

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090838.D
 Acq On : 26 Oct 2016 13:00
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 13:49:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 13:46:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	201193	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	820425	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	492451	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	793942	20.00	ng	0.00
75) Chrysene-d12	13.96	240	701312	20.00	ng	0.00
86) Perylene-d12	15.37	264	548455	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	916729	73.48	ng	0.00
7) Phenol-d6	6.43	99	1301087	77.00	ng	0.00
23) Nitrobenzene-d5	7.37	82	1100251	73.55	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	389456	99.92	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	2163340	68.20	ng	0.00
78) Terphenyl-d14	12.91	244	2329065	76.11	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.35	88	243298	33.70	ng	# 74
3) Pyridine	3.05	79	680443	40.23	ng	# 68
4) n-Nitrosodimethylamine	3.00	42	176811	30.55	ng	# 57
6) Aniline	6.45	93	751461	39.22	ng	# 54
8) 2-Chlorophenol	6.58	128	613954	41.00	ng	# 95
9) Benzaldehyde	6.34	77	320881	34.73	ng	# 86
10) Phenol	6.45	94	675453	35.56	ng	# 24
11) bis(2-Chloroethyl)ether	6.53	93	625482	39.19	ng	# 87
12) 1,3-Dichlorobenzene	6.97	146	561059	37.30	ng	# 98
13) 1,4-Dichlorobenzene	6.97	146	574431	36.00	ng	# 96
14) 1,2-Dichlorobenzene	6.97	146	587890	37.64	ng	# 98
15) Benzyl Alcohol	6.94	79	450017	39.21	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	7.07	45	648735	27.14	ng	# 60
17) 2-Methylphenol	7.06	107	469510	41.61	ng	# 85
18) Hexachloroethane	7.30	117	221493	34.20	ng	# 92
19) n-Nitroso-di-n-propylamine	7.22	70	404029	32.11	ng	# 69
20) 3+4-Methylphenols	7.22	107	568228	42.48	ng	# 86
22) Acetophenone	7.21	105	715332	39.12	ng	# 85
24) Nitrobenzene	7.38	77	525803	32.42	ng	# 70
25) Isophorone	7.62	82	1019436	36.00	ng	# 89
26) 2-Nitrophenol	7.70	139	352200	53.16	ng	# 83
27) 2,4-Dimethylphenol	7.74	122	540936	46.05	ng	# 84
28) bis(2-Chloroethoxy)methane	7.84	93	655742	42.33	ng	# 93
29) 2,4-Dichlorophenol	7.94	162	464245	48.16	ng	# 92
30) 1,2,4-Trichlorobenzene	8.02	180	521952	46.01	ng	# 96
31) Naphthalene	8.10	128	1457852	36.33	ng	# 97
32) Benzoic acid	7.89	122	361781	44.37	ng	# 68
33) 4-Chloroaniline	8.16	127	718300	48.26	ng	# 93
34) Hexachlorobutadiene	8.22	225	328106	51.43	ng	# 99
35) Caprolactam	8.54	113	153494	55.75	ng	# 80
36) 4-Chloro-3-methylphenol	8.65	107	499629	44.56	ng	# 94
37) 2-Methylnaphthalene	8.80	142	1119314	47.72	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	505466	38.01	ng	# 98
40) Hexachlorocyclopentadiene	8.94	237	241016	38.61	ng	# 96

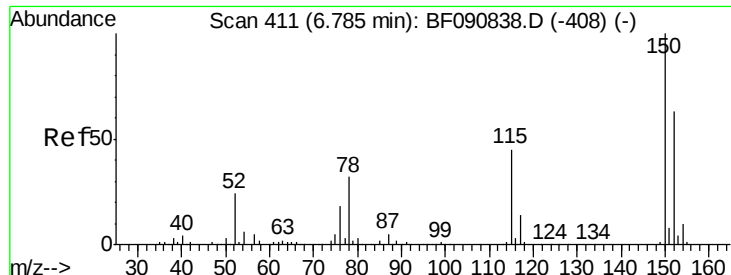
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090838.D
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 Operator : UM/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 13:46:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	330337	40.06	nq	100
43) 2,4,5-Trichlorophenol	9.12	196	380760	45.50	nq	98
45) 1,1'-Biphenyl	9.26	154	1410453	36.47	nq	93
46) 2-Chloronaphthalene	9.29	162	1090962	37.95	nq	96
47) 2-Nitroaniline	9.38	65	296762	31.10	nq	# 75
48) Acenaphthylene	9.70	152	1698108	38.72	nq	95
49) Dimethylphthalate	9.57	163	1277137	41.27	nq	# 98
50) 2,6-Dinitrotoluene	9.63	165	314890	47.32	nq	92
51) Acenaphthene	9.87	154	1109100	38.09	nq	88
52) 3-Nitroaniline	9.80	138	318124	41.59	nq	# 90
53) 2,4-Dinitrophenol	9.90	184	154432	50.23	nq	# 87
54) Dibenzofuran	10.04	168	1455168	41.26	nq	# 88
55) 4-Nitrophenol	9.96	139	200674	45.47	nq	# 65
56) 2,4-Dinitrotoluene	10.03	165	389156	47.85	nq	# 92
57) Fluorene	10.38	166	1218157	41.67	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.16	232	296701	45.18	nq	98
59) Diethylphthalate	10.26	149	1215418	37.87	nq	97
60) 4-Chlorophenyl-phenylether	10.37	204	527251	39.47	nq	# 82
61) 4-Nitroaniline	10.42	138	309204	39.91	nq	# 68
62) Azobenzene	10.53	77	1099999	29.27	nq	85
64) 4,6-Dinitro-2-methylphenol	10.44	198	237420	46.95	nq	# 64
65) n-Nitrosodiphenylamine	10.50	169	979488	38.51	nq	91
66) 4-Bromophenyl-phenylether	10.86	248	344628	44.78	nq	99
67) Hexachlorobenzene	10.93	284	441798	48.64	nq	# 83
68) Atrazine	11.02	200	255626	36.41	nq	86
69) Pentachlorophenol	11.13	266	231652	47.95	nq	98
70) Phenanthrene	11.35	178	1683610	41.60	nq	95
71) Anthracene	11.39	178	1604541	35.75	nq	96
72) Carbazole	11.55	167	1504402	40.09	nq	# 93
73) Di-n-butylphthalate	11.88	149	1864903	38.32	nq	# 97
74) Fluoranthene	12.53	202	1803424	46.07	nq	88
76) Benzidine	12.66	184	620802	39.87	nq	# 95
77) Pyrene	12.53	202	1803399	36.82	nq	96
79) Butylbenzylphthalate	13.38	149	776644	34.49	nq	# 84
80) Benzo(a)anthracene	13.95	228	1443266	37.61	nq	95
81) 3,3'-Dichlorobenzidine	13.92	252	626276	47.09	nq	# 94
82) Chrysene	13.99	228	1465839	39.13	nq	93
83) Bis(2-ethylhexyl)phthalate	13.95	149	1068299	33.16	nq	98
84) Di-n-octyl phthalate	14.56	149	1716269	35.11	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.75	276	1219394	37.31	nq	# 91
87) Benzo(b)fluoranthene	15.00	252	2855919	84.68	nq	# 88
88) Benzo(k)fluoranthene	15.00	252	2859718	84.38	nq	# 89
89) Benzo(a)pyrene	15.32	252	1339985	42.35	nq	# 85
90) Dibenzo(a,h)anthracene	16.76	278	1081004	35.58	nq	# 81
91) Benzo(g,h,i)perylene	17.15	276	993975	33.73	nq	# 81

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

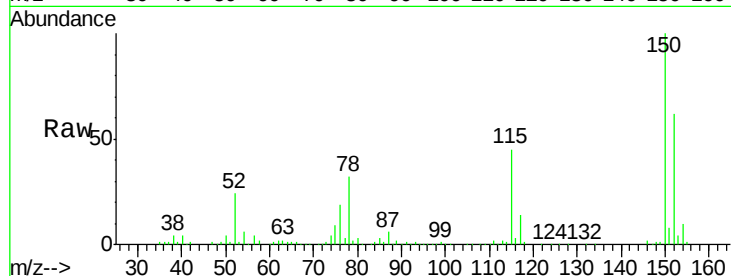


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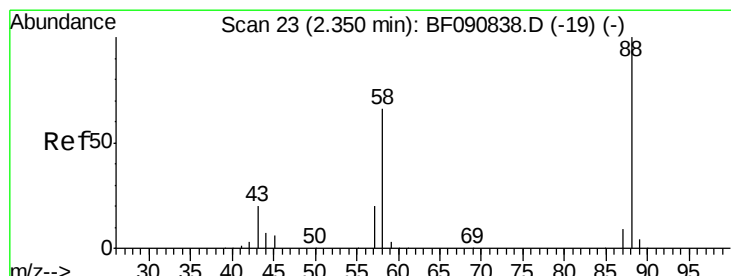
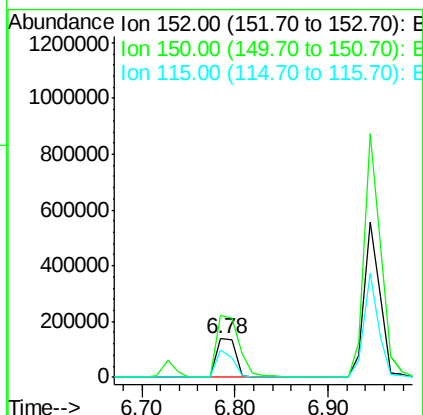
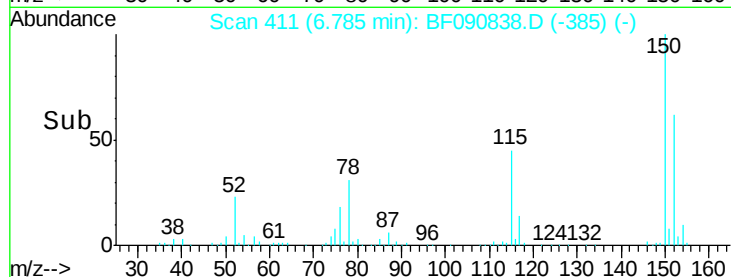
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 201193
Ion Ratio Lower Upper
152 100
150 162.0 124.7 187.1
115 72.3 39.0 58.4#



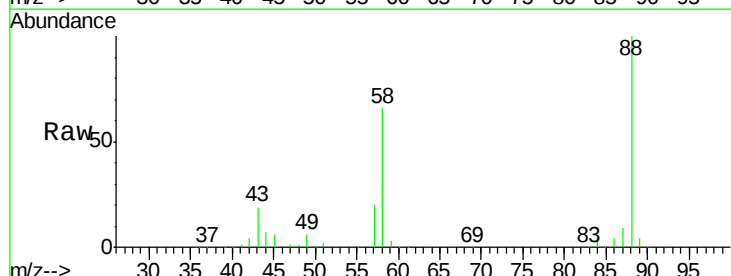
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



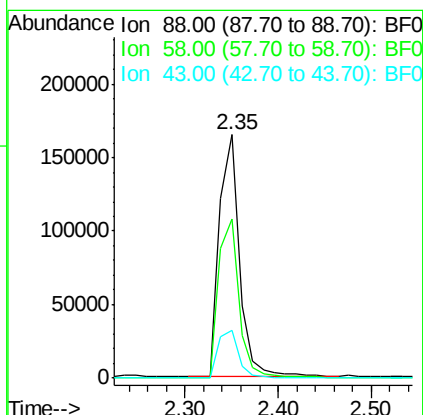
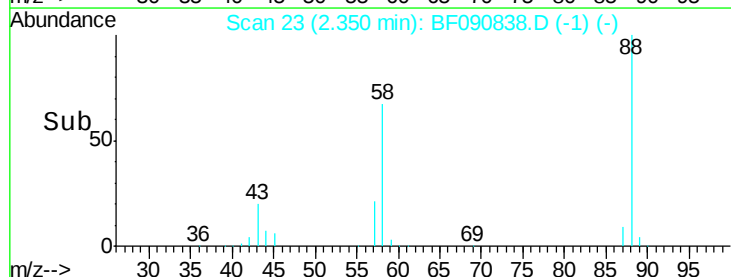
#2

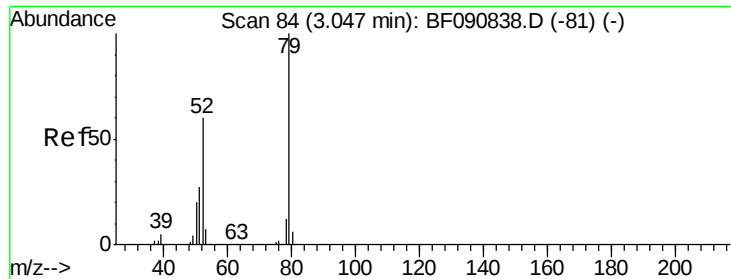
1,4-Dioxane
Concen: 33.70 ng
RT: 2.35 min Scan# 23
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion: 88 Resp: 243298
Ion Ratio Lower Upper
88 100
58 69.5 77.7 116.5#
43 20.9 26.6 40.0#



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

Pvridine

Concen: 40.23 ng

RT: 3.05 min Scan# 84

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

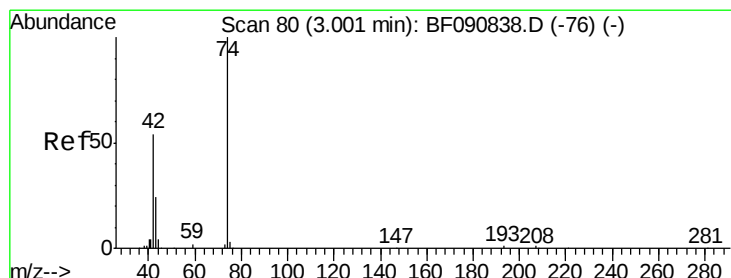
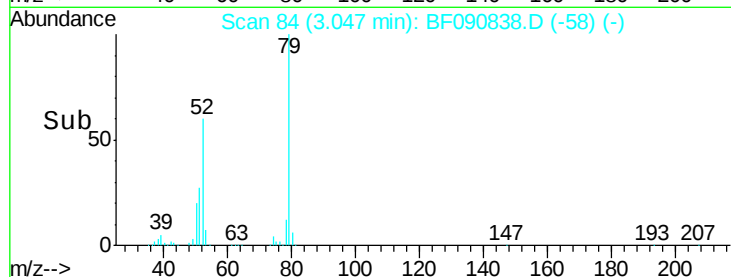
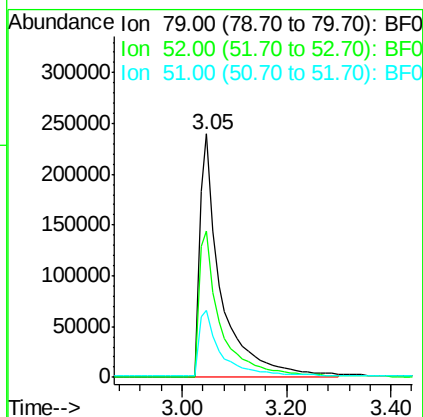
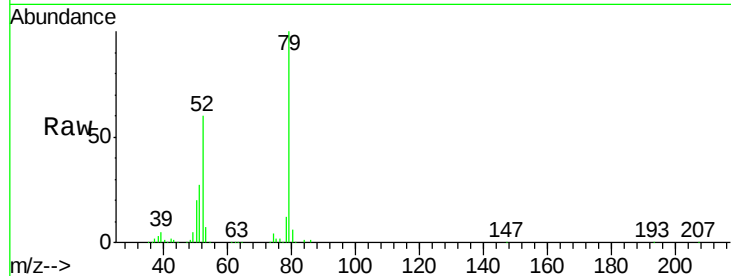
Tot Ion: 79 Resp: 680443

Ion Ratio Lower Upper

79 100

52 60.3 76.8 115.2#

51 27.5 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 30.55 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

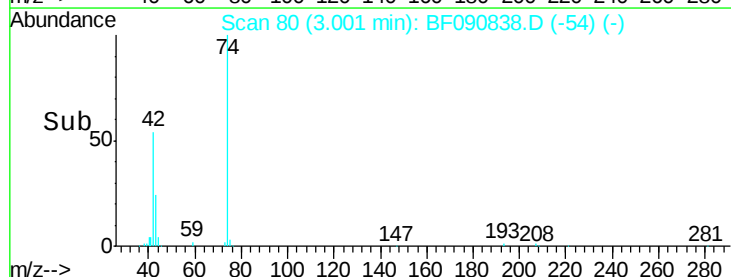
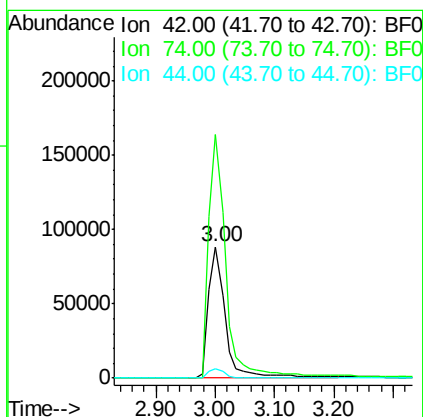
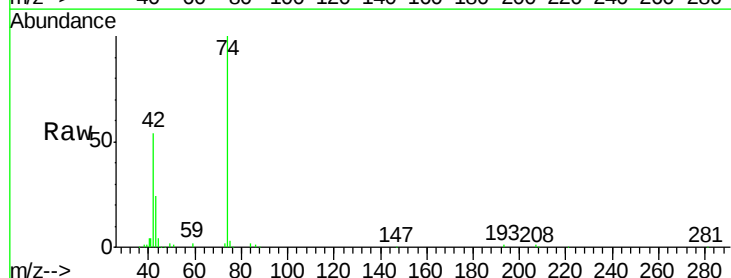
Tgt Ion: 42 Resp: 176811

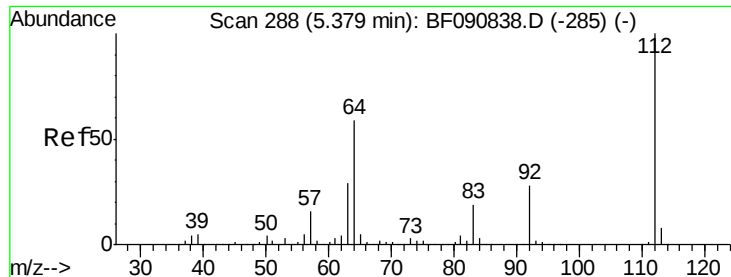
Ion Ratio Lower Upper

42 100

74 185.2 105.0 157.6#

44 7.1 6.6 10.0





#5

2-Fluorophenol

Concen: 73.48 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampled :

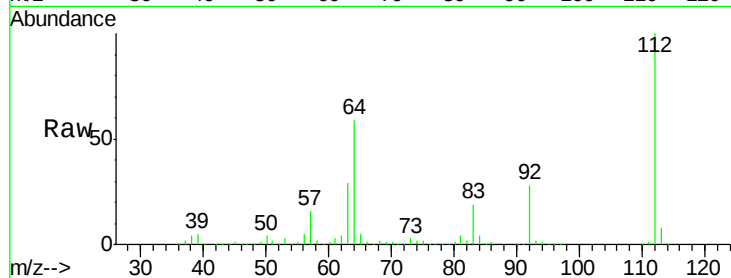
Tot Ion:112 Resp: 916729

Ion Ratio Lower Upper

112 100

64 59.4 39.7 59.5

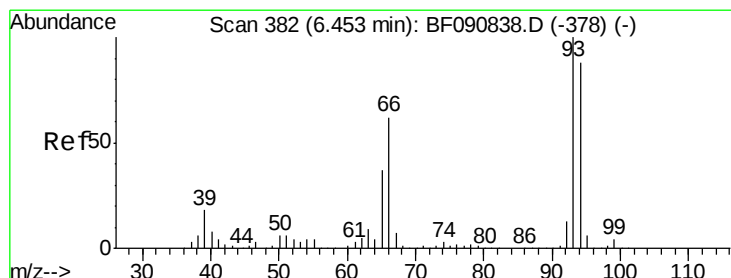
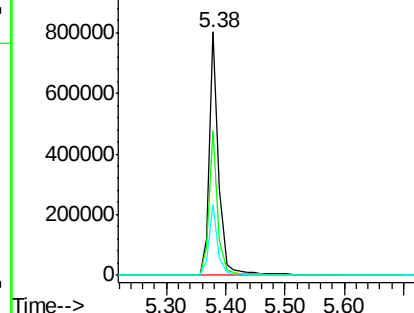
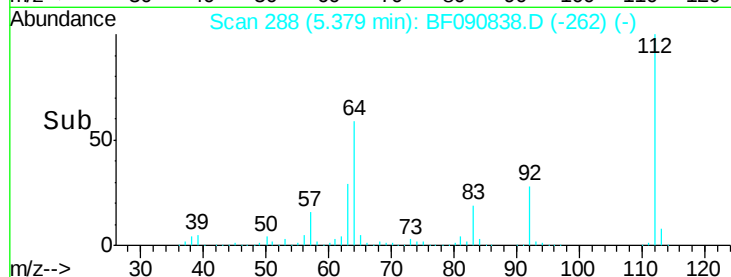
63 29.0 17.4 26.0#



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: 39.22 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

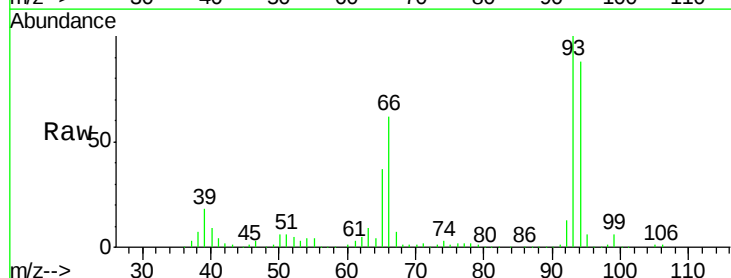
Tgt Ion: 93 Resp: 751461

Ion Ratio Lower Upper

93 100

66 61.9 27.2 40.8#

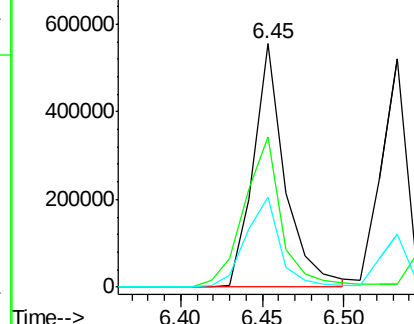
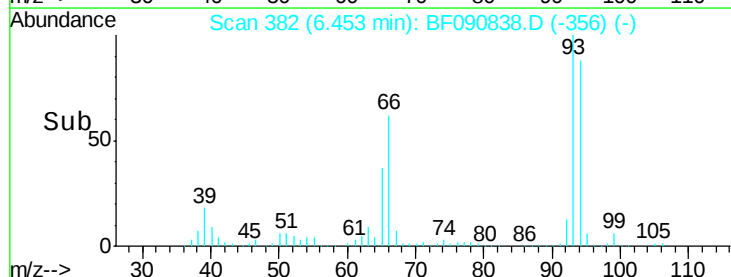
65 37.0 14.7 22.1#

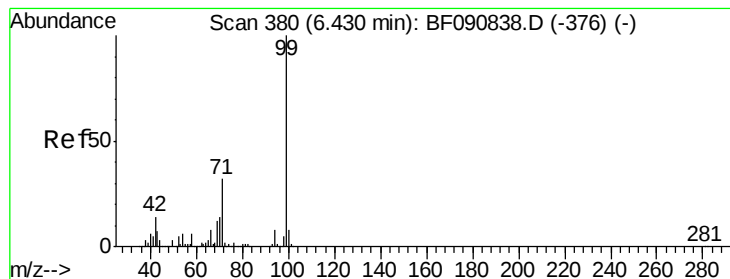


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.00 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampled :

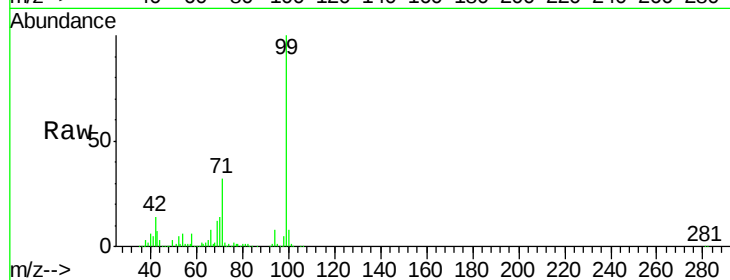
Tot Ion: 99 Resp: 1301087

Ion Ratio Lower Upper

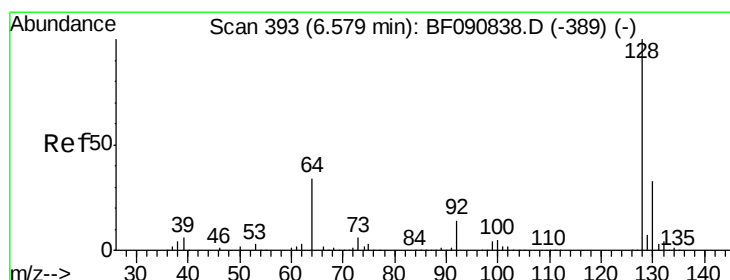
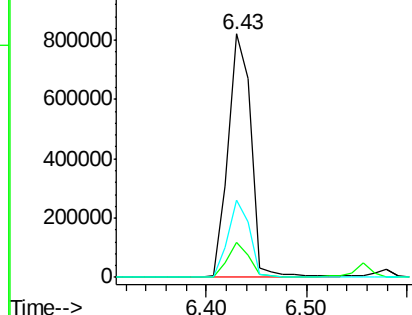
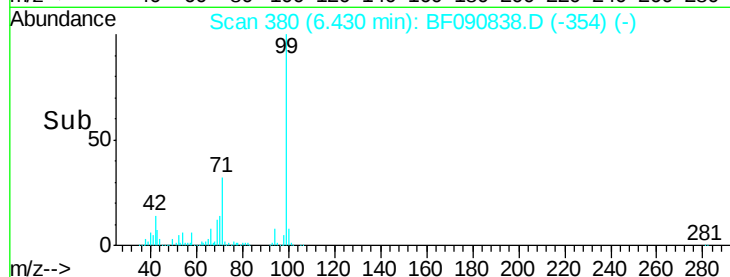
99 100

42 14.4 13.7 20.5

71 31.5 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.00 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

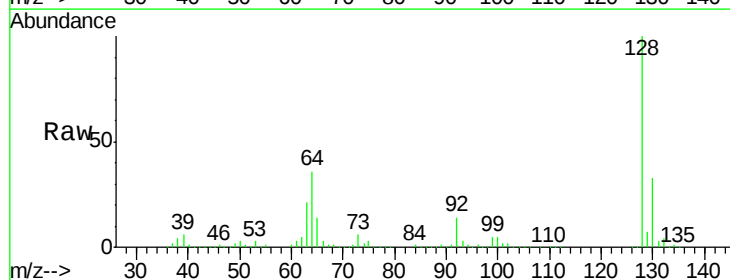
Tgt Ion:128 Resp: 613954

Ion Ratio Lower Upper

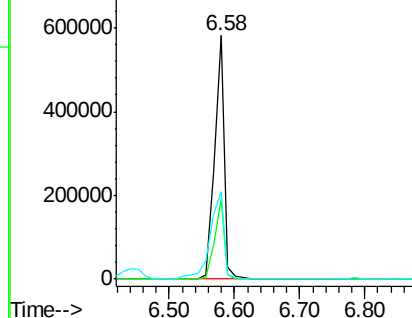
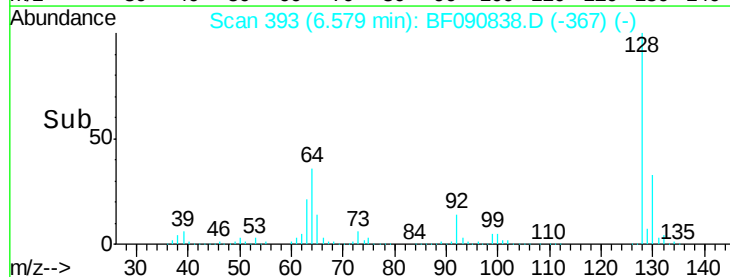
128 100

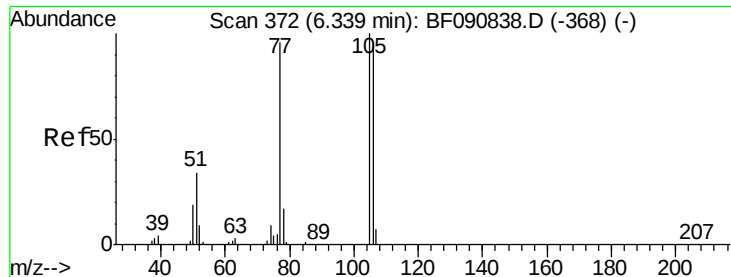
130 33.0 12.2 52.2

64 36.0 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.73 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampled :

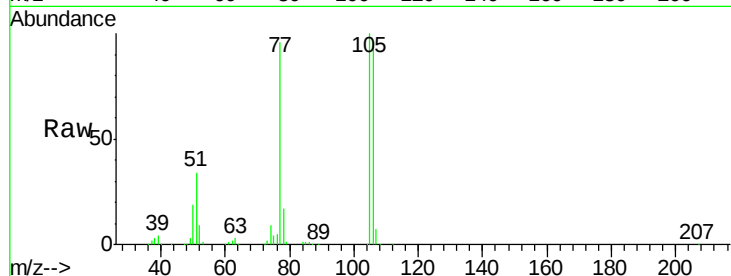
Tot Ion: 77 Resp: 320881

Ion Ratio Lower Upper

77 100

105 104.4 91.6 131.6

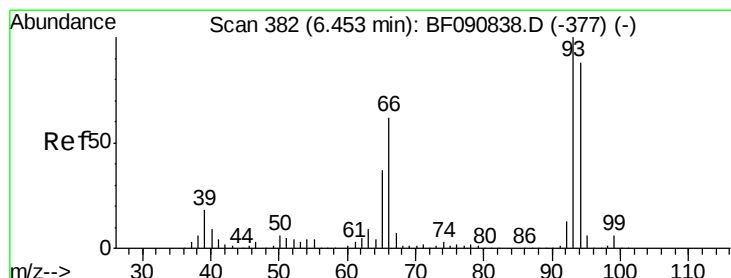
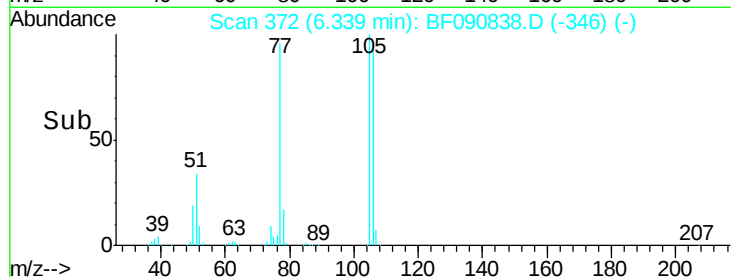
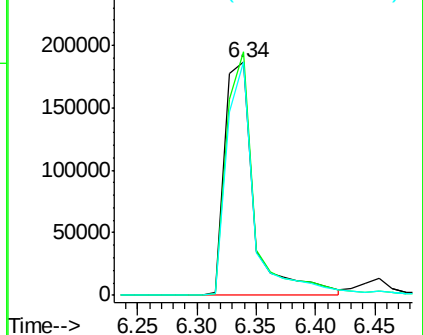
106 100.1 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.56 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

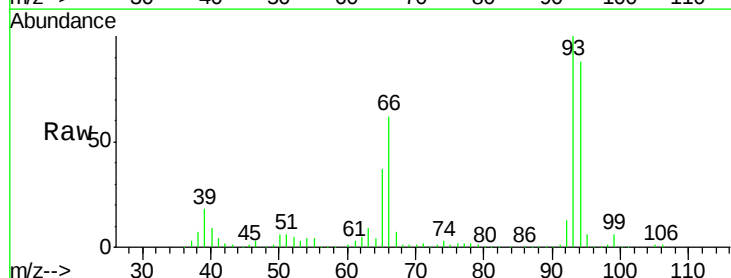
Tgt Ion: 94 Resp: 675453

Ion Ratio Lower Upper

94 100

65 41.9 0.7 40.7#

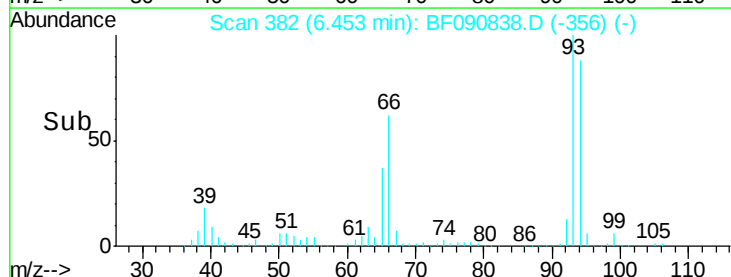
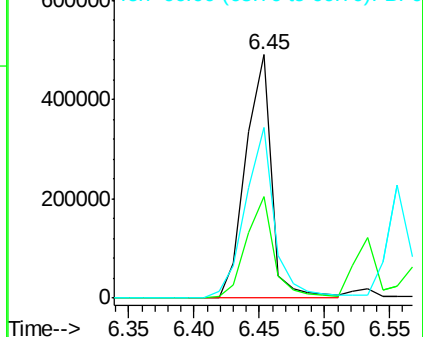
66 70.1 0.8 40.8#

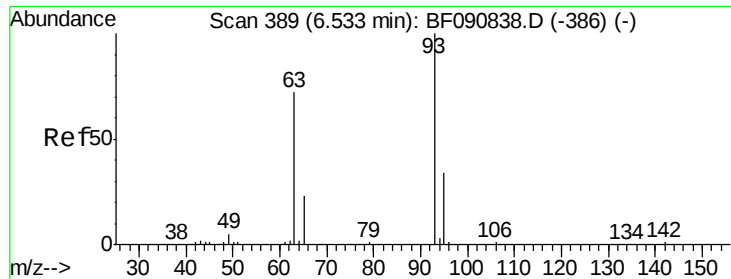


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

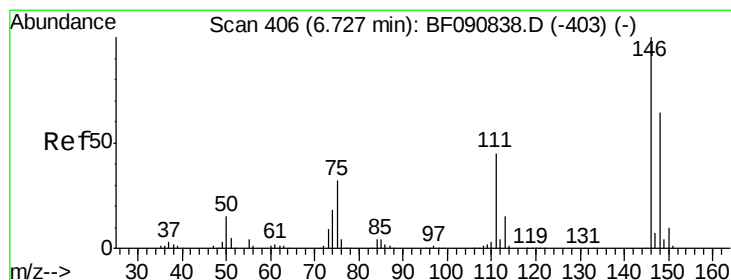
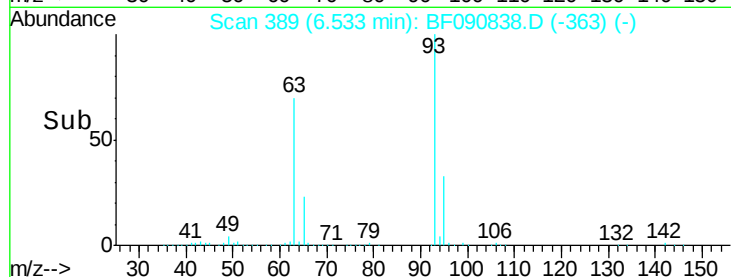
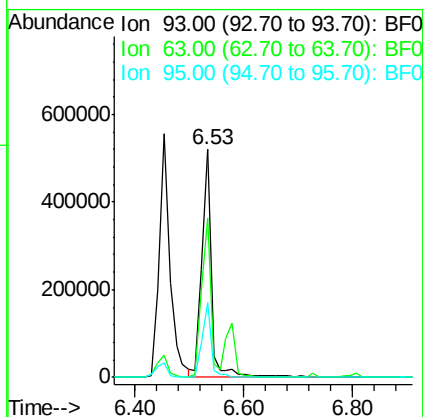
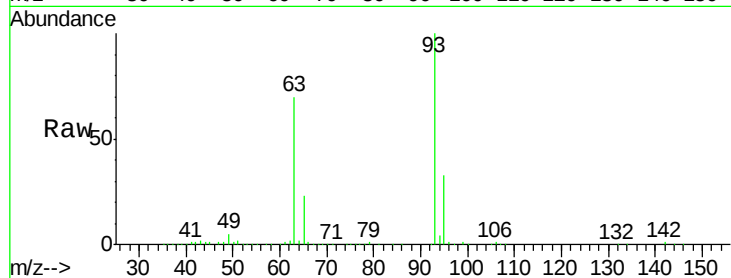




#11
bis(2-Chloroethyl)ether
Concen: 39.19 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

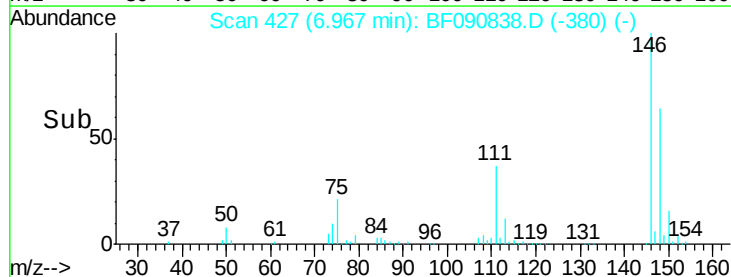
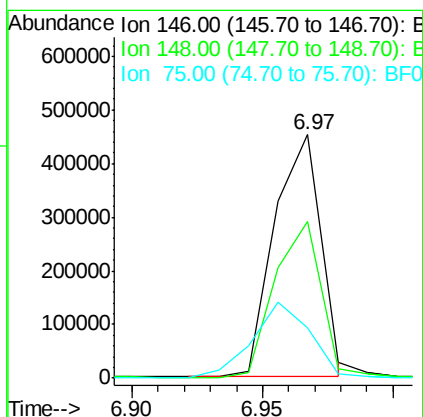
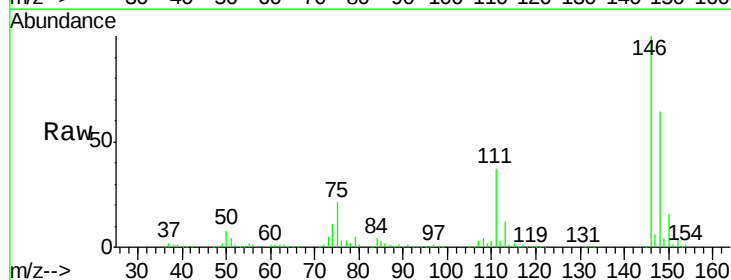
Instrument :
BNA_F
ClientSampleId :

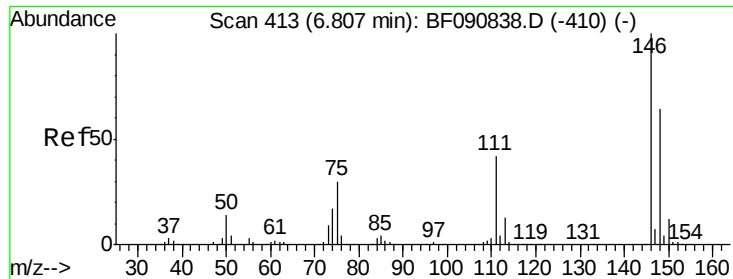
Tot Ion: 93 Resp: 625482
Ion Ratio Lower Upper
93 100
63 69.8 65.6 105.6
95 32.9 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 37.30 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.24 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion: 146 Resp: 561059
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
75 20.8 15.0 22.6

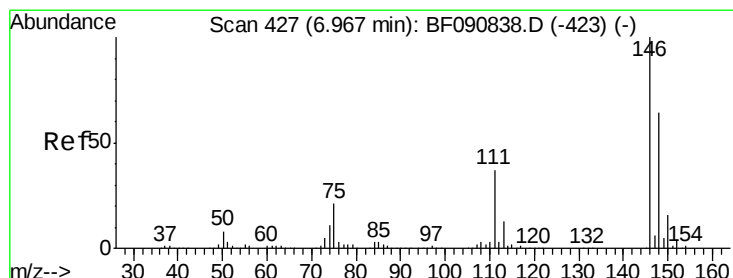
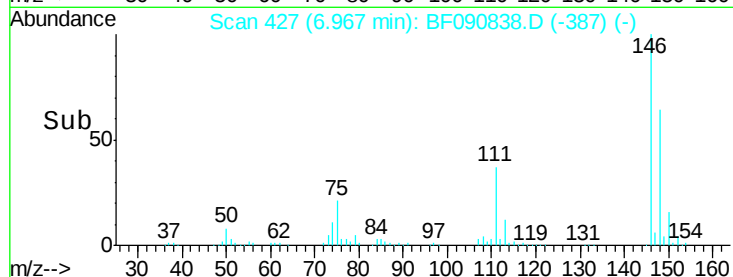
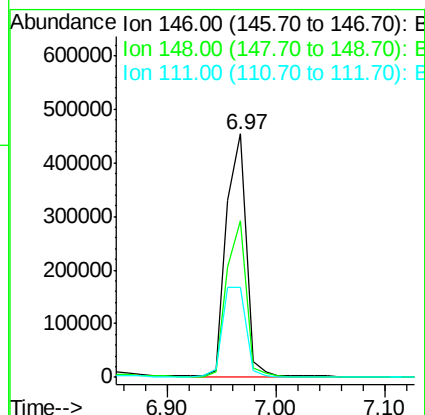
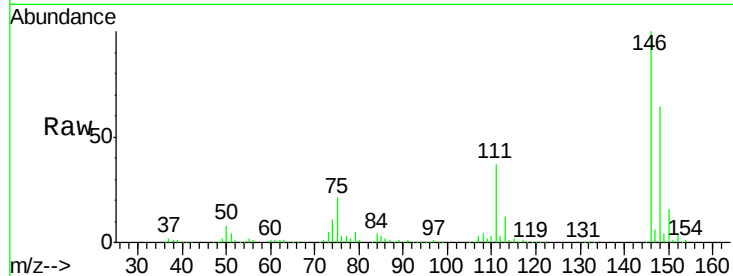




#13
 1,4-Dichlorobenzene
 Concen: 36.00 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.16 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

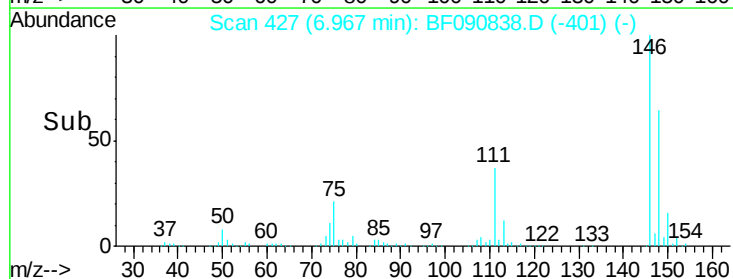
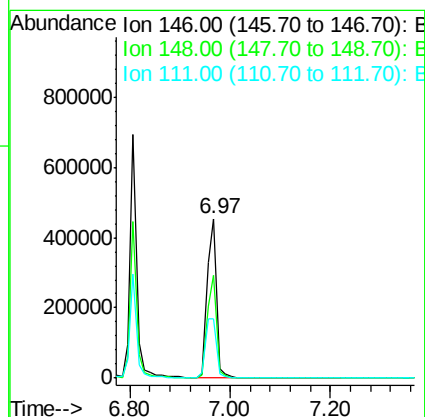
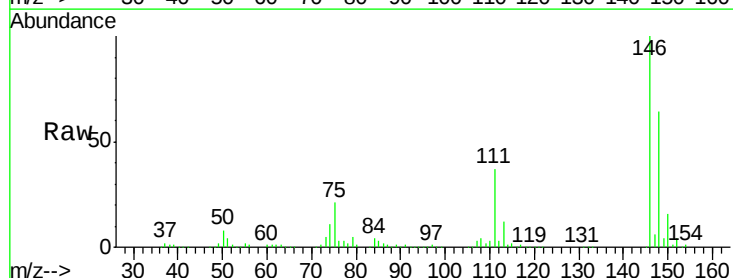
Instrument :
 BNA_F
 ClientSampled :

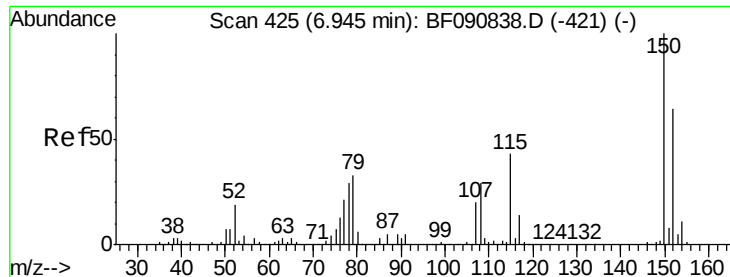
Tot Ion:146 Resp: 574431
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.6
 111 37.1 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 37.64 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion:146 Resp: 587890
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.7 79.1
 111 37.1 28.8 43.2

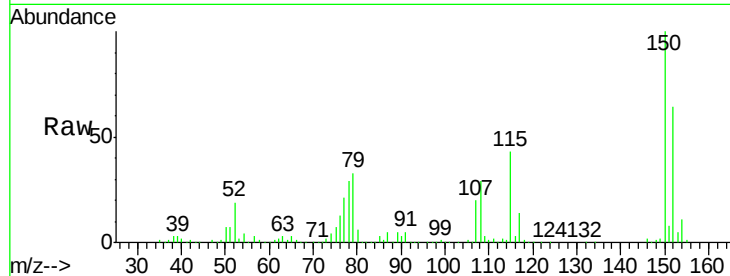




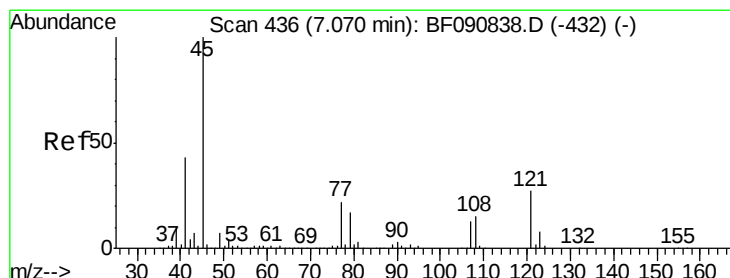
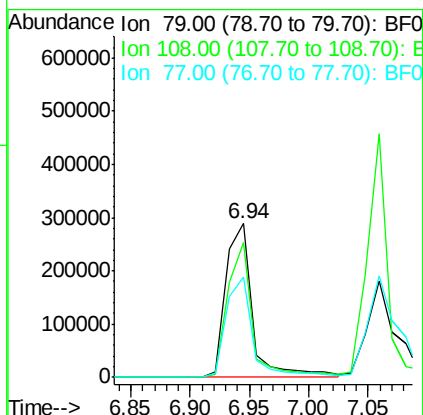
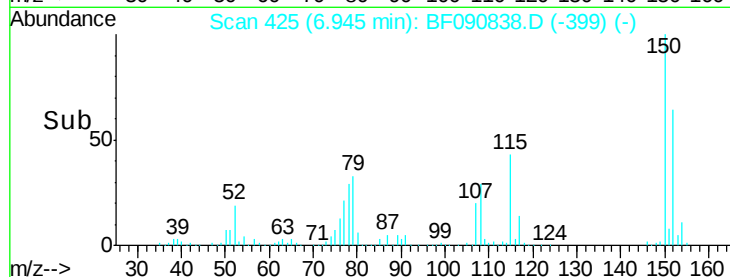
#15
Benzyl Alcohol
Concen: 39.21 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 450017
Ion Ratio Lower Upper
79 100
108 87.8 88.6 132.8#
77 64.8 47.0 70.4

