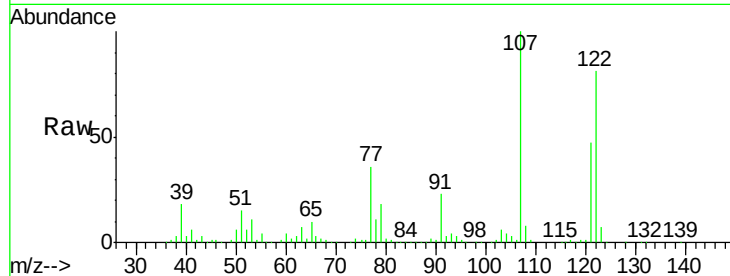




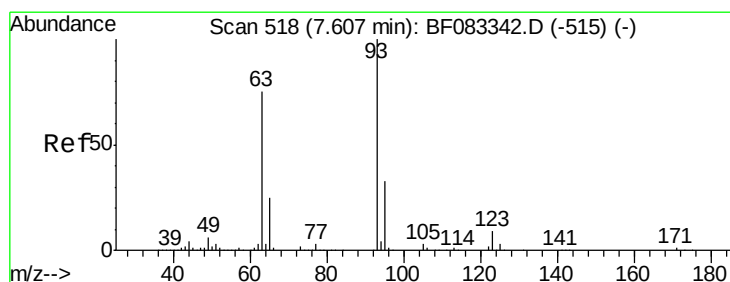
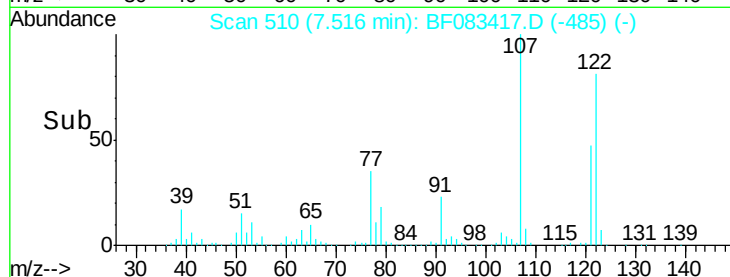
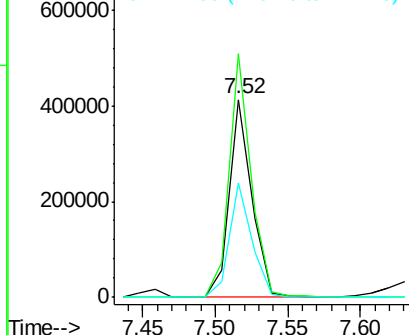
#27
 2,4-Dimethylphenol
 Concen: 46.66 ng
 RT: 7.52 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

Tgt Ion:122 Resp: 445835
 Ion Ratio Lower Upper
 122 100
 107 122.9 91.2 136.8
 121 57.5 46.4 69.6

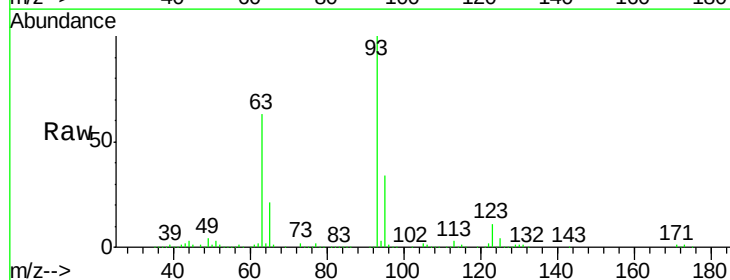


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

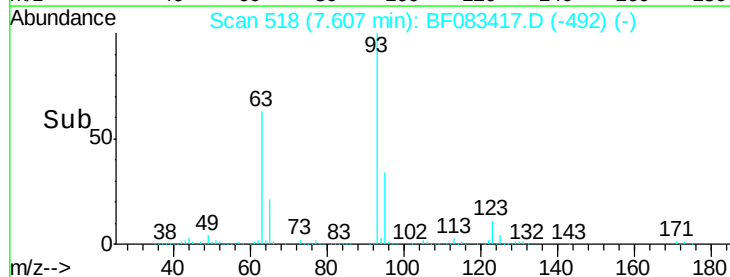
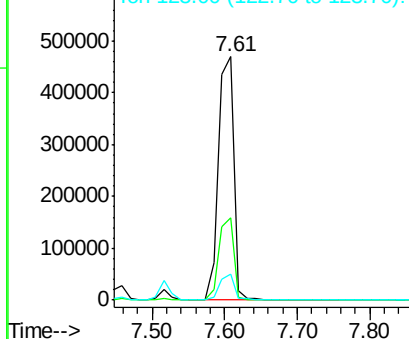


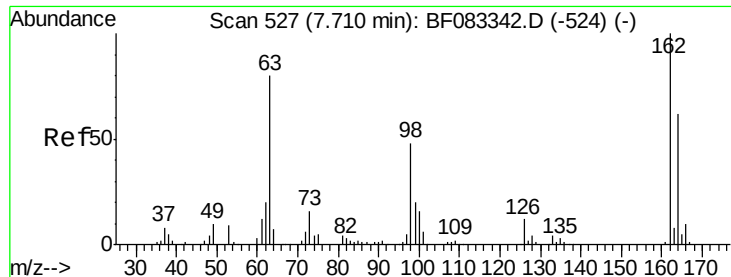
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.88 ng
 RT: 7.61 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Tgt Ion: 93 Resp: 690575
 Ion Ratio Lower Upper
 93 100
 95 33.7 26.1 39.1
 123 10.8 7.4 11.0



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

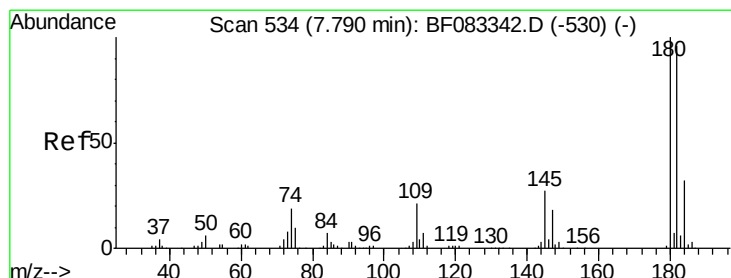
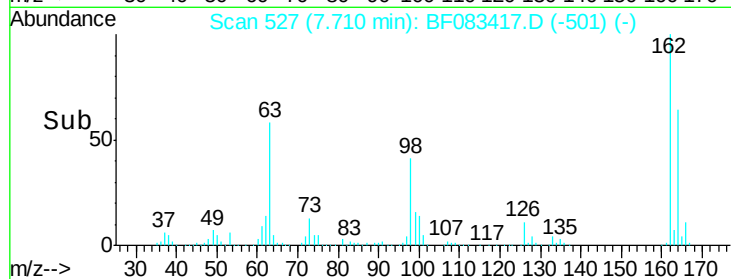
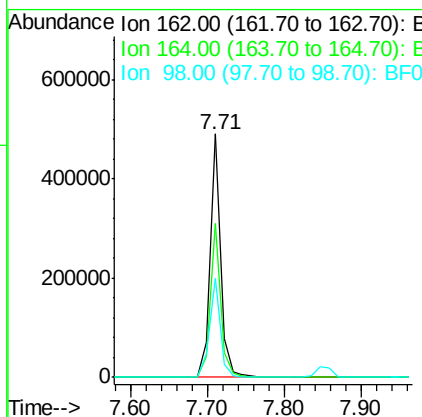
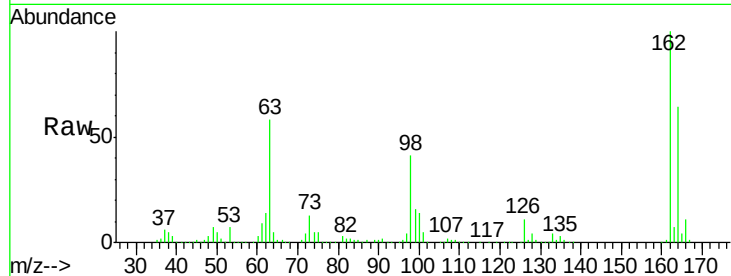




#29
 2,4-Dichlorophenol
 Concen: 49.62 ng
 RT: 7.71 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

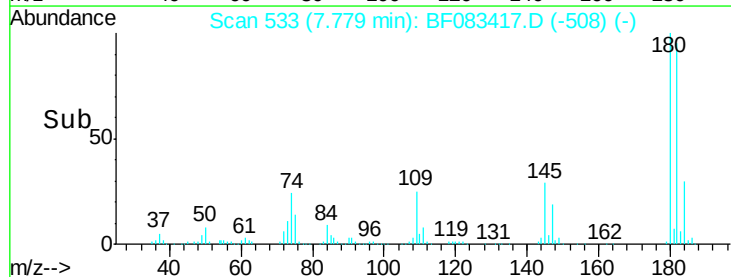
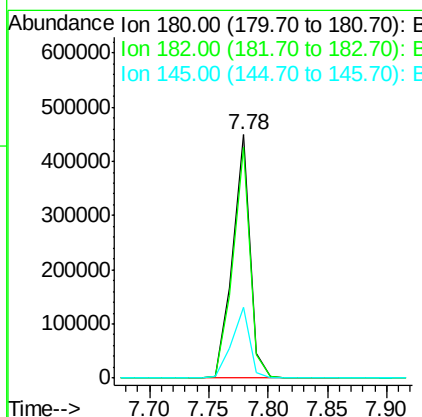
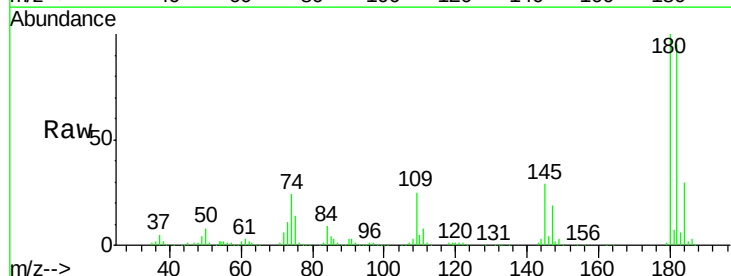
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

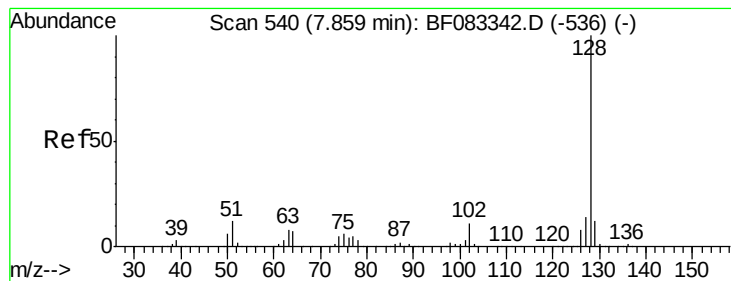
Tgt Ion:162 Resp: 456039
 Ion Ratio Lower Upper
 162 100
 164 63.5 41.9 81.9
 98 40.8 28.1 68.1



#30
 1,2,4-Trichlorobenzene
 Concen: 45.84 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Tgt Ion:180 Resp: 458568
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.2 115.8
 145 29.1 21.4 32.2





#31

Naphthalene

Concen: 62.36 ng

RT: 7.86 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

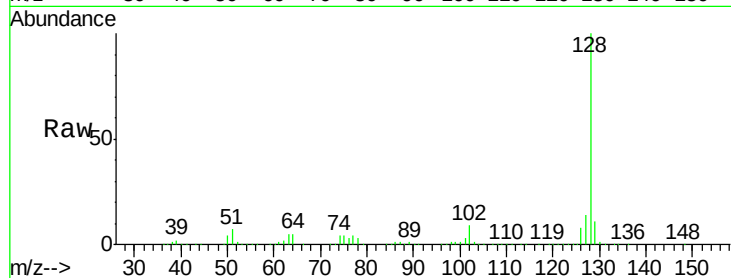
Tgt Ion:128 Resp: 1945030

Ion Ratio Lower Upper

128 100

129 11.4 9.7 14.5

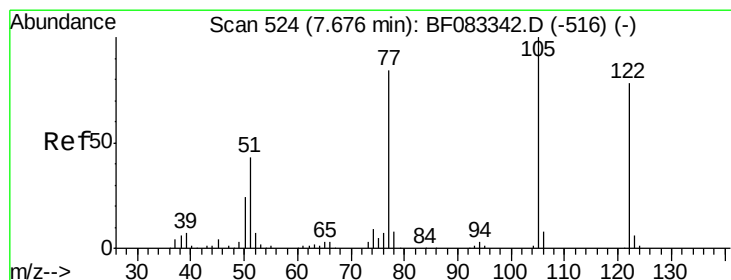
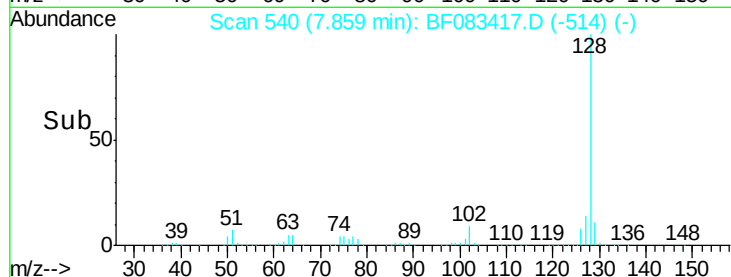
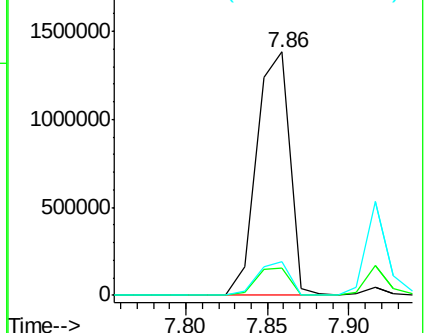
127 13.6 11.0 16.4



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: 9.16 ng

RT: 7.63 min Scan# 520

Delta R.T. -0.05 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

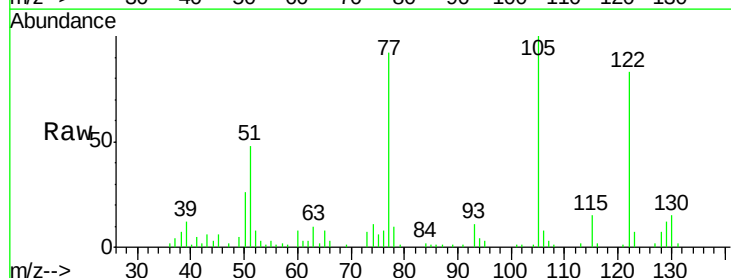
Tgt Ion:122 Resp: 60395

Ion Ratio Lower Upper

122 100

105 120.5 106.0 146.0

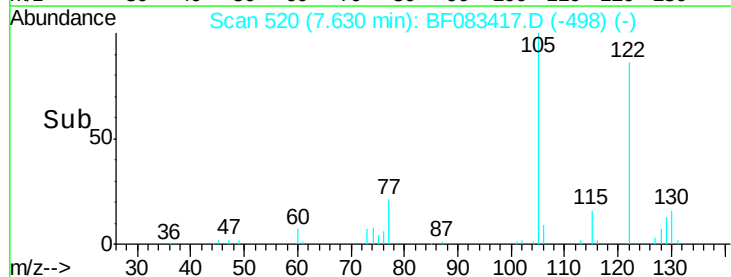
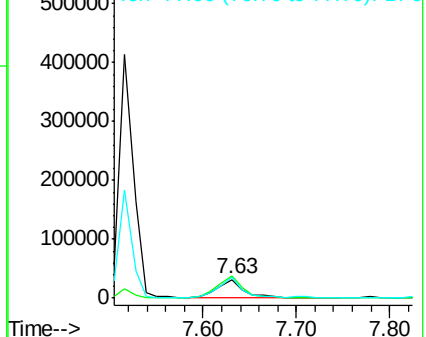
77 111.0 86.3 126.3

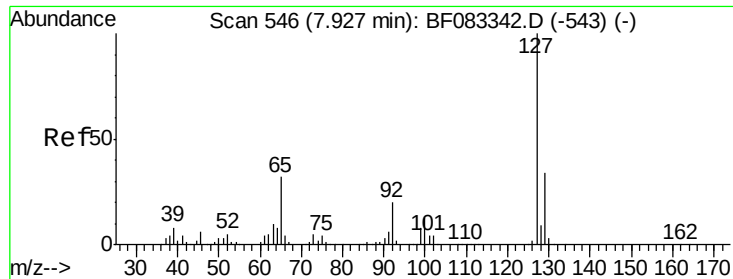


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

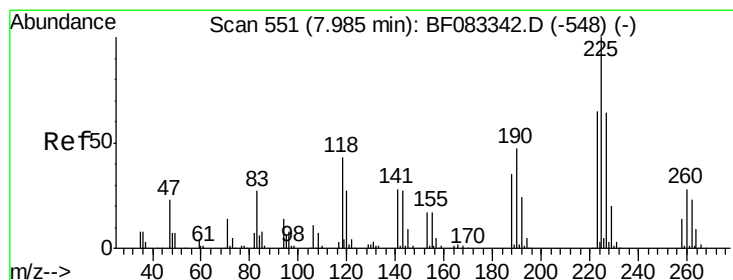
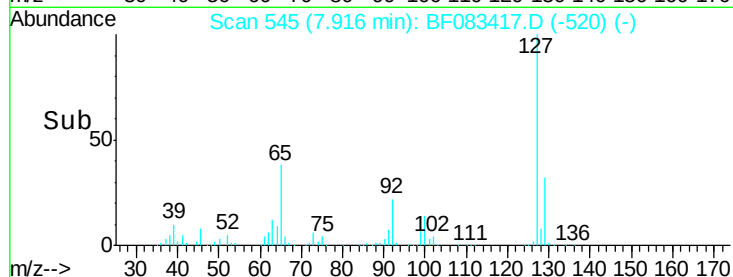
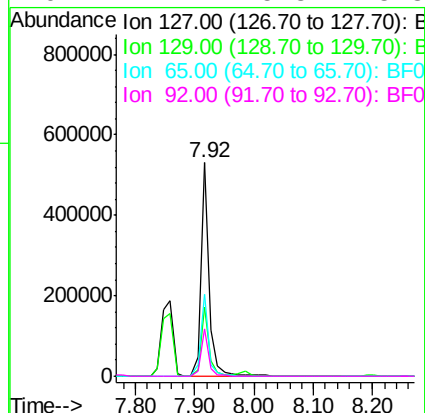
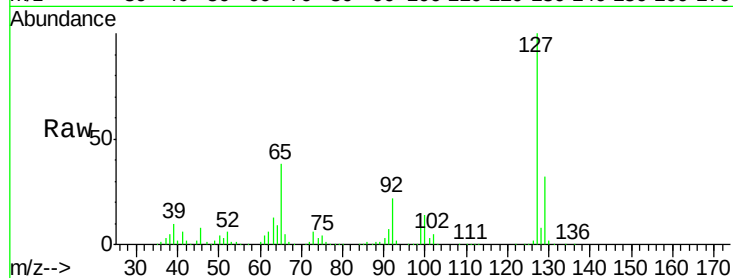




#33
4-Chloroaniline
Concen: 38.37 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

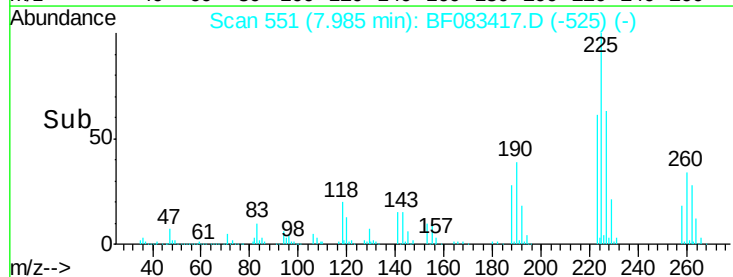
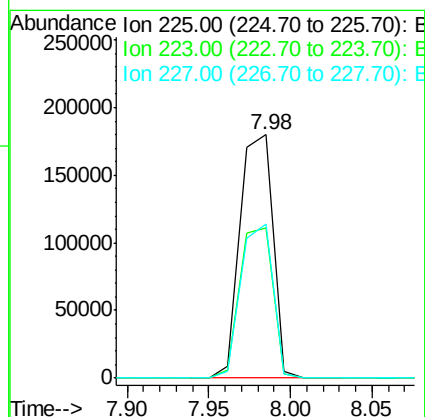
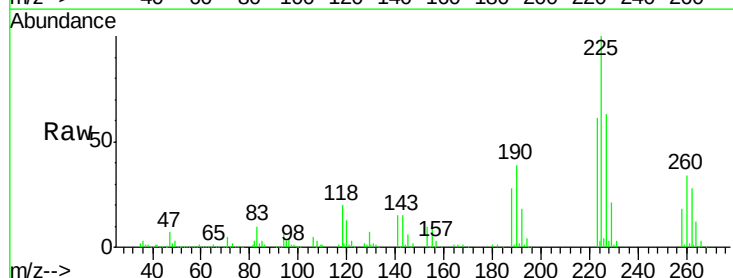
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

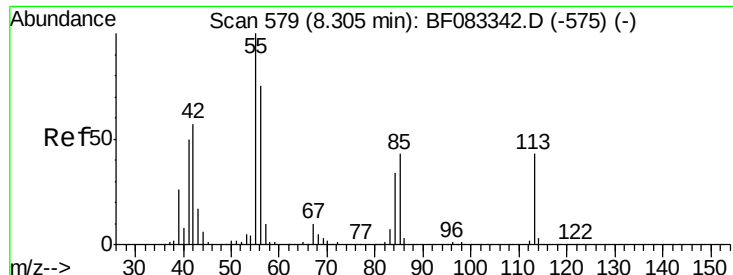
Tgt Ion:	127	Resp:	515940
Ion	Ratio	Lower	Upper
127	100		
129	32.5	27.0	40.4
65	38.3	25.9	38.9
92	22.1	15.8	23.8



