

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
 Data File : BF090032.D
 Acq On : 8 Sep 2016 18:52
 Operator : UM/SJ
 Sample : H4704-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MSD

Quant Time: Sep 09 04:37:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	204555	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	810771	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	419179	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	765018	20.00	ng	0.00
75) Chrysene-d12	13.73	240	454559	20.00	ng	0.00
86) Perylene-d12	15.06	264	471884	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	1411070	110.42	ng	0.02
7) Phenol-d6	6.26	99	1742480	112.21	ng	0.01
23) Nitrobenzene-d5	7.18	82	1071459	76.64	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	426956	103.24	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	1851811	72.52	ng	0.00
78) Terphenyl-d14	12.69	244	1471556	79.97	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.10	88	161128	26.61	ng	# 95
3) Pyridine	2.72	79	376281	23.29	ng	100
4) n-Nitrosodimethylamine	2.67	42	261183	32.79	ng	97
6) Aniline	6.26	93	562646	26.56	ng	92
8) 2-Chlorophenol	6.39	128	508258	36.66	ng	99
9) Benzaldehyde	6.14	77	67517	6.74	ng	91
10) Phenol	6.27	94	611235	33.85	ng	# 71
11) bis(2-Chloroethyl)ether	6.34	93	502059	36.74	ng	98
12) 1,3-Dichlorobenzene	6.78	146	466749	30.14	ng	99
13) 1,4-Dichlorobenzene	6.62	146	554463	35.00	ng	98
14) 1,2-Dichlorobenzene	6.78	146	499191	35.15	ng	96
15) Benzyl Alcohol	6.75	79	363761	37.39	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	869740	33.38	ng	92
17) 2-Methylphenol	6.88	107	407237	36.78	ng	99
18) Hexachloroethane	7.11	117	178075	32.81	ng	# 89
19) n-Nitroso-di-n-propylamine	7.03	70	336283	33.23	ng	# 87
20) 3+4-Methylphenols	7.04	107	513381	38.25	ng	# 71
22) Acetophenone	7.02	105	632778	34.79	ng	# 92
24) Nitrobenzene	7.19	77	479691	32.27	ng	96
25) Isophorone	7.44	82	980207	34.48	ng	98
26) 2-Nitrophenol	7.51	139	289103	40.69	ng	95
27) 2,4-Dimethylphenol	7.56	122	480412	36.55	ng	96
28) bis(2-Chloroethoxy)methane	7.66	93	630988	36.80	ng	99
29) 2,4-Dichlorophenol	7.76	162	443309	37.63	ng	90
30) 1,2,4-Trichlorobenzene	7.84	180	480284	37.29	ng	98
31) Naphthalene	7.91	128	1360301	33.68	ng	100
32) Benzoic acid	7.66	122	74287	8.39	ng	89
33) 4-Chloroaniline	7.96	127	484459	29.73	ng	100
34) Hexachlorobutadiene	8.03	225	265370	35.16	ng	98
35) Caprolactam	8.34	113	86645	23.30	ng	88
36) 4-Chloro-3-methylphenol	8.46	107	438636	35.15	ng	# 81
37) 2-Methylnaphthalene	8.60	142	1008062	37.77	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	389112	31.69	ng	99
40) Hexachlorocyclopentadiene	8.75	237	286994	45.58	ng	94

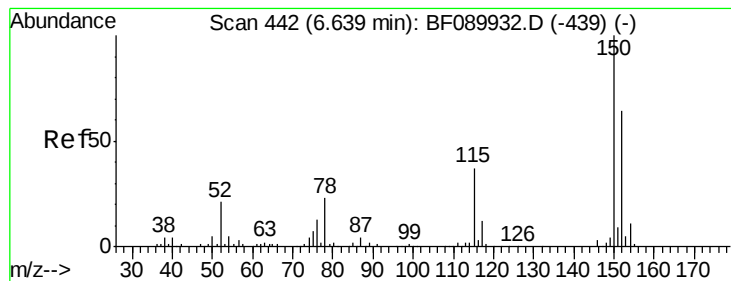
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	294533	34.61	ng	99
43) 2,4,5-Trichlorophenol	8.92	196	335286	40.97	ng	98
45) 1,1'-Biphenyl	9.06	154	1031459	30.56	ng	99
46) 2-Chloronaphthalene	9.08	162	863651	36.17	ng	99
47) 2-Nitroaniline	9.19	65	304584	39.03	ng	# 86
48) Acenaphthylene	9.50	152	1383230	35.04	ng	99
49) Dimethylphthalate	9.38	163	1606024	53.01	ng	99
50) 2,6-Dinitrotoluene	9.44	165	257143	38.16	ng	# 69
51) Acenaphthene	9.67	154	901259	36.04	ng	99
52) 3-Nitroaniline	9.60	138	242546	31.56	ng	85
53) 2,4-Dinitrophenol	9.70	184	114531	36.04	ng	# 83
54) Dibenzofuran	9.84	168	1249192	37.27	ng	99
55) 4-Nitrophenol	9.77	139	367993	63.48	ng	# 62
56) 2,4-Dinitrotoluene	9.83	165	289605	33.89	ng	# 74
57) Fluorene	10.18	166	968742	39.55	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	285956	40.82	ng	92
59) Diethylphthalate	10.08	149	1041400	36.54	ng	95
60) 4-Chlorophenyl-phenylether	10.18	204	448594	38.92	ng	95
61) 4-Nitroaniline	10.20	138	247036	32.71	ng	91
62) Azobenzene	10.33	77	1051926	36.95	ng	99
64) 4,6-Dinitro-2-methylphenol	10.24	198	111297	22.72	ng	# 62
65) n-Nitrosodiphenylamine	10.30	169	833700	36.25	ng	98
66) 4-Bromophenyl-phenylether	10.66	248	310046	40.26	ng	99
67) Hexachlorobenzene	10.72	284	291089	33.09	ng	100
68) Atrazine	10.83	200	296577	38.63	ng	95
69) Pentachlorophenol	10.91	266	294425	62.21	ng	99
70) Phenanthrene	11.13	178	1410161	37.02	ng	100
71) Anthracene	11.18	178	1427355	36.94	ng	99
72) Carbazole	11.34	167	1241149	34.26	ng	99
73) Di-n-butylphthalate	11.69	149	1542329	36.52	ng	# 97
74) Fluoranthene	12.31	202	1460415	36.58	ng	99
76) Benzidine	12.45	184	711730	41.33	ng	95
77) Pyrene	12.53	202	1305057	40.72	ng	99
79) Butylbenzylphthalate	13.17	149	560643	43.38	ng	95
80) Benzo(a)anthracene	13.71	228	1125054	40.41	ng	99
81) 3,3'-Dichlorobenzidine	13.68	252	374649	37.28	ng	99
82) Chrysene	13.75	228	1070395	41.16	ng	98
83) Bis(2-ethylhexyl)phthalate	13.73	149	703707	39.36	ng	# 94
84) Di-n-octyl phthalate	14.34	149	1215863	42.14	ng	99
85) Indeno(1,2,3-cd)pyrene	16.27	276	909788	47.32	ng	99
87) Benzo(b)fluoranthene	14.73	252	2119249	71.69	ng	100
88) Benzo(k)fluoranthene	14.73	252	2119249	84.48	ng	# 98
89) Benzo(a)pyrene	15.01	252	955427	37.72	ng	# 96
90) Dibenzo(a,h)anthracene	16.29	278	751121	40.48	ng	97
91) Benzo(g,h,i)perylene	16.63	276	737644	39.49	ng	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

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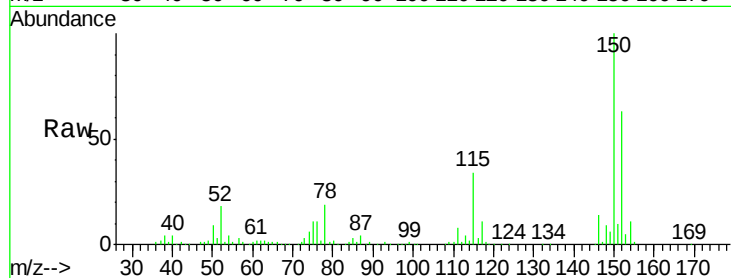
Tgt Ion:152 Resp: 204555

Ion Ratio Lower Upper

152 100

150 157.5 127.4 191.2

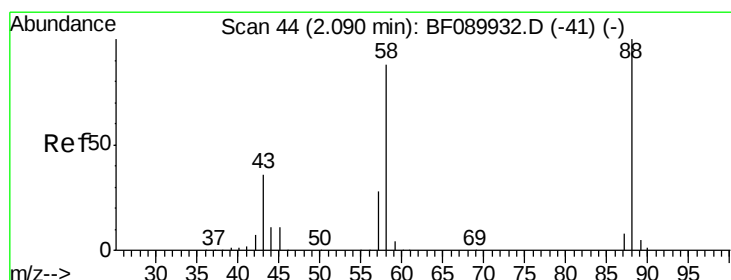
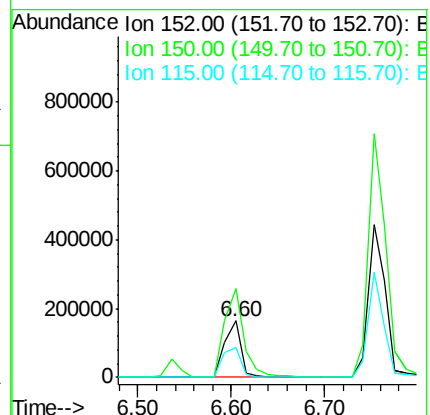
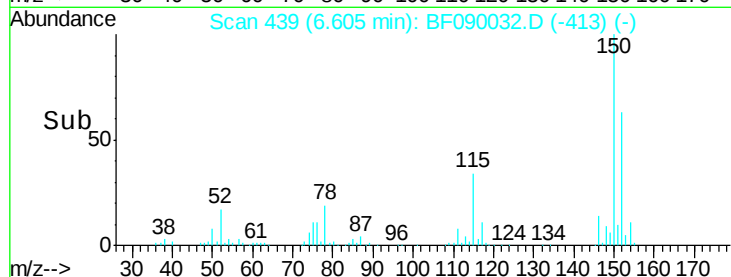
115 53.6 46.3 69.5



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: 26.61 ng

RT: 2.10 min Scan# 45

Delta R.T. 0.07 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

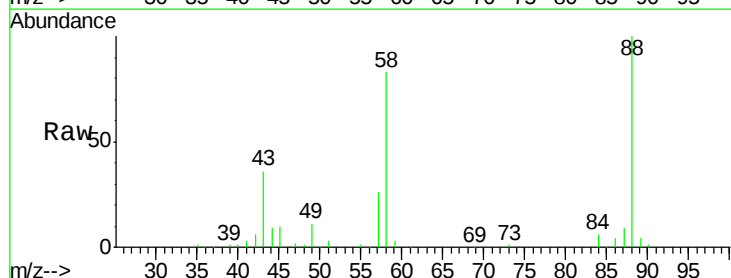
Tgt Ion: 88 Resp: 161128

Ion Ratio Lower Upper

88 100

58 87.9 68.8 103.2

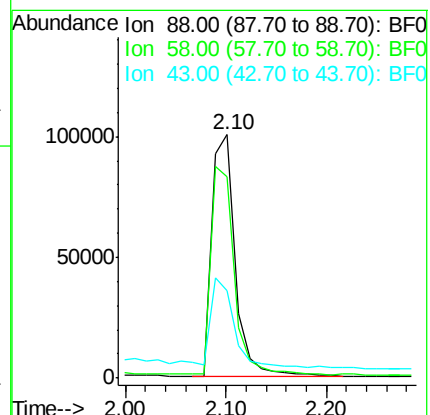
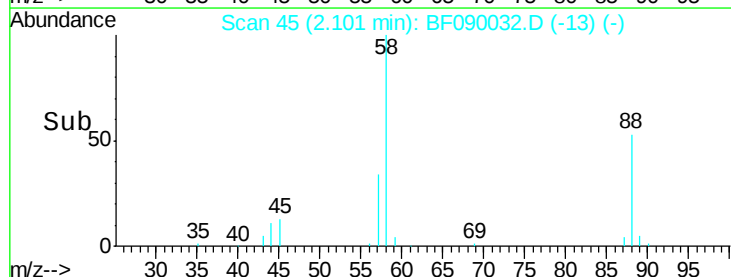
43 41.8 27.0 40.6#

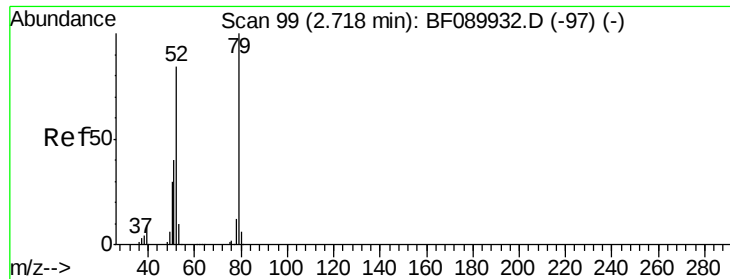


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 23.29 ng

RT: 2.72 min Scan# 99

Delta R.T. 0.06 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

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ClientSampleId :

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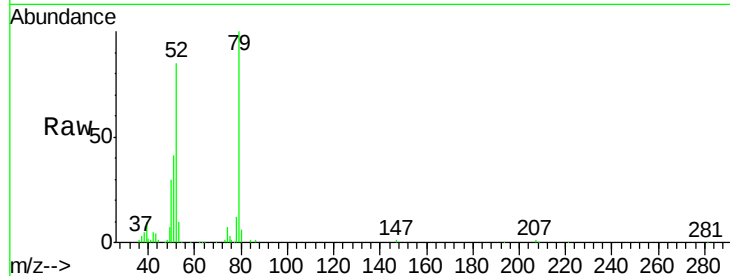
Tgt Ion: 79 Resp: 376281

Ion Ratio Lower Upper

79 100

52 84.6 67.8 101.6

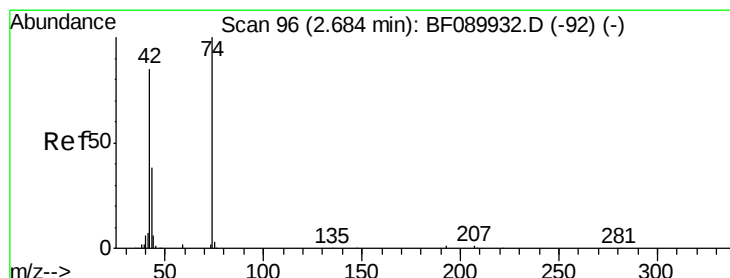
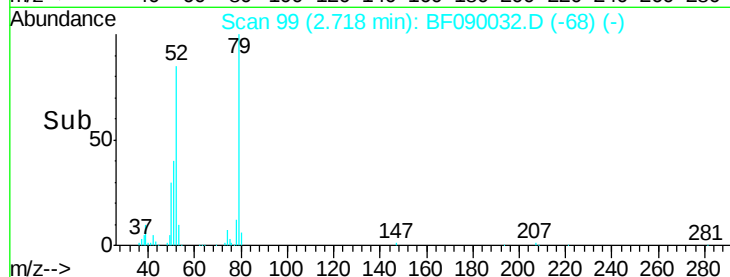
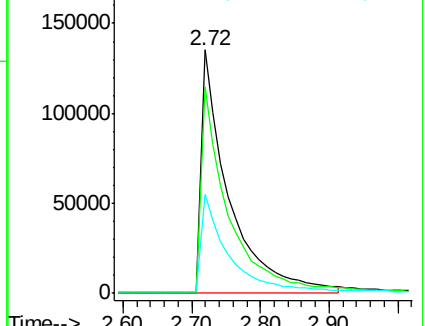
51 40.6 32.9 49.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.79 ng

RT: 2.67 min Scan# 95

Delta R.T. 0.06 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

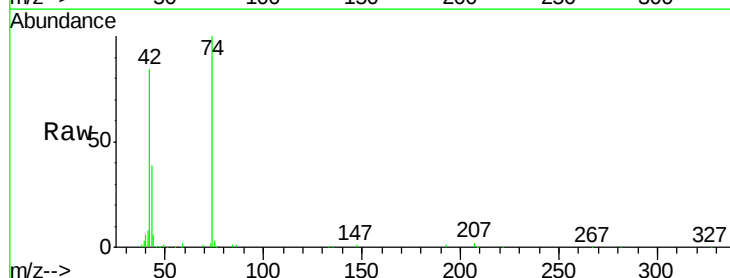
Tgt Ion: 42 Resp: 261183

Ion Ratio Lower Upper

42 100

74 119.0 92.0 138.0

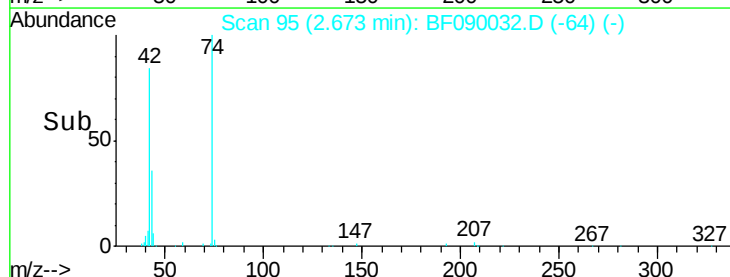
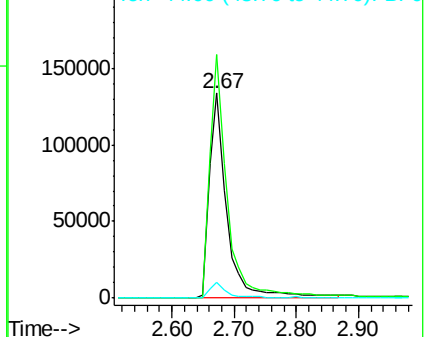
44 7.5 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 110.42 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.02 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

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ClientSampleId :

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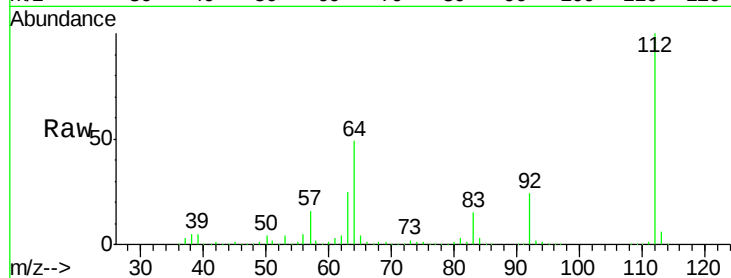
Tgt Ion: 112 Resp: 1411070

Ion Ratio Lower Upper

112 100

64 49.1 41.1 61.7

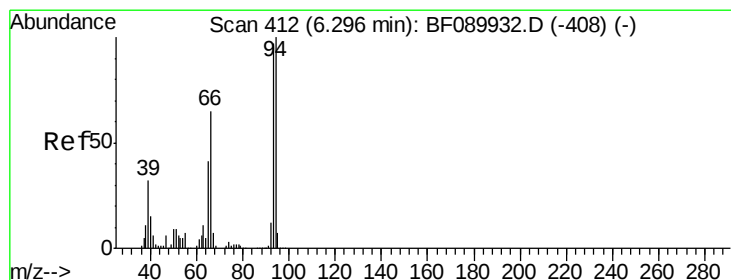
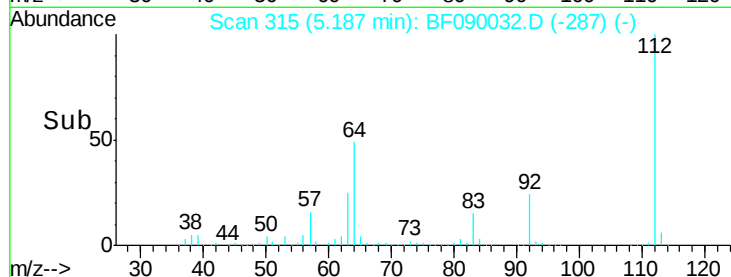
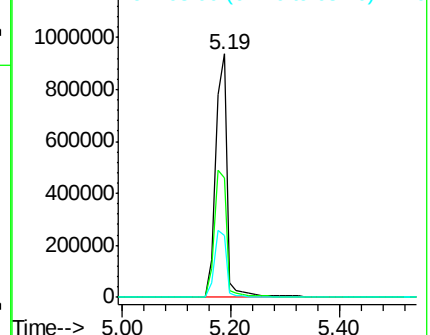
63 25.3 21.2 31.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.56 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

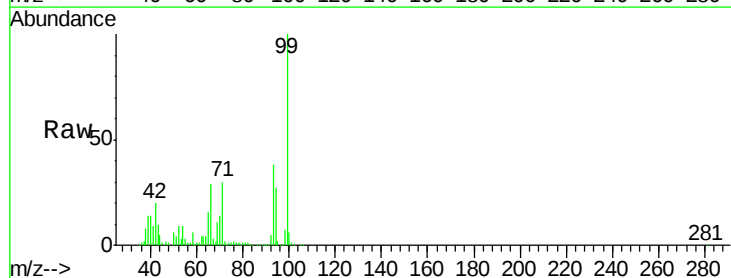
Tgt Ion: 93 Resp: 562646

Ion Ratio Lower Upper

93 100

66 76.7 52.9 79.3

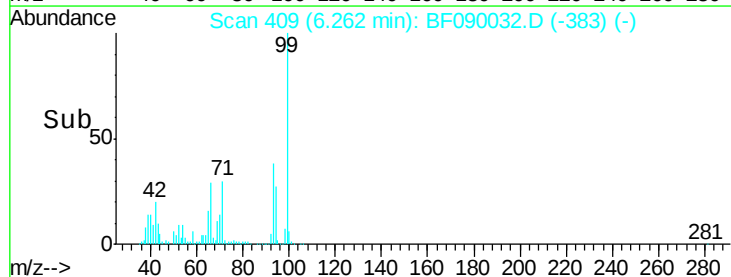
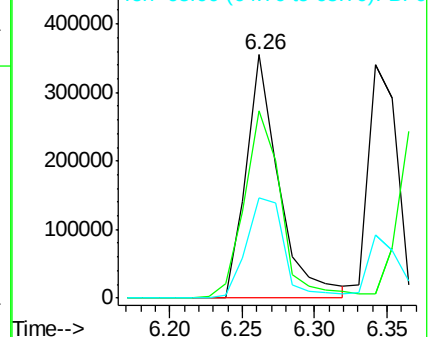
65 41.3 33.0 49.6

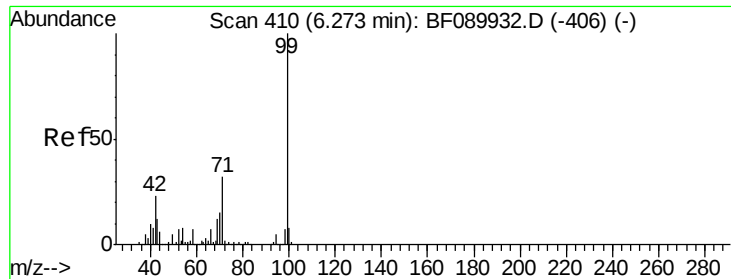


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.21 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

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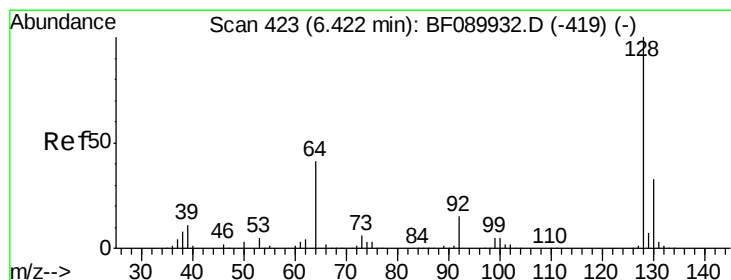
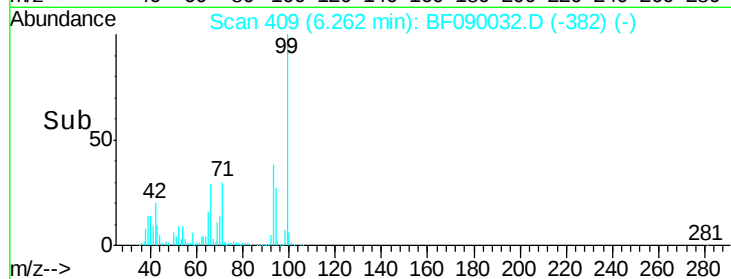
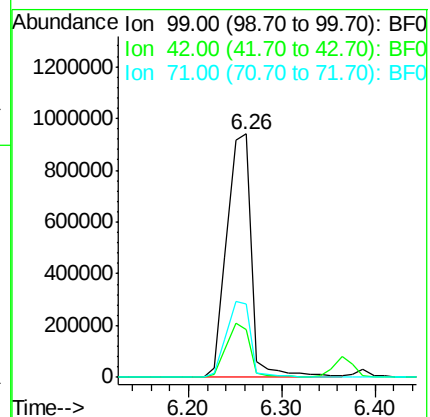
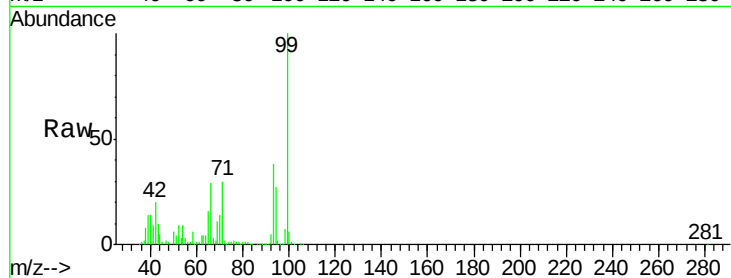
Tgt Ion: 99 Resp: 1742480

Ion Ratio Lower Upper

99 100

42 19.8 18.6 27.8

71 30.1 25.8 38.6



#8

2-Chlorophenol

Concen: 36.66 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

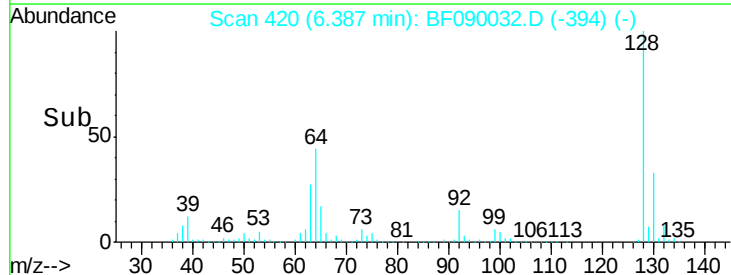
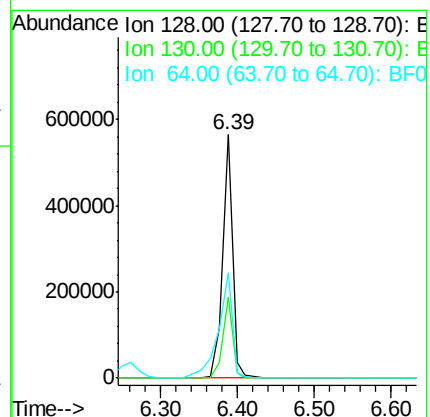
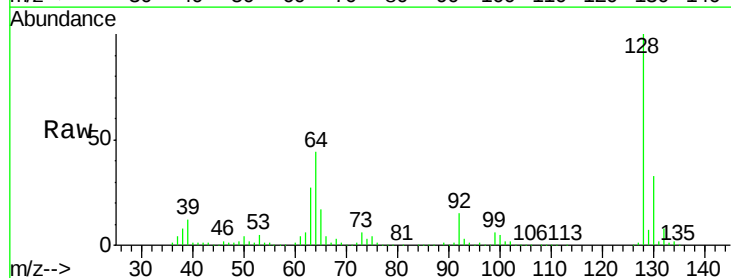
Tgt Ion: 128 Resp: 508258

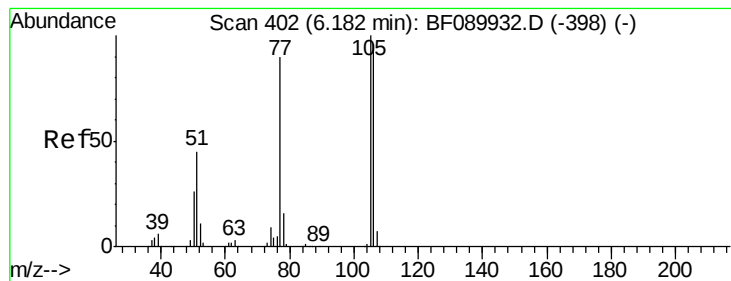
Ion Ratio Lower Upper

128 100

130 33.5 12.8 52.8

64 43.5 23.2 63.2





#9

Benzaldehyde

Concen: 6.74 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

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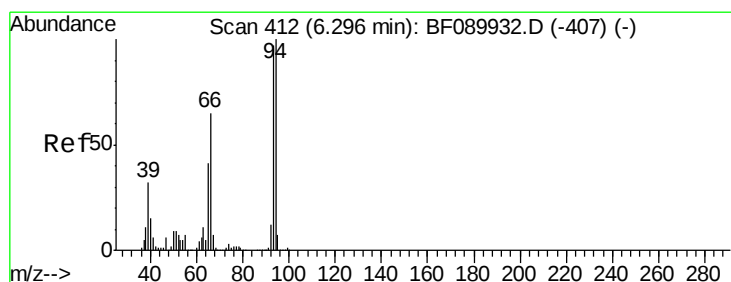
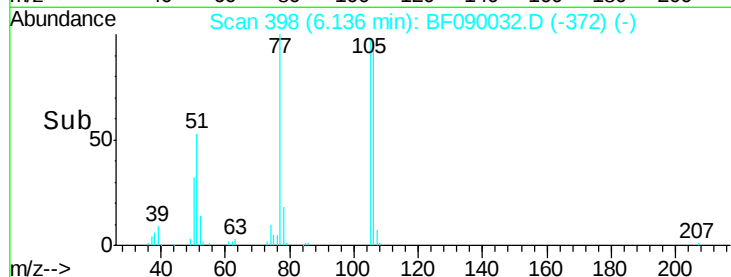
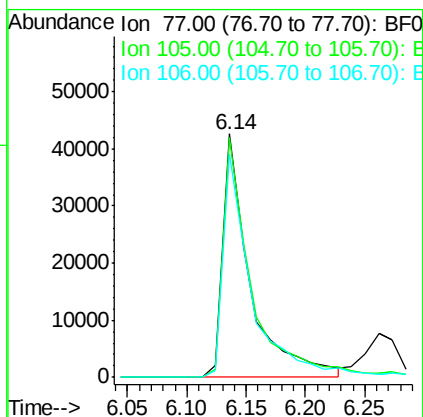
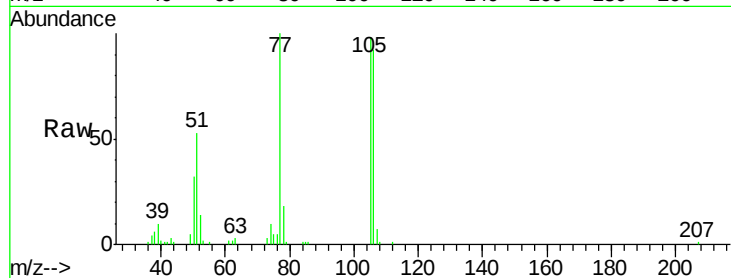
Tgt Ion: 77 Resp: 67517