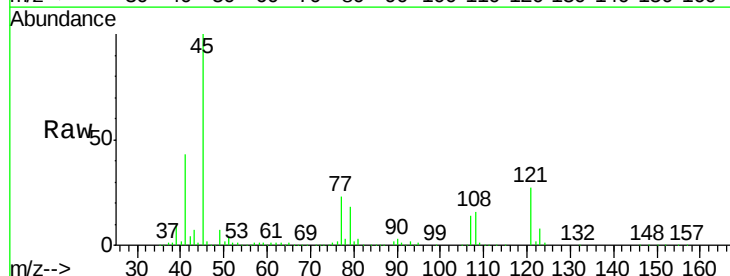


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

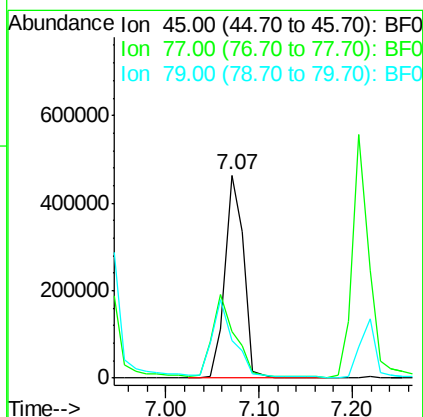
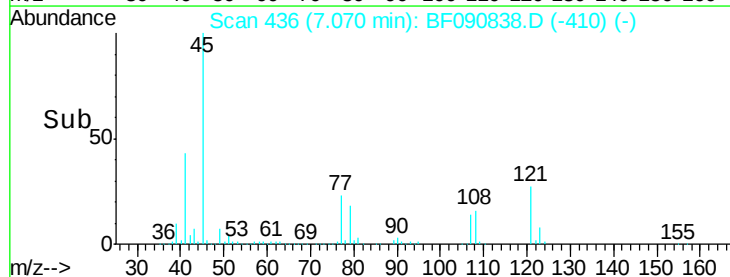


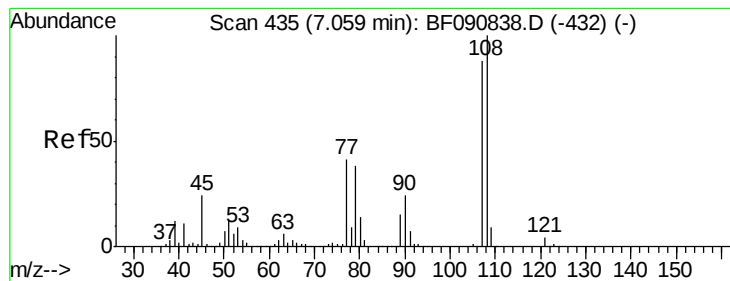
#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.14 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion: 45 Resp: 648735
Ion Ratio Lower Upper
45 100
77 22.9 0.0 28.1
79 18.5 0.0 26.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.61 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF090838.D

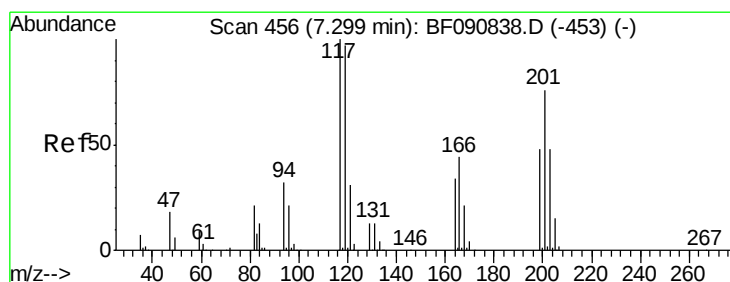
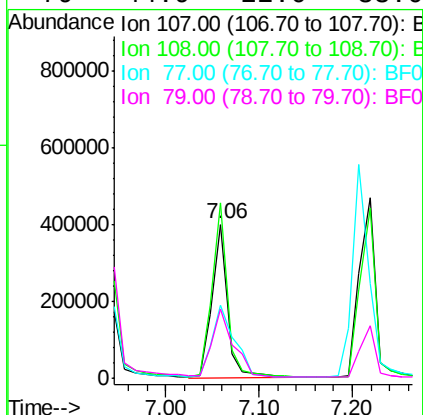
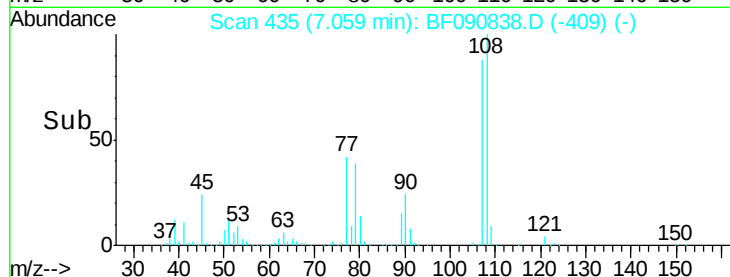
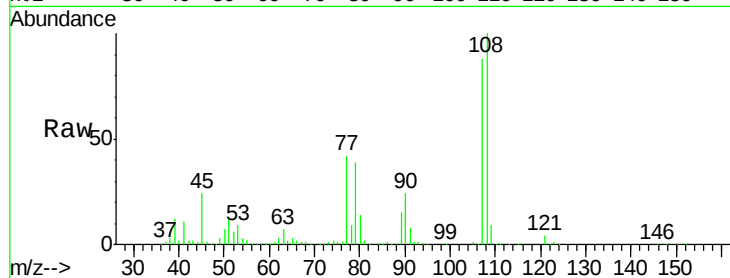
Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	469510
Ion	Ratio	Lower	Upper
107	100		
108	114.0	96.6	145.0
77	47.7	23.3	34.9#
79	44.9	22.0	33.0#



#18

Hexachloroethane

Concen: 34.20 ng

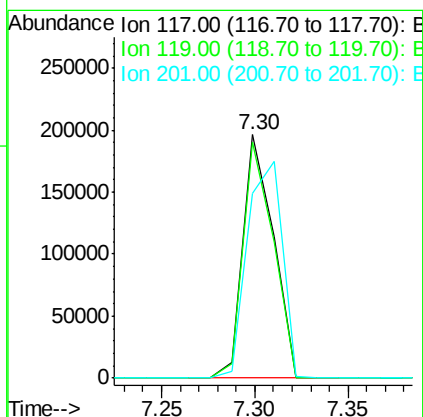
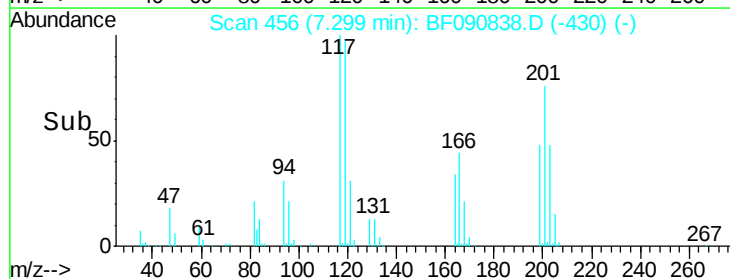
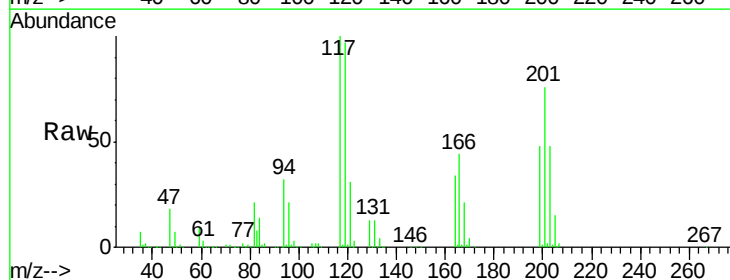
RT: 7.30 min Scan# 456

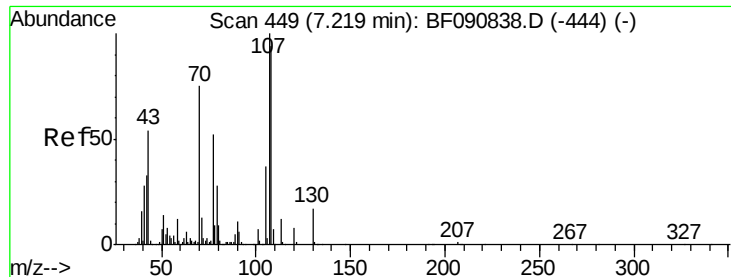
Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Tgt Ion:	117	Resp:	221493
Ion	Ratio	Lower	Upper
117	100		
119	96.8	83.8	125.6
201	76.0	55.1	82.7

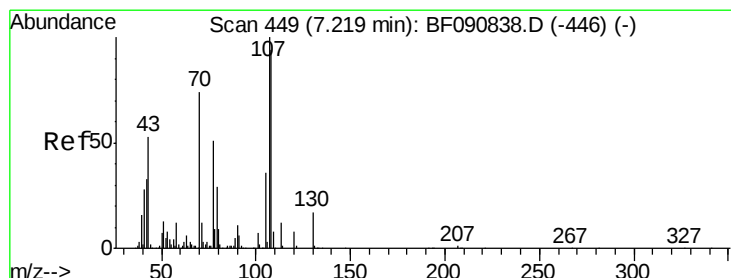
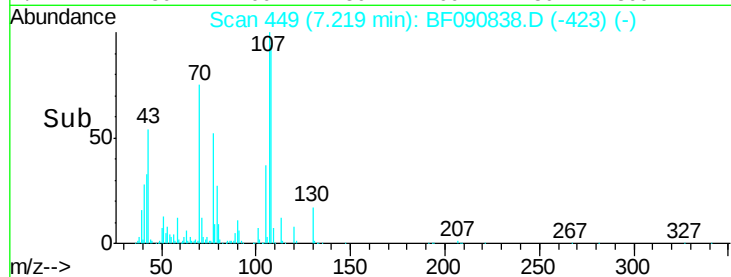
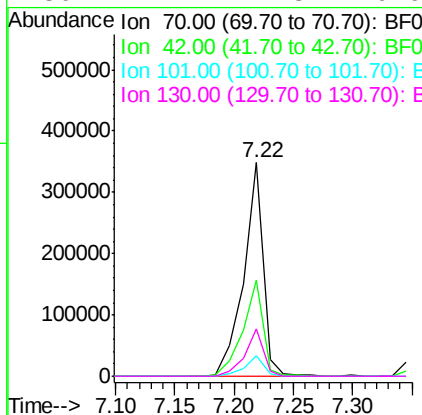
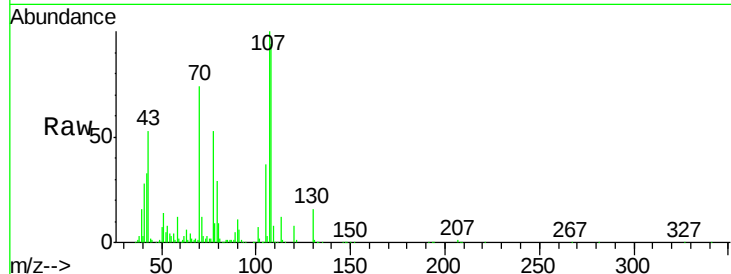




#19
n-Nitroso-di-n-propylamine
Concen: 32.11 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

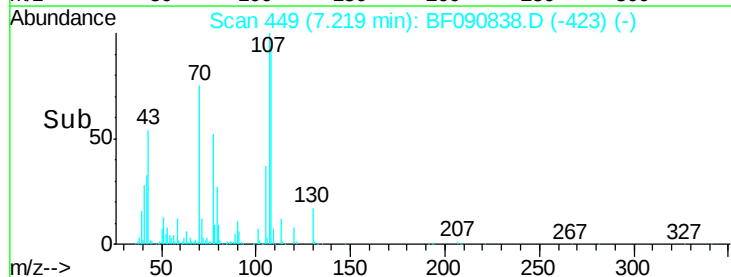
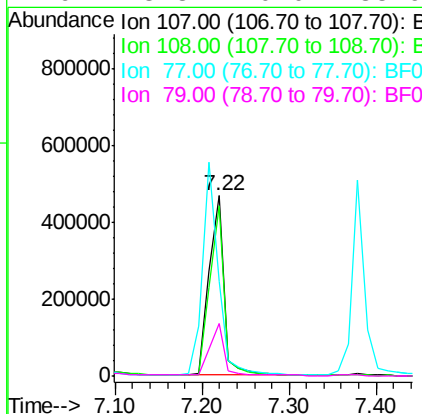
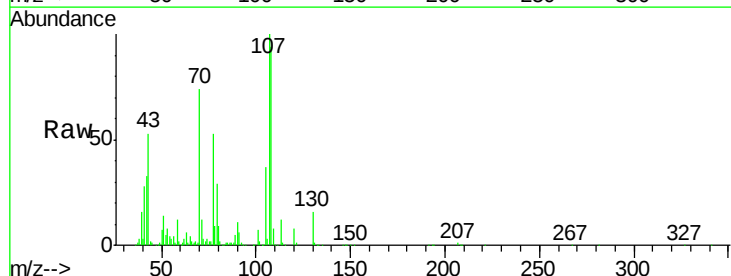
Instrument :
BNA_F
ClientSampled :

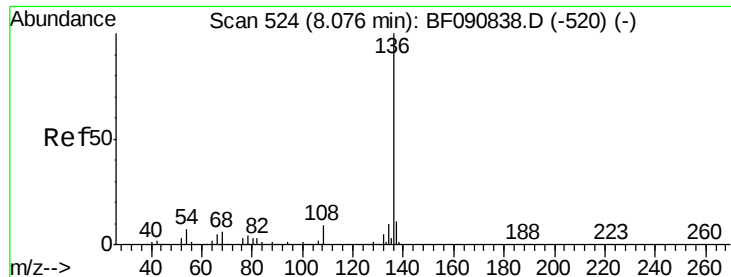
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.8	63.8	95.6#
101	9.8	9.2	13.8
130	22.2	27.3	40.9#



#20
3+4-Methylphenols
Concen: 42.48 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.5	74.6	114.6
77	52.6	0.7	40.7#
79	28.8	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

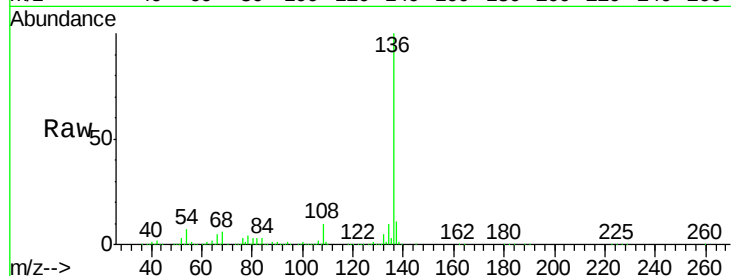
Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	820425
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.0 13.6
54	6.9	8.2 12.2#
68	6.5	5.8 8.6



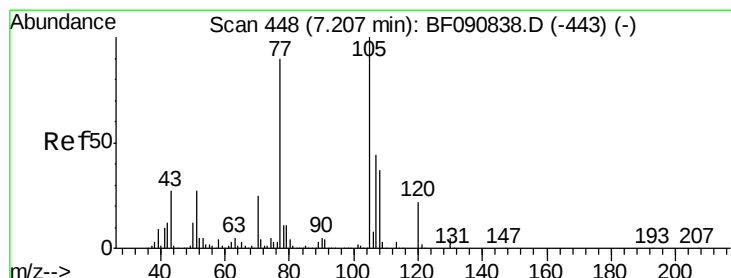
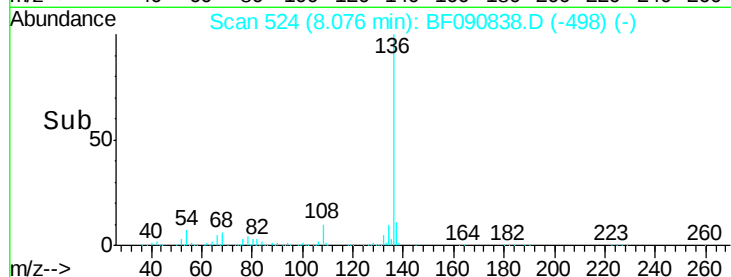
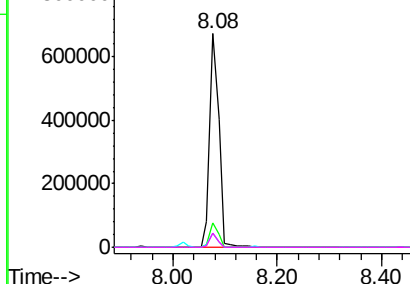
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.12 ng

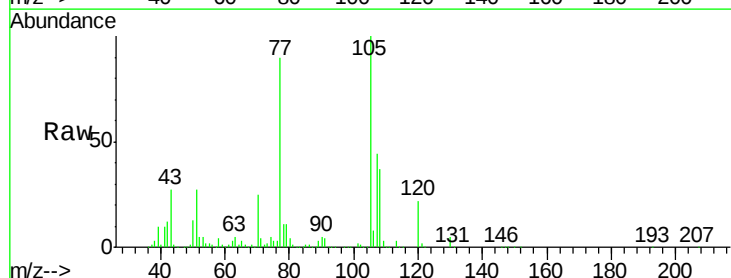
RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Tgt Ion:105	Resp:	715332
Ion Ratio	Lower	Upper
105	100	
71	4.3	4.7 7.1#
51	27.4	22.0 33.0
120	21.6	30.1 45.1#



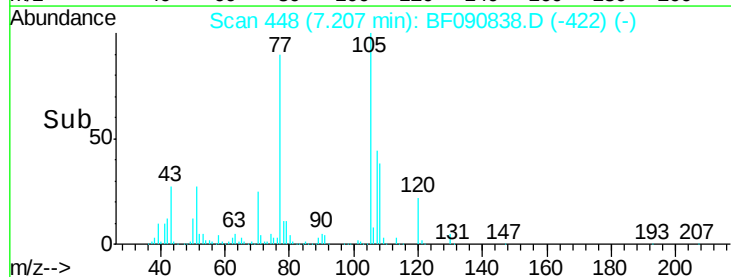
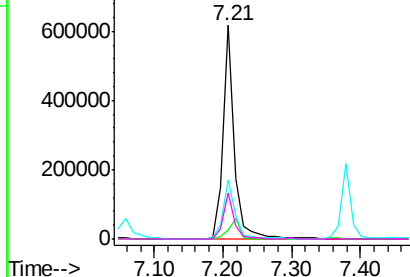
Abundance

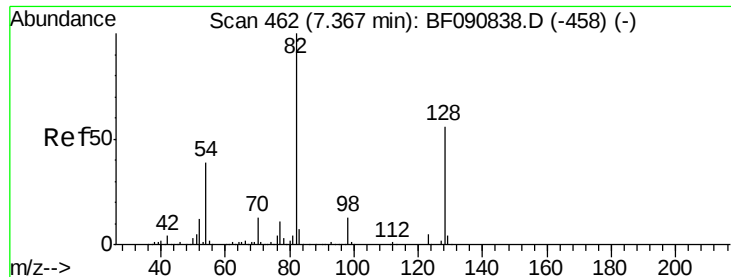
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

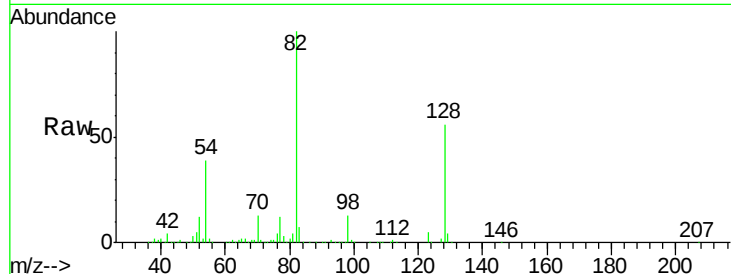




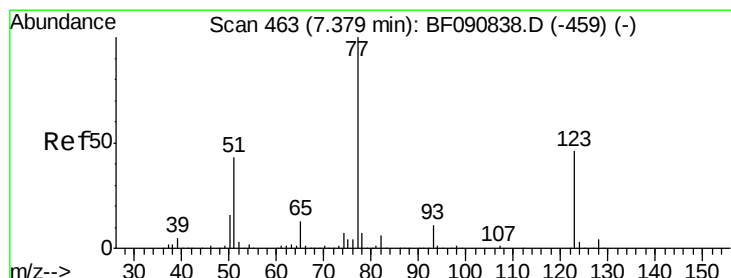
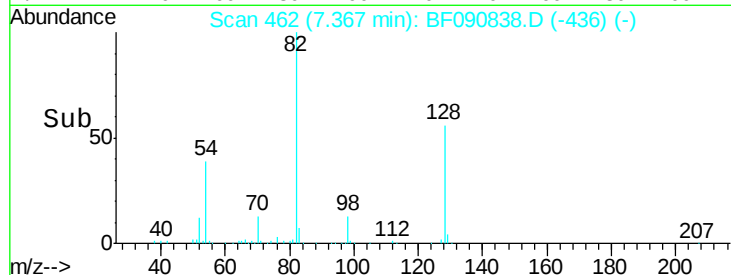
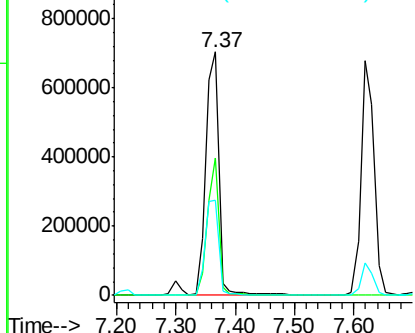
#23
 Nitrobenzene-d5
 Concen: 73.55 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1100251
 Ion Ratio Lower Upper
 82 100
 128 56.2 51.0 76.6
 54 39.2 47.5 71.3#

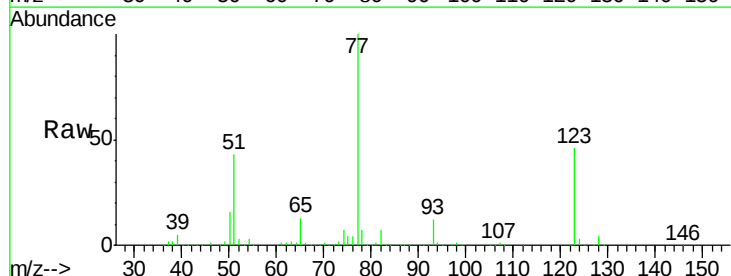


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

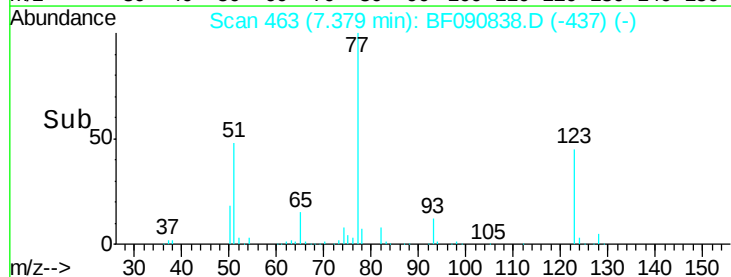
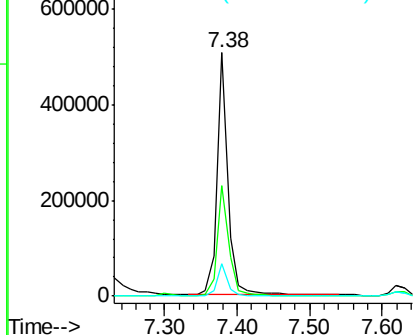


