

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061116\
 Data File : BF087943.D
 Acq On : 12 Jun 2016 12:12
 Operator : UM/SJ
 Sample : H3425-06MS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

Quant Time: Jun 13 01:15:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 01:05:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	117272	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	491899	20.00	ng	-0.03
38) Acenaphthene-d10	9.85	164	238356	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	426394	20.00	ng	-0.03
75) Chrysene-d12	13.97	240	303914	20.00	ng	-0.02
86) Perylene-d12	15.37	264	257906	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	420982	61.37	ng	-0.03
7) Phenol-d6	6.43	99	352120	42.35	ng	-0.05
23) Nitrobenzene-d5	7.37	82	730089	86.67	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	260603	103.55	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1294355	85.33	ng	-0.03
78) Terphenyl-d14	12.91	244	1029128	77.06	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	50100	15.03	ng	# 33
3) Pyridine	3.12	79	117484	14.93	ng	95
4) n-Nitrosodimethylamine	3.04	42	65433	19.63	ng	90
6) Aniline	6.46	93	269818	22.80	ng	# 86
8) 2-Chlorophenol	6.58	128	299533	36.89	ng	100
9) Benzaldehyde	6.34	77	19967	3.26	ng	96
10) Phenol	6.44	94	141477	14.81	ng	79
11) bis(2-Chloroethyl)ether	6.54	93	314480	43.14	ng	95
12) 1,3-Dichlorobenzene	6.74	146	359963	41.32	ng	96
13) 1,4-Dichlorobenzene	6.82	146	370126	42.18	ng	97
14) 1,2-Dichlorobenzene	6.82	146	370126	46.38	ng	98
15) Benzyl Alcohol	6.95	79	190892	29.35	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	449849	45.68	ng	94
17) 2-Methylphenol	7.07	107	222556	33.80	ng	98
18) Hexachloroethane	7.31	117	120164	38.59	ng	# 86
19) n-Nitroso-di-n-propylamine	7.23	70	280219	52.69	ng	# 84
20) 3+4-Methylphenols	7.22	107	207595	27.02	ng	# 70
22) Acetophenone	7.22	105	502926	45.75	ng	# 95
24) Nitrobenzene	7.39	77	408245	50.03	ng	94
25) Isophorone	7.63	82	713231	45.71	ng	100
26) 2-Nitrophenol	7.71	139	213112	48.76	ng	# 71
27) 2,4-Dimethylphenol	7.76	122	341616	42.45	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	486692	50.29	ng	98
29) 2,4-Dichlorophenol	7.95	162	315853	47.01	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	295906	40.44	ng	99
31) Naphthalene	8.11	128	1016303	41.75	ng	100
32) Benzoic acid	7.84	122	60026	13.55	ng	96
33) 4-Chloroaniline	8.16	127	294849	27.13	ng	99
34) Hexachlorobutadiene	8.24	225	157394	40.79	ng	97
35) Caprolactam	8.55	113	15988	7.18	ng	# 79
36) 4-Chloro-3-methylphenol	8.65	107	313574	43.64	ng	90
37) 2-Methylnaphthalene	8.81	142	748611	46.66	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	270329	42.89	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	233344	60.69	ng	99

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 QLast Update : Mon Jun 13 01:05:20 2016
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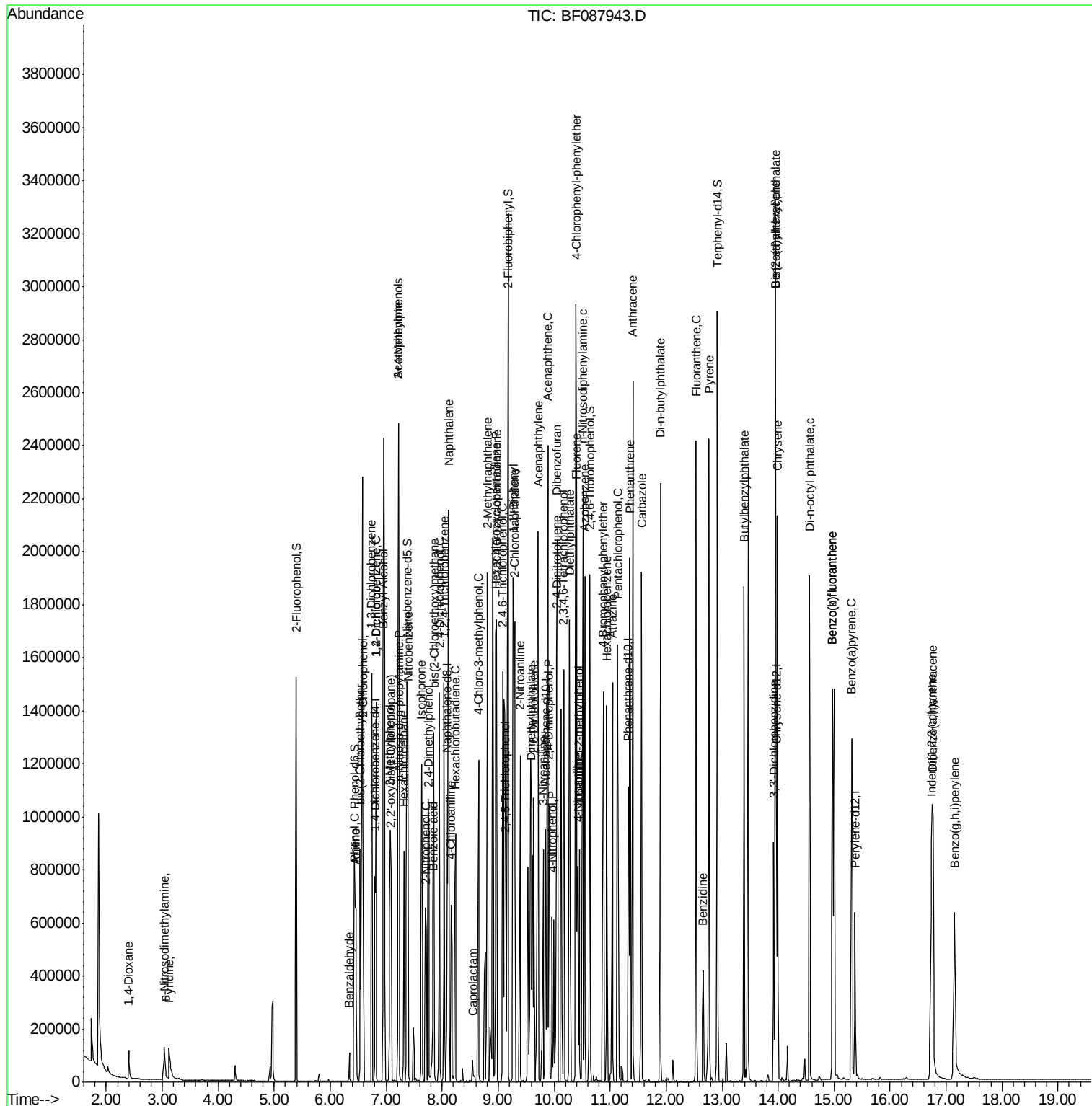
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	222142	46.60	ng	97
43) 2,4,5-Trichlorophenol	9.13	196	205028	41.34	ng	96
45) 1,1'-Biphenyl	9.27	154	833535	46.84	ng	99
46) 2-Chloronaphthalene	9.29	162	663072	42.99	ng	99
47) 2-Nitroaniline	9.39	65	223416	49.10	ng	# 85
48) Acenaphthylene	9.71	152	1137456	46.36	ng	99
49) Dimethylphthalate	9.59	163	854942	49.52	ng	99
50) 2,6-Dinitrotoluene	9.63	165	184291	46.61	ng	# 58
51) Acenaphthene	9.88	154	758544	49.56	ng	99
52) 3-Nitroaniline	9.80	138	158957	34.84	ng	88
53) 2,4-Dinitrophenol	9.91	184	145540	69.56	ng	96
54) Dibenzofuran	10.06	168	987626	46.86	ng	94
55) 4-Nitrophenol	9.96	139	104451	29.49	ng	88
56) 2,4-Dinitrotoluene	10.04	165	258309	50.83	ng	92
57) Fluorene	10.40	166	728163	51.86	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	180539	46.33	ng	# 53
59) Diethylphthalate	10.27	149	752227	43.04	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	280959	40.08	ng	98
61) 4-Nitroaniline	10.42	138	205665	47.52	ng	97
62) Azobenzene	10.55	77	789395	45.67	ng	98
64) 4,6-Dinitro-2-methylphenol	10.44	198	106553	40.39	ng	96
65) n-Nitrosodiphenylamine	10.51	169	703177	49.70	ng	98
66) 4-Bromophenyl-phenylether	10.88	248	221310	48.38	ng	98
67) Hexachlorobenzene	10.94	284	207276	43.61	ng	94
68) Atrazine	11.04	200	175178	40.89	ng	93
69) Pentachlorophenol	11.13	266	235043	93.81	ng	96
70) Phenanthrene	11.35	178	1064962	47.60	ng	100
71) Anthracene	11.40	178	1003819	44.48	ng	99
72) Carbazole	11.56	167	1114589	52.77	ng	99
73) Di-n-butylphthalate	11.90	149	1135286	42.46	ng	100
74) Fluoranthene	12.54	202	979760	41.49	ng	99
76) Benzidine	12.66	184	209132	24.85	ng	97
77) Pyrene	12.77	202	1037962	46.02	ng	100
79) Butylbenzylphthalate	13.39	149	551959	55.36	ng	98
80) Benzo(a)anthracene	13.95	228	747721	43.17	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	204839	43.98	ng	# 99
82) Chrysene	13.99	228	747917	45.90	ng	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	568491	46.84	ng	# 98
84) Di-n-octyl phthalate	14.56	149	1023415	51.89	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.74	276	754542	49.84	ng	# 100
87) Benzo(b)fluoranthene	14.97	252	725353	40.35	ng	# 96
88) Benzo(k)fluoranthene	14.97	252	725353	53.49	ng	99
89) Benzo(a)pyrene	15.31	252	686979	47.24	ng	99
90) Dibenzo(a,h)anthracene	16.77	278	627236	46.44	ng	99
91) Benzo(g,h,i)perylene	17.15	276	616285	44.35	ng	99

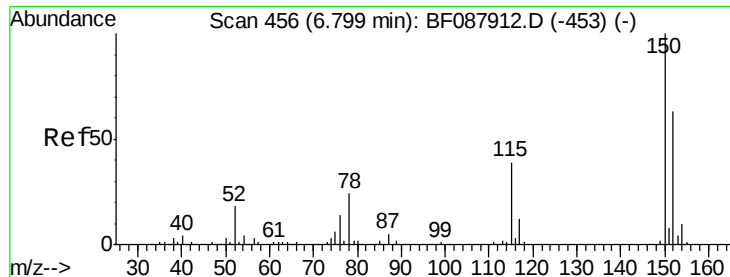
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061116\  
Data File : BF087943.D  
Acq On    : 12 Jun 2016   12:12  
Operator  : UM/SJ  
Sample    : H3425-06MS  
Misc      :  
ALS Vial  : 42      Sample Multiplier: 1
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Instrument :
BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 01:05:20 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MS

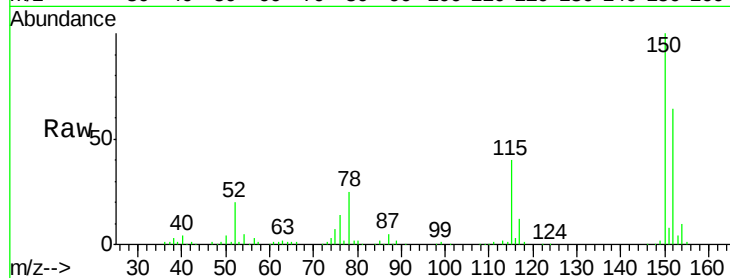
Tgt Ion:152 Resp: 117272

Ion Ratio Lower Upper

152 100

150 157.2 123.8 185.6

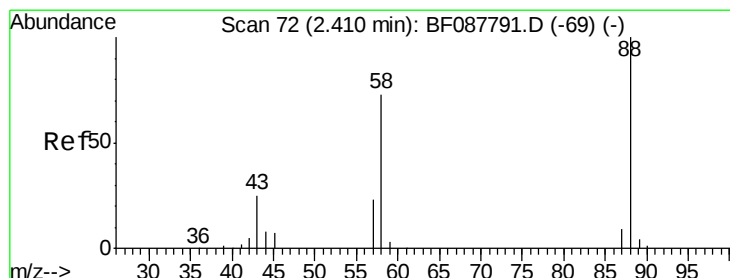
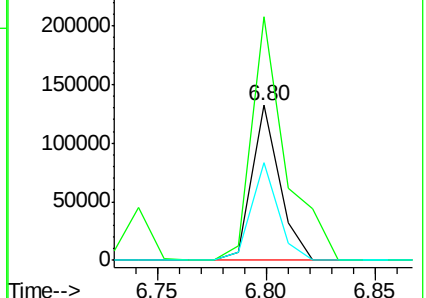
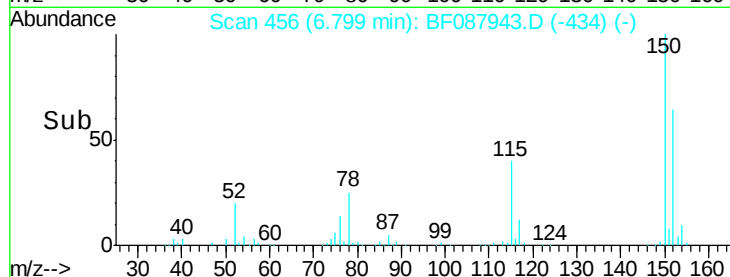
115 62.9 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 15.03 ng

RT: 2.40 min Scan# 71

Delta R.T. -0.01 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

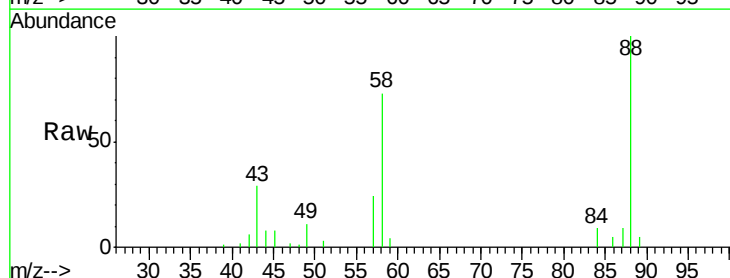
Tgt Ion: 88 Resp: 50100

Ion Ratio Lower Upper

88 100

58 73.2 0.0 0.0#

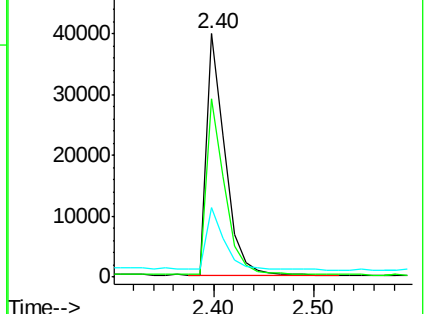
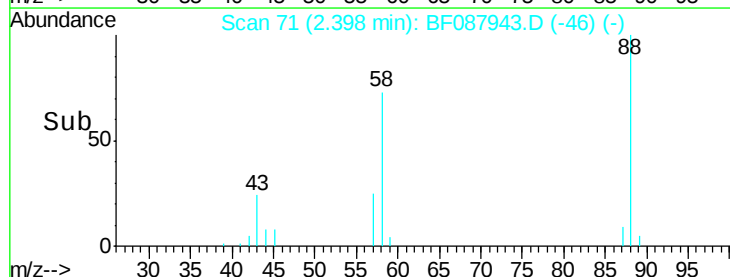
43 26.3 3.4 5.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

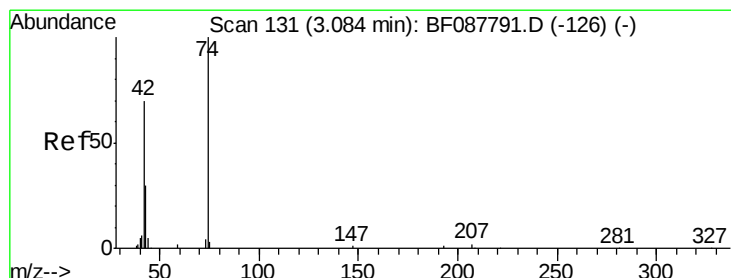
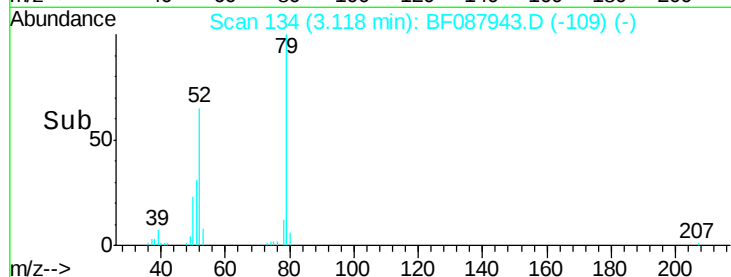
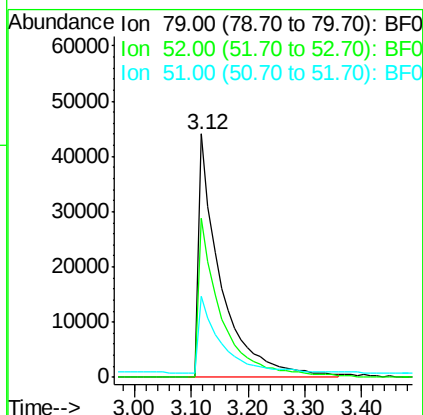
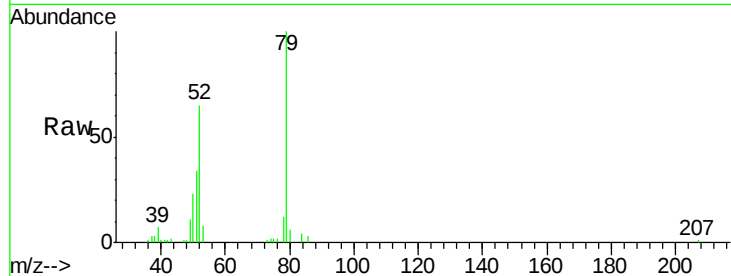




#3
 Pyridine
 Concen: 14.93 ng
 RT: 3.12 min Scan# 134
 Delta R.T. -0.01 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

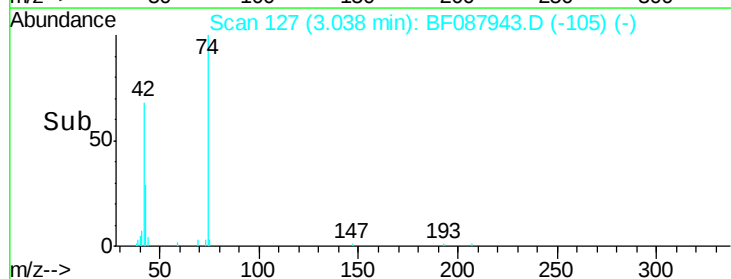
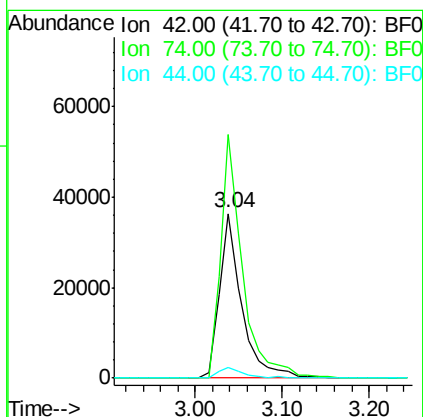
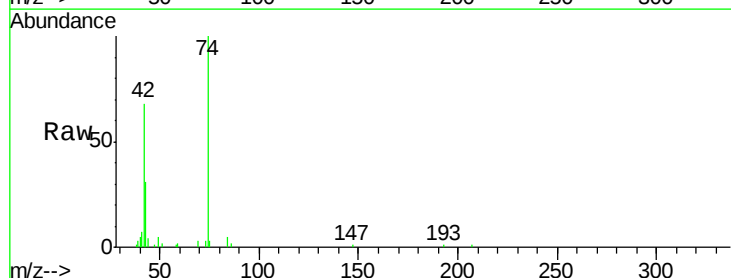
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

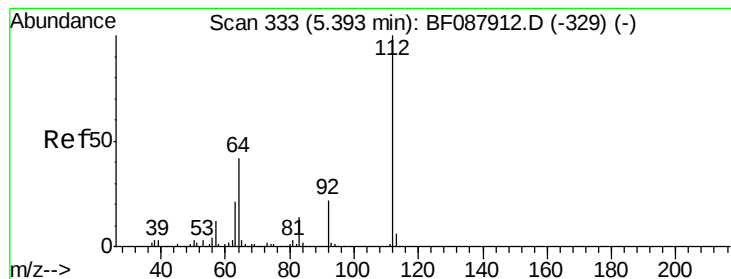
Tgt Ion: 79 Resp: 117484
 Ion Ratio Lower Upper
 79 100
 52 65.2 56.3 84.5
 51 33.5 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 19.63 ng
 RT: 3.04 min Scan# 127
 Delta R.T. -0.05 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

Tgt Ion: 42 Resp: 65433
 Ion Ratio Lower Upper
 42 100
 74 147.7 108.6 163.0
 44 6.5 5.5 8.3





#5

2-Fluorophenol

Concen: 61.37 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MS

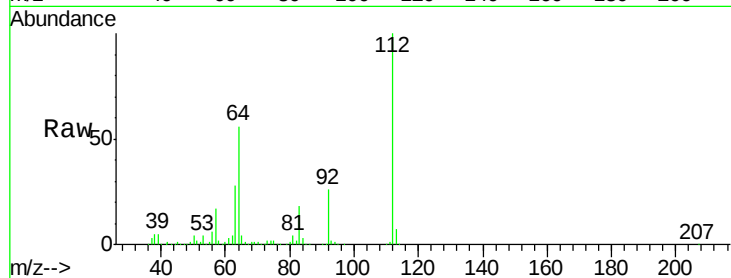
Tgt Ion: 112 Resp: 420982

Ion Ratio Lower Upper

112 100

64 56.1 42.2 63.2

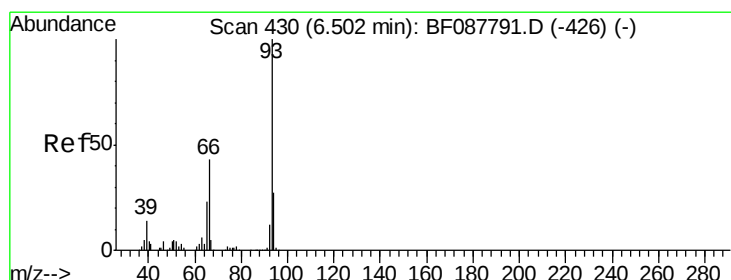
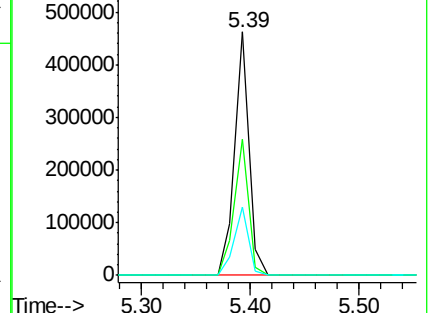
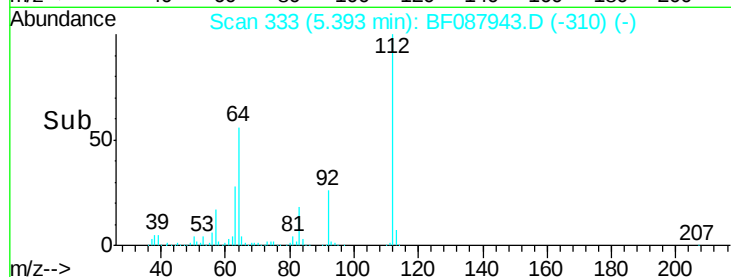
63 28.3 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.80 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

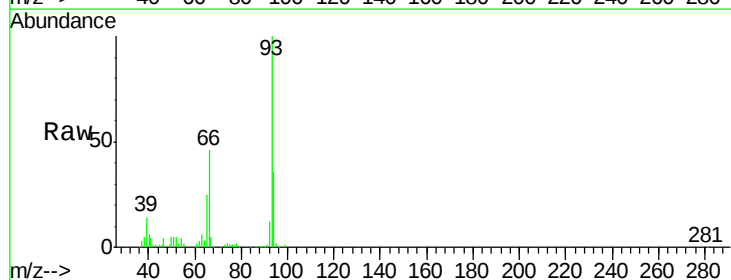
Tgt Ion: 93 Resp: 269818

Ion Ratio Lower Upper

93 100

66 45.7 29.8 44.8#

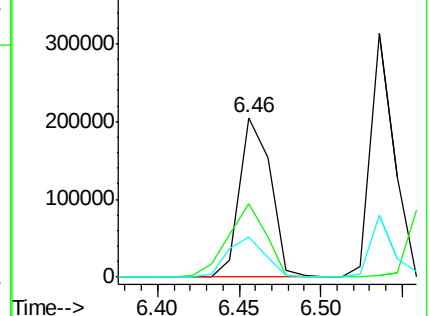
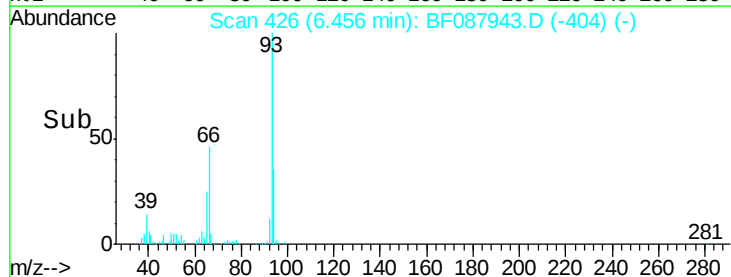
65 24.9 14.9 22.3#

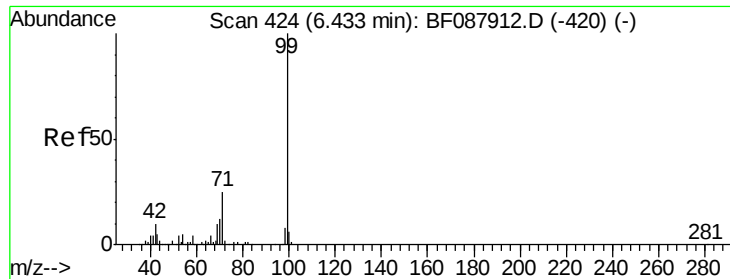


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 42.35 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

Instrument :

BNA_F

ClientSampleId :

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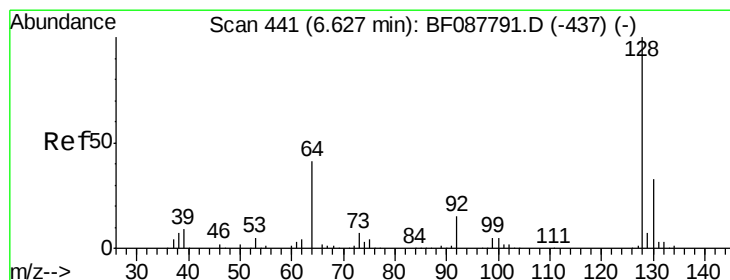
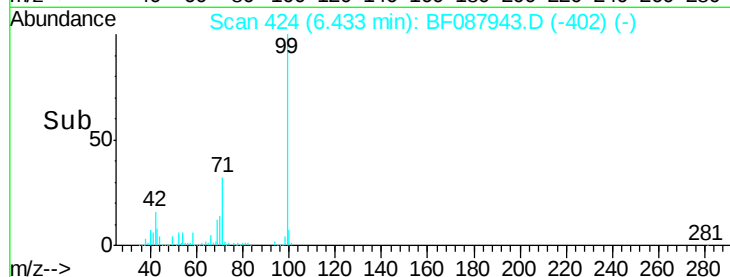
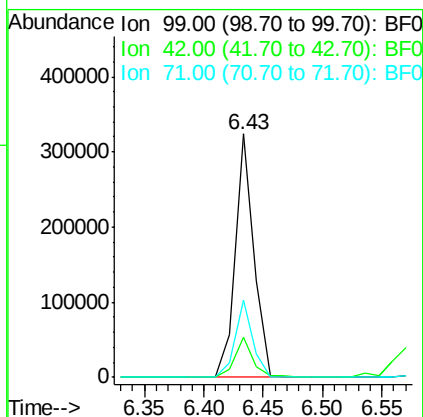
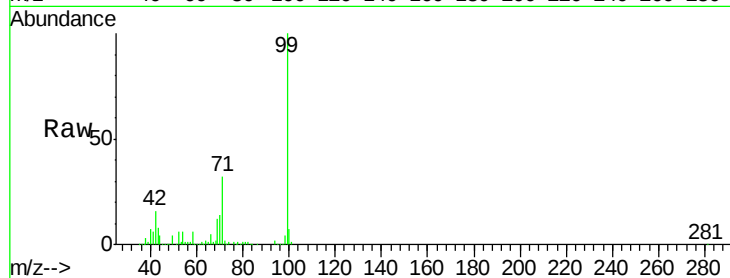
Tgt Ion: 99 Resp: 352120

Ion Ratio Lower Upper

99 100

42 16.4 12.2 18.2

71 31.6 23.4 35.0



#8

2-Chlorophenol

Concen: 36.89 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.05 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

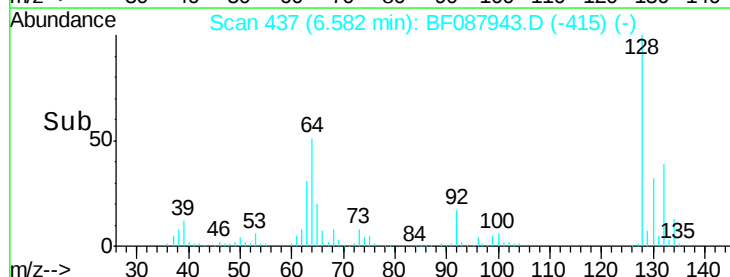
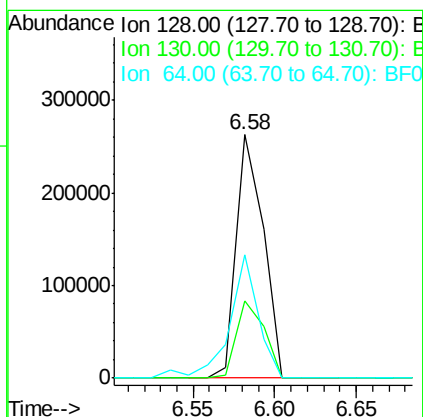
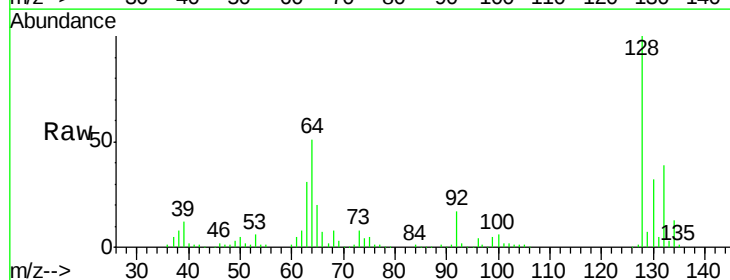
Tgt Ion: 128 Resp: 299533