Ion Ratio Lower Upper

77 100

105 98.5 85.4 125.4

106 91.6 83.4 123.4



#10

Phenol

Concen: 33.85 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

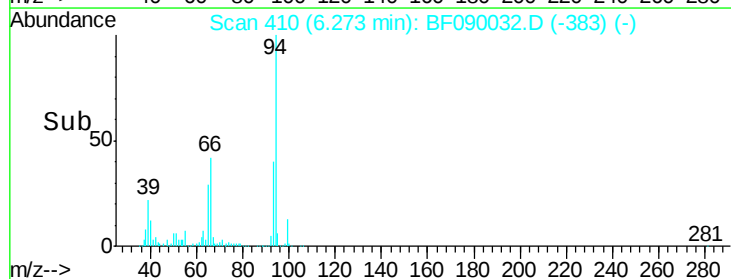
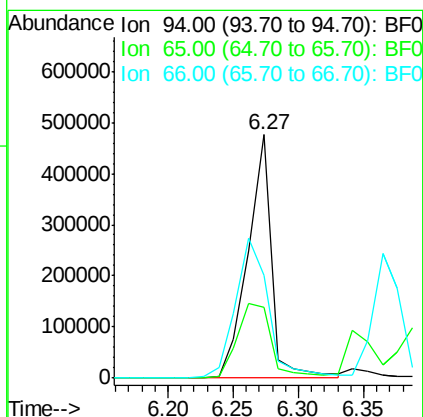
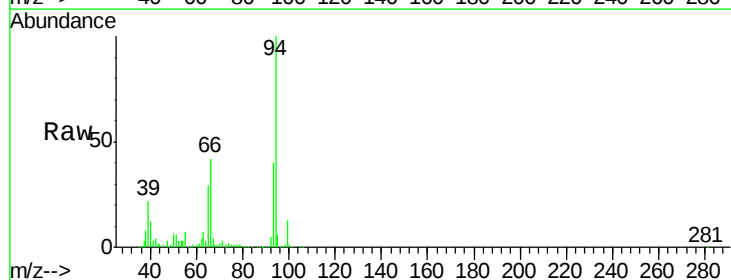
Tgt Ion: 94 Resp: 611235

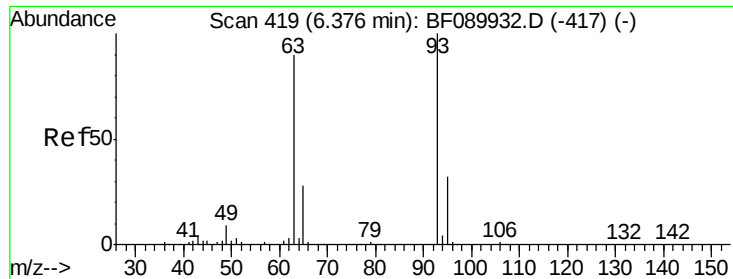
Ion Ratio Lower Upper

94 100

65 29.1 23.2 63.2

66 42.2 49.2 89.2#

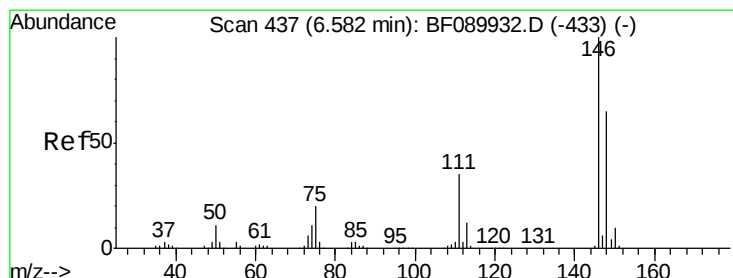
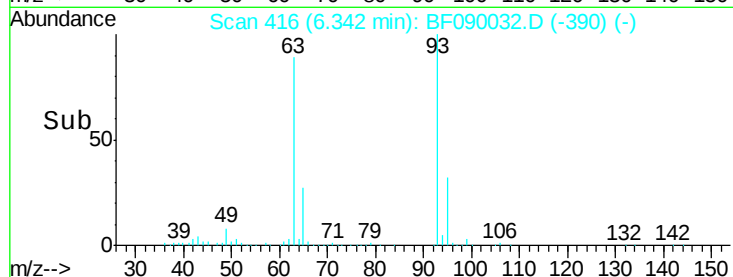
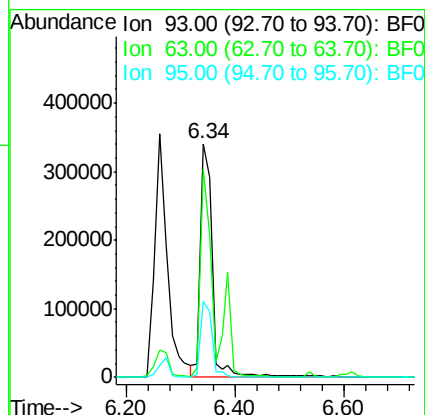
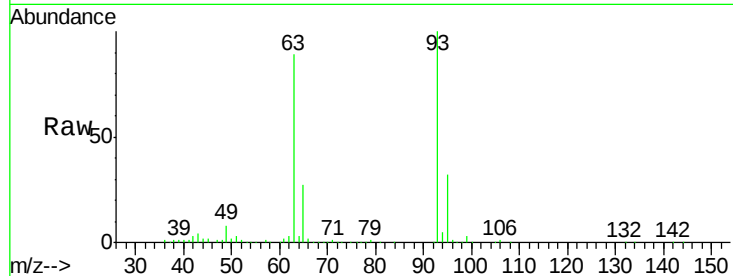




#11
bis(2-Chloroethyl)ether
Concen: 36.74 ng
RT: 6.34 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

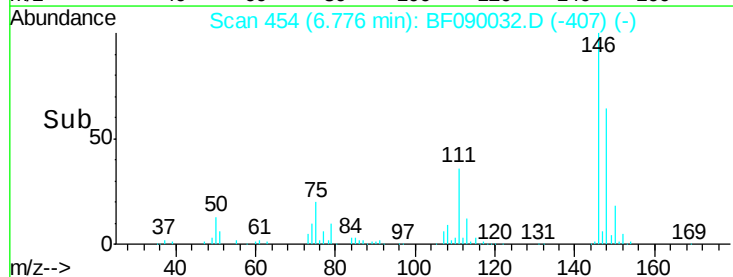
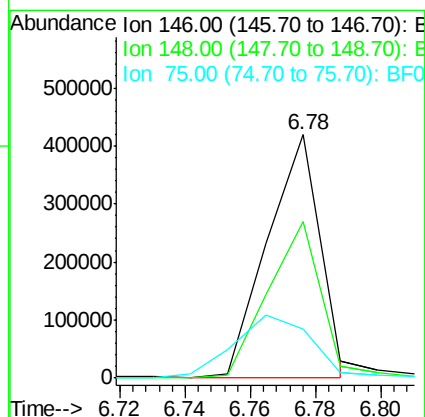
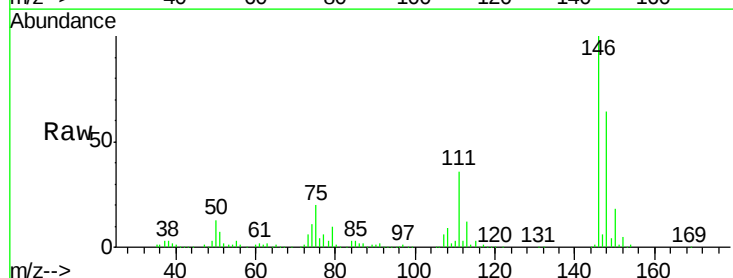
Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MSD

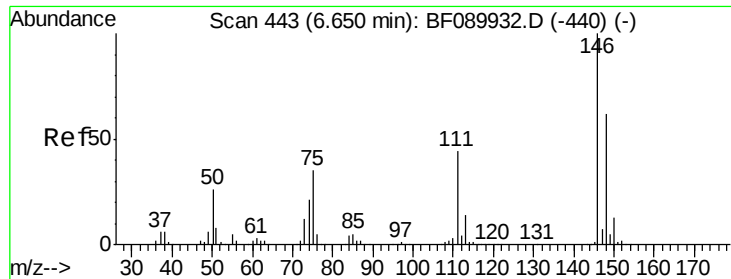
Tgt Ion: 93 Resp: 502059
Ion Ratio Lower Upper
93 100
63 88.9 71.1 111.1
95 32.3 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 30.14 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.24 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion: 146 Resp: 466749
Ion Ratio Lower Upper
146 100
148 64.3 52.5 78.7
75 20.3 16.6 24.8

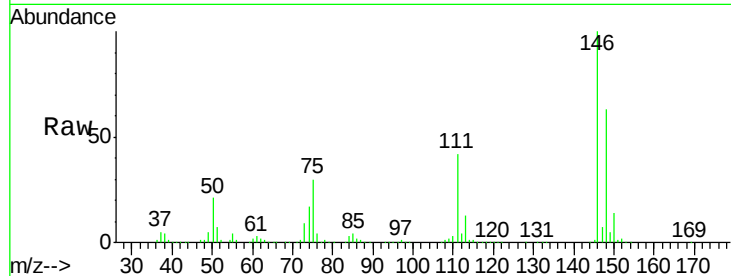




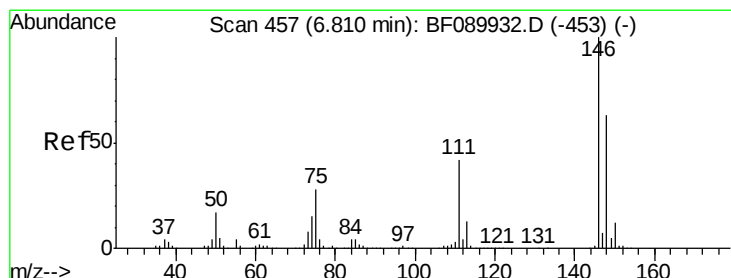
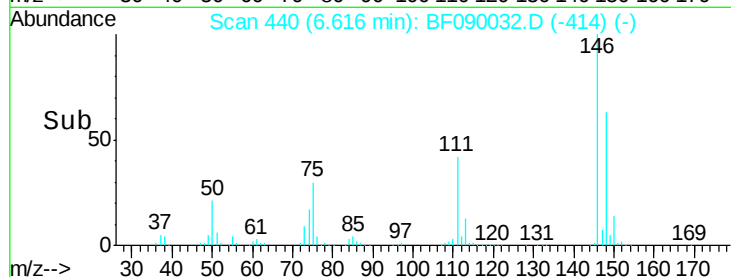
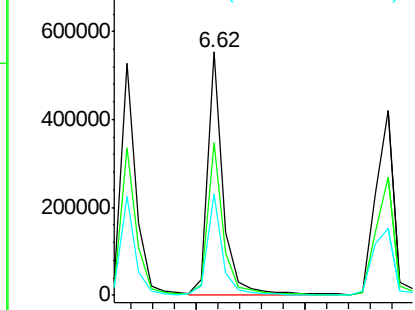
#13
 1,4-Dichlorobenzene
 Concen: 35.00 ng
 RT: 6.62 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MSD

Tgt Ion:146 Resp: 554463
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.1 75.1
 111 41.6 35.8 53.6

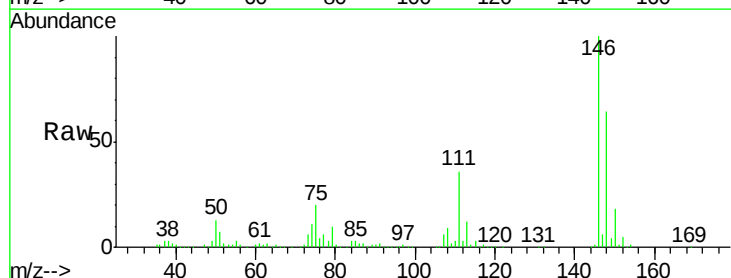


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

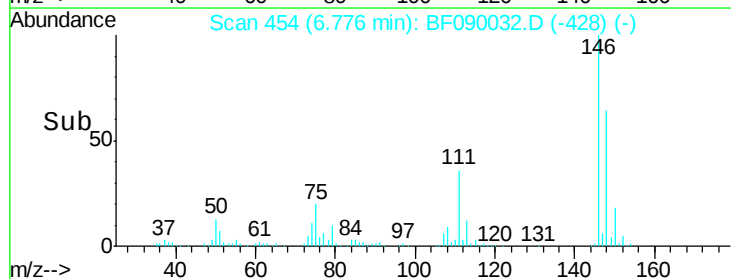
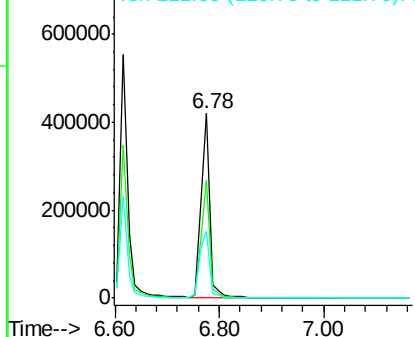


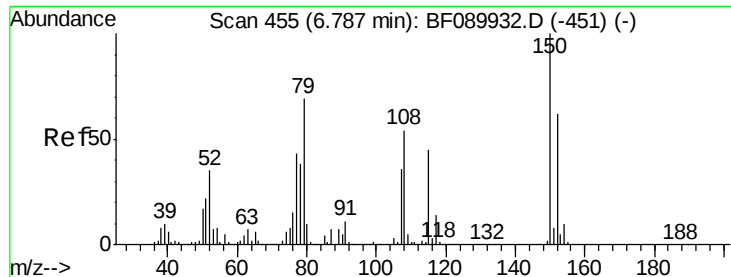
#14
 1,2-Dichlorobenzene
 Concen: 35.15 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Tgt Ion:146 Resp: 499191
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.2
 111 36.2 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 37.39 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

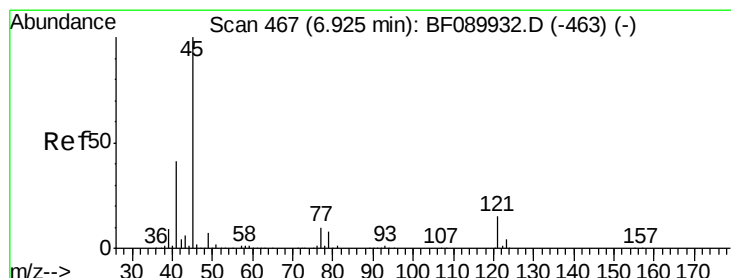
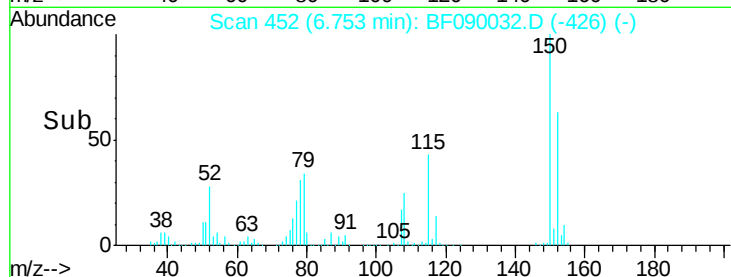
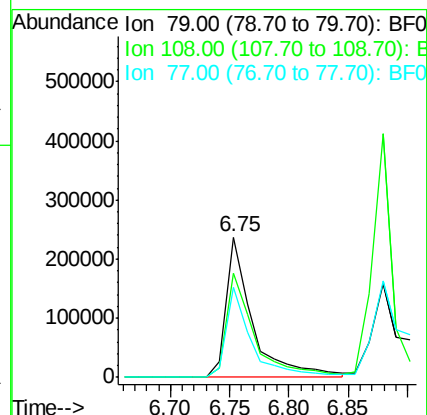
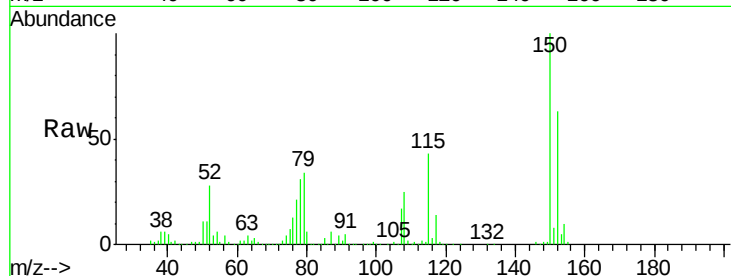
Tgt Ion: 79 Resp: 363761

Ion Ratio Lower Upper

79 100

108 73.7 62.1 93.1

77 63.9 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.38 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.01 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

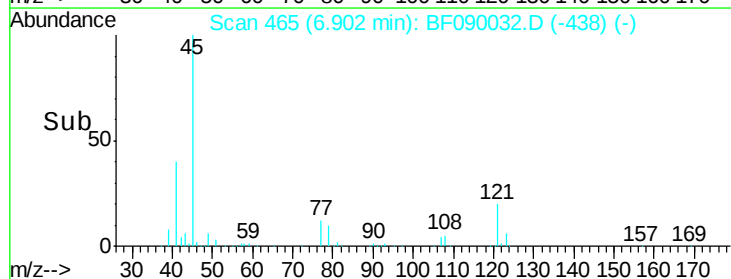
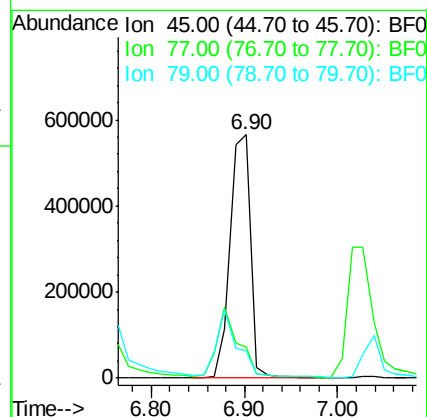
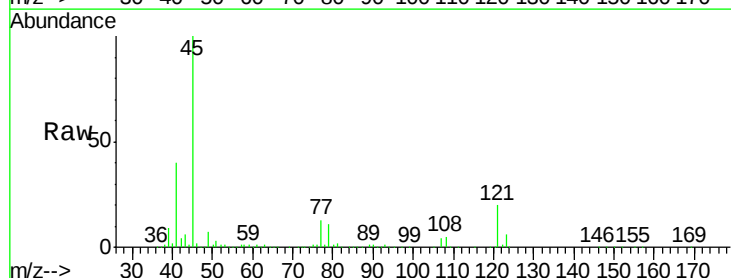
Tgt Ion: 45 Resp: 869740

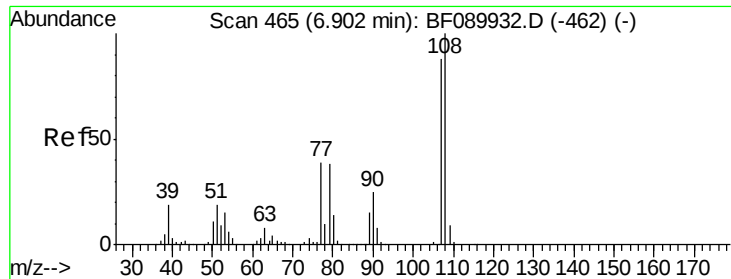
Ion Ratio Lower Upper

45 100

77 12.9 0.0 30.3

79 11.1 0.0 27.5

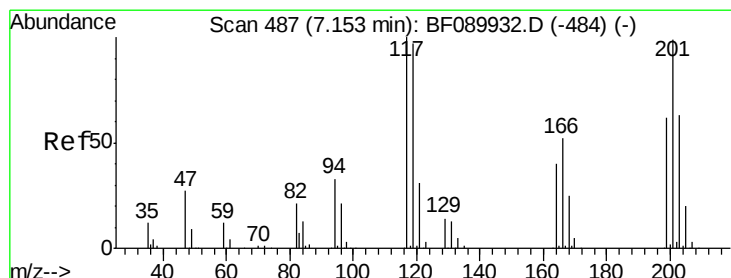
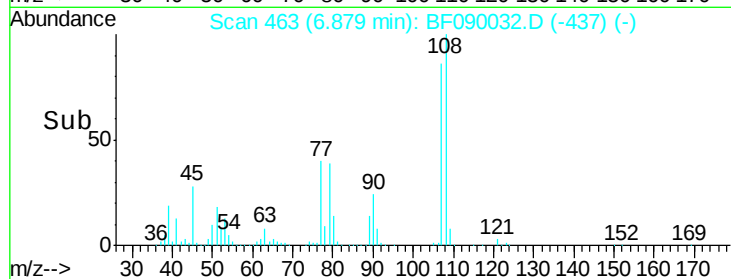
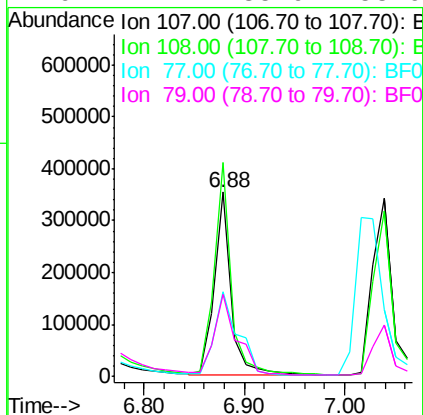
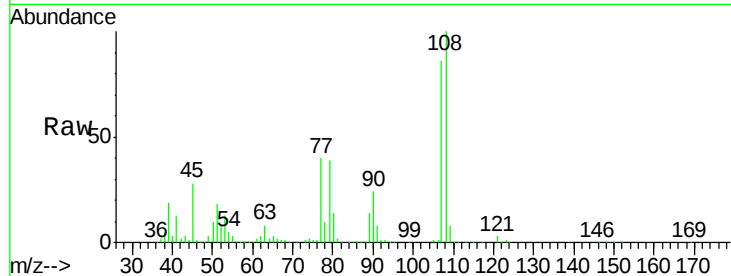




#17
2-Methylphenol
Concen: 36.78 ng
RT: 6.88 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

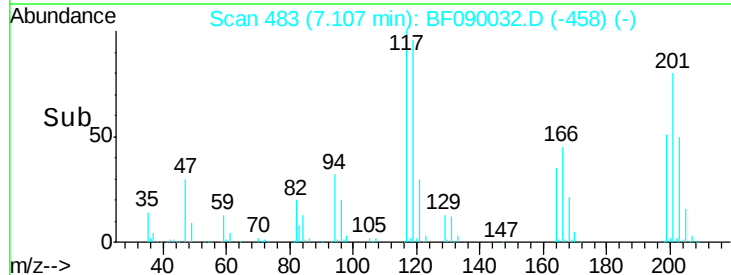
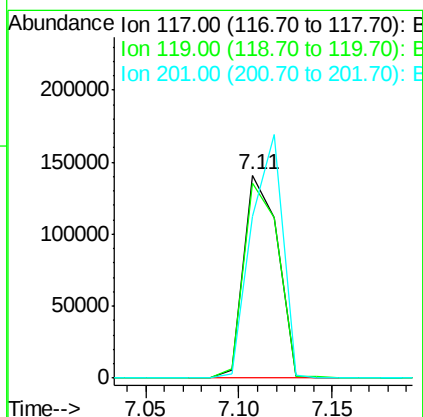
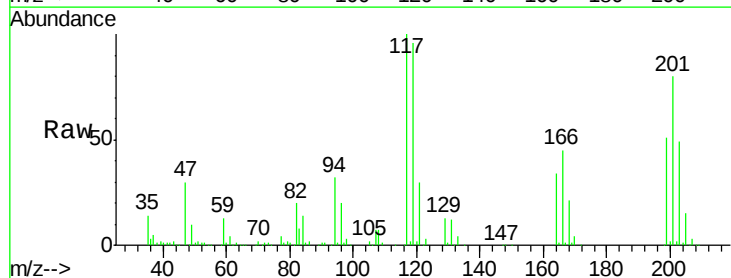
Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MSD

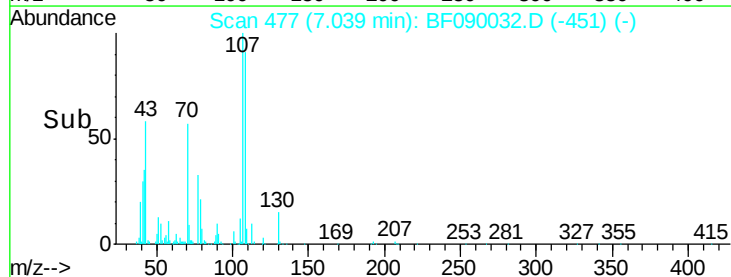
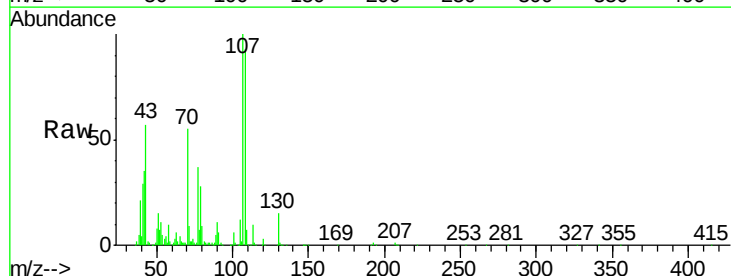
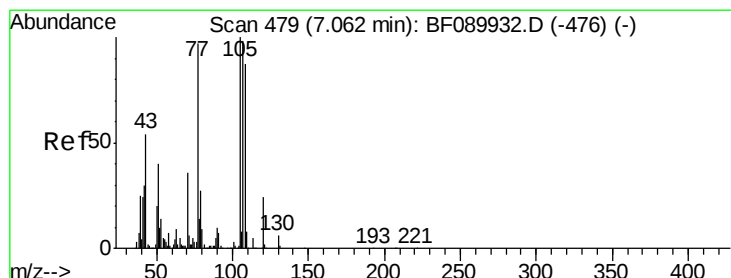
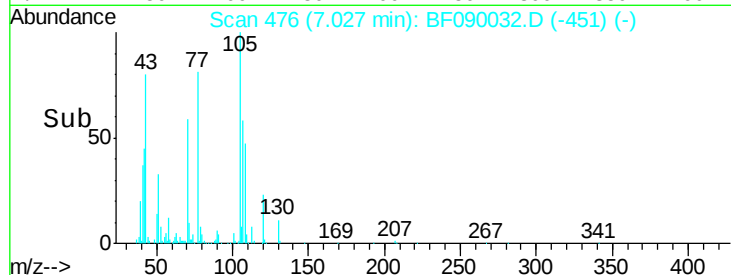
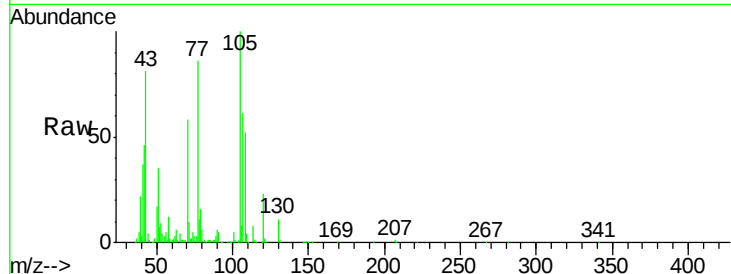
Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.0	91.8	137.6
77	46.0	36.0	54.0
79	44.7	35.9	53.9



#18
Hexachloroethane
Concen: 32.81 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.2	114.2
201	79.6	80.2	120.2#

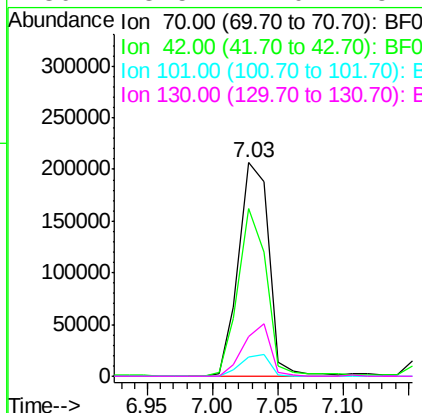




#19
n-Nitroso-di-n-propylamine
Concen: 33.23 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

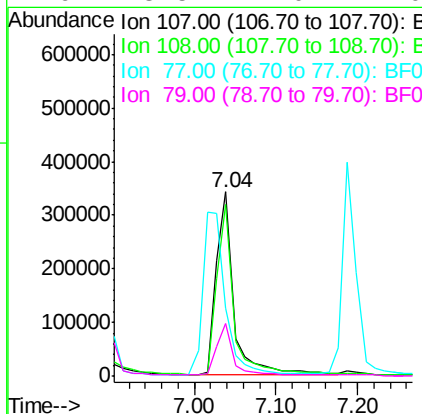
Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MSD

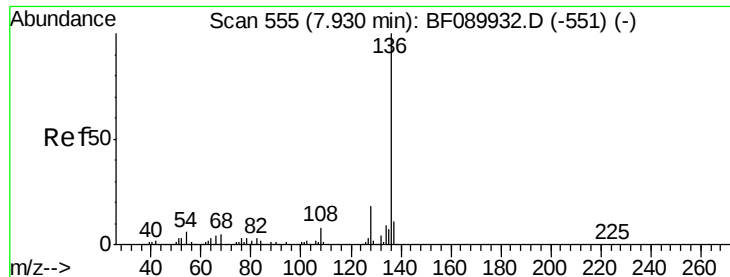
Tgt Ion: 70 Resp: 336283
Ion Ratio Lower Upper
70 100
42 78.5 52.1 78.1#
101 9.0 7.4 11.2
130 18.5 17.0 25.4



#20
3+4-Methylphenols
Concen: 38.25 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion: 107 Resp: 513381
Ion Ratio Lower Upper
107 100
108 93.1 70.2 110.2
77 37.1 75.7 115.7#
79 28.5 7.0 47.0