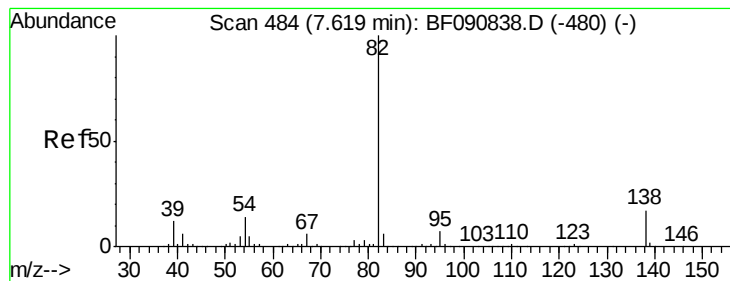
#24
 Nitrobenzene
 Concen: 32.42 ng
 RT: 7.38 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion: 77 Resp: 525803
 Ion Ratio Lower Upper
 77 100
 123 45.5 59.8 89.8#
 65 13.4 10.2 15.4



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





#25

Isophorone

Concen: 36.00 ng

RT: 7.62 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

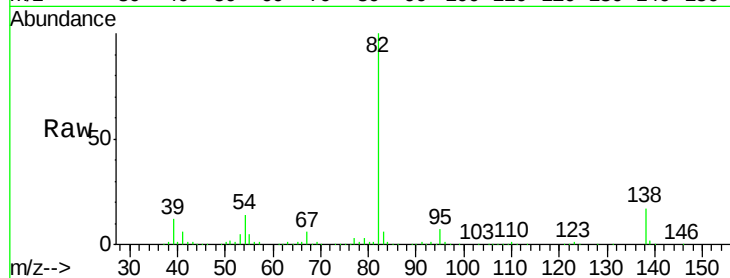
Tot Ion: 82 Resp: 1019436

Ion Ratio Lower Upper

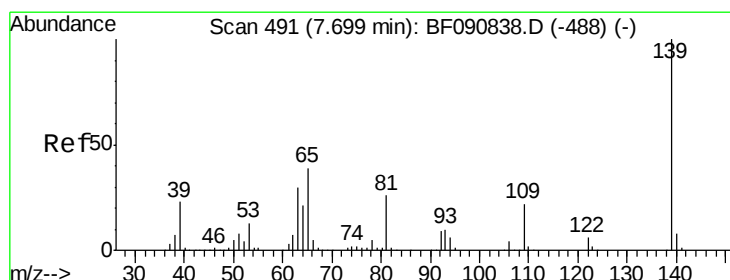
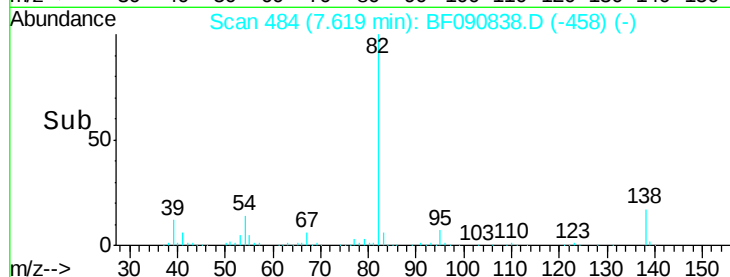
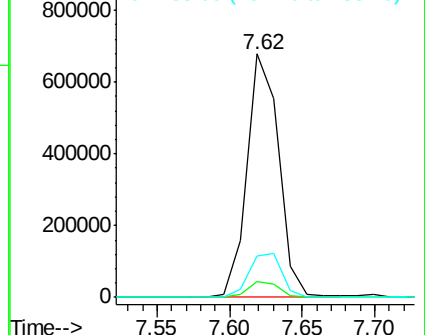
82 100

95 6.6 4.0 6.0#

138 16.9 18.3 27.5#



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



#26

2-Nitrophenol

Concen: 53.16 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

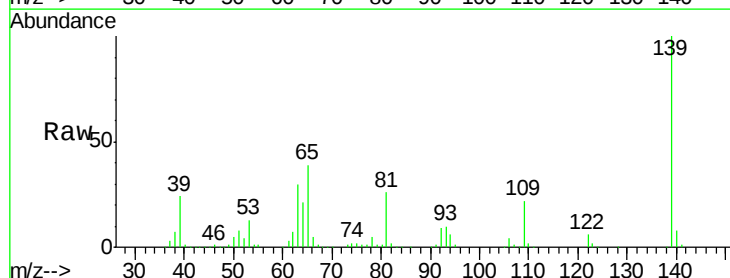
Tgt Ion: 139 Resp: 352200

Ion Ratio Lower Upper

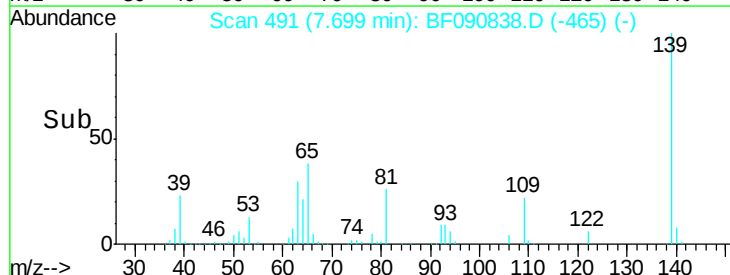
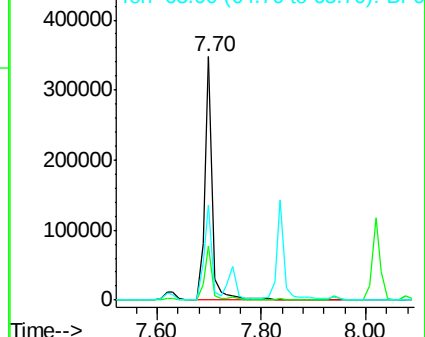
139 100

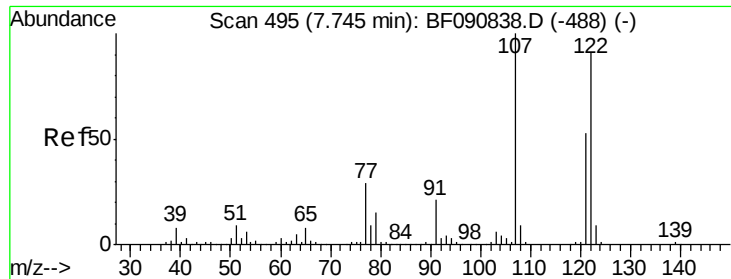
109 22.4 11.0 16.4#

65 38.8 24.7 37.1#



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





#27

2,4-Dimethylphenol

Concen: 46.05 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

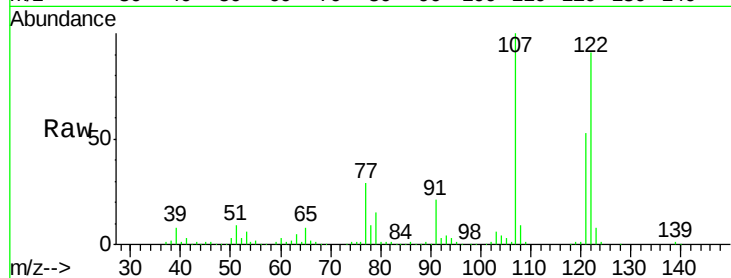
Tot Ion:122 Resp: 540936

Ion Ratio Lower Upper

122 100

107 109.6 71.8 107.6#

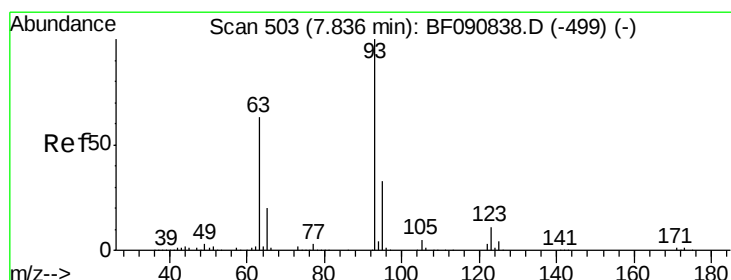
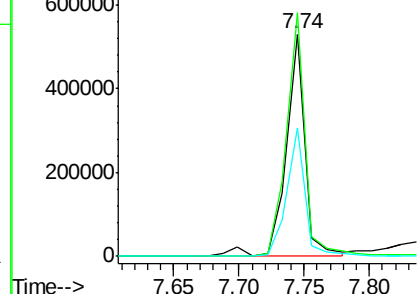
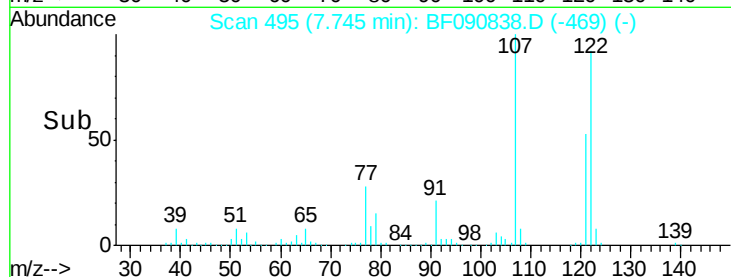
121 58.0 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.33 ng

RT: 7.84 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

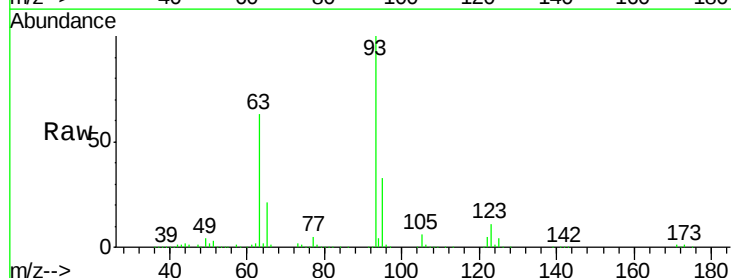
Tgt Ion: 93 Resp: 655742

Ion Ratio Lower Upper

93 100

95 32.5 27.5 41.3

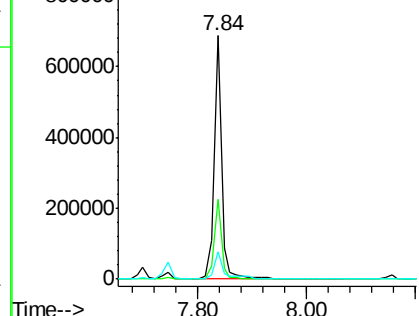
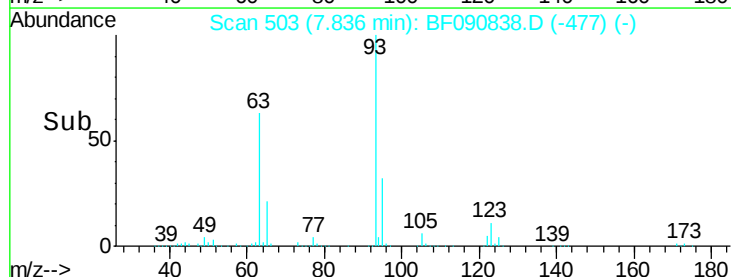
123 11.3 13.7 20.5#

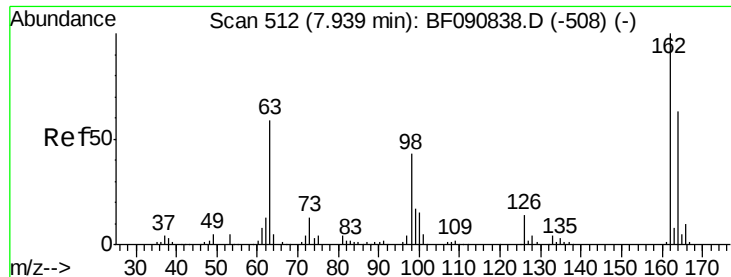


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

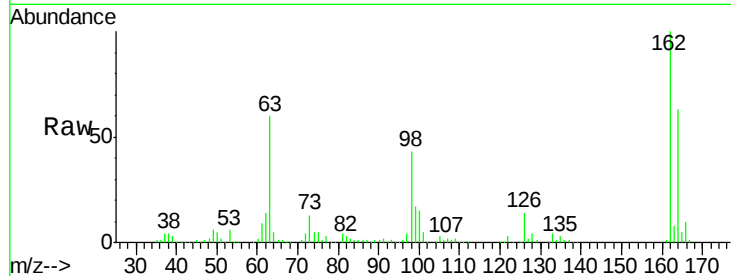




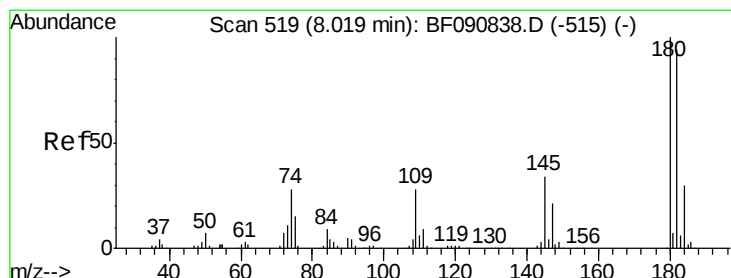
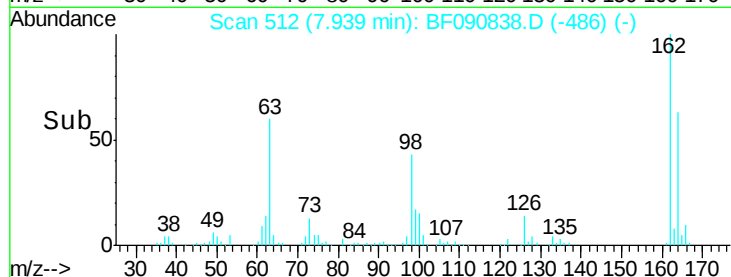
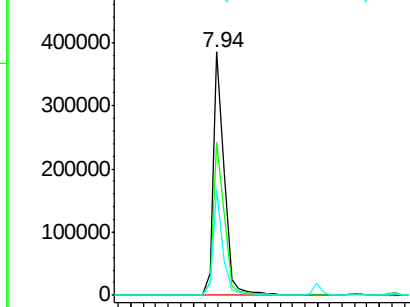
#29
 2,4-Dichlorophenol
 Concen: 48.16 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 464245
 Ion Ratio Lower Upper
 162 100
 164 63.0 44.9 84.9
 98 43.2 13.0 53.0

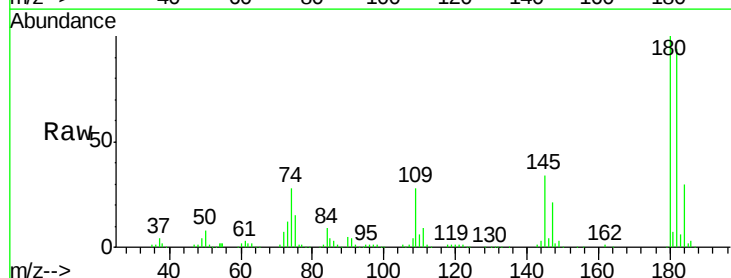


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

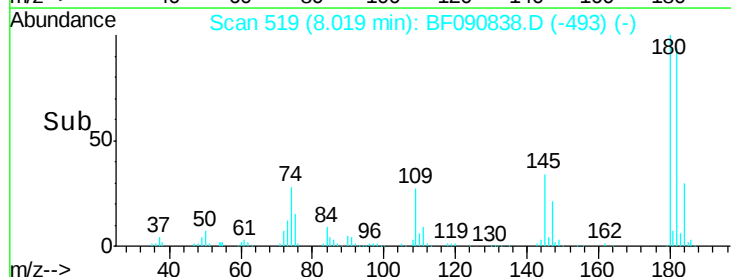
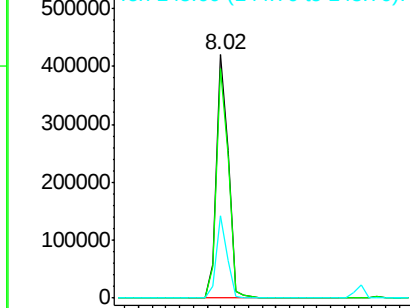


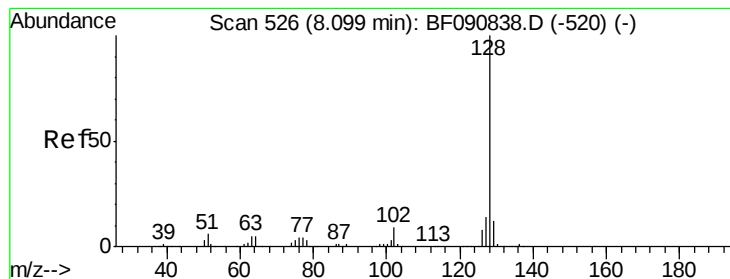
#30
 1,2,4-Trichlorobenzene
 Concen: 46.01 ng
 RT: 8.02 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion:180 Resp: 521952
 Ion Ratio Lower Upper
 180 100
 182 94.1 77.1 115.7
 145 33.9 23.3 34.9



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





#31

Naphthalene

Concen: 36.33 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

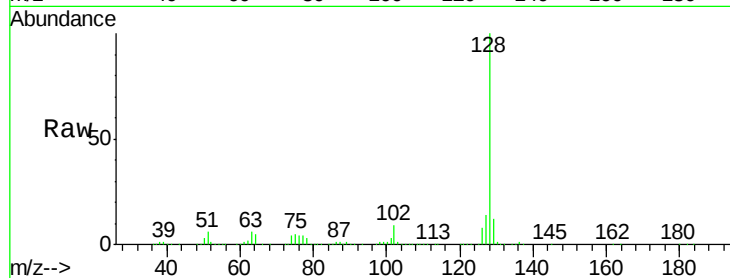
Tot Ion:128 Resp: 1457852

Ion Ratio Lower Upper

128 100

129 12.0 8.4 12.6

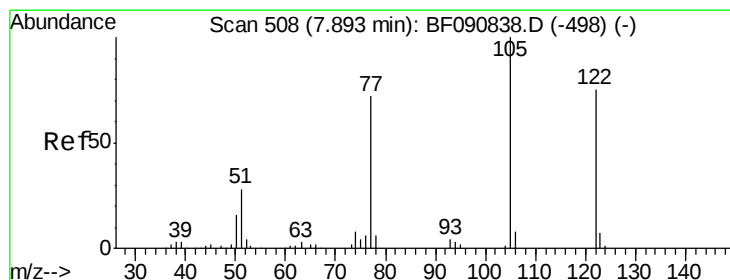
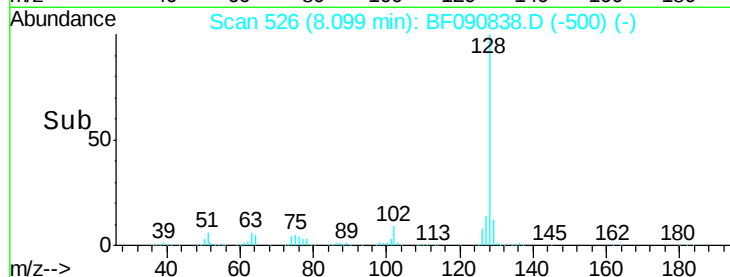
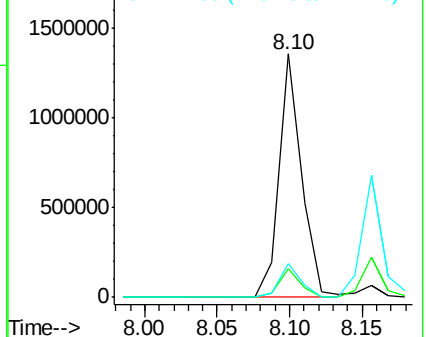
127 13.6 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.37 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

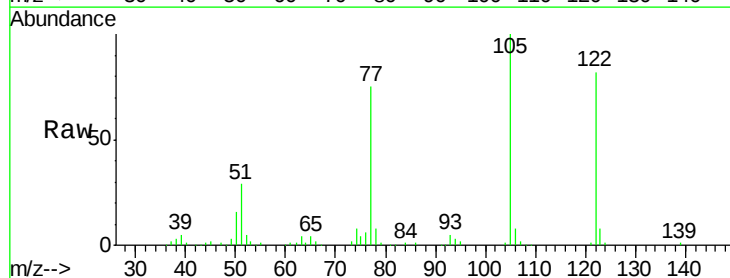
Tgt Ion:122 Resp: 361781

Ion Ratio Lower Upper

122 100

105 121.8 76.1 116.1#

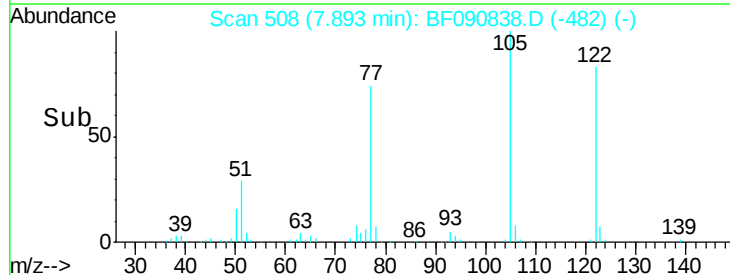
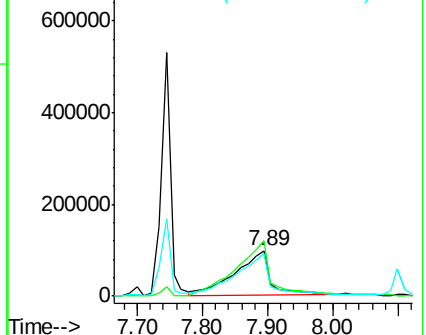
77 91.9 40.5 80.5#

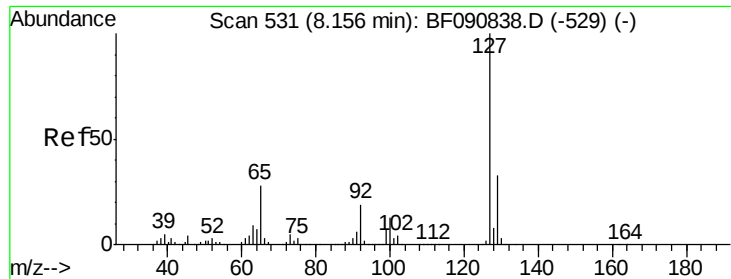


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

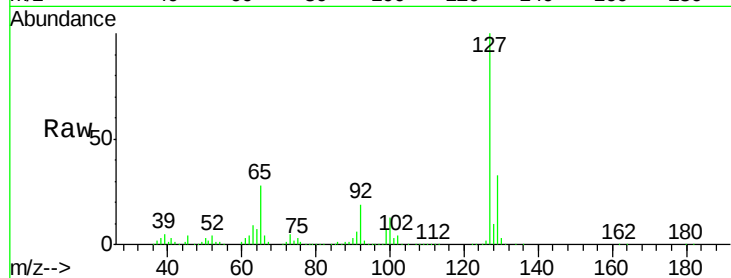




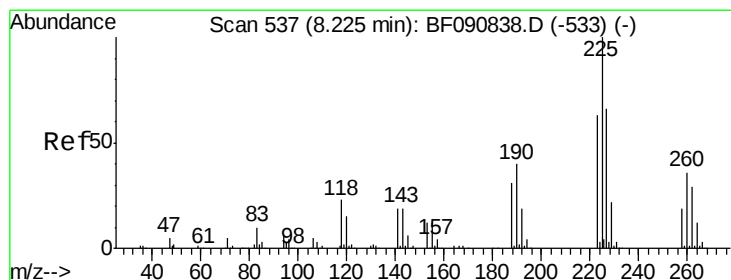
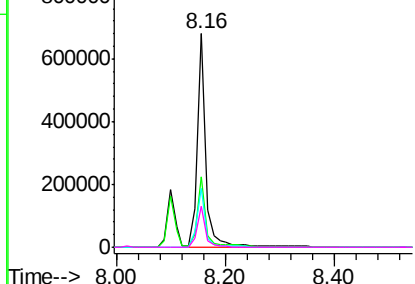
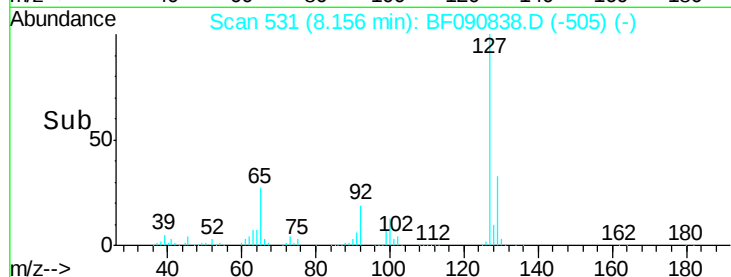
#33
4-Chloroaniline
Concen: 48.26 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	718300
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.8	38.6
65	27.7	17.9	26.9#
92	19.2	10.5	15.7#