#34
Hexachlorobutadiene
Concen: 44.15 ng
RT: 7.98 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion:	225	Resp:	250725
Ion	Ratio	Lower	Upper
225	100		
223	61.5	52.0	78.0
227	63.4	51.1	76.7

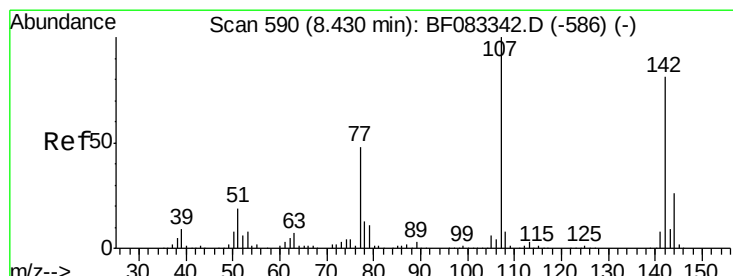
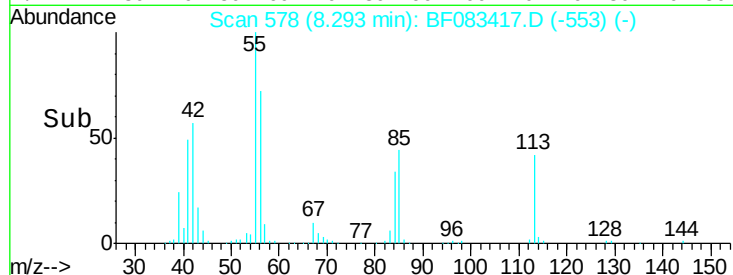
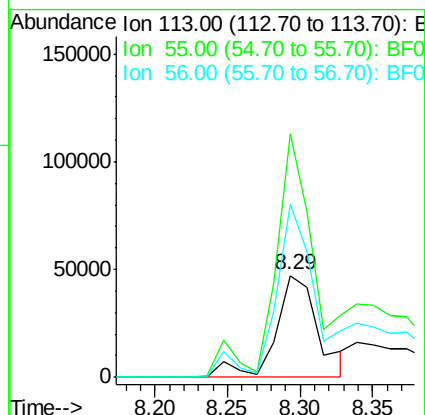
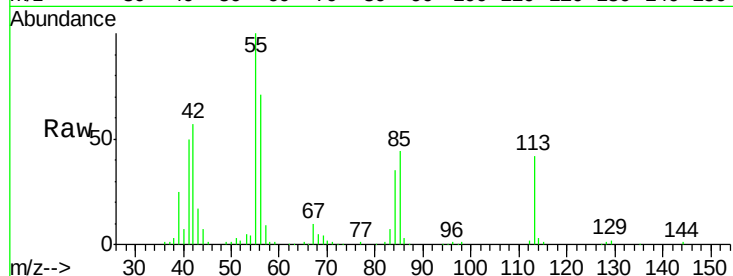




#35
 Caprolactam
 Concen: 32.68 ng
 RT: 8.29 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

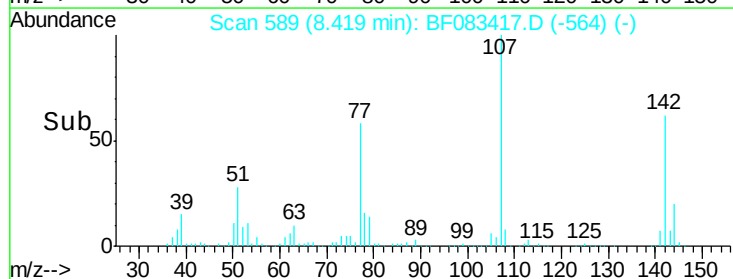
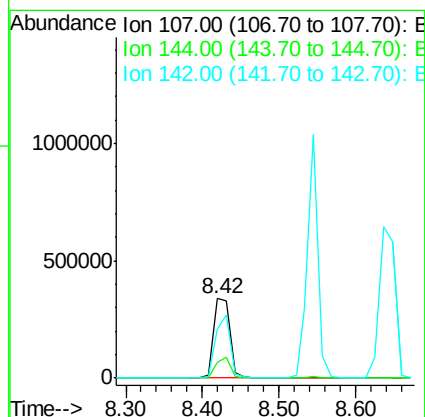
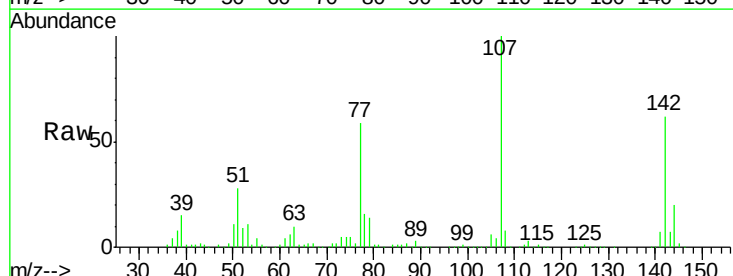
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

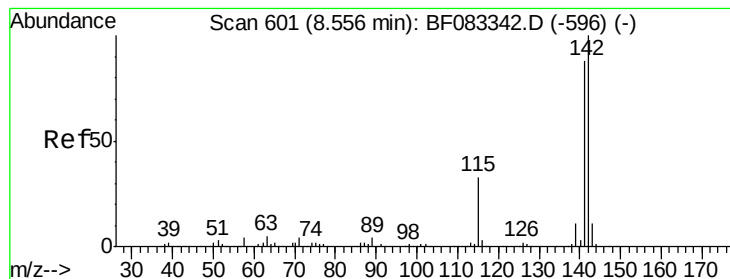
Tgt Ion:113 Resp: 94907
 Ion Ratio Lower Upper
 113 100
 55 239.1 211.6 251.6
 56 170.7 153.0 193.0



#36
 4-Chloro-3-methylphenol
 Concen: 47.69 ng
 RT: 8.42 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Tgt Ion:107 Resp: 491624
 Ion Ratio Lower Upper
 107 100
 144 20.1 21.1 31.7#
 142 62.2 65.1 97.7#





#37

2-Methylnaphthalene

Concen: 47.36 ng

RT: 8.54 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

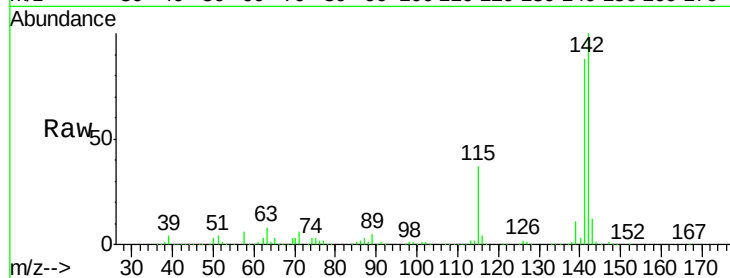
Tgt Ion:142 Resp: 987128

Ion Ratio Lower Upper

142 100

141 87.9 70.6 105.8

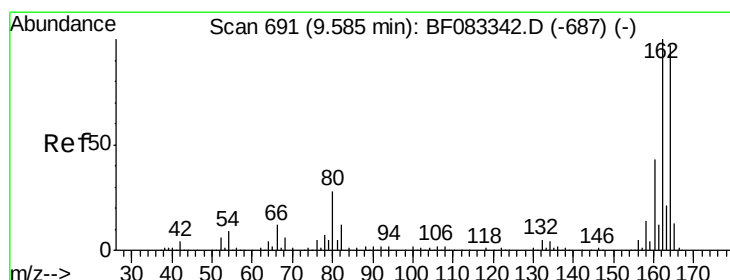
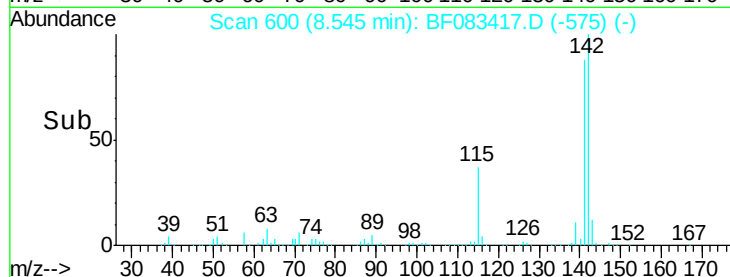
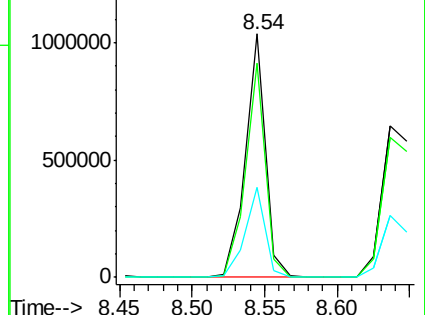
115 37.0 26.2 39.2



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: 9.57 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

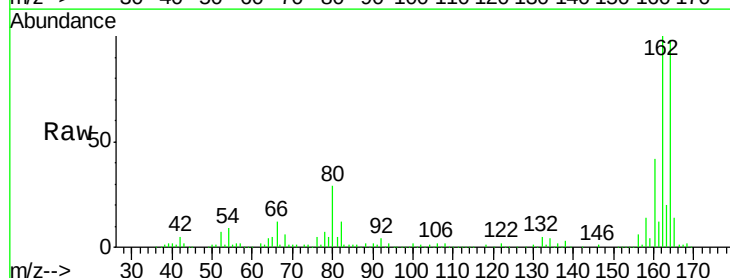
Tgt Ion:164 Resp: 277555

Ion Ratio Lower Upper

164 100

162 101.6 82.6 123.8

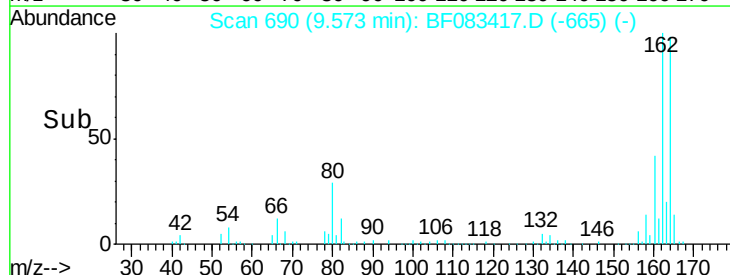
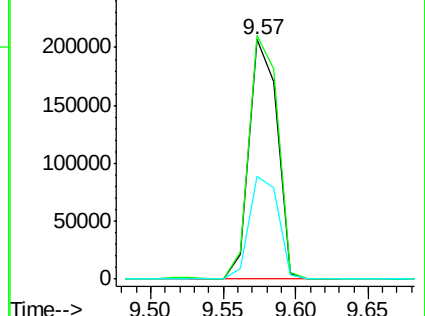
160 43.0 35.3 52.9

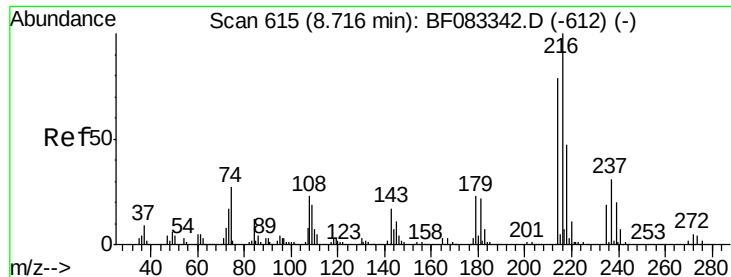


Abundance Ion 164.00 (163.70 to 164.70): E

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: 47.63 ng

RT: 8.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

Tgt Ion:216 Resp: 419070

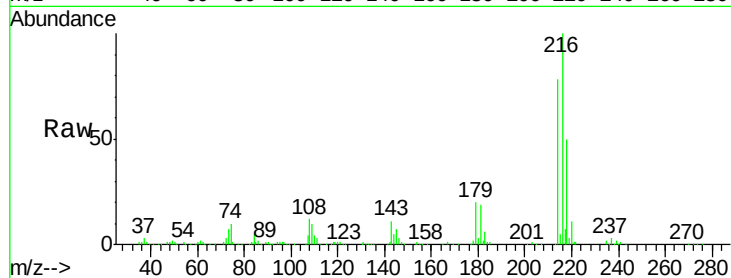
Ion Ratio Lower Upper

216 100

214 79.1 62.3 93.5

179 21.3 17.0 25.4

108 20.6 16.7 25.1

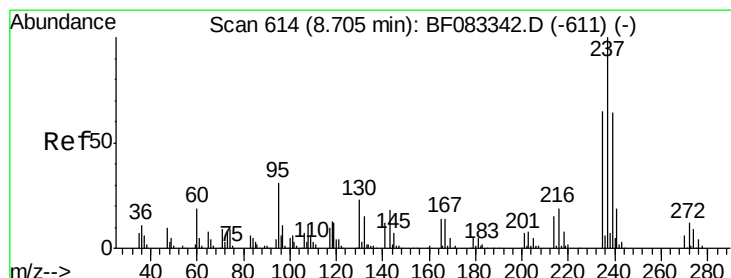
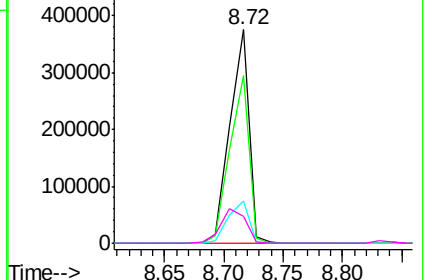
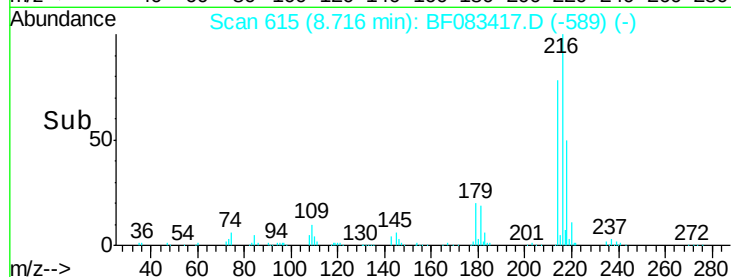


Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.32 ng

RT: 8.70 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

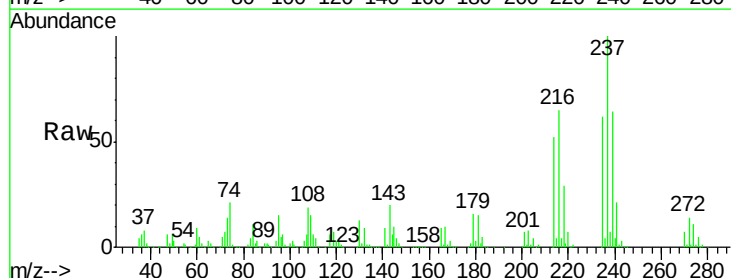
Tgt Ion:237 Resp: 356603

Ion Ratio Lower Upper

237 100

235 62.3 44.5 84.5

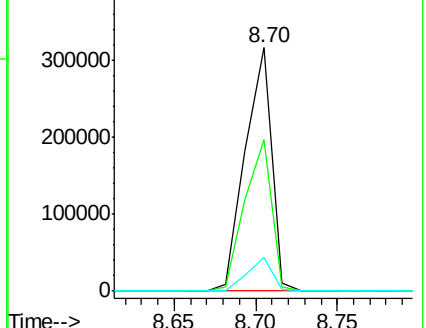
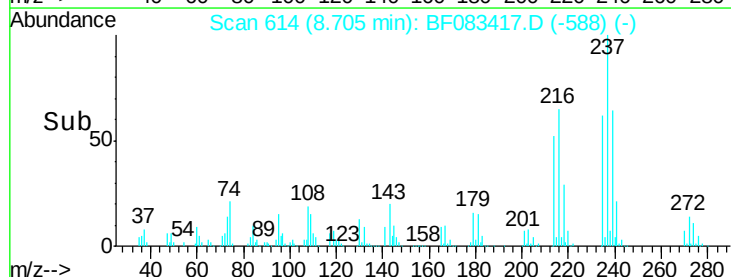
272 13.8 0.0 31.6

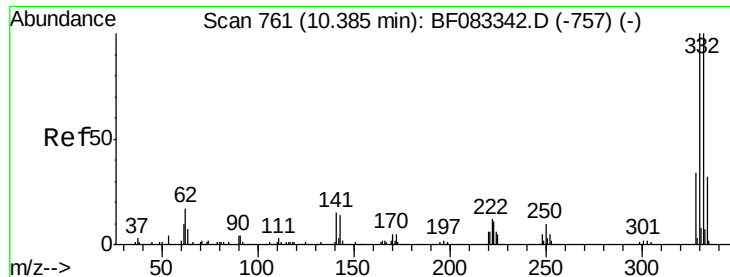


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

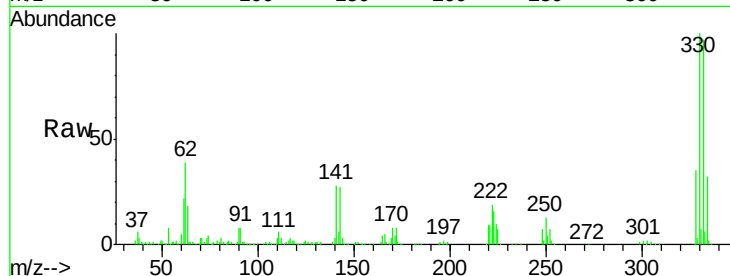




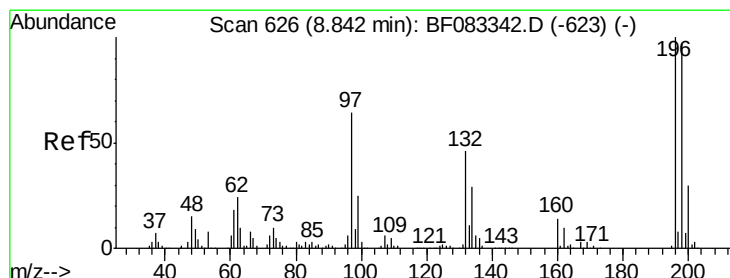
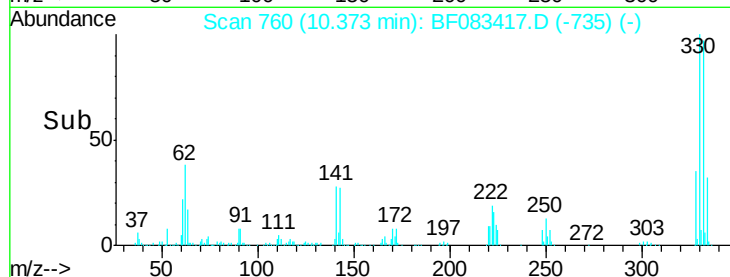
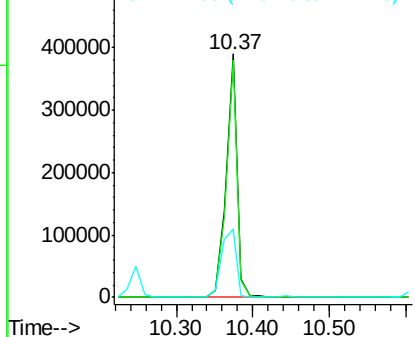
#41
 2,4,6-Tribromophenol
 Concen: 142.18 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.8	116.6
141	37.9	29.4	44.0

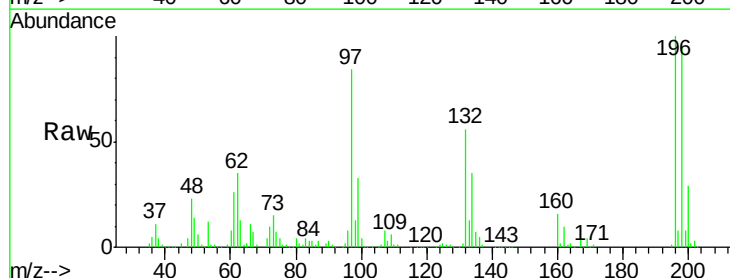


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

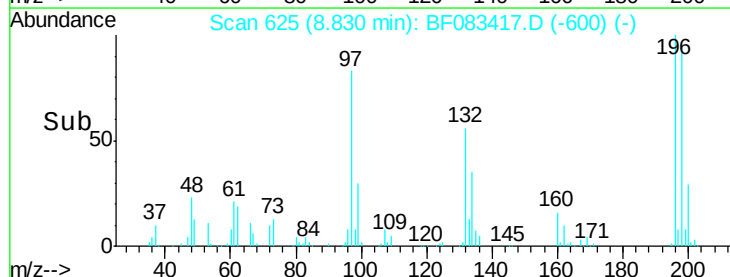
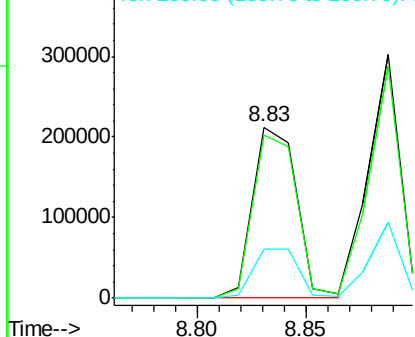