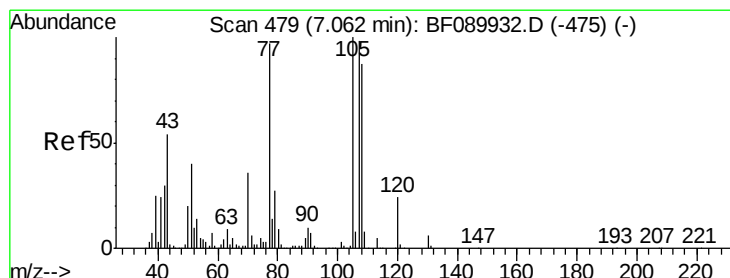
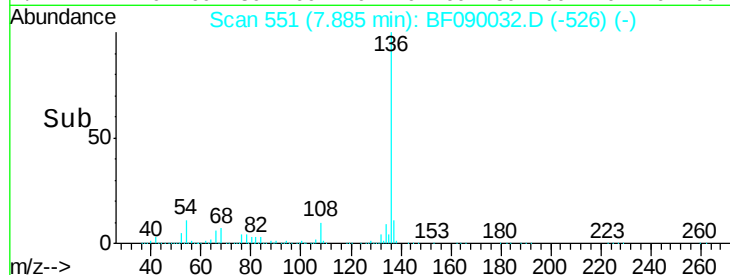
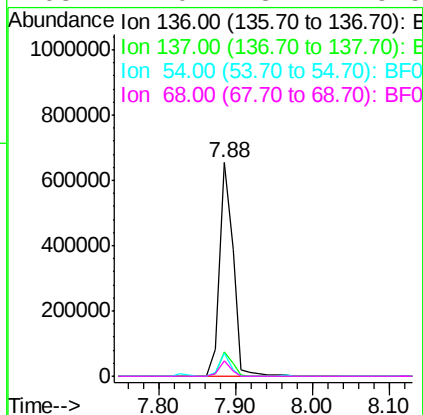
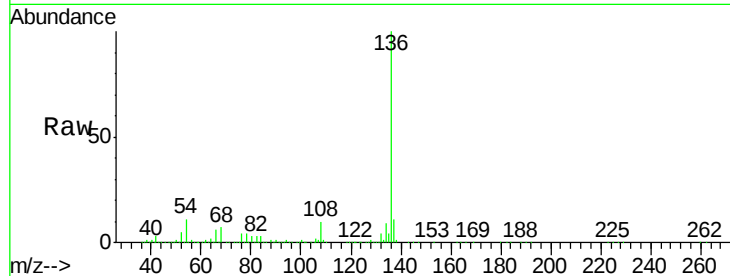




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

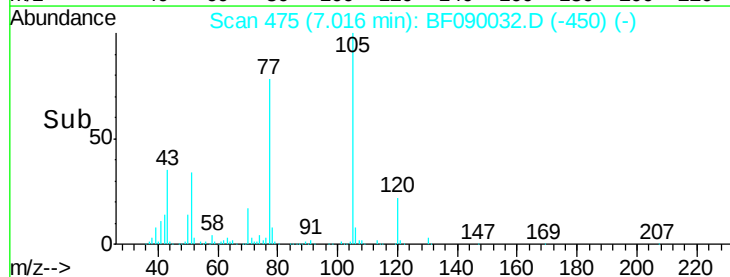
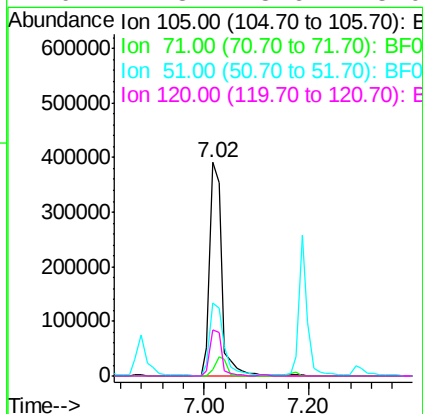
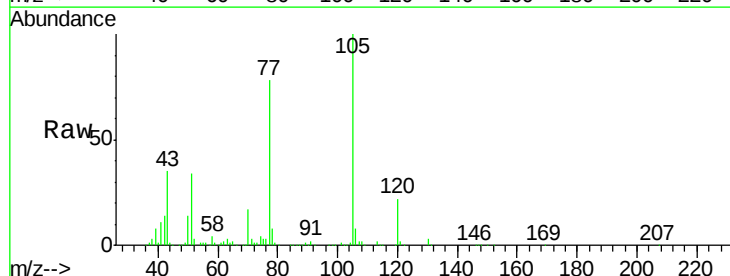
Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MSD

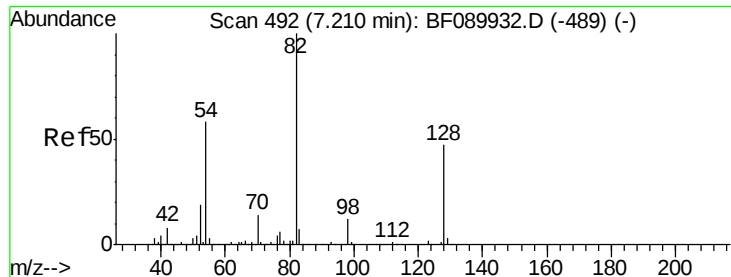
Tgt Ion:	136	Resp:	810771
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.3	12.5
54	10.9	4.8	7.2#
68	7.0	3.7	5.5#



#22
Acetophenone
Concen: 34.79 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion:	105	Resp:	632778
Ion	Ratio	Lower	Upper
105	100		
71	2.9	5.3	7.9#
51	34.0	32.6	48.8
120	21.8	18.6	28.0

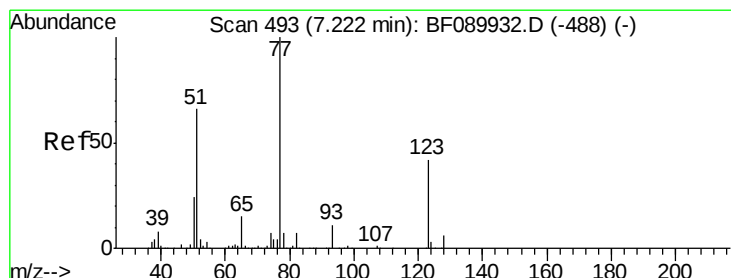
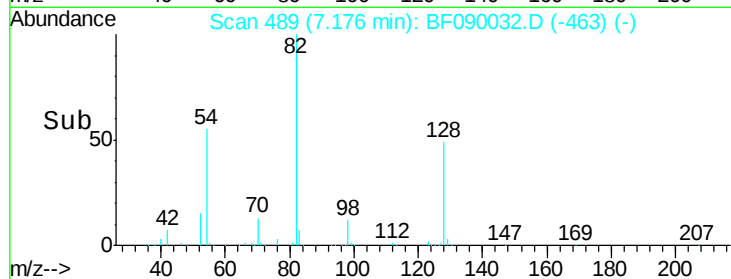
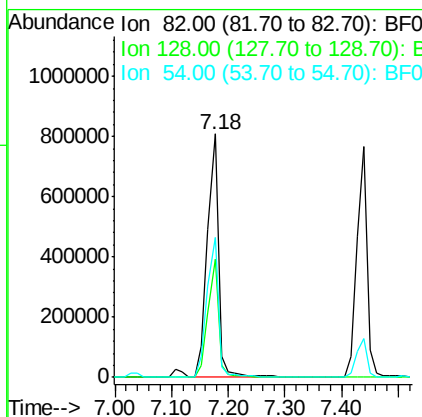
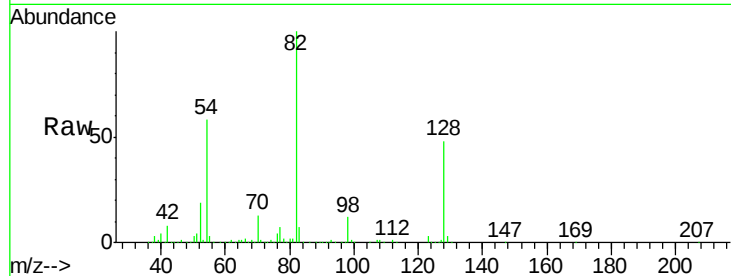




#23
 Nitrobenzene-d5
 Concen: 76.64 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

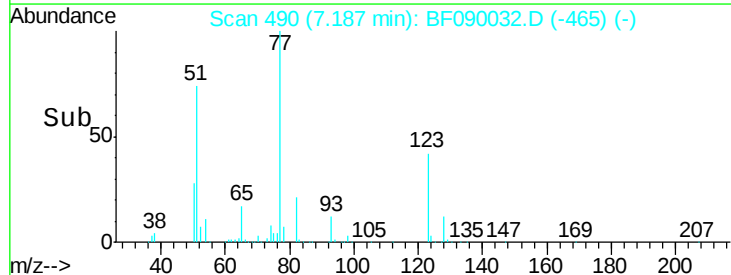
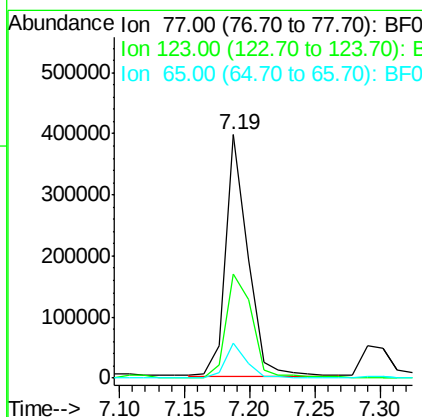
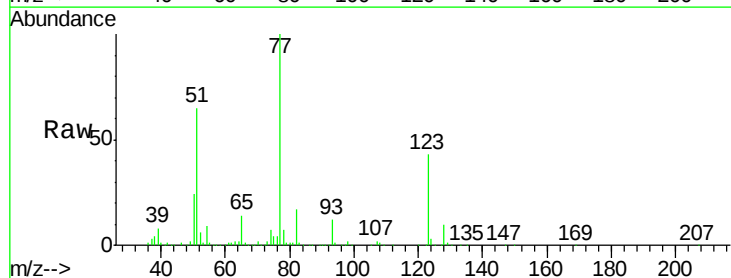
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MSD

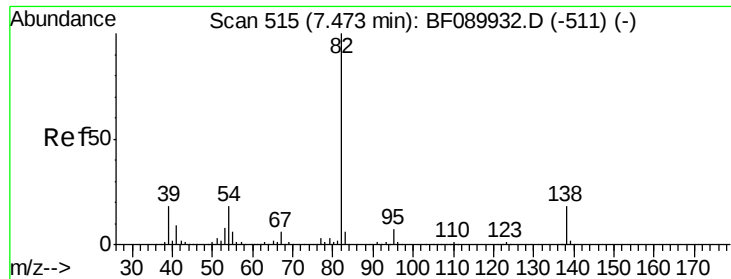
Tgt Ion: 82 Resp: 1071459
 Ion Ratio Lower Upper
 82 100
 128 48.4 37.8 56.8
 54 57.6 46.9 70.3



#24
 Nitrobenzene
 Concen: 32.27 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Tgt Ion: 77 Resp: 479691
 Ion Ratio Lower Upper
 77 100
 123 42.8 32.0 48.0
 65 14.5 11.2 16.8





#25

Isophorone

Concen: 34.48 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

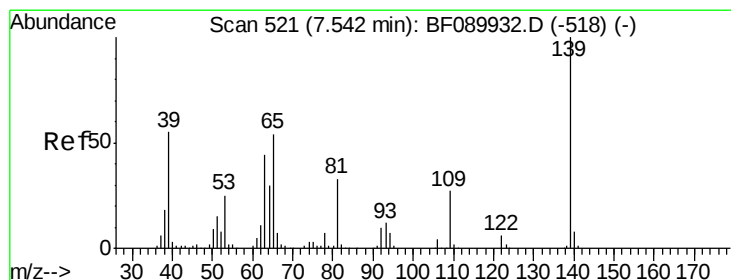
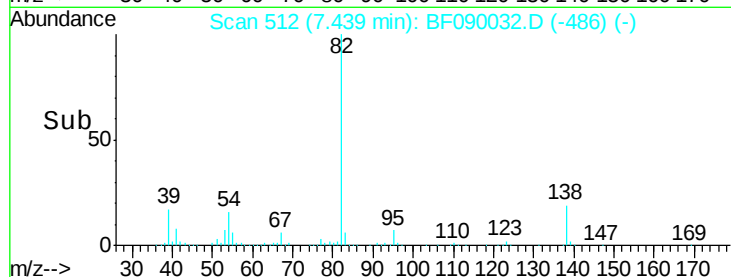
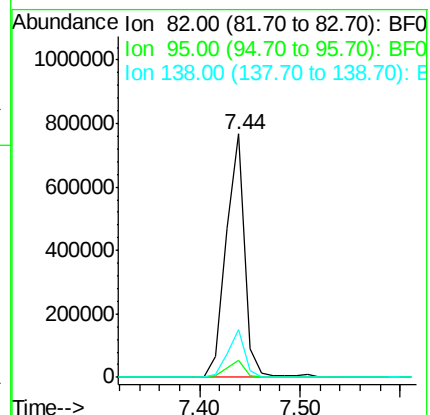
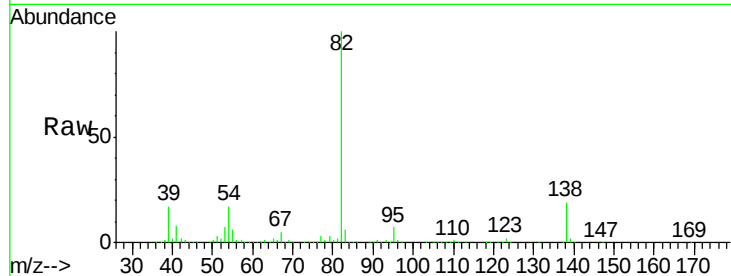
Tgt Ion: 82 Resp: 980207

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 19.5 14.4 21.6



#26

2-Nitrophenol

Concen: 40.69 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

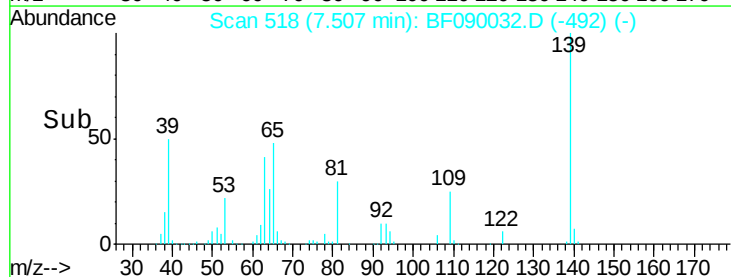
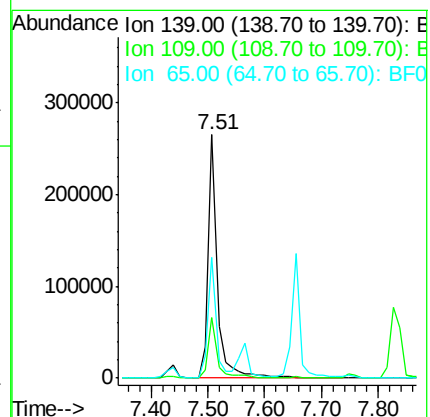
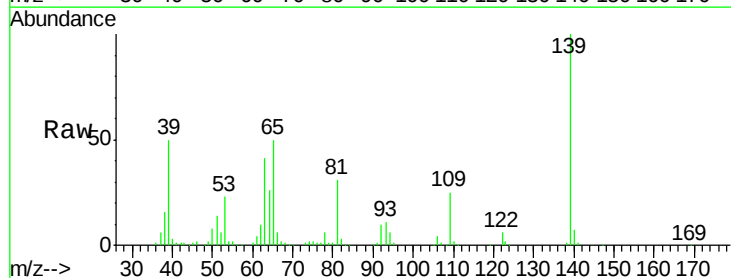
Tgt Ion: 139 Resp: 289103

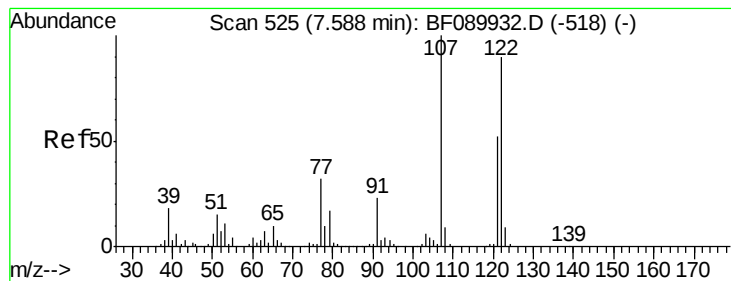
Ion Ratio Lower Upper

139 100

109 25.1 21.0 31.4

65 49.7 43.4 65.0





#27

2,4-Dimethylphenol

Concen: 36.55 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

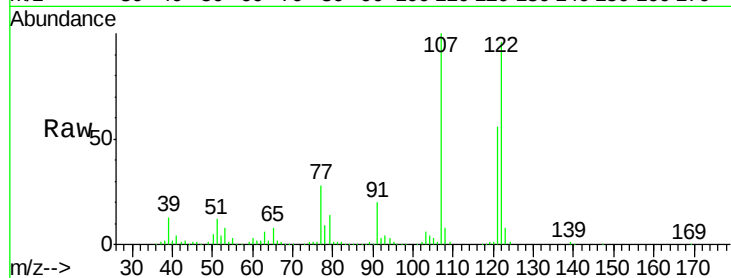
Tgt Ion:122 Resp: 480412

Ion Ratio Lower Upper

122 100

107 104.5 88.5 132.7

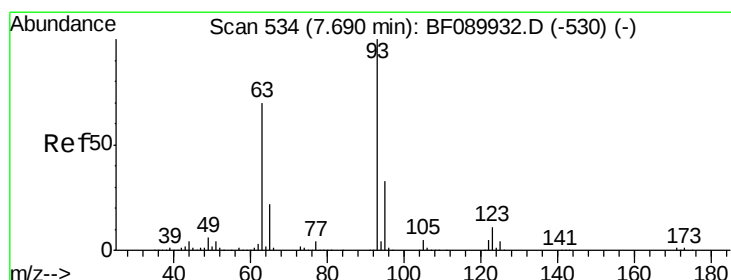
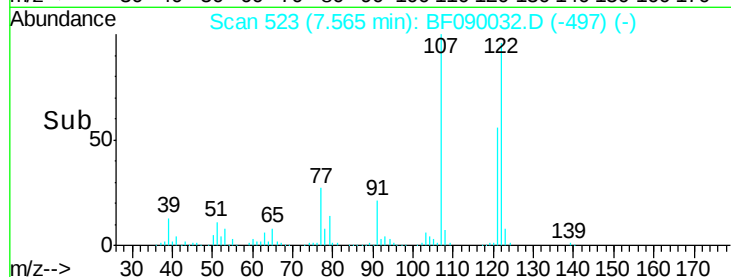
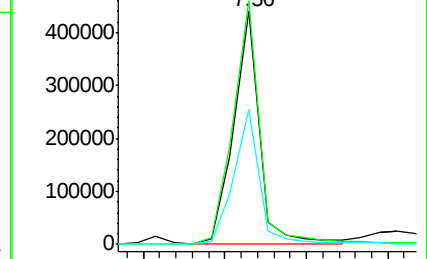
121 58.0 46.0 69.0



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: 36.80 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

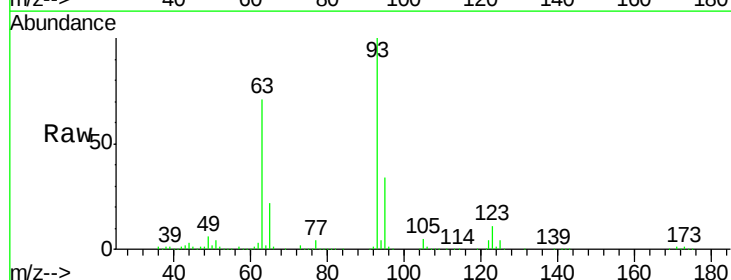
Tgt Ion: 93 Resp: 630988

Ion Ratio Lower Upper

93 100

95 33.6 26.6 40.0

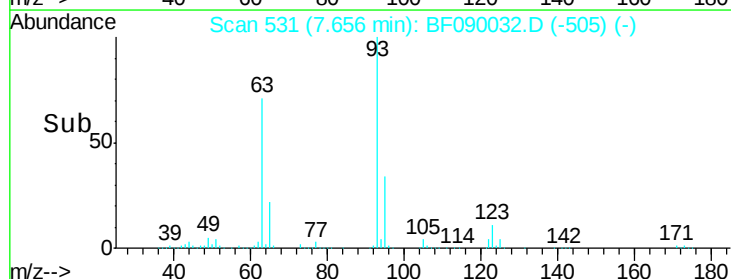
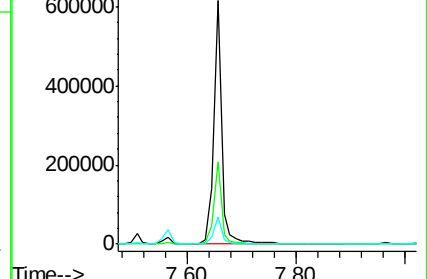
123 11.2 9.1 13.7



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

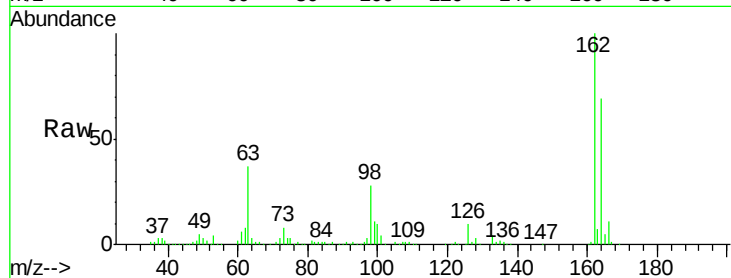




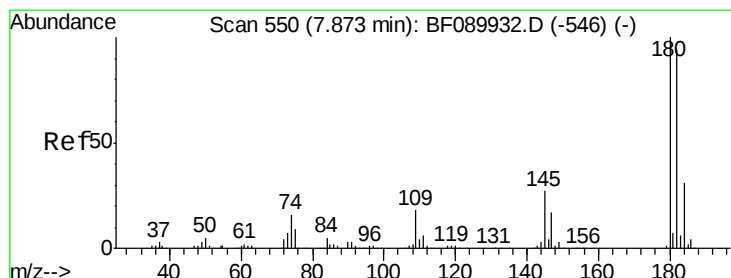
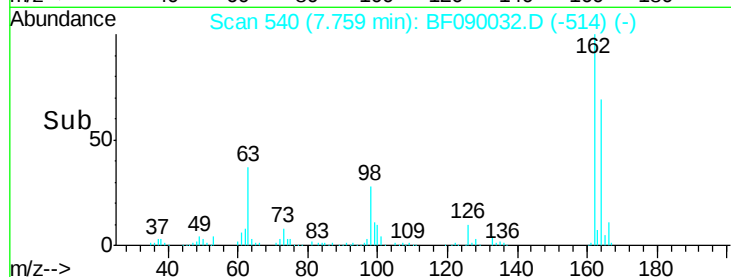
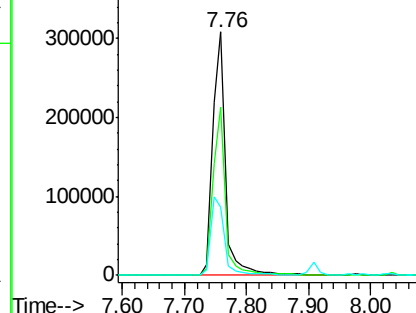
#29
 2,4-Dichlorophenol
 Concen: 37.63 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	69.2	46.6	86.6
98	28.2	22.0	62.0

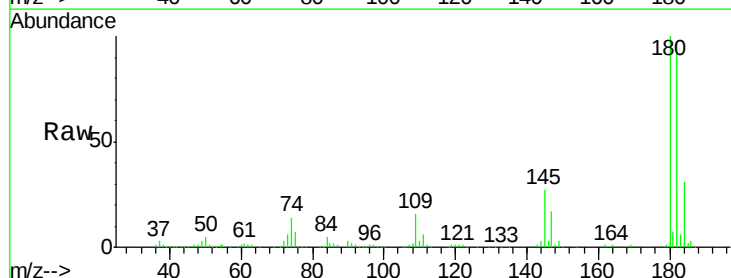


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

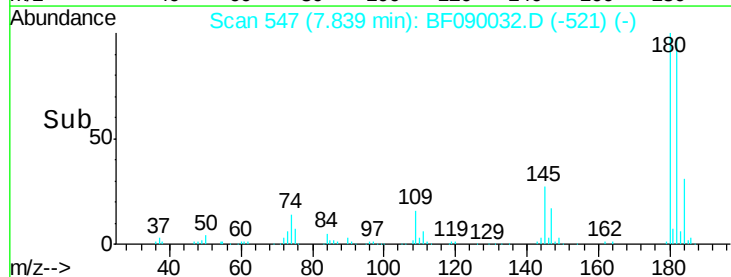
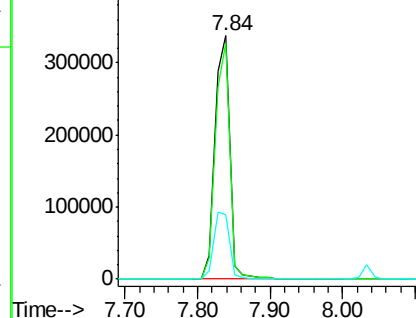


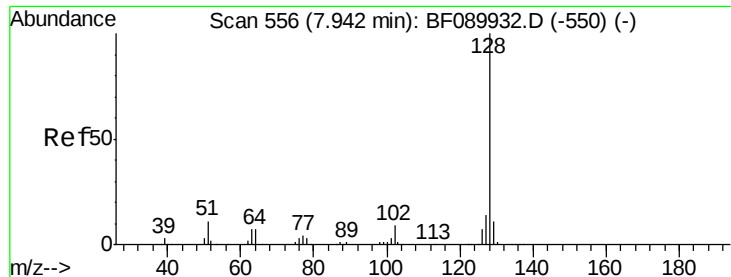
#30
 1,2,4-Trichlorobenzene
 Concen: 37.29 ng
 RT: 7.84 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.2	114.2
145	26.6	22.2	33.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

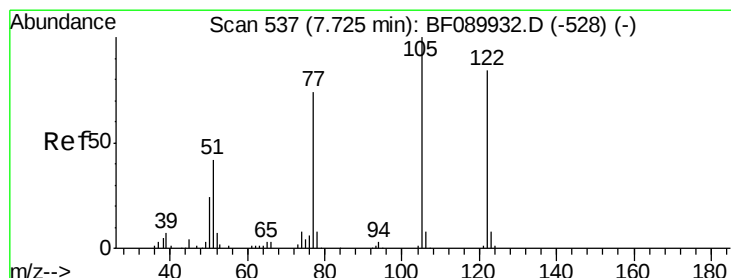
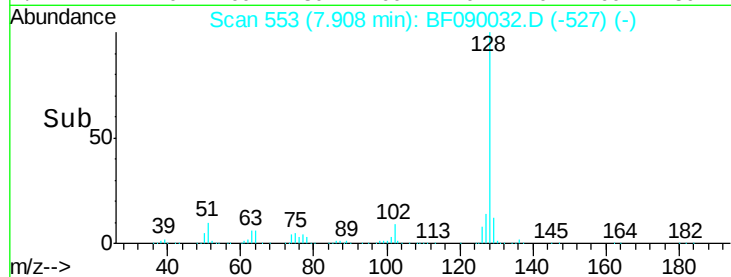
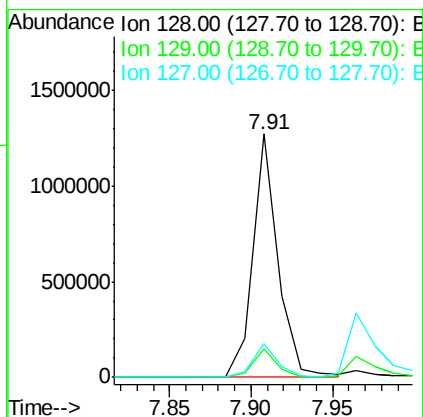
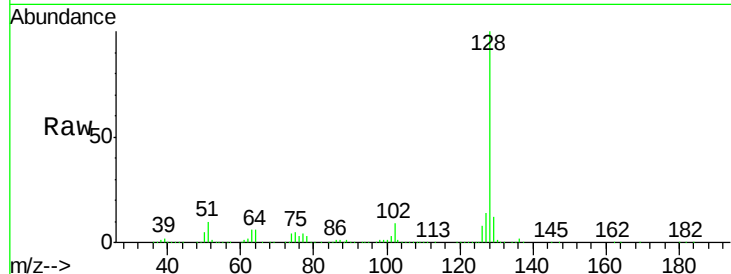




#31
Naphthalene
Concen: 33.68 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

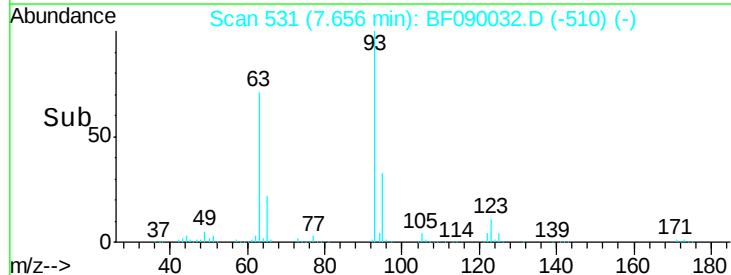
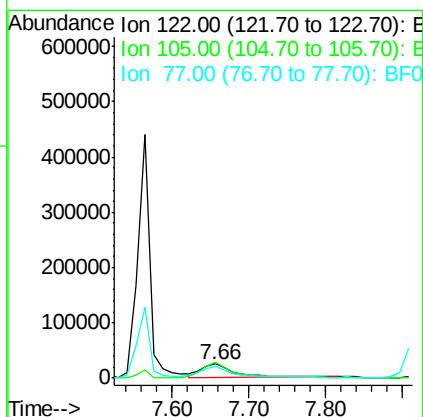
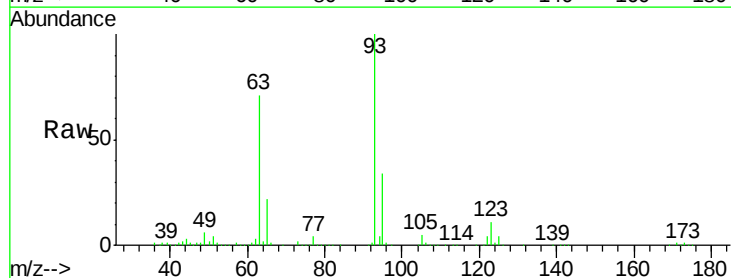
Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MSD