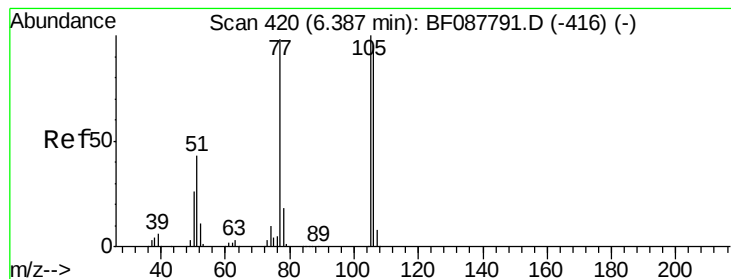
Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

64 50.6 30.8 70.8





#9

Benzaldehyde

Concen: 3.26 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

Instrument :

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ClientSampleId :

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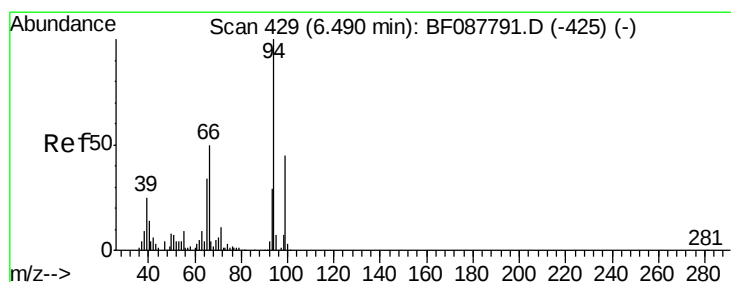
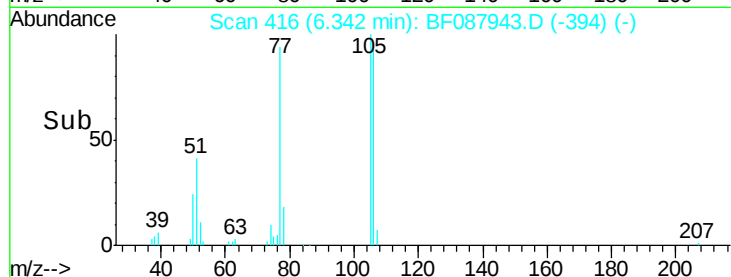
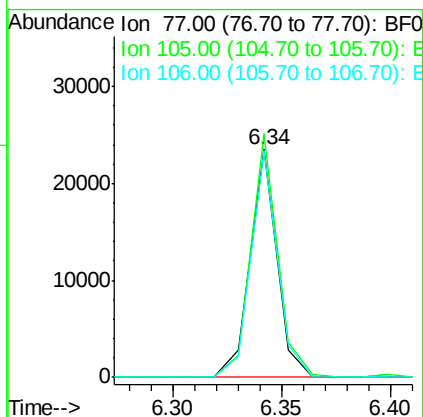
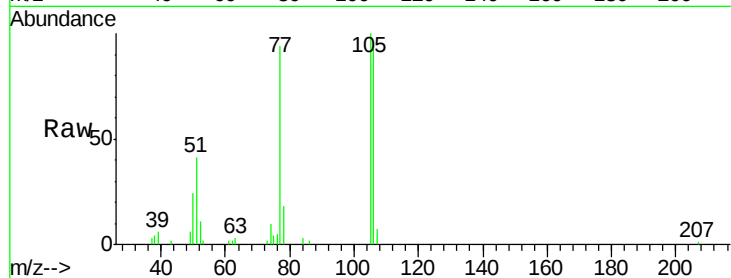
Tgt Ion: 77 Resp: 19967

Ion Ratio Lower Upper

77 100

105 106.8 90.6 130.6

106 99.7 85.3 125.3



#10

Phenol

Concen: 14.81 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.05 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

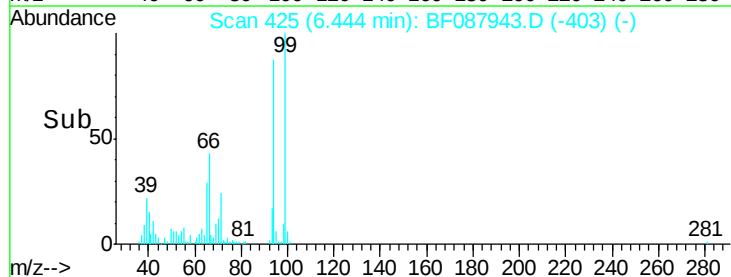
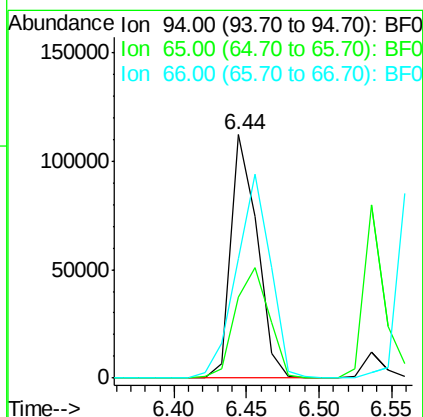
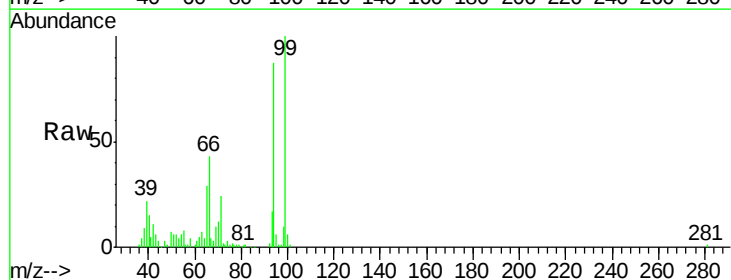
Tgt Ion: 94 Resp: 141477

Ion Ratio Lower Upper

94 100

65 33.3 5.9 45.9

66 48.9 14.0 54.0

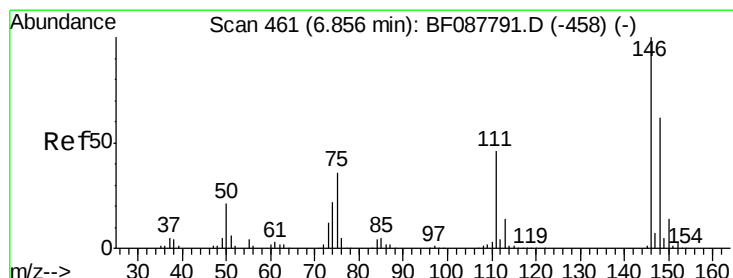
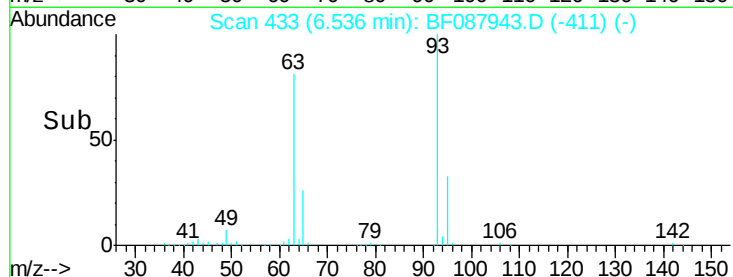
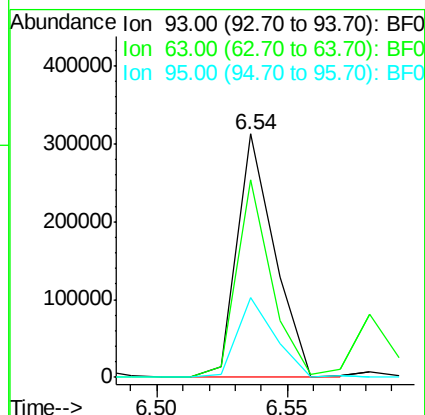
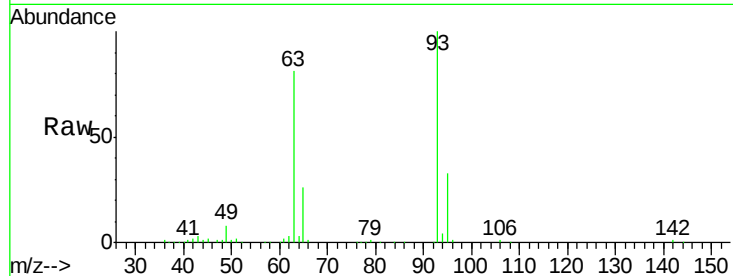




#11
 bis(2-Chloroethyl)ether
 Concen: 43.14 ng
 RT: 6.54 min Scan# 433
 Delta R.T. -0.05 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

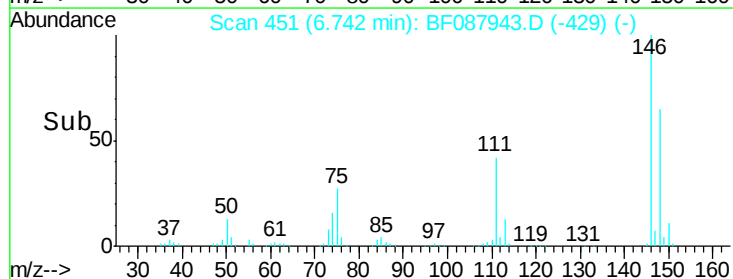
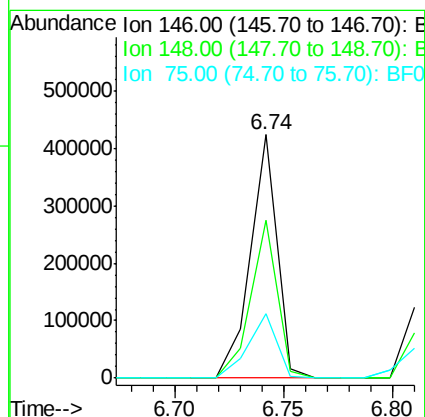
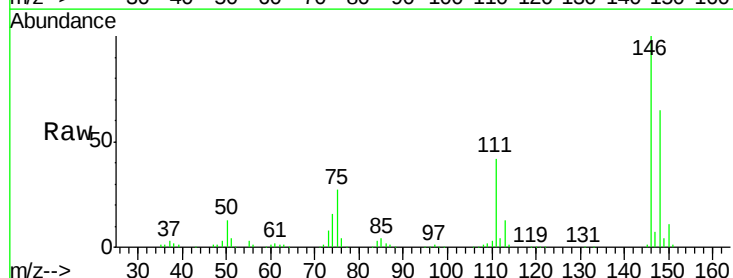
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

Tgt Ion: 93 Resp: 314480
 Ion Ratio Lower Upper
 93 100
 63 81.1 67.6 107.6
 95 32.8 12.5 52.5



#12
 1,3-Dichlorobenzene
 Concen: 41.32 ng
 RT: 6.74 min Scan# 451
 Delta R.T. -0.05 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

Tgt Ion: 146 Resp: 359963
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.9 76.3
 75 26.5 25.6 38.4

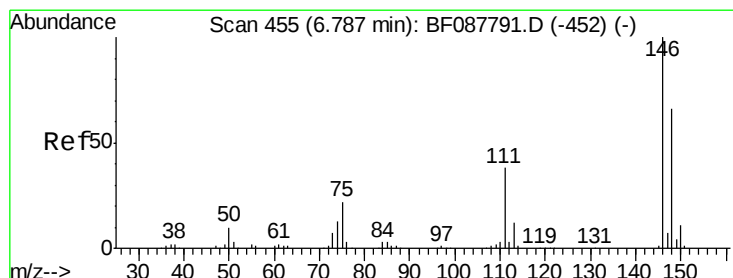
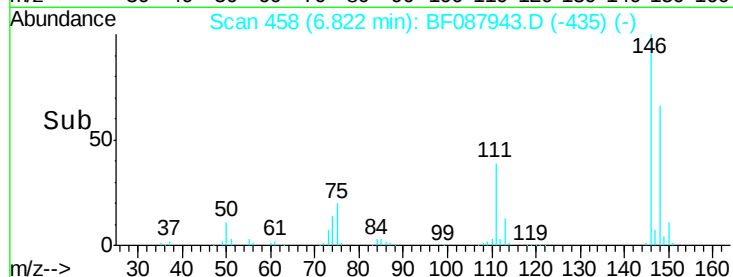
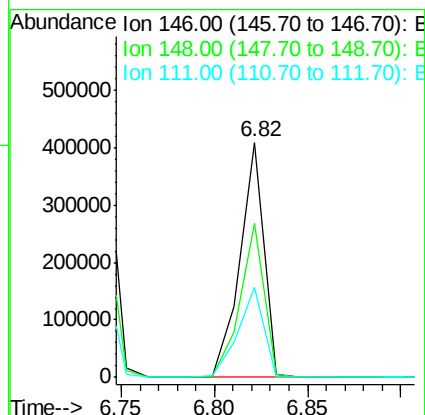
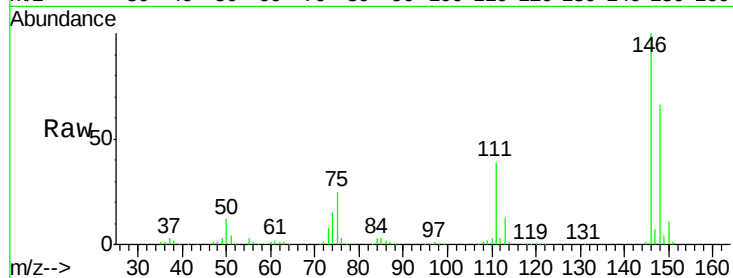




#13
 1,4-Dichlorobenzene
 Concen: 42.18 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.03 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

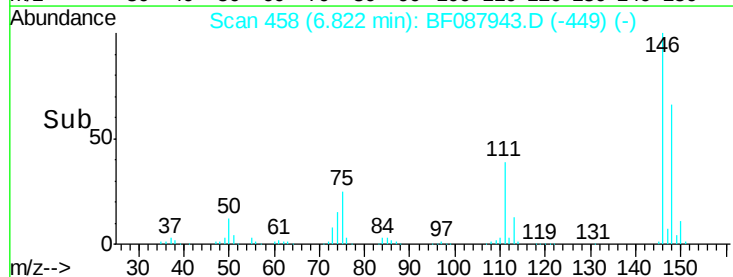
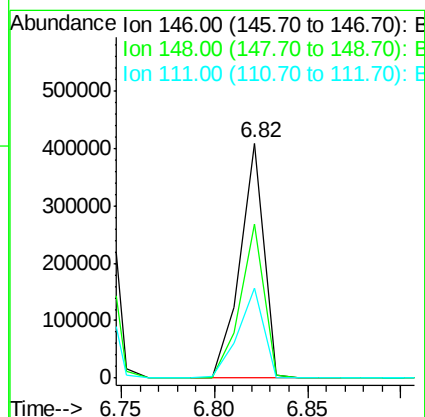
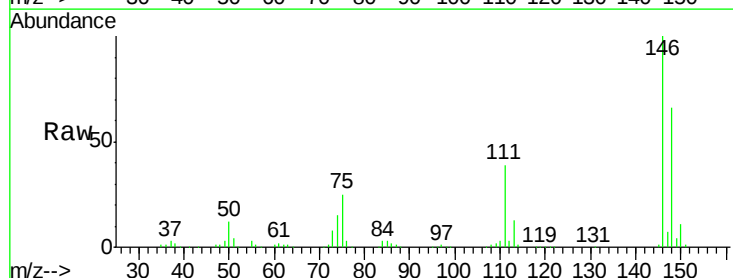
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

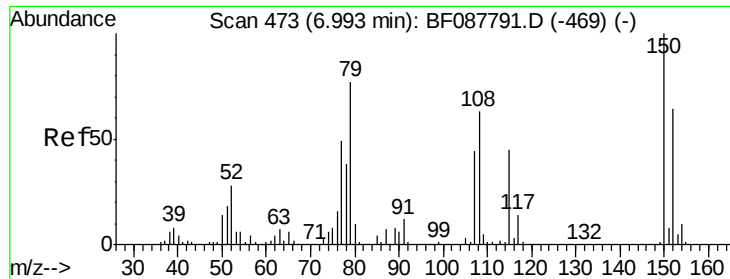
Tgt Ion:146 Resp: 370126
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.0 78.0
 111 38.6 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 46.38 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.19 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

Tgt Ion:146 Resp: 370126
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.3 78.5
 111 38.6 28.7 43.1

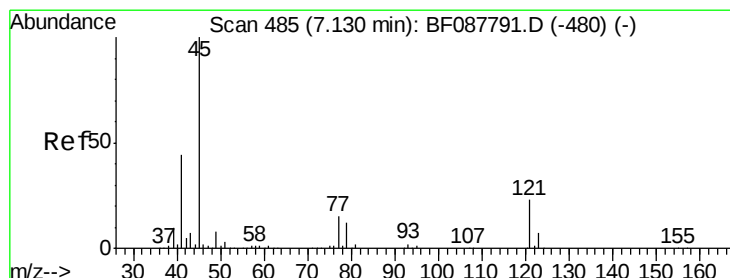
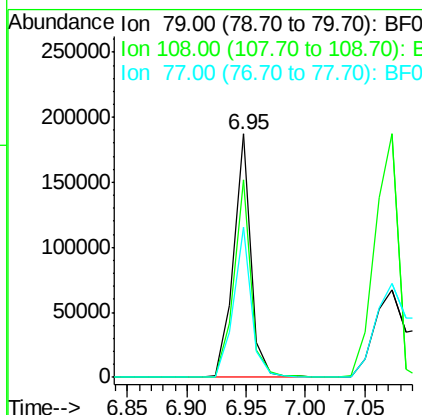
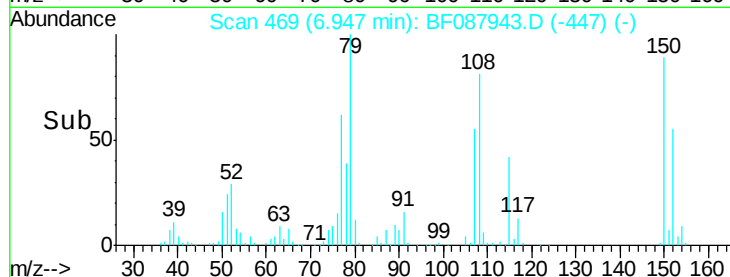
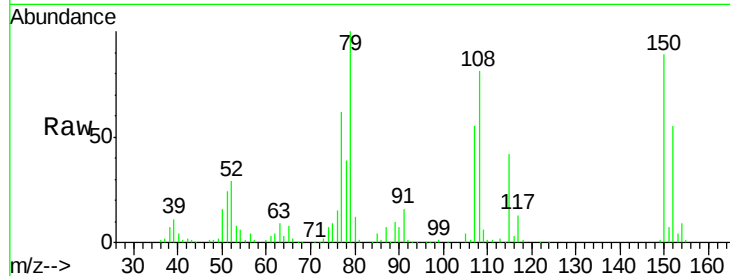




#15
Benzyl Alcohol
Concen: 29.35 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.05 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

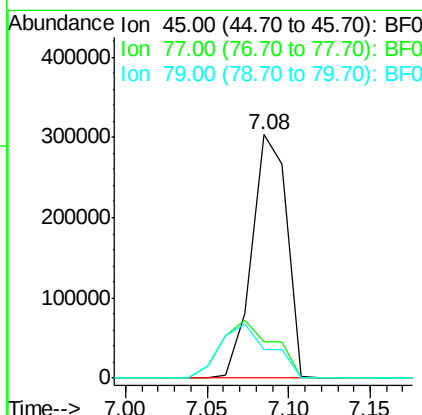
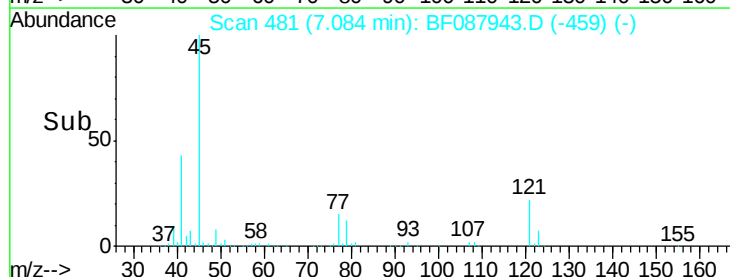
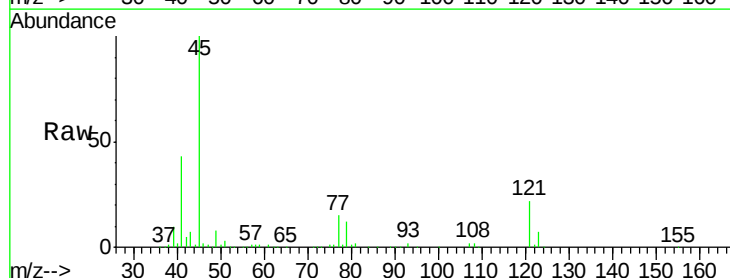
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

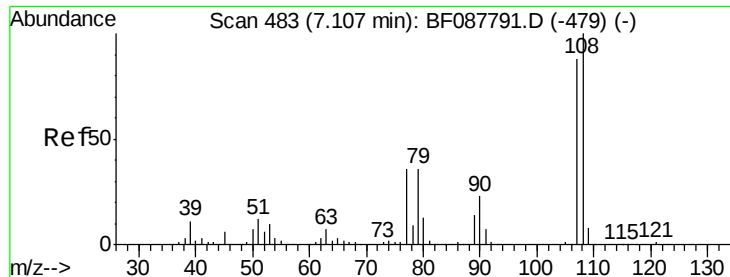
Tgt Ion: 79 Resp: 190892
Ion Ratio Lower Upper
79 100
108 81.0 65.0 97.6
77 61.9 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.68 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.05 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

Tgt Ion: 45 Resp: 449849
Ion Ratio Lower Upper
45 100
77 15.1 0.0 32.5
79 11.6 0.0 29.5

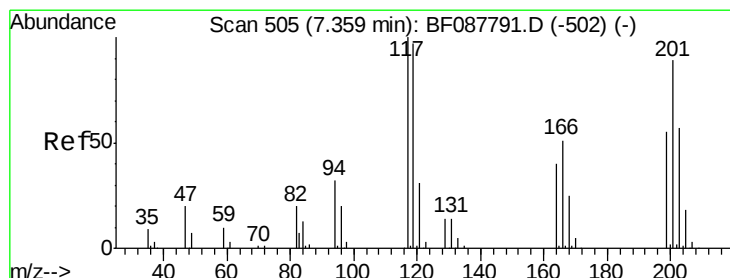
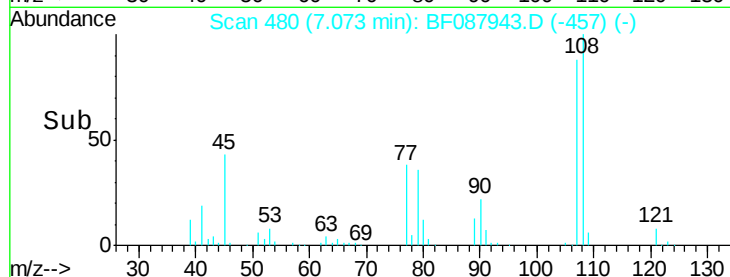
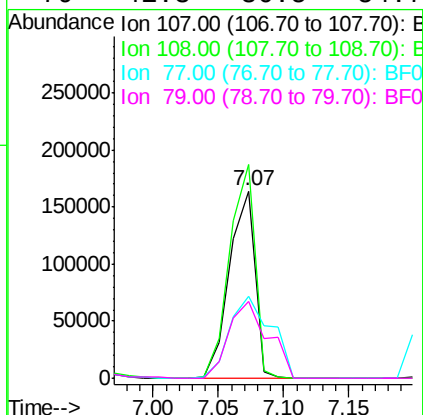
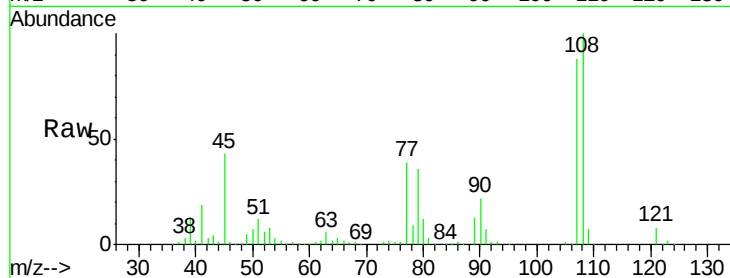




#17
2-Methylphenol
Concen: 33.80 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.03 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

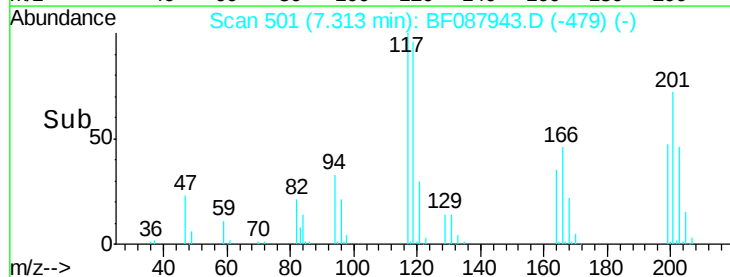
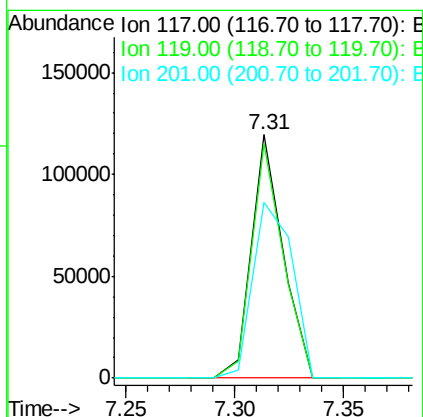
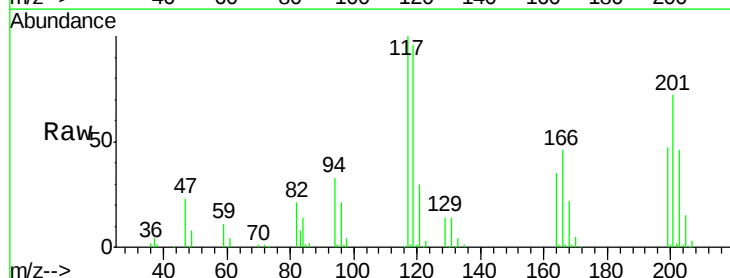
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

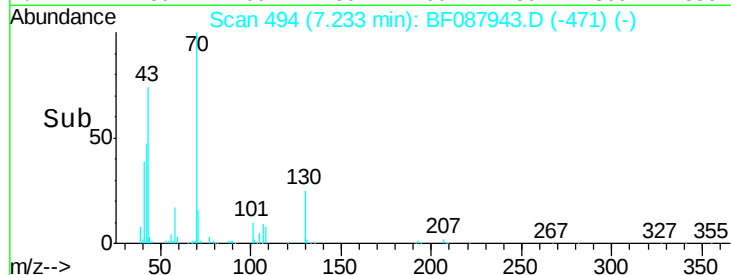
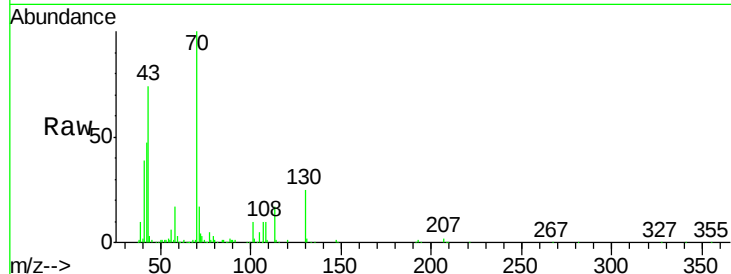
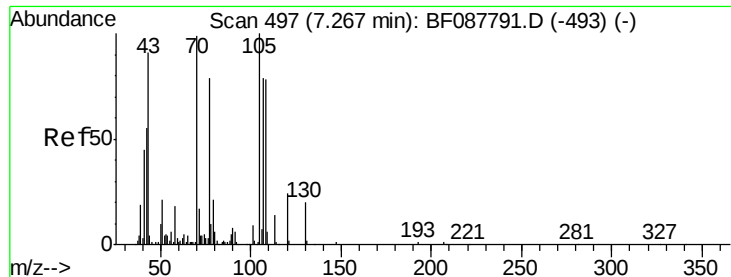
Tgt Ion:107 Resp: 222556
Ion Ratio Lower Upper
107 100
108 114.2 90.9 136.3
77 44.0 36.6 55.0
79 41.3 36.5 54.7



#18
Hexachloroethane
Concen: 38.59 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

Tgt Ion:117 Resp: 120164
Ion Ratio Lower Upper
117 100
119 96.4 77.4 116.2
201 72.5 80.4 120.6#

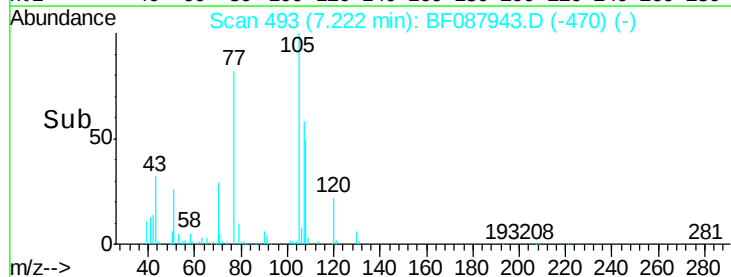
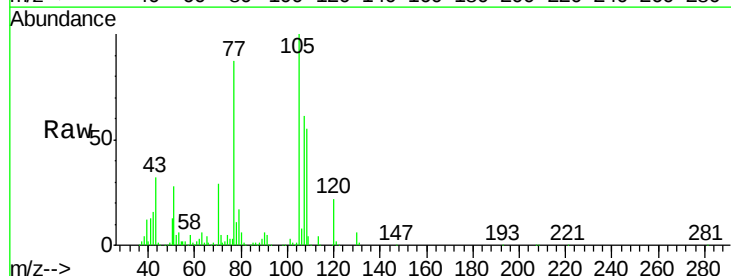
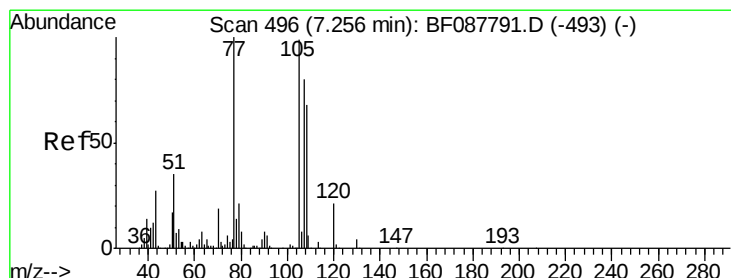
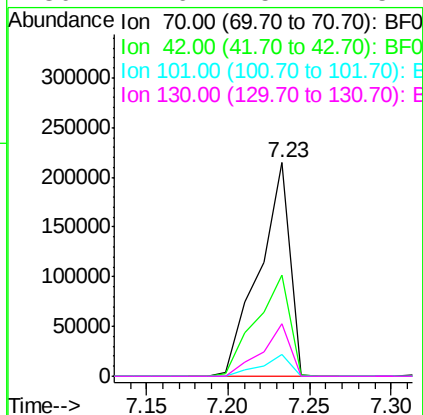