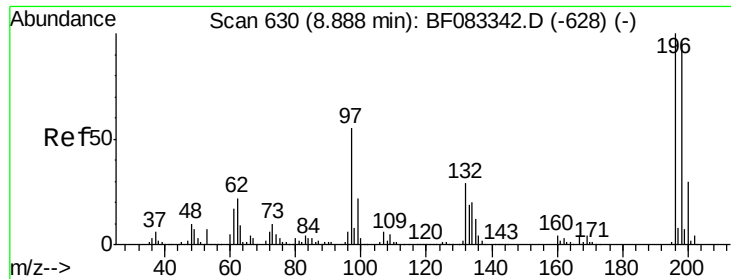
#42
 2,4,6-Trichlorophenol
 Concen: 48.31 ng
 RT: 8.83 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.2	115.8
200	28.7	24.2	36.4



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

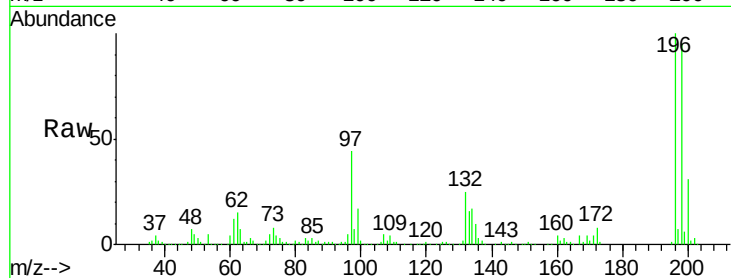




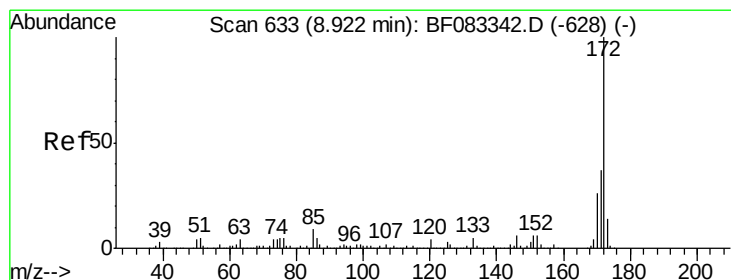
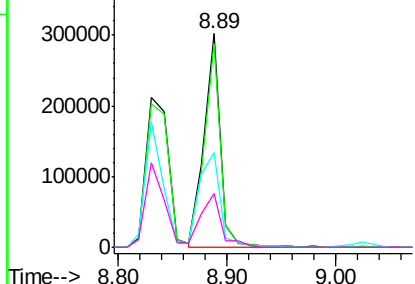
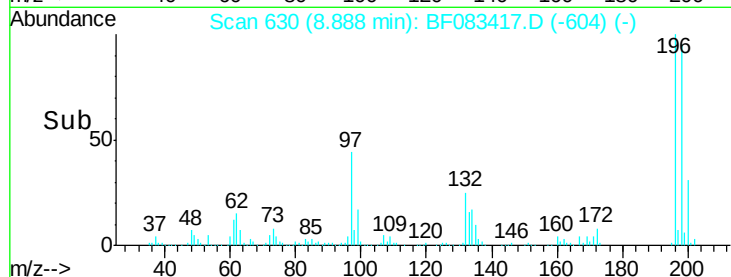
#43
 2,4,5-Trichlorophenol
 Concen: 49.57 ng
 RT: 8.89 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

Tgt Ion:196 Resp: 316967
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.2 115.8
 97 44.1 44.4 66.6#
 132 25.2 23.2 34.8

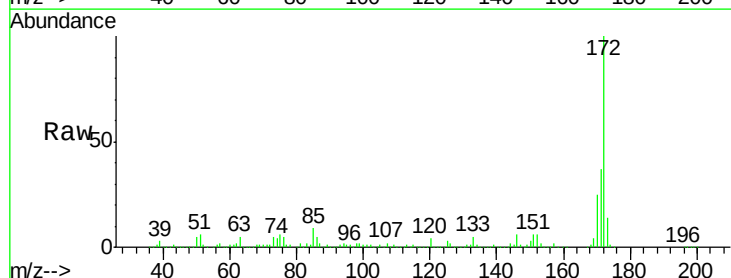


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

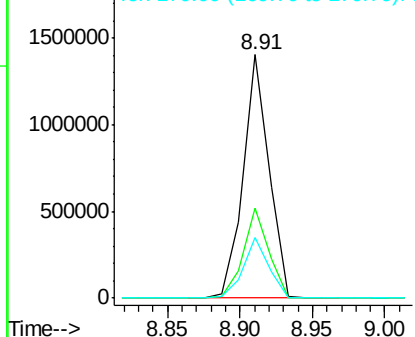
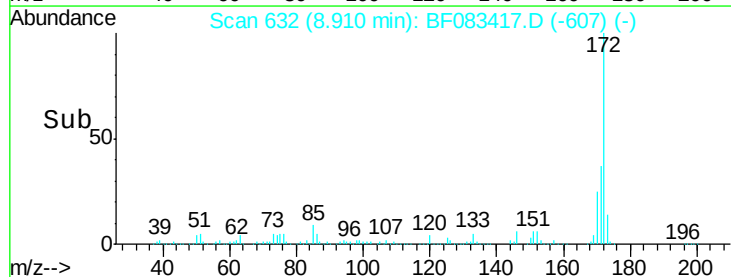


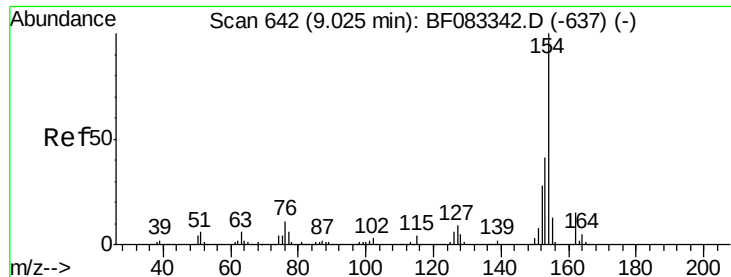
#44
 2-Fluorobiphenyl
 Concen: 88.87 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Tgt Ion:172 Resp: 1730856
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 24.8 20.4 30.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

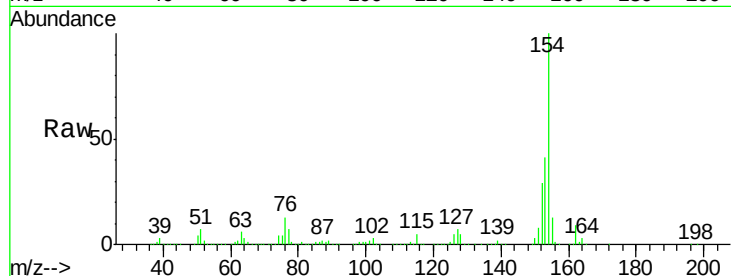




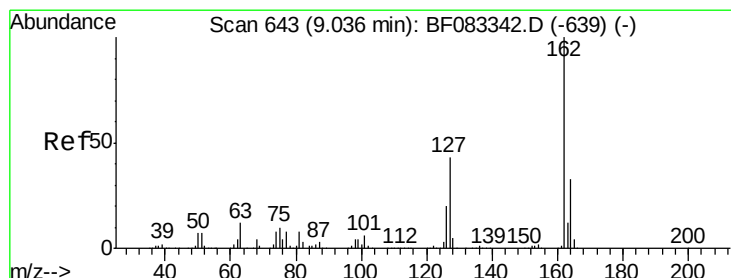
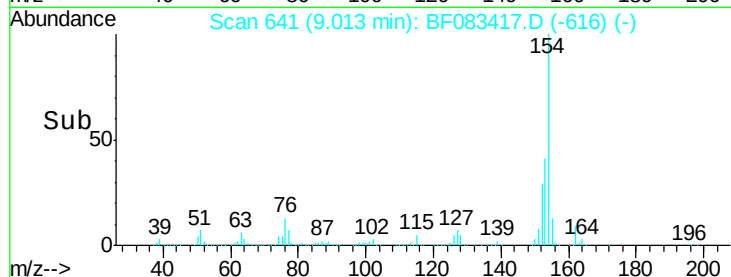
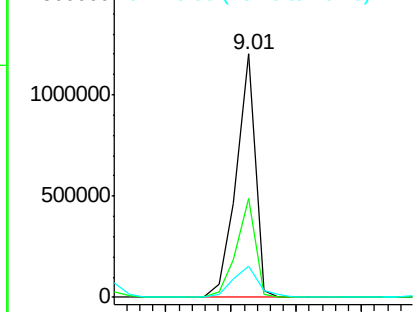
#45
 1,1'-Biphenyl
 Concen: 49.96 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

Tgt Ion:154 Resp: 1216048
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.6 60.6
 76 12.6 0.0 30.5

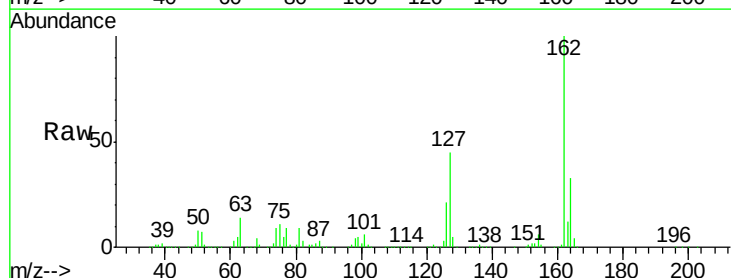


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

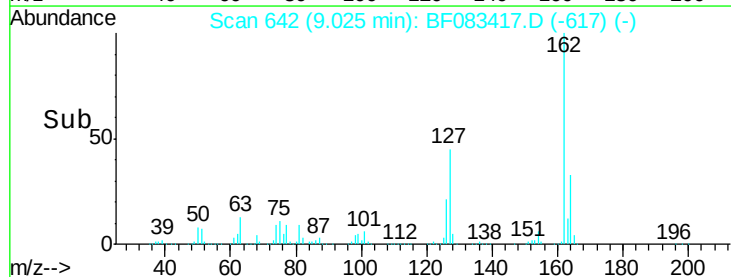
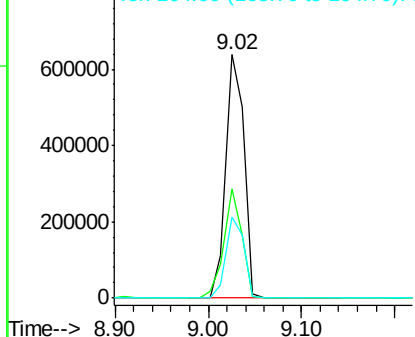


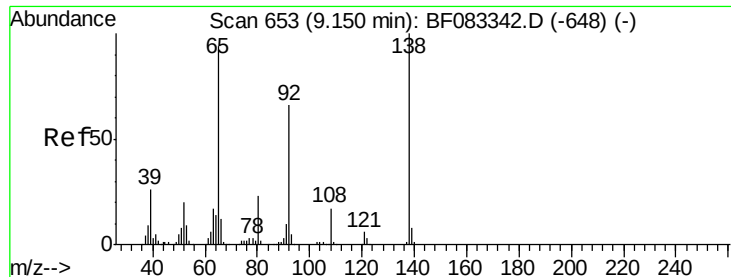
#46
 2-Chloronaphthalene
 Concen: 46.99 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Tgt Ion:162 Resp: 871520
 Ion Ratio Lower Upper
 162 100
 127 44.6 34.1 51.1
 164 33.1 26.6 39.8



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





#47

2-Nitroaniline

Concen: 49.05 ng

RT: 9.14 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

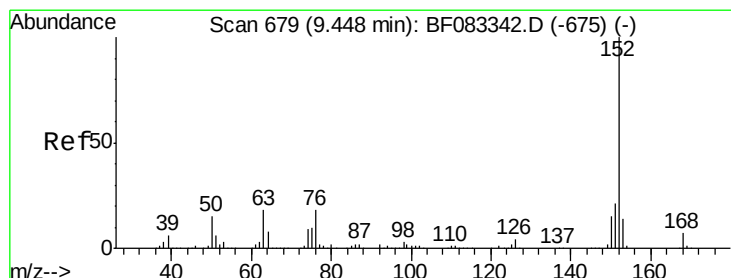
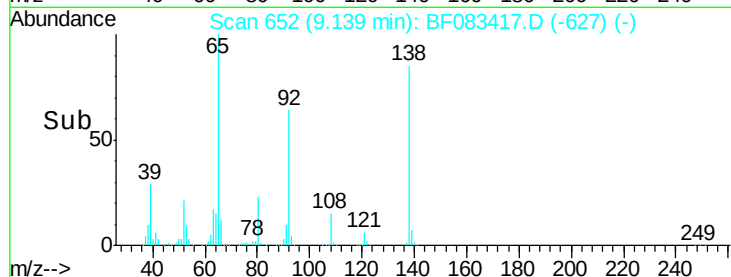
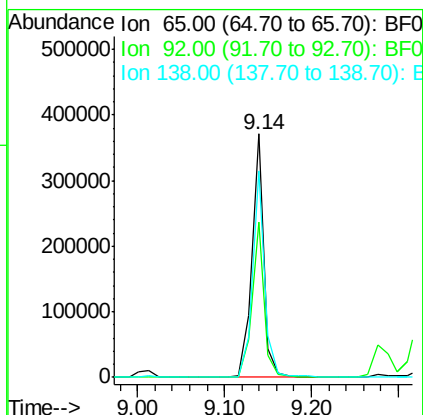
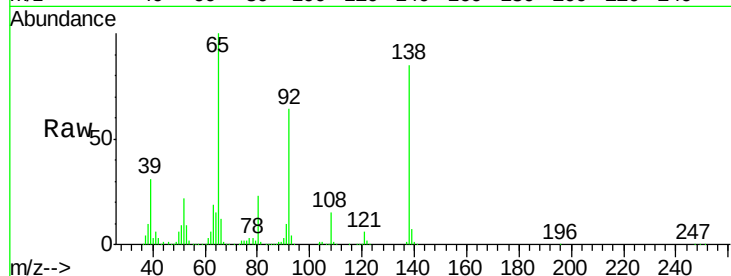
Tgt Ion: 65 Resp: 360340

Ion Ratio Lower Upper

65 100

92 63.9 56.2 84.4

138 85.0 85.4 128.0#



#48

Acenaphthylene

Concen: 45.91 ng

RT: 9.44 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

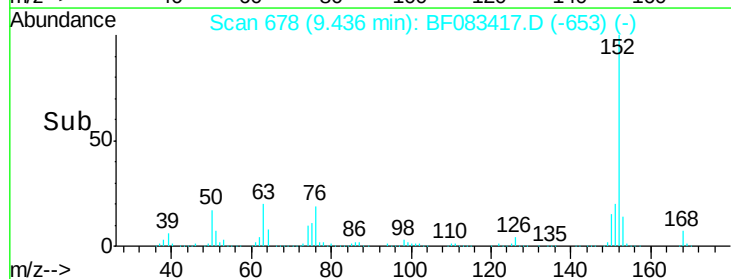
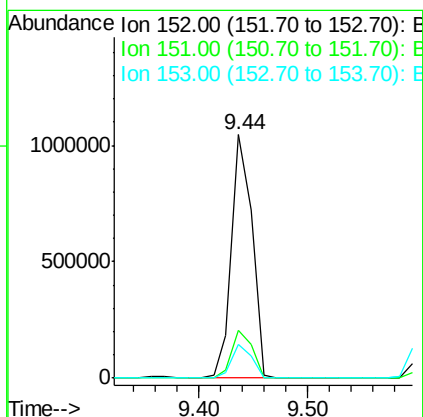
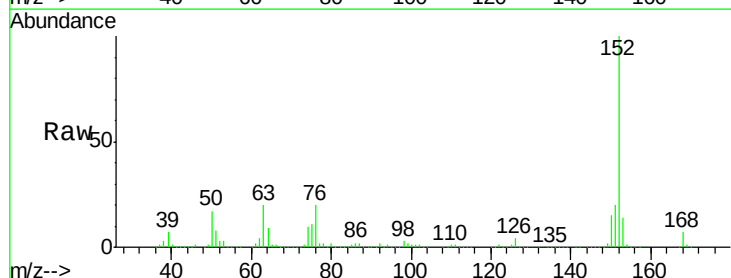
Tgt Ion: 152 Resp: 1358303

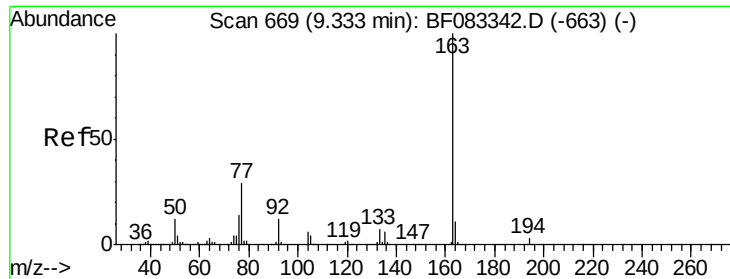
Ion Ratio Lower Upper

152 100

151 19.9 16.7 25.1

153 13.7 11.2 16.8

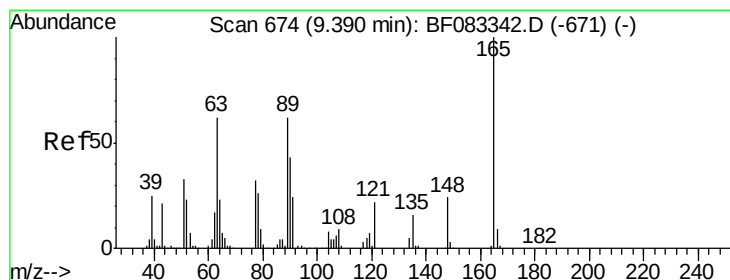
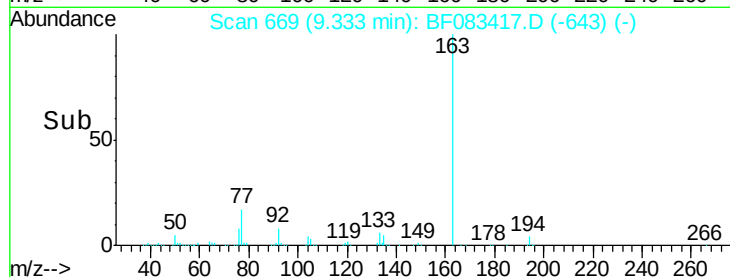
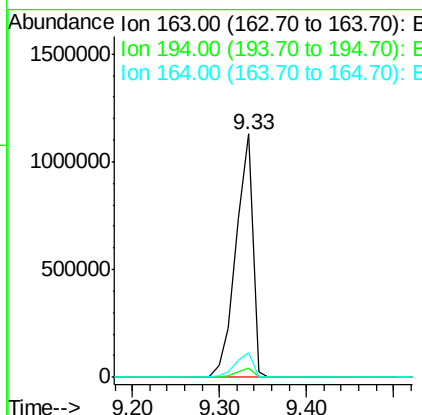
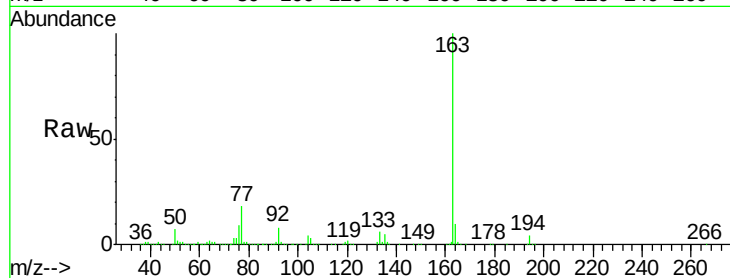




#49
Dimethylphthalate
Concen: 66.37 ng
RT: 9.33 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

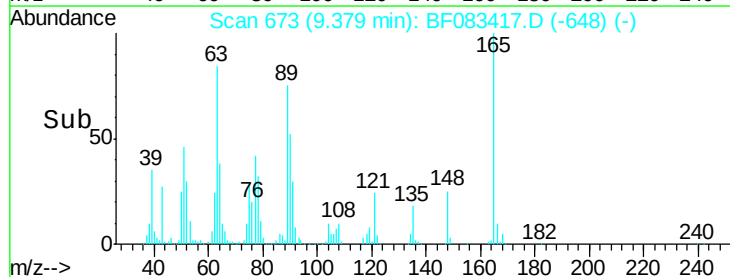
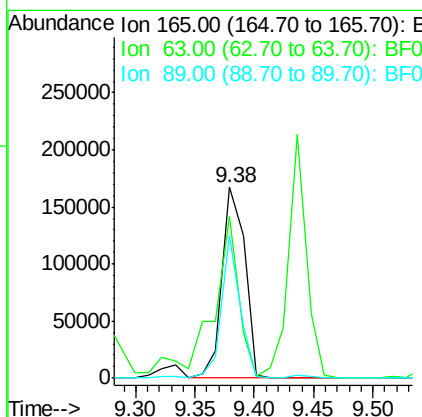
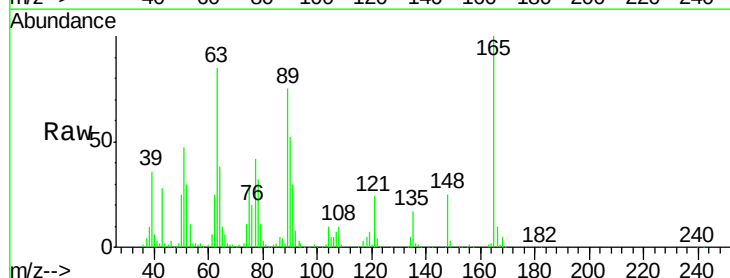
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

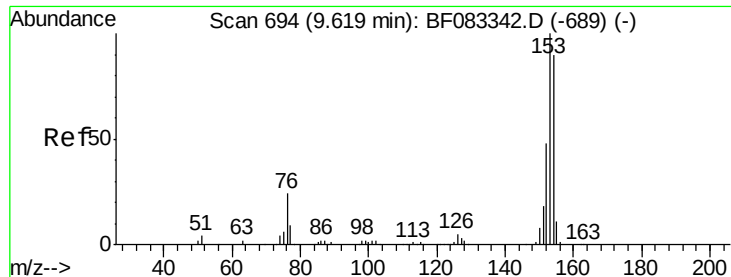
Tgt Ion:163 Resp: 1497033
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.4 8.8 13.2