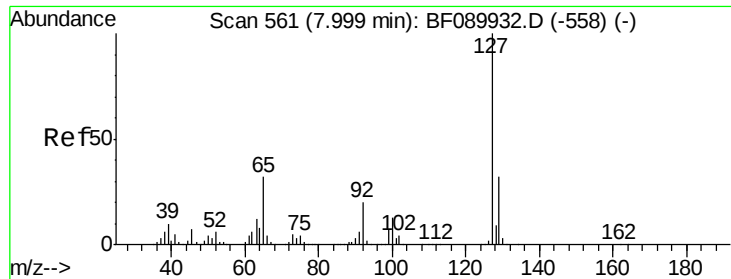
Tgt Ion:128 Resp: 1360301
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 8.39 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion:122 Resp: 74287
Ion Ratio Lower Upper
122 100
105 108.8 102.2 142.2
77 84.5 74.1 114.1

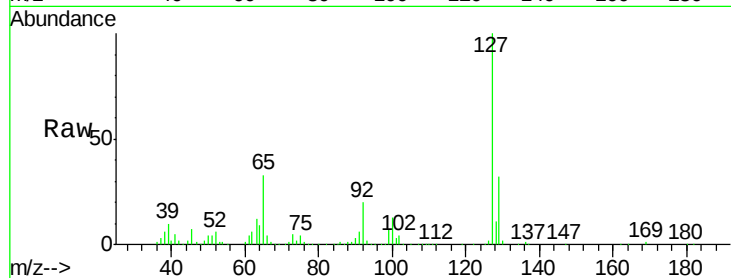




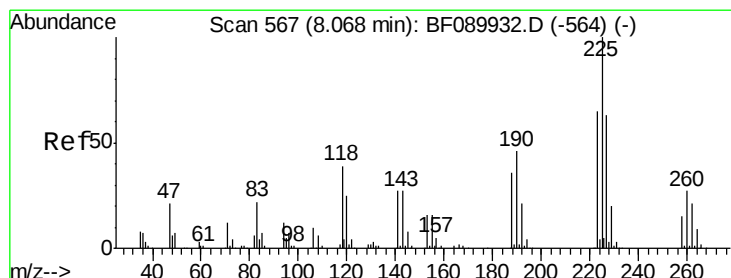
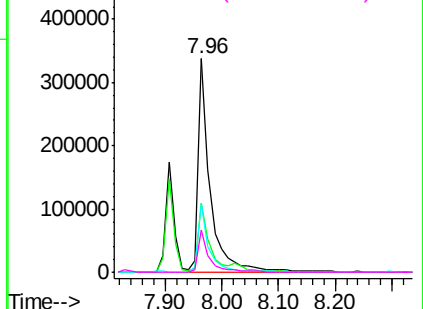
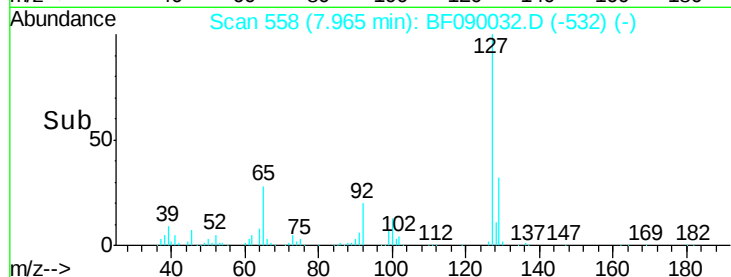
#33
4-Chloroaniline
Concen: 29.73 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MSD

Tgt Ion:	127	Resp:	484459
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	32.6	26.0	39.0
92	20.1	15.9	23.9

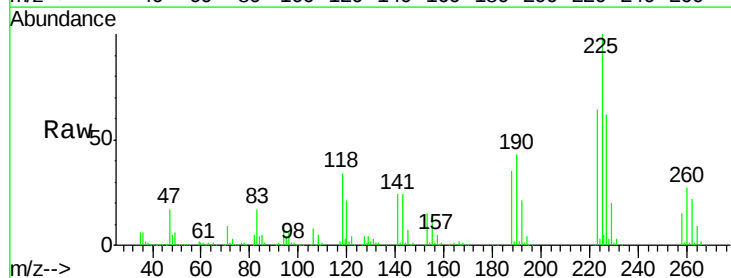


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

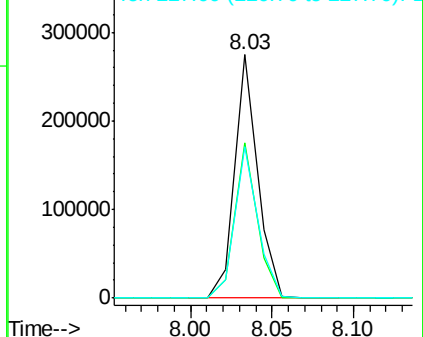
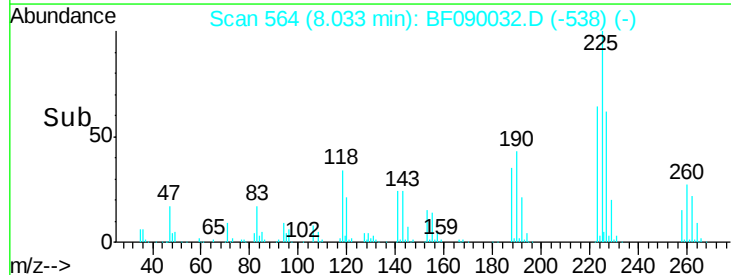


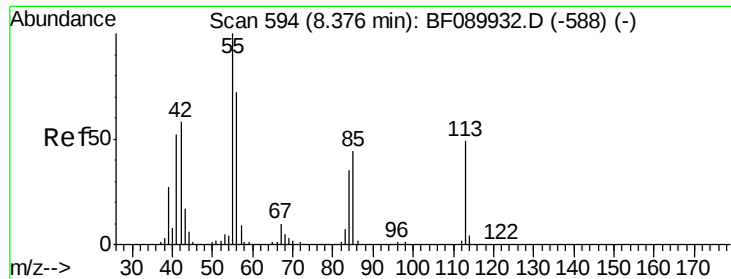
#34
Hexachlorobutadiene
Concen: 35.16 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion:	225	Resp:	265370
Ion	Ratio	Lower	Upper
225	100		
223	63.9	52.6	78.8
227	62.1	50.8	76.2



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: 23.30 ng

RT: 8.34 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

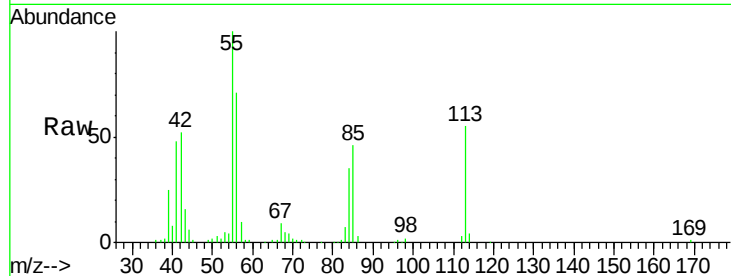
Tgt Ion:113 Resp: 86645

Ion Ratio Lower Upper

113 100

55 180.9 178.5 218.5

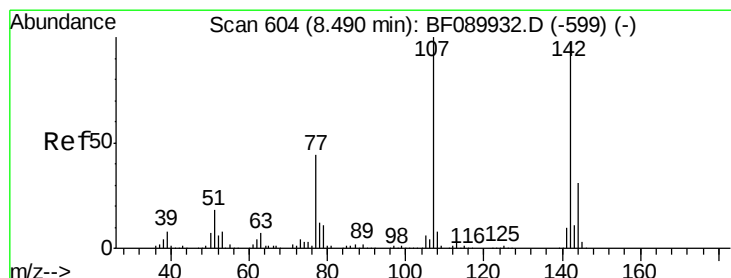
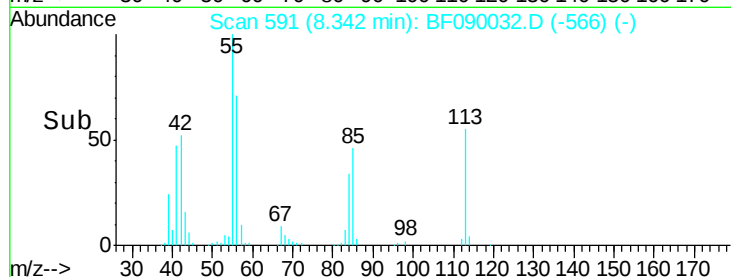
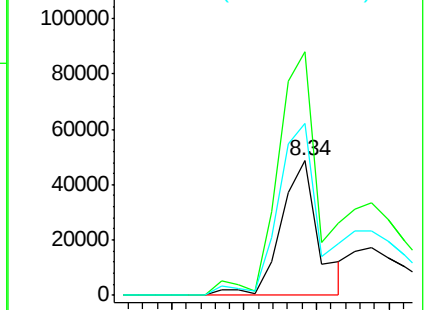
56 127.7 122.7 162.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.15 ng

RT: 8.46 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

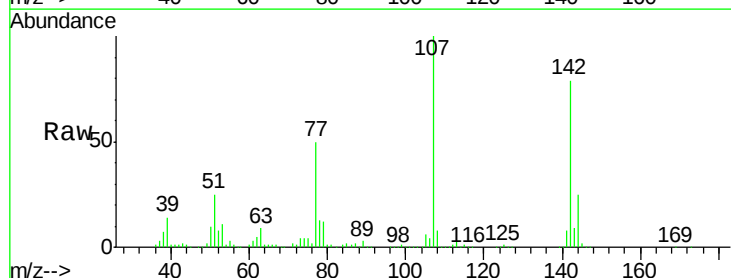
Tgt Ion:107 Resp: 438636

Ion Ratio Lower Upper

107 100

144 25.0 25.8 38.8#

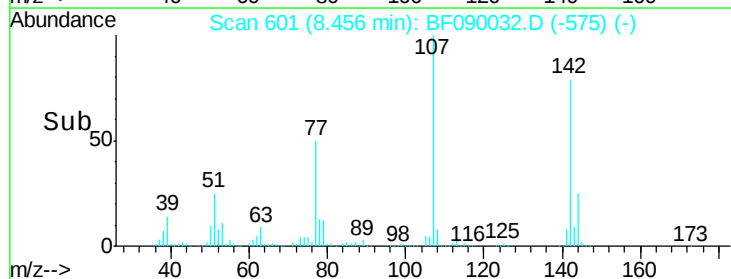
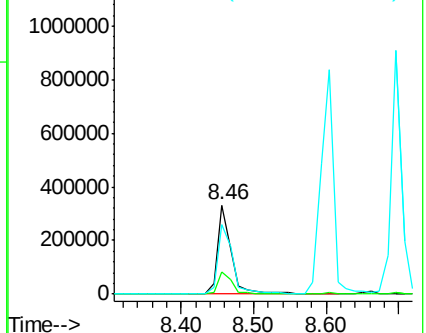
142 78.5 79.2 118.8#

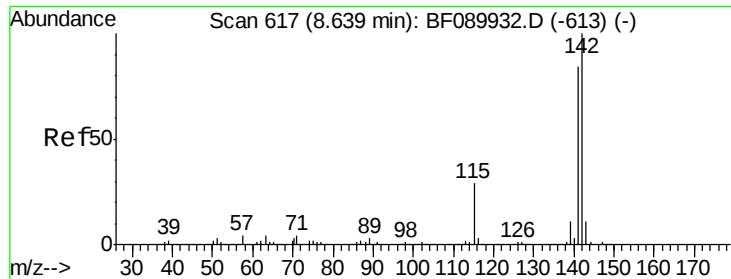


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

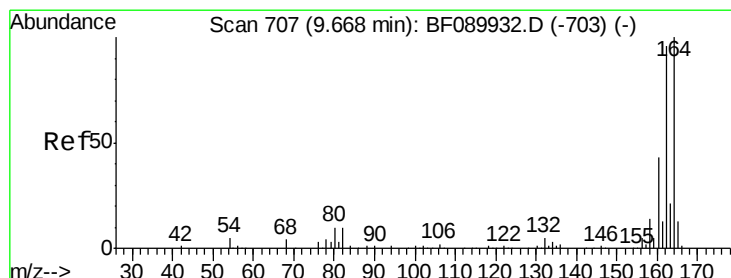
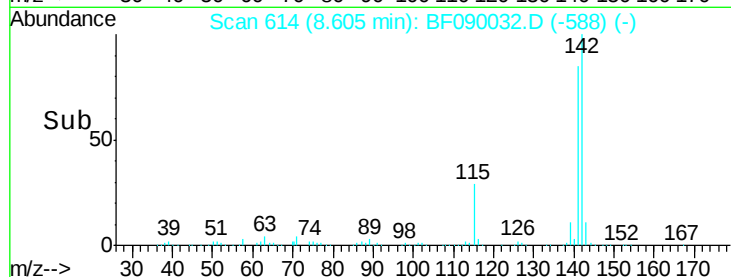
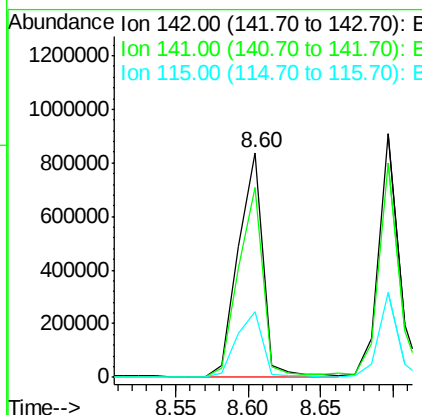
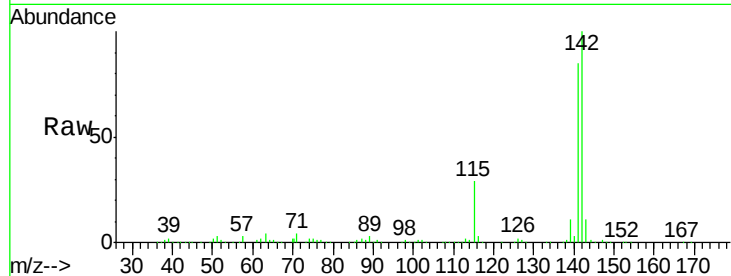




#37
2-Methylnaphthalene
Concen: 37.77 ng
RT: 8.60 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

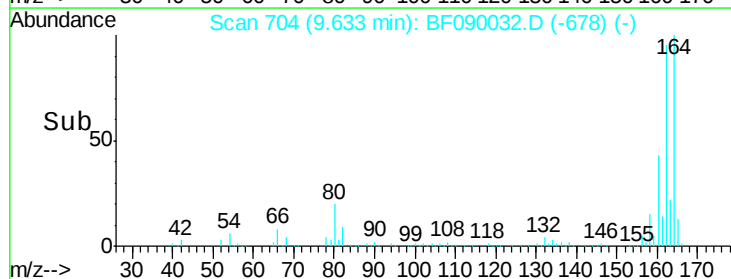
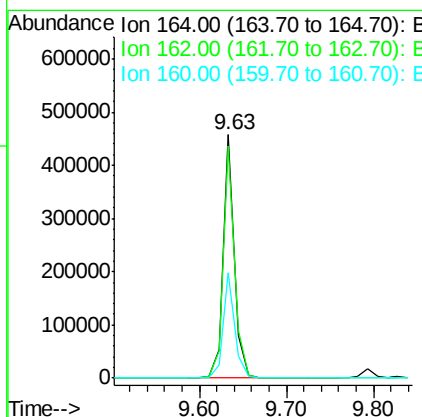
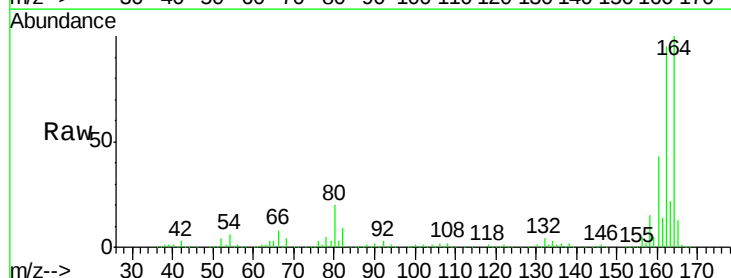
Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MSD

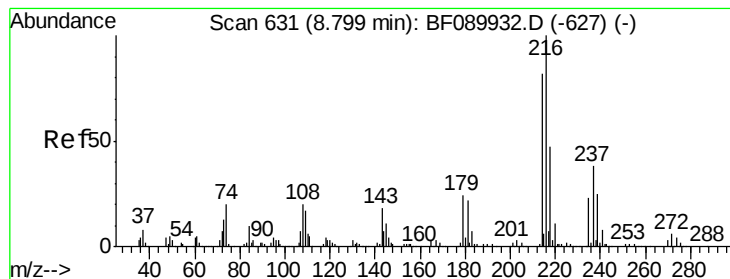
Tgt Ion:142 Resp: 1008062
Ion Ratio Lower Upper
142 100
141 84.5 68.3 102.5
115 29.1 23.8 35.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion:164 Resp: 419179
Ion Ratio Lower Upper
164 100
162 95.4 77.1 115.7
160 43.3 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.69 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

Tgt Ion:216 Resp: 389112

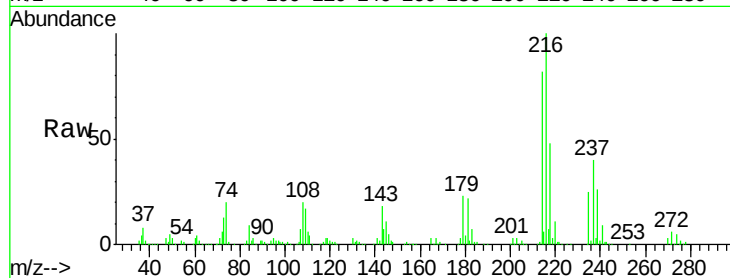
Ion Ratio Lower Upper

216 100

214 80.2 63.4 95.2

179 20.8 17.3 25.9

108 18.7 15.5 23.3

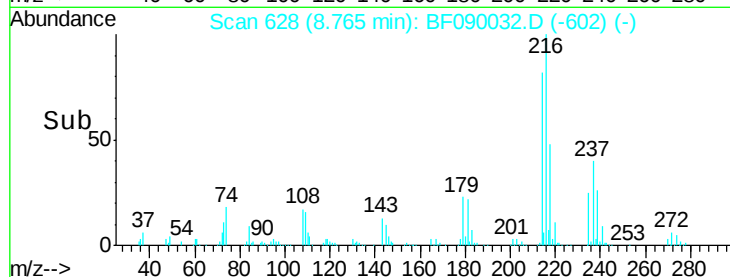


Abundance Ion 216.00 (215.70 to 216.70): E

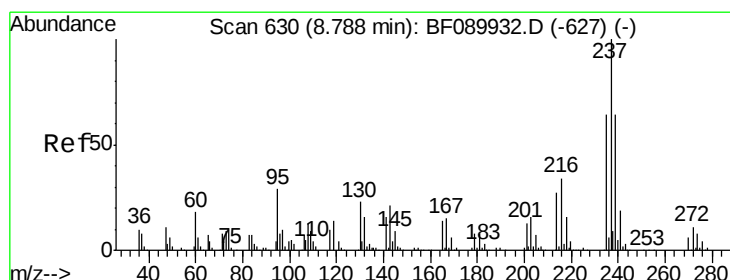
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.60 8.70 8.80 8.90 9.00



#40

Hexachlorocyclopentadiene

Concen: 45.58 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

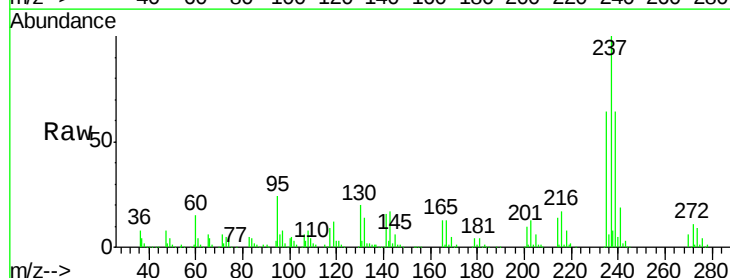
Tgt Ion:237 Resp: 286994

Ion Ratio Lower Upper

237 100

235 63.7 39.6 79.6

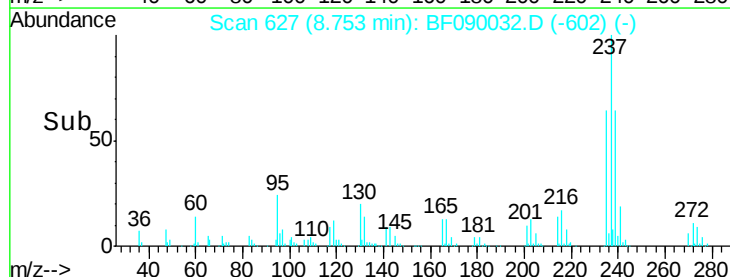
272 11.4 0.0 34.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



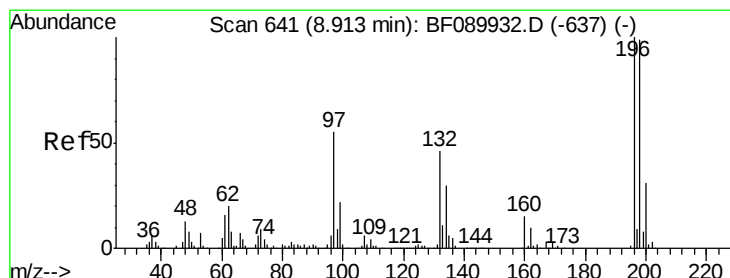
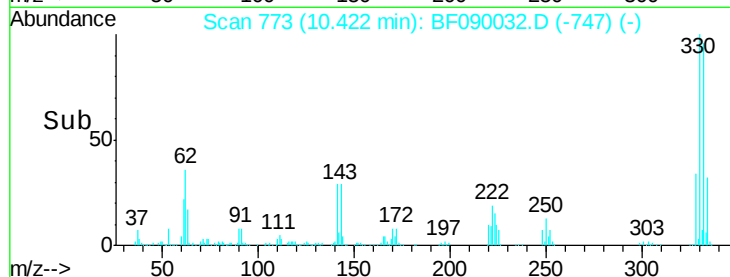
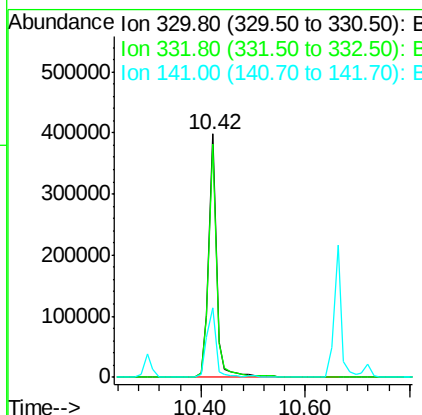
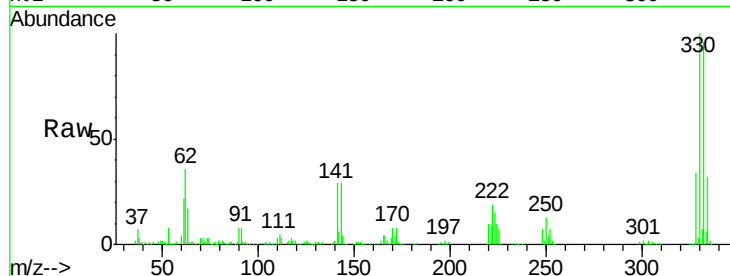
Time--> 8.70 8.75 8.80 8.85



#41
 2,4,6-Tribromophenol
 Concen: 103.24 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

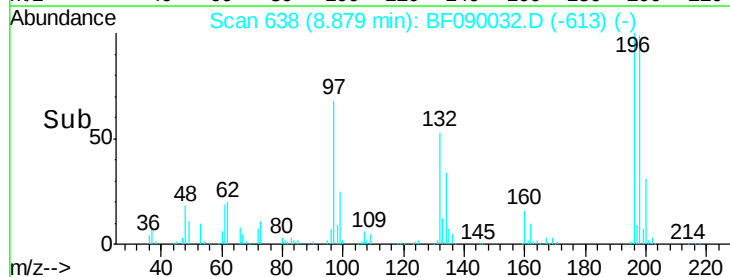
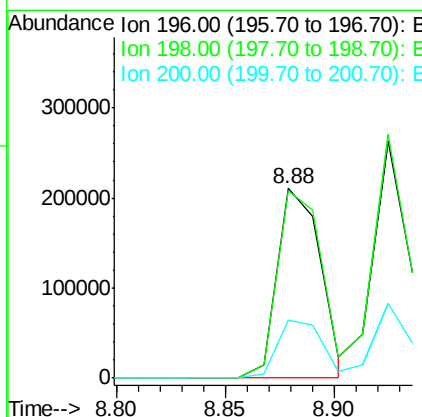
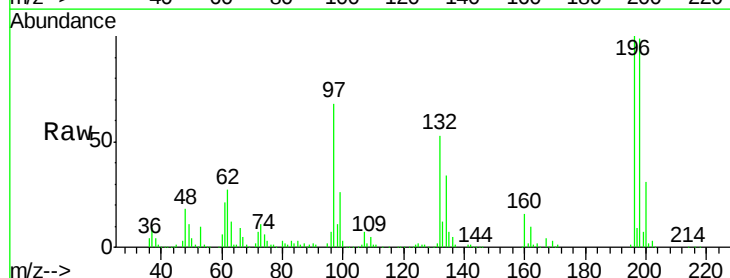
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MSD

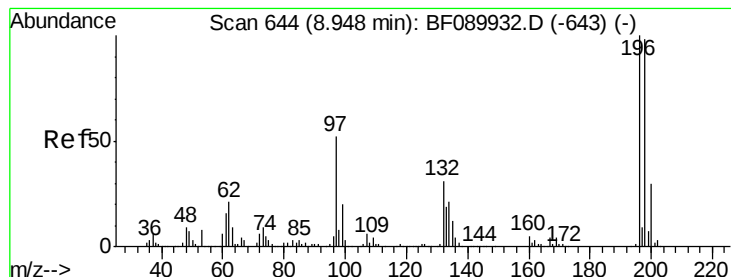
Tgt Ion:330 Resp: 426956
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.6 117.8
 141 33.0 23.3 34.9



#42
 2,4,6-Trichlorophenol
 Concen: 34.61 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Tgt Ion:196 Resp: 294533
 Ion Ratio Lower Upper
 196 100
 198 98.8 78.3 117.5
 200 30.7 24.8 37.2





#43

2,4,5-Trichlorophenol

Concen: 40.97 ng

RT: 8.92 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

Tgt Ion:196 Resp: 335286

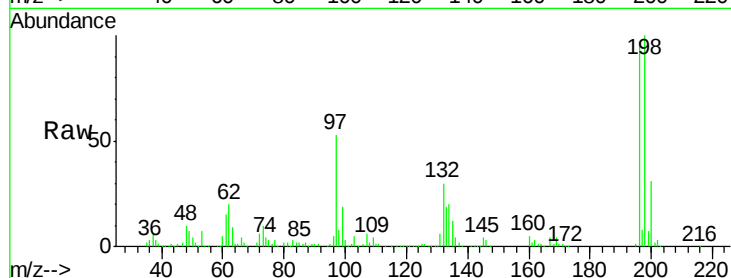
Ion Ratio Lower Upper

196 100

198 102.7 80.8 121.2

97 54.0 44.2 66.4

132 31.3 25.8 38.6

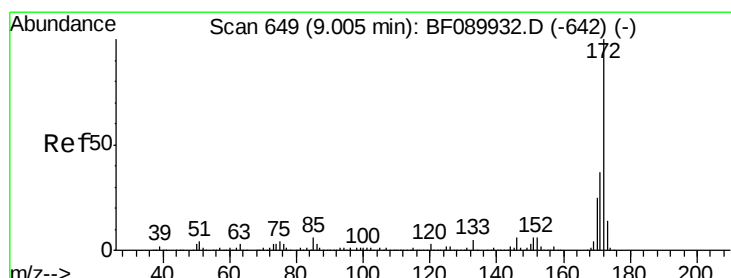
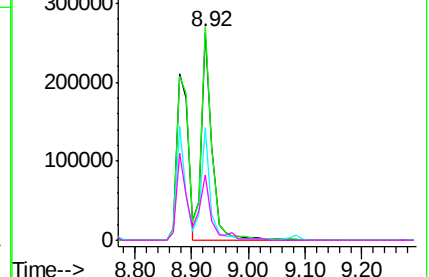
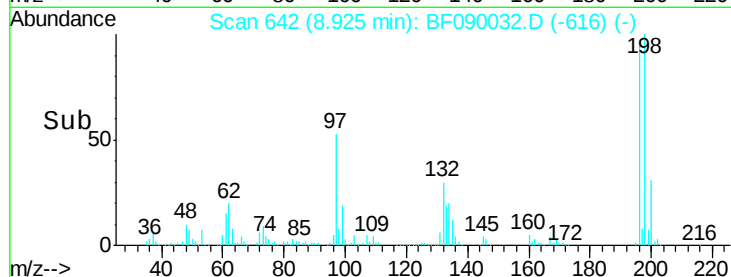


Abundance Ion 196.00 (195.70 to 196.70): E

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: 72.52 ng

RT: 8.97 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

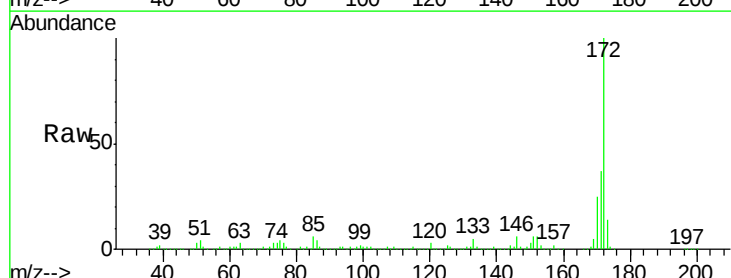
Tgt Ion:172 Resp: 1851811

Ion Ratio Lower Upper

172 100

171 37.0 29.4 44.2

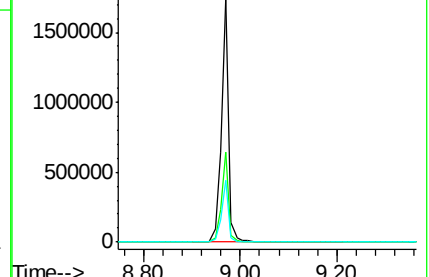
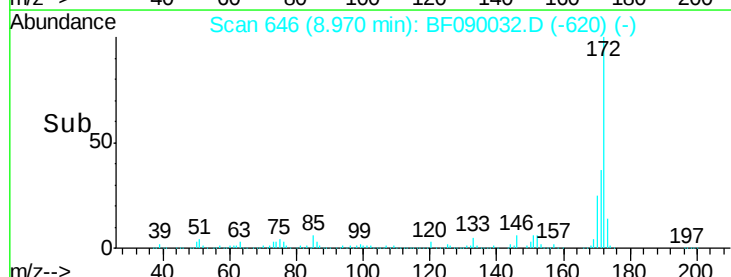
170 25.3 20.1 30.1