#19
n-Nitroso-di-n-propylamine
Concen: 52.69 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.03 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

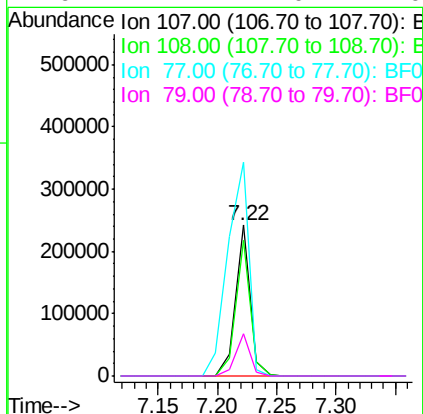
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

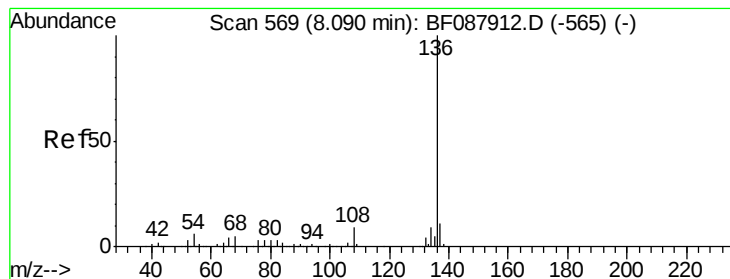
Tgt Ion:	70	Resp:	280219
Ion	Ratio	Lower	Upper
70	100		
42	47.2	49.6	74.4#
101	10.1	7.1	10.7
130	24.6	15.4	23.2#



#20
3+4-Methylphenols
Concen: 27.02 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

Tgt Ion:	107	Resp:	207595
Ion	Ratio	Lower	Upper
107	100		
108	89.9	67.8	107.8
77	141.8	59.3	99.3#
79	27.7	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MS

Tgt Ion:136 Resp: 491899

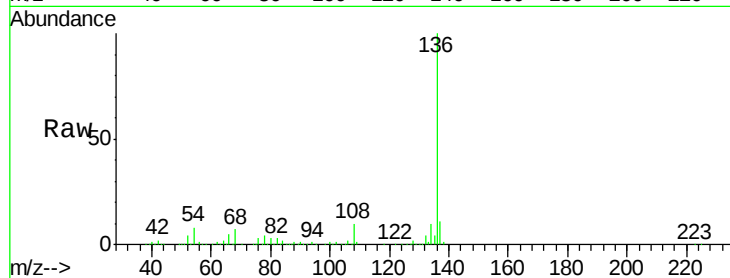
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.8 6.6 10.0

68 6.6 5.1 7.7

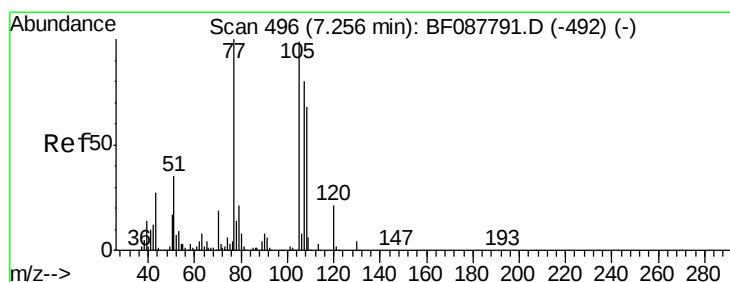
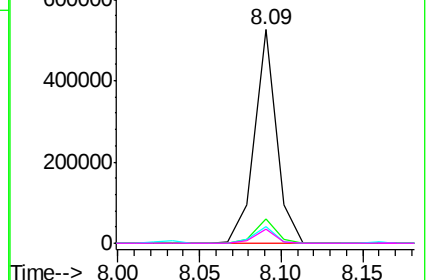
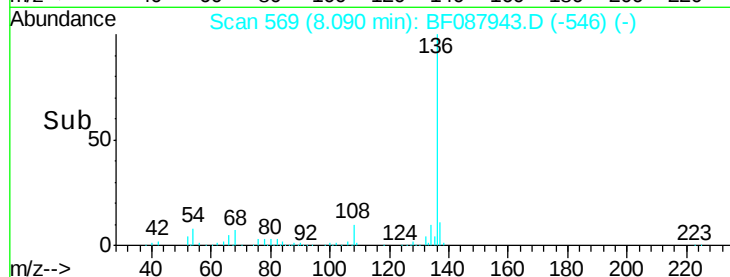


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.75 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

Tgt Ion:105 Resp: 502926

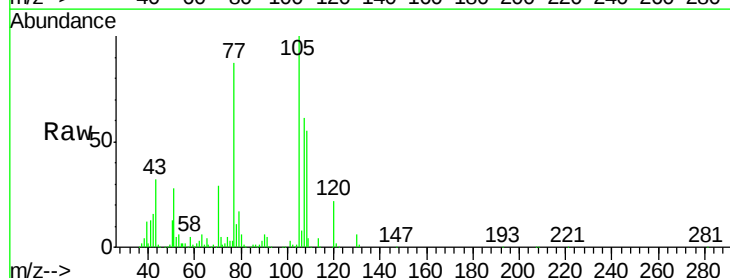
Ion Ratio Lower Upper

105 100

71 4.8 5.3 7.9#

51 27.5 18.2 27.4#

120 22.2 18.0 27.0

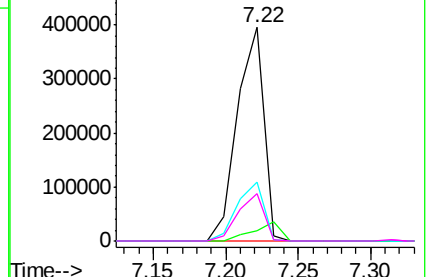
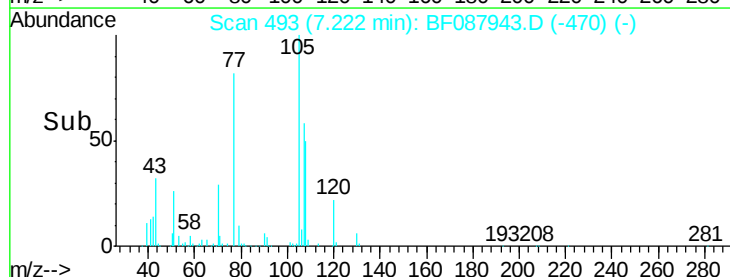


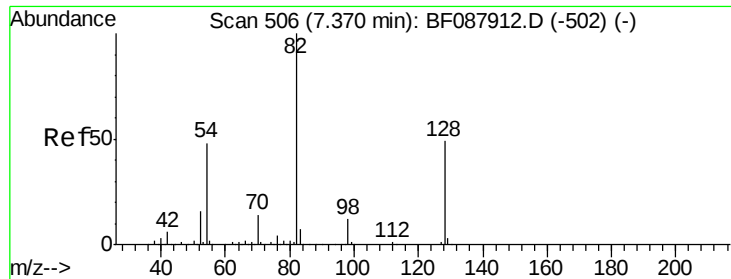
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

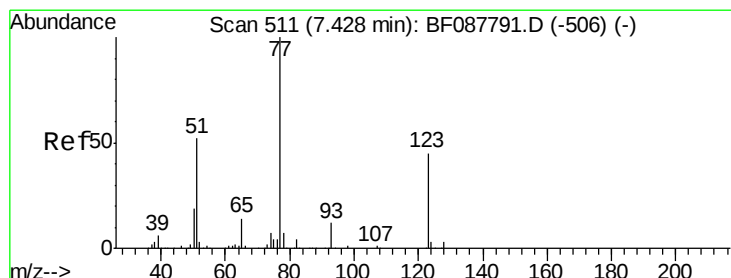
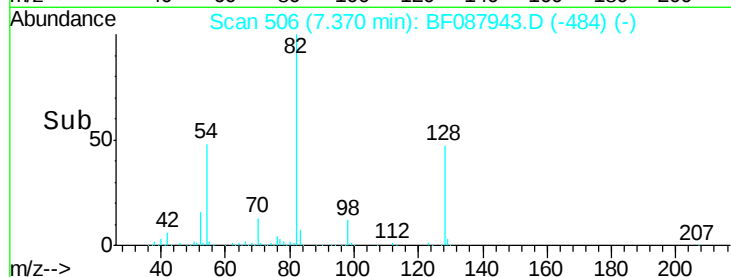
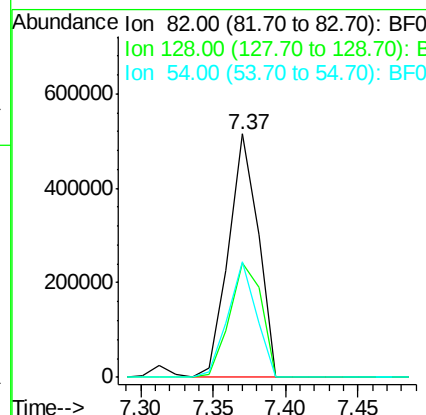
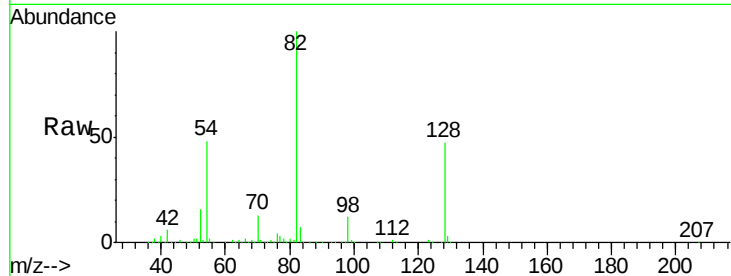




#23
 Nitrobenzene-d5
 Concen: 86.67 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

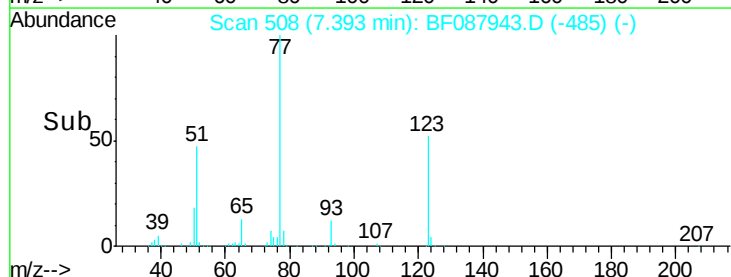
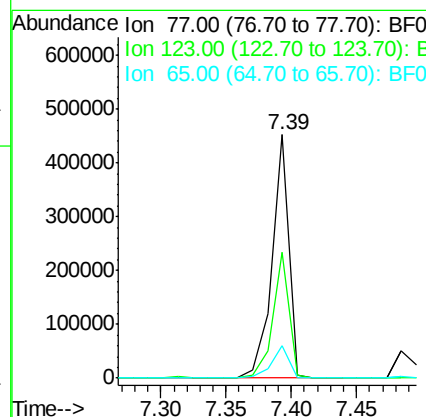
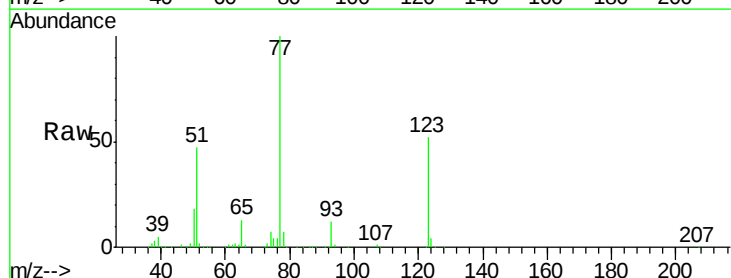
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.1	35.9	53.9
54	47.5	40.9	61.3



#24
 Nitrobenzene
 Concen: 50.03 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.5	45.0	67.4
65	13.4	10.2	15.2





#25

Isophorone

Concen: 45.71 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.05 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MS

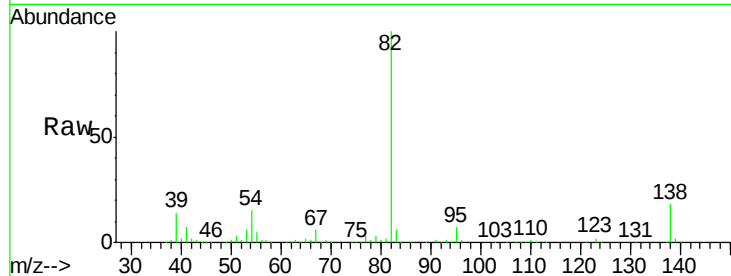
Tgt Ion: 82 Resp: 713231

Ion Ratio Lower Upper

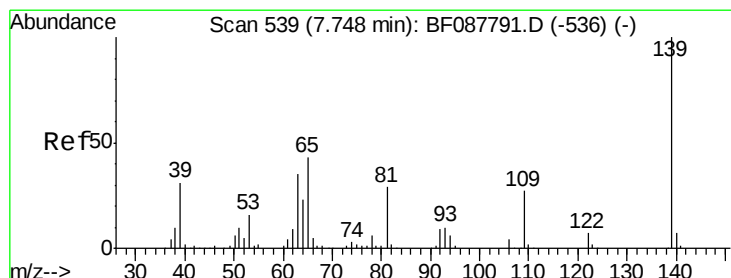
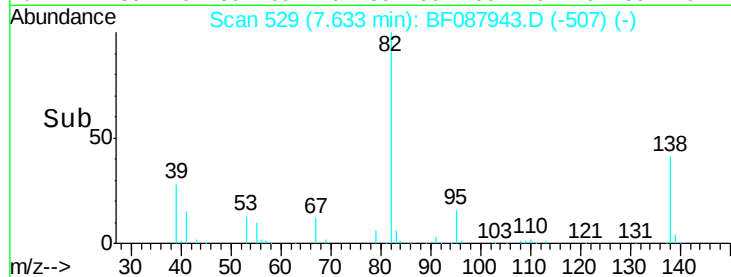
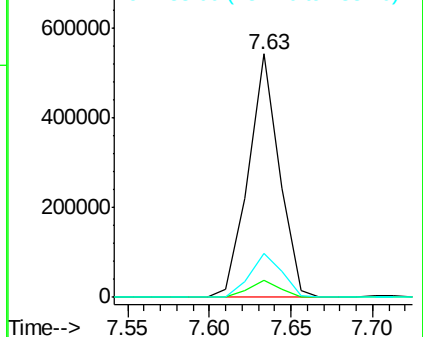
82 100

95 6.9 5.4 8.2

138 18.3 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 48.76 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

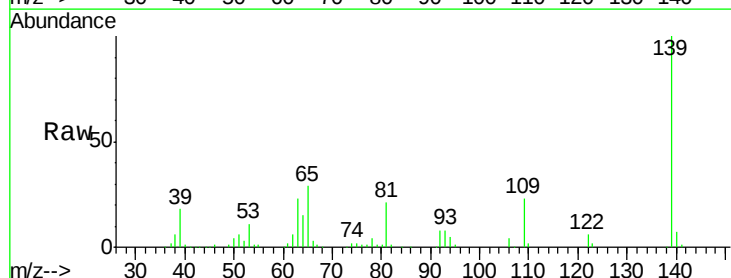
Tgt Ion: 139 Resp: 213112

Ion Ratio Lower Upper

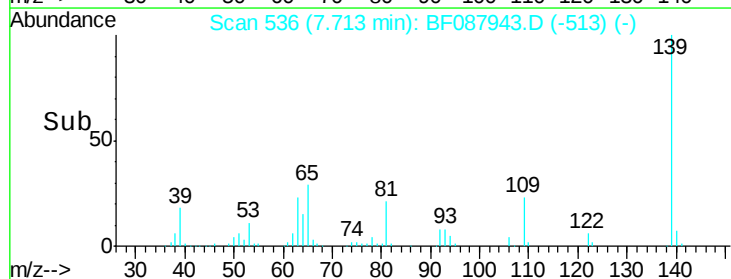
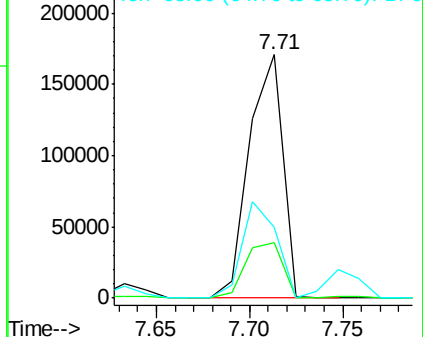
139 100

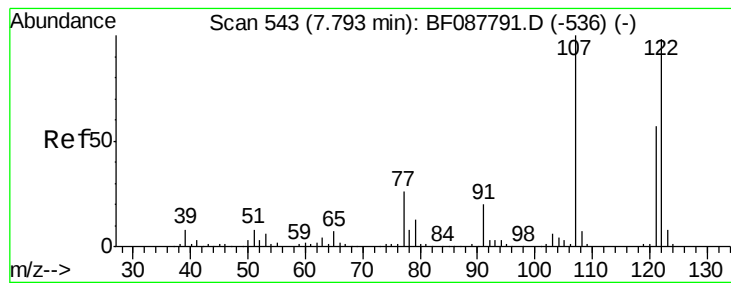
109 22.5 23.0 34.4#

65 29.0 45.8 68.8#



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





#27

2,4-Dimethylphenol

Concen: 42.45 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MS

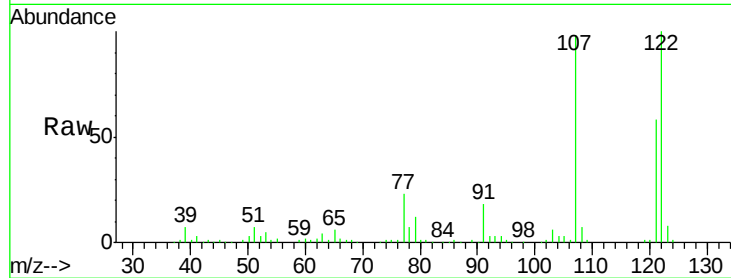
Tgt Ion: 122 Resp: 341616

Ion Ratio Lower Upper

122 100

107 98.3 82.4 123.6

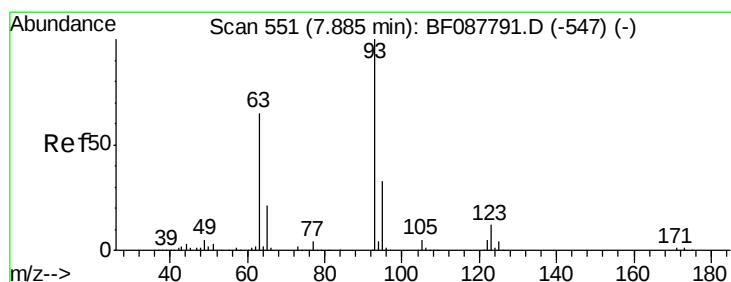
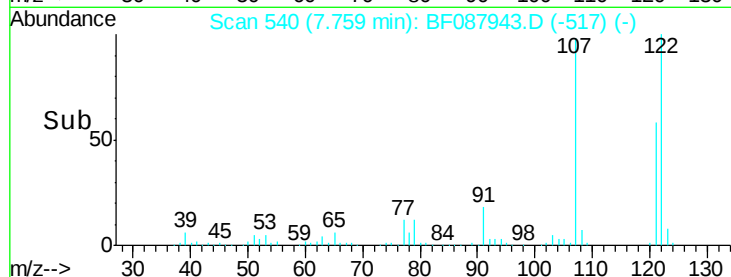
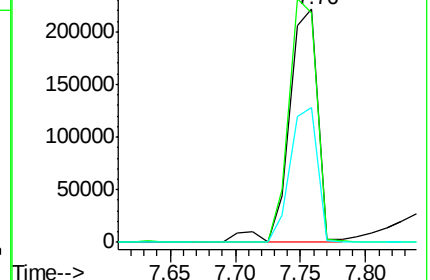
121 57.8 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.29 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

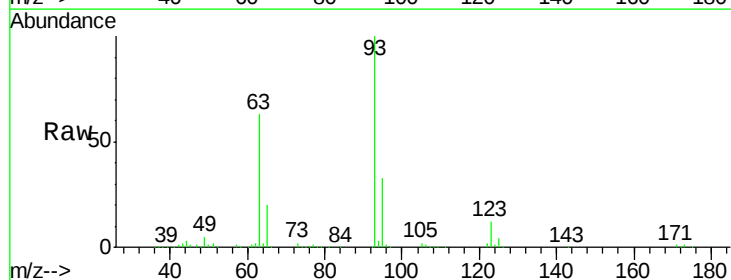
Tgt Ion: 93 Resp: 486692

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

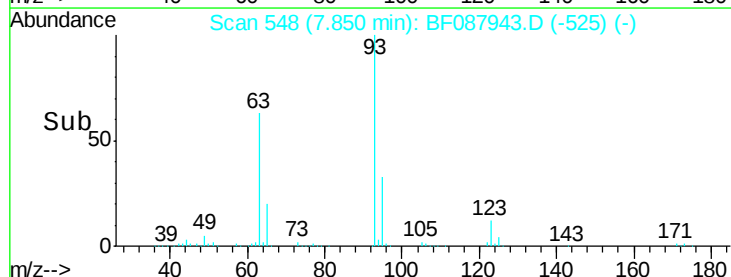
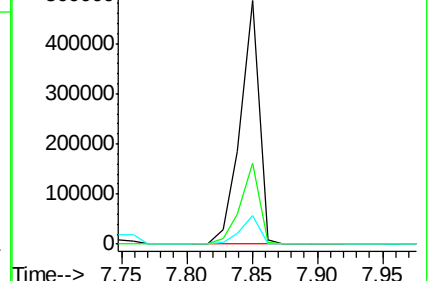
123 11.7 11.6 17.4

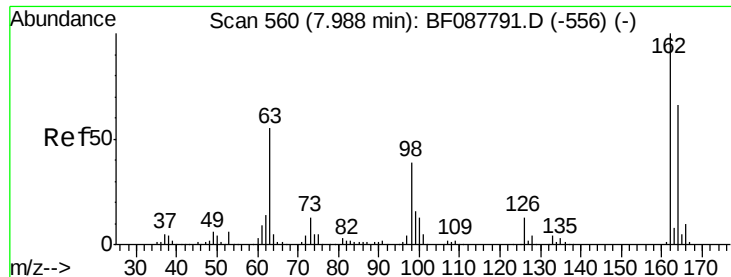


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

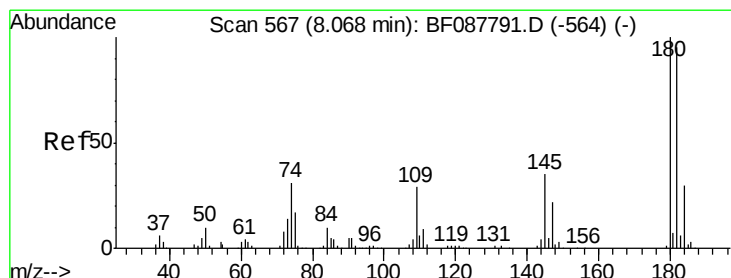
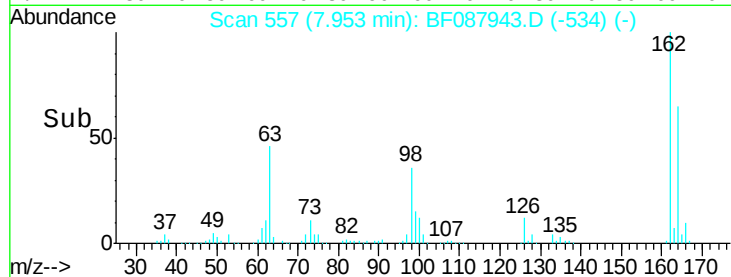
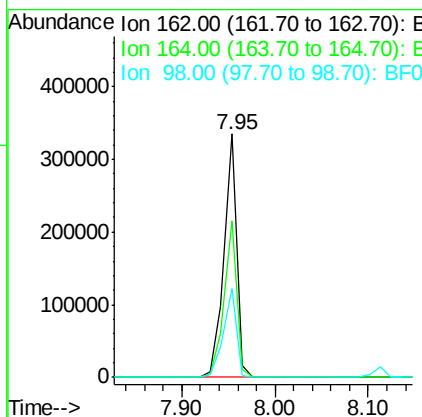
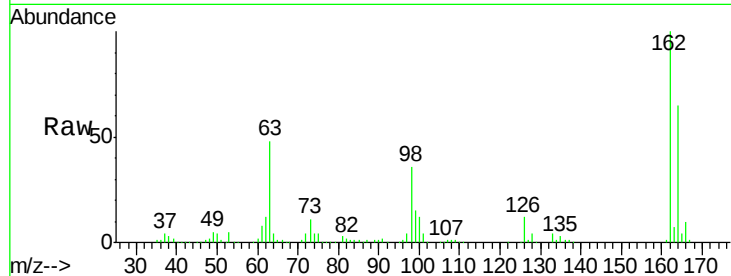




#29
 2,4-Dichlorophenol
 Concen: 47.01 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

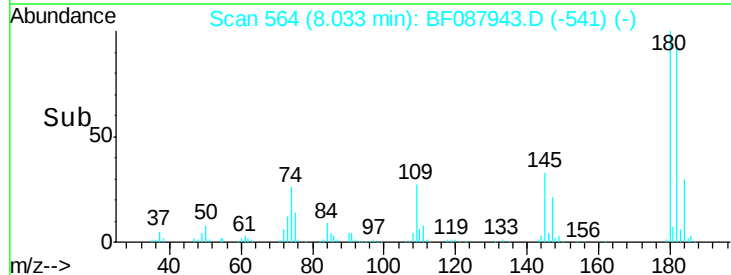
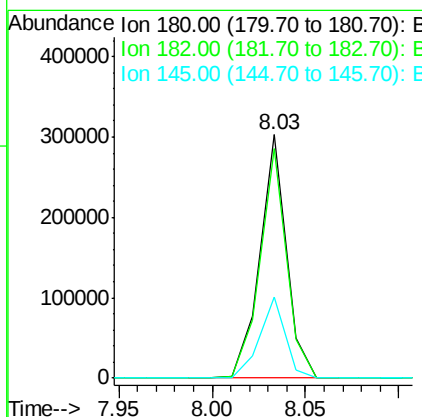
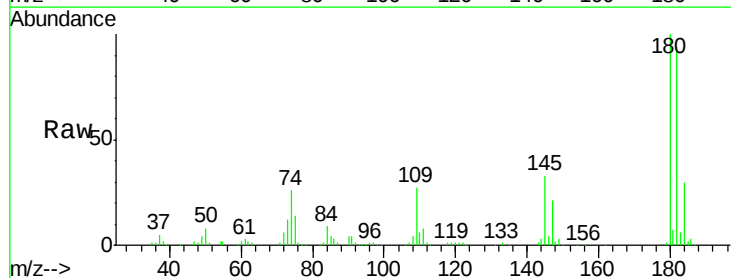
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

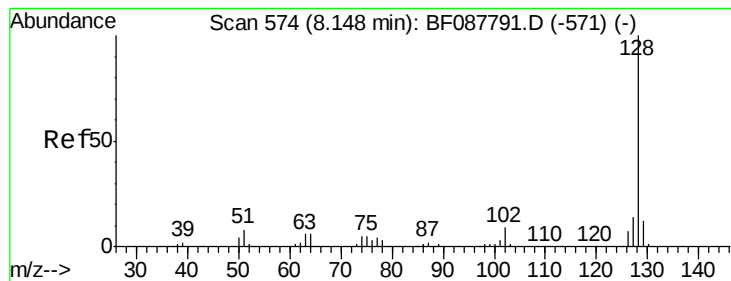
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.8	83.8
98	36.2	21.3	61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.44 ng
 RT: 8.03 min Scan# 564
 Delta R.T. -0.03 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.0	114.0
145	33.0	26.5	39.7





#31

Naphthalene

Concen: 41.75 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MS

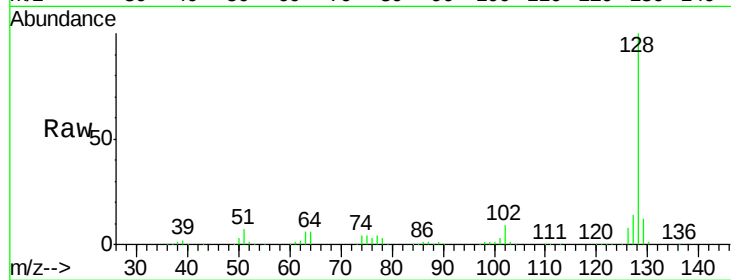
Tgt Ion:128 Resp: 1016303

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

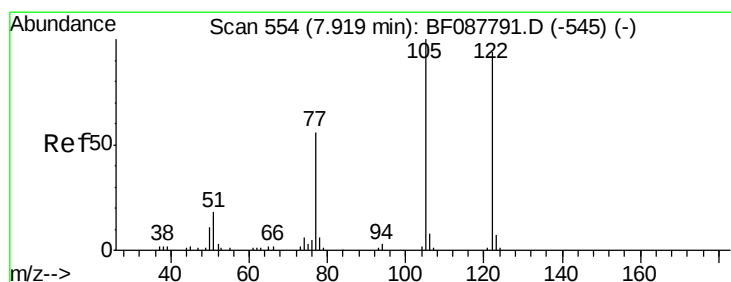
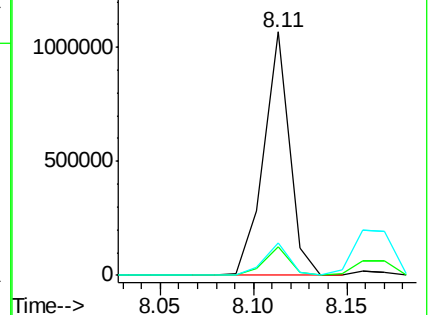
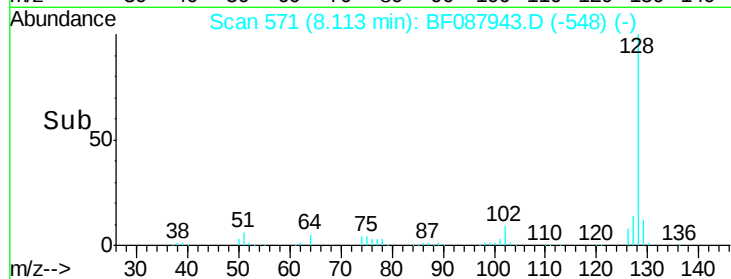
127 13.6 10.9 16.3