#50
2,6-Dinitrotoluene
Concen: 46.22 ng
RT: 9.38 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion:165 Resp: 222632
Ion Ratio Lower Upper
165 100
63 84.7 56.0 84.0#
89 75.0 49.8 74.8#





#51

Acenaphthene

Concen: 51.44 ng

RT: 9.61 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

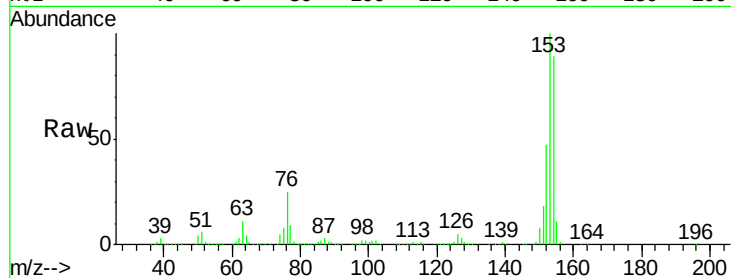
Tgt Ion:154 Resp: 895155

Ion Ratio Lower Upper

154 100

153 112.8 89.3 133.9

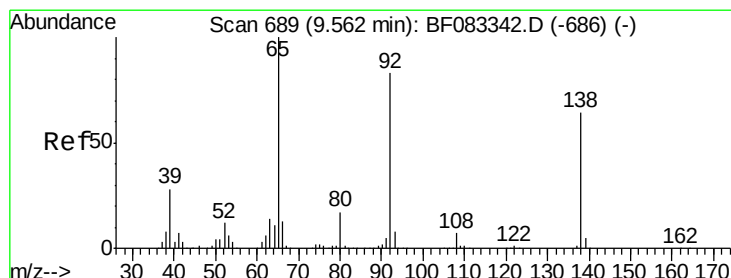
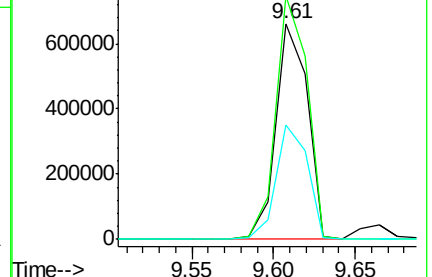
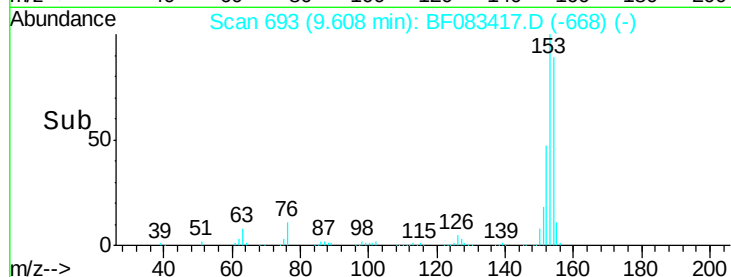
152 53.2 42.5 63.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.14 ng

RT: 9.55 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

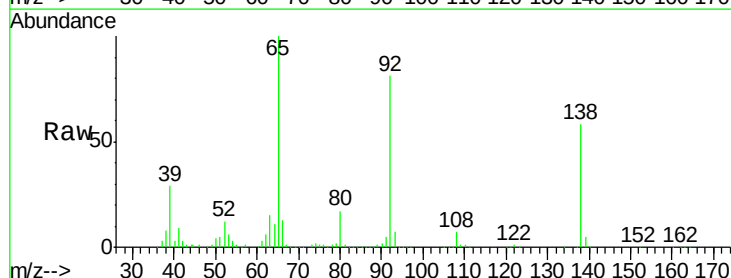
Tgt Ion:138 Resp: 209716

Ion Ratio Lower Upper

138 100

108 11.3 8.4 12.6

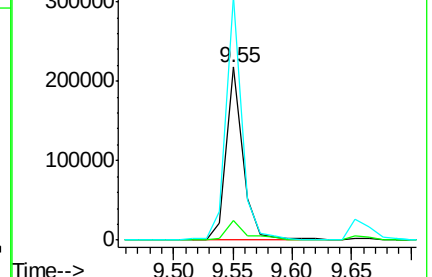
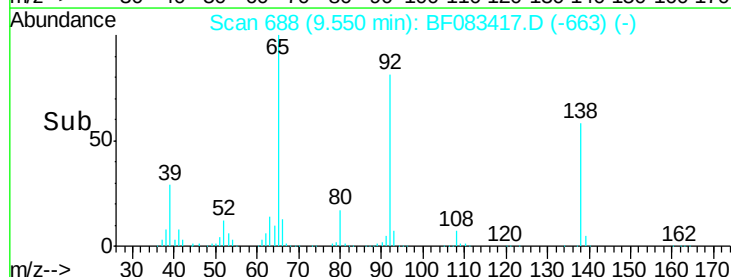
92 140.8 104.2 156.4

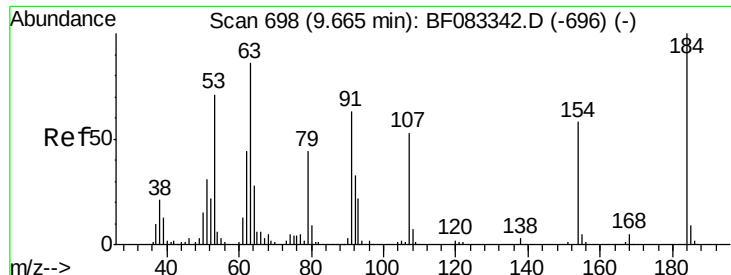


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

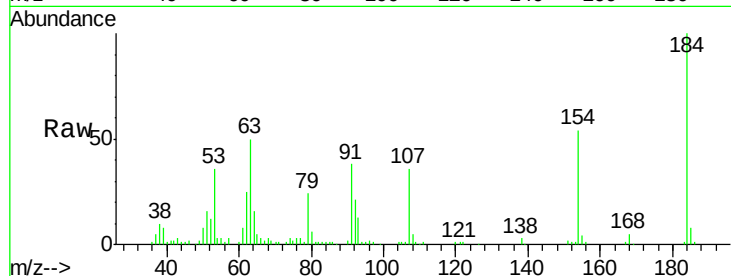




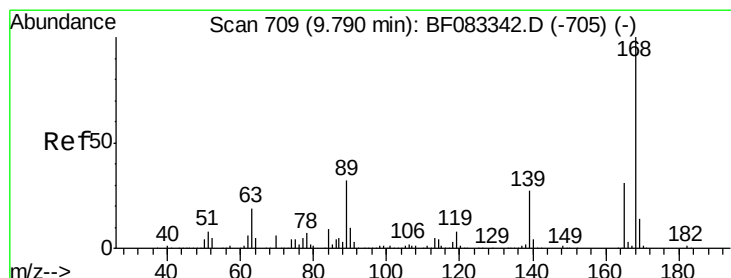
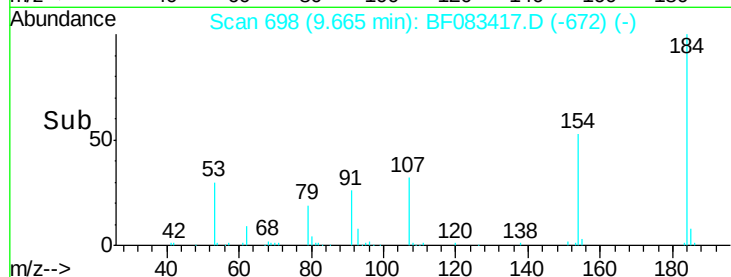
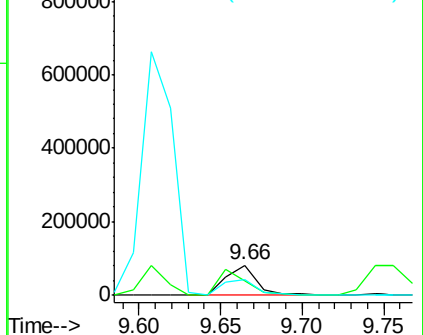
#53
2,4-Dinitrophenol
Concen: 41.45 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

Tgt Ion:184 Resp: 109123
Ion Ratio Lower Upper
184 100
63 49.6 69.0 103.6#
154 53.5 50.0 75.0

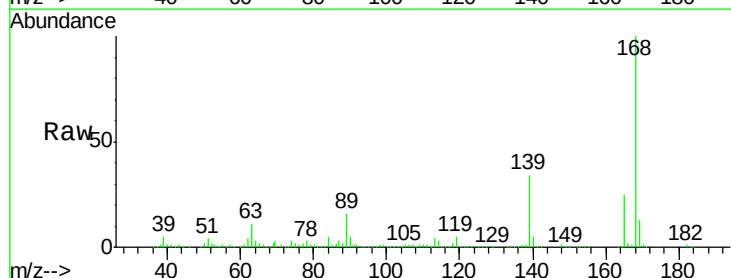


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

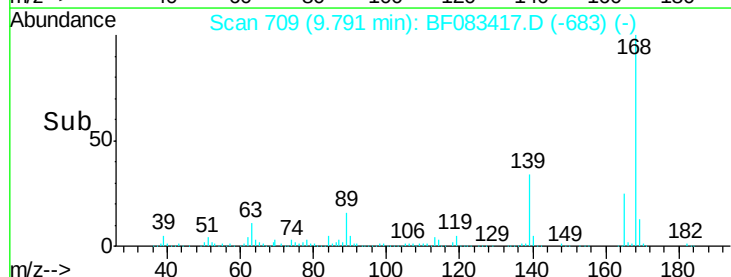
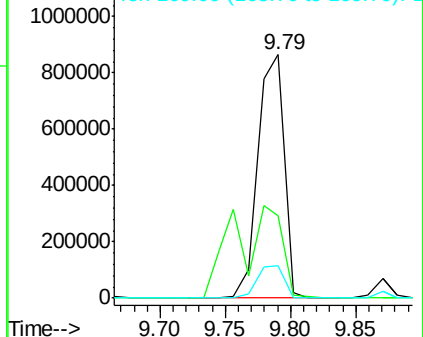


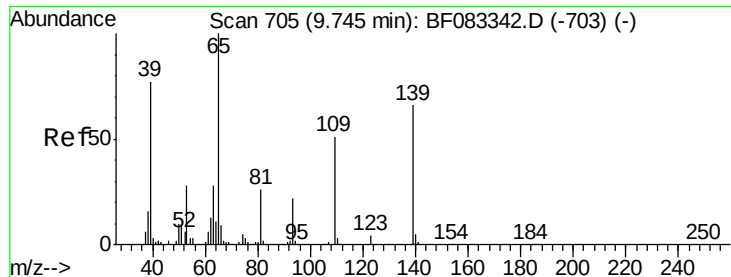
#54
Dibenzofuran
Concen: 47.68 ng
RT: 9.79 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion:168 Resp: 1215932
Ion Ratio Lower Upper
168 100
139 33.6 32.7 49.1
169 13.3 11.1 16.7



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





#55

4-Nitrophenol

Concen: 109.94 ng

RT: 9.76 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

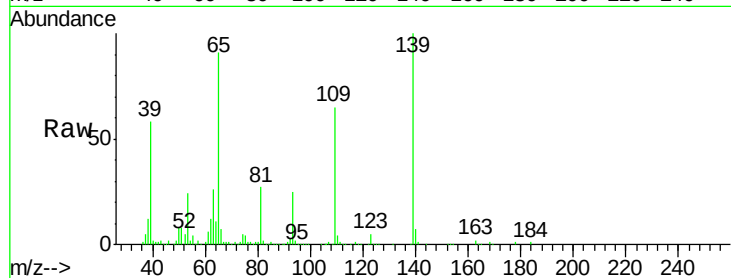
Tgt Ion:139 Resp: 388266

Ion Ratio Lower Upper

139 100

109 65.0 57.4 97.4

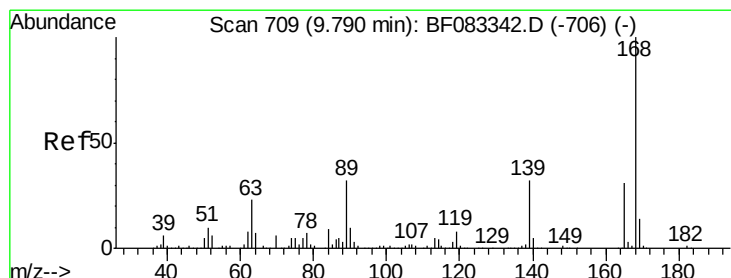
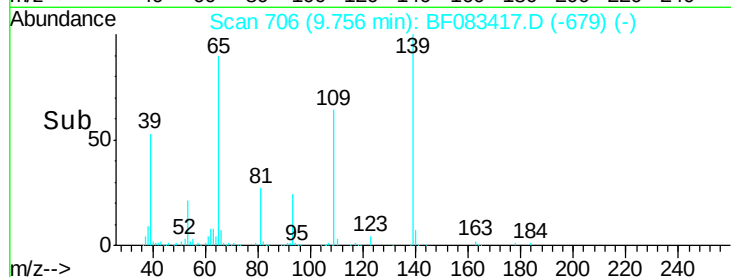
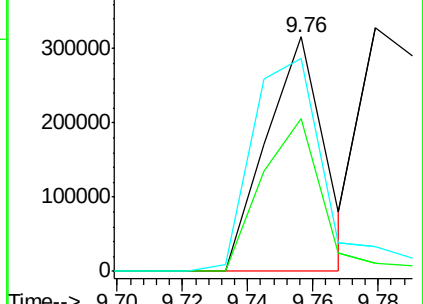
65 90.9 131.6 171.6#



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: 49.34 ng

RT: 9.79 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Tgt Ion:165 Resp: 301602

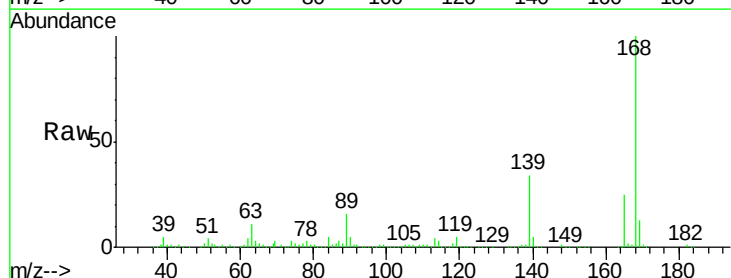
Ion Ratio Lower Upper

165 100

63 42.4 65.4 98.0#

89 60.8 81.2 121.8#

182 2.3 1.8 2.8

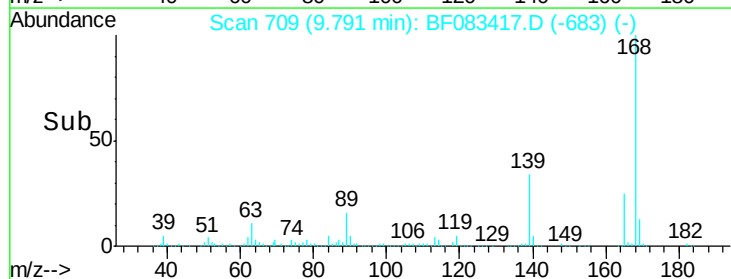
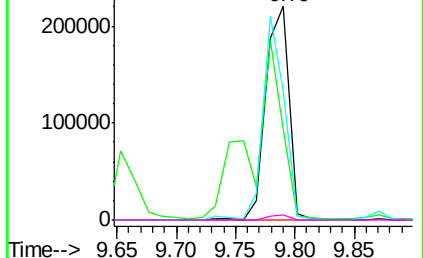


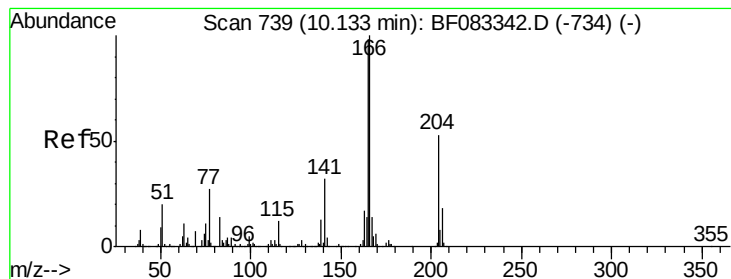
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.42 ng

RT: 10.12 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

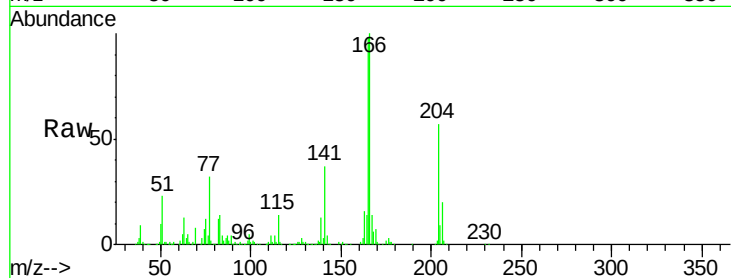
Tgt Ion:166 Resp: 914704

Ion Ratio Lower Upper

166 100

165 97.7 78.3 117.5

167 14.4 11.1 16.7

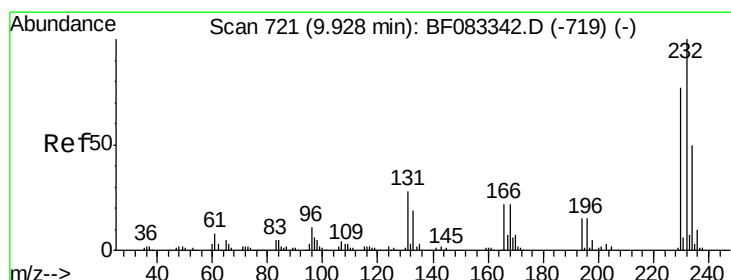
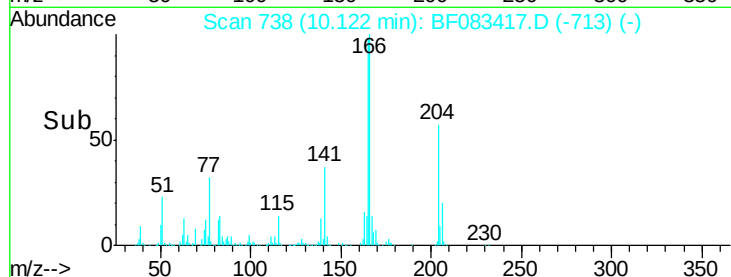
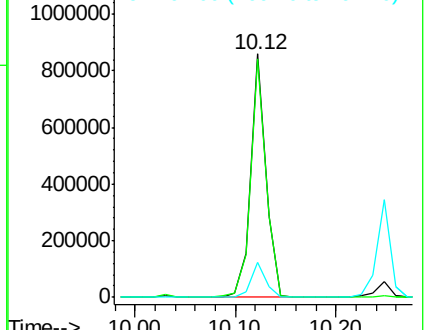


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.07 ng

RT: 9.92 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Tgt Ion:232 Resp: 263465

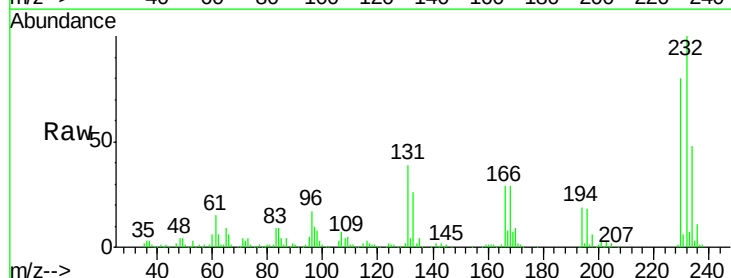
Ion Ratio Lower Upper

232 100

131 43.4 35.4 53.2

130 2.3 1.7 2.5

166 30.6 23.3 34.9



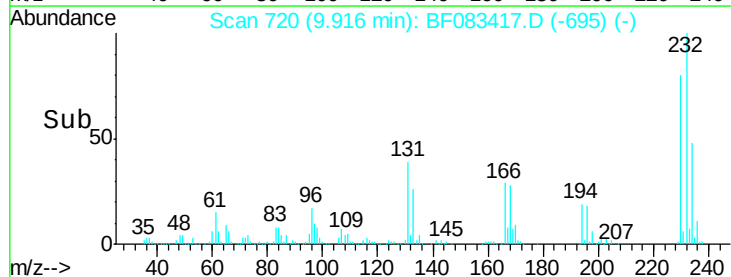
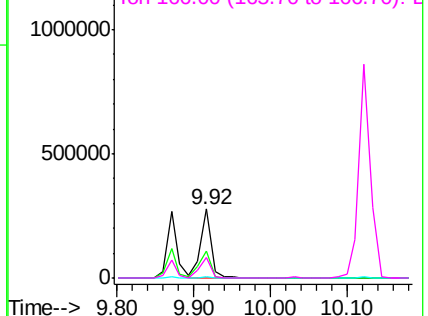
Abundance

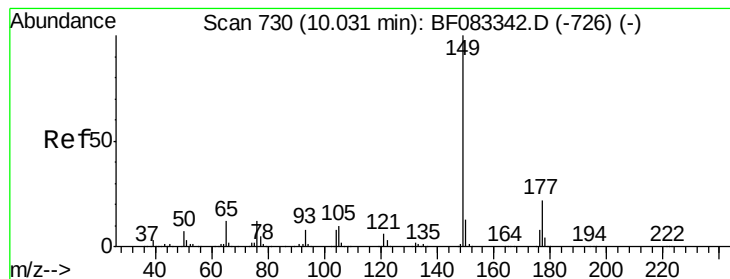
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.60 ng