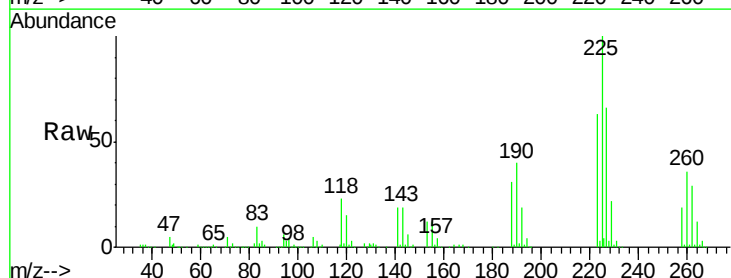


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

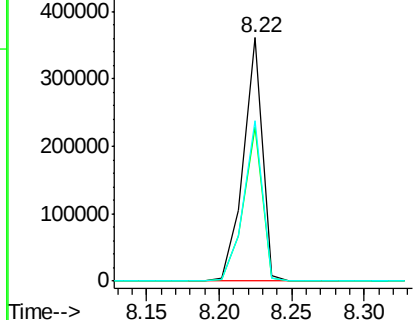
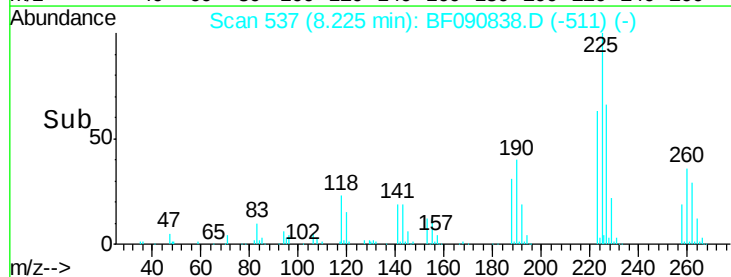


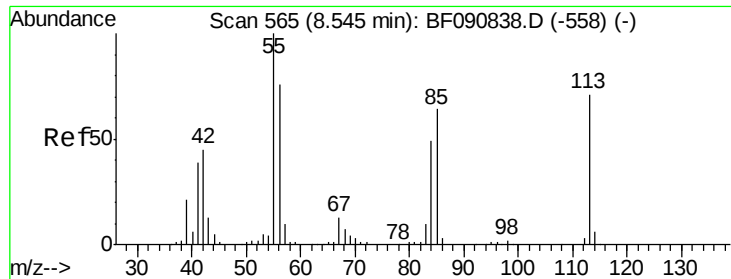
#34
Hexachlorobutadiene
Concen: 51.43 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion:	225	Resp:	328106
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.2
227	65.9	52.2	78.2



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

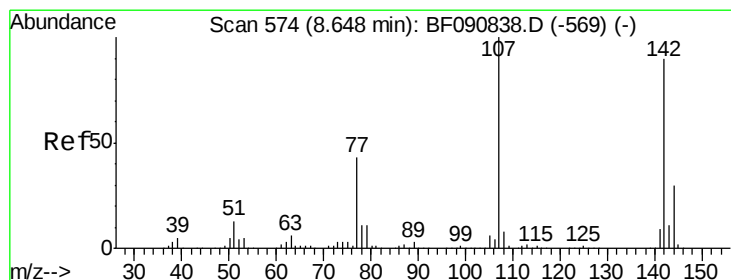
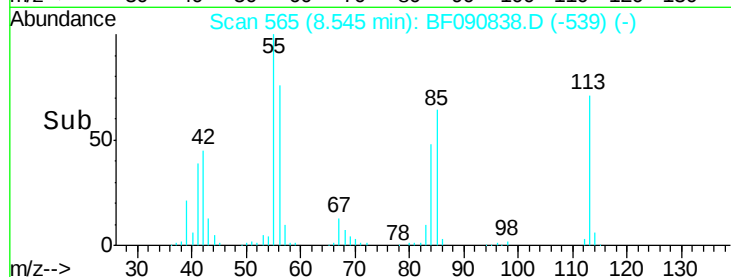
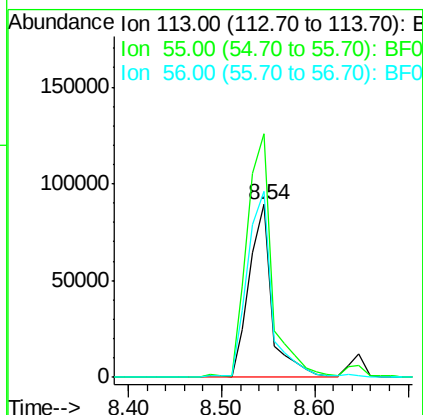
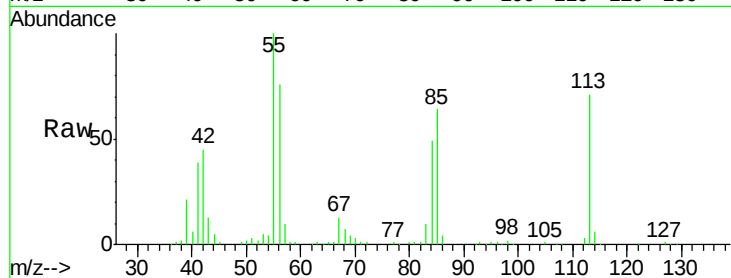




#35
Caprolactam
Concen: 55.75 ng
RT: 8.54 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

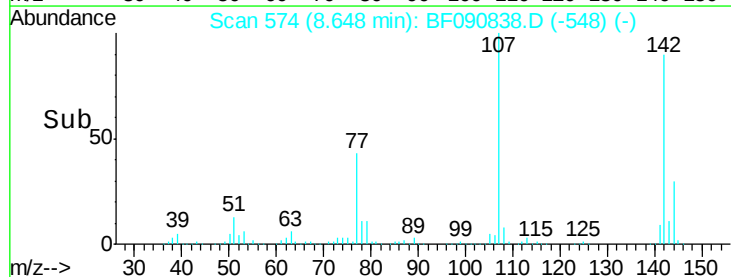
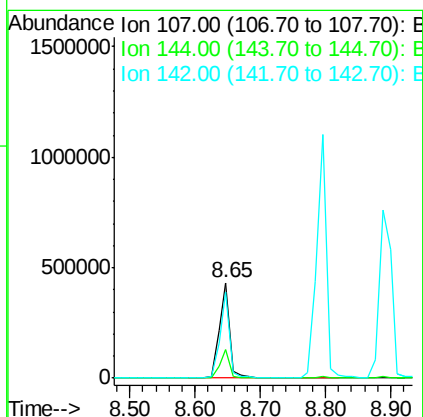
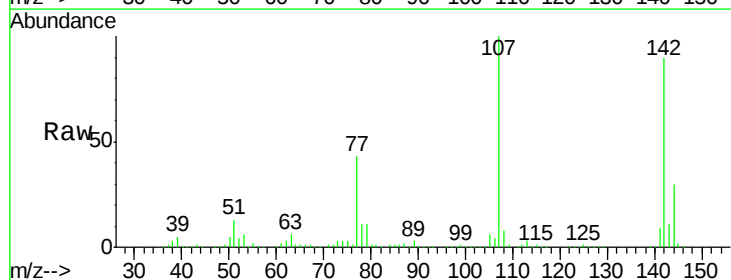
Instrument :
BNA_F
ClientSampleId :

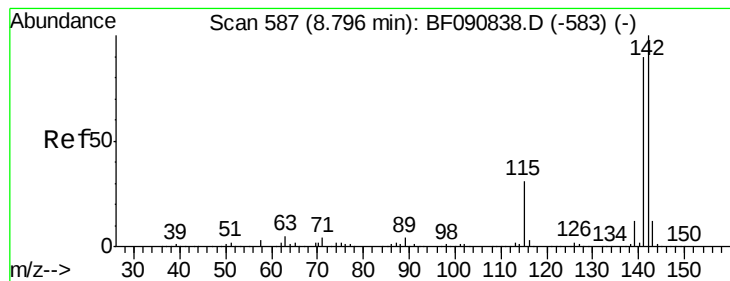
Tot Ion:113 Resp: 153494
Ion Ratio Lower Upper
113 100
55 140.8 152.4 192.4#
56 107.6 104.6 144.6



#36
4-Chloro-3-methylphenol
Concen: 44.56 ng
RT: 8.65 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion:107 Resp: 499629
Ion Ratio Lower Upper
107 100
144 30.0 25.4 38.0
142 89.9 77.3 115.9

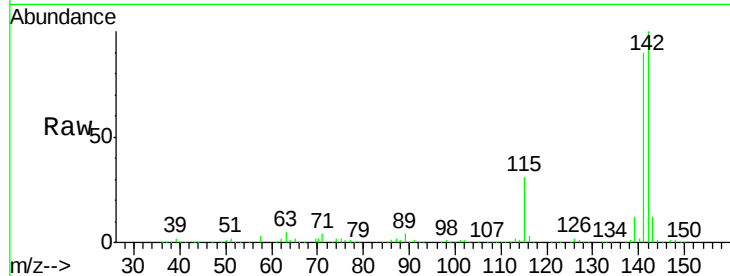




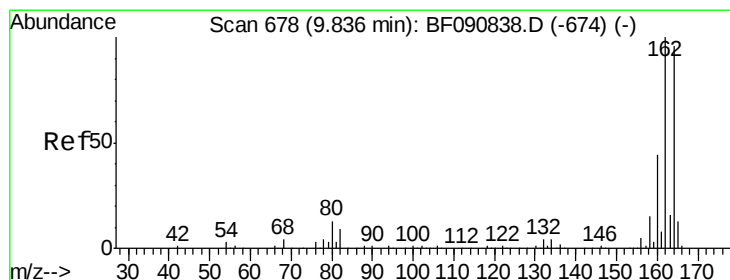
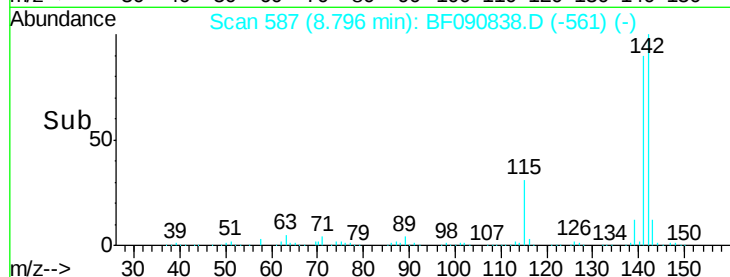
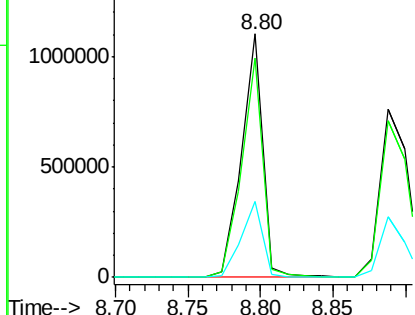
#37
 2-Methylnaphthalene
 Concen: 47.72 ng
 RT: 8.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:142 Resp: 1119314
 Ion Ratio Lower Upper
 142 100
 141 90.3 67.5 101.3
 115 31.0 18.2 27.2#

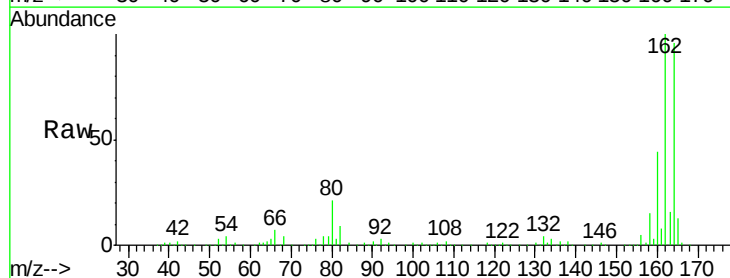


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

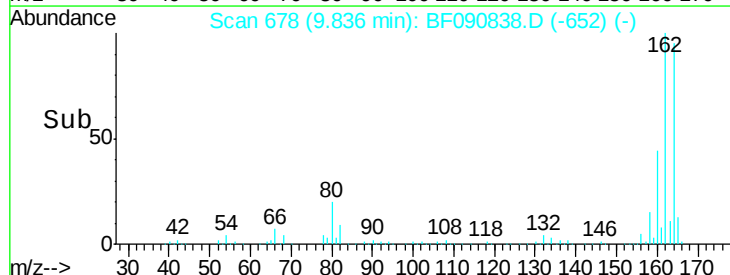
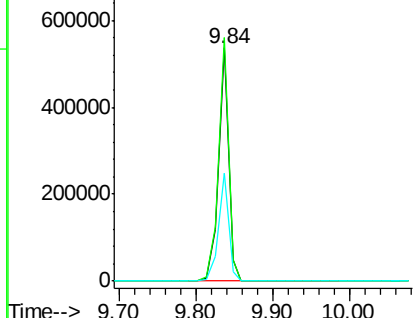


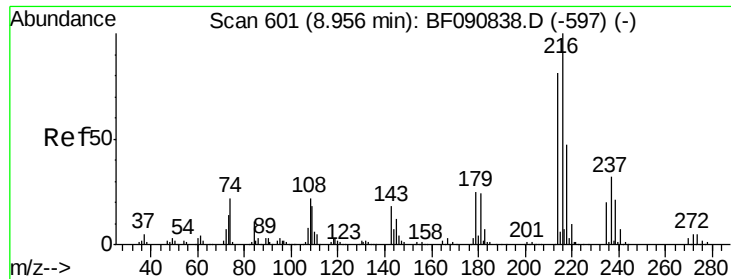
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion:164 Resp: 492451
 Ion Ratio Lower Upper
 164 100
 162 104.4 75.2 112.8
 160 46.1 31.5 47.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.01 ng

RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 505466

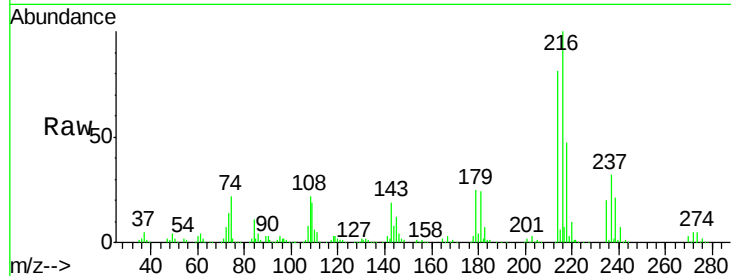
Ion Ratio Lower Upper

216 100

214 78.7 63.5 95.3

179 21.1 16.6 24.8

108 16.9 16.3 24.5

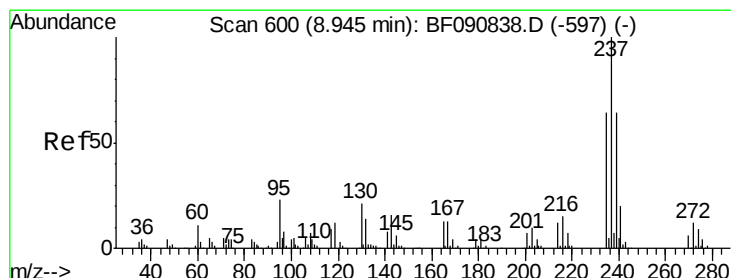
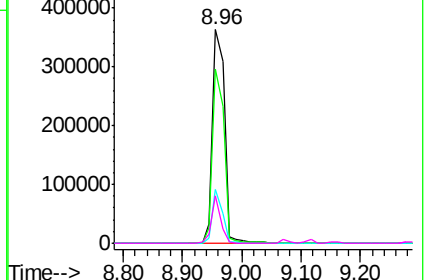
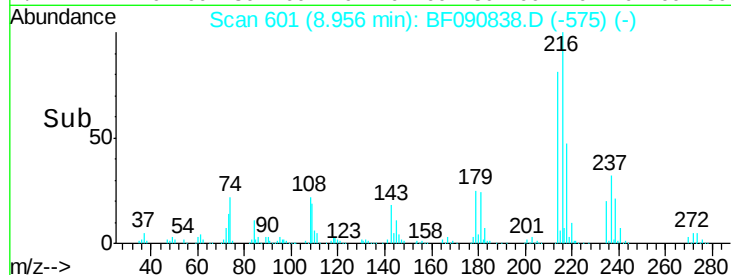


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.61 ng

RT: 8.94 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

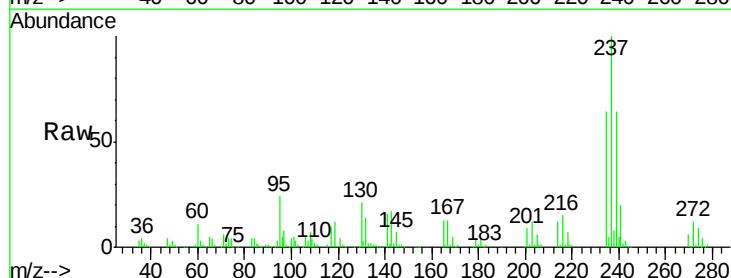
Tgt Ion:237 Resp: 241016

Ion Ratio Lower Upper

237 100

235 63.7 42.0 82.0

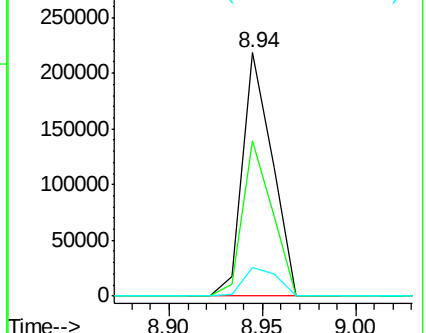
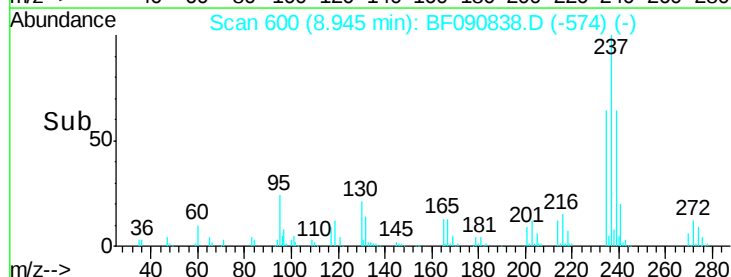
272 11.9 0.0 36.1

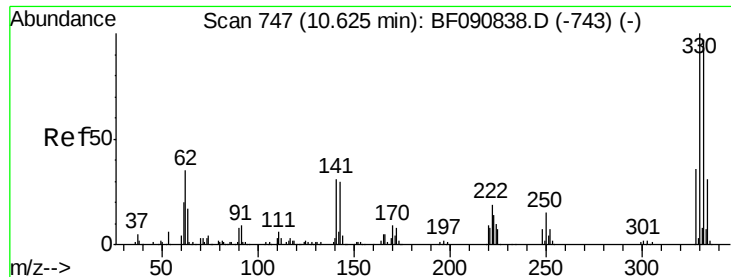


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

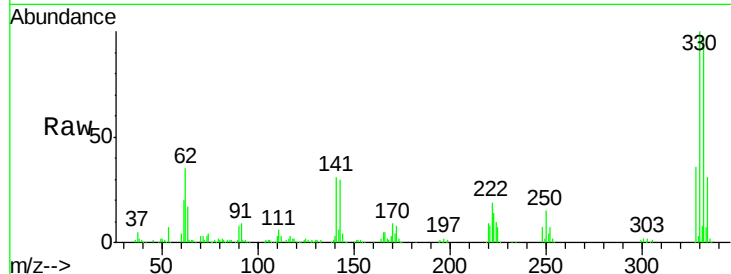




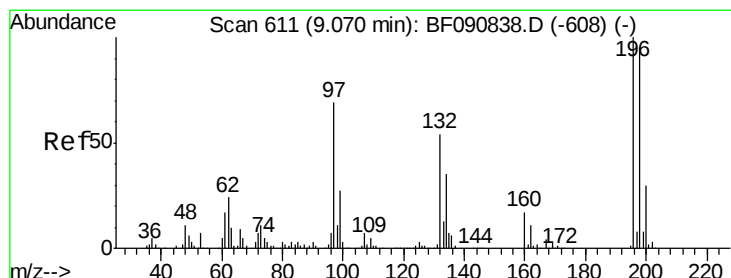
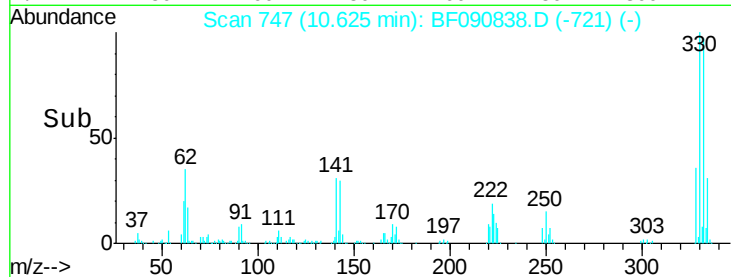
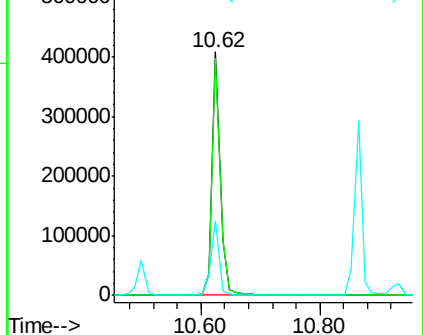
#41
 2,4,6-Tribromophenol
 Concen: 99.92 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	114.8
141	31.4	29.7	44.5

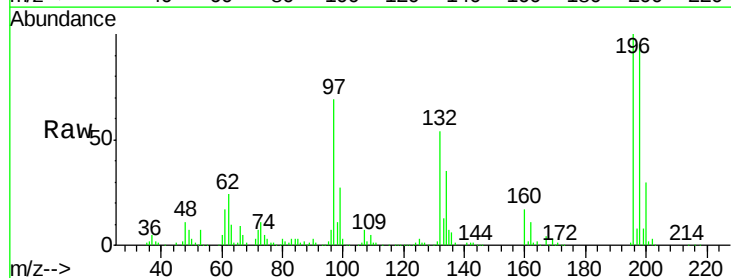


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

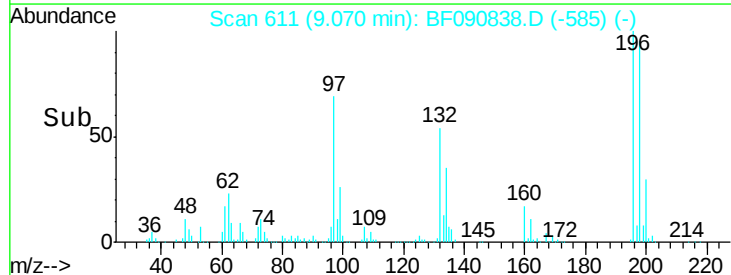
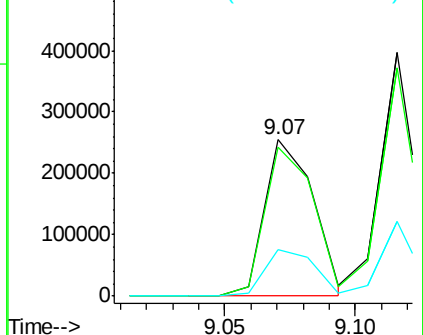