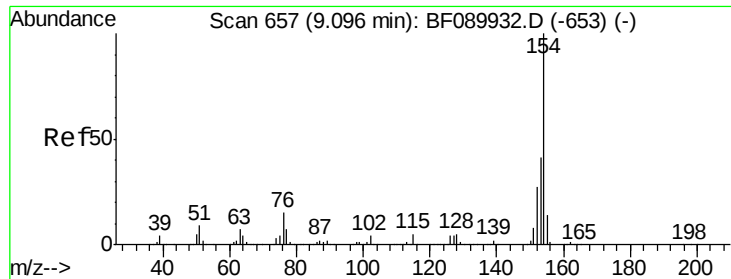


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

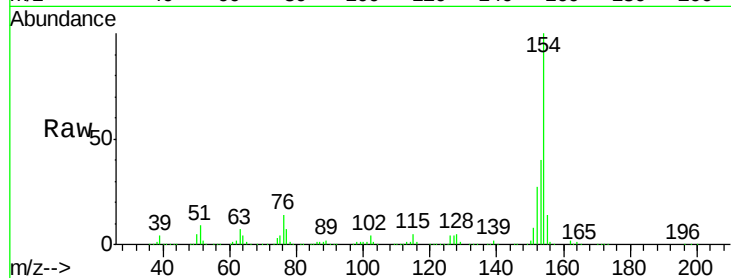




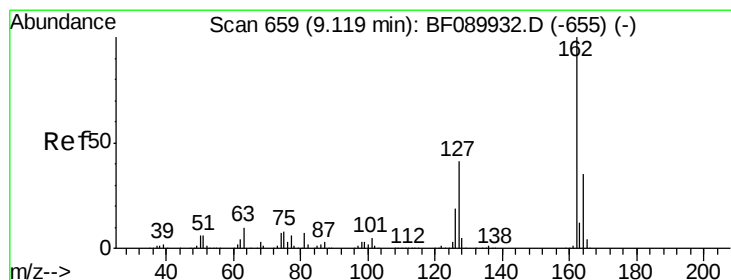
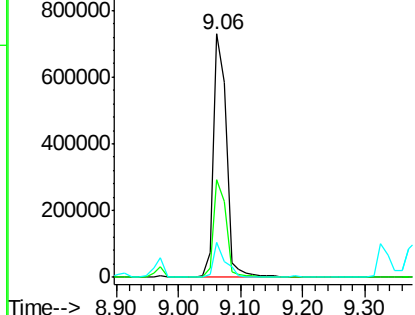
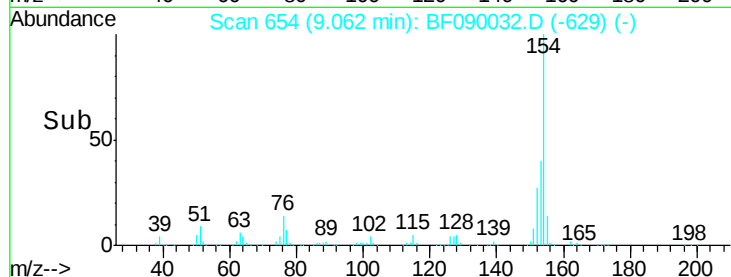
#45
 1,1'-Biphenyl
 Concen: 30.56 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MSD

Tgt Ion:154 Resp: 1031459
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.6 60.6
 76 14.4 0.0 34.9

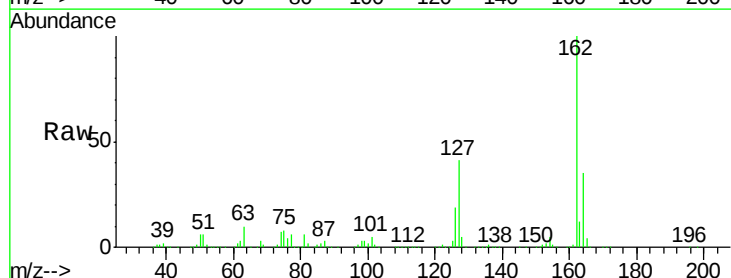


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

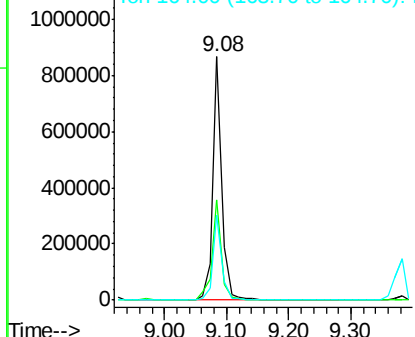
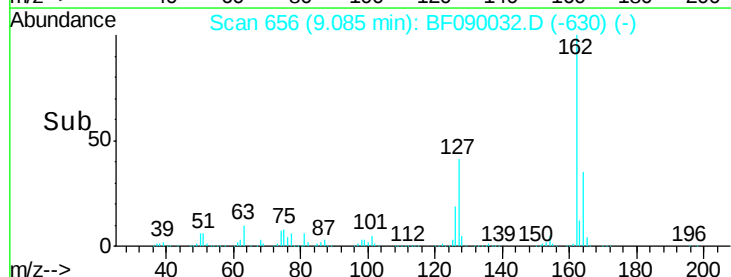


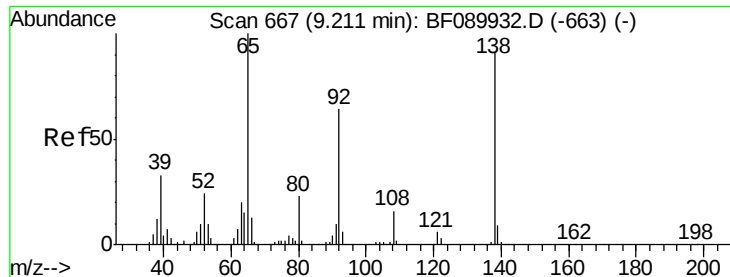
#46
 2-Chloronaphthalene
 Concen: 36.17 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Tgt Ion:162 Resp: 863651
 Ion Ratio Lower Upper
 162 100
 127 41.1 33.5 50.3
 164 34.9 28.2 42.4



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

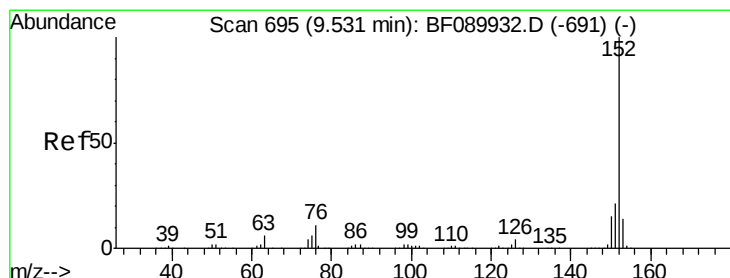
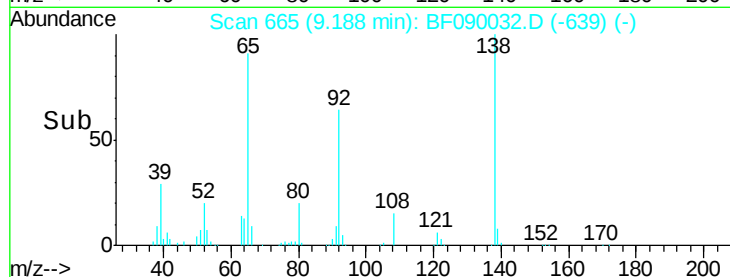
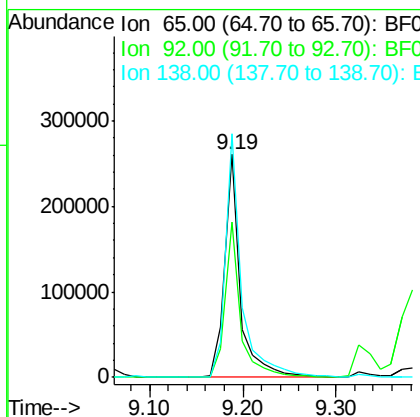
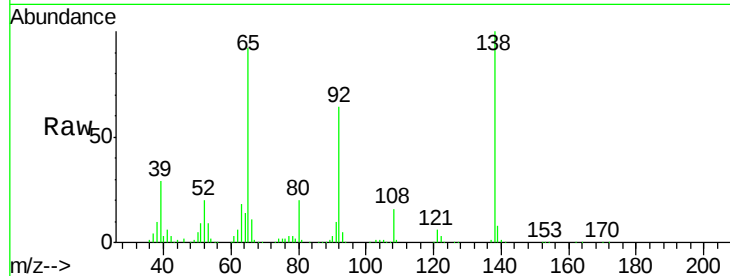




#47
 2-Nitroaniline
 Concen: 39.03 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

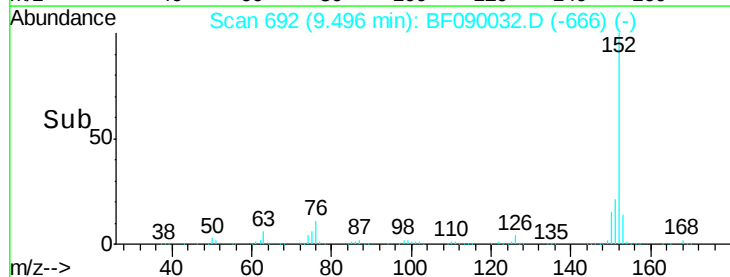
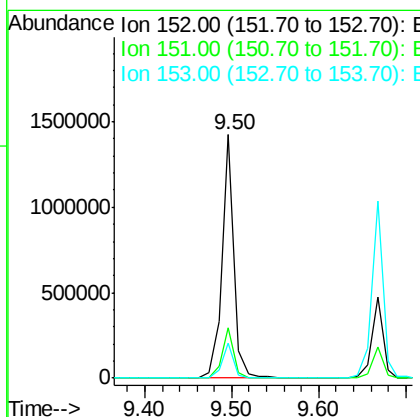
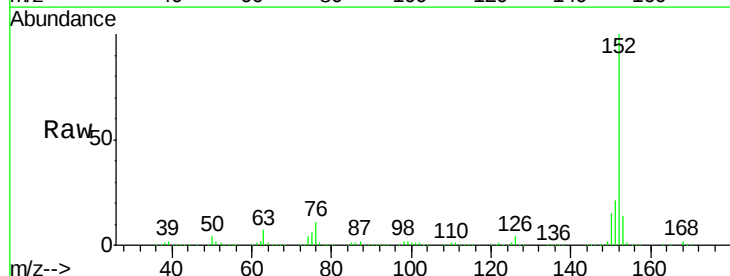
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MSD

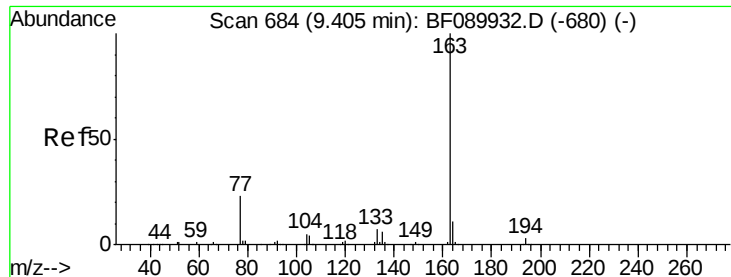
Tgt Ion: 65 Resp: 304584
 Ion Ratio Lower Upper
 65 100
 92 69.6 52.0 78.0
 138 109.1 72.1 108.1#



#48
 Acenaphthylene
 Concen: 35.04 ng
 RT: 9.50 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Tgt Ion: 152 Resp: 1383230
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.7 25.1
 153 14.3 11.6 17.4

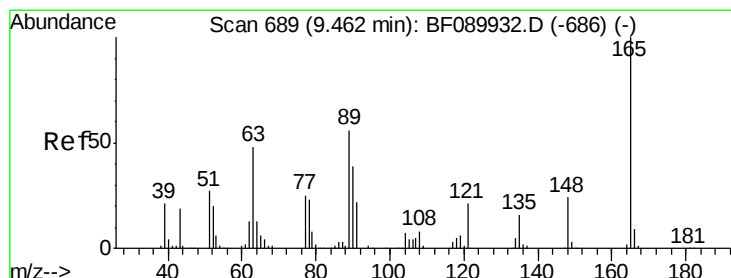
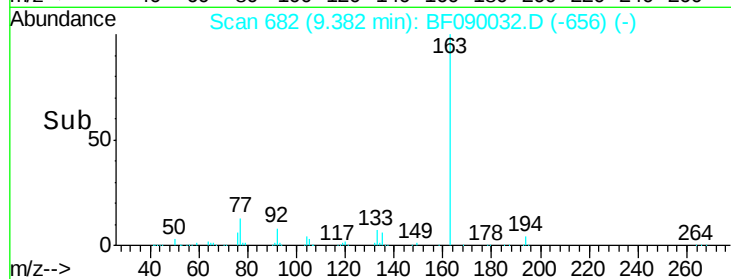
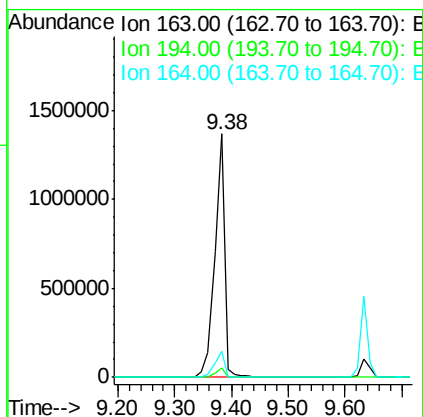
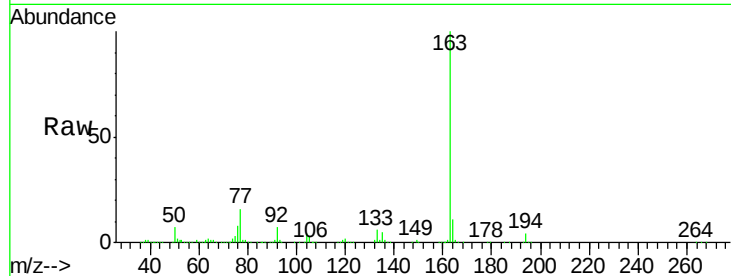




#49
Dimethylphthalate
Concen: 53.01 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

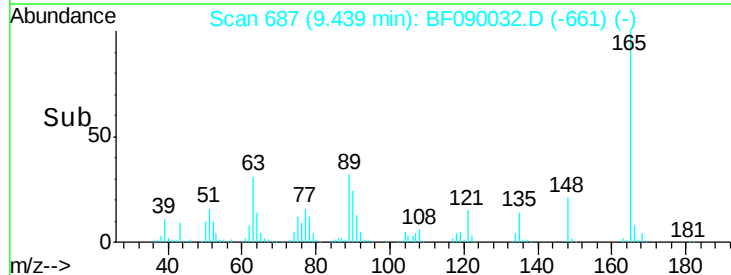
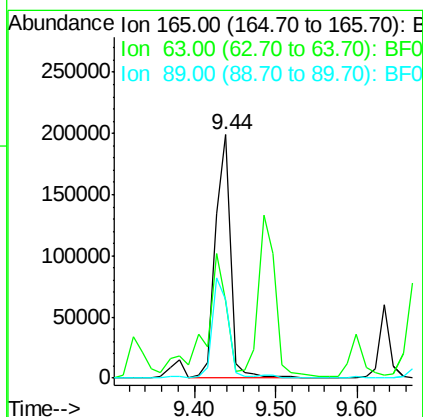
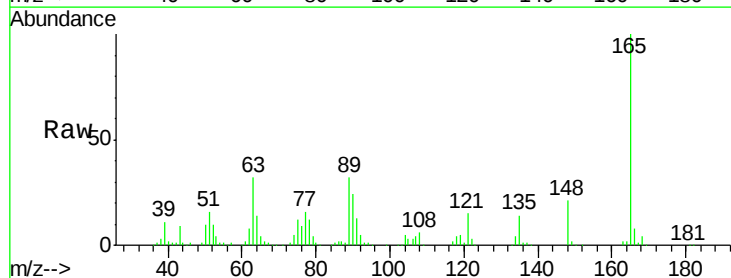
Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MSD

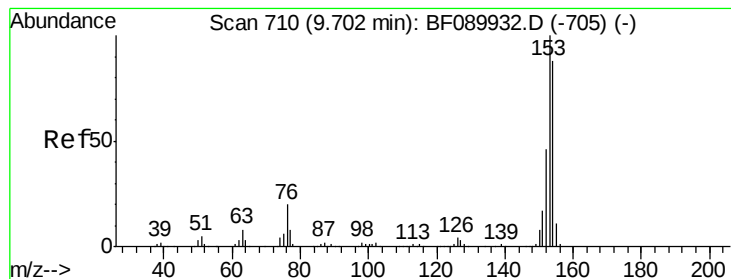
Tgt Ion:163 Resp: 1606024
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.8 9.0 13.4



#50
2,6-Dinitrotoluene
Concen: 38.16 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion:165 Resp: 257143
Ion Ratio Lower Upper
165 100
63 31.7 45.0 67.4#
89 32.1 41.5 62.3#





#51

Acenaphthene

Concen: 36.04 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

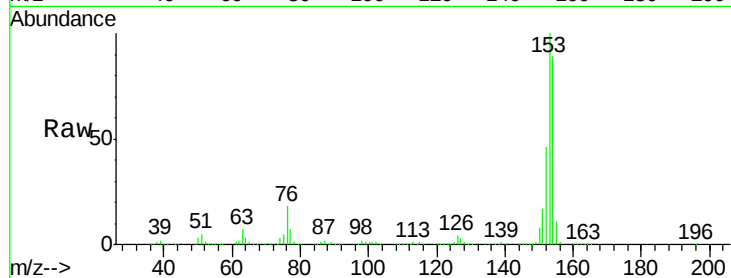
Tgt Ion:154 Resp: 901259

Ion Ratio Lower Upper

154 100

153 112.6 90.6 135.8

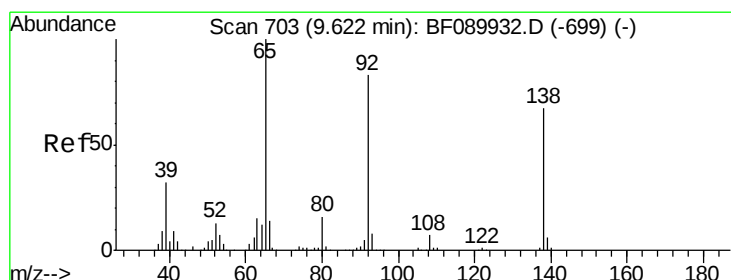
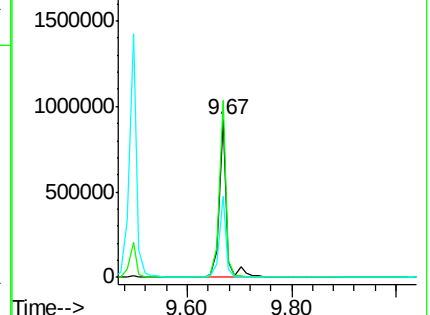
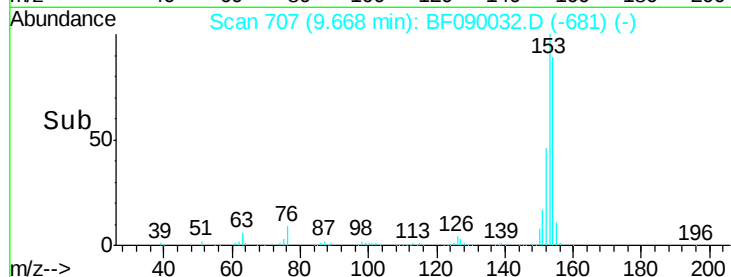
152 51.8 42.4 63.6



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: 31.56 ng

RT: 9.60 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

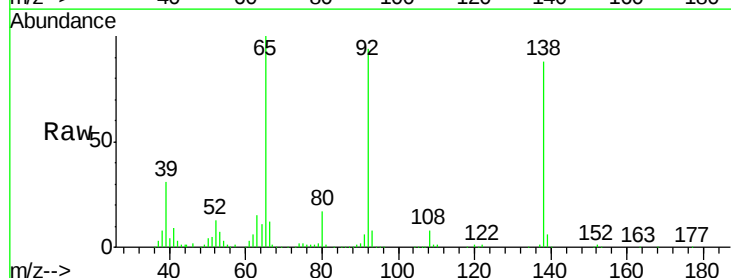
Tgt Ion:138 Resp: 242546

Ion Ratio Lower Upper

138 100

108 9.1 8.3 12.5

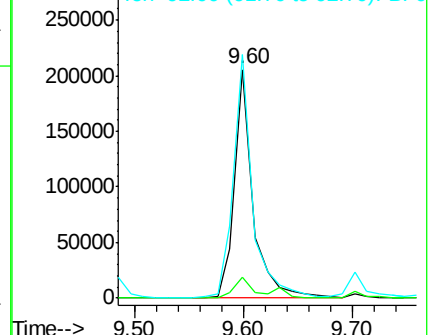
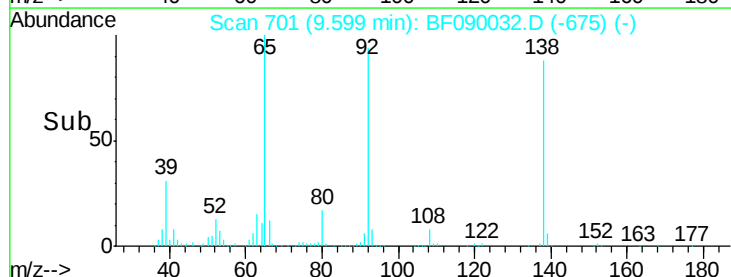
92 106.4 99.1 148.7



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: 36.04 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

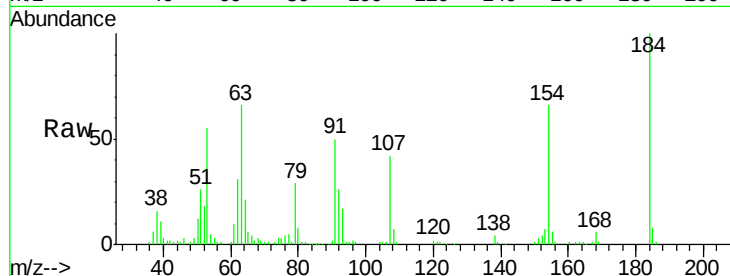
Tgt Ion:184 Resp: 114531

Ion Ratio Lower Upper

184 100

63 65.6 73.9 110.9#

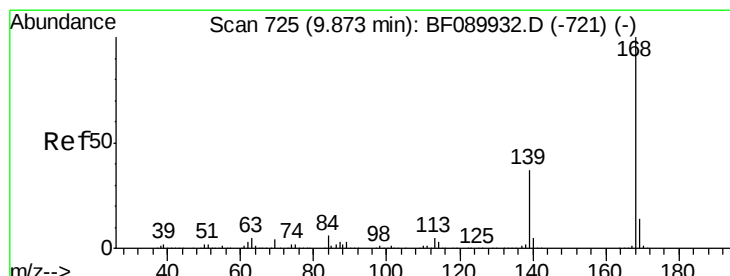
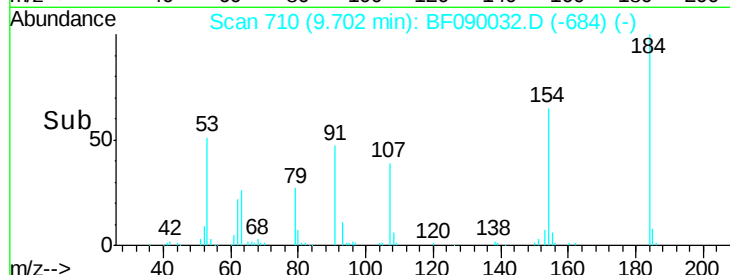
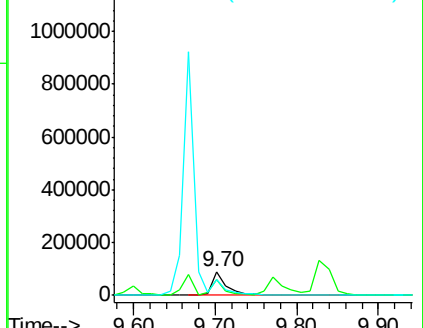
154 65.7 53.5 80.3



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: 37.27 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

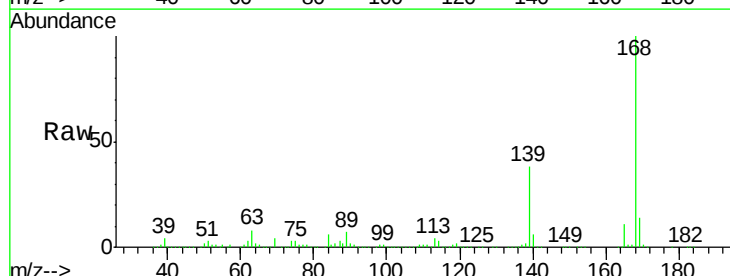
Tgt Ion:168 Resp: 1249192

Ion Ratio Lower Upper

168 100

139 37.8 29.5 44.3

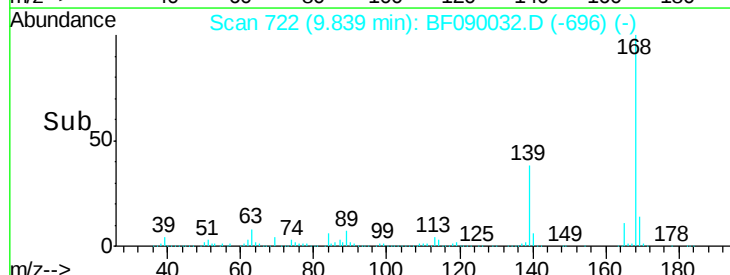
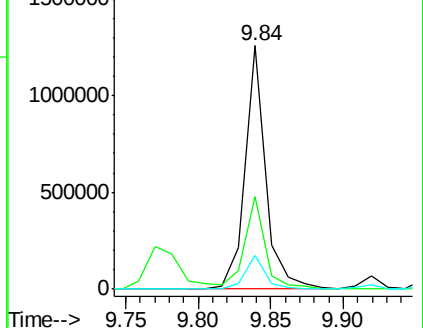
169 13.8 10.8 16.2

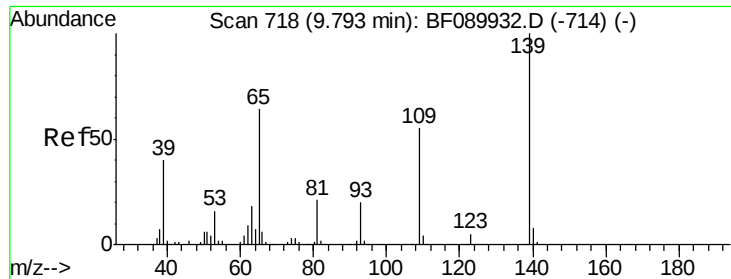


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

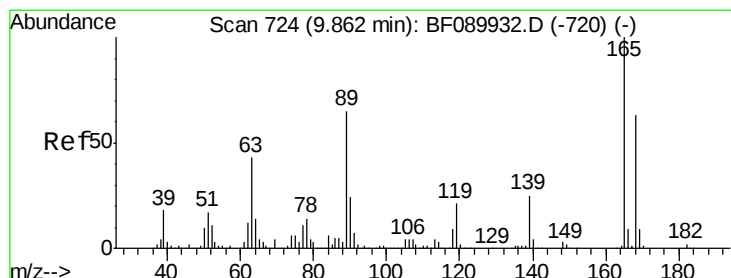
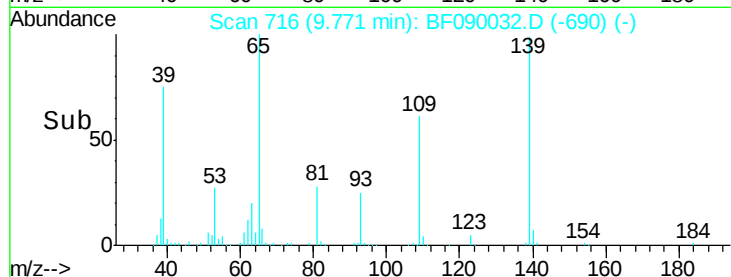
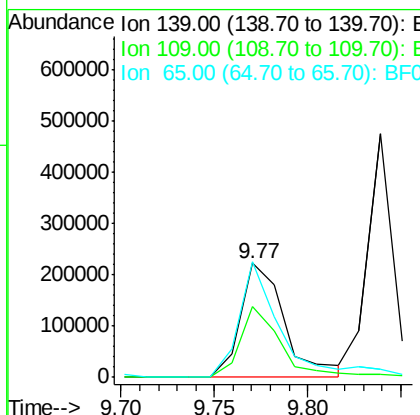
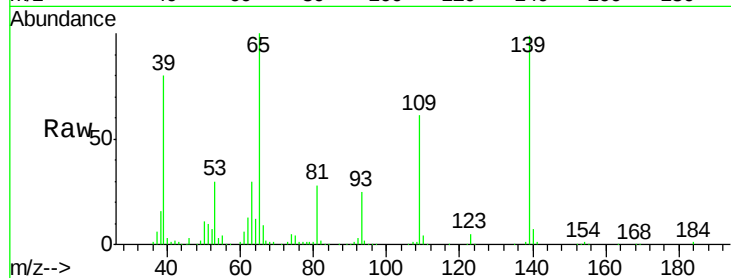




#55
4-Nitrophenol
Concen: 63.48 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