RT: 10.02 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

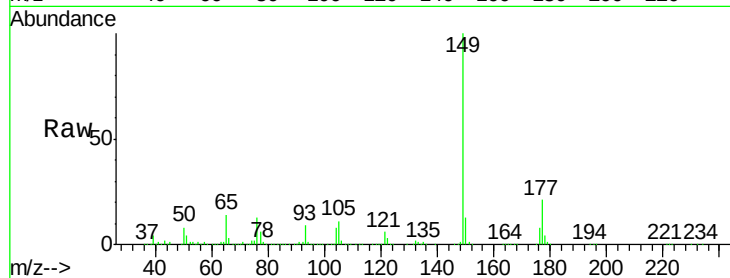
Tgt Ion:149 Resp: 980282

Ion Ratio Lower Upper

149 100

177 21.3 17.4 26.2

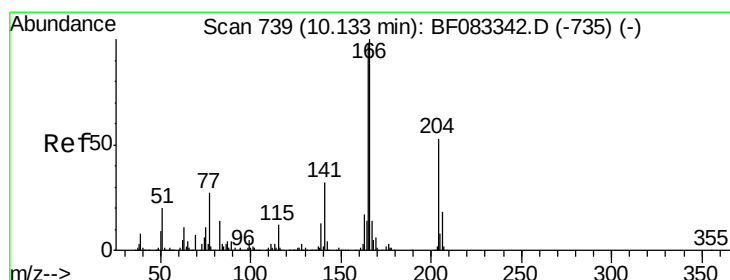
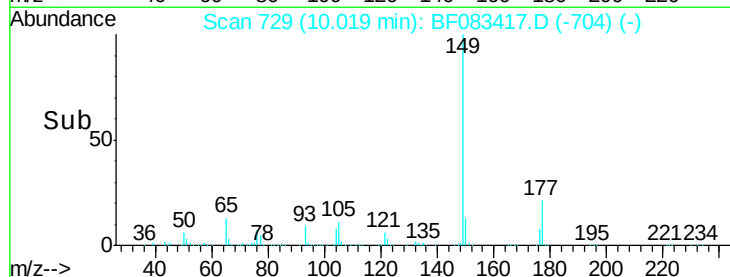
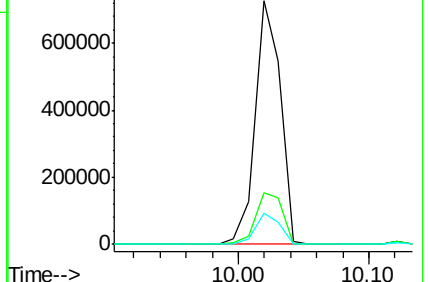
150 12.9 10.4 15.6



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: 46.24 ng

RT: 10.12 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

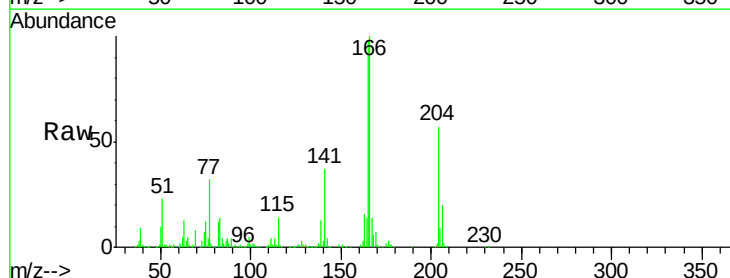
Tgt Ion:204 Resp: 427867

Ion Ratio Lower Upper

204 100

206 34.5 27.5 41.3

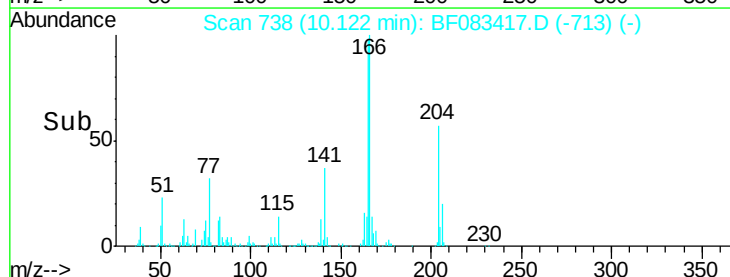
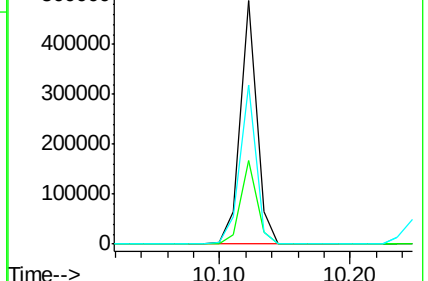
141 65.5 48.1 72.1

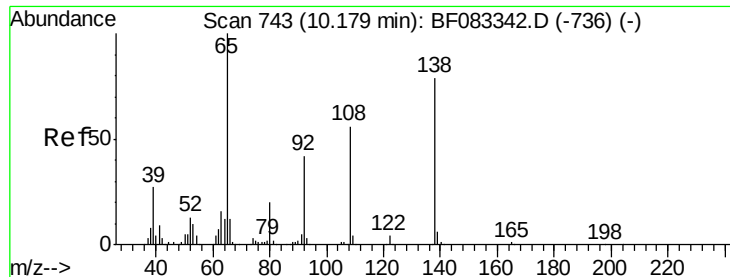


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

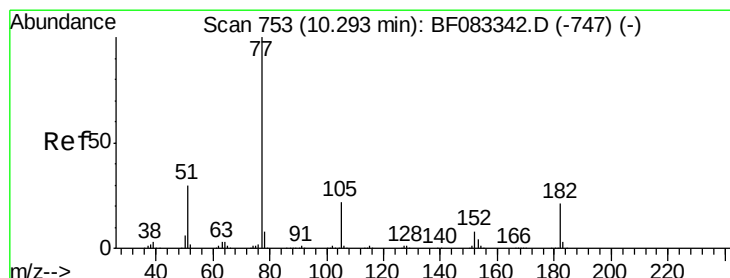
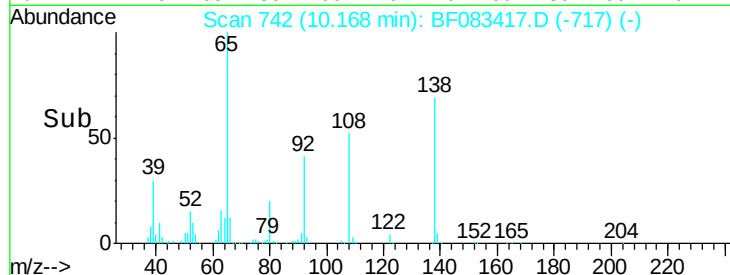
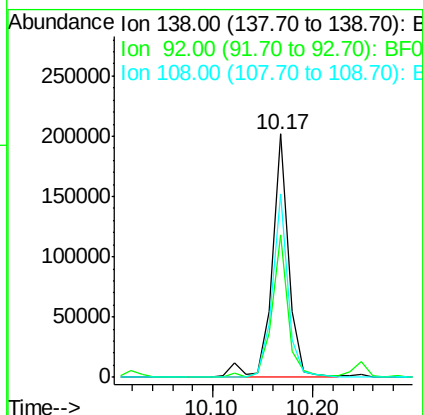
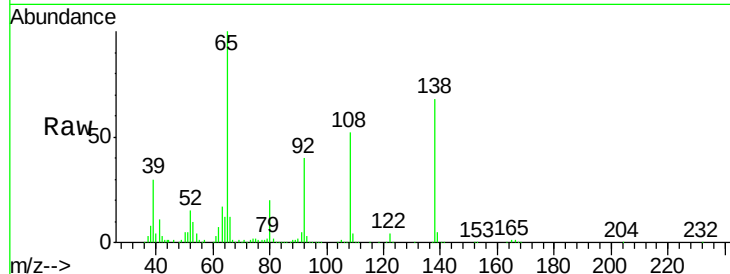




#61
4-Nitroaniline
Concen: 41.45 ng
RT: 10.17 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

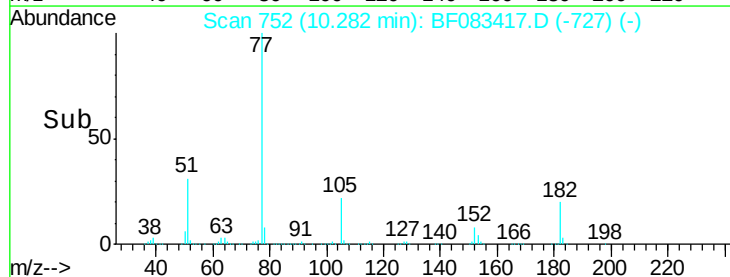
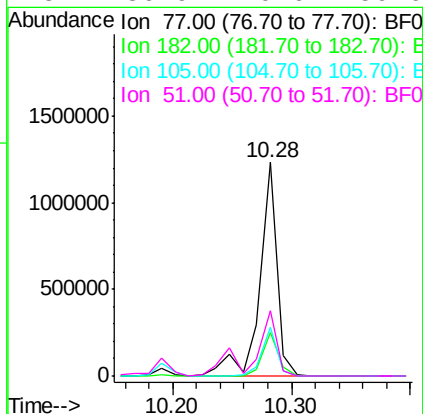
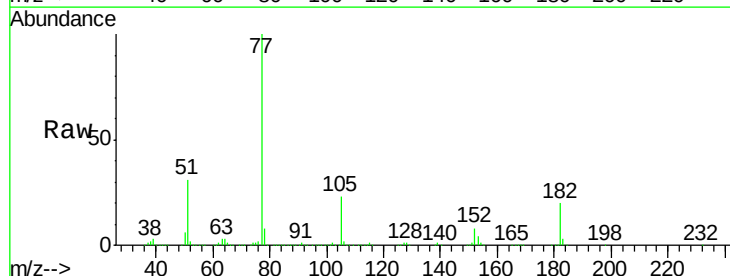
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

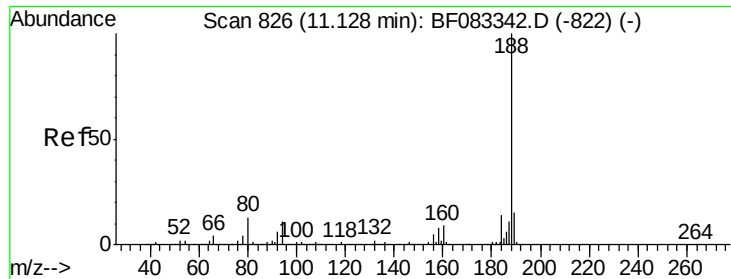
Tgt Ion: 138 Resp: 234171
Ion Ratio Lower Upper
138 100
92 58.6 33.6 73.6
108 75.3 51.0 91.0



#62
Azobenzene
Concen: 48.68 ng
RT: 10.28 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion: 77 Resp: 1264481
Ion Ratio Lower Upper
77 100
182 20.3 0.8 40.8
105 22.6 2.3 42.3
51 30.9 10.6 50.6

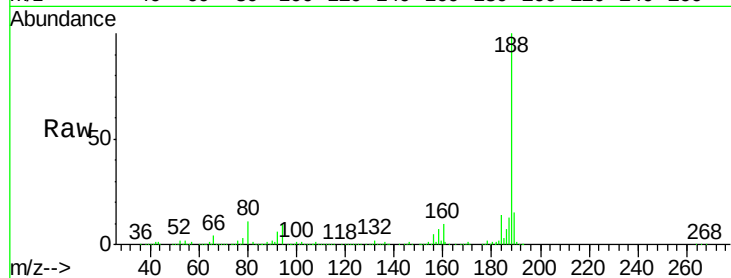




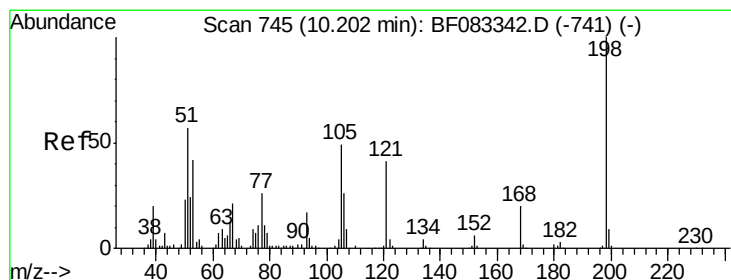
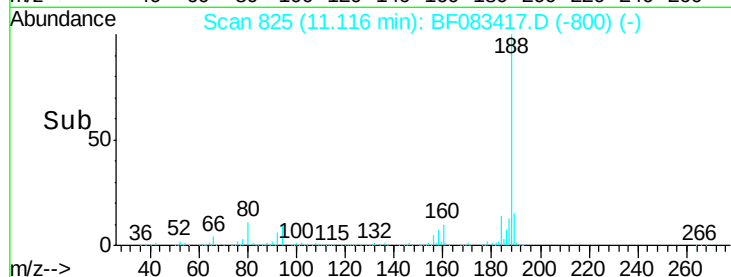
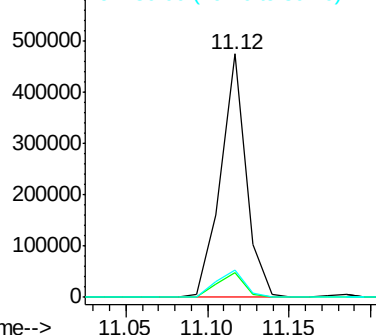
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

Tgt Ion:188 Resp: 517682
Ion Ratio Lower Upper
188 100
94 10.3 8.7 13.1
80 11.4 10.3 15.5

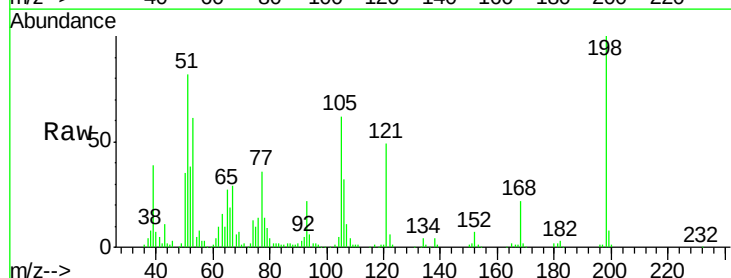


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

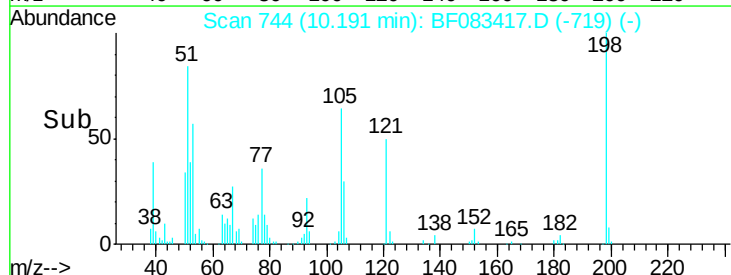
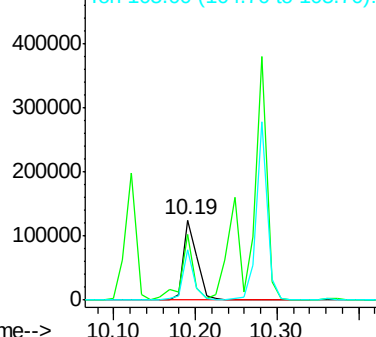


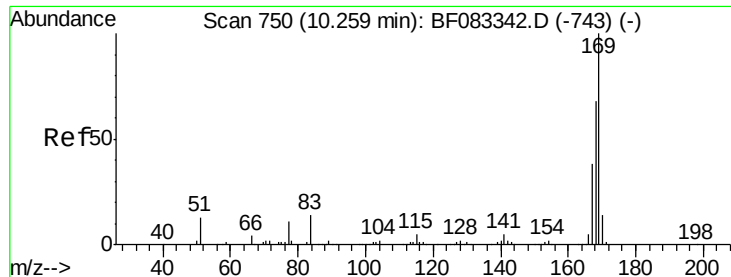
#64
4,6-Dinitro-2-methylphenol
Concen: 42.41 ng
RT: 10.19 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion:198 Resp: 147418
Ion Ratio Lower Upper
198 100
51 81.9 38.3 78.3#
105 62.1 29.2 69.2



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

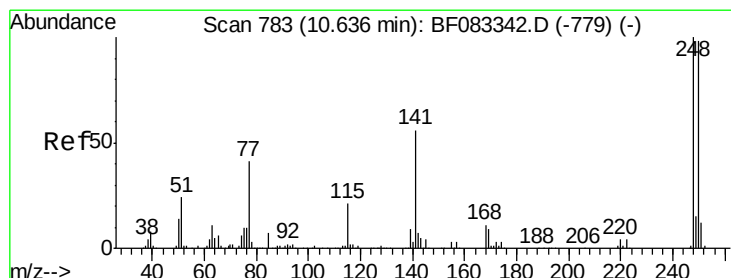
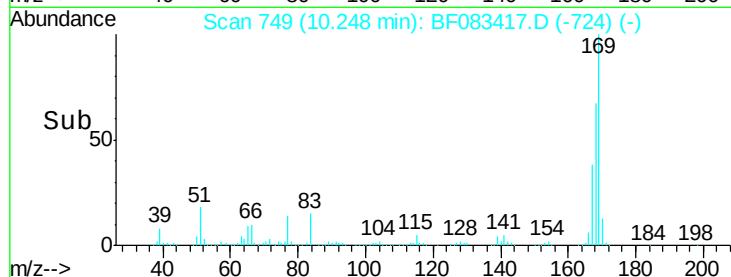
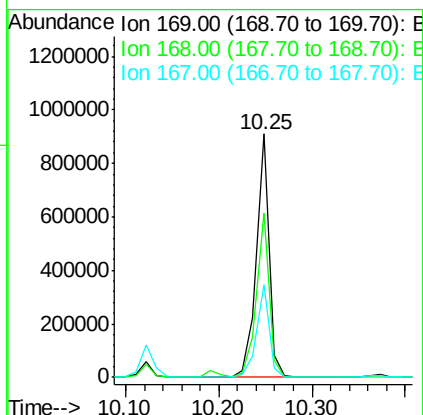
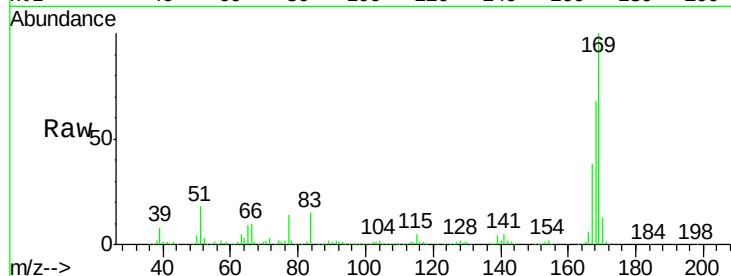




#65
n-Nitrosodiphenylamine
Concen: 47.39 ng
RT: 10.25 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

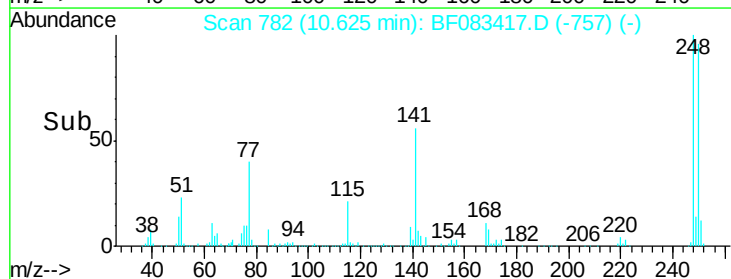
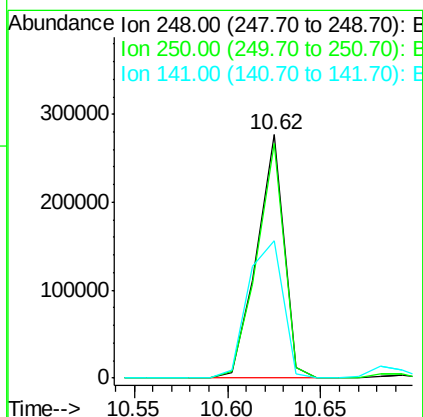
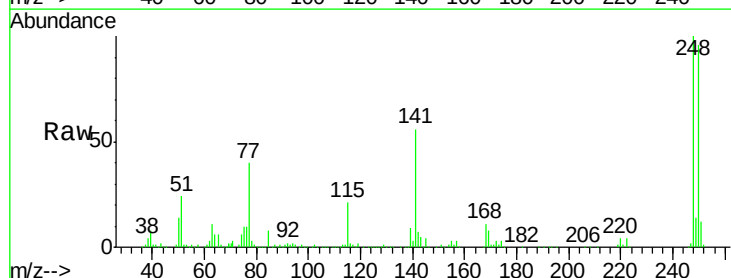
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

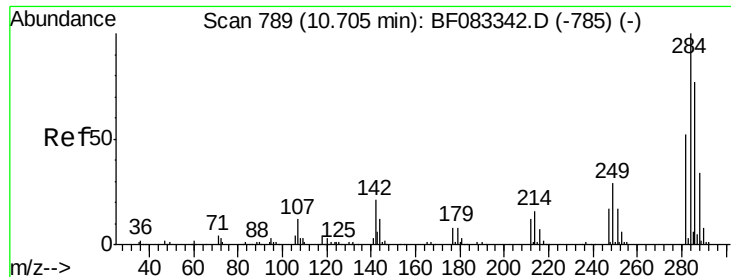
Tgt Ion:169 Resp: 862022
Ion Ratio Lower Upper
169 100
168 67.6 54.8 82.2
167 37.8 30.2 45.2