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: 13.55 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.08 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

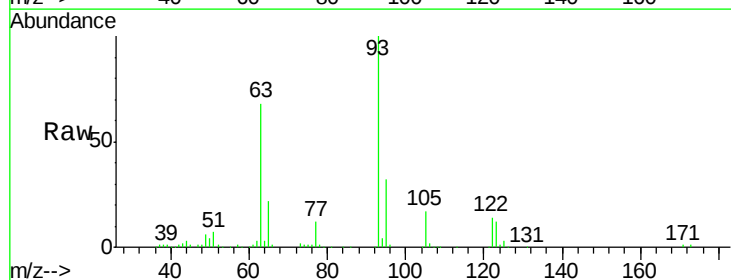
Tgt Ion:122 Resp: 60026

Ion Ratio Lower Upper

122 100

105 117.2 101.6 141.6

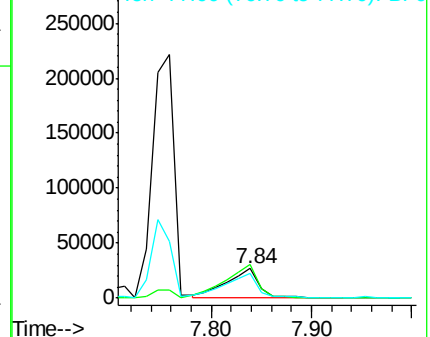
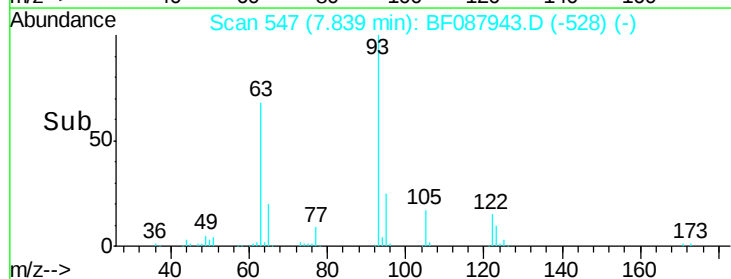
77 86.0 70.6 110.6

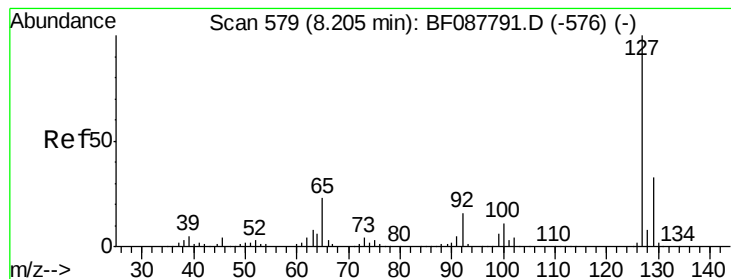


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 27.13 ng

RT: 8.16 min Scan# 575

Delta R.T. -0.05 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MS

Tgt Ion:127 Resp: 294849

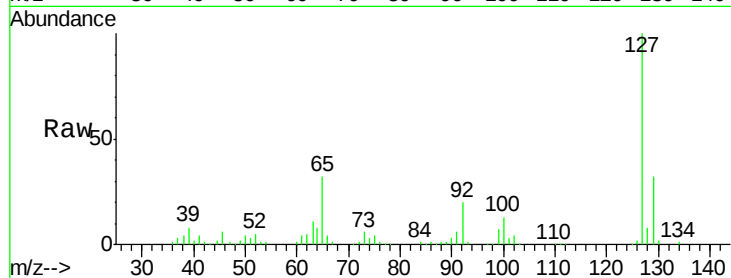
Ion Ratio Lower Upper

127 100

129 32.3 26.3 39.5

65 32.2 24.7 37.1

92 19.6 15.4 23.0

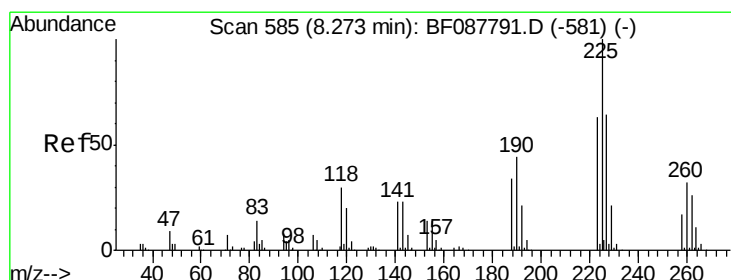
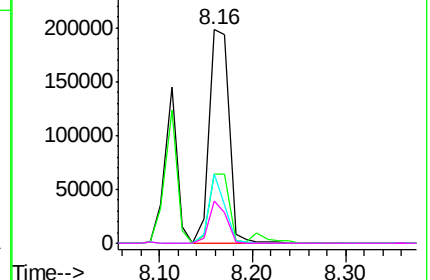
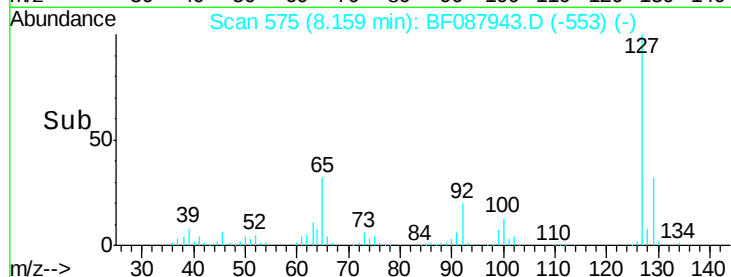


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.79 ng

RT: 8.24 min Scan# 582

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

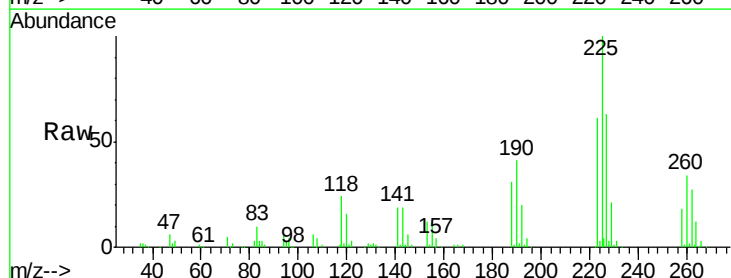
Tgt Ion:225 Resp: 157394

Ion Ratio Lower Upper

225 100

223 61.0 50.9 76.3

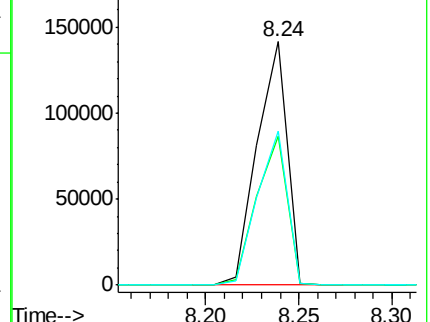
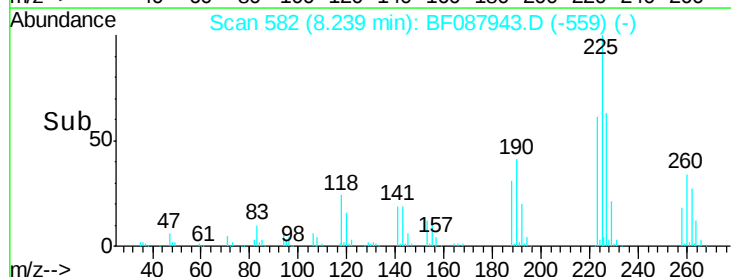
227 63.4 51.9 77.9

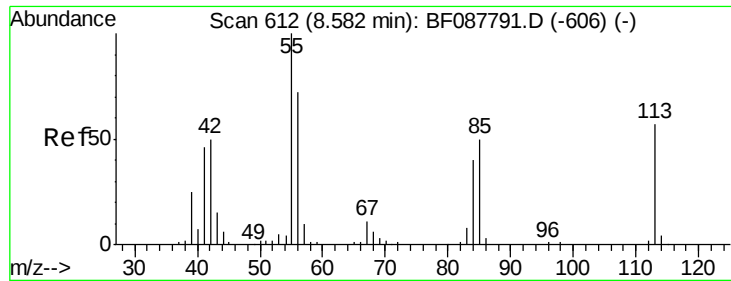


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

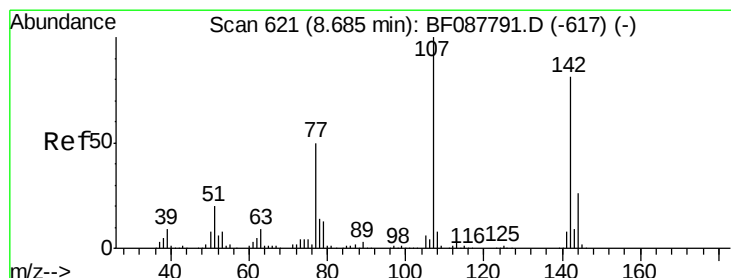
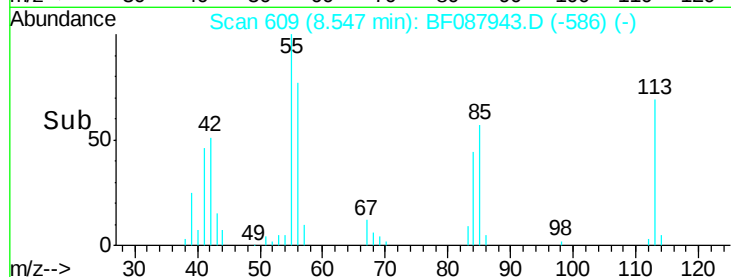
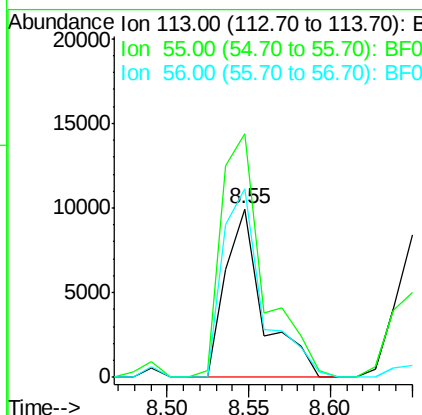
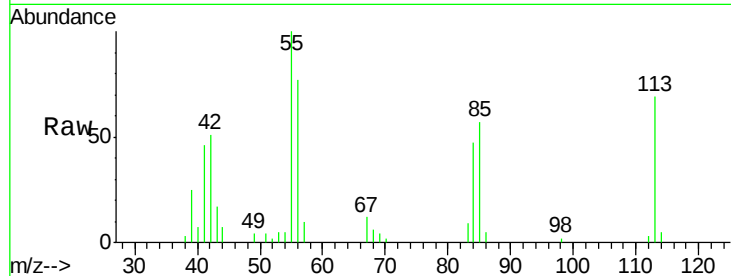




#35
 Caprolactam
 Concen: 7.18 ng
 RT: 8.55 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

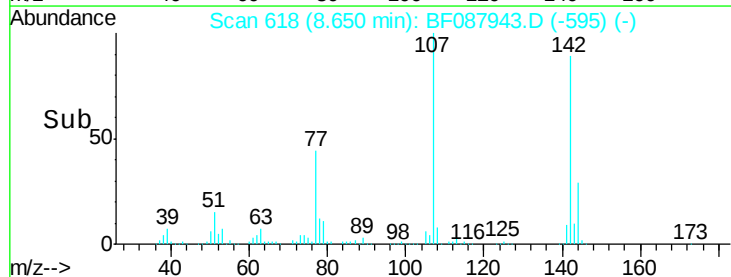
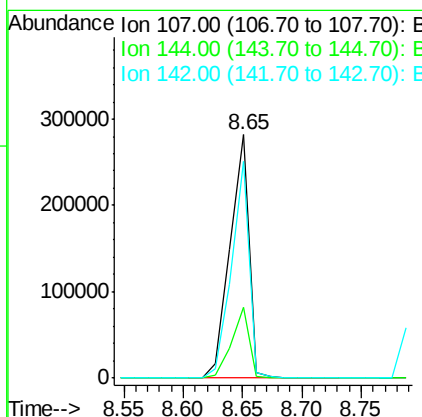
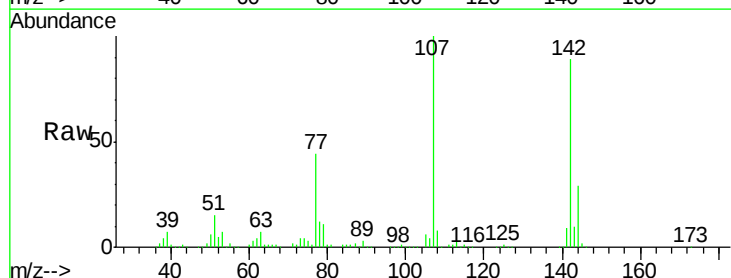
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

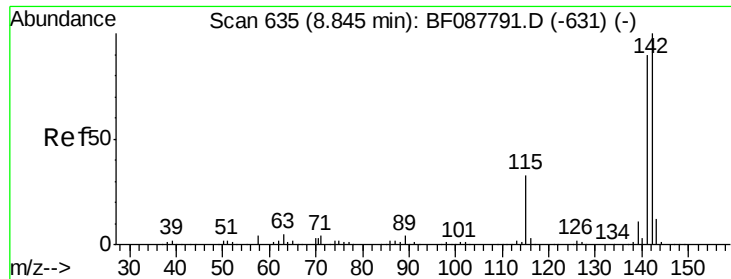
Tgt Ion:113 Resp: 15988
 Ion Ratio Lower Upper
 113 100
 55 144.5 158.6 198.6#
 56 111.8 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.64 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

Tgt Ion:107 Resp: 313574
 Ion Ratio Lower Upper
 107 100
 144 29.2 20.8 31.2
 142 89.1 63.4 95.2

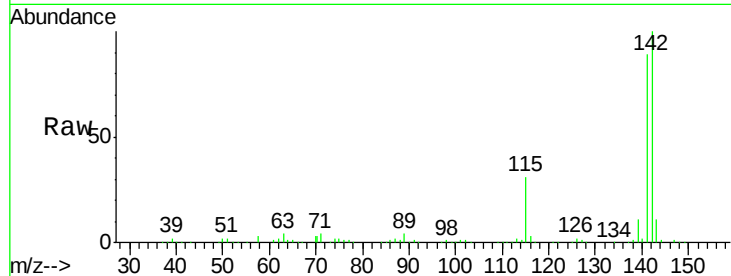




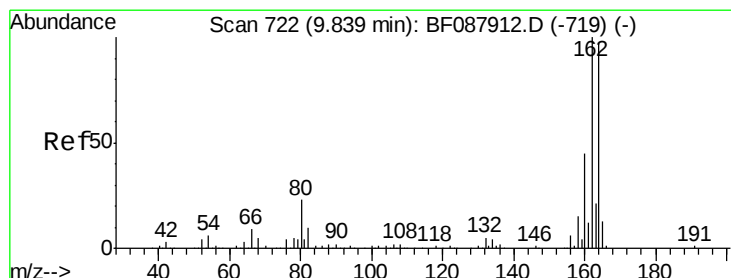
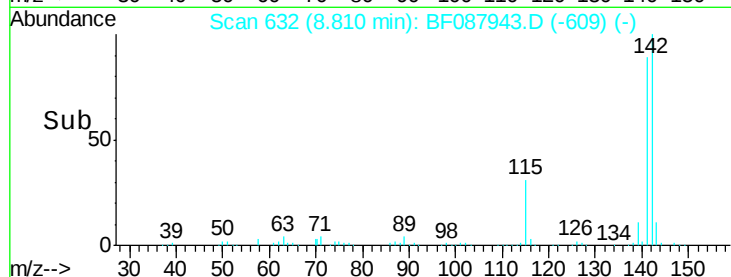
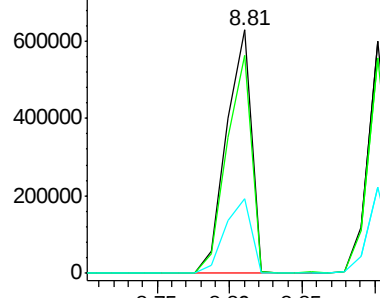
#37
2-Methylnaphthalene
Concen: 46.66 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.03 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

Tgt Ion:142 Resp: 748611
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6
115 30.6 22.6 33.8

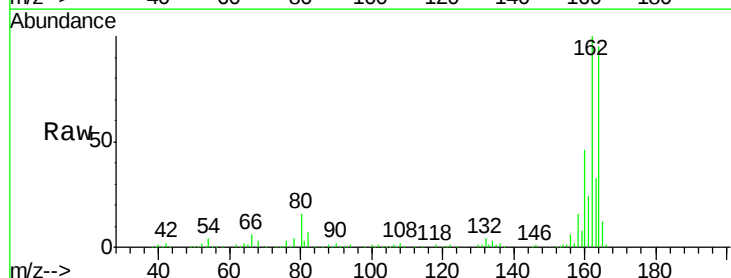


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

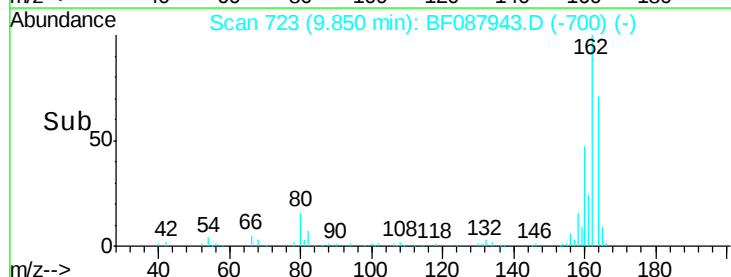
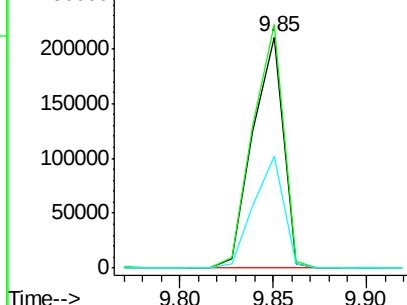


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

Tgt Ion:164 Resp: 238356
Ion Ratio Lower Upper
164 100
162 105.3 85.4 128.2
160 48.5 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.89 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MS

Tgt Ion:216 Resp: 270329

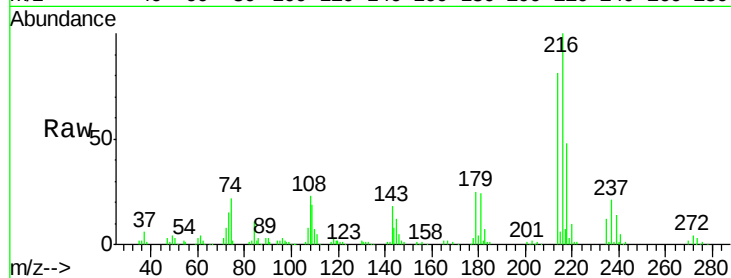
Ion Ratio Lower Upper

216 100

214 79.9 2.9 4.3#

179 23.1 0.0 0.0#

108 22.7 0.5 0.7#

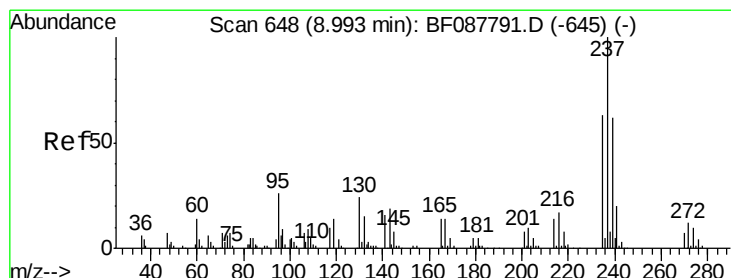
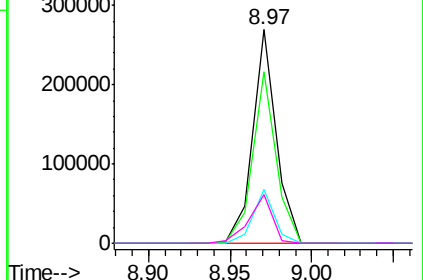
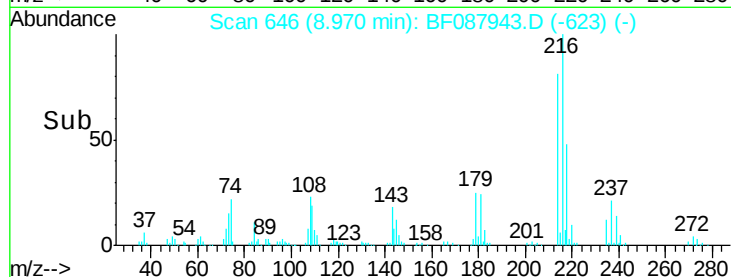


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 60.69 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

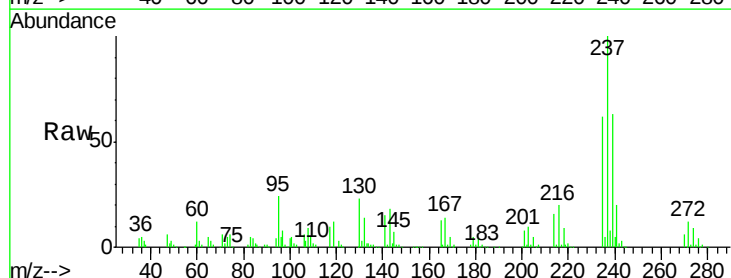
Tgt Ion:237 Resp: 233344

Ion Ratio Lower Upper

237 100

235 62.4 43.4 83.4

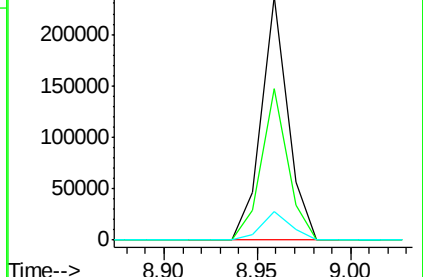
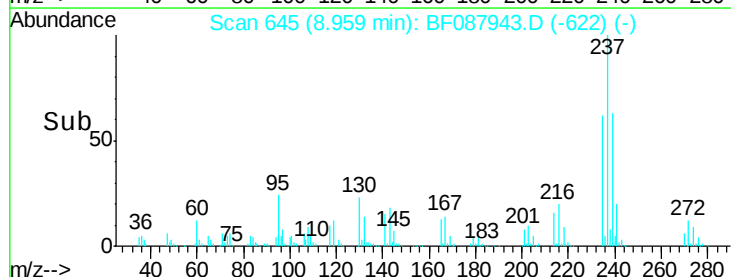
272 12.0 0.0 32.3

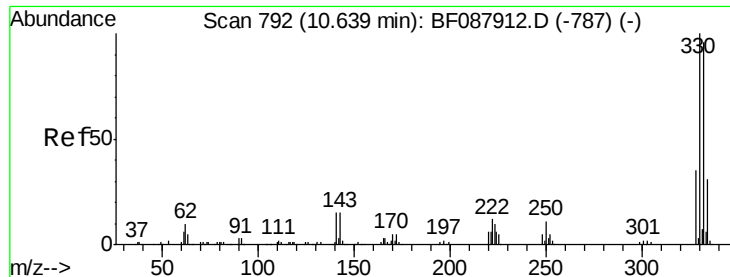


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

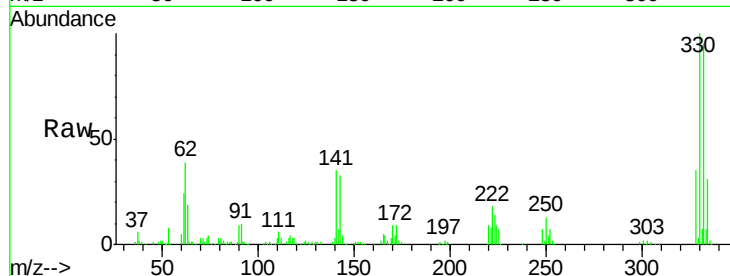




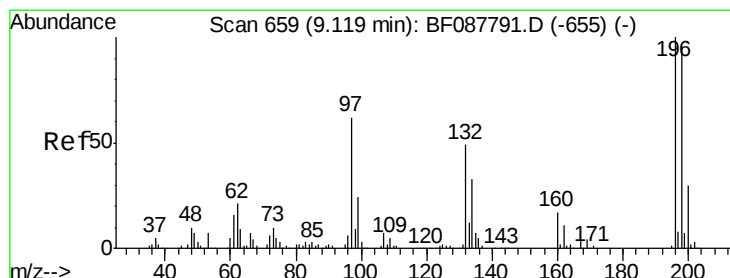
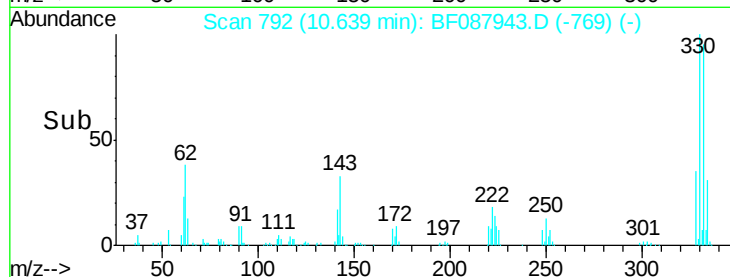
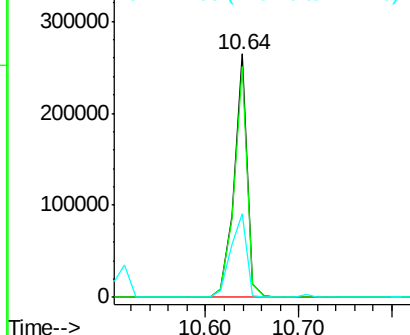
#41
 2,4,6-Tribromophenol
 Concen: 103.55 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

Tgt Ion:330 Resp: 260603
 Ion Ratio Lower Upper
 330 100
 332 95.5 0.0 0.0#
 141 41.9 0.0 0.0#

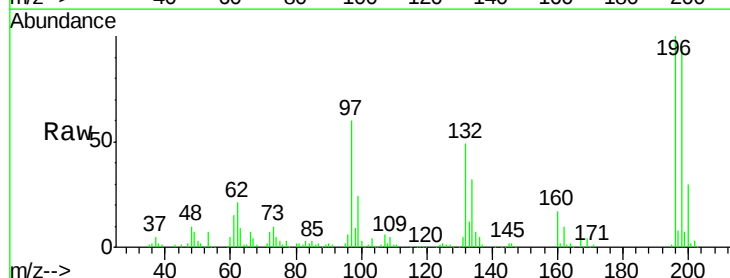


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

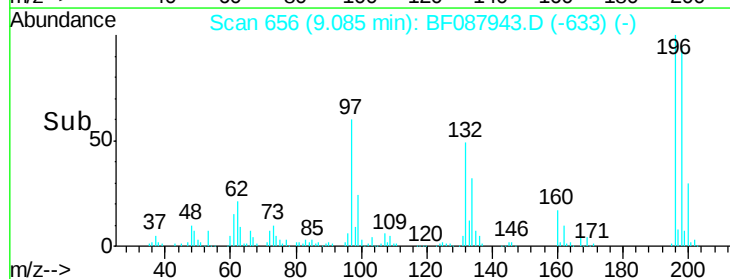
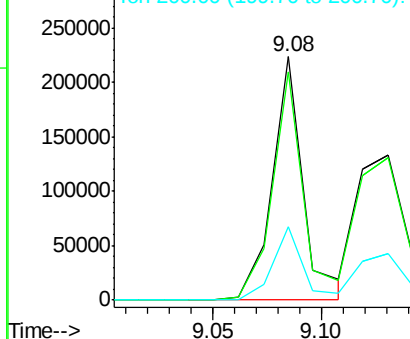


#42
 2,4,6-Trichlorophenol
 Concen: 46.60 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

Tgt Ion:196 Resp: 222142
 Ion Ratio Lower Upper
 196 100
 198 94.0 78.0 117.0
 200 30.1 25.4 38.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

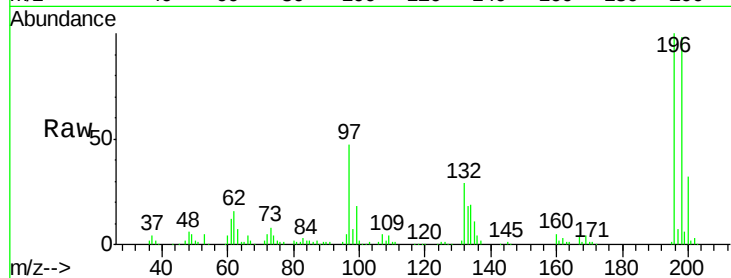




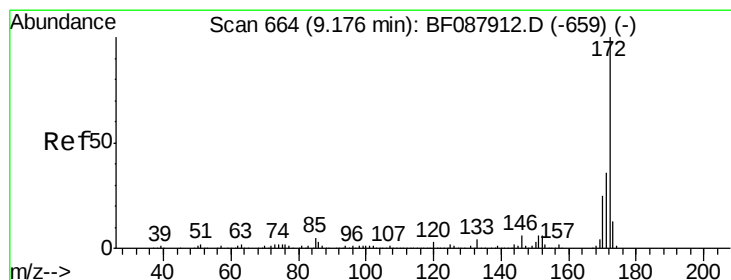
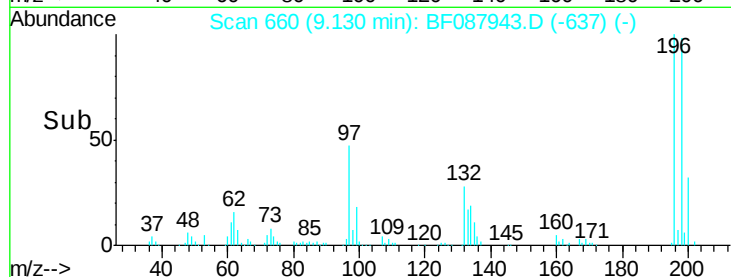
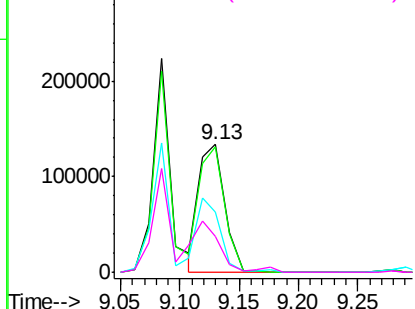
#43
 2,4,5-Trichlorophenol
 Concen: 41.34 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.03 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