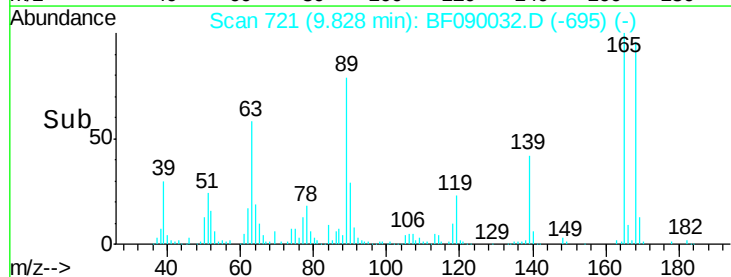
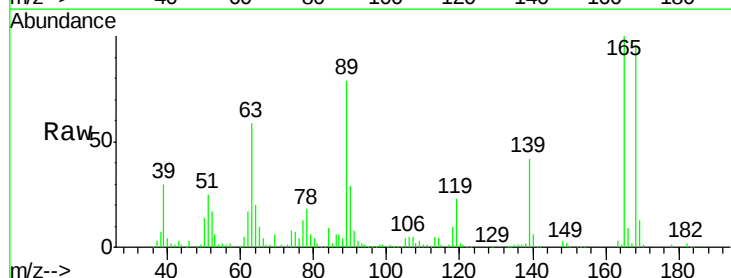
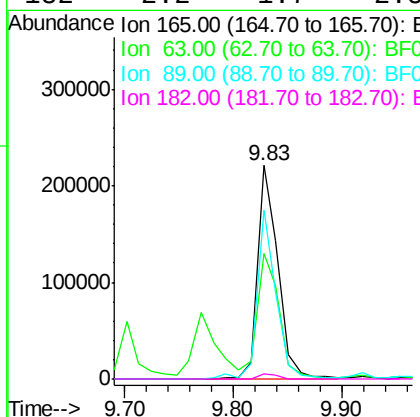
Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MSD

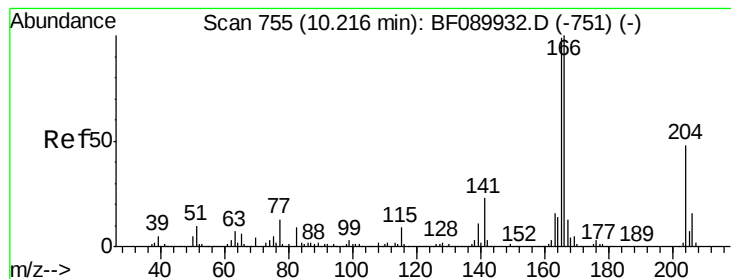
Tgt Ion:139 Resp: 367993
Ion Ratio Lower Upper
139 100
109 61.7 31.3 71.3
65 101.5 38.5 78.5#



#56
2,4-Dinitrotoluene
Concen: 33.89 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion:165 Resp: 289605
Ion Ratio Lower Upper
165 100
63 58.9 32.5 48.7#
89 79.1 48.3 72.5#
182 2.2 1.7 2.5





#57

Fluorene

Concen: 39.55 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

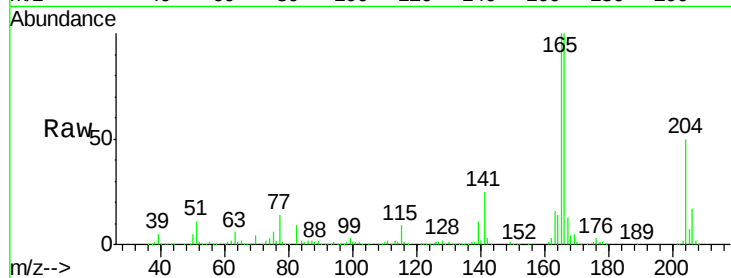
Tgt Ion:166 Resp: 968742

Ion Ratio Lower Upper

166 100

165 99.9 78.6 118.0

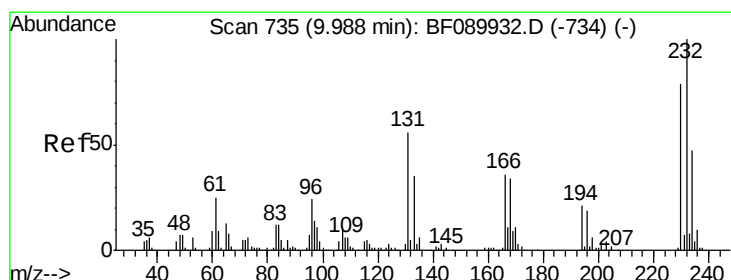
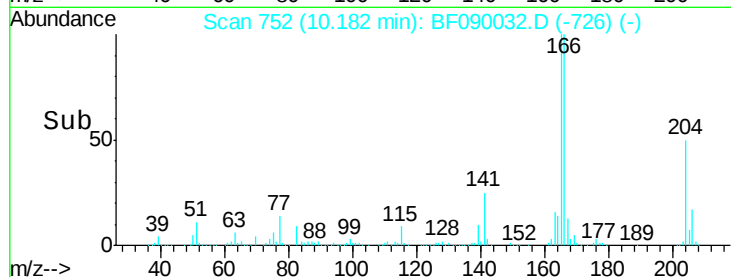
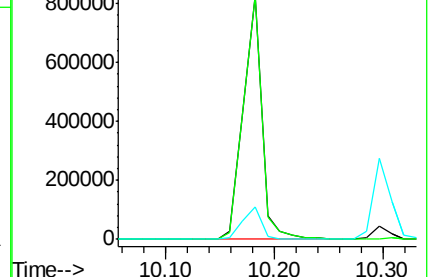
167 13.4 10.6 15.8



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: 40.82 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Tgt Ion:232 Resp: 285956

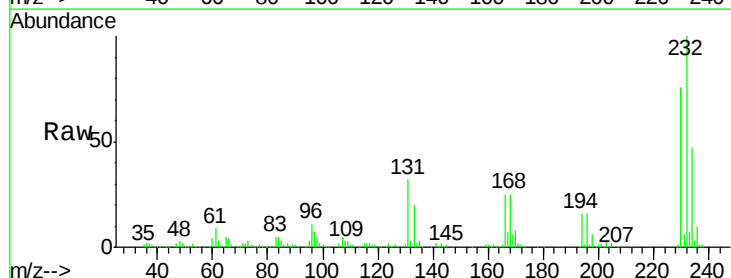
Ion Ratio Lower Upper

232 100

131 39.7 36.3 54.5

130 1.8 1.7 2.5

166 27.0 24.4 36.6

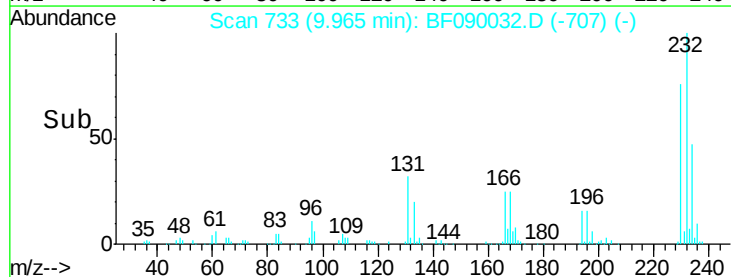
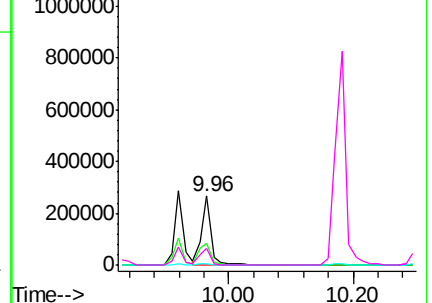


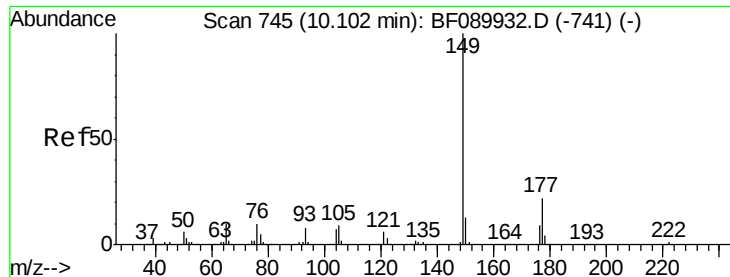
Abundance Ion 232.00 (231.70 to 232.70): E

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

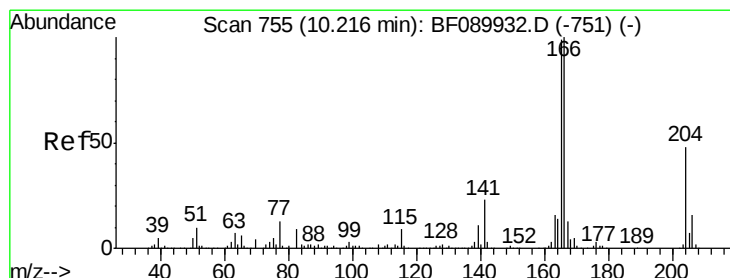
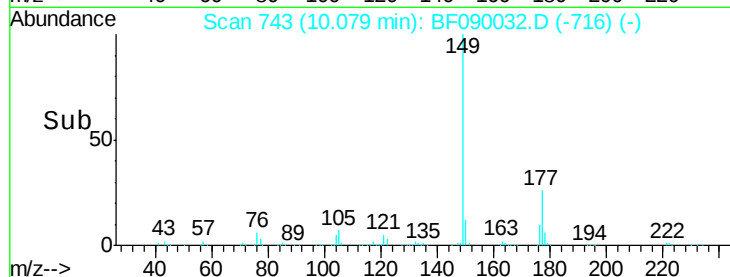
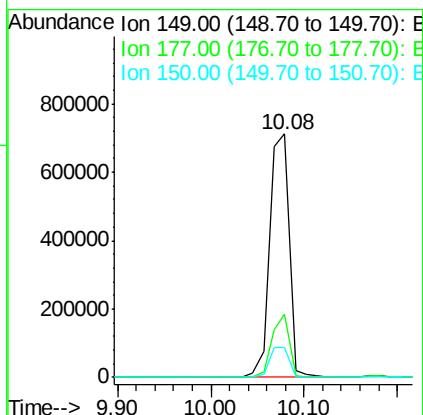
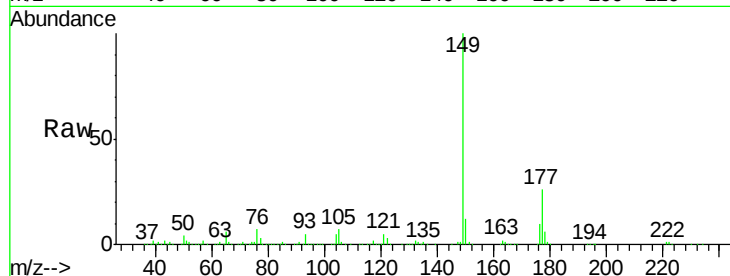




#59
Diethylphthalate
Concen: 36.54 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

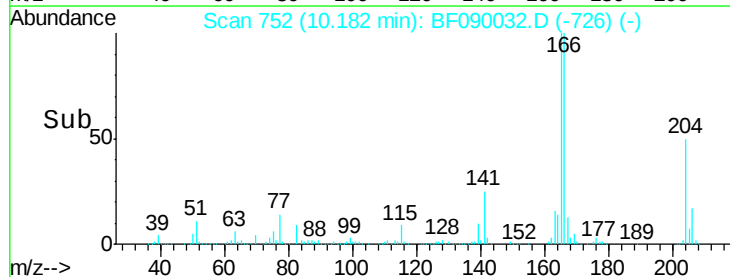
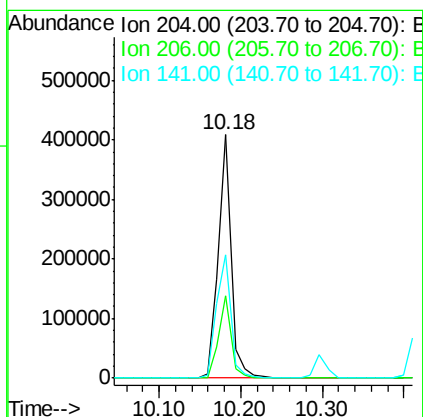
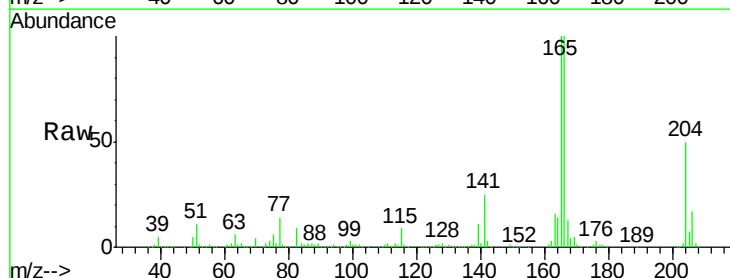
Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MSD

Tgt Ion:149 Resp: 1041400
Ion Ratio Lower Upper
149 100
177 25.9 17.7 26.5
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.92 ng
RT: 10.18 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion:204 Resp: 448594
Ion Ratio Lower Upper
204 100
206 33.6 26.6 40.0
141 50.8 36.5 54.7





#61

4-Nitroaniline

Concen: 32.71 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

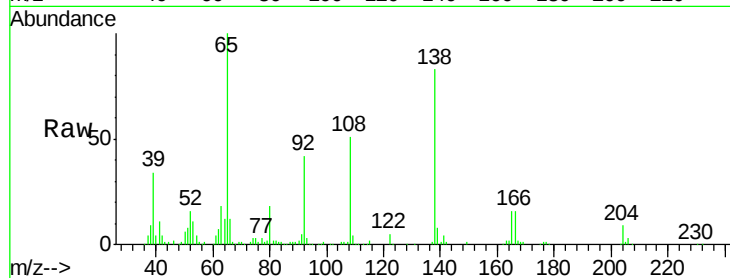
Tgt Ion:138 Resp: 247036

Ion Ratio Lower Upper

138 100

92 50.7 21.2 61.2

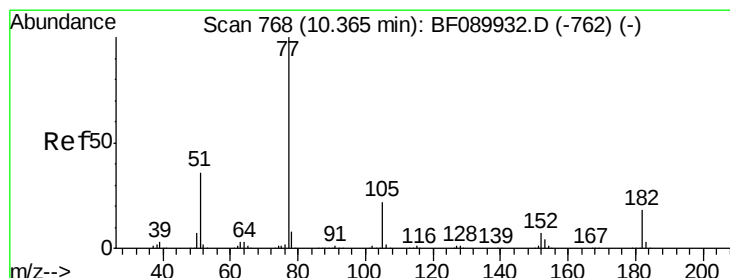
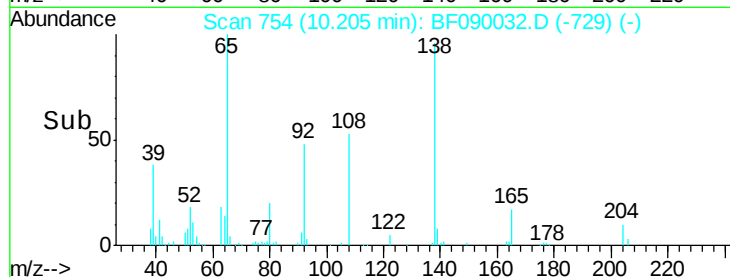
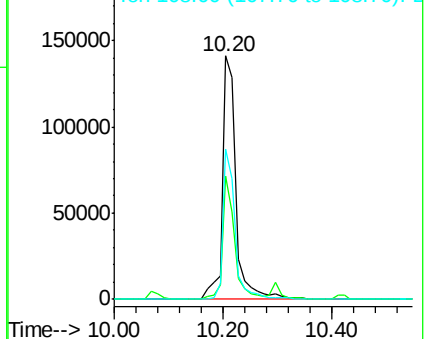
108 61.7 37.7 77.7



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: 36.95 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Tgt Ion: 77 Resp: 1051926

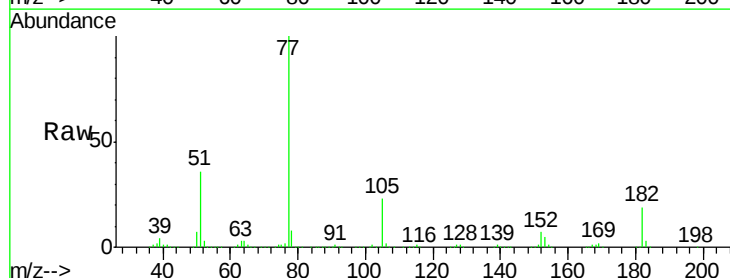
Ion Ratio Lower Upper

77 100

182 19.2 0.0 38.6

105 22.6 2.3 42.3

51 36.2 15.1 55.1

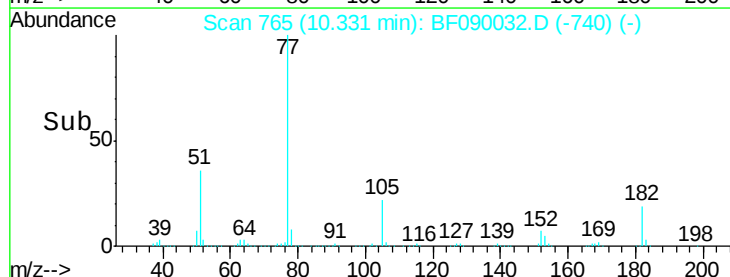
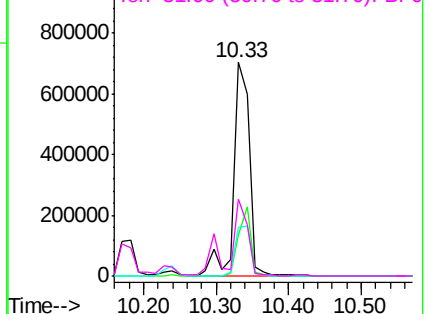


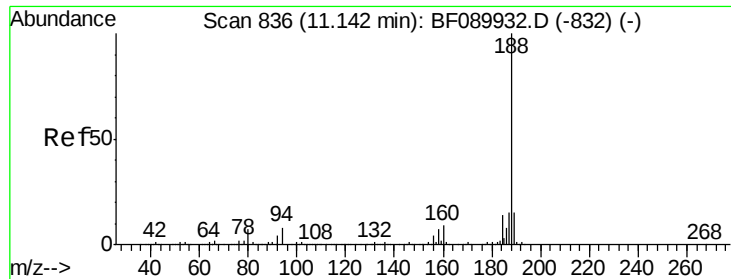
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

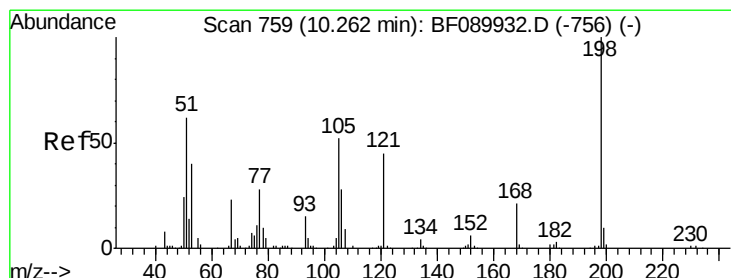
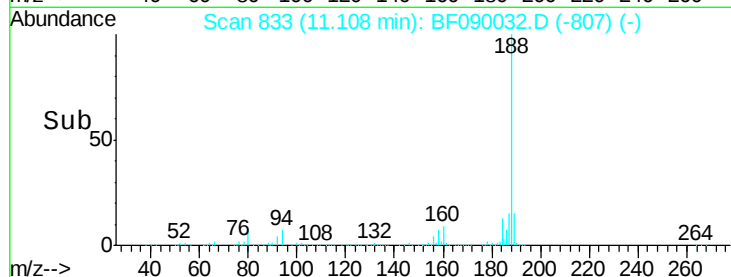
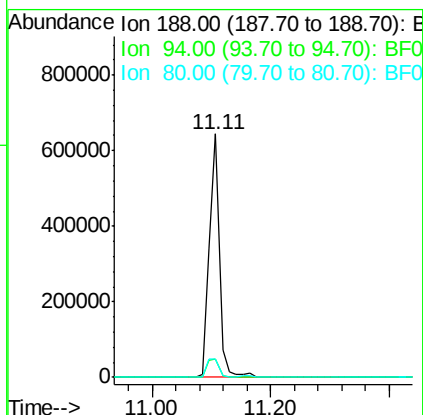
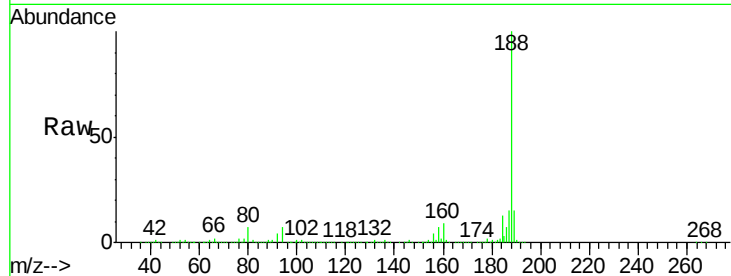




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

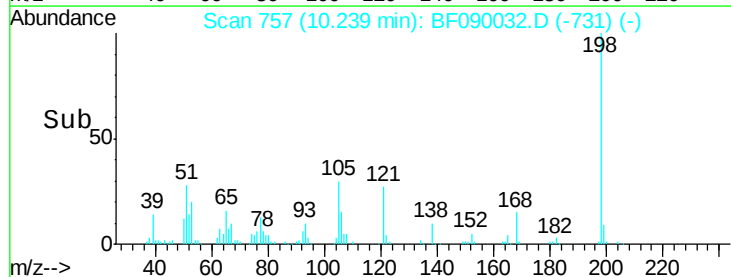
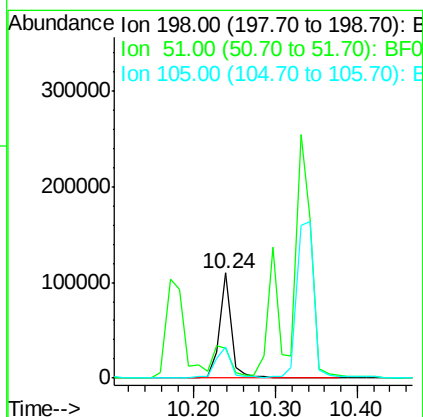
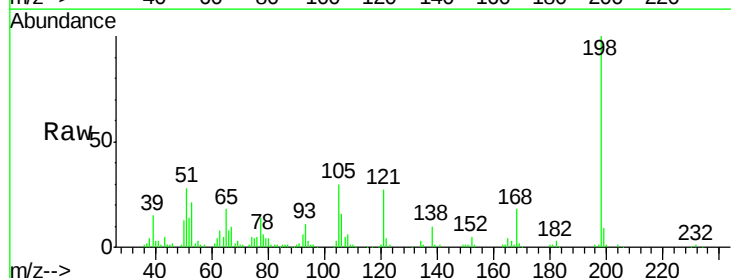
Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MSD

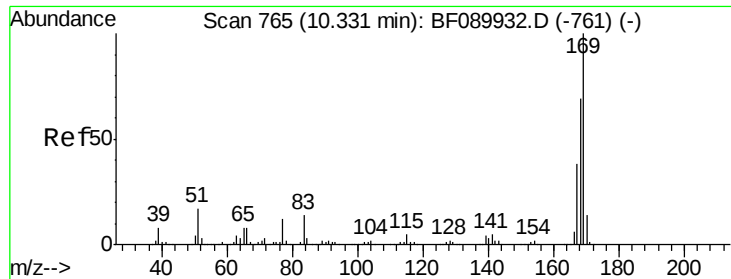
Tgt Ion:188 Resp: 765018
Ion Ratio Lower Upper
188 100
94 7.4 5.9 8.9
80 7.3 5.8 8.8



#64
4,6-Dinitro-2-methylphenol
Concen: 22.72 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion:198 Resp: 111297
Ion Ratio Lower Upper
198 100
51 28.2 43.0 83.0#
105 30.0 30.3 70.3#

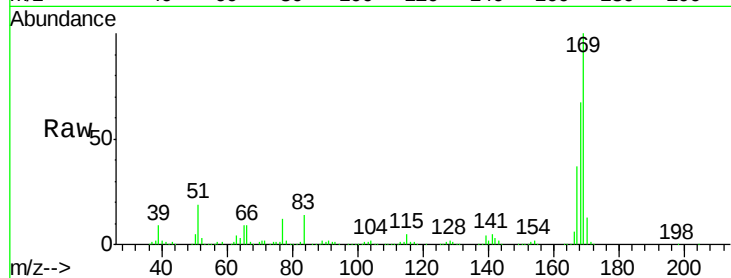




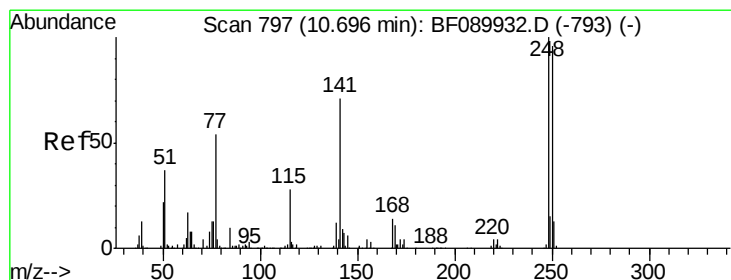
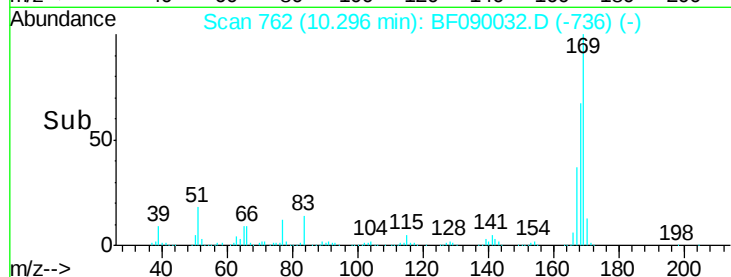
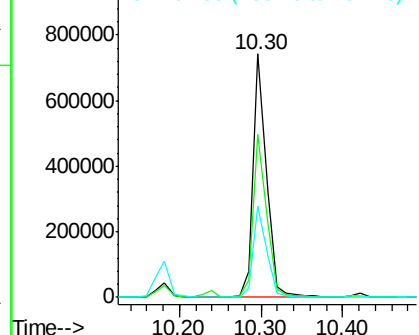
#65
 n-Nitrosodiphenylamine
 Concen: 36.25 ng
 RT: 10.30 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MSD

Tgt Ion:169 Resp: 833700
 Ion Ratio Lower Upper
 169 100
 168 66.7 55.0 82.4
 167 37.3 30.5 45.7

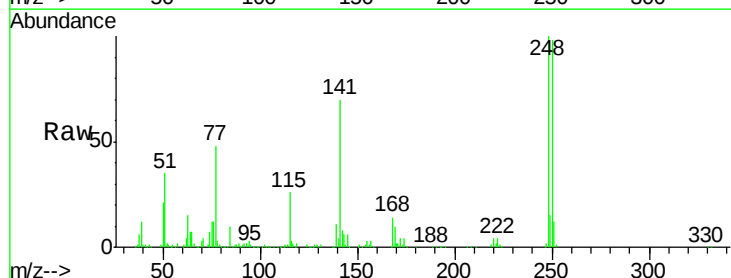


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

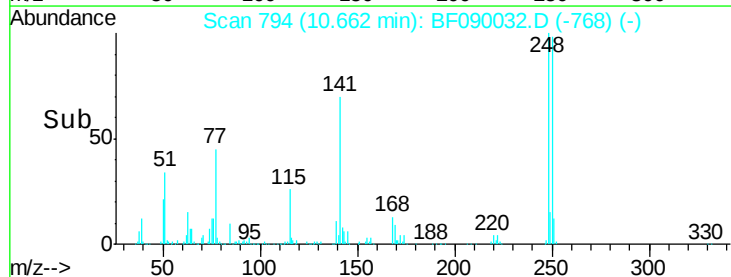
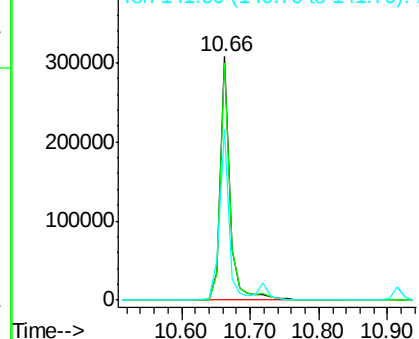


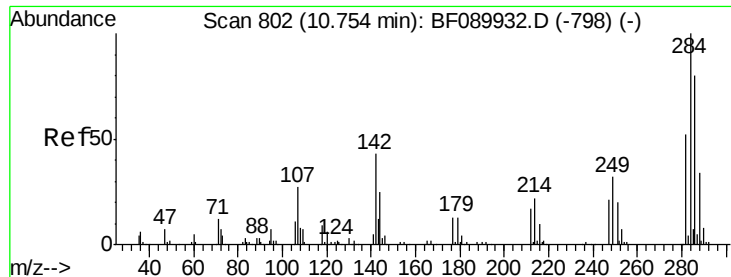
#66
 4-Bromophenyl-phenylether
 Concen: 40.26 ng
 RT: 10.66 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Tgt Ion:248 Resp: 310046
 Ion Ratio Lower Upper
 248 100
 250 97.6 77.3 115.9
 141 70.2 55.8 83.8



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

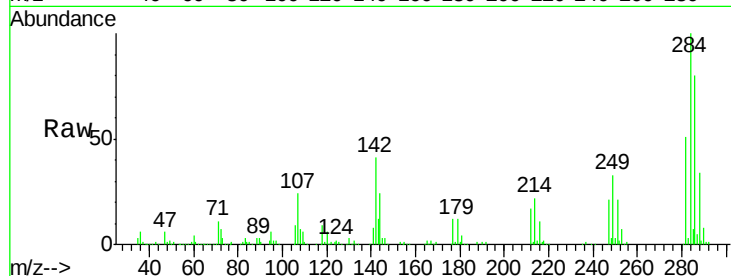




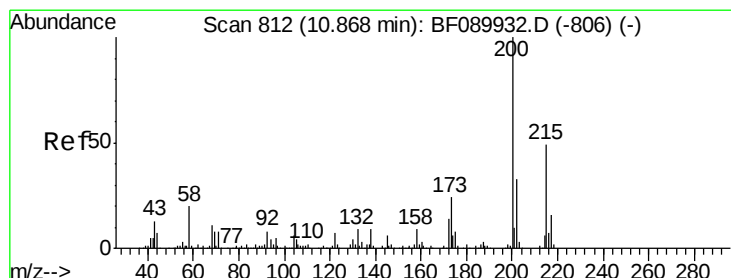
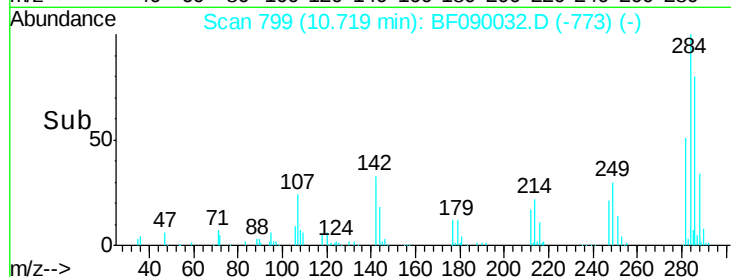
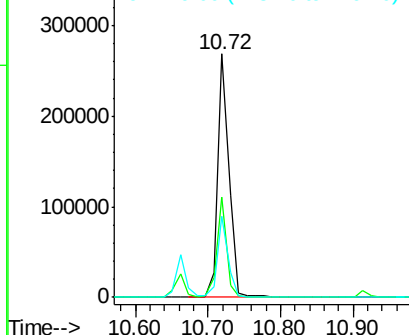
#67
Hexachlorobenzene
Concen: 33.09 ng
RT: 10.72 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MSD