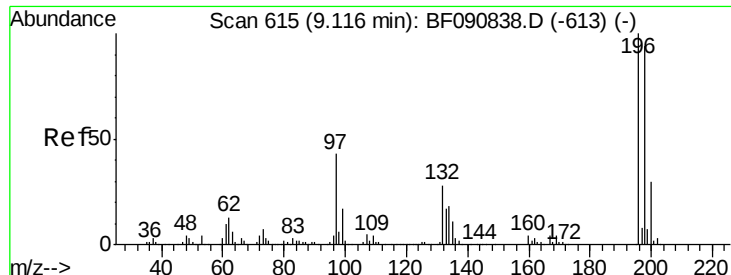
#42
 2,4,6-Trichlorophenol
 Concen: 40.06 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.7	113.5
200	30.0	23.9	35.9



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

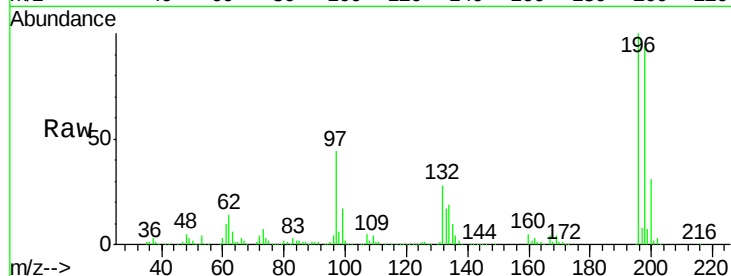




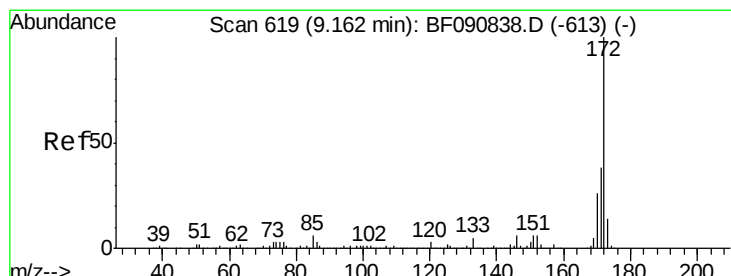
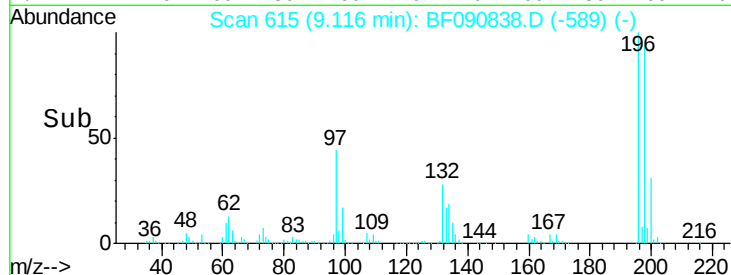
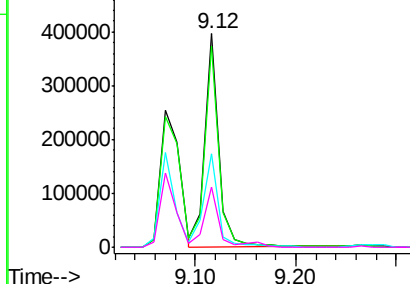
#43
 2,4,5-Trichlorophenol
 Concen: 45.50 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 380760
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.4 113.0
 97 43.7 33.3 49.9
 132 28.2 24.6 37.0

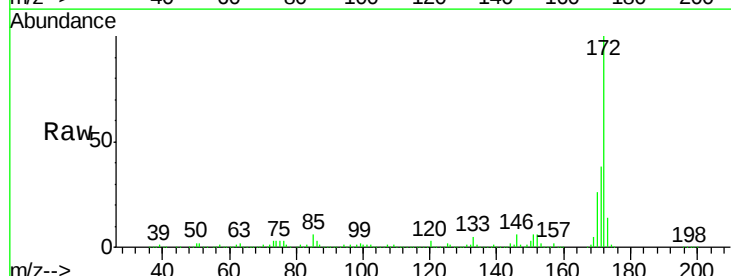


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

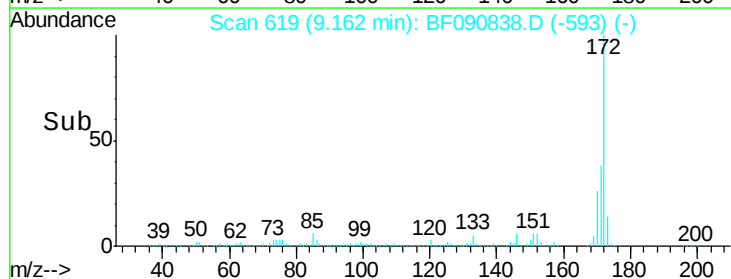
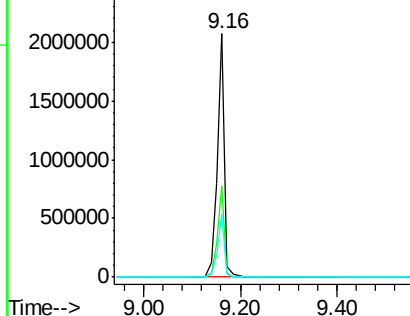


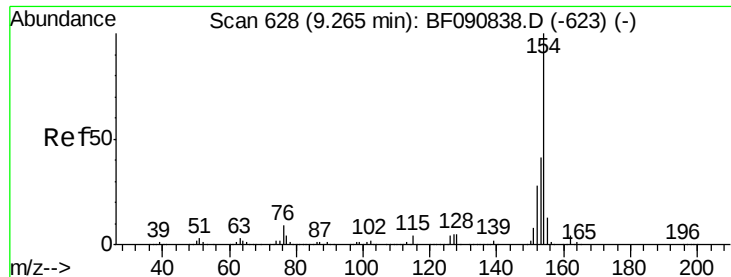
#44
 2-Fluorobiphenyl
 Concen: 68.20 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion:172 Resp: 2163340
 Ion Ratio Lower Upper
 172 100
 171 37.6 26.1 39.1
 170 25.8 17.4 26.2



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

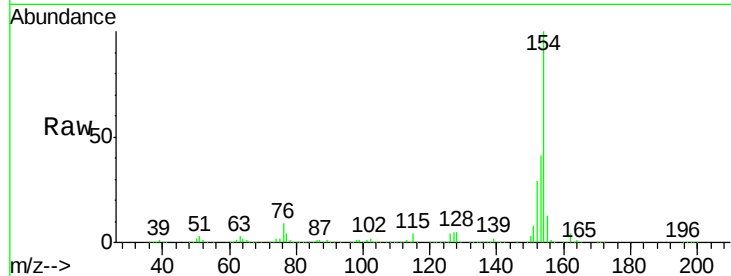




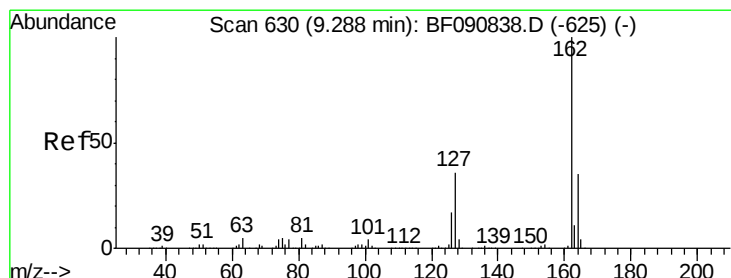
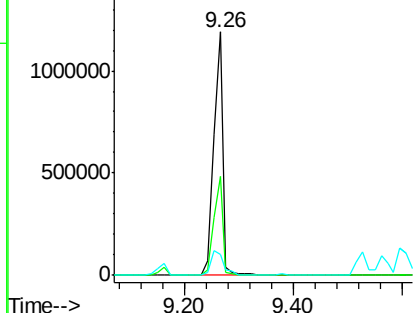
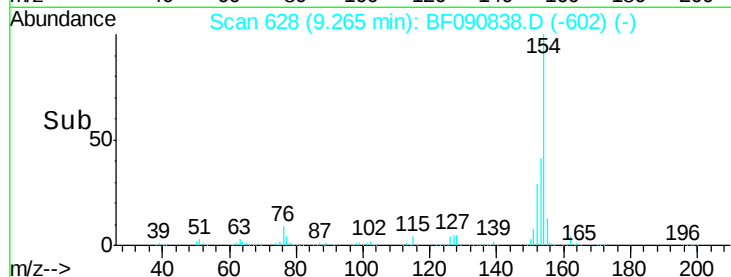
#45
 1,1'-Biphenyl
 Concen: 36.47 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1410453
 Ion Ratio Lower Upper
 154 100
 153 40.8 17.1 57.1
 76 8.5 0.0 31.6

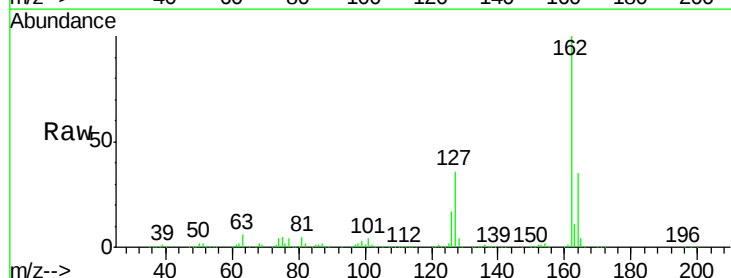


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

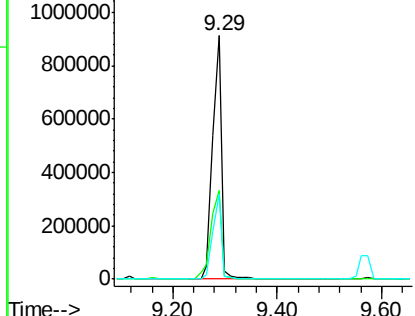
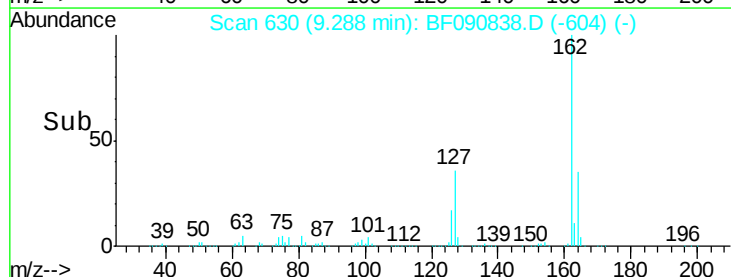


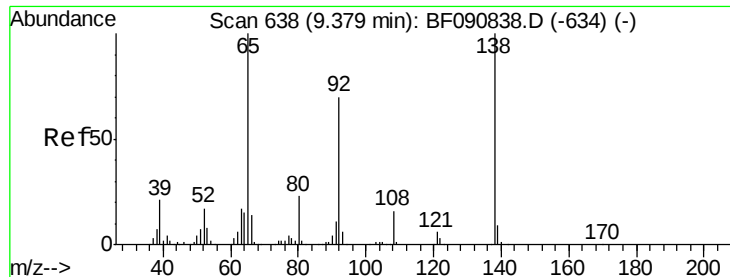
#46
 2-Chloronaphthalene
 Concen: 37.95 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion:162 Resp: 1090962
 Ion Ratio Lower Upper
 162 100
 127 36.3 27.6 41.4
 164 35.0 25.4 38.2



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

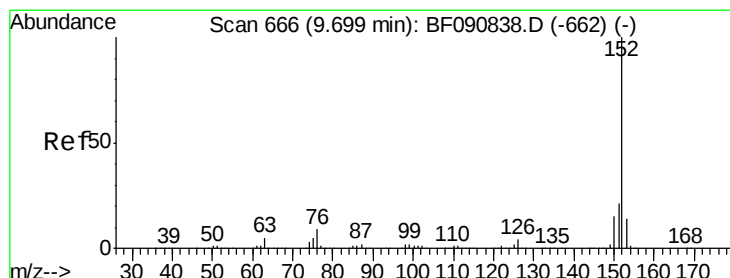
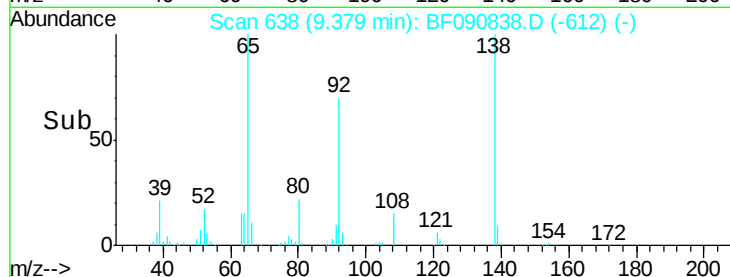
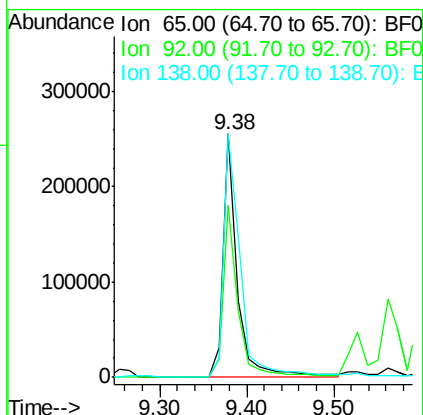
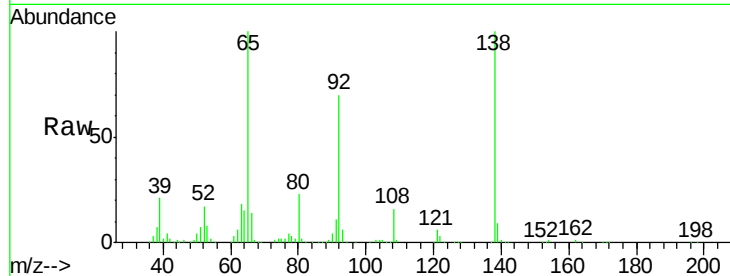




#47
2-Nitroaniline
Concen: 31.10 ng
RT: 9.38 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

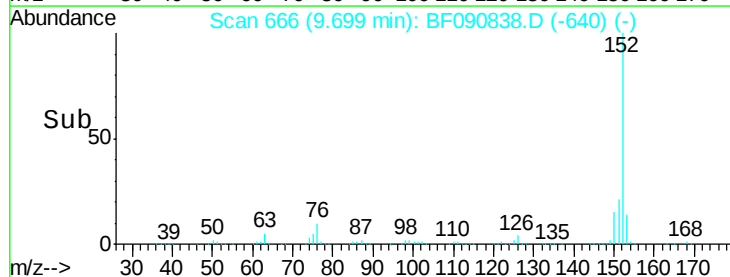
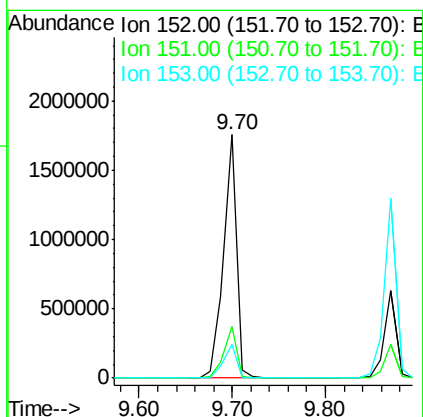
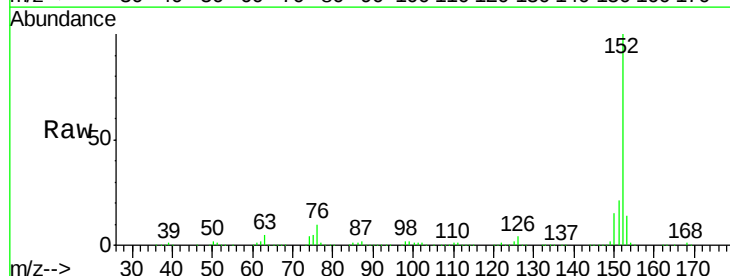
Instrument :
BNA_F
ClientSampleId :

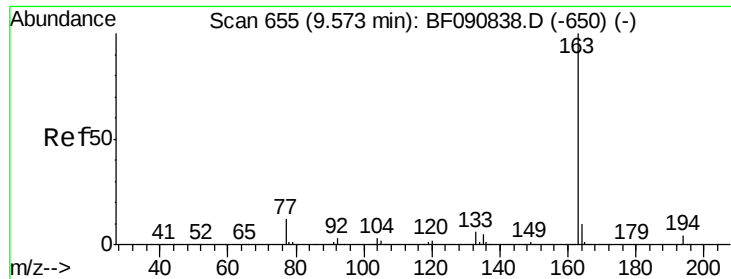
Tot Ion: 65 Resp: 296762
Ion Ratio Lower Upper
65 100
92 70.4 55.4 83.0
138 99.9 115.5 173.3#



#48
Acenaphthylene
Concen: 38.72 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion: 152 Resp: 1698108
Ion Ratio Lower Upper
152 100
151 21.2 14.6 22.0
153 13.9 10.3 15.5

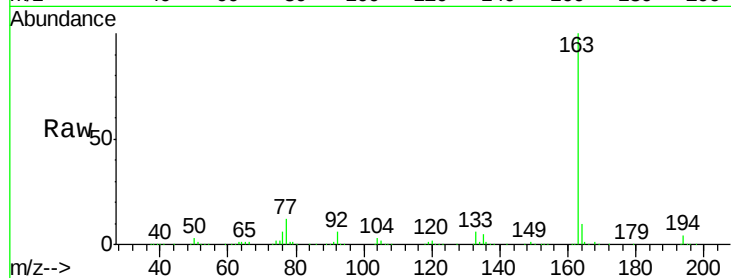




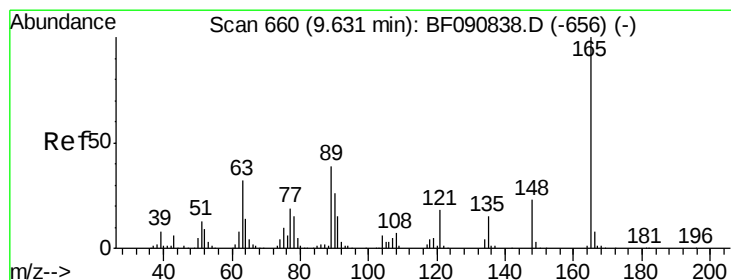
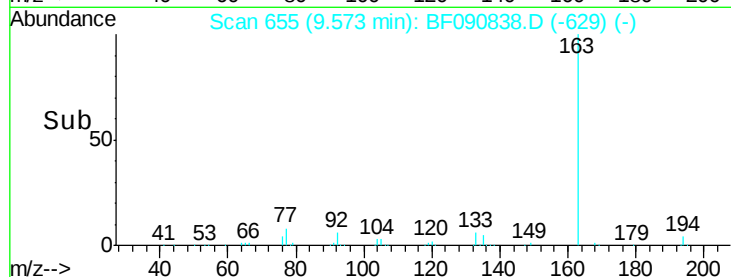
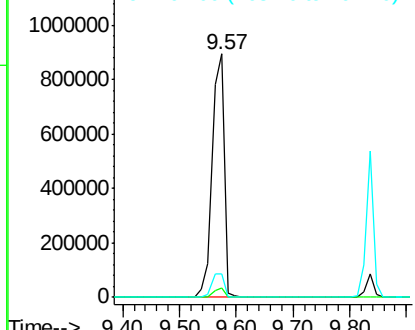
#49
Dimethylphthalate
Concen: 41.27 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1277137
Ion Ratio Lower Upper
163 100
194 4.1 4.4 6.6#
164 9.8 8.3 12.5

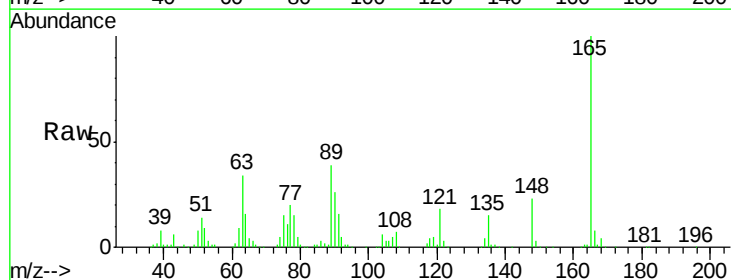


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

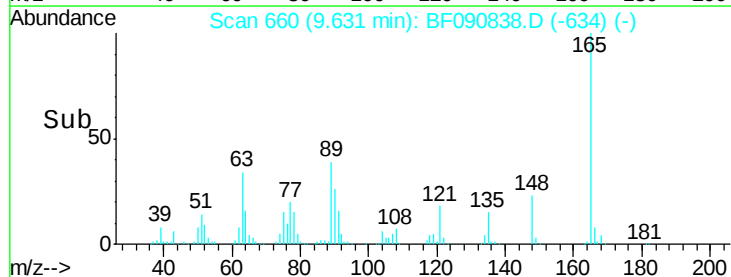
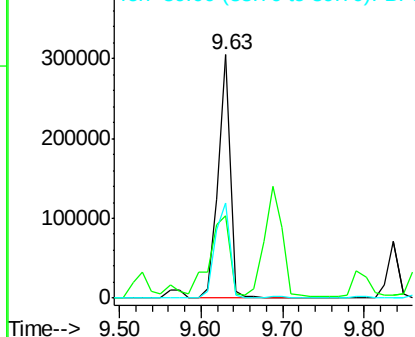


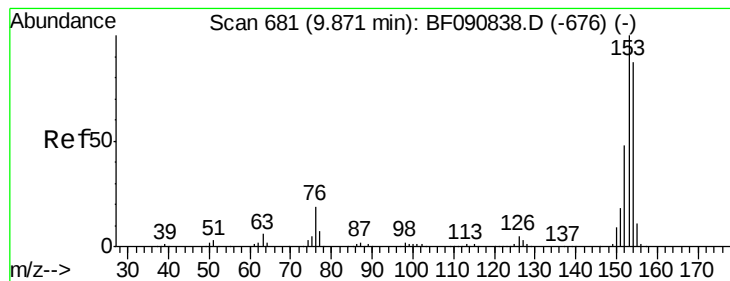
#50
2,6-Dinitrotoluene
Concen: 47.32 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion:165 Resp: 314890
Ion Ratio Lower Upper
165 100
63 34.0 32.3 48.5
89 39.3 28.6 43.0