Tgt Ion:	196	Resp:	205028
Ion	Ratio	Lower	Upper
196	100		
198	97.9	77.5	116.3
97	47.3	32.0	48.0
132	28.5	20.9	31.3

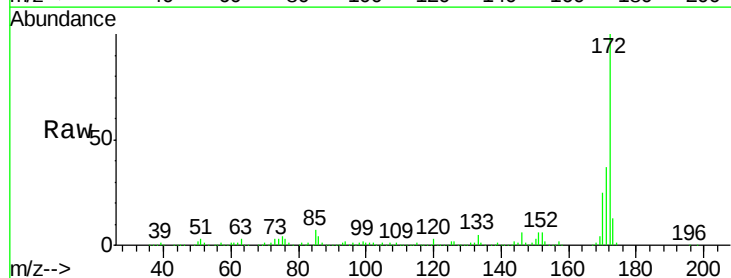


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

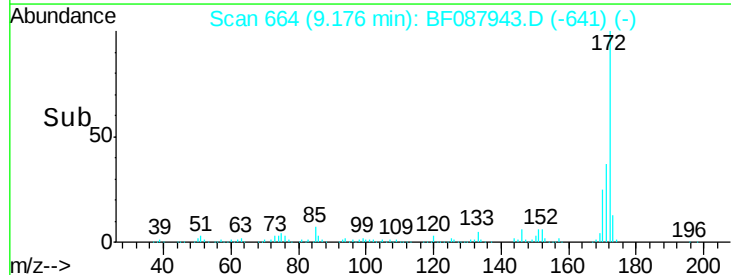
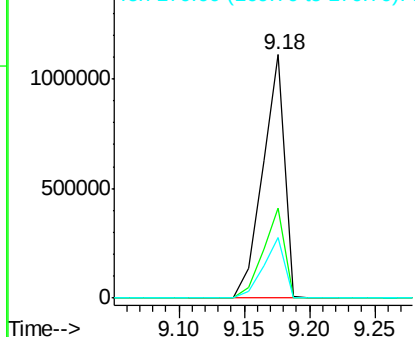


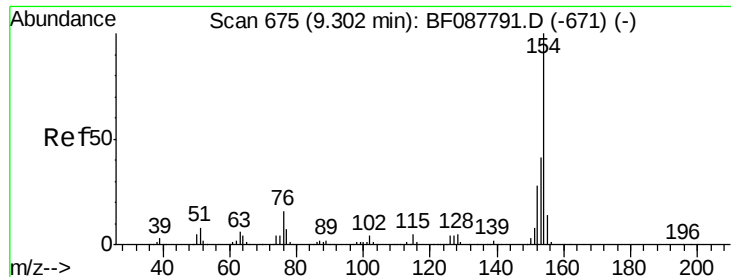
#44
 2-Fluorobiphenyl
 Concen: 85.33 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

Tgt Ion:	172	Resp:	1294355
Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	43.0
170	24.9	19.2	28.8



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





#45

1,1'-Biphenyl

Concen: 46.84 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MS

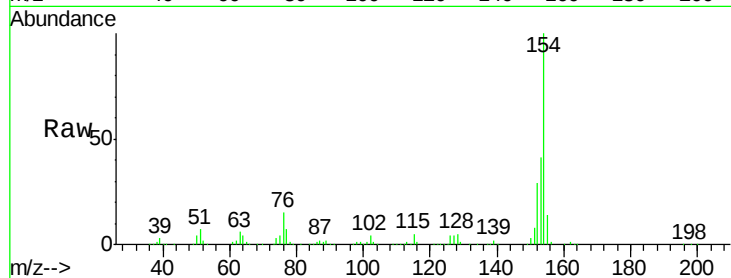
Tgt Ion:154 Resp: 833535

Ion Ratio Lower Upper

154 100

153 41.2 20.6 60.6

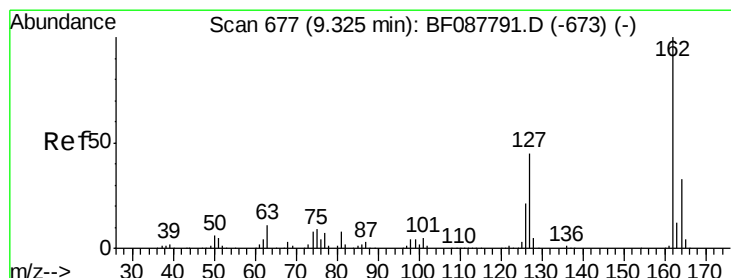
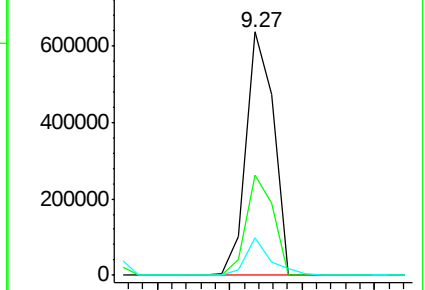
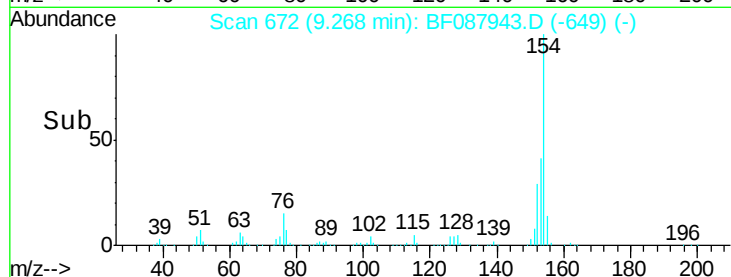
76 15.2 0.0 35.1



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: 42.99 ng

RT: 9.29 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

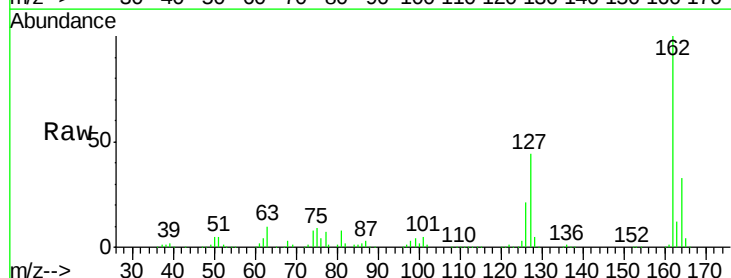
Tgt Ion:162 Resp: 663072

Ion Ratio Lower Upper

162 100

127 44.4 35.2 52.8

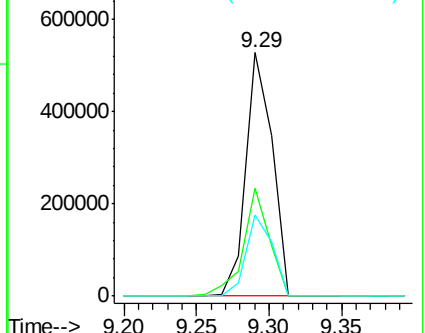
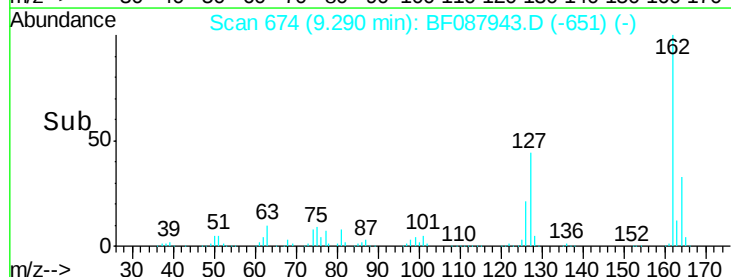
164 33.5 26.6 39.8

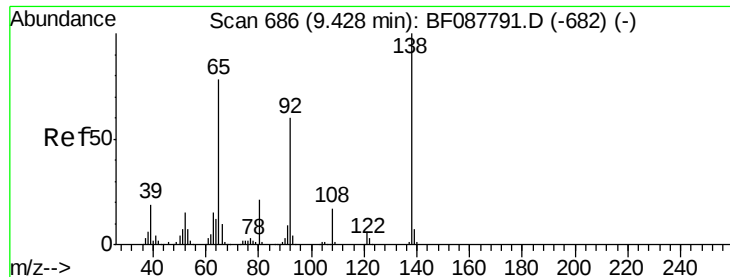


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.10 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MS

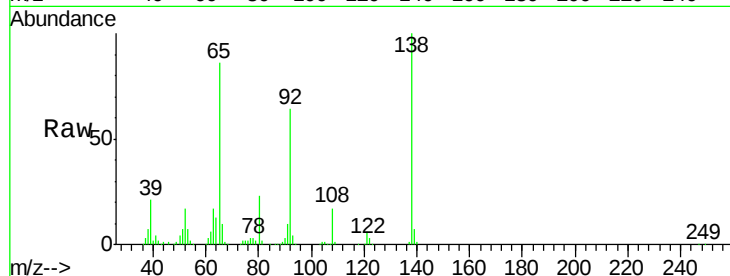
Tgt Ion: 65 Resp: 223416

Ion Ratio Lower Upper

65 100

92 73.9 54.6 82.0

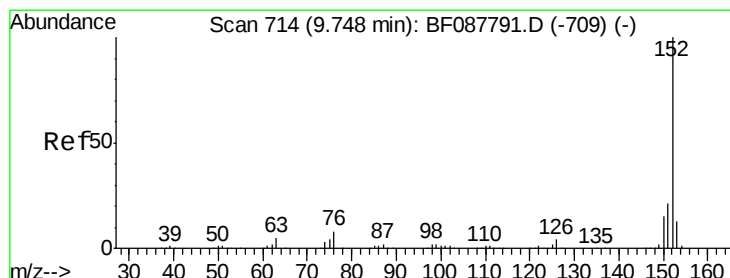
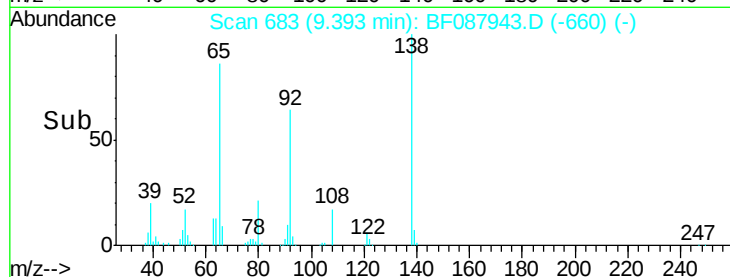
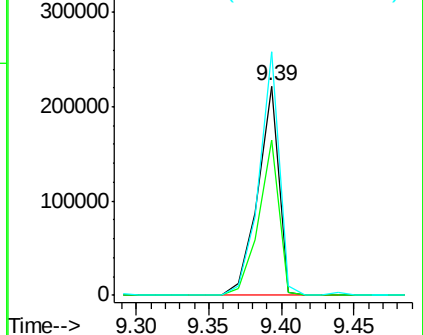
138 116.1 77.0 115.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 46.36 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

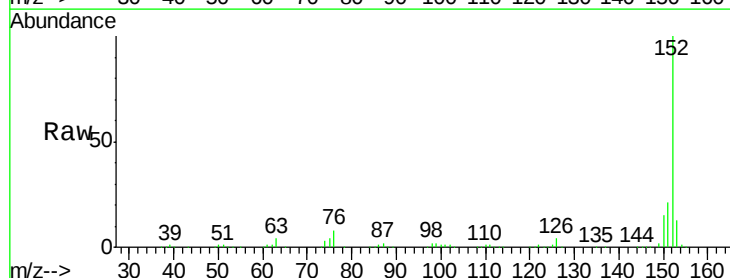
Tgt Ion: 152 Resp: 1137456

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

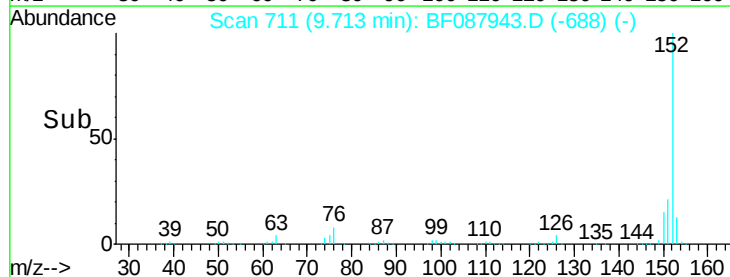
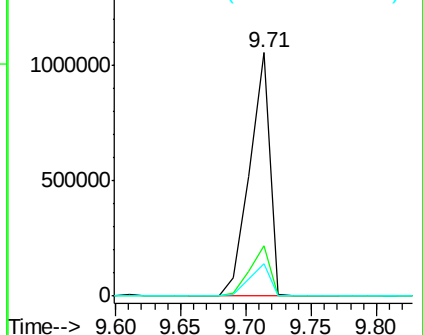
153 13.4 11.0 16.6

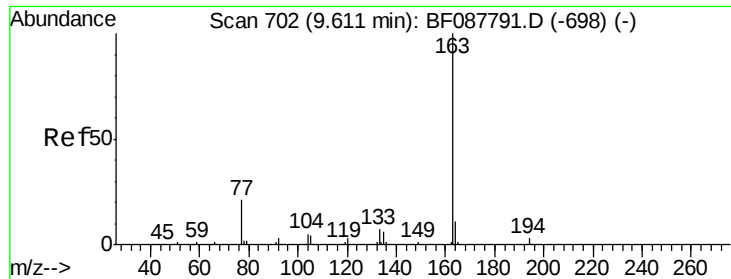


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

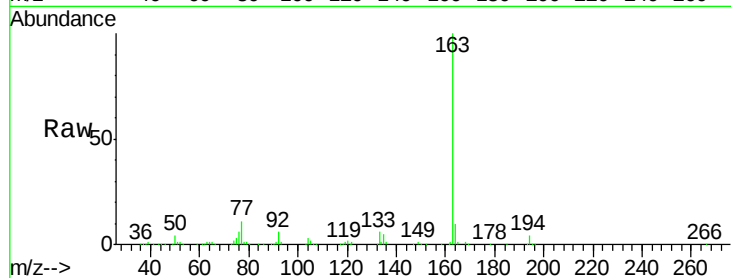




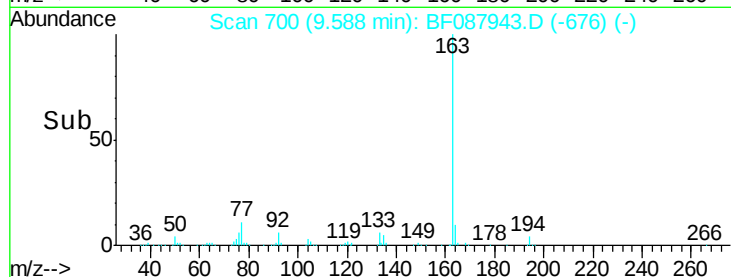
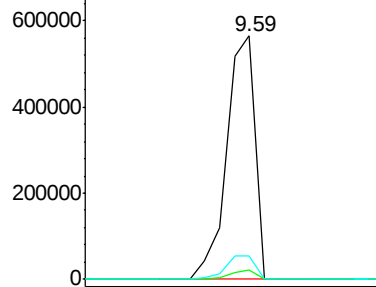
#49
Dimethylphthalate
Concen: 49.52 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

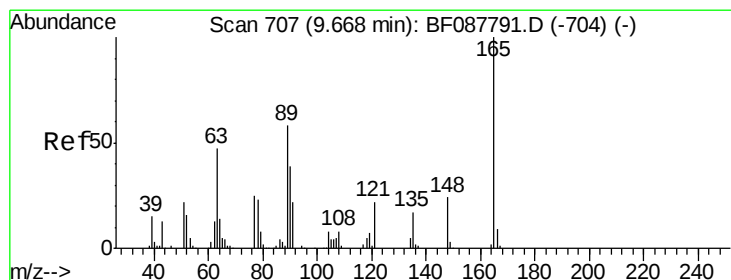
Tgt Ion:163 Resp: 854942
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.9 8.3 12.5



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

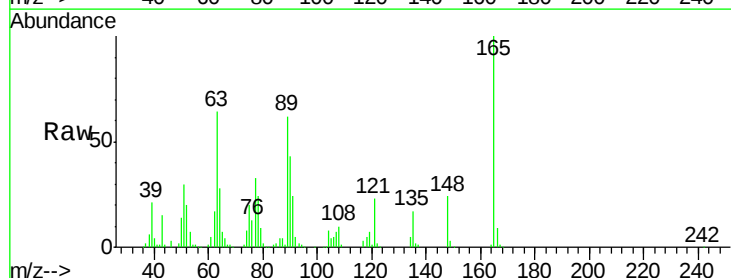


Time-->

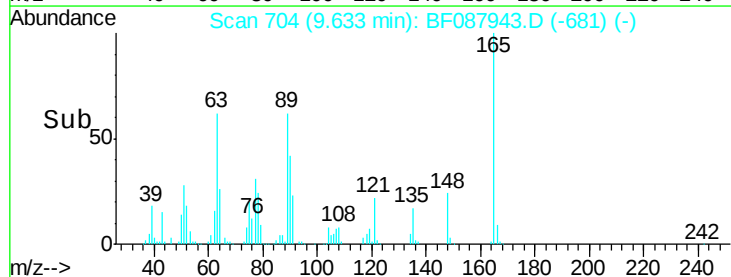
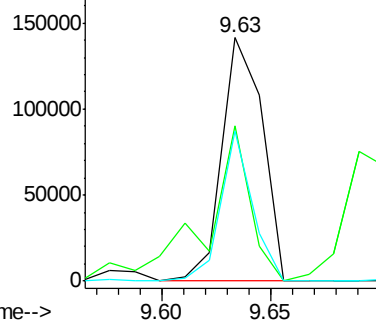


#50
2,6-Dinitrotoluene
Concen: 46.61 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

Tgt Ion:165 Resp: 184291
Ion Ratio Lower Upper
165 100
63 63.7 28.1 42.1#
89 61.9 32.2 48.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 49.56 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MS

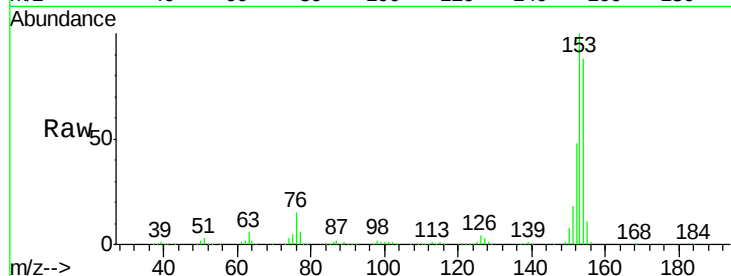
Tgt Ion:154 Resp: 758544

Ion Ratio Lower Upper

154 100

153 113.4 89.5 134.3

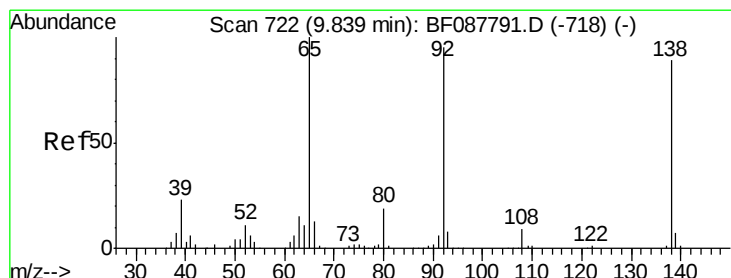
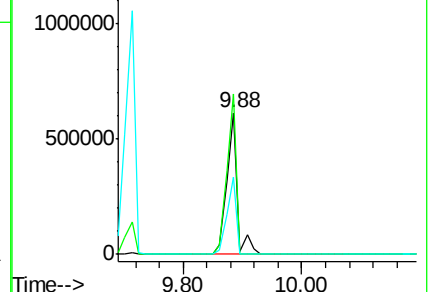
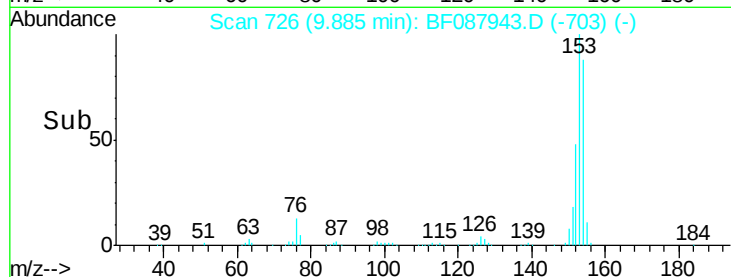
152 54.4 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.84 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

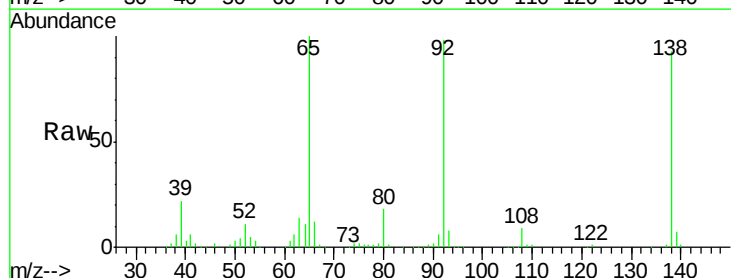
Tgt Ion:138 Resp: 158957

Ion Ratio Lower Upper

138 100

108 9.5 8.5 12.7

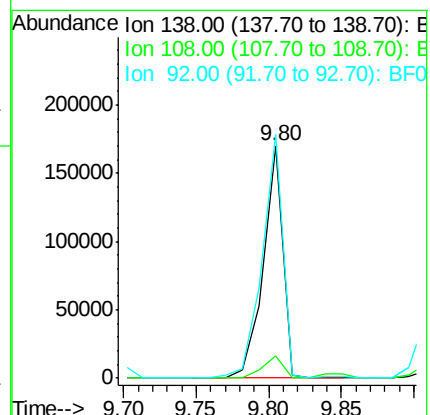
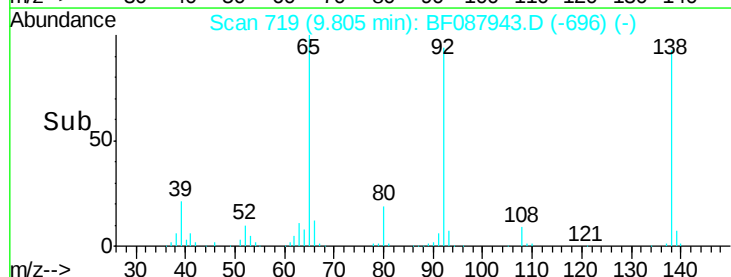
92 104.8 95.7 143.5

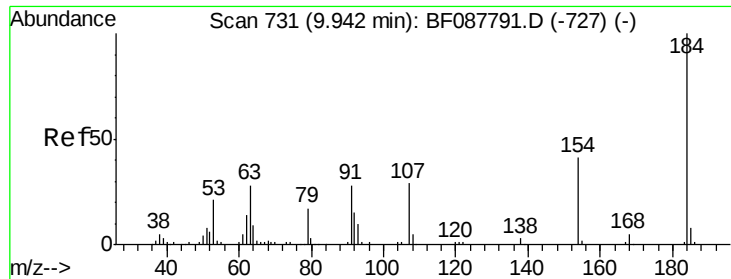


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

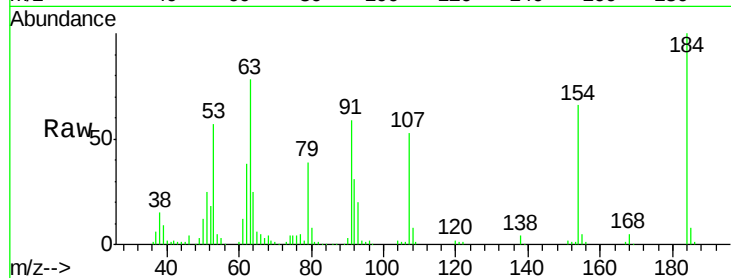




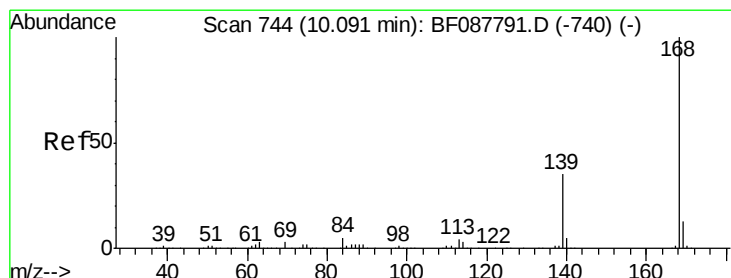
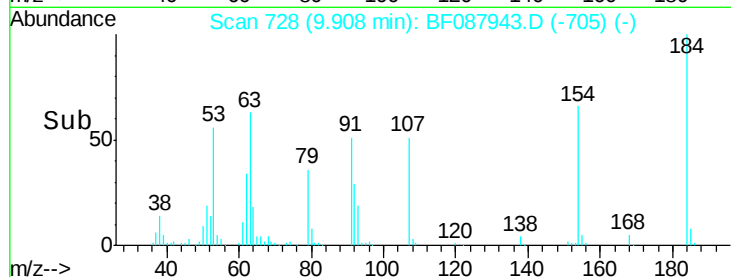
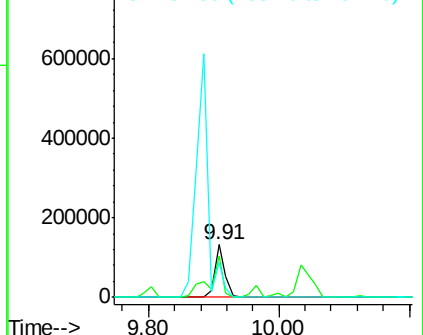
#53
2,4-Dinitrophenol
Concen: 69.56 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

Tgt Ion:184 Resp: 145540
Ion Ratio Lower Upper
184 100
63 78.4 57.6 86.4
154 66.4 53.5 80.3

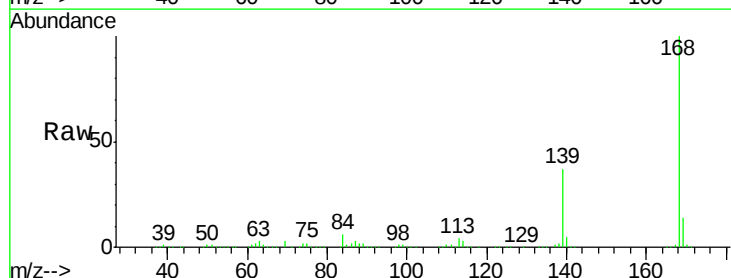


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

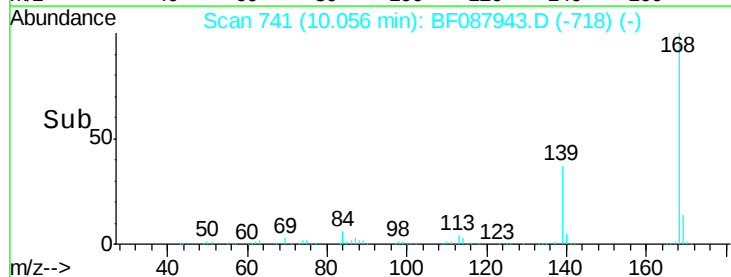
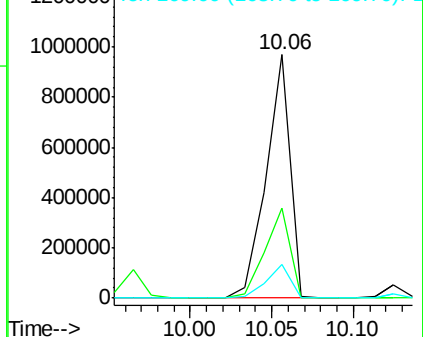


#54
Dibenzofuran
Concen: 46.86 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

Tgt Ion:168 Resp: 987626
Ion Ratio Lower Upper
168 100
139 37.1 26.4 39.6
169 13.7 10.4 15.6



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

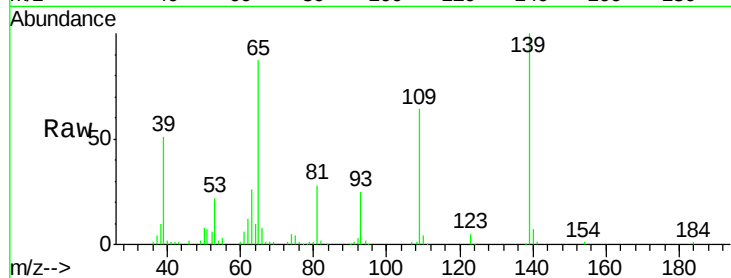




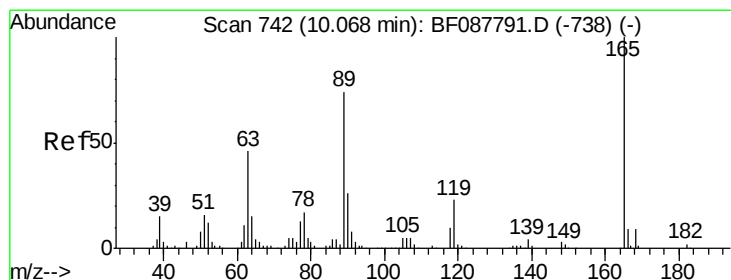
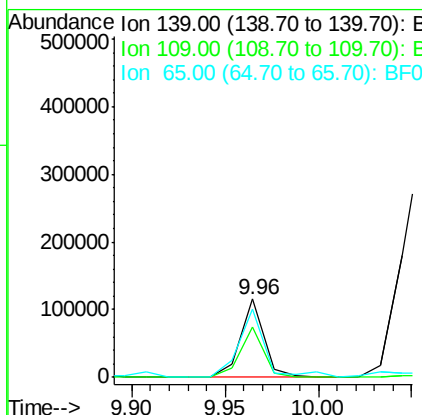
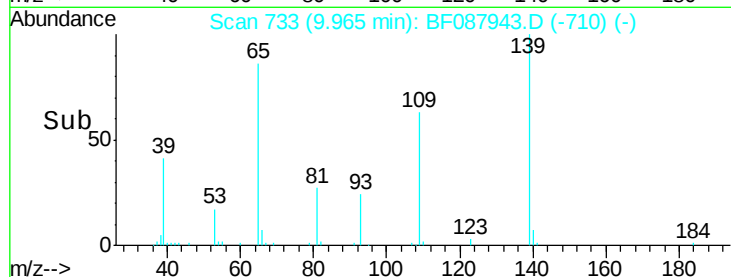
#55
4-Nitrophenol
Concen: 29.49 ng
RT: 9.96 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.3	48.9	88.9
65	87.5	84.9	124.9