Tgt Ion: 284 Resp: 291089
Ion Ratio Lower Upper
284 100
142 41.3 32.7 49.1
249 33.5 26.9 40.3

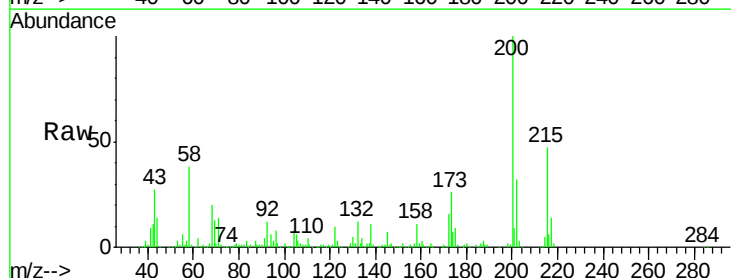


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

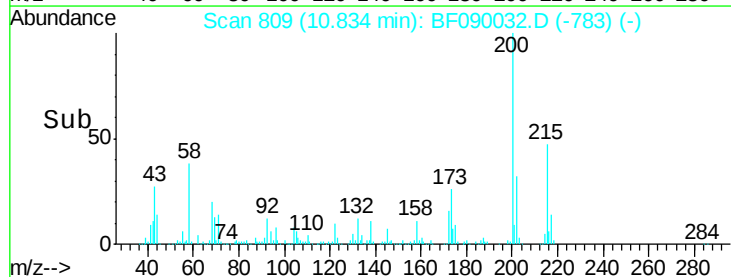
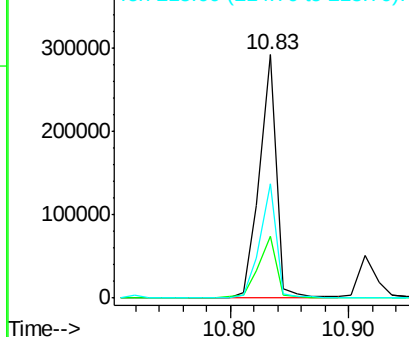


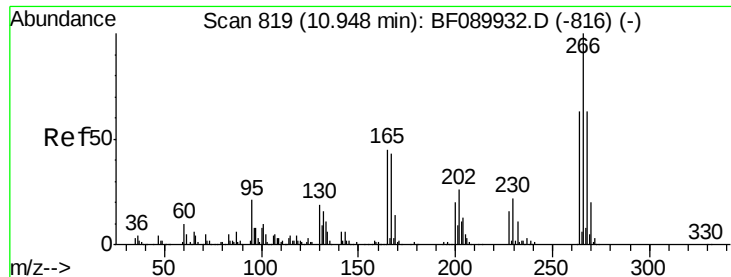
#68
Atrazine
Concen: 38.63 ng
RT: 10.83 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion: 200 Resp: 296577
Ion Ratio Lower Upper
200 100
173 25.6 9.4 49.4
215 47.0 24.5 64.5



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

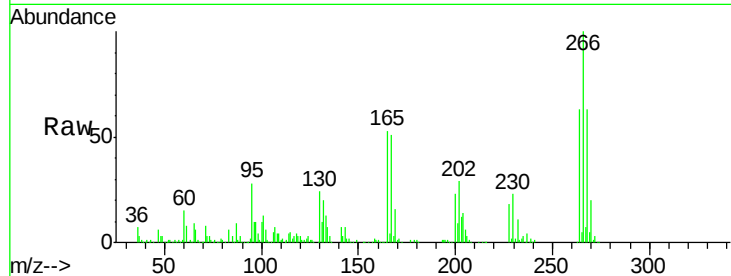




#69
 Pentachlorophenol
 Concen: 62.21 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.0	76.6
264	63.1	50.6	75.8

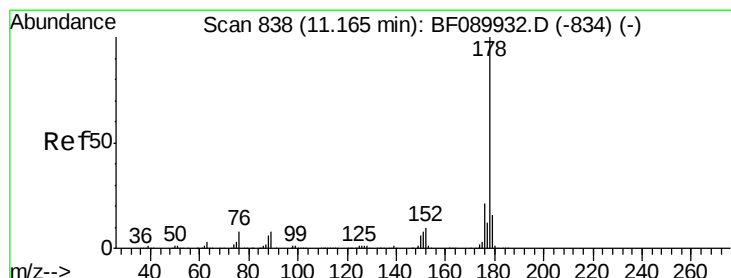
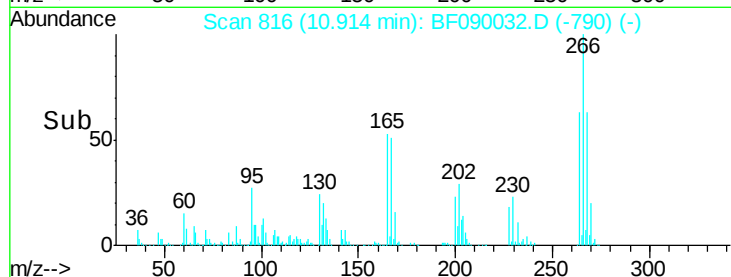
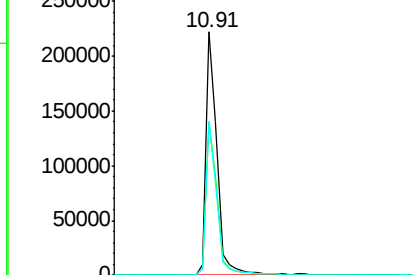


Abundance

Ion 265.70 (265.40 to 266.40): E

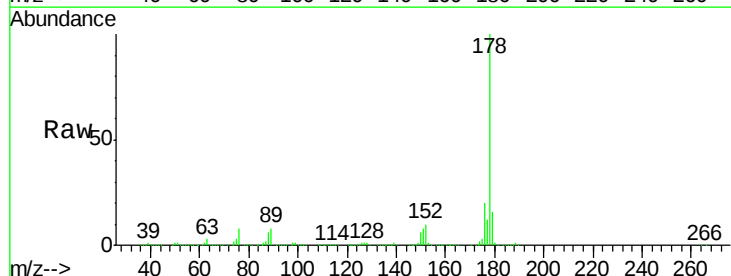
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 37.02 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.5	24.7
179	15.9	12.8	19.2

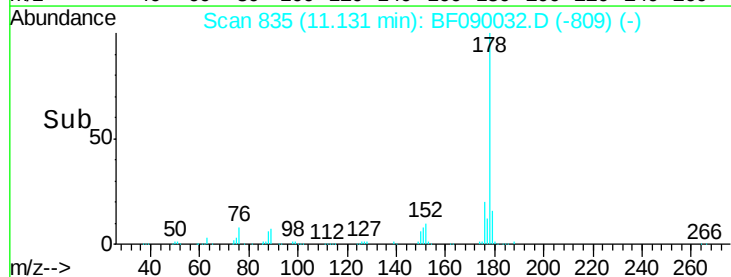
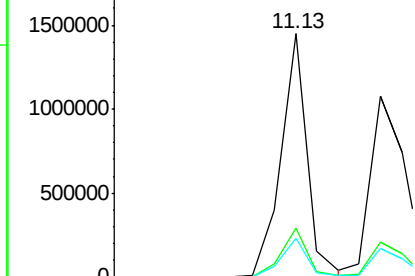


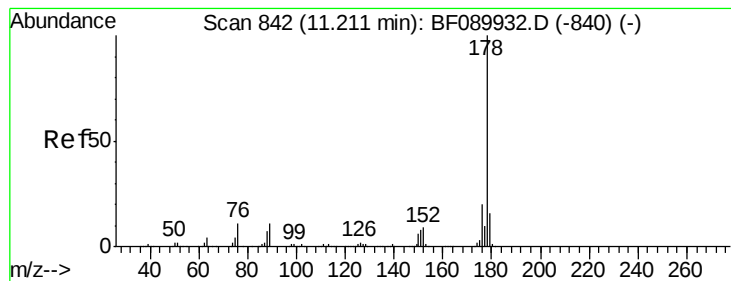
Abundance

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





#71

Anthracene

Concen: 36.94 ng

RT: 11.18 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

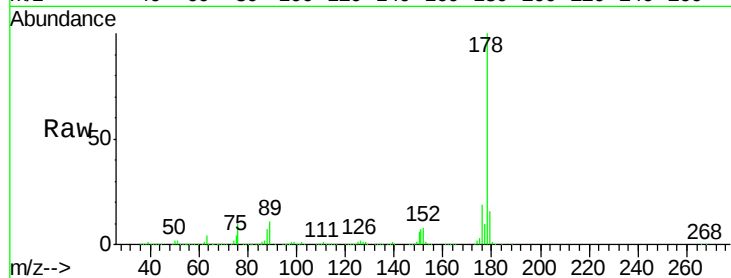
Tgt Ion:178 Resp: 1427355

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

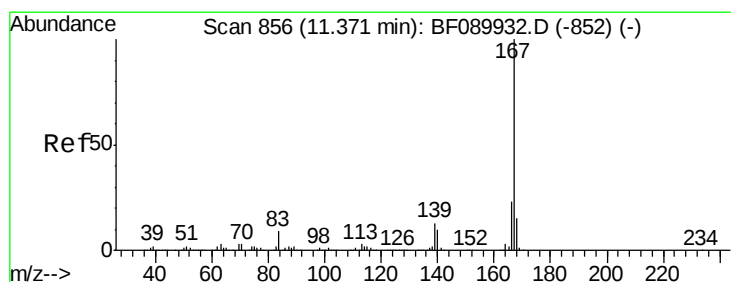
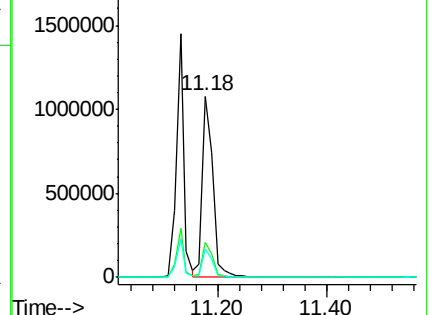
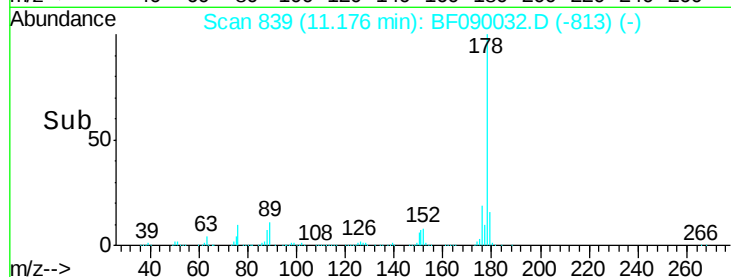
179 15.8 13.0 19.4



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



#72

Carbazole

Concen: 34.26 ng

RT: 11.34 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

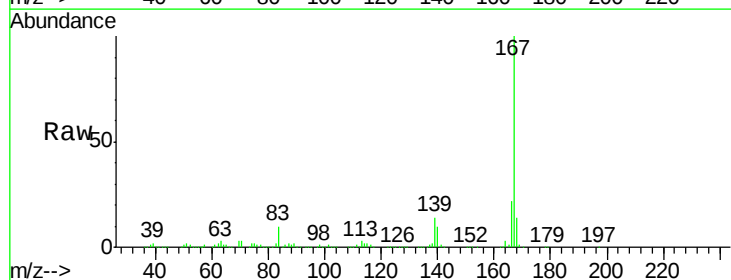
Tgt Ion:167 Resp: 1241149

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

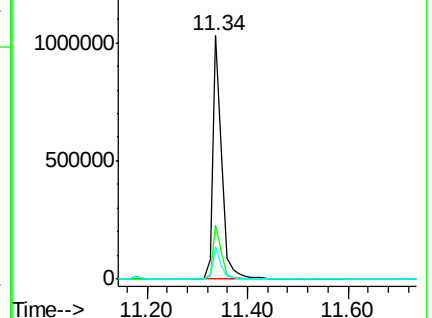
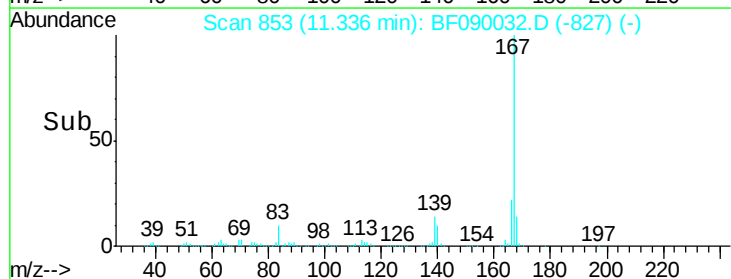
139 13.6 10.4 15.6

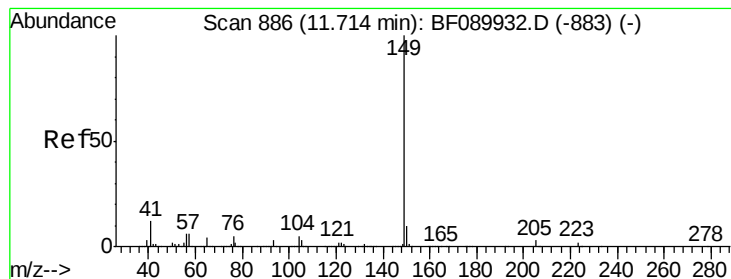


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.52 ng

RT: 11.69 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

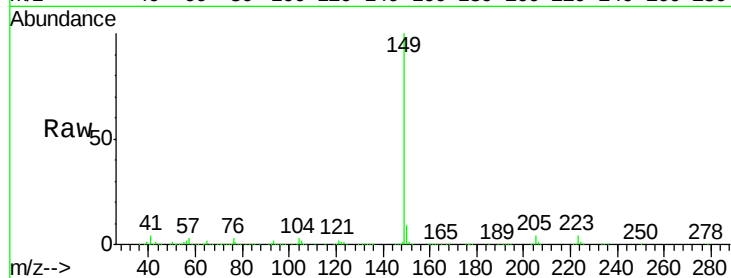
Tgt Ion:149 Resp: 1542329

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.8

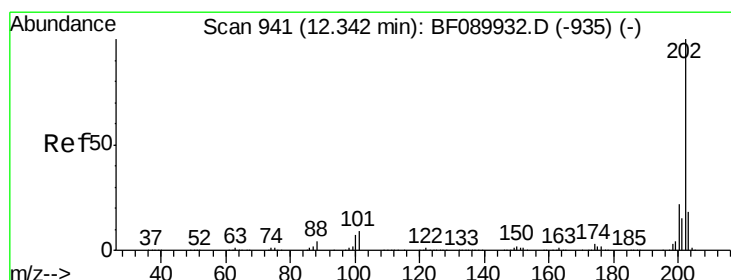
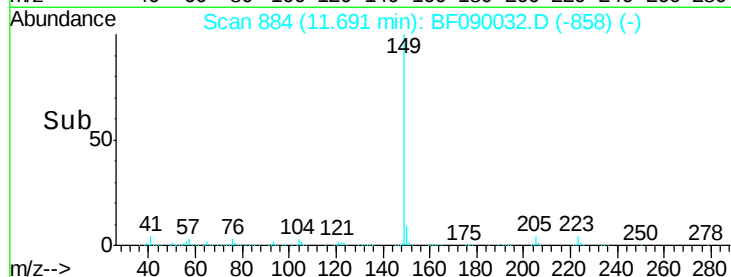
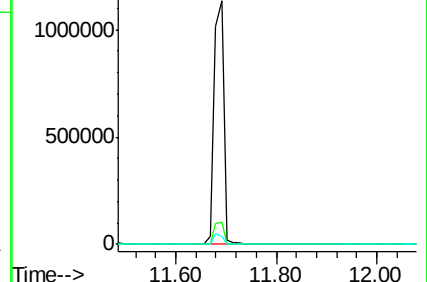
104 3.2 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.58 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

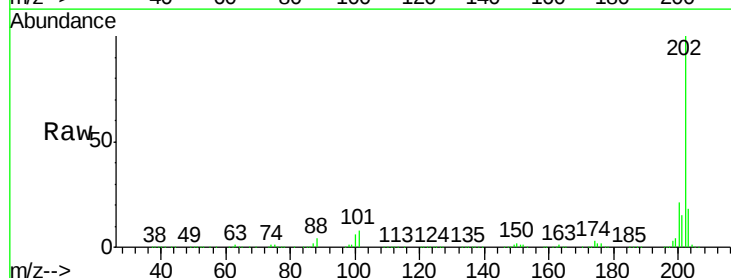
Tgt Ion:202 Resp: 1460415

Ion Ratio Lower Upper

202 100

101 8.3 0.0 28.5

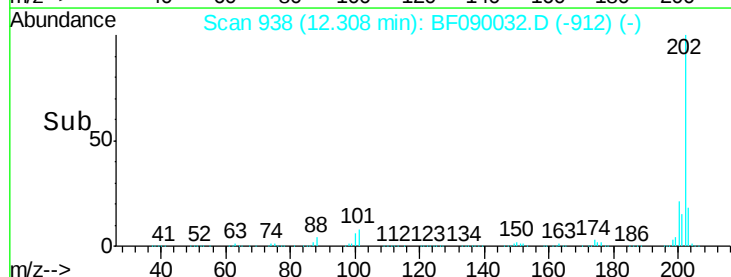
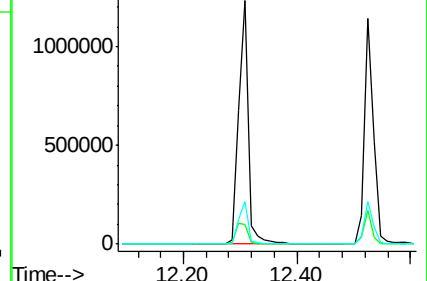
203 17.6 0.0 38.0

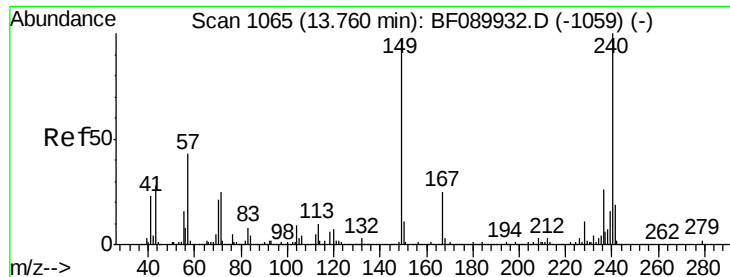


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

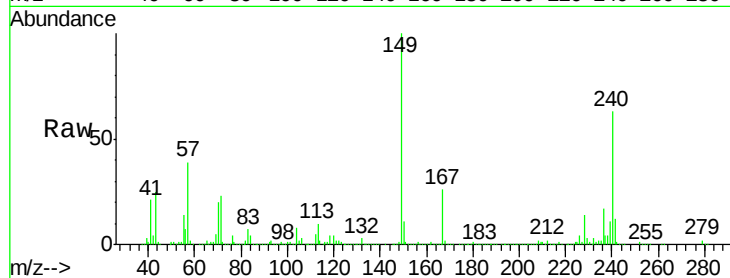
Tgt Ion:240 Resp: 454559

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

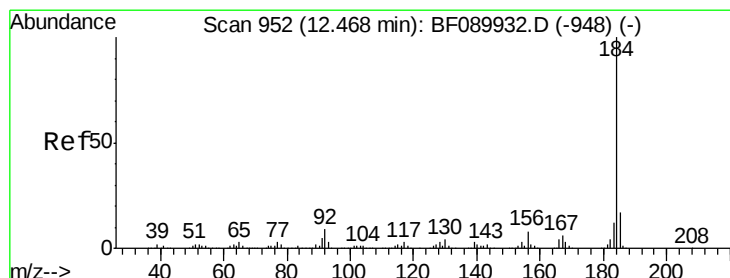
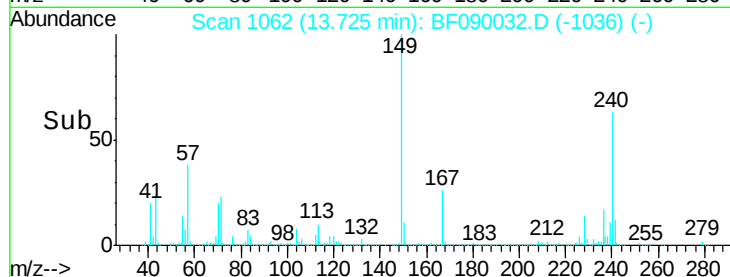
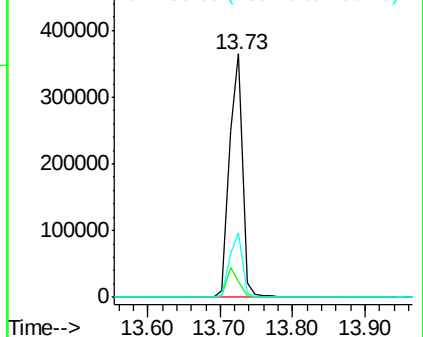
236 26.6 21.3 31.9



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: 41.33 ng

RT: 12.45 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

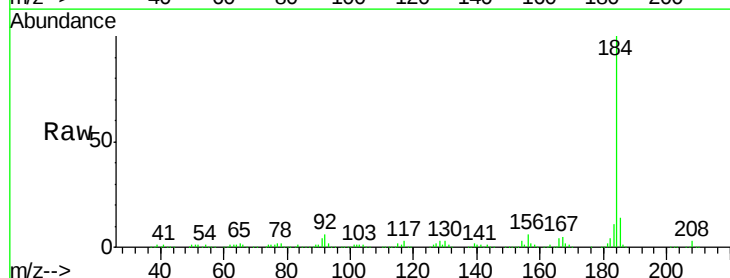
Tgt Ion:184 Resp: 711730

Ion Ratio Lower Upper

184 100

185 14.1 13.8 20.8

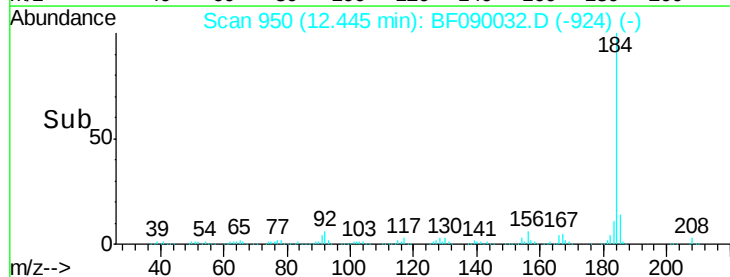
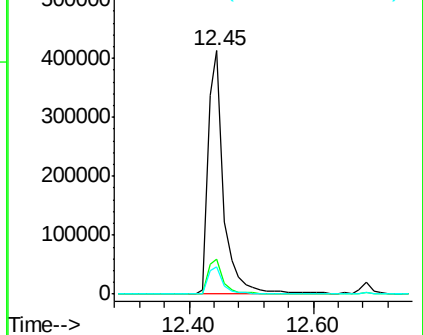
183 11.3 9.6 14.4

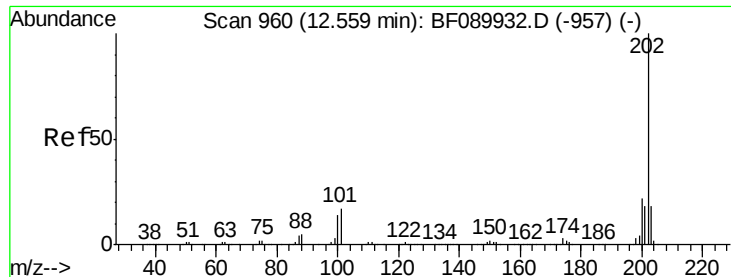


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.72 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

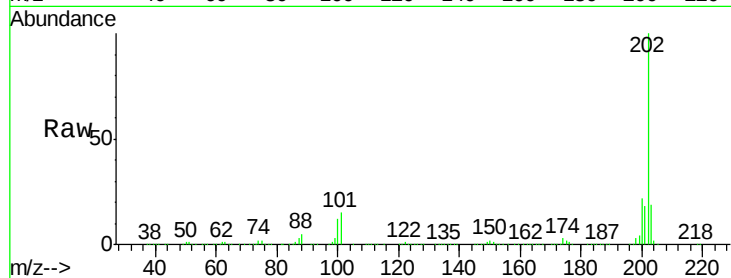
Tgt Ion:202 Resp: 1305057

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

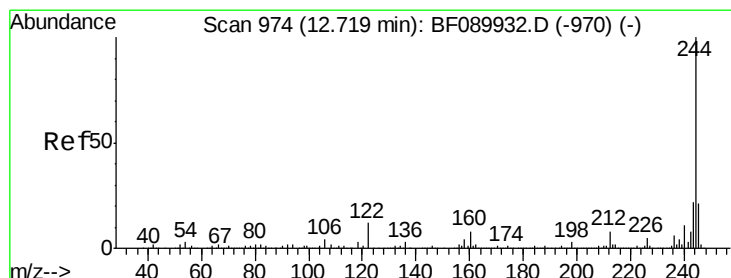
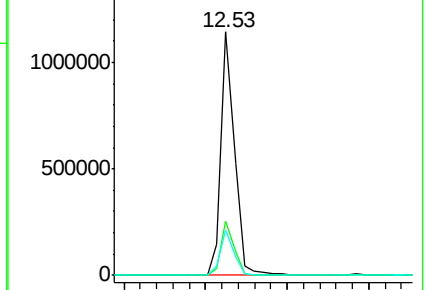
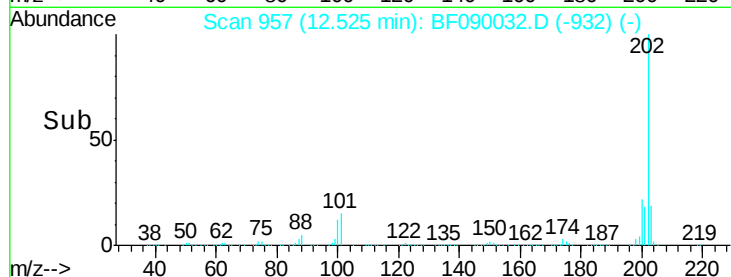
203 18.7 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.97 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

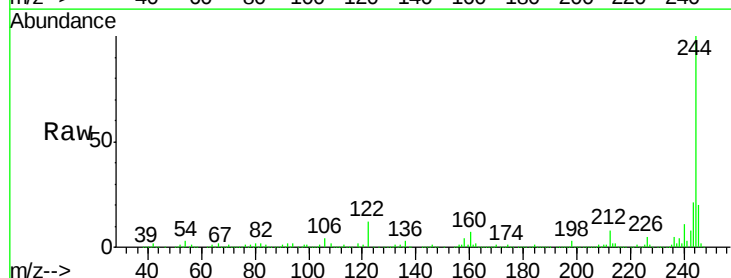
Tgt Ion:244 Resp: 1471556

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

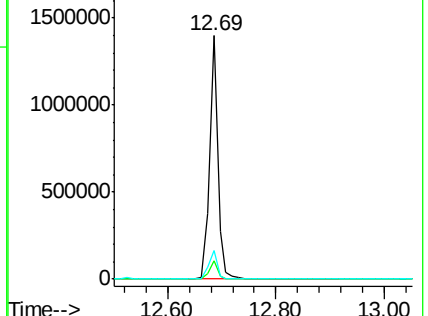
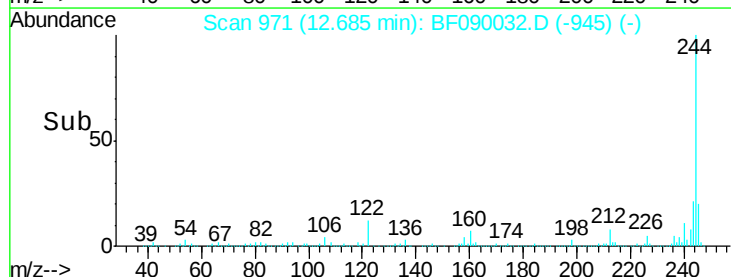
122 11.6 9.6 14.4