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





#51

Acenaphthene

Concen: 38.09 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

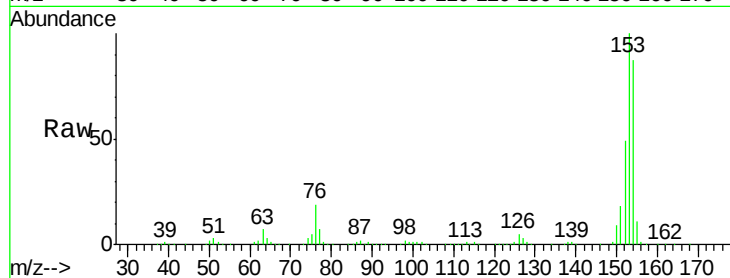
Tot Ion:154 Resp: 1109100

Ion Ratio Lower Upper

154 100

153 114.9 82.1 123.1

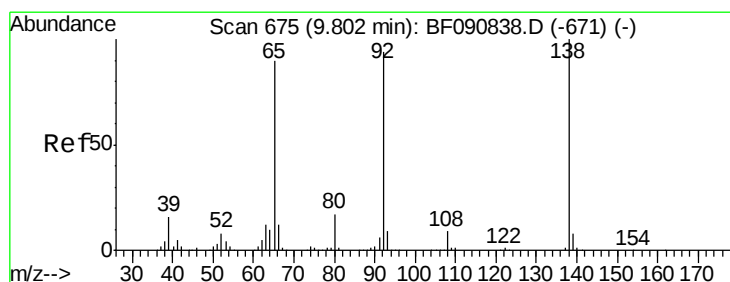
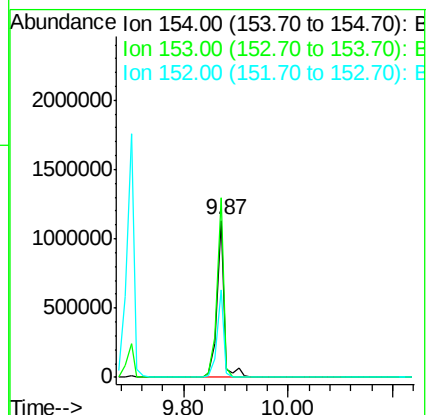
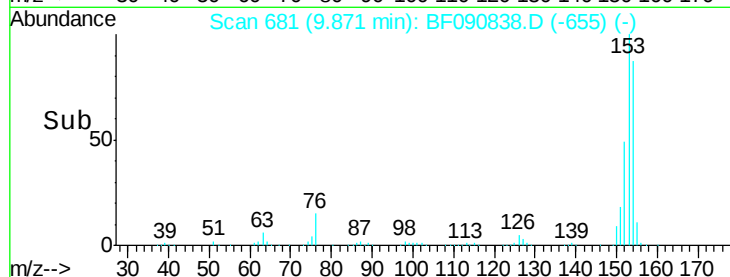
152 55.8 37.9 56.9



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: 41.59 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

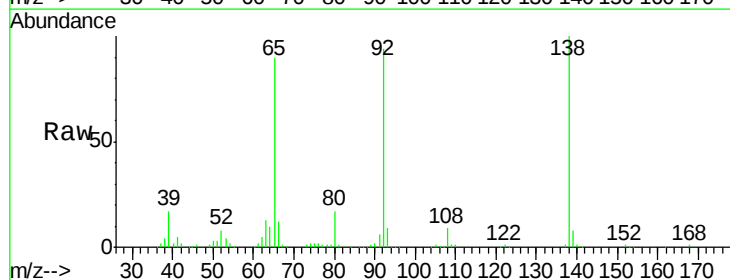
Tgt Ion:138 Resp: 318124

Ion Ratio Lower Upper

138 100

108 9.0 5.7 8.5#

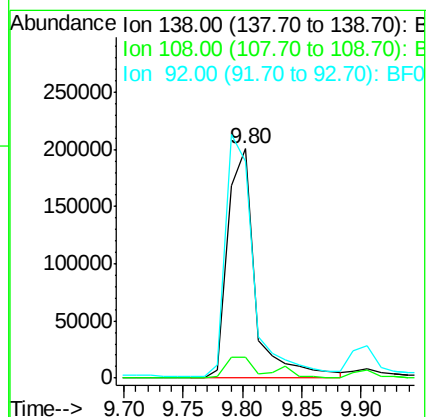
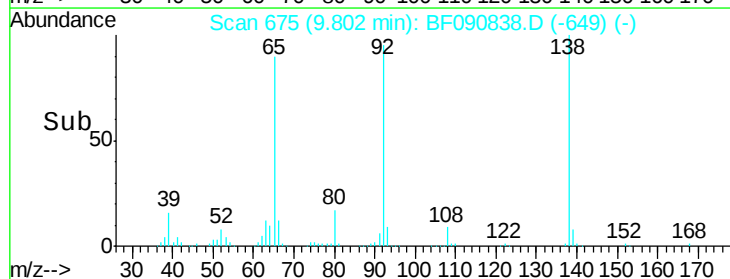
92 94.4 67.7 101.5

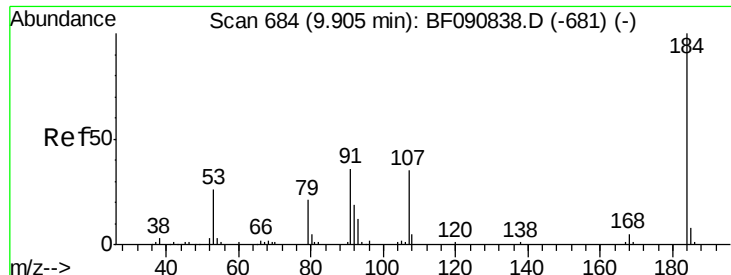


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

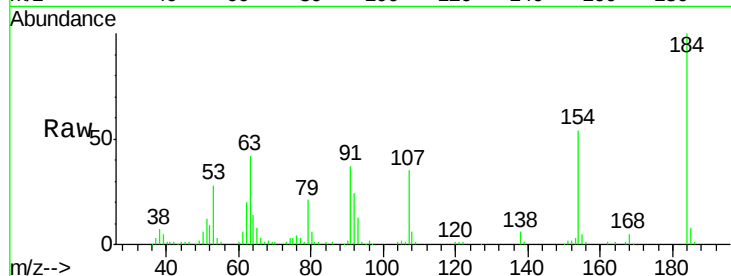




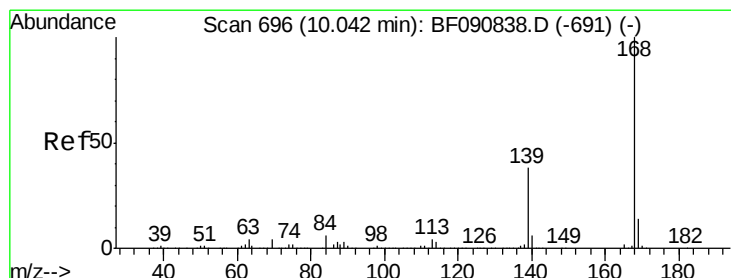
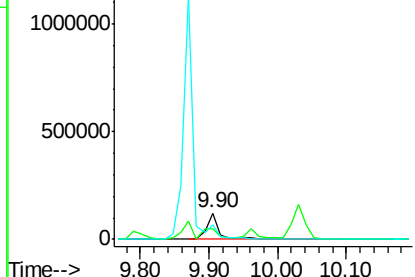
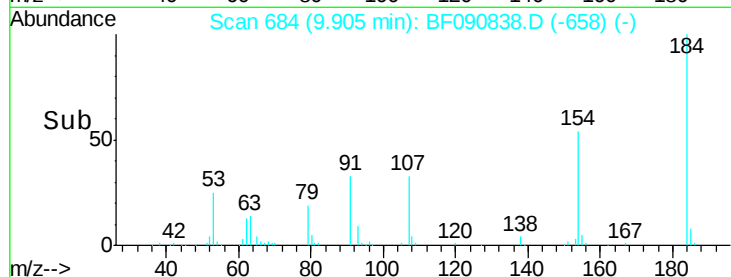
#53
2,4-Dinitrophenol
Concen: 50.23 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 154432
Ion Ratio Lower Upper
184 100
63 41.8 35.4 53.2
154 54.4 32.2 48.4#

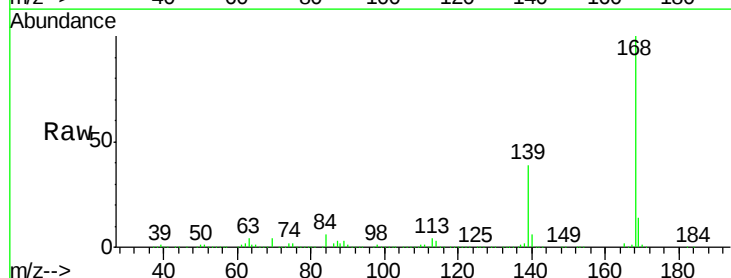


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

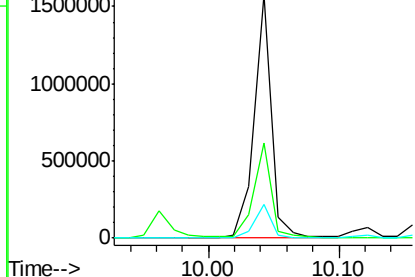
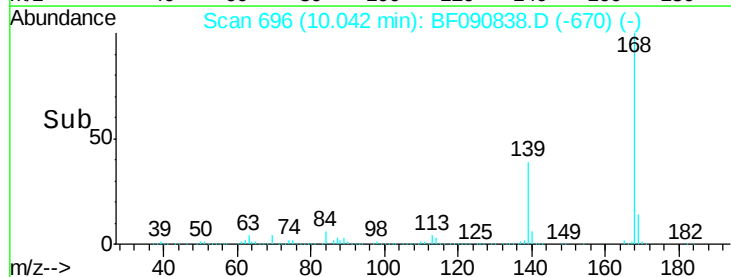


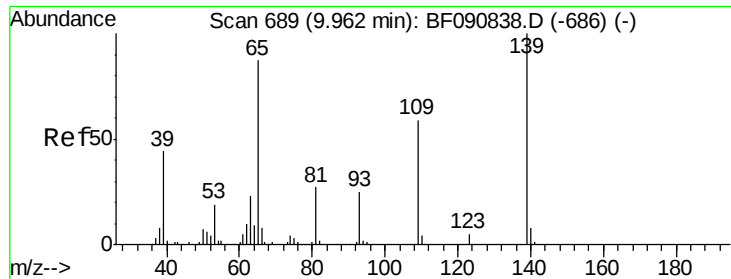
#54
Dibenzofuran
Concen: 41.26 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion:168 Resp: 1455168
Ion Ratio Lower Upper
168 100
139 39.1 24.2 36.2#
169 13.9 10.6 15.8



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





#55

4-Nitrophenol

Concen: 45.47 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

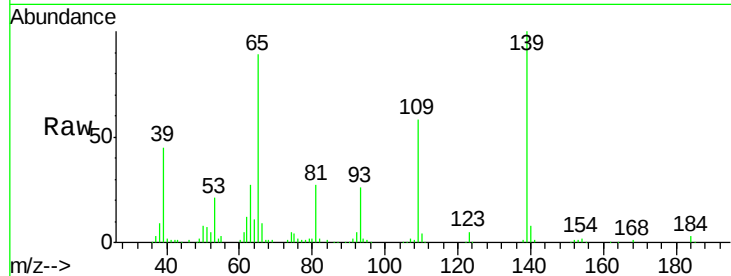
Tot Ion:139 Resp: 200674

Ion Ratio Lower Upper

139 100

109 58.5 12.7 52.7#

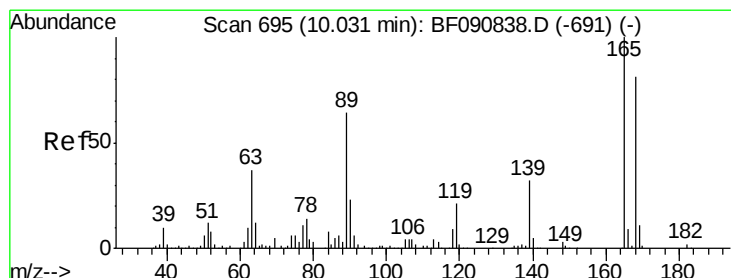
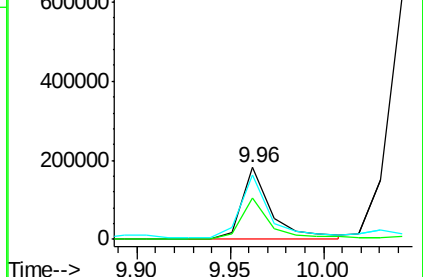
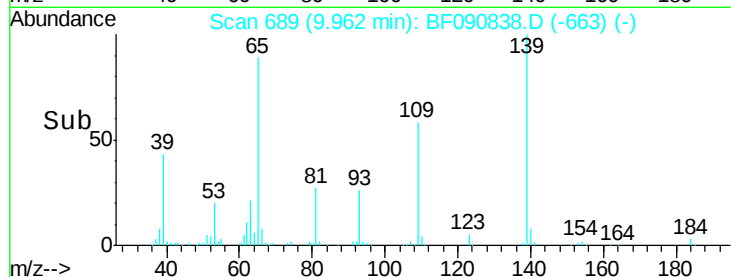
65 89.3 45.9 85.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 47.85 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Tgt Ion:165 Resp: 389156

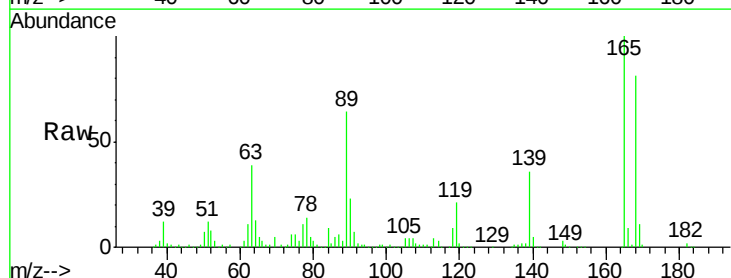
Ion Ratio Lower Upper

165 100

63 38.9 29.8 44.6

89 63.6 44.5 66.7

182 2.3 3.0 4.4#

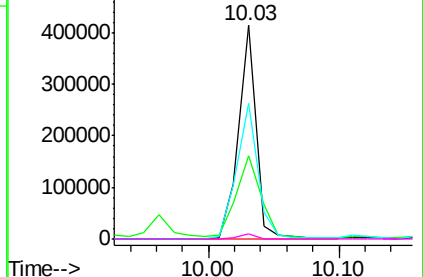
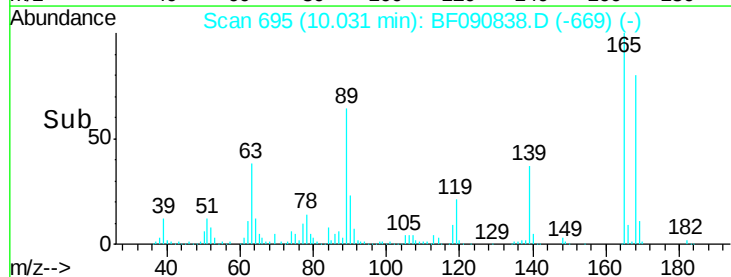


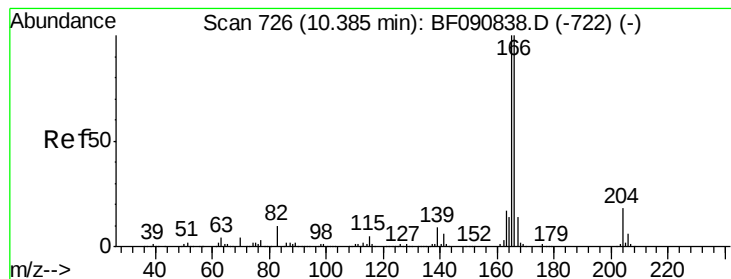
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.67 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

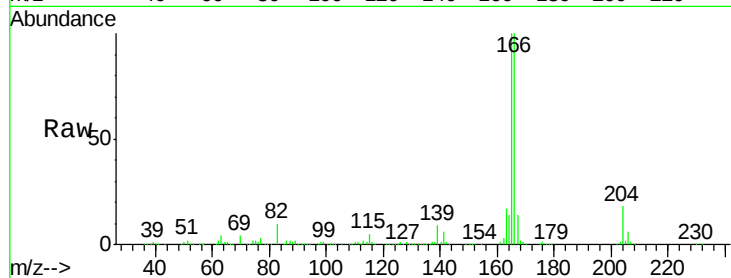
Tot Ion:166 Resp: 1218157

Ion Ratio Lower Upper

166 100

165 99.8 72.6 109.0

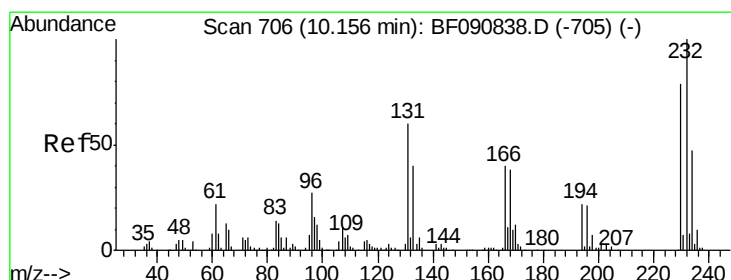
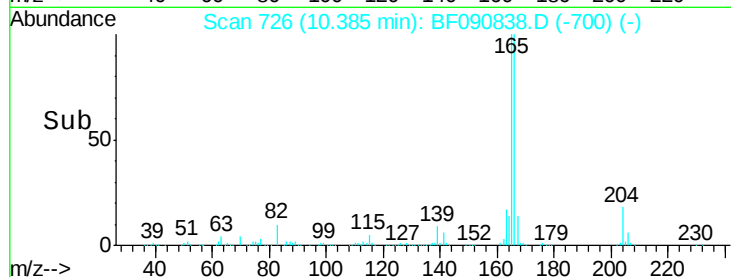
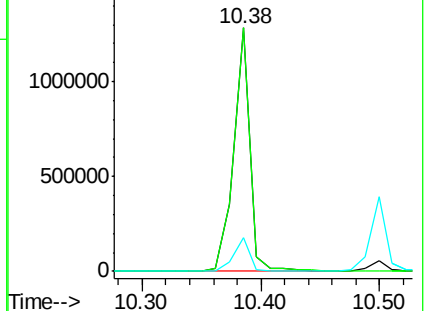
167 13.8 10.6 16.0



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: 45.18 ng

RT: 10.16 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Tgt Ion:232 Resp: 296701

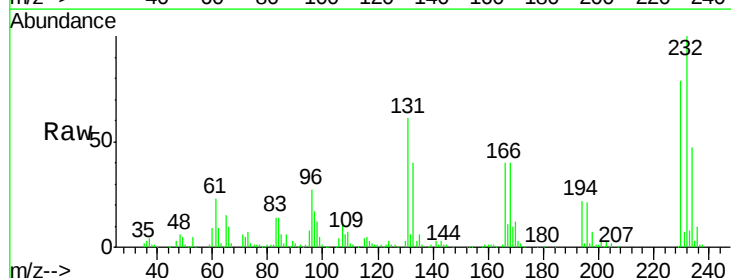
Ion Ratio Lower Upper

232 100

131 45.5 38.5 57.7

130 2.0 1.8 2.6

166 31.1 25.0 37.6

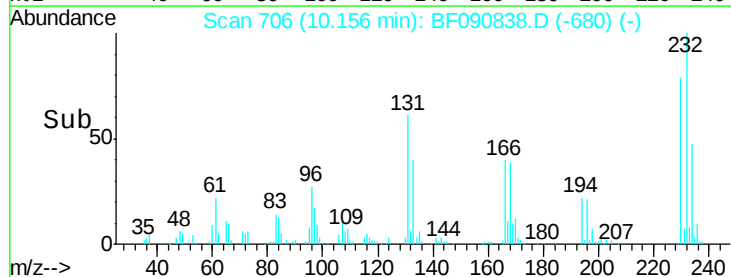
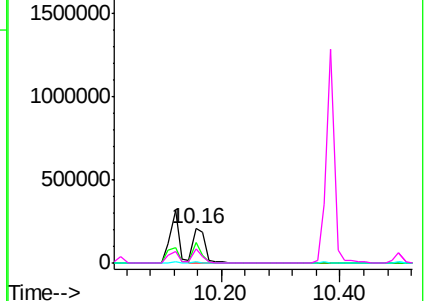


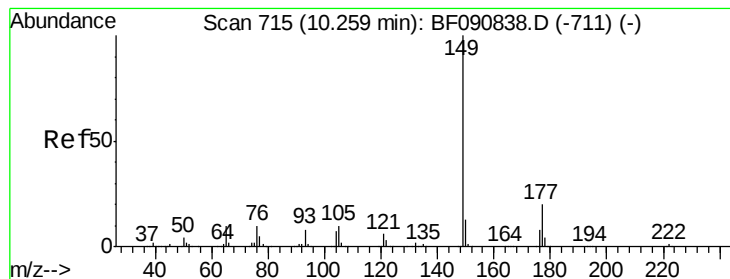
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.87 ng

RT: 10.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

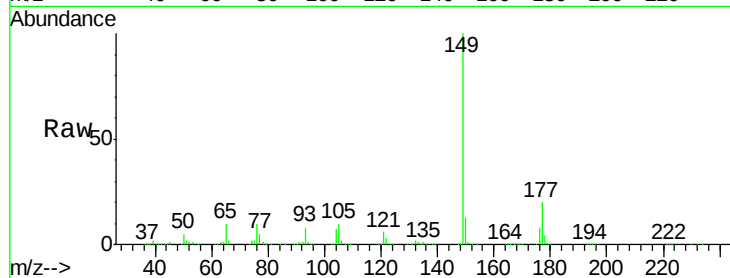
Tot Ion:149 Resp: 1215418

Ion Ratio Lower Upper

149 100

177 20.4 17.5 26.3

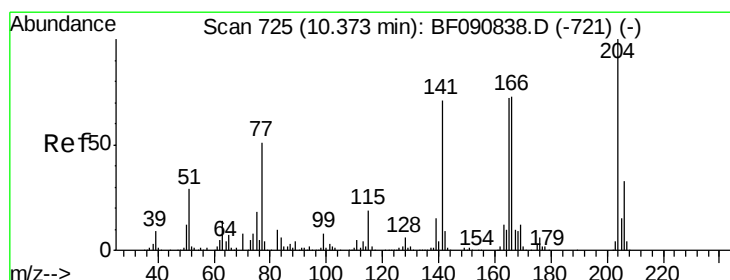
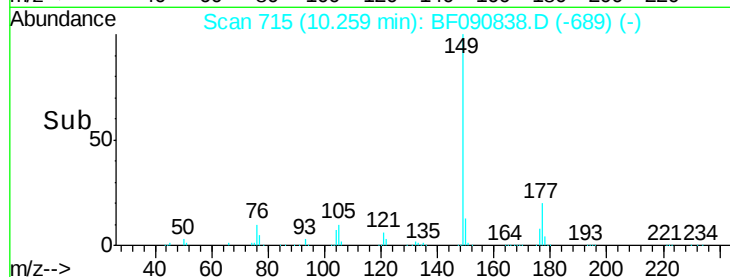
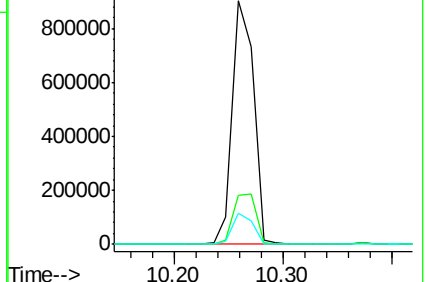
150 13.0 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.47 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