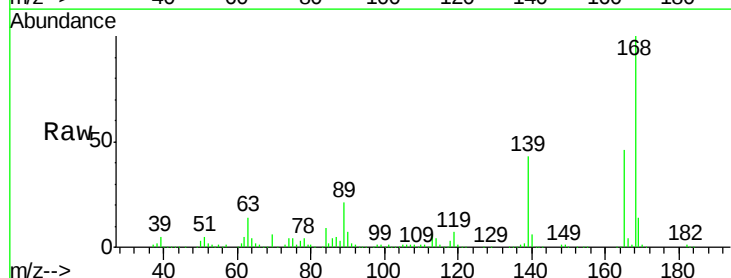


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

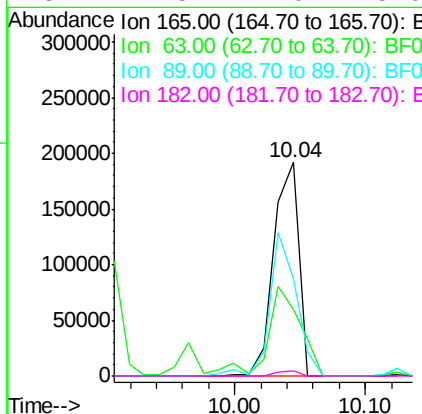
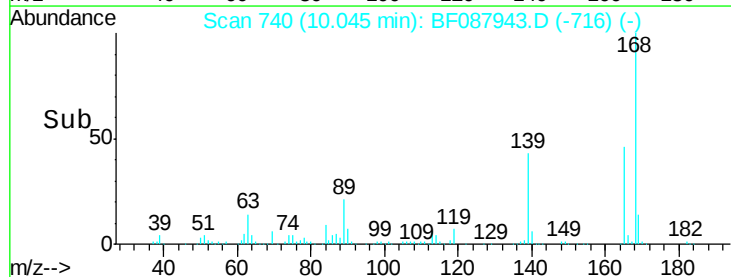


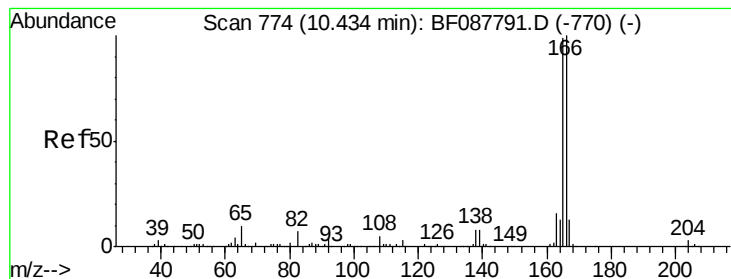
#56
2,4-Dinitrotoluene
Concen: 50.83 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	31.3	22.0	33.0
89	45.6	41.1	61.7
182	2.5	2.0	3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 51.86 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MS

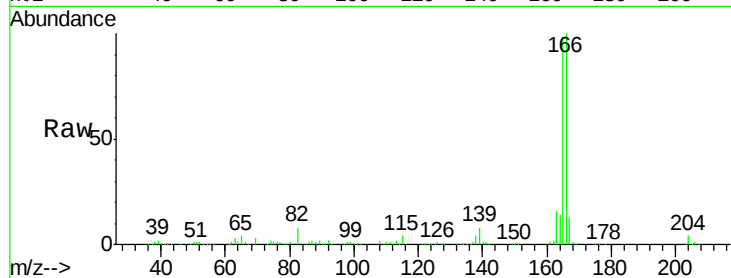
Tgt Ion:166 Resp: 728163

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.8

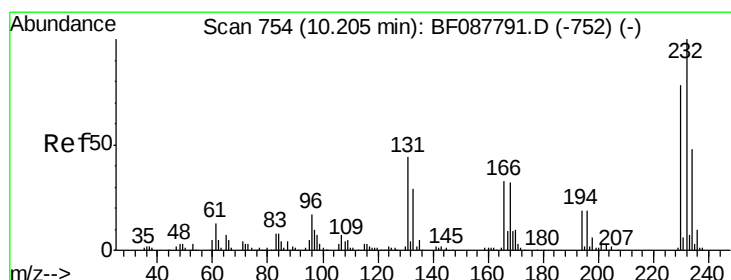
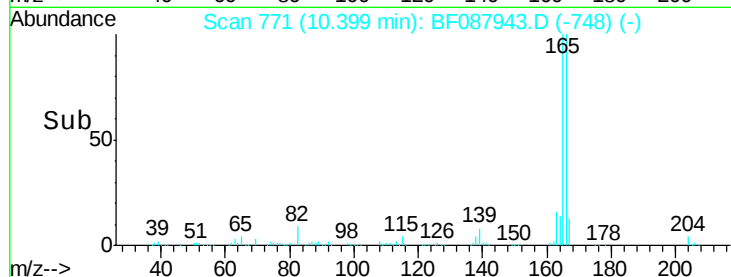
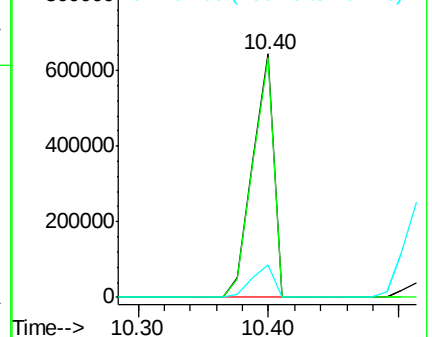
167 13.2 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.33 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

Tgt Ion:232 Resp: 180539

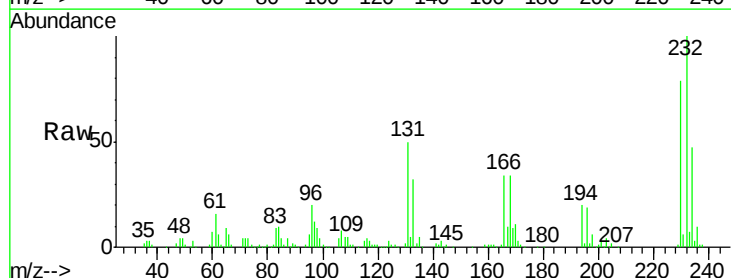
Ion Ratio Lower Upper

232 100

131 52.0 0.9 1.3#

130 2.4 1.5 2.3#

166 35.0 0.5 0.7#

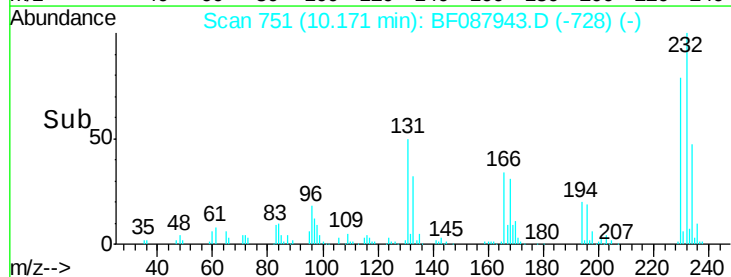
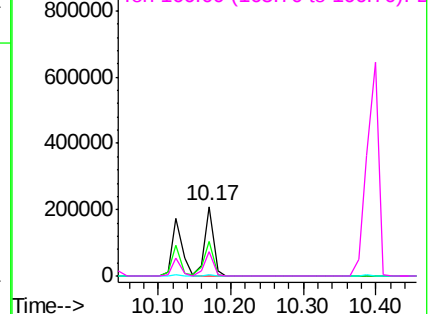


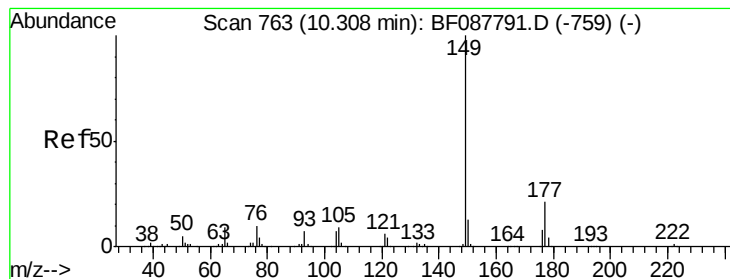
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.04 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MS

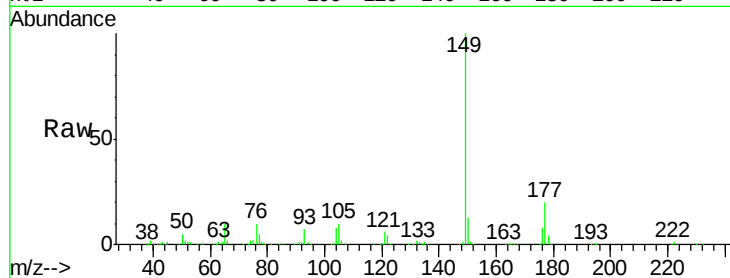
Tgt Ion:149 Resp: 752227

Ion Ratio Lower Upper

149 100

177 20.5 16.9 25.3

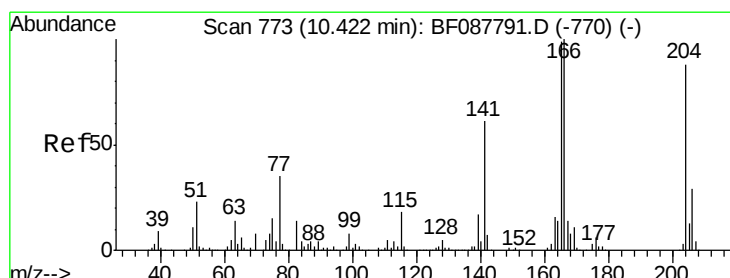
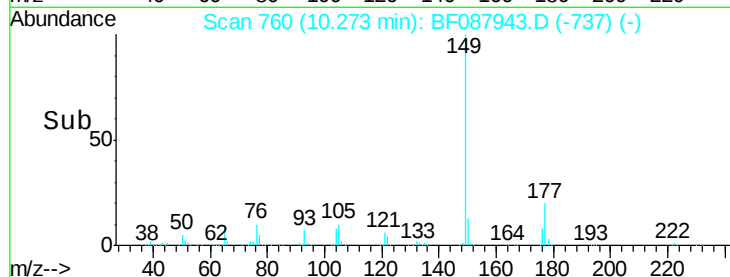
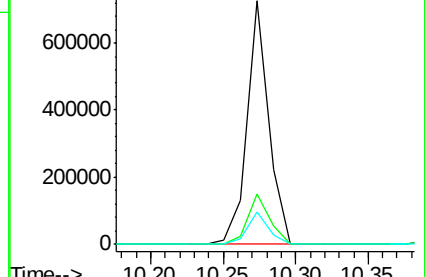
150 13.1 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.08 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

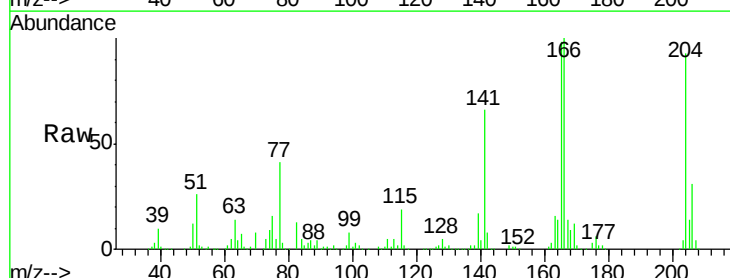
Tgt Ion:204 Resp: 280959

Ion Ratio Lower Upper

204 100

206 33.1 26.3 39.5

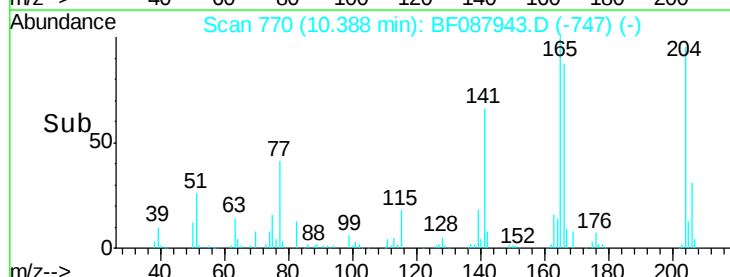
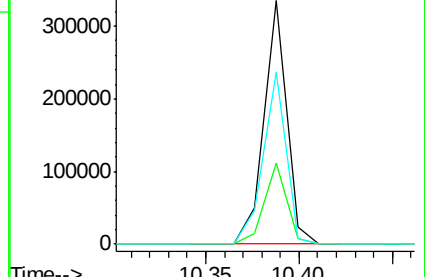
141 70.8 55.0 82.6

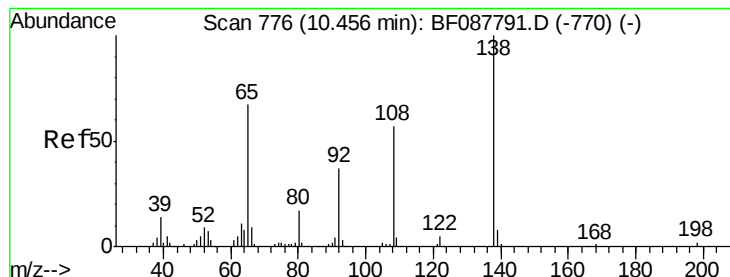


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 47.52 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MS

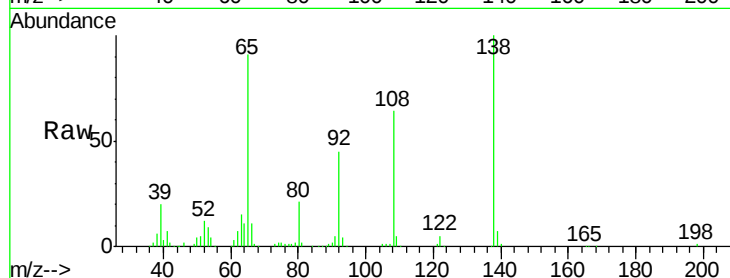
Tgt Ion:138 Resp: 205665

Ion Ratio Lower Upper

138 100

92 44.7 27.3 67.3

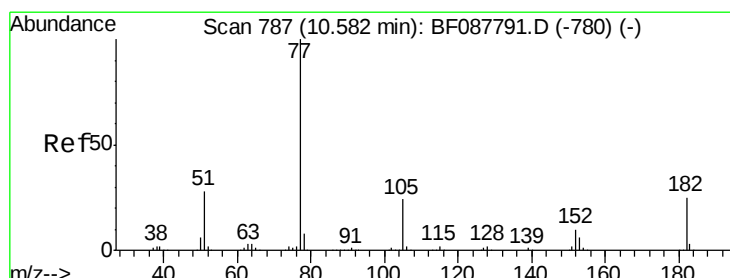
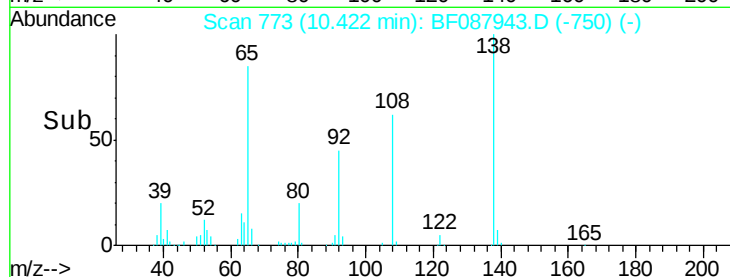
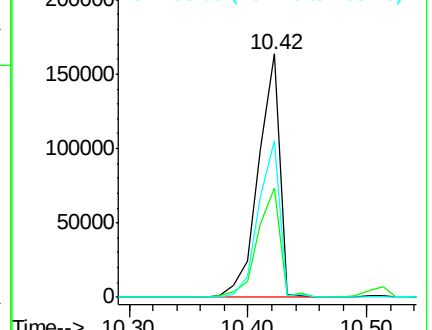
108 64.2 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.67 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

Tgt Ion: 77 Resp: 789395

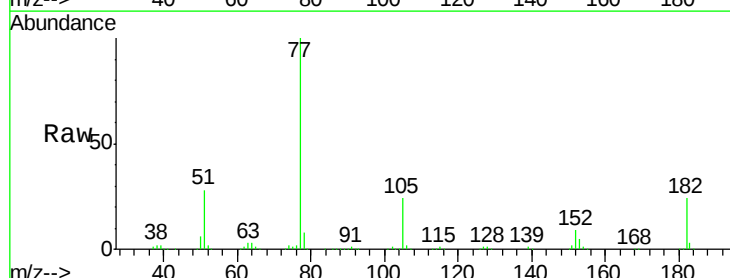
Ion Ratio Lower Upper

77 100

182 23.7 4.4 44.4

105 23.7 3.8 43.8

51 27.8 9.3 49.3

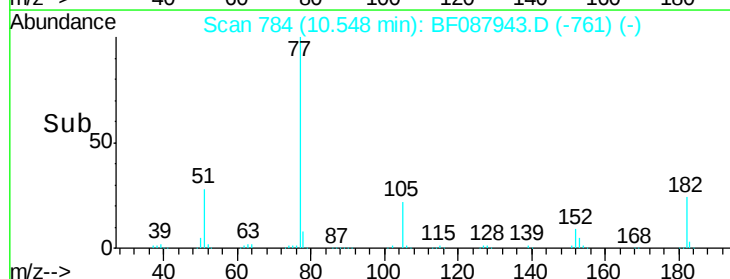
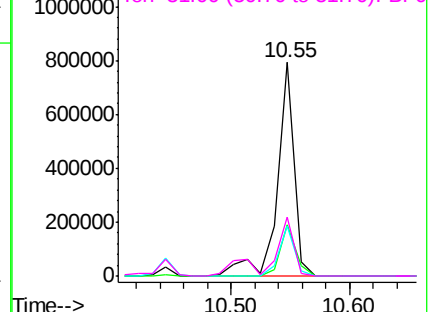


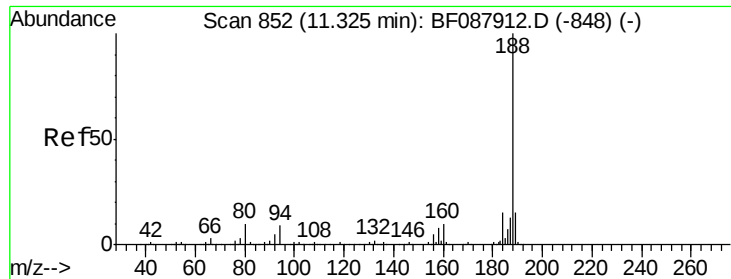
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

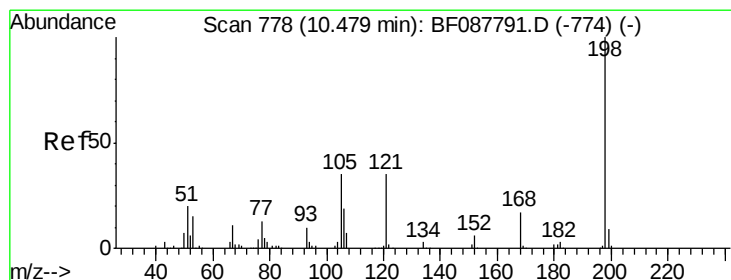
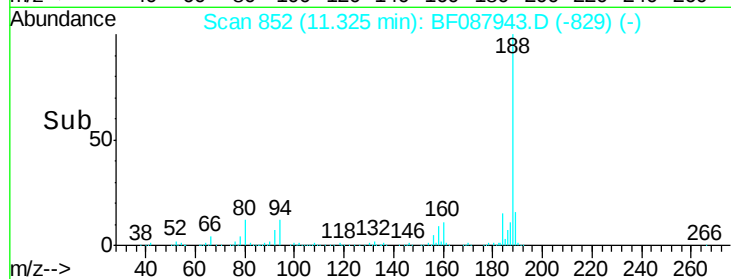
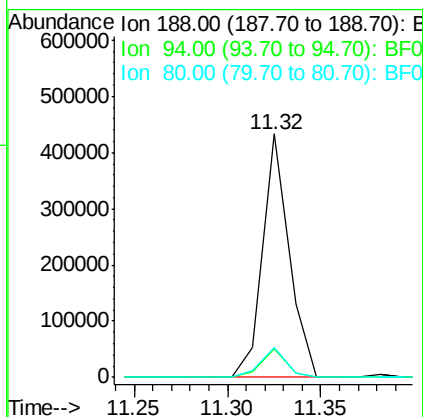
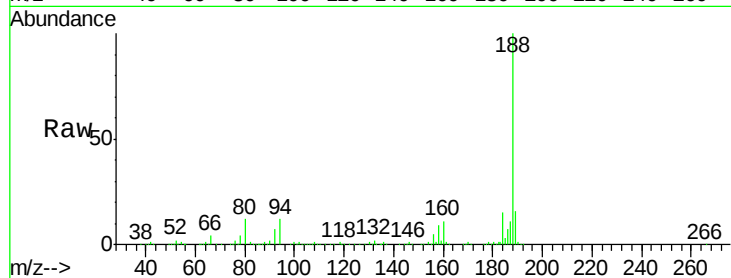




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

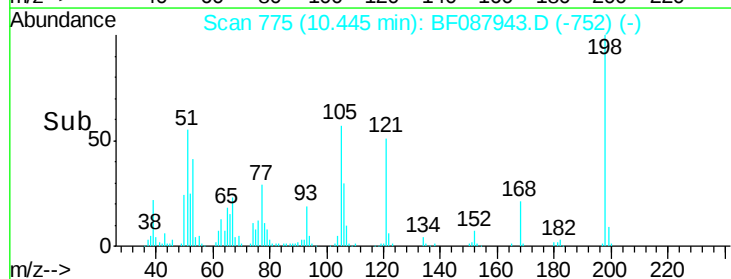
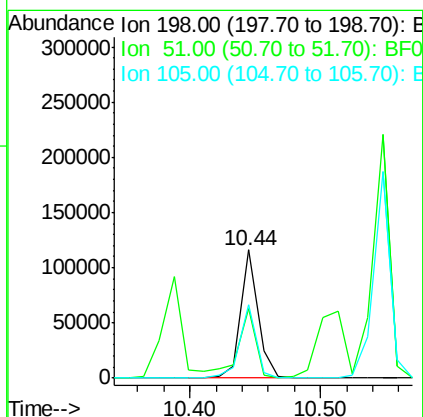
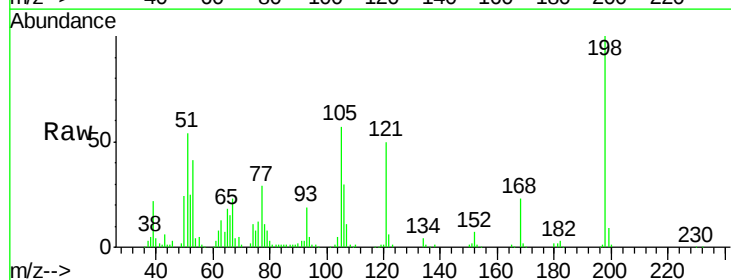
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

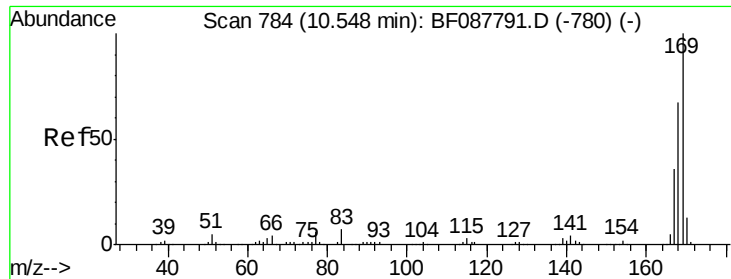
Tgt Ion:188 Resp: 426394
Ion Ratio Lower Upper
188 100
94 11.6 9.0 13.6
80 12.5 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 40.39 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.03 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

Tgt Ion:198 Resp: 106553
Ion Ratio Lower Upper
198 100
51 54.4 39.6 79.6
105 57.0 36.6 76.6

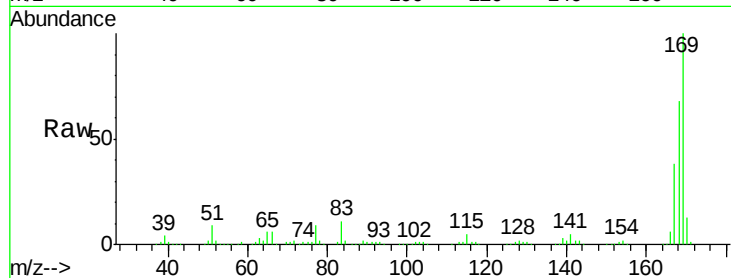




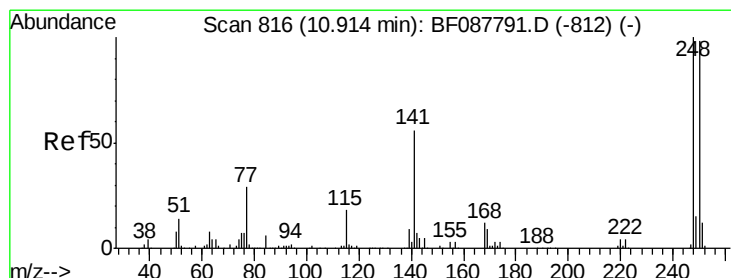
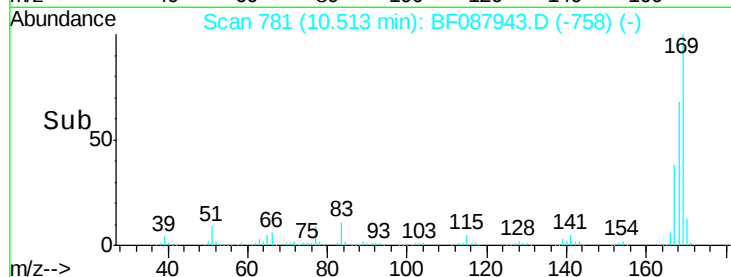
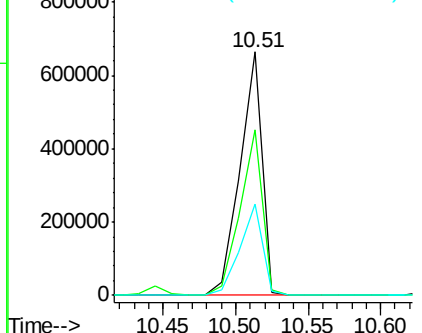
#65
 n-Nitrosodiphenylamine
 Concen: 49.70 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

Tgt Ion:169 Resp: 703177
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.4 80.0
 167 37.7 29.4 44.0

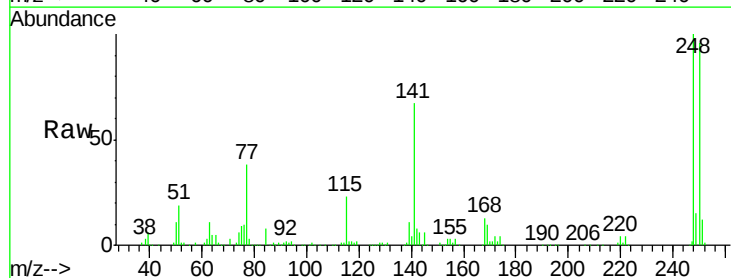


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

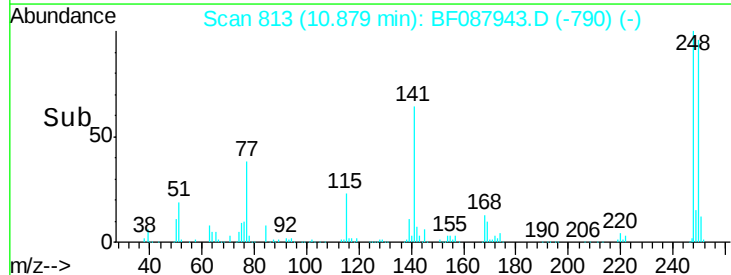
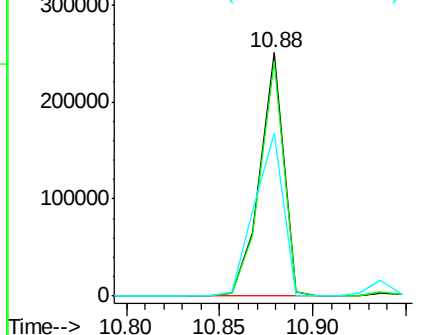


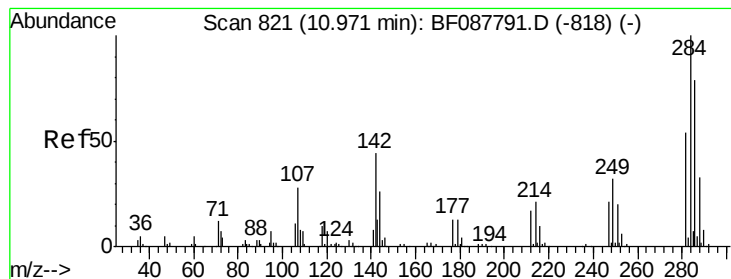
#66
 4-Bromophenyl-phenylether
 Concen: 48.38 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

Tgt Ion:248 Resp: 221310
 Ion Ratio Lower Upper
 248 100
 250 96.3 77.1 115.7
 141 67.2 50.6 76.0



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





#67

Hexachlorobenzene

Concen: 43.61 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MS

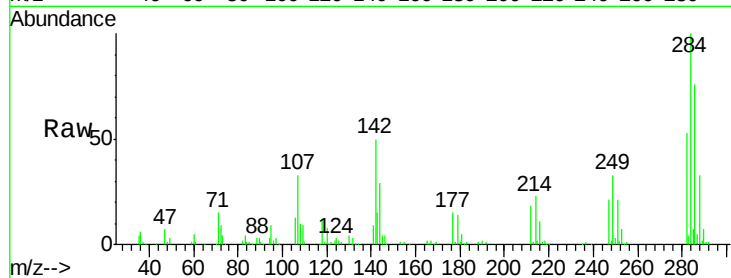
Tgt Ion:284 Resp: 207276

Ion Ratio Lower Upper

284 100

142 50.1 35.8 53.8

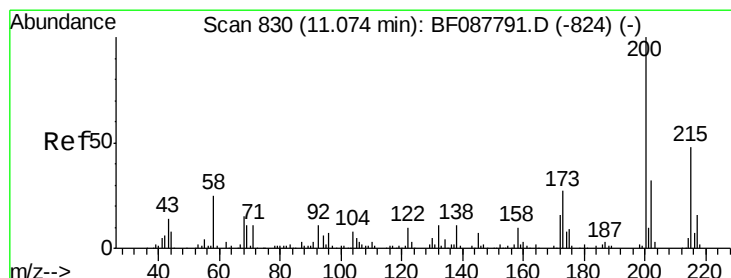
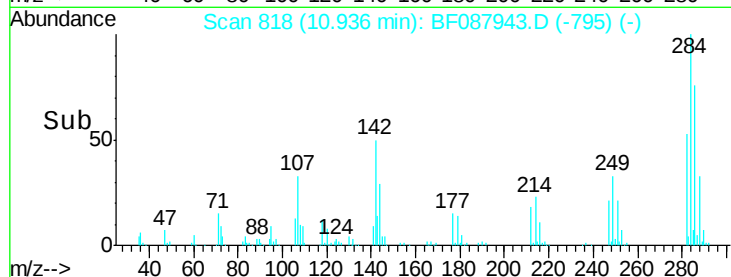
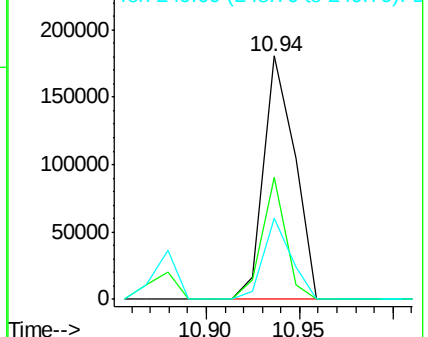
249 33.5 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.89 ng