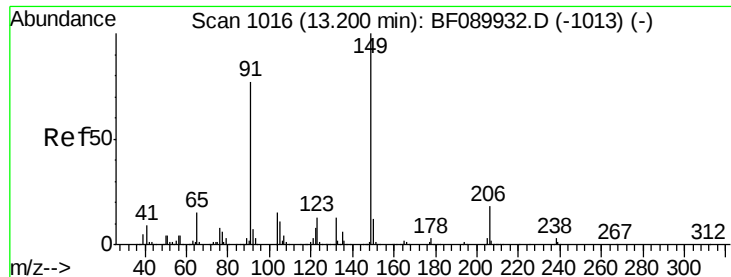


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.38 ng

RT: 13.17 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

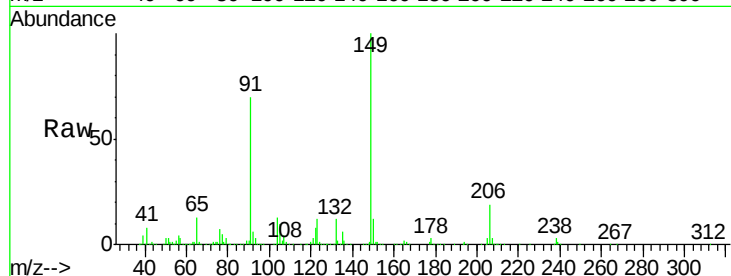
Tgt Ion:149 Resp: 560643

Ion Ratio Lower Upper

149 100

91 69.7 60.0 90.0

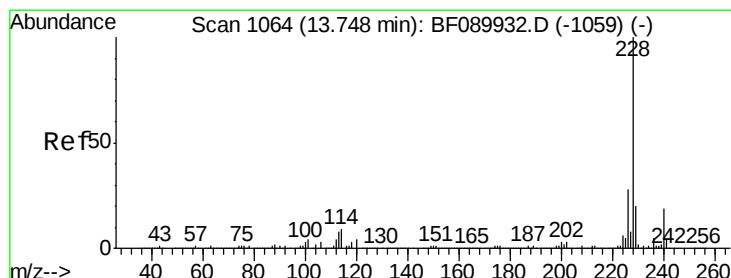
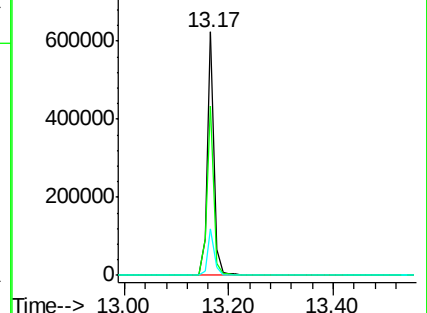
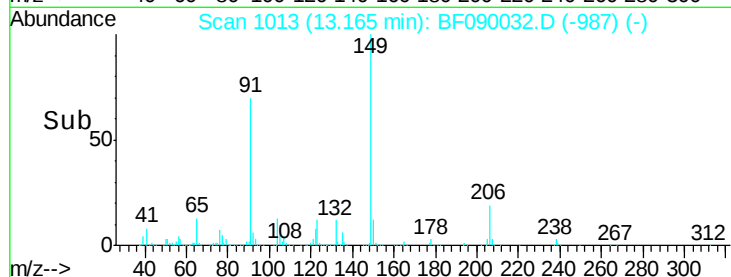
206 18.9 15.1 22.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.41 ng

RT: 13.71 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

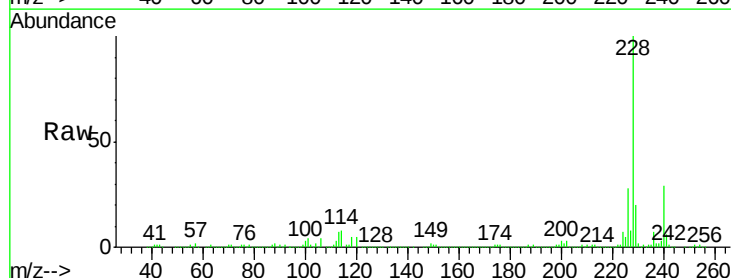
Tgt Ion:228 Resp: 1125054

Ion Ratio Lower Upper

228 100

226 27.9 22.2 33.2

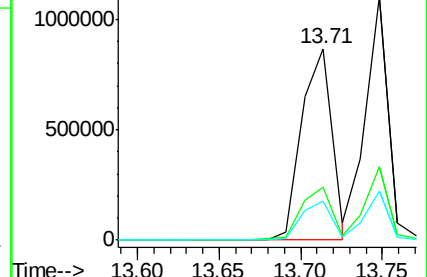
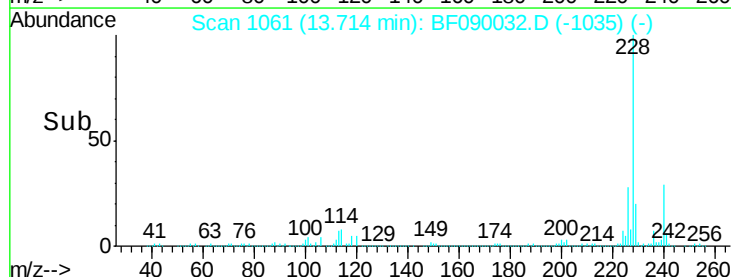
229 20.1 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

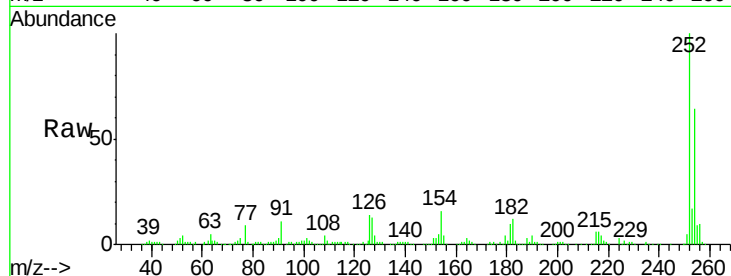




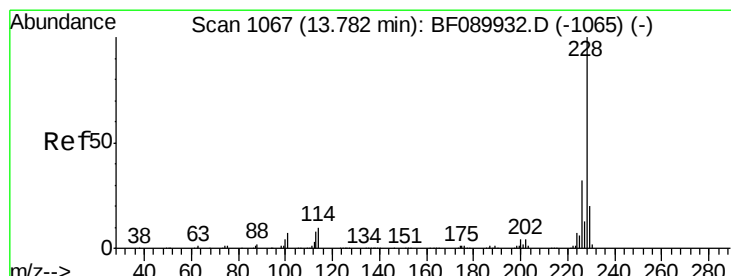
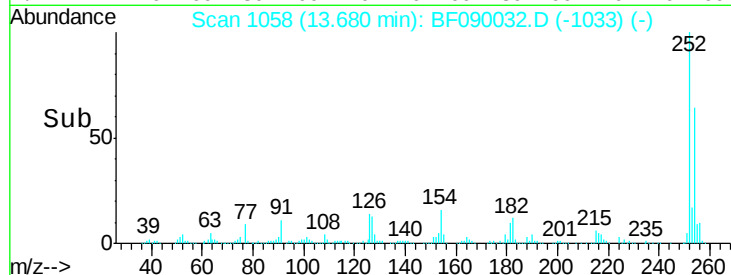
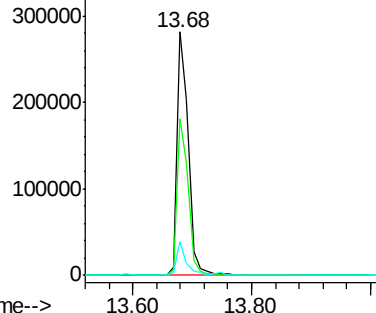
#81
 3,3'-Dichlorobenzidine
 Concen: 37.28 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MSD

Tgt Ion: 252 Resp: 374649
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.3 76.9
 126 13.9 12.3 18.5

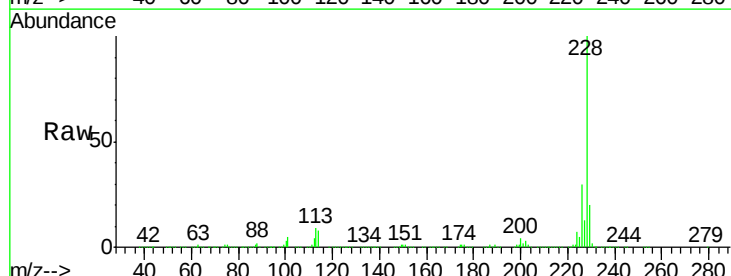


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

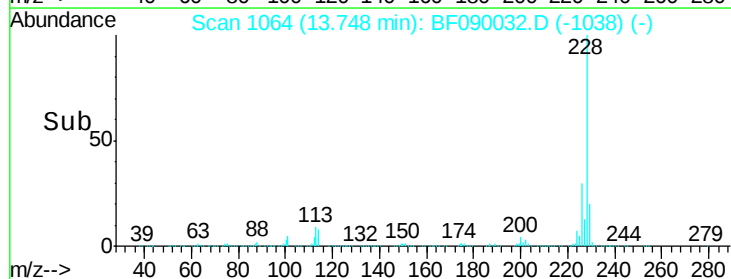
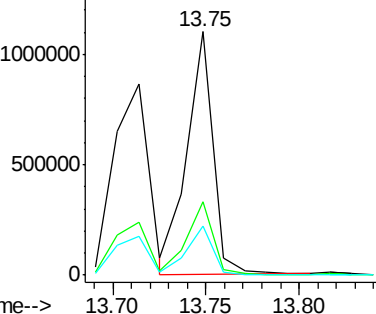


#82
 Chrysene
 Concen: 41.16 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Tgt Ion: 228 Resp: 1070395
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.2 37.8
 229 19.9 16.2 24.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.36 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

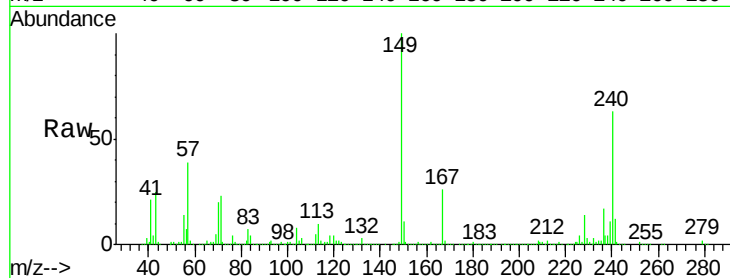
Tgt Ion:149 Resp: 703707

Ion Ratio Lower Upper

149 100

167 26.1 23.6 35.4

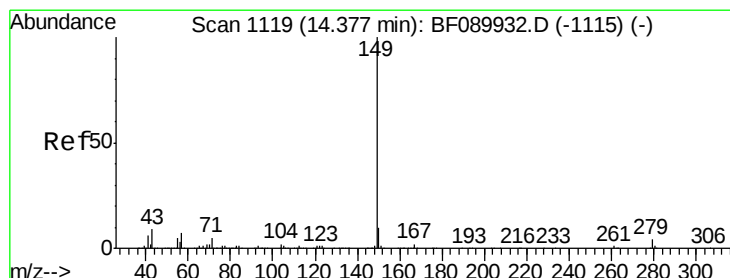
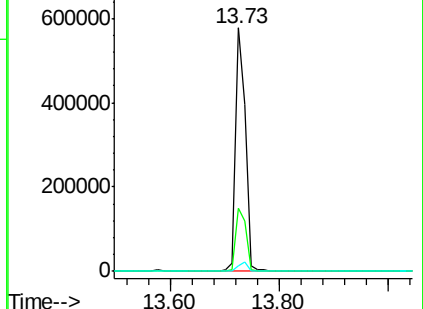
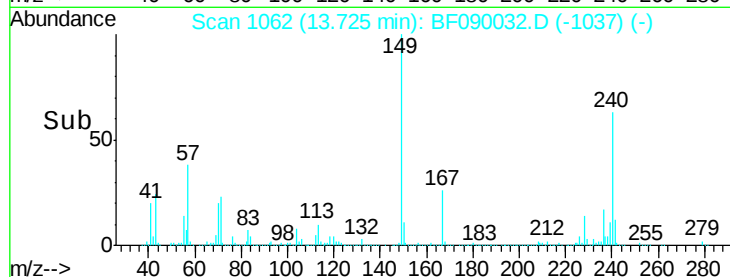
279 2.1 3.4 5.2#



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: 42.14 ng

RT: 14.34 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

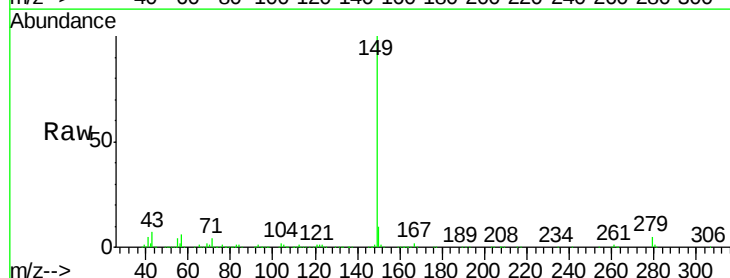
Tgt Ion:149 Resp: 1215863

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

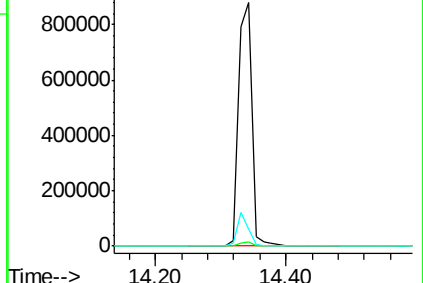
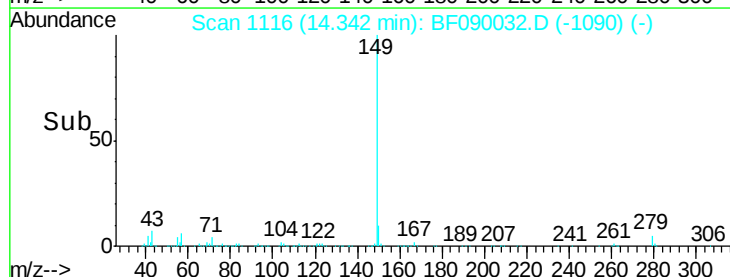
43 11.1 9.3 13.9

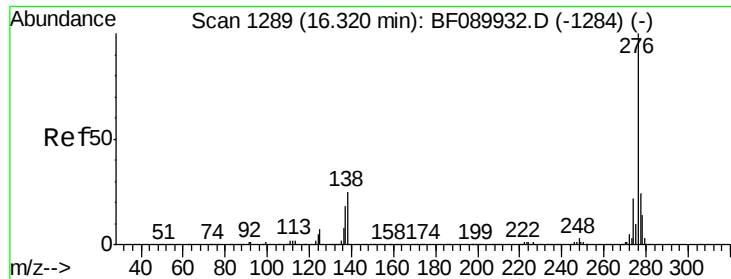


Abundance Ion 149.00 (148.70 to 149.70): E

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: 47.32 ng

RT: 16.27 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

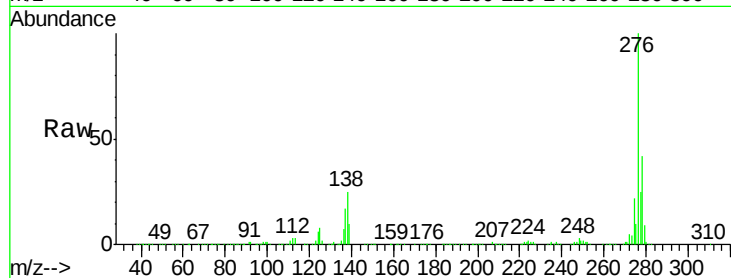
Tgt Ion:276 Resp: 909788

Ion Ratio Lower Upper

276 100

138 27.6 22.6 34.0

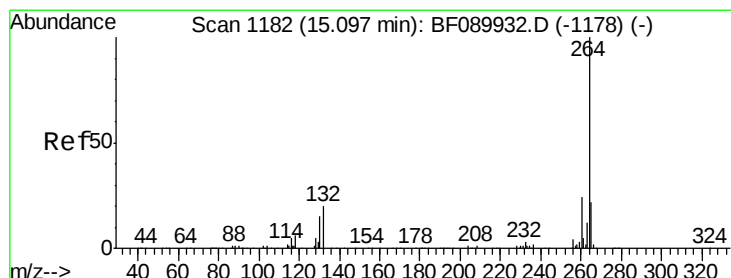
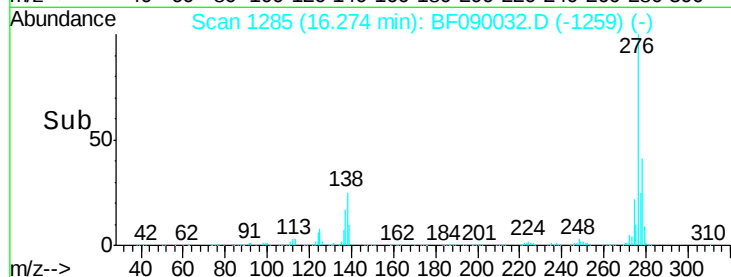
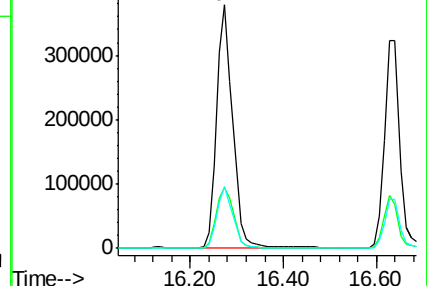
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.06 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

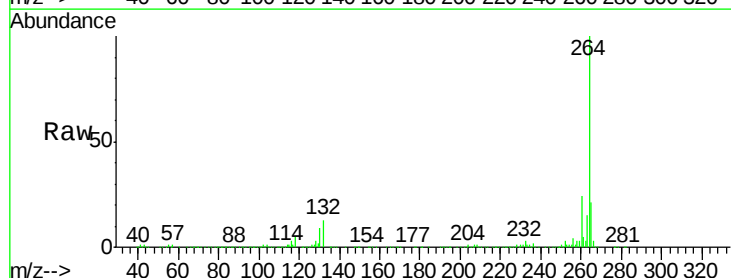
Tgt Ion:264 Resp: 471884

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

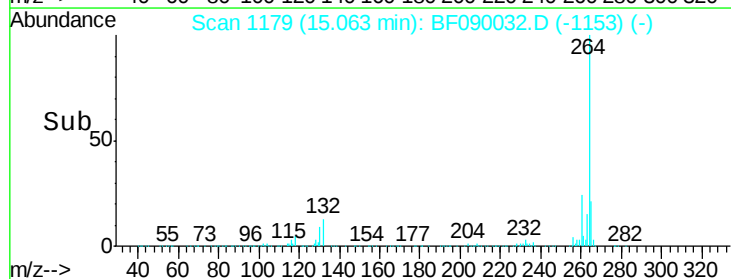
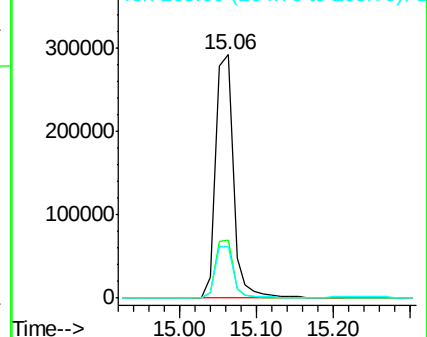
265 21.2 17.4 26.2

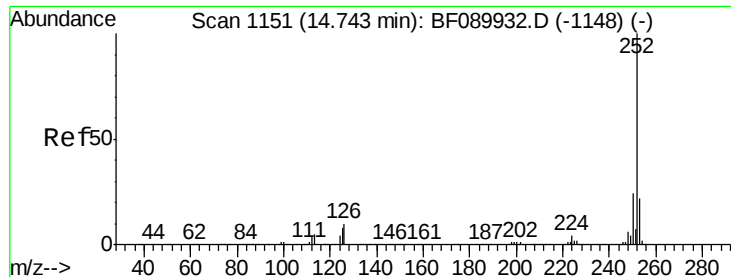


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 71.69 ng

RT: 14.73 min Scan# 1150

Delta R.T. 0.02 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MSD

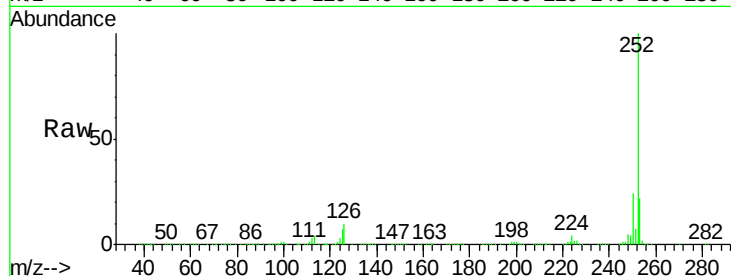
Tgt Ion:252 Resp: 2119249

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

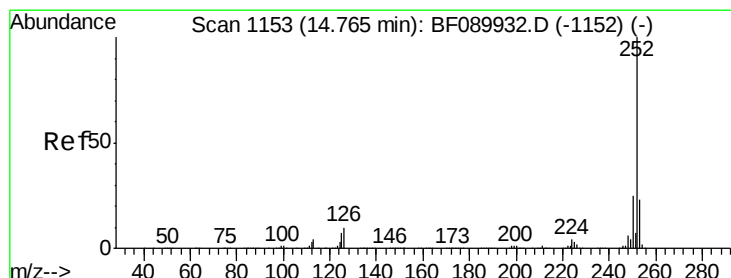
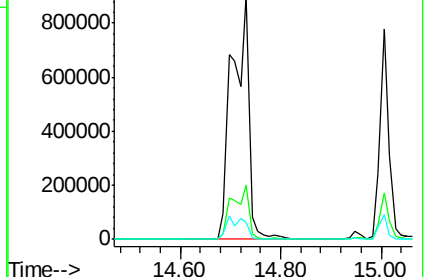
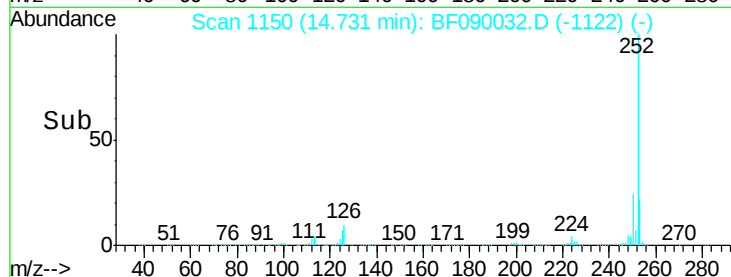
125 7.0 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 84.48 ng

RT: 14.73 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF090032.D

Acq: 8 Sep 2016 18:52

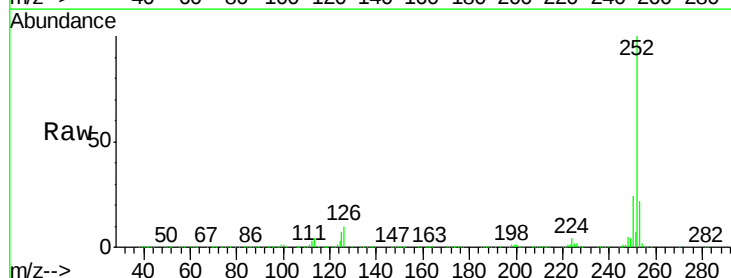
Tgt Ion:252 Resp: 2119249

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

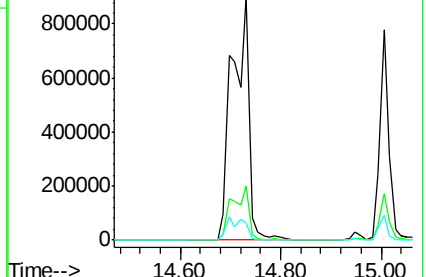
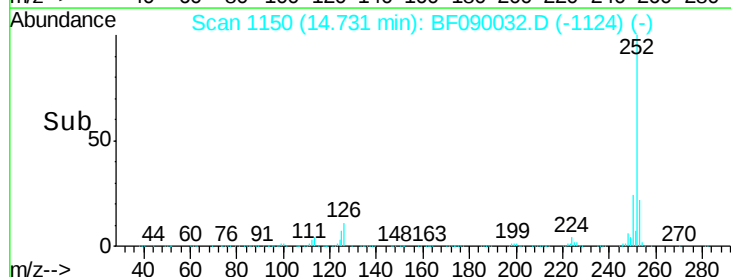
125 7.0 7.3 10.9#

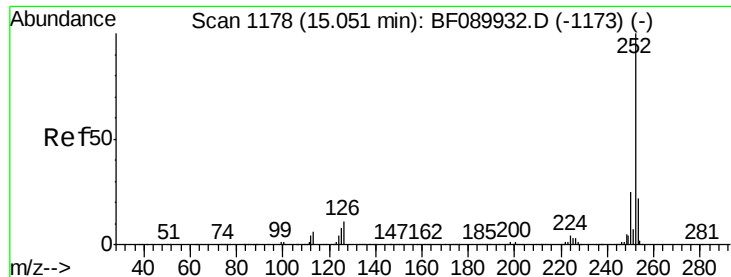


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

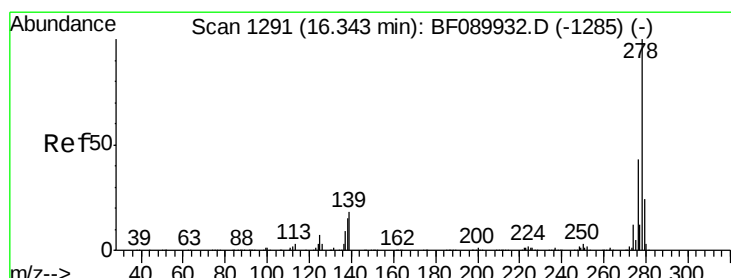
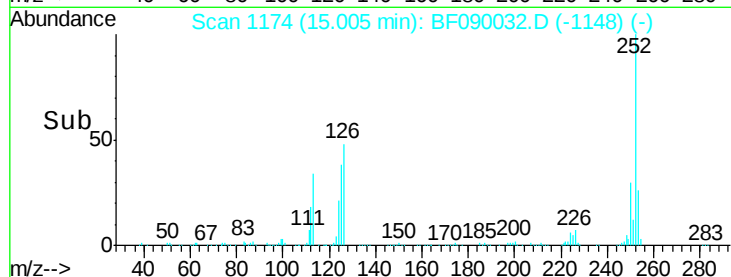
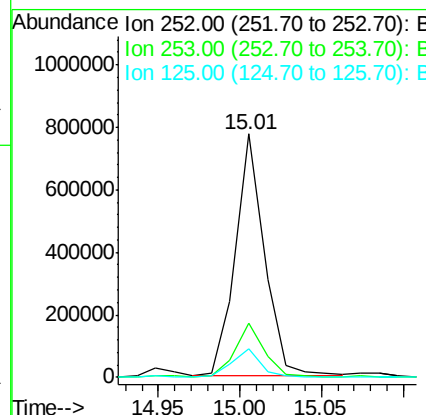
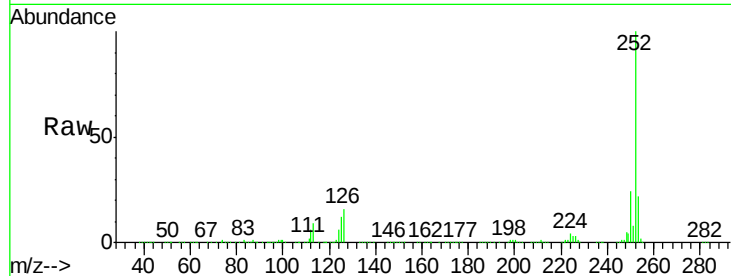




#89
Benzo(a)pyrene
Concen: 37.72 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

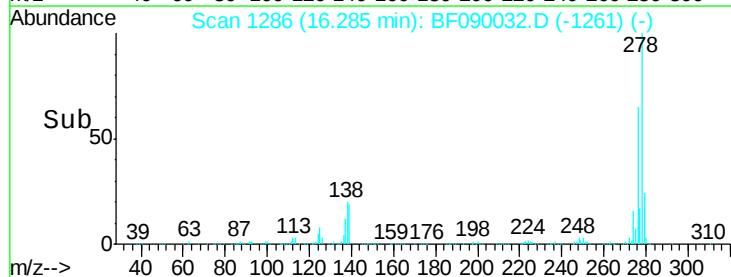
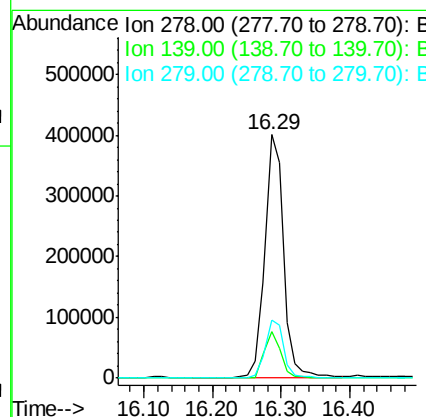
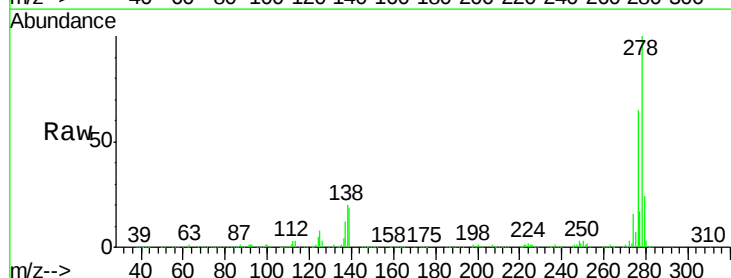
Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MSD

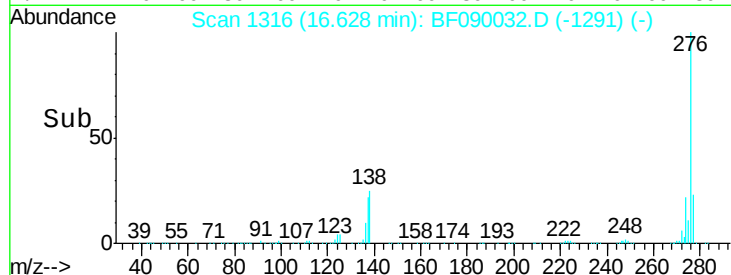
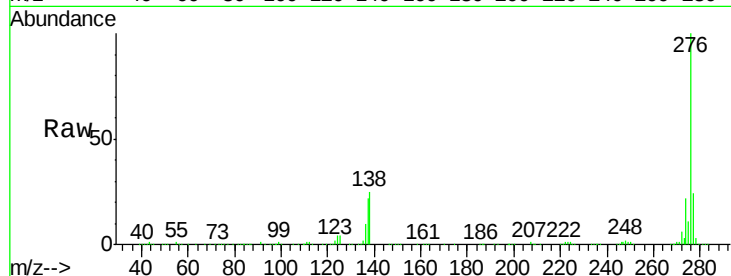
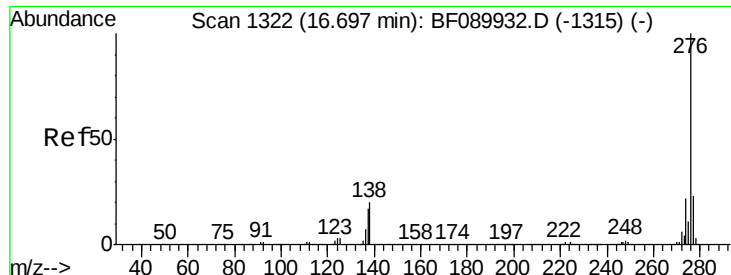
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	12.0	6.3	9.5



#90
Dibenzo(a,h)anthracene
Concen: 40.48 ng
RT: 16.29 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF090032.D
Acq: 8 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.2	13.4	20.2
279	23.8	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 39.49 ng
 RT: 16.63 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF090032.D
 Acq: 8 Sep 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	25.4	16.4	24.6