#66
4-Bromophenyl-phenylether
Concen: 49.39 ng
RT: 10.62 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion:248 Resp: 279670
Ion Ratio Lower Upper
248 100
250 96.2 78.6 118.0
141 56.2 44.4 66.6

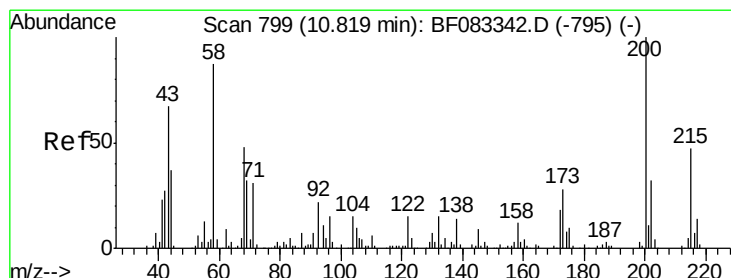
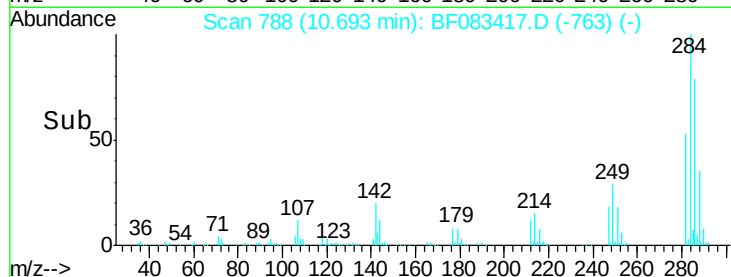
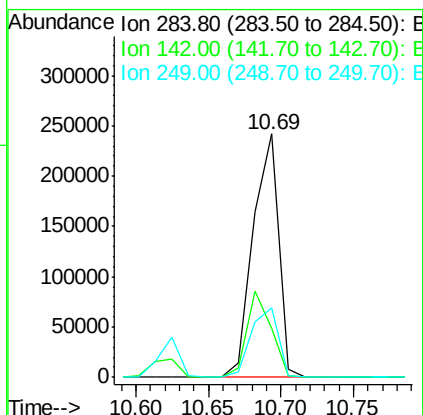
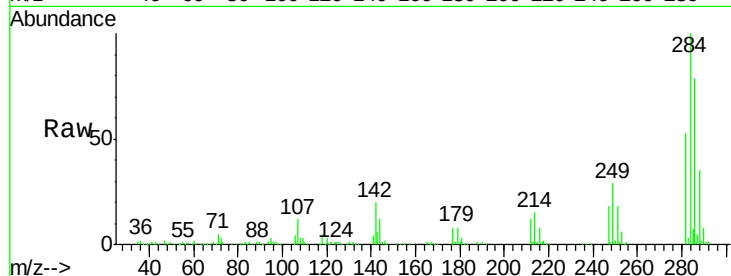




#67
Hexachlorobenzene
Concen: 47.14 ng
RT: 10.69 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

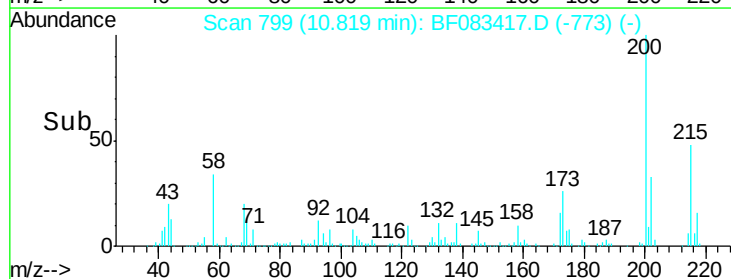
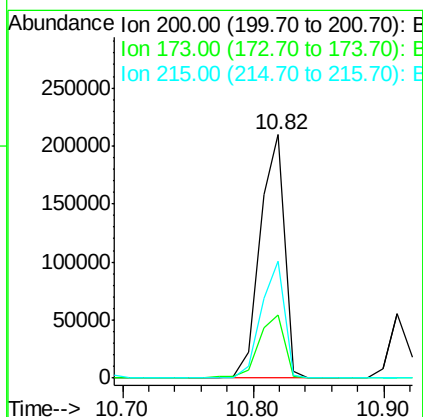
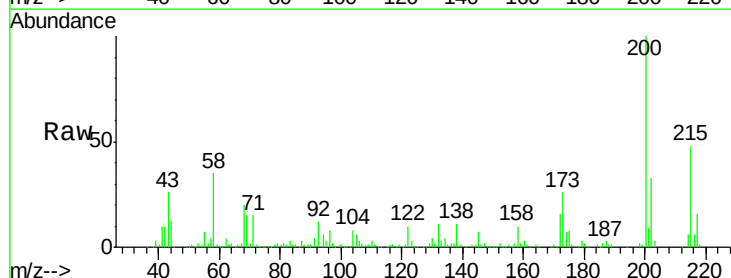
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

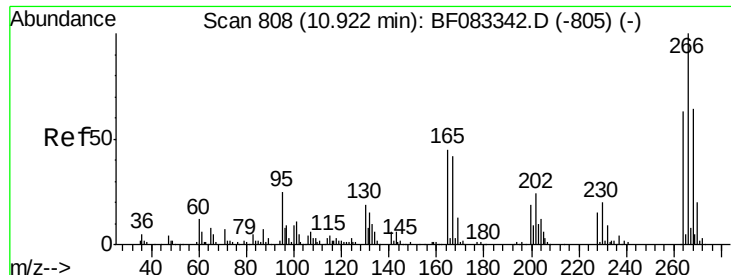
Tgt Ion:284 Resp: 295191
Ion Ratio Lower Upper
284 100
142 20.1 16.6 24.8
249 28.7 23.0 34.4



#68
Atrazine
Concen: 54.46 ng
RT: 10.82 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion:200 Resp: 274004
Ion Ratio Lower Upper
200 100
173 25.7 8.3 48.3
215 48.2 26.7 66.7

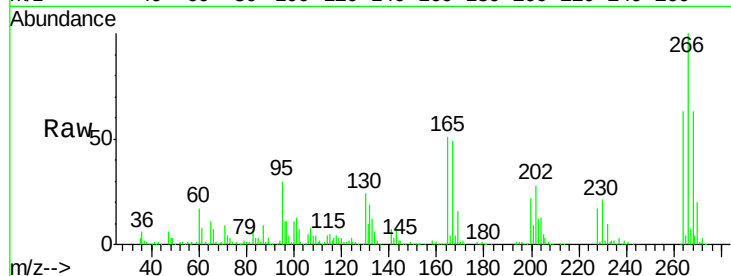




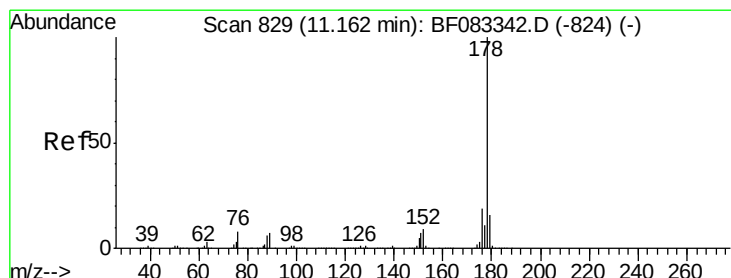
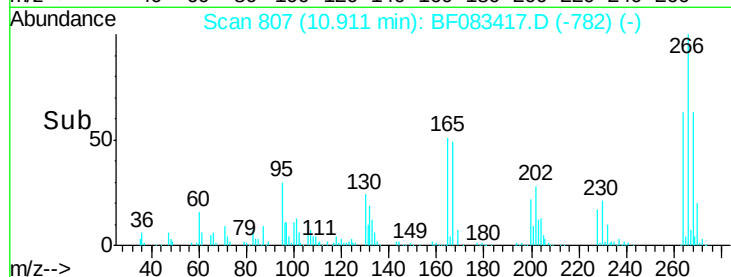
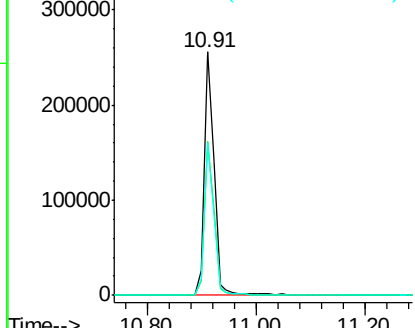
#69
 Pentachlorophenol
 Concen: 96.32 ng
 RT: 10.91 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

Tgt Ion:266 Resp: 315939
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.5 77.3
 264 63.0 50.4 75.6

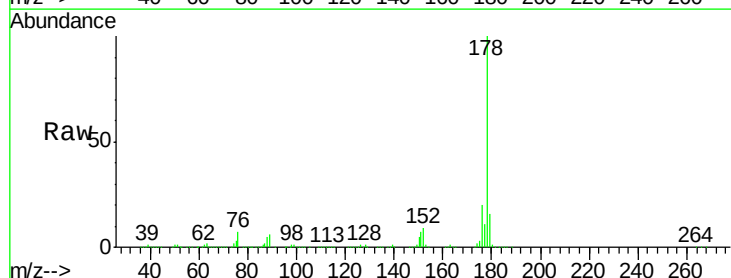


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

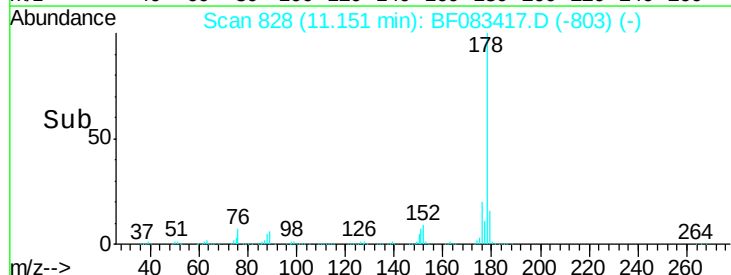
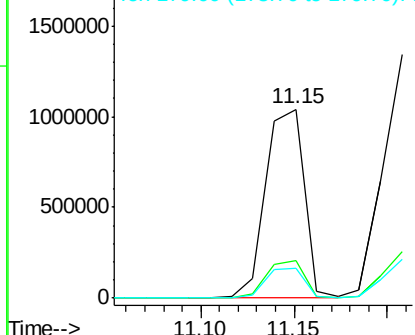


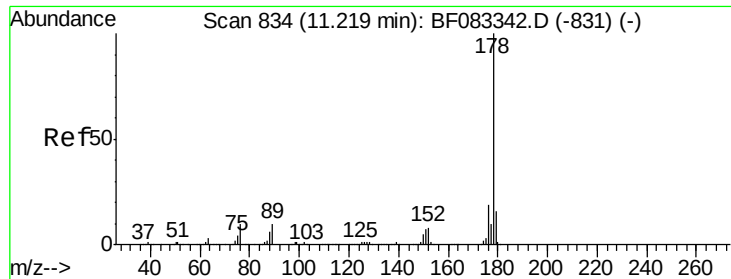
#70
 Phenanthrene
 Concen: 48.93 ng
 RT: 11.15 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Tgt Ion:178 Resp: 1498921
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.3 22.9
 179 15.7 12.4 18.6



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: 48.02 ng

RT: 11.21 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

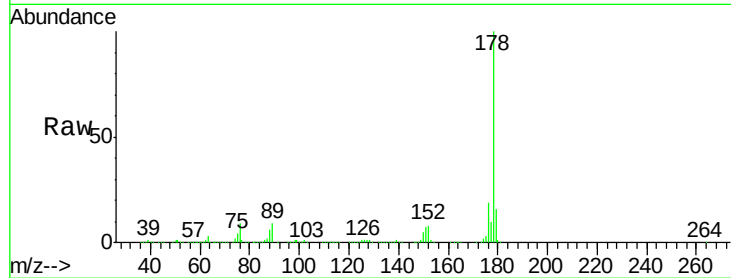
Tgt Ion:178 Resp: 1480994

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

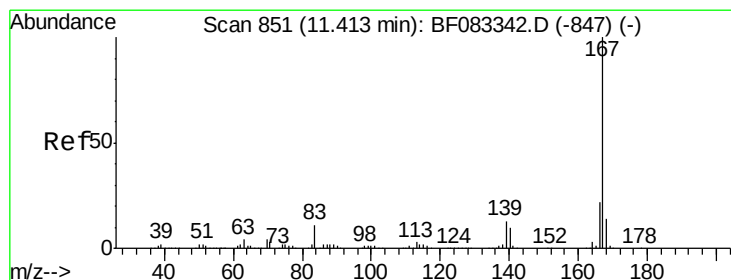
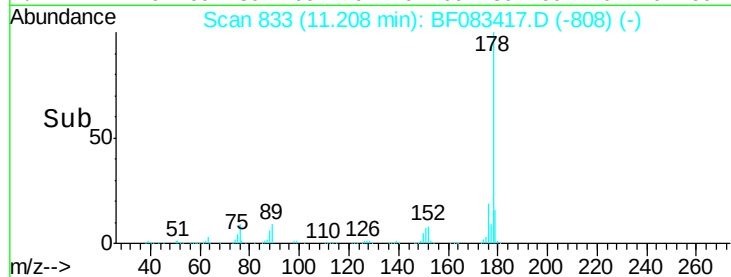
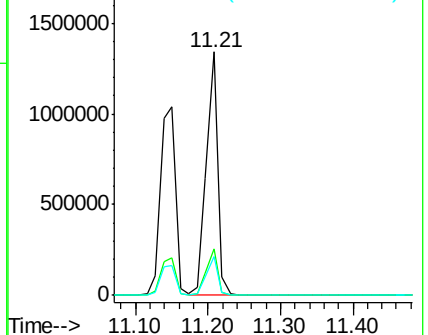
179 15.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 47.92 ng

RT: 11.40 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

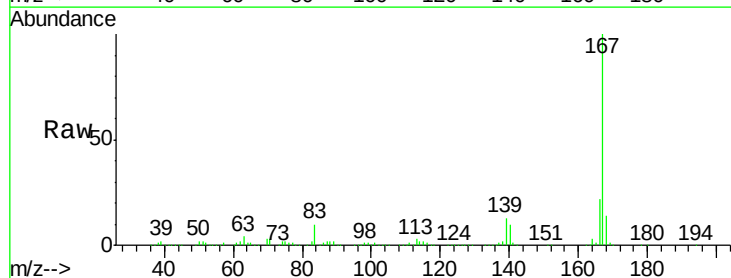
Tgt Ion:167 Resp: 1328020

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

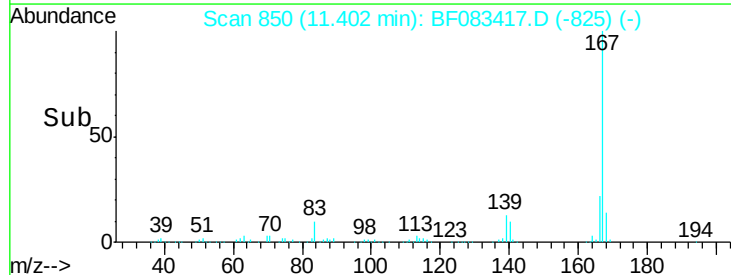
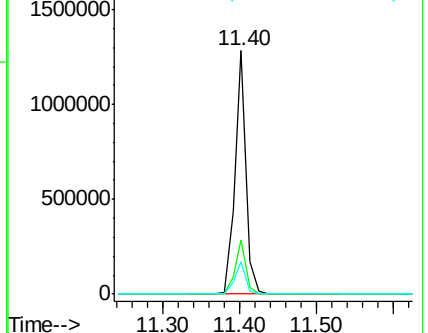
139 13.3 10.5 15.7

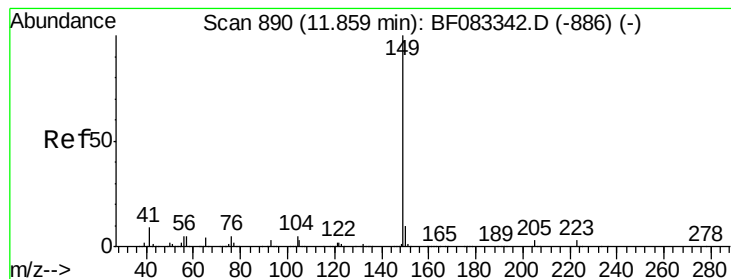


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.47 ng

RT: 11.84 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

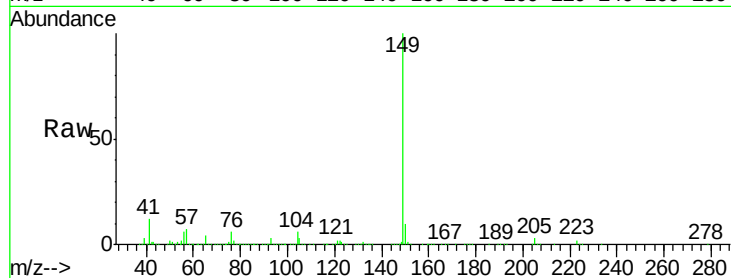
Tgt Ion:149 Resp: 1558908

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

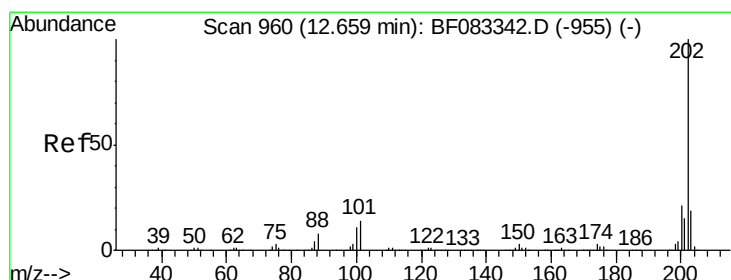
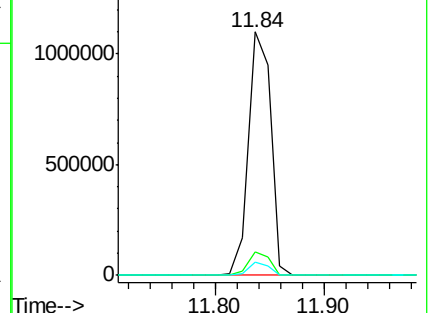
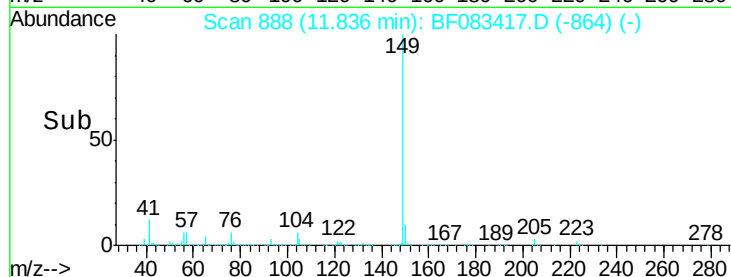
104 5.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.33 ng

RT: 12.65 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

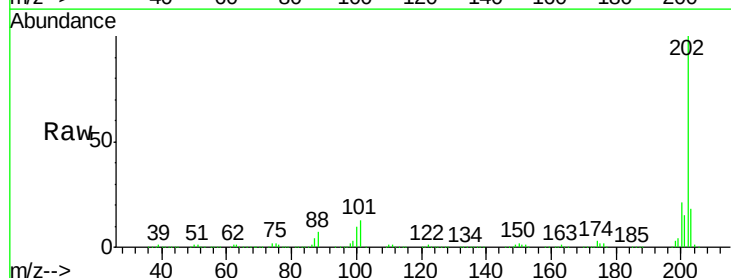
Tgt Ion:202 Resp: 1439612

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.5

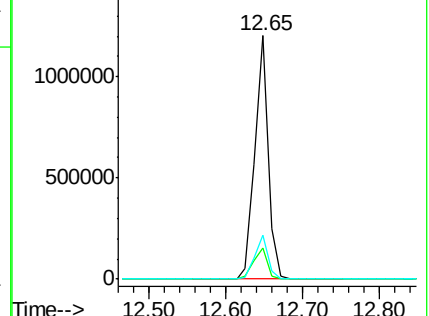
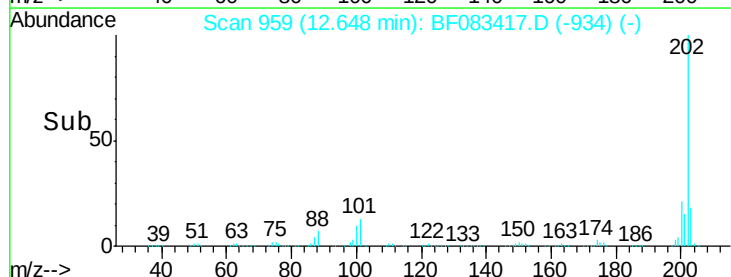
203 18.1 0.0 38.7