RT: 11.04 min Scan# 827

Delta R.T. -0.03 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

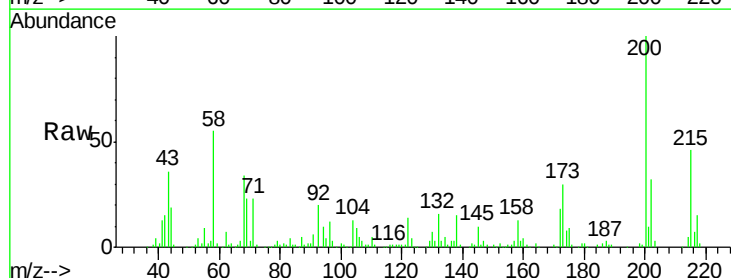
Tgt Ion:200 Resp: 175178

Ion Ratio Lower Upper

200 100

173 29.7 4.0 44.0

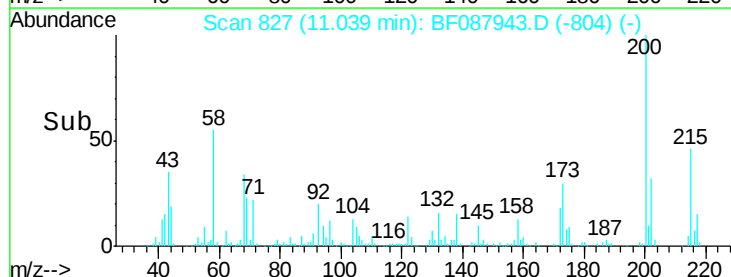
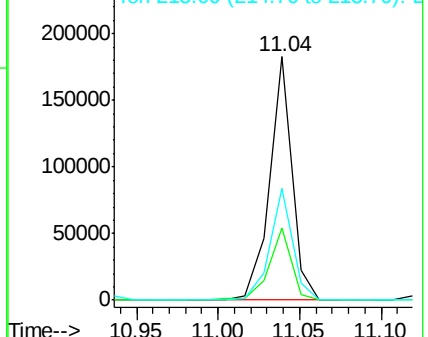
215 45.7 29.3 69.3

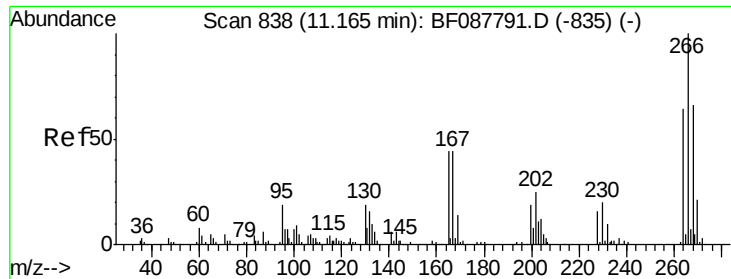


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

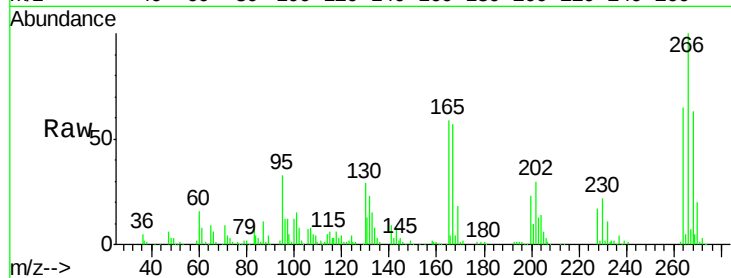




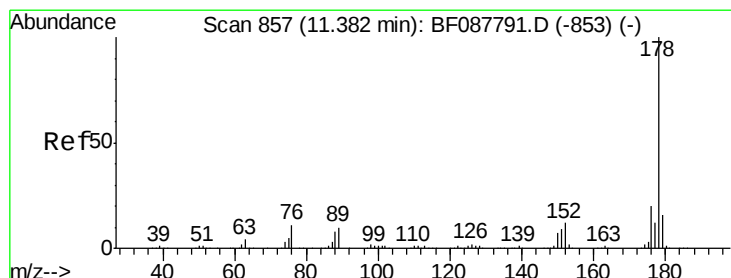
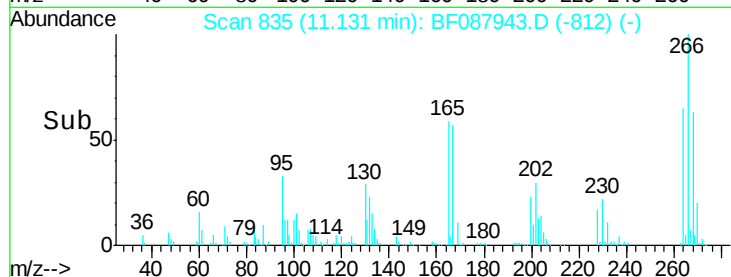
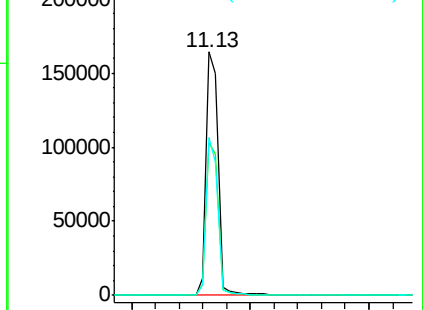
#69
 Pentachlorophenol
 Concen: 93.81 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.03 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

Tgt Ion:266 Resp: 235043
 Ion Ratio Lower Upper
 266 100
 268 63.0 52.8 79.2
 264 64.8 49.6 74.4

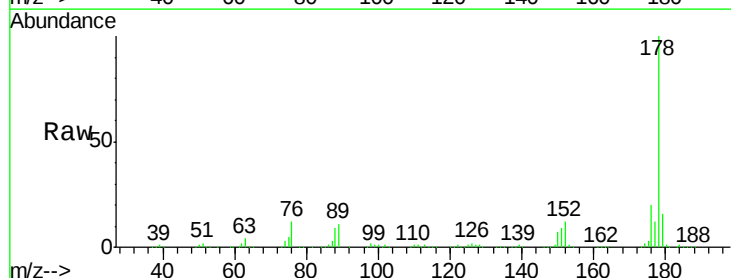


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

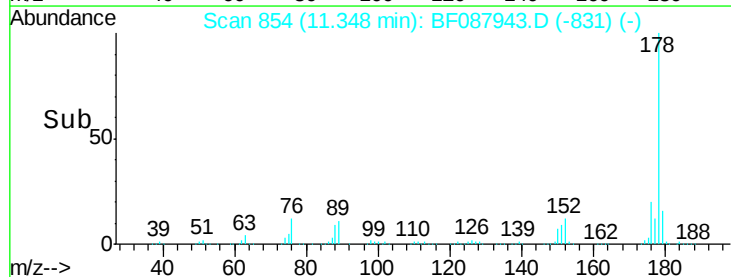
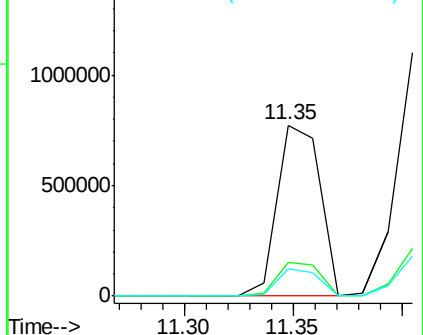


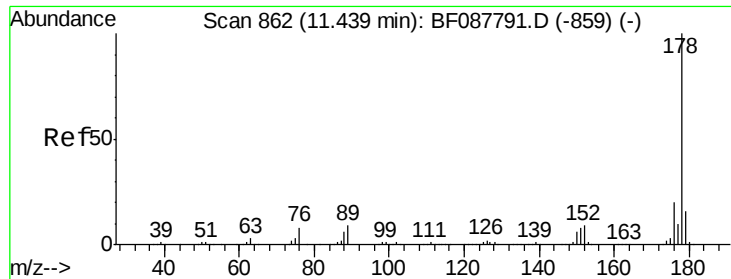
#70
 Phenanthrene
 Concen: 47.60 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.03 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

Tgt Ion:178 Resp: 1064962
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.6
 179 16.2 13.0 19.4



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

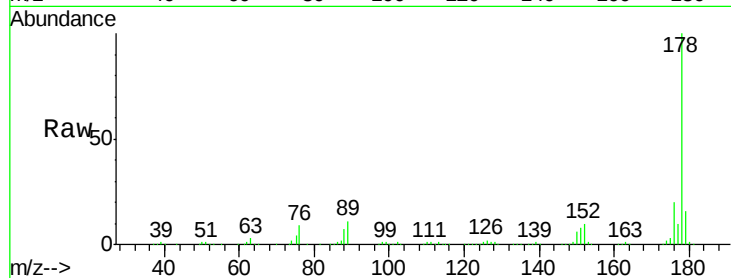




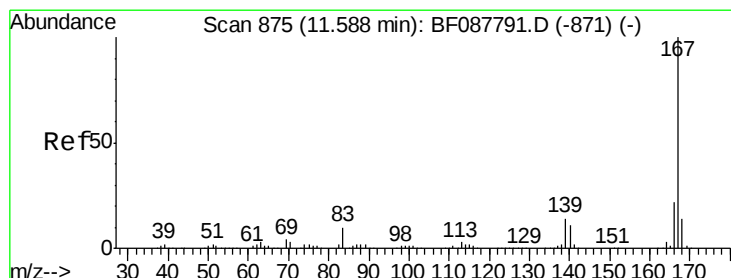
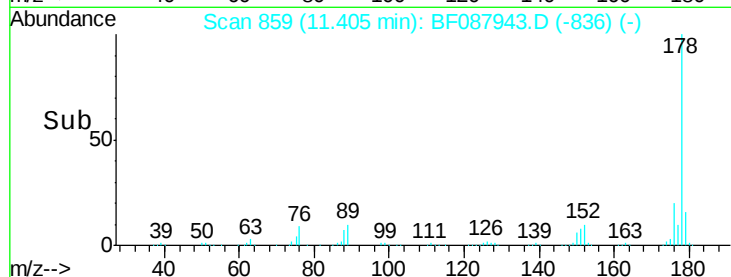
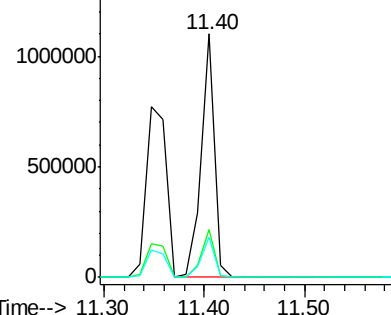
#71
 Anthracene
 Concen: 44.48 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.03 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

Tgt Ion:178 Resp: 1003819
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.6 23.4
 179 16.3 12.8 19.2

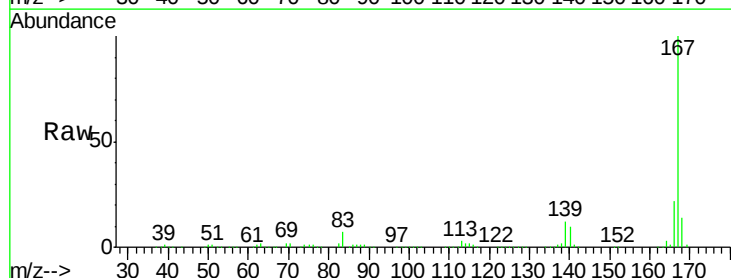


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

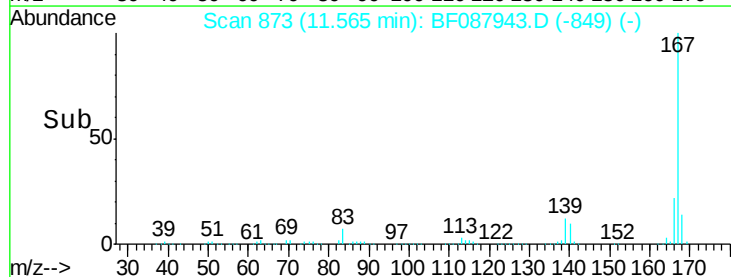
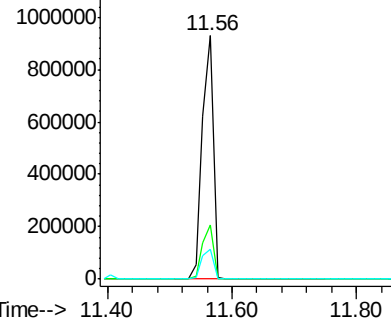


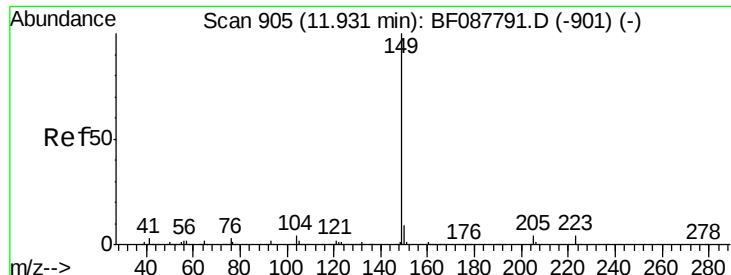
#72
 Carbazole
 Concen: 52.77 ng
 RT: 11.56 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

Tgt Ion:167 Resp: 1114589
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 12.5 11.2 16.8



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

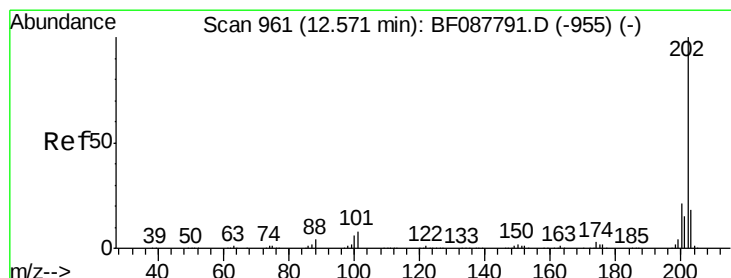
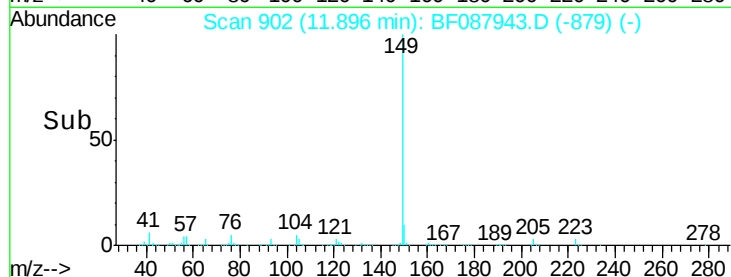
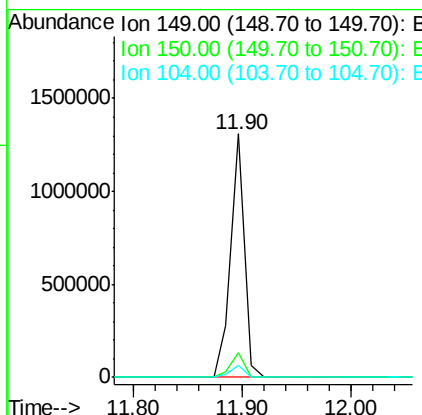
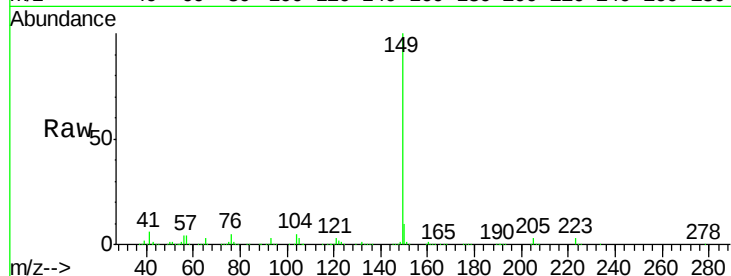




#73
Di-n-butylphthalate
Concen: 42.46 ng
RT: 11.90 min Scan# 902
Delta R.T. -0.03 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

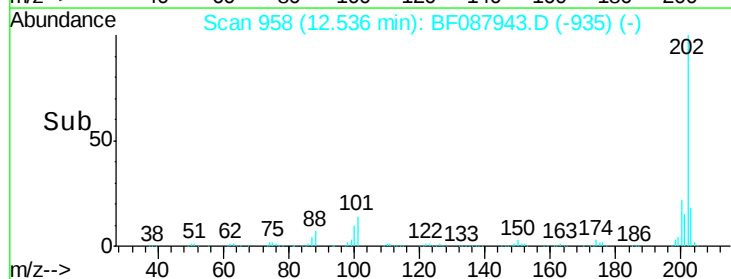
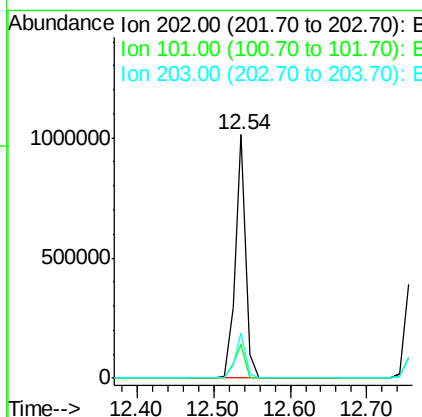
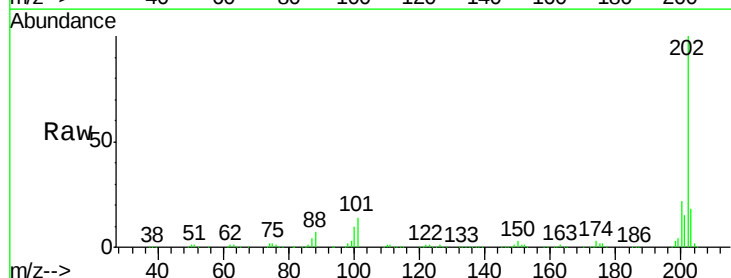
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

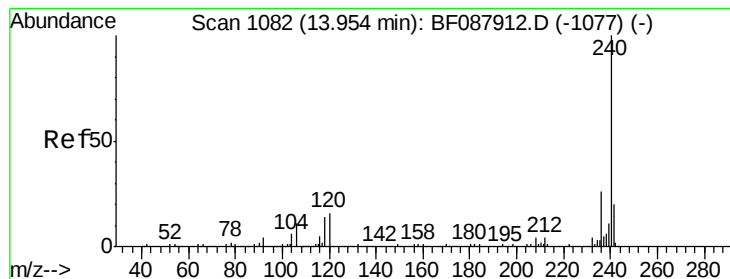
Tgt Ion:149 Resp: 1135286
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.6
104 5.1 4.0 6.0



#74
Fluoranthene
Concen: 41.49 ng
RT: 12.54 min Scan# 958
Delta R.T. -0.03 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

Tgt Ion:202 Resp: 979760
Ion Ratio Lower Upper
202 100
101 14.0 0.0 33.1
203 18.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MS

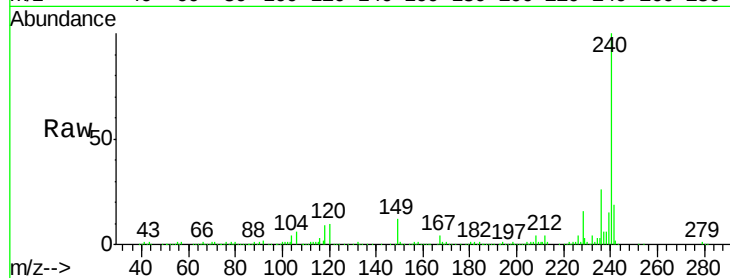
Tgt Ion:240 Resp: 303914

Ion Ratio Lower Upper

240 100

120 9.8 6.8 10.2

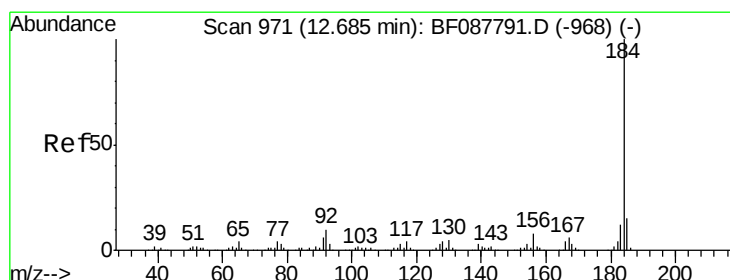
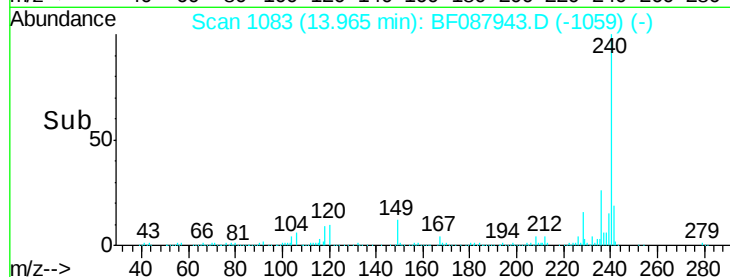
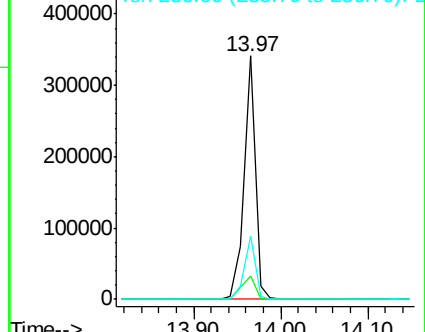
236 25.9 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.85 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

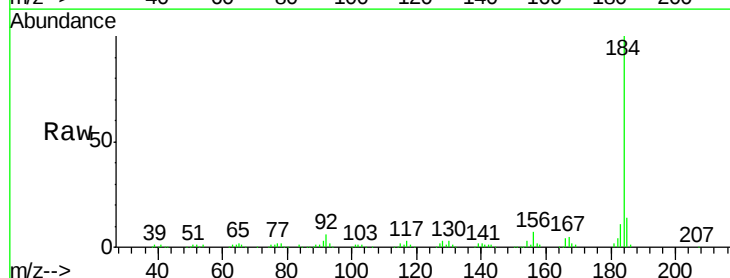
Tgt Ion:184 Resp: 209132

Ion Ratio Lower Upper

184 100

185 13.6 12.5 18.7

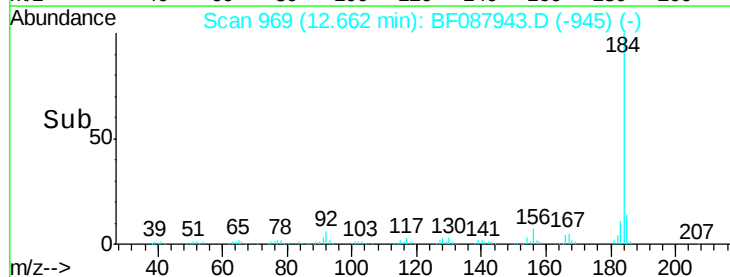
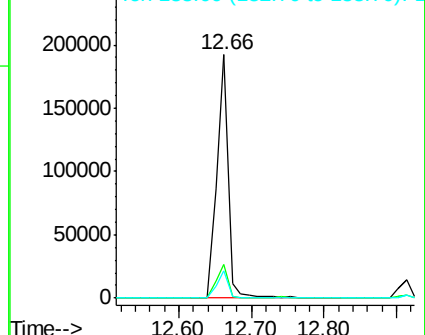
183 11.3 9.3 13.9

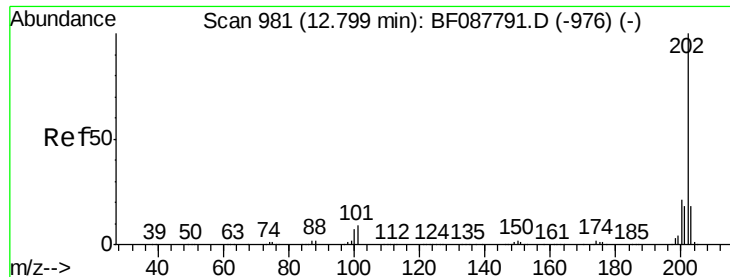


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



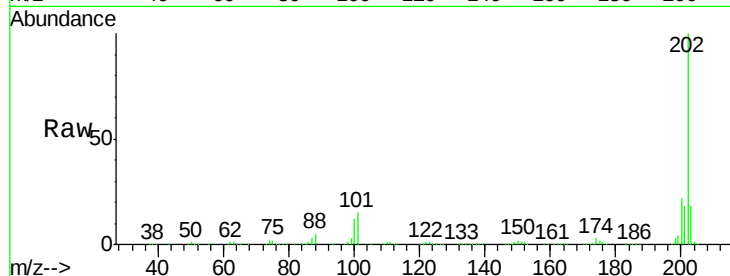


#77
 Pyrene
 Concen: 46.02 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.03 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

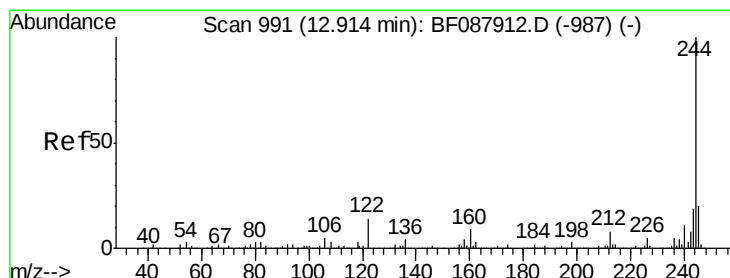
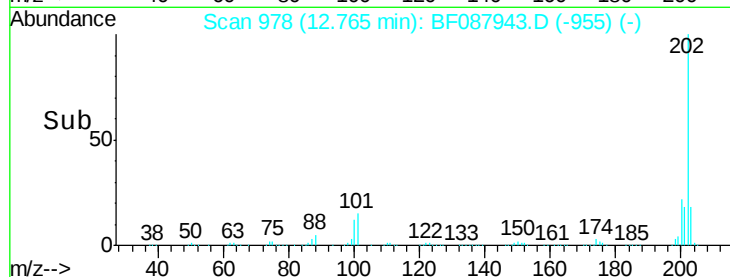
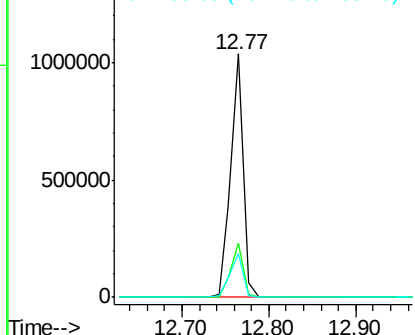
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

Tgt Ion: 202 Resp: 1037962

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.0	14.5	21.7



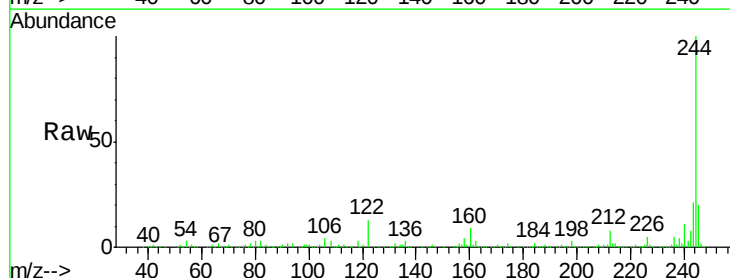
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



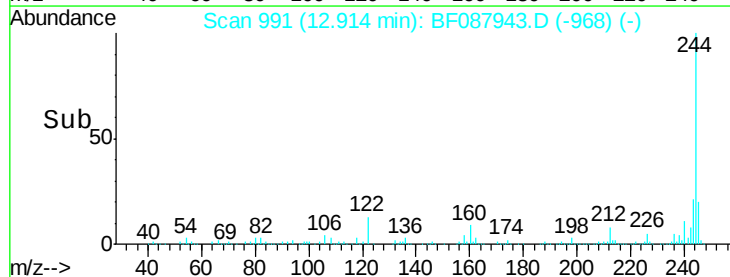
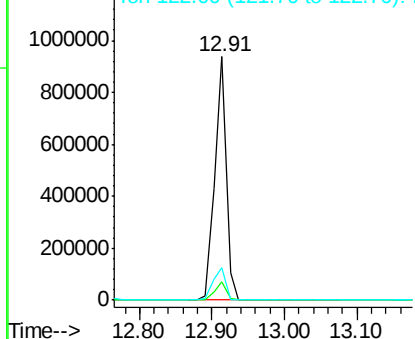
#78
 Terphenyl-d14
 Concen: 77.06 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

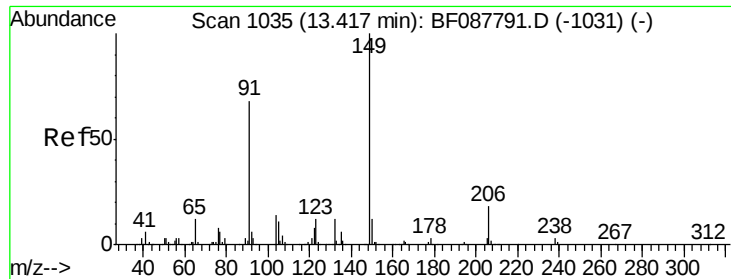
Tgt Ion: 244 Resp: 1029128

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.1	11.2	16.8



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

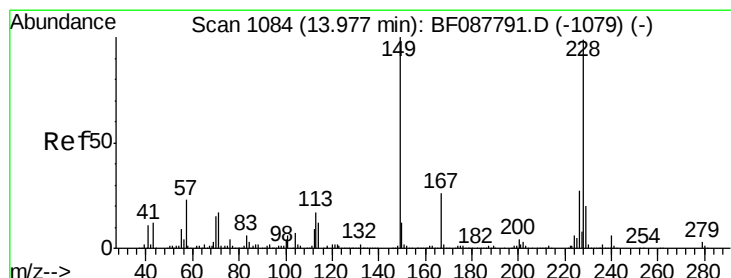
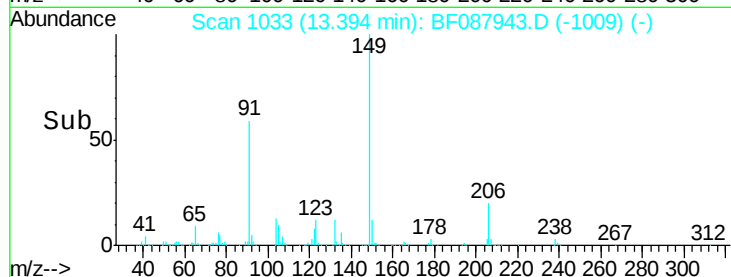
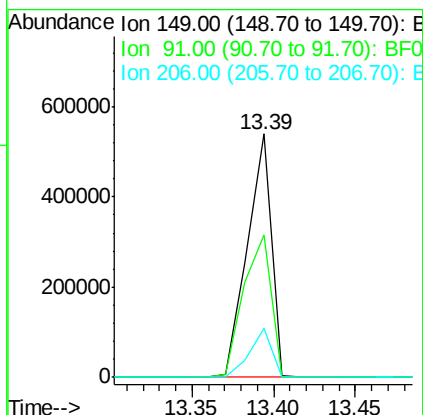
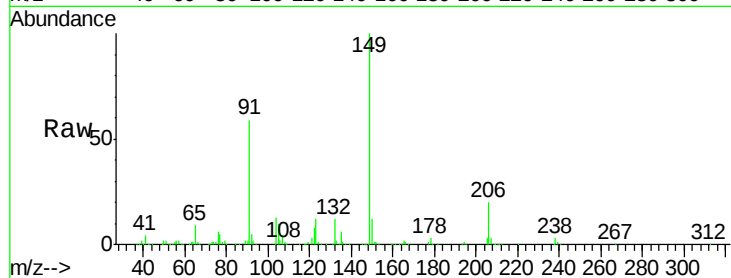




#79
Butylbenzylphthalate
Concen: 55.36 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

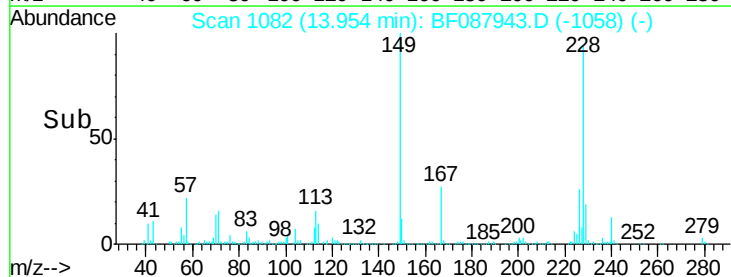
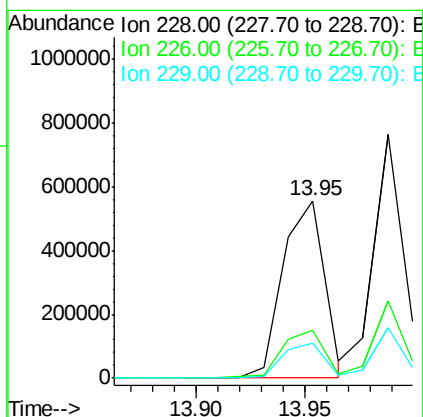
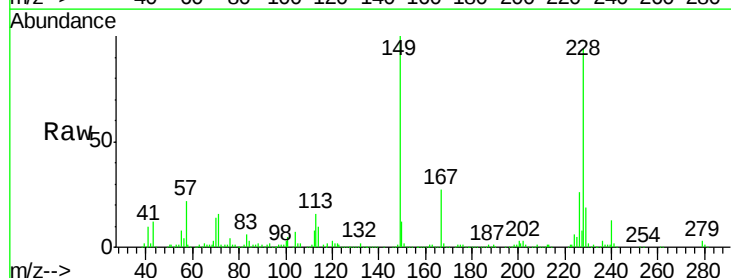
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

Tgt Ion:149 Resp: 551959
Ion Ratio Lower Upper
149 100
91 58.6 48.0 72.0
206 20.3 16.0 24.0



#80
Benzo(a)anthracene
Concen: 43.17 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

Tgt Ion:228 Resp: 747721
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 19.8 16.0 24.0

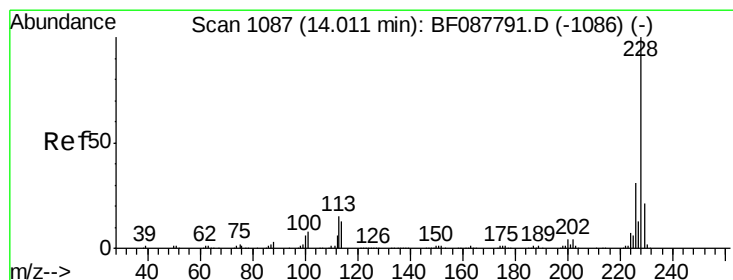
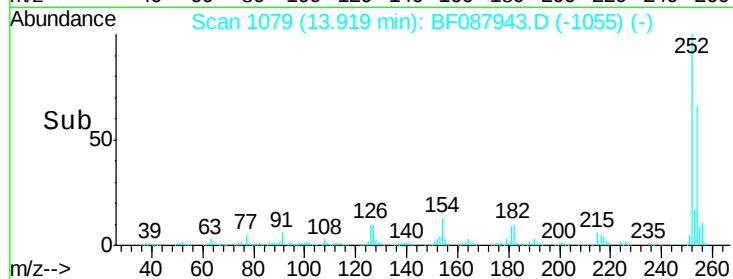
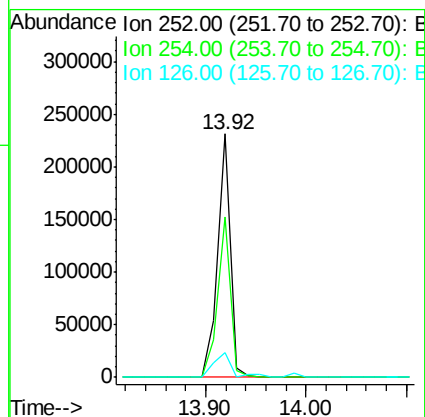
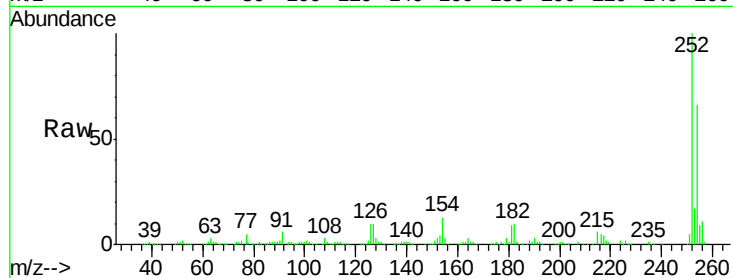




#81
 3,3'-Dichlorobenzidine
 Concen: 43.98 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

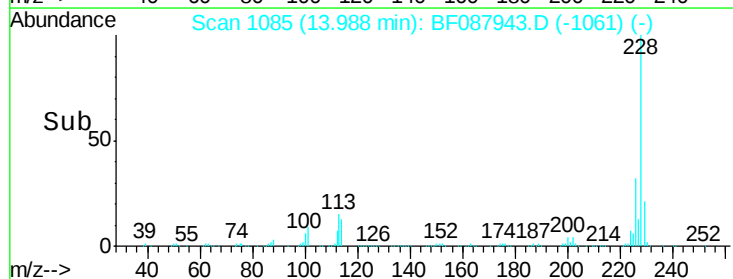
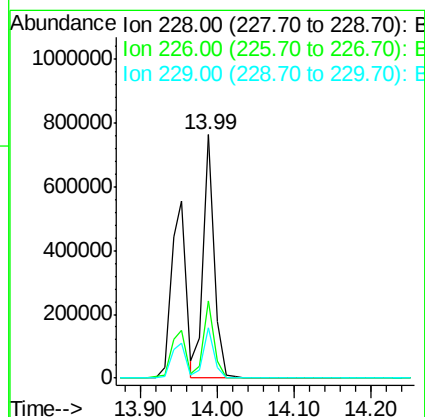
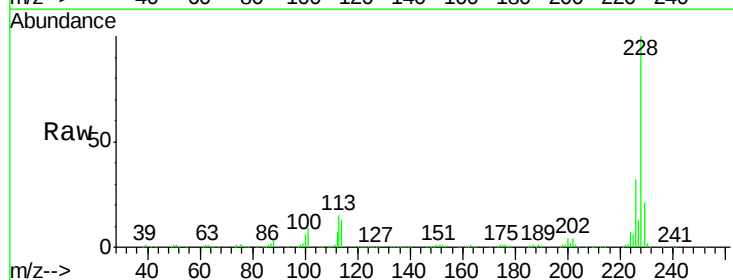
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

Tgt Ion: 252 Resp: 204839
 Ion Ratio Lower Upper
 252 100
 254 65.6 52.6 78.8
 126 10.3 6.2 9.2#



#82
 Chrysene
 Concen: 45.90 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

Tgt Ion: 228 Resp: 747917
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.4 38.2
 229 20.6 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.84 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MS

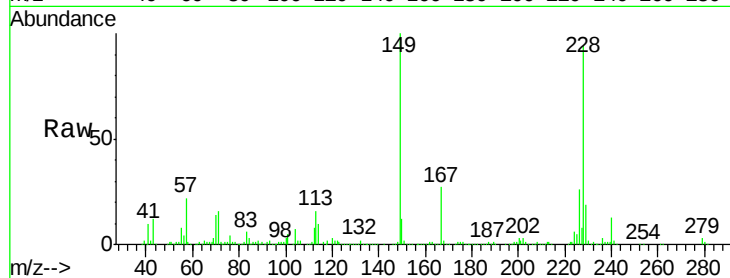
Tgt Ion:149 Resp: 568491

Ion Ratio Lower Upper

149 100

167 26.5 20.5 30.7

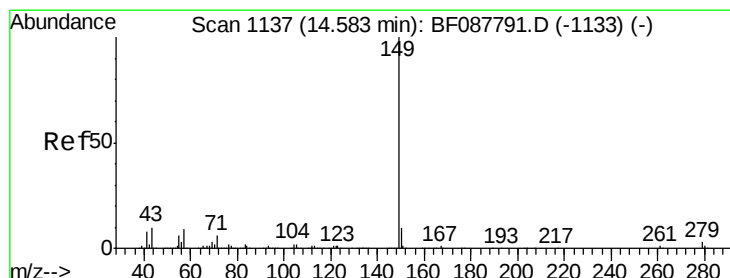
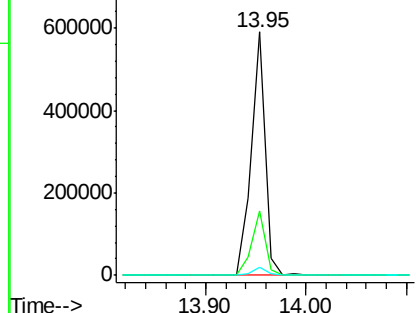
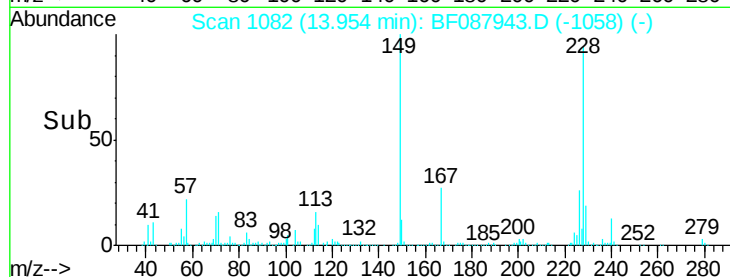
279 3.3 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.89 ng

RT: 14.56 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF087943.D

Acq: 12 Jun 2016 12:12

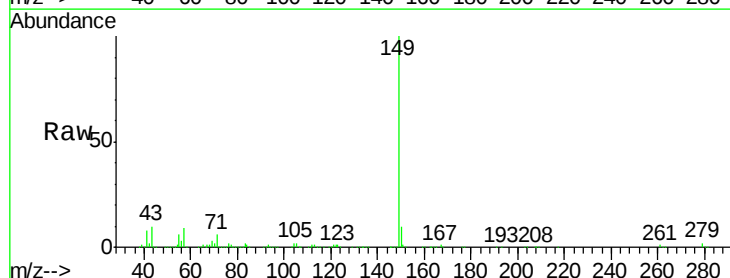
Tgt Ion:149 Resp: 1023415

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

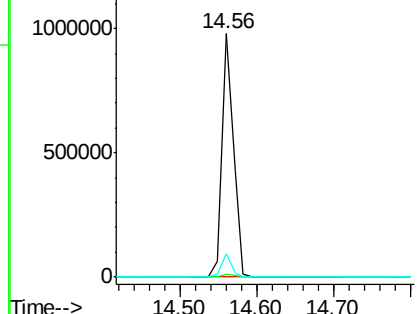
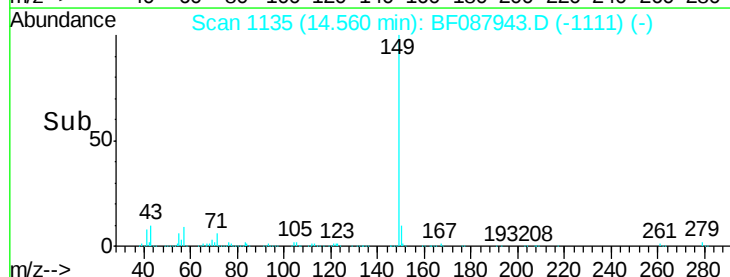
43 8.5 0.0 0.0#

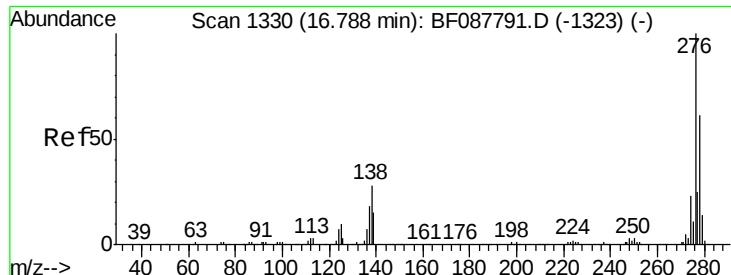


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

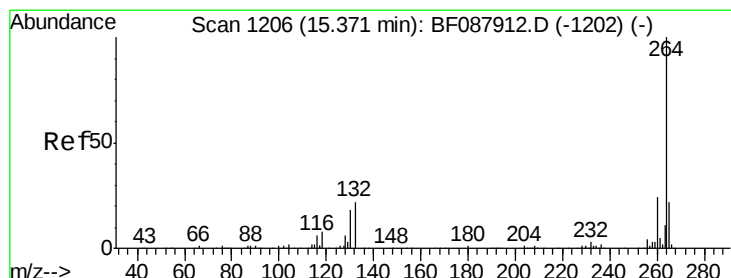
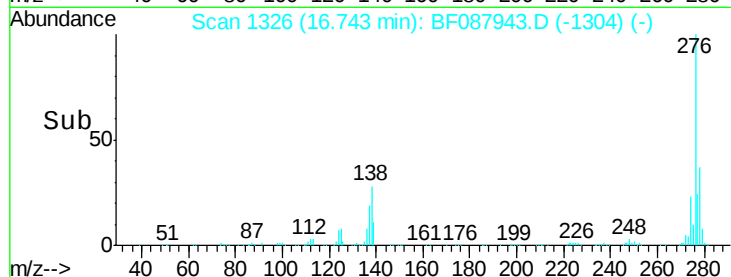
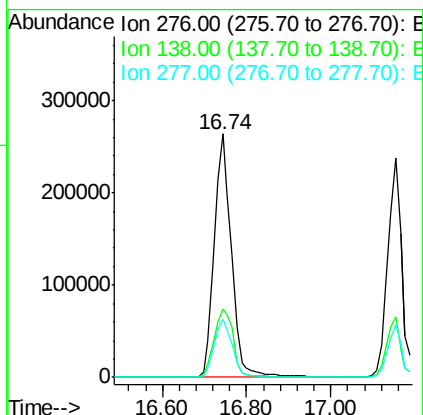
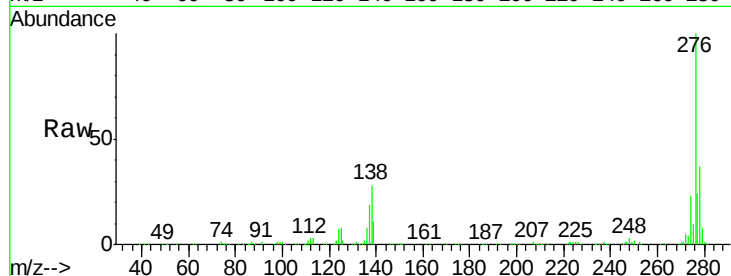




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.84 ng
 RT: 16.74 min Scan# 1326
 Delta R.T. -0.05 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

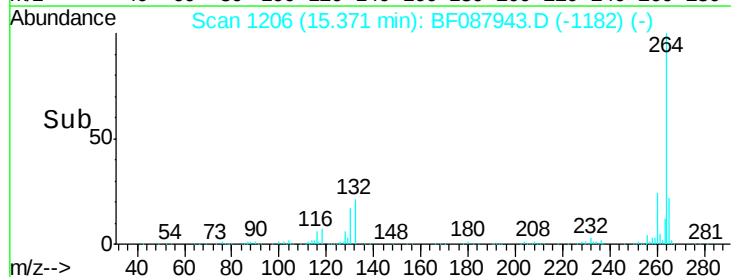
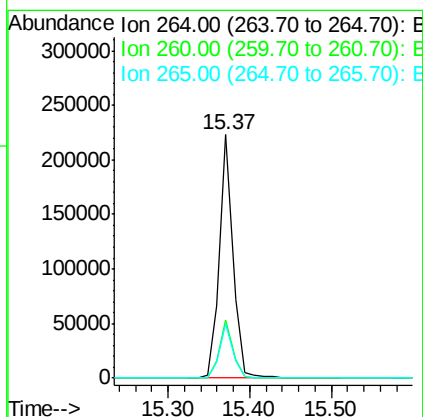
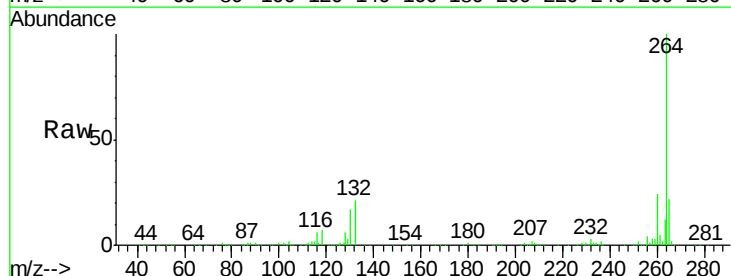
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

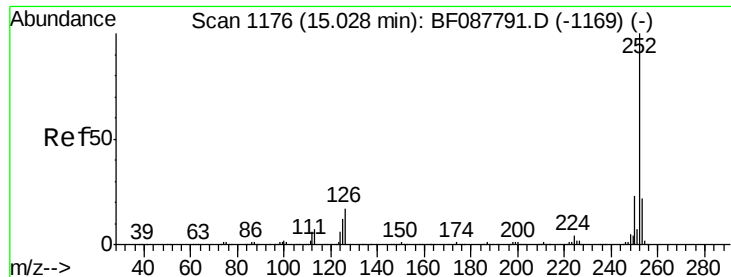
Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.4	0.0	0.0#
277	25.1	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.1	16.9	25.3

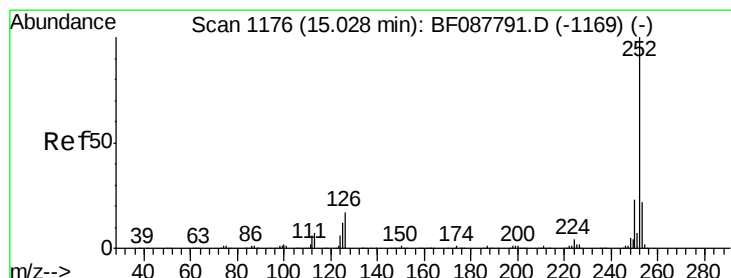
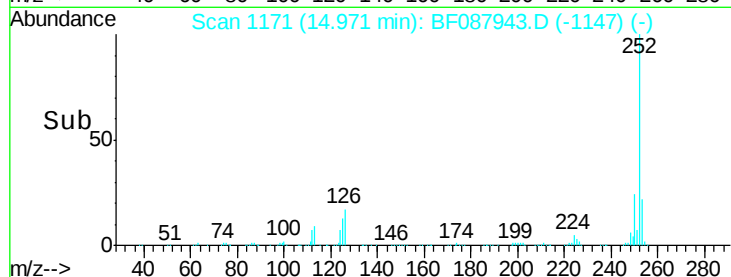
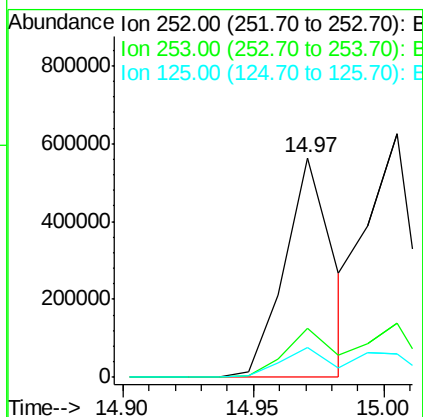
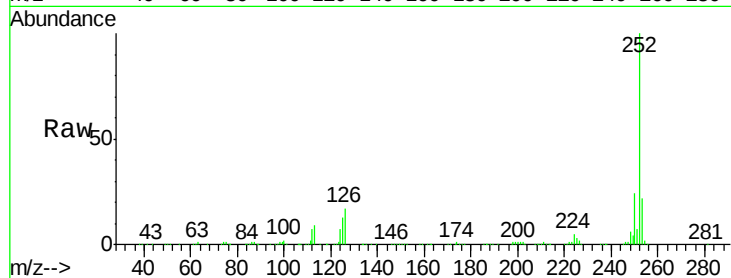




#87
Benzo(b)fluoranthene
Concen: 40.35 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

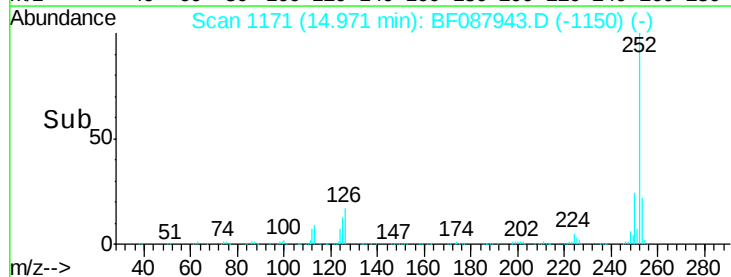
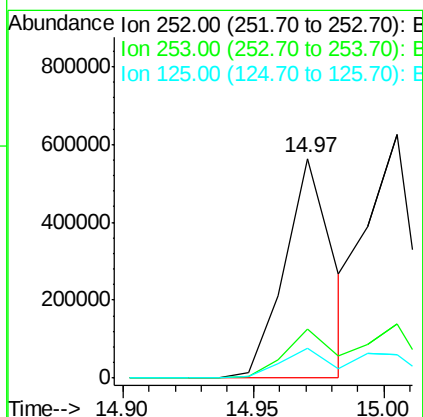
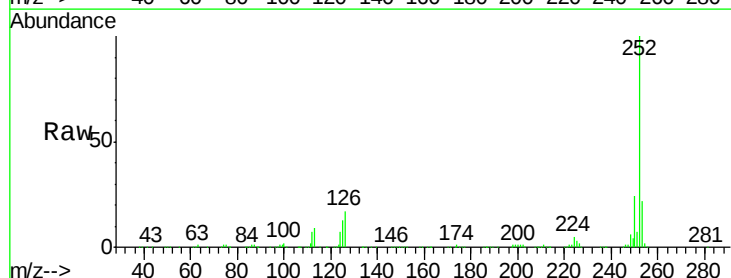
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

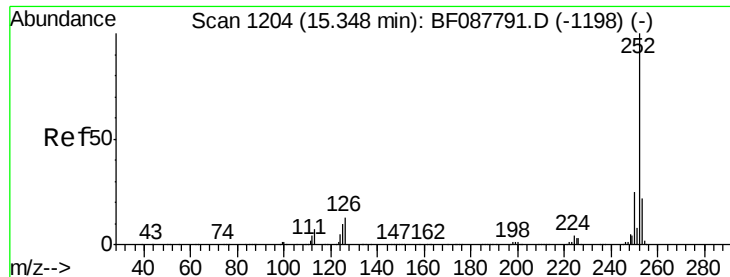
Tgt Ion:252 Resp: 725353
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 13.4 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 53.49 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.06 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

Tgt Ion:252 Resp: 725353
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 13.4 11.2 16.8

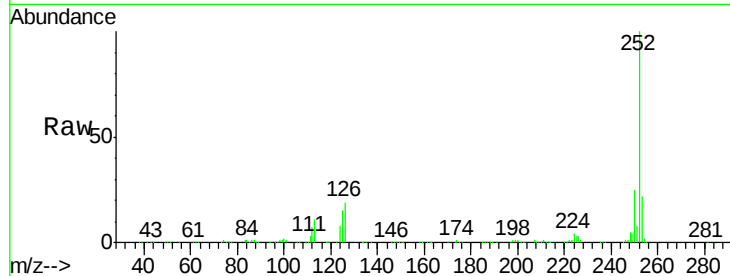




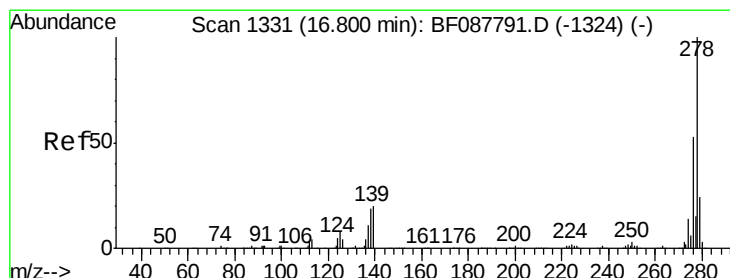
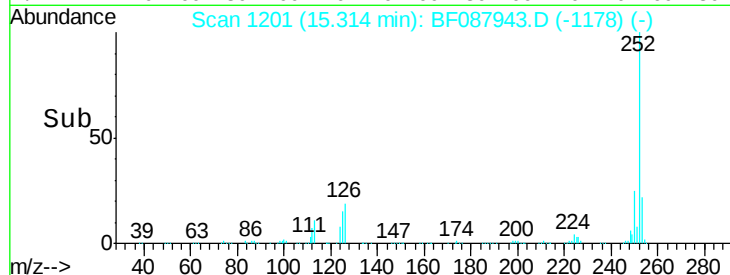
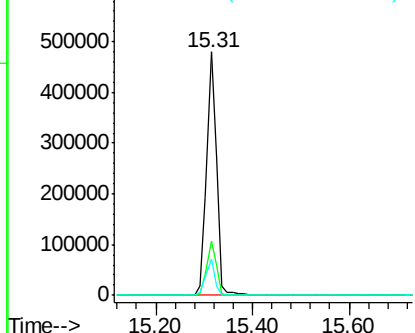
#89
Benzo(a)pyrene
Concen: 47.24 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MS

Tgt Ion: 252 Resp: 686979
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 15.0 12.5 18.7

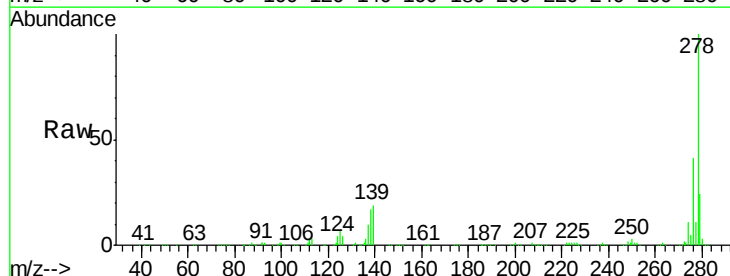


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

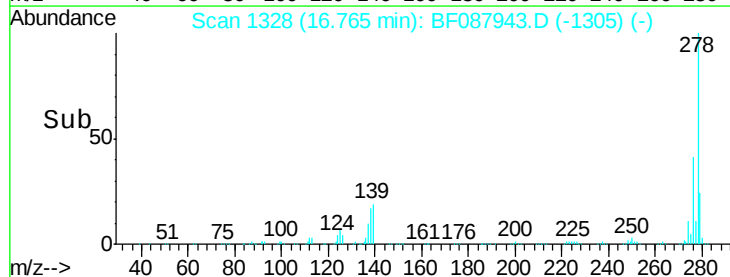
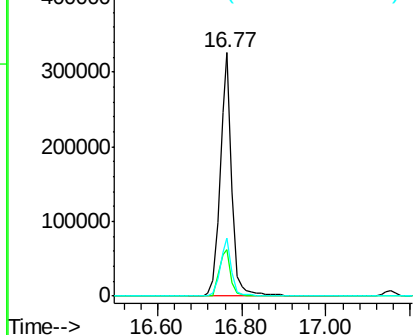


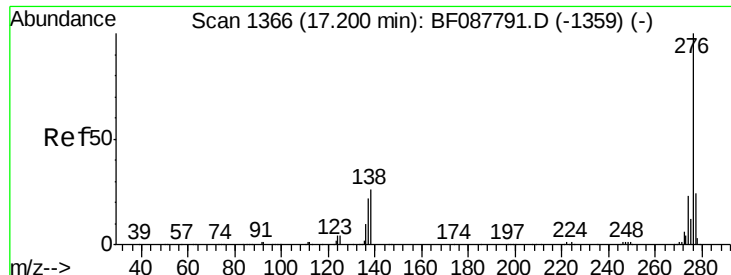
#90
Dibenzo(a,h)anthracene
Concen: 46.44 ng
RT: 16.77 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF087943.D
Acq: 12 Jun 2016 12:12

Tgt Ion: 278 Resp: 627236
Ion Ratio Lower Upper
278 100
139 19.2 15.7 23.5
279 23.7 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

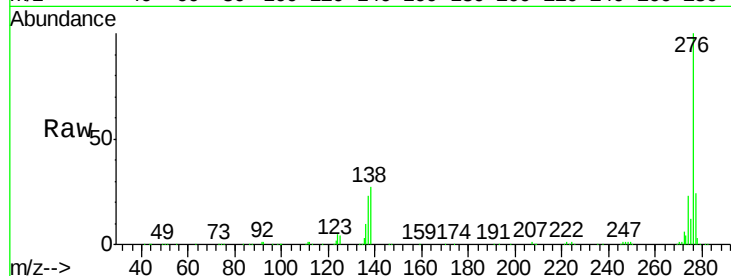




#91
 Benzo(g,h,i)perylene
 Concen: 44.35 ng
 RT: 17.15 min Scan# 1362
 Delta R.T. -0.05 min
 Lab File: BF087943.D
 Acq: 12 Jun 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	27.4	21.4	32.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