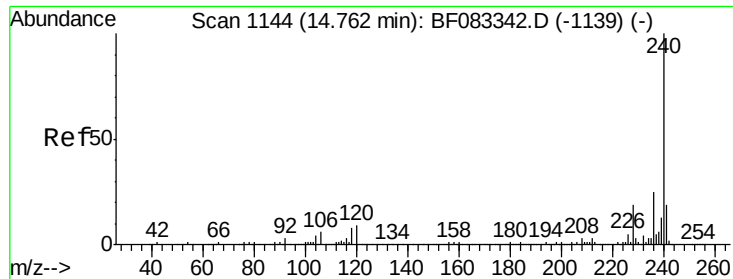


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

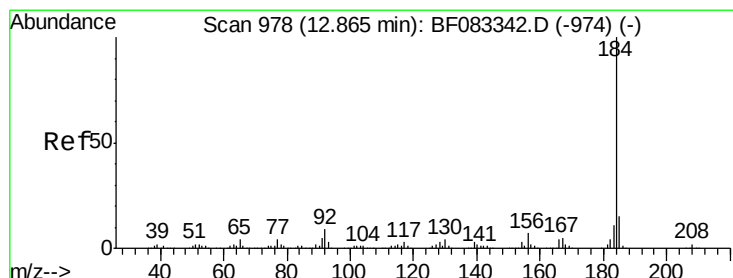
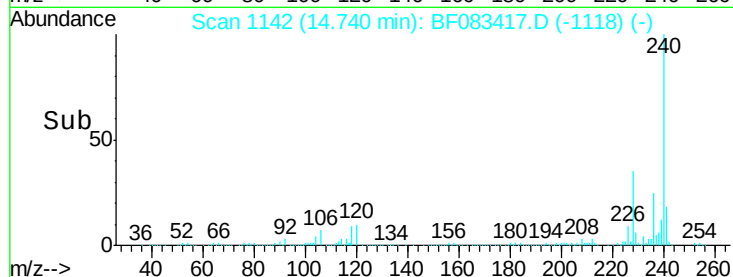
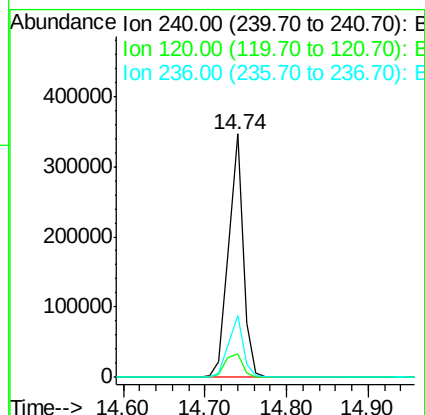
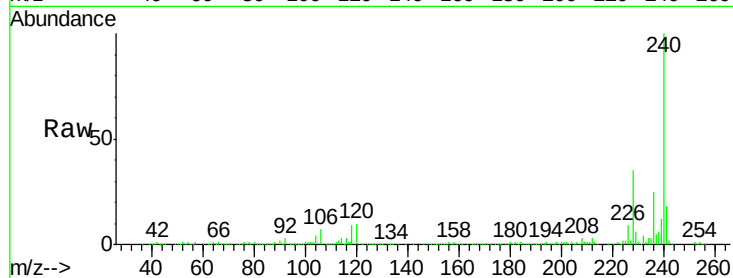




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.74 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

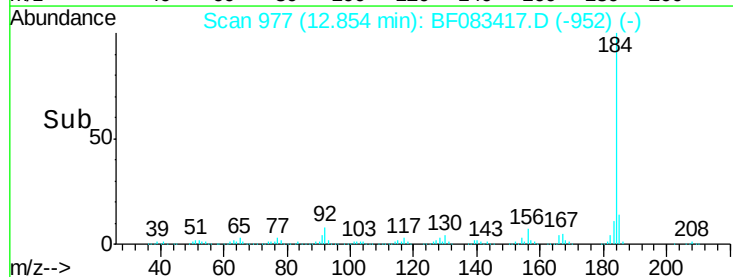
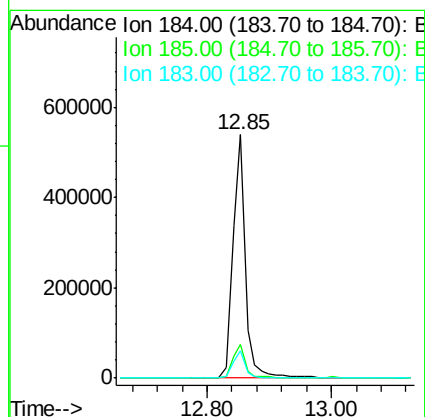
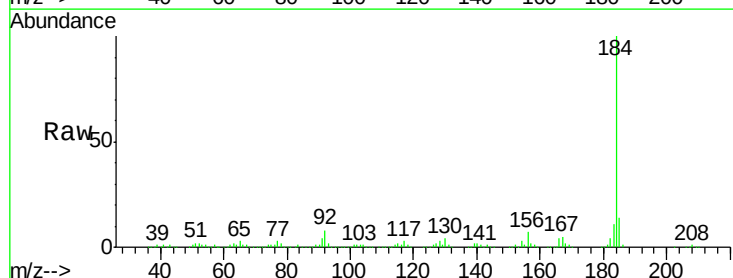
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

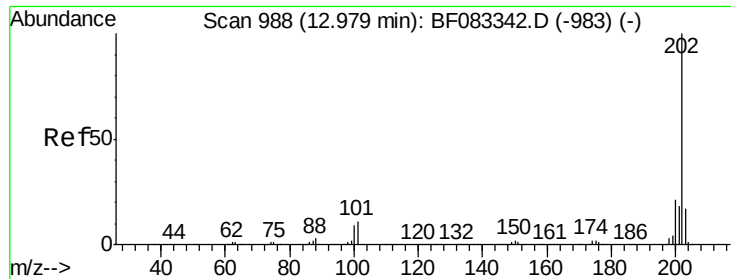
Tgt Ion:240 Resp: 430835
Ion Ratio Lower Upper
240 100
120 9.8 6.9 10.3
236 25.2 19.8 29.6



#76
Benzidine
Concen: 58.63 ng
RT: 12.85 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion:184 Resp: 752376
Ion Ratio Lower Upper
184 100
185 13.9 12.4 18.6
183 11.0 9.0 13.4

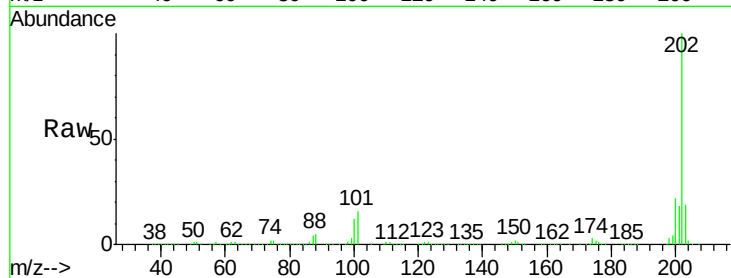




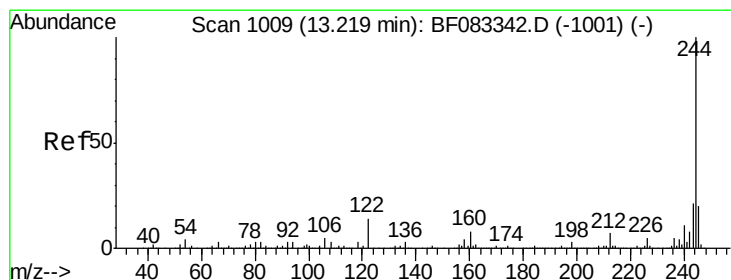
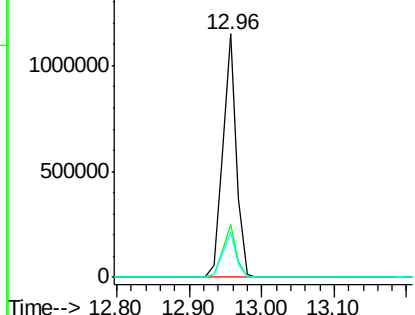
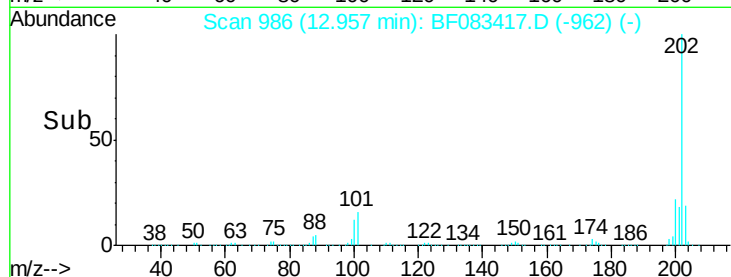
#77
Pyrene
 Concen: 48.82 ng
 RT: 12.96 min Scan# 986
 Delta R.T. -0.02 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Instrument :
 BNA_F
ClientSampleId :
 SB-P3WC-07(8-14)MSD

Tgt Ion:202 Resp: 1469016
 Ion Ratio Lower Upper
 202 100
 200 22.0 16.9 25.3
 203 18.6 13.9 20.9

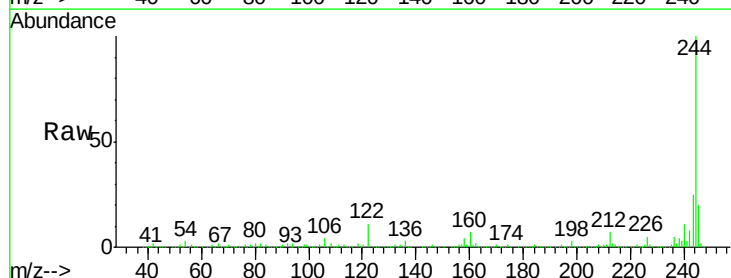


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

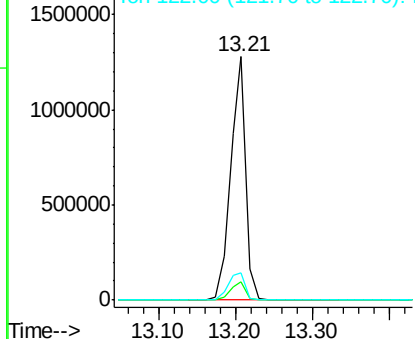
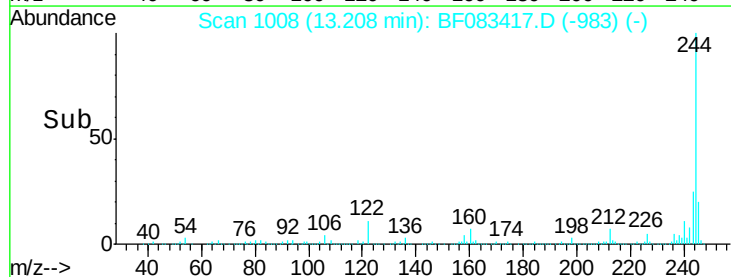


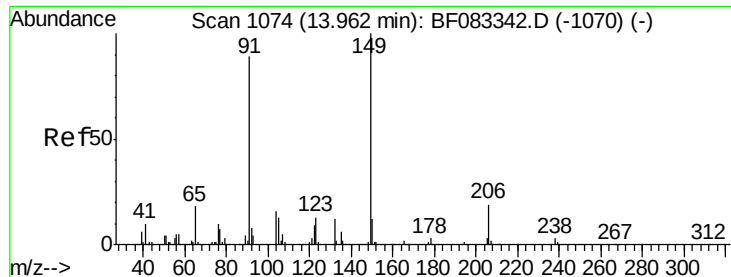
#78
Terphenyl-d14
 Concen: 98.36 ng
 RT: 13.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Tgt Ion:244 Resp: 1776895
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.1 11.0 16.4



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: 52.00 ng

RT: 13.95 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

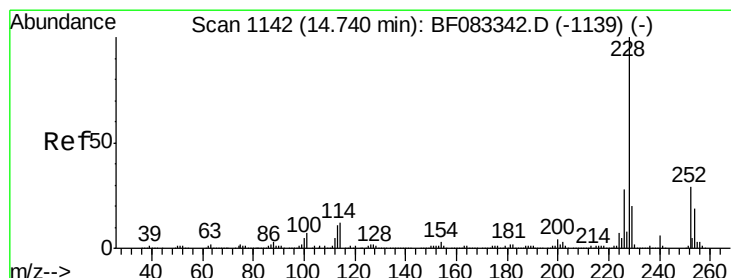
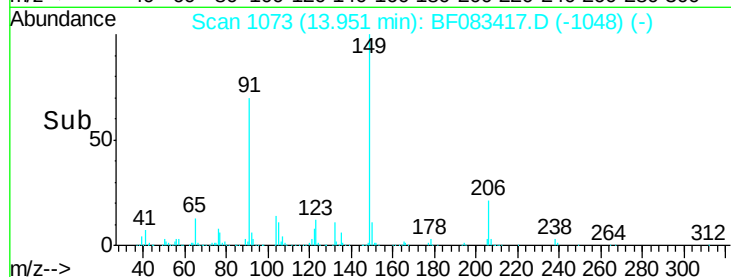
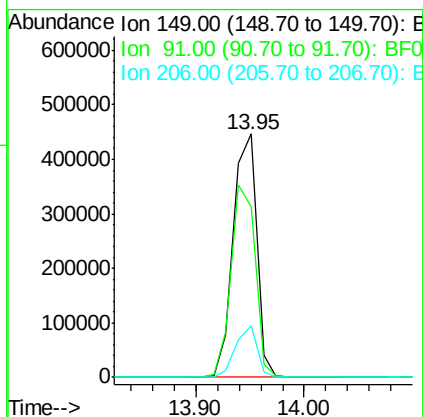
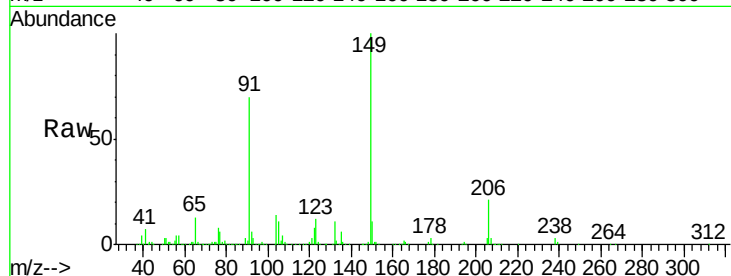
Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

Tgt Ion:	149	Resp:	663667
Ion Ratio	Lower	Upper	
149	100		
91	69.9	71.4	107.2#
206	21.1	15.1	22.7



#80

Benzo(a)anthracene

Concen: 46.41 ng

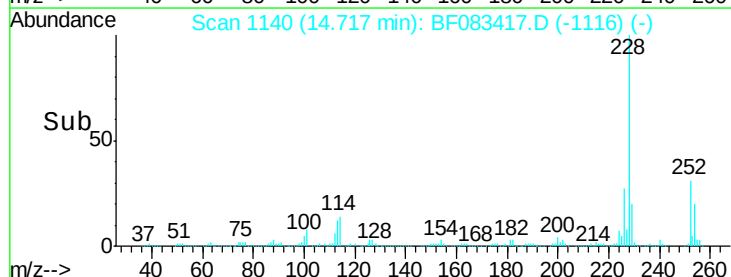
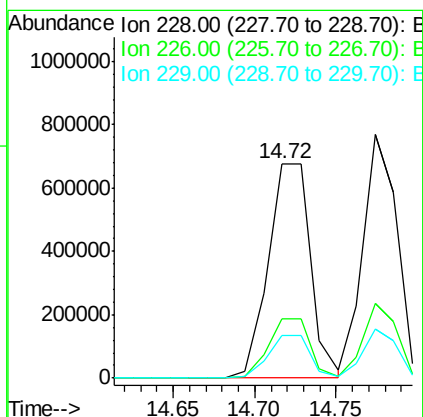
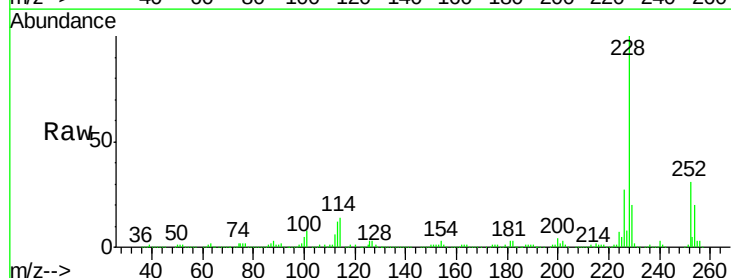
RT: 14.72 min Scan# 1140

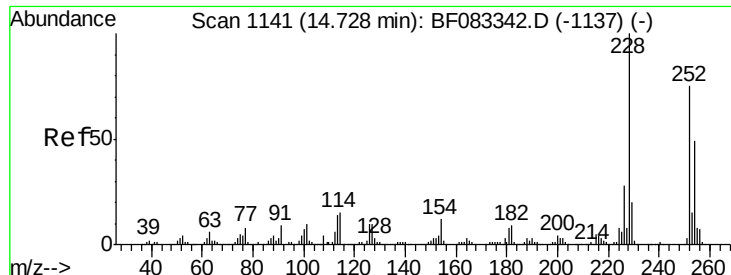
Delta R.T. -0.02 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Tgt Ion:	228	Resp:	1225052
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.2	33.4
229	20.1	16.1	24.1

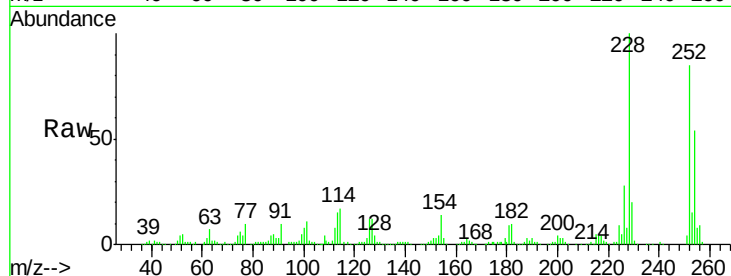




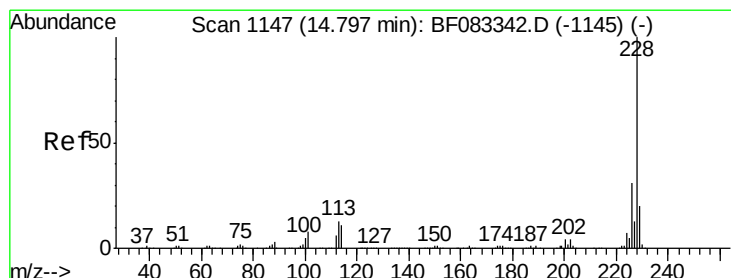
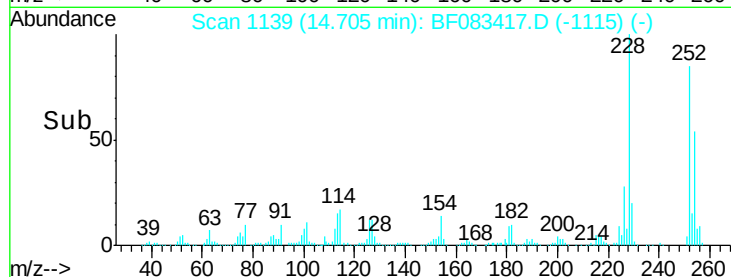
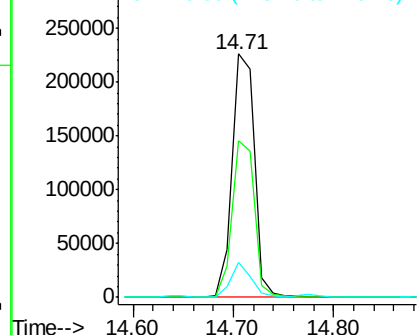
#81
 3,3'-Dichlorobenzidine
 Concen: 42.44 ng
 RT: 14.71 min Scan# 1139
 Delta R.T. -0.02 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

Tgt Ion: 252 Resp: 349869
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.0 78.0
 126 14.6 10.7 16.1

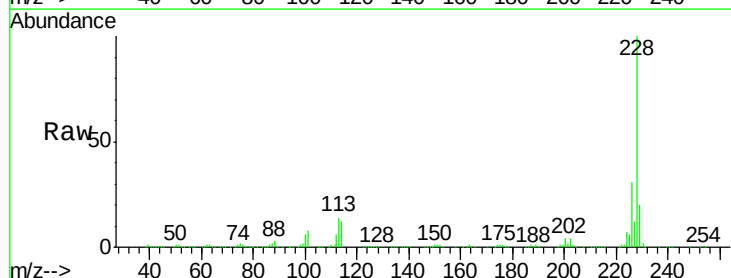


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

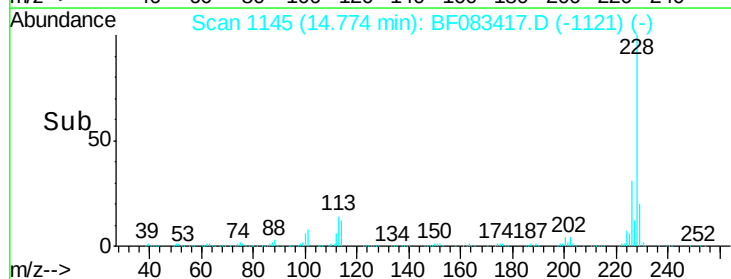
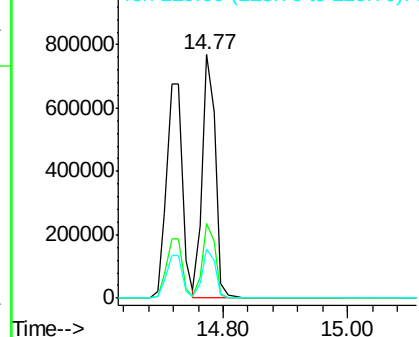


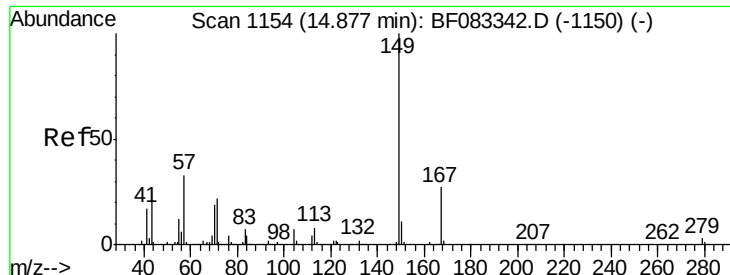
#82
 Chrysene
 Concen: 44.52 ng
 RT: 14.77 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Tgt Ion: 228 Resp: 1135478
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.6 37.0
 229 20.3 16.2 24.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.83 ng

RT: 14.85 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)MSD

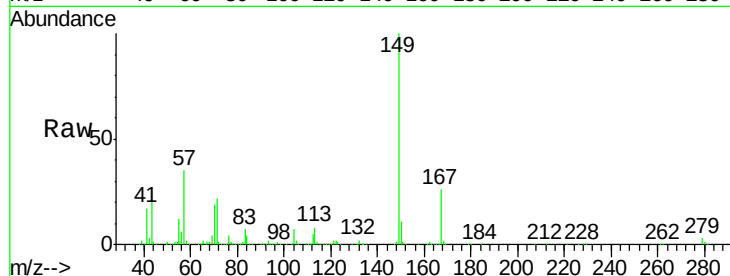
Tgt Ion:149 Resp: 921683

Ion Ratio Lower Upper

149 100

167 25.9 21.5 32.3

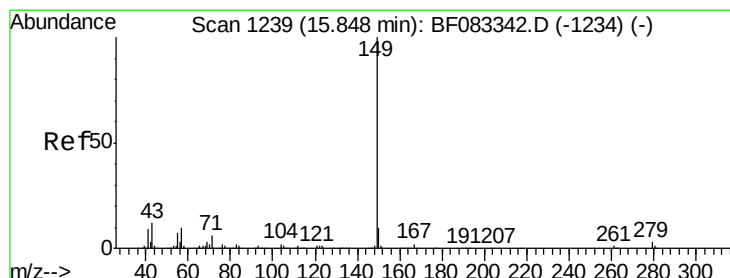
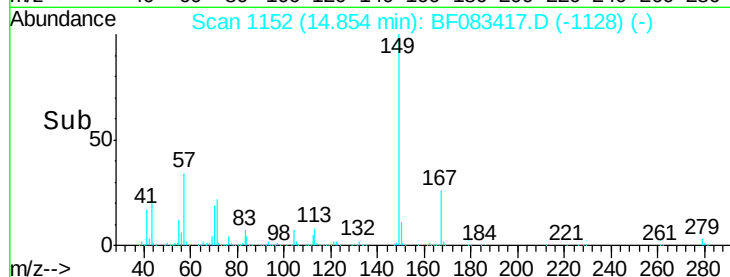
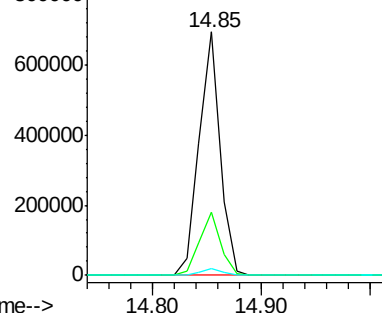
279 2.9 2.6 3.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 54.71 ng

RT: 15.83 min Scan# 1237

Delta R.T. -0.02 min

Lab File: BF083417.D

Acq: 2 Dec 2015 14:40

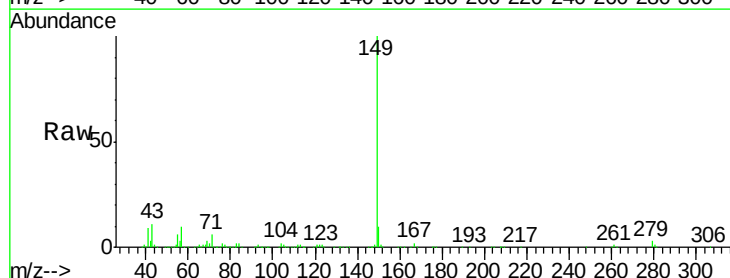
Tgt Ion:149 Resp: 1394961

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

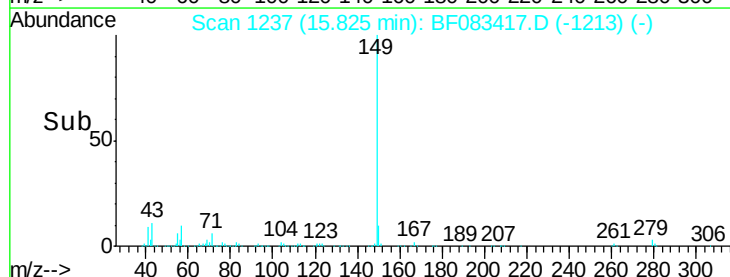
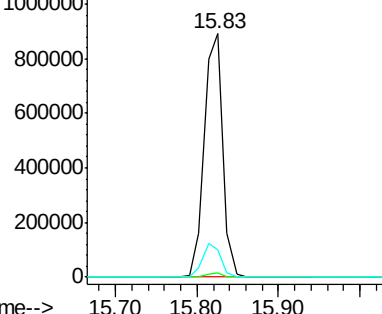
43 13.4 11.0 16.6

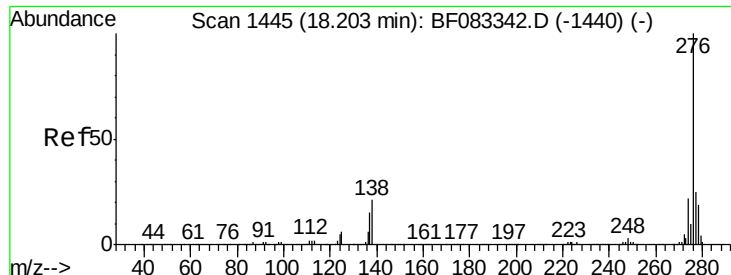


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

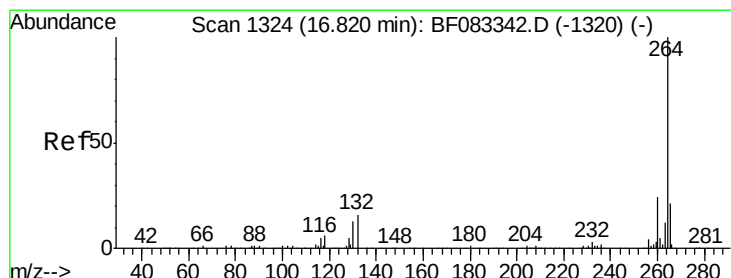
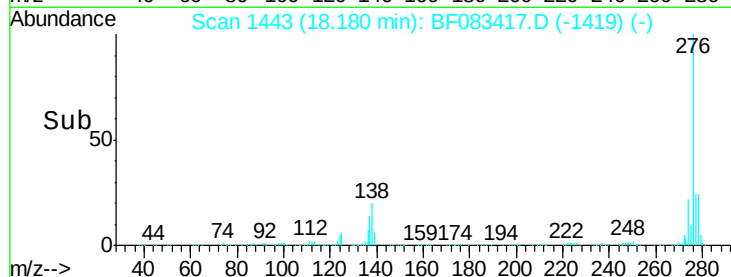
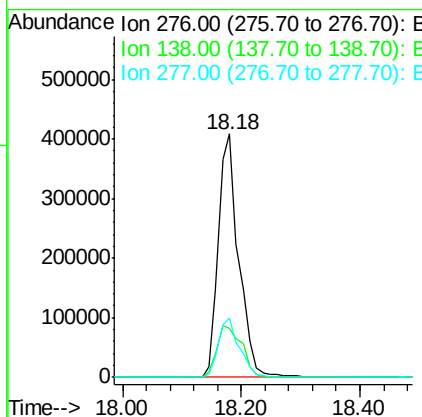
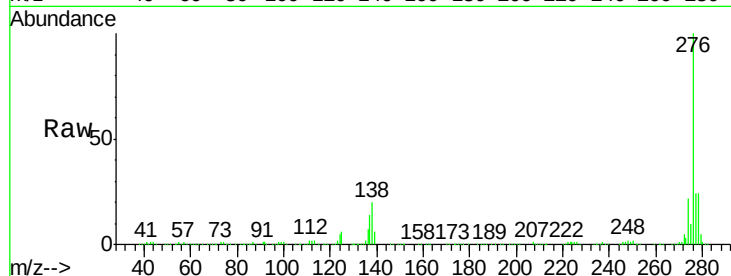




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.37 ng
 RT: 18.18 min Scan# 1443
 Delta R.T. -0.02 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

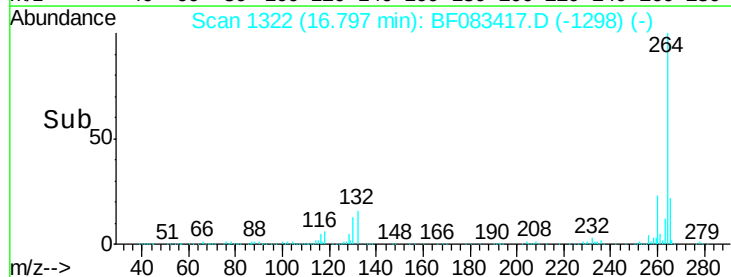
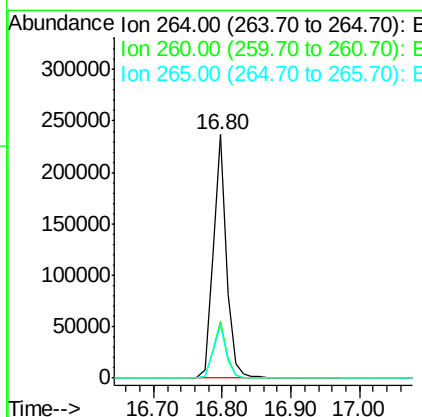
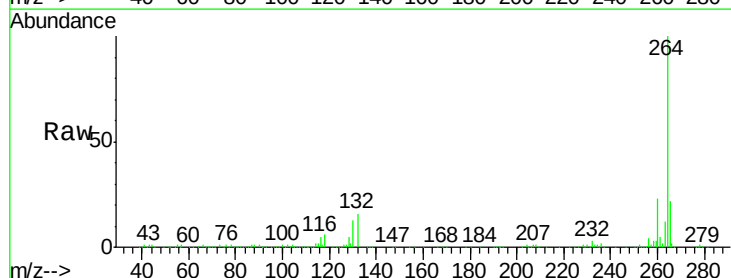
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

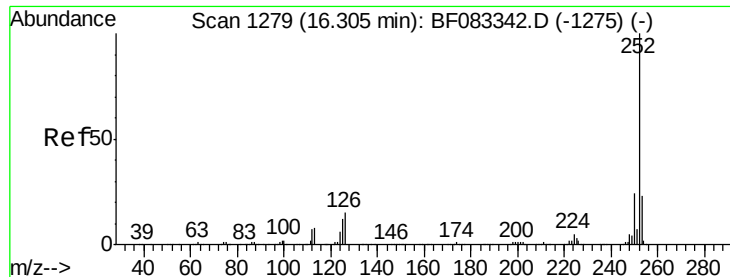
Tgt Ion: 276 Resp: 972779
 Ion Ratio Lower Upper
 276 100
 138 26.0 21.2 31.8
 277 24.9 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.80 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Tgt Ion: 264 Resp: 320934
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.6 16.8 25.2

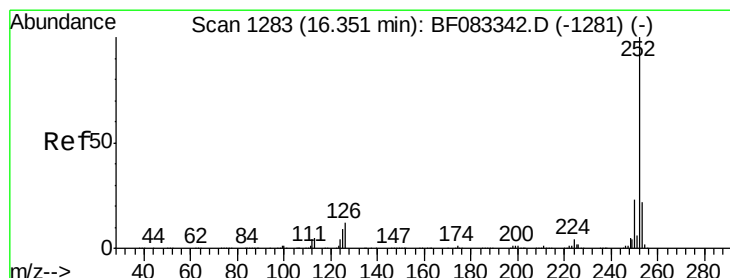
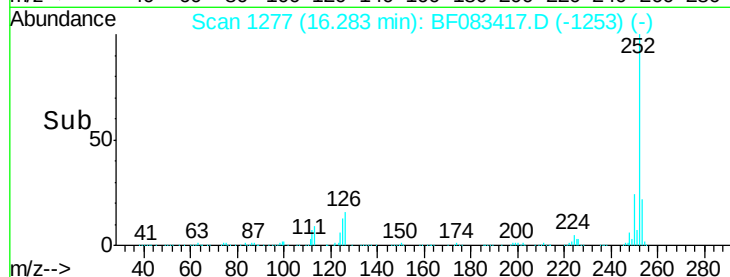
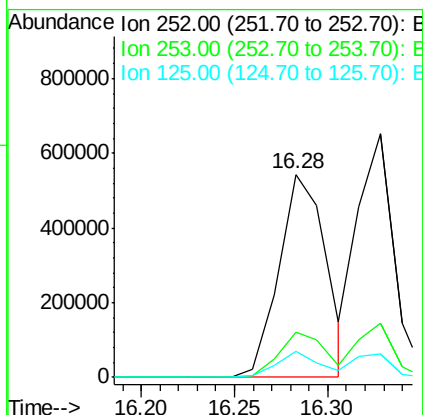
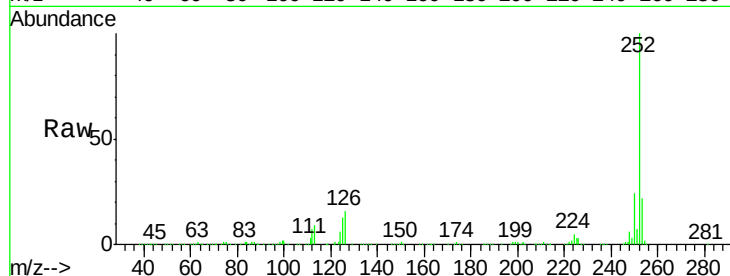




#87
Benzo(b)fluoranthene
Concen: 46.42 ng
RT: 16.28 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

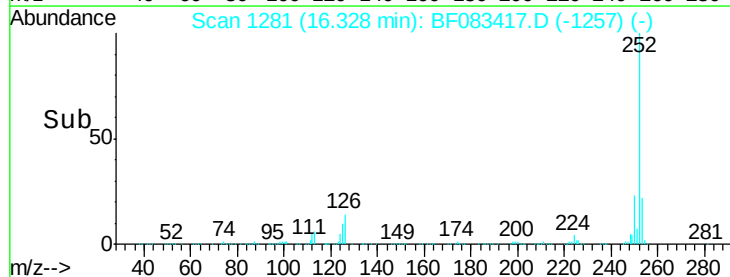
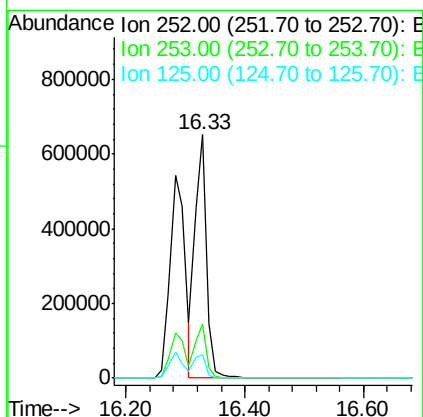
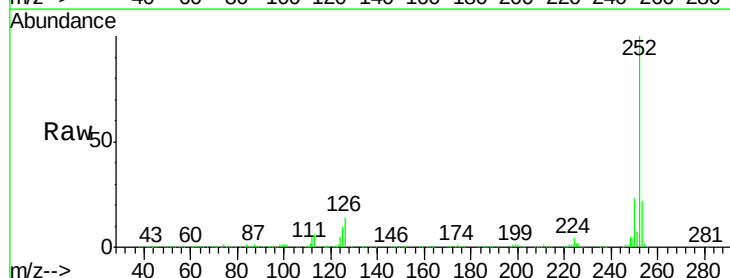
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

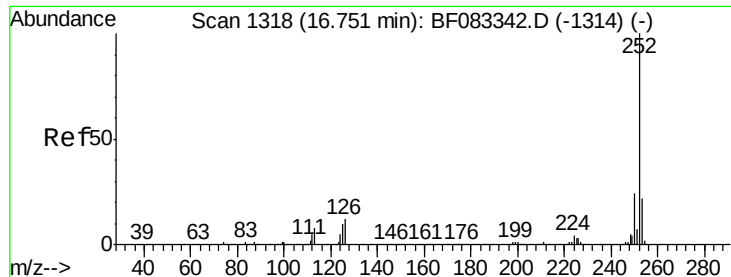
Tgt Ion:252 Resp: 955928
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 12.7 9.6 14.4



#88
Benzo(k)fluoranthene
Concen: 45.75 ng
RT: 16.33 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion:252 Resp: 889563
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 9.6 7.5 11.3

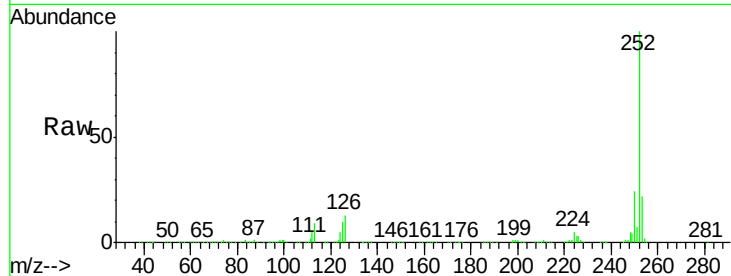




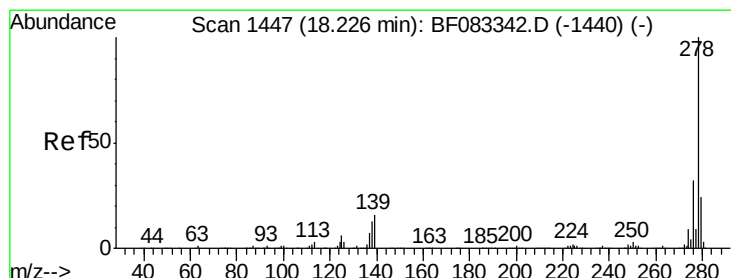
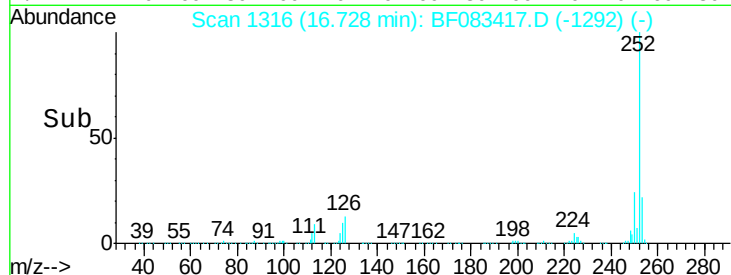
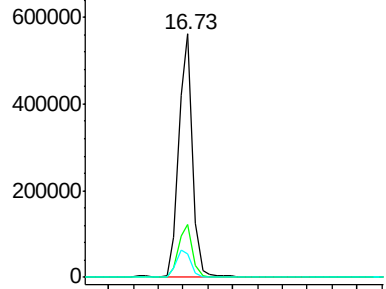
#89
Benzo(a)pyrene
Concen: 48.27 ng
RT: 16.73 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

Tgt Ion:252 Resp: 853734
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.8 7.8 11.8

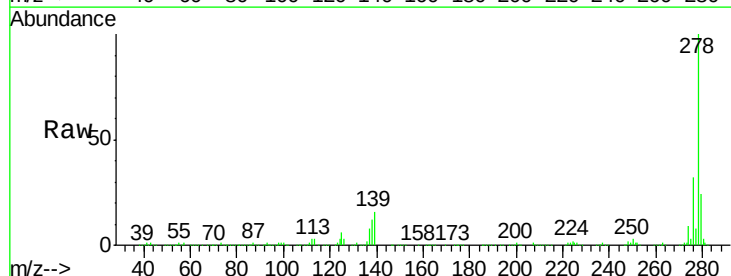


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

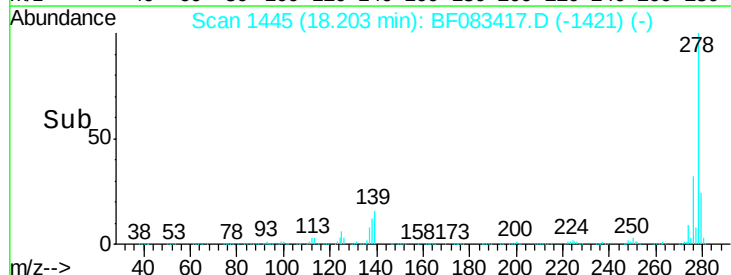
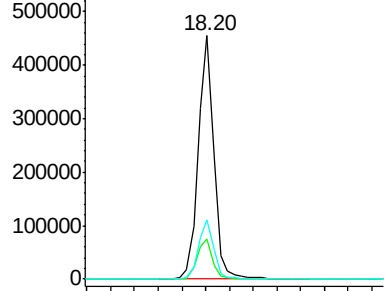


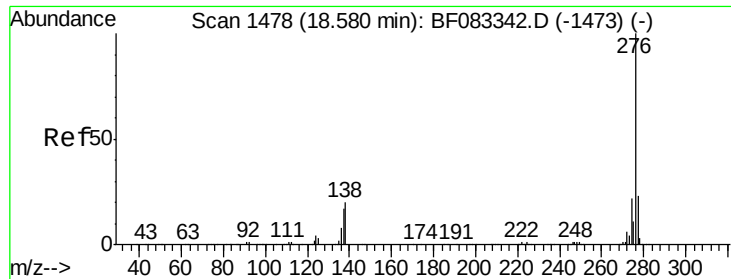
#90
Dibenzo(a,h)anthracene
Concen: 53.54 ng
RT: 18.20 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BF083417.D
Acq: 2 Dec 2015 14:40

Tgt Ion:278 Resp: 825143
Ion Ratio Lower Upper
278 100
139 16.4 13.1 19.7
279 24.1 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: 53.92 ng
 RT: 18.55 min Scan# 1475
 Delta R.T. -0.03 min
 Lab File: BF083417.D
 Acq: 2 Dec 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	24.1	16.1	24.1