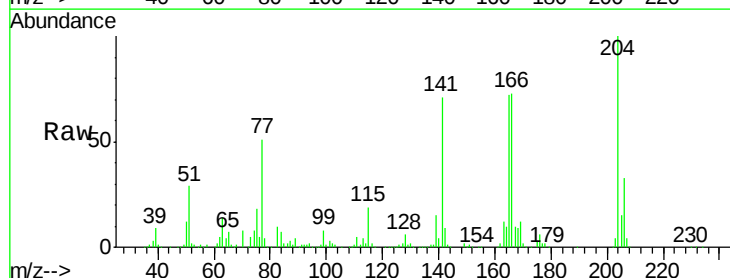
Tgt Ion:204 Resp: 527251

Ion Ratio Lower Upper

204 100

206 33.3 24.8 37.2

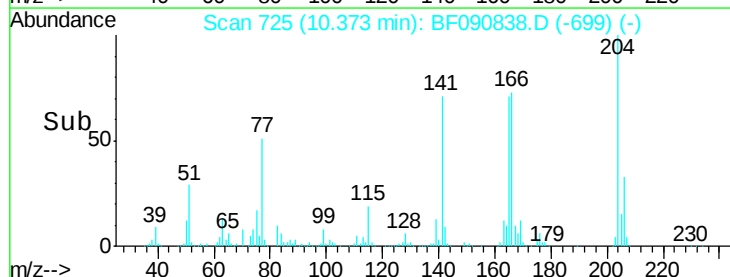
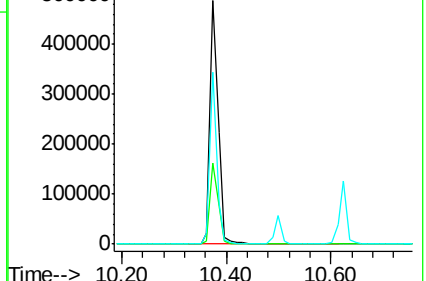
141 70.7 42.2 63.4#

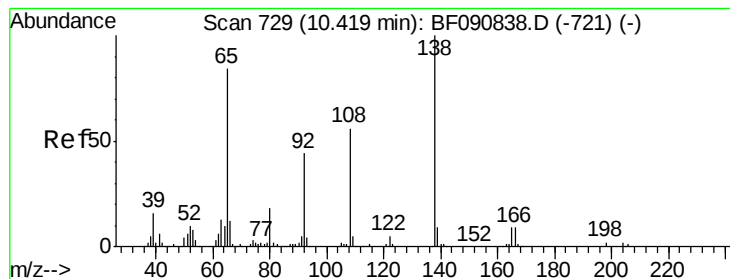


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.91 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampled :

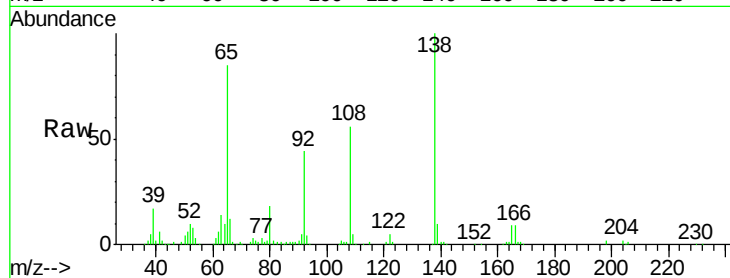
Tot Ion:138 Resp: 309204

Ion Ratio Lower Upper

138 100

92 44.4 12.6 52.6

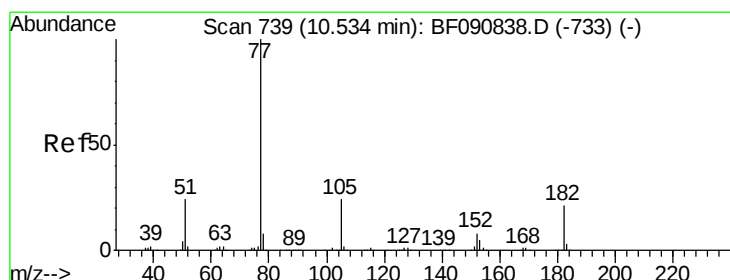
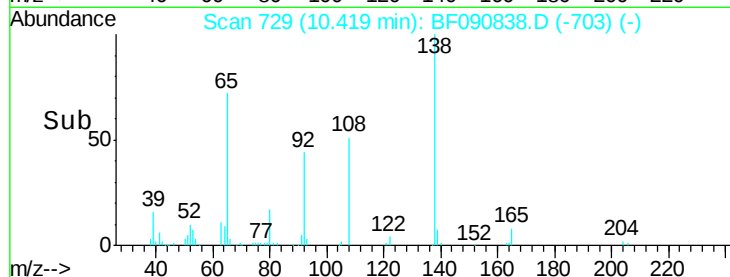
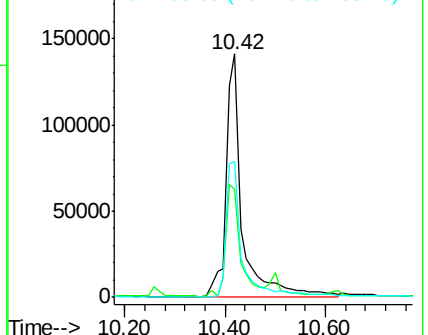
108 56.1 12.4 52.4#



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: 29.27 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Tgt Ion: 77 Resp: 1099999

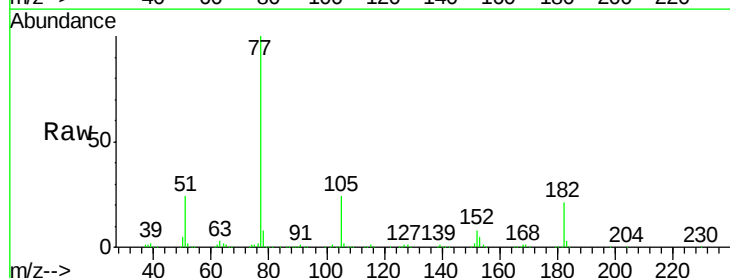
Ion Ratio Lower Upper

77 100

182 21.3 15.1 55.1

105 24.2 3.4 43.4

51 23.9 12.0 52.0

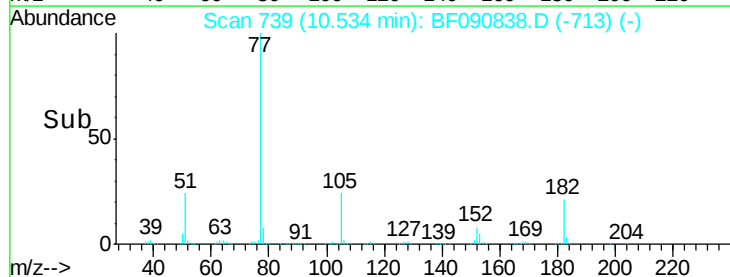
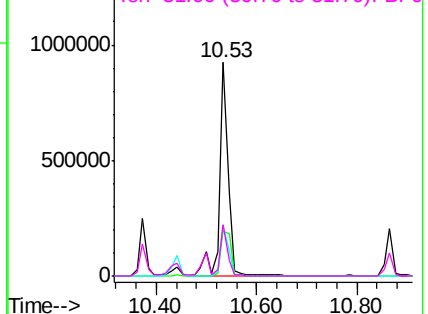


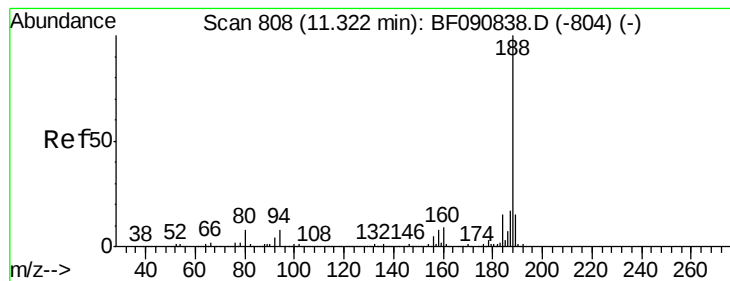
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

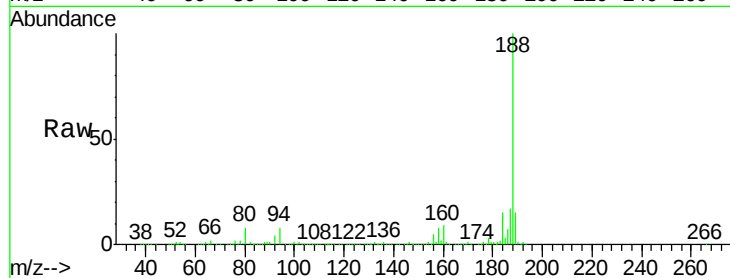
Tot Ion:188 Resp: 793942

Ion Ratio Lower Upper

188 100

94 7.7 11.1 16.7#

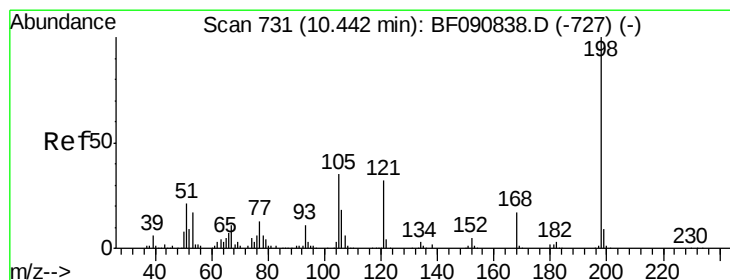
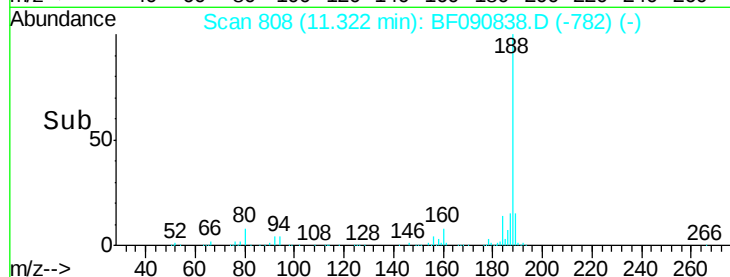
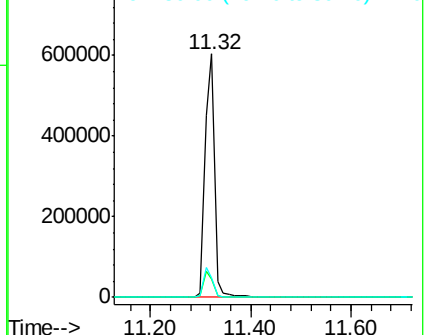
80 8.0 11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.95 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

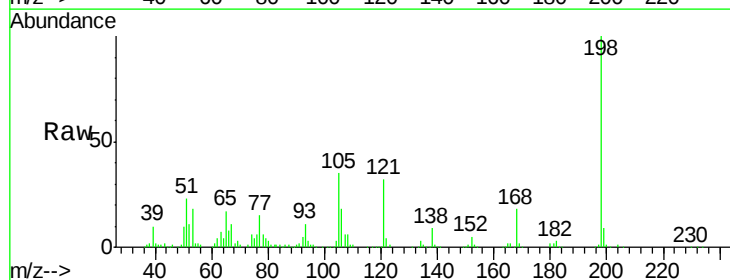
Tgt Ion:198 Resp: 237420

Ion Ratio Lower Upper

198 100

51 22.9 39.6 79.6#

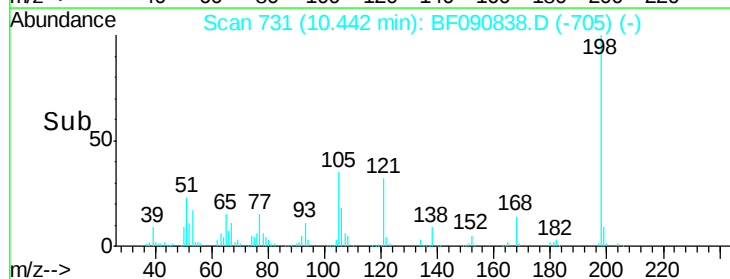
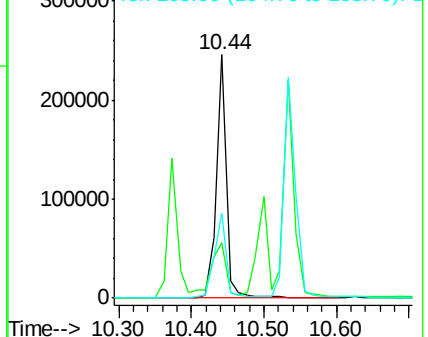
105 35.1 28.5 68.5

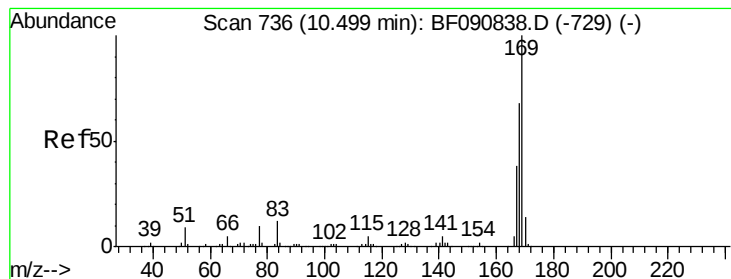


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.51 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampled :

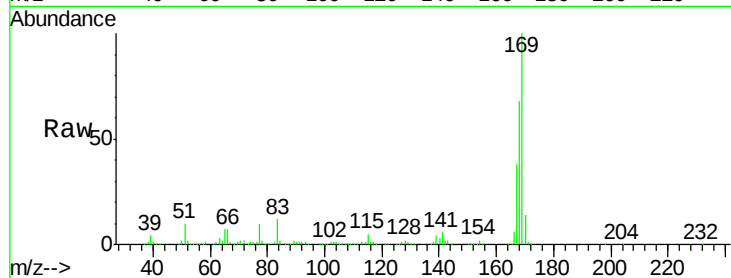
Tot Ion:169 Resp: 979488

Ion Ratio Lower Upper

169 100

168 68.1 48.9 73.3

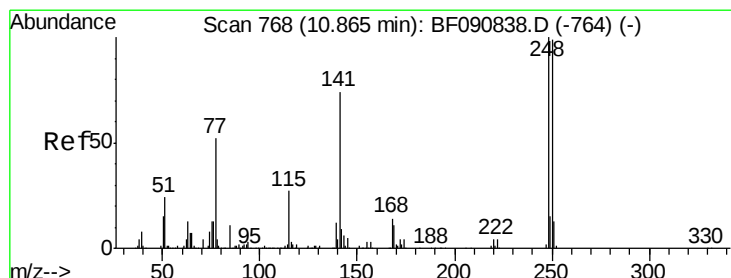
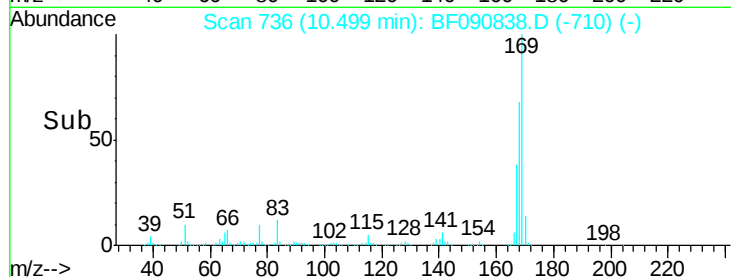
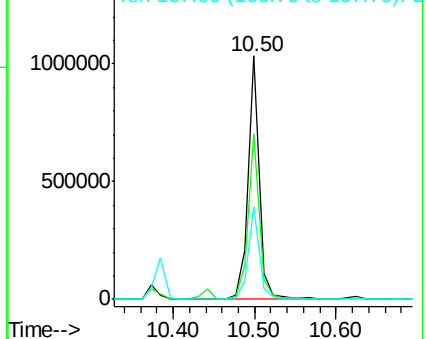
167 38.0 26.2 39.4



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: 44.78 ng

RT: 10.86 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

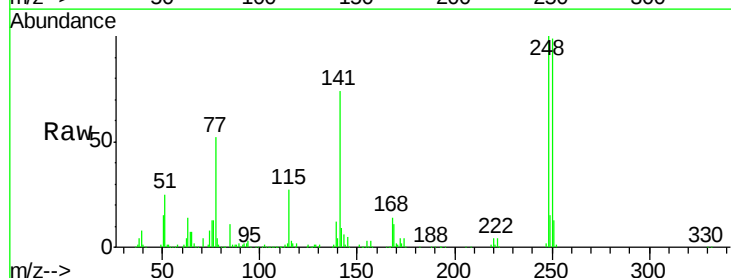
Tgt Ion:248 Resp: 344628

Ion Ratio Lower Upper

248 100

250 99.4 78.5 117.7

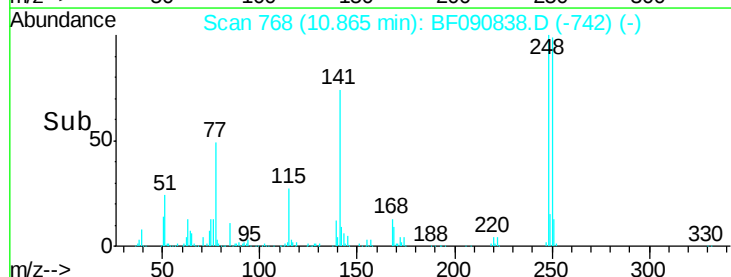
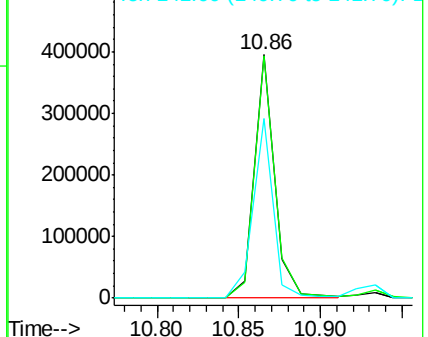
141 74.0 59.0 88.6

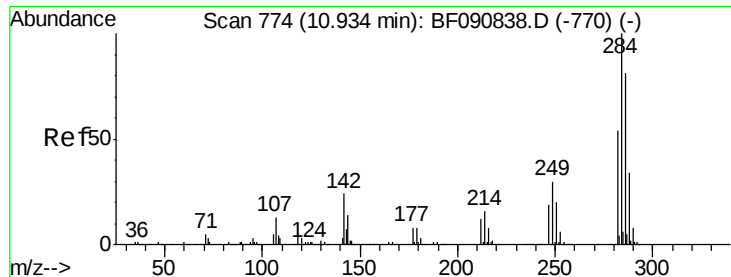


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

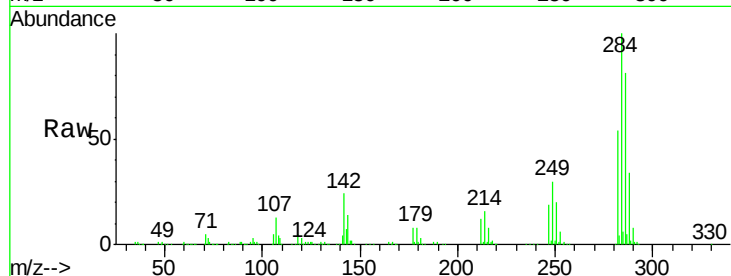




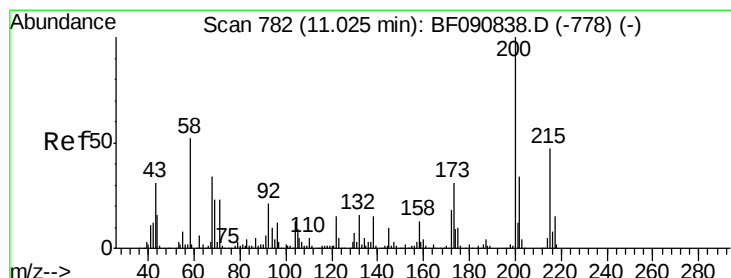
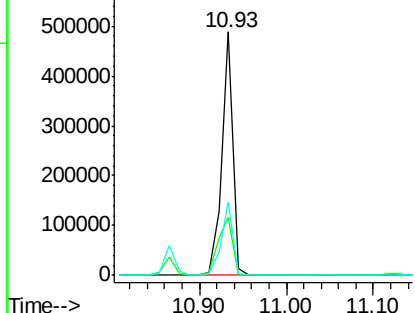
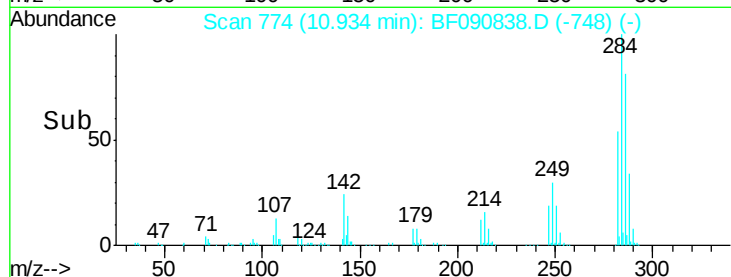
#67
Hexachlorobenzene
Concen: 48.64 ng
RT: 10.93 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 441798
Ion Ratio Lower Upper
284 100
142 24.0 29.5 44.3#
249 29.9 19.5 29.3#

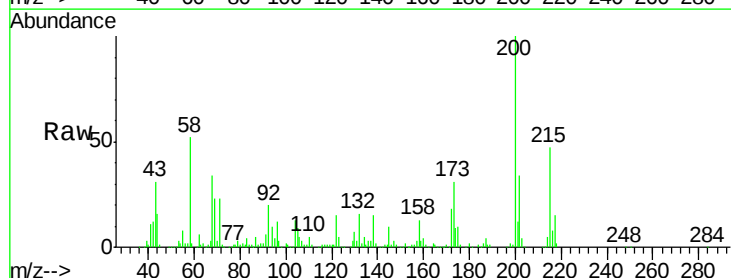


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

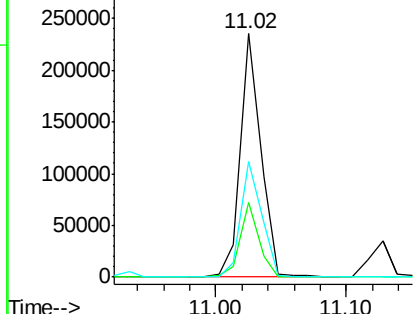
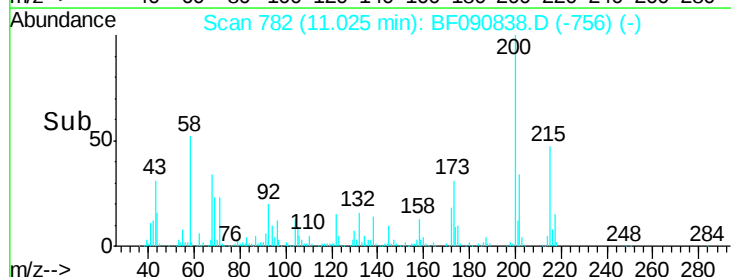


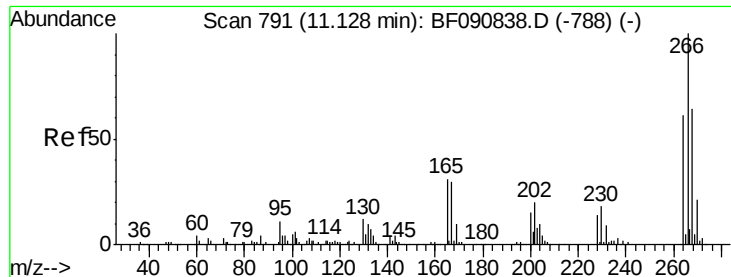
#68
Atrazine
Concen: 36.41 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion:200 Resp: 255626
Ion Ratio Lower Upper
200 100
173 30.7 13.2 53.2
215 47.3 41.8 81.8



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

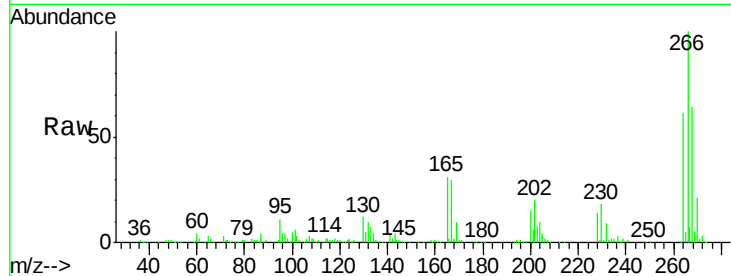




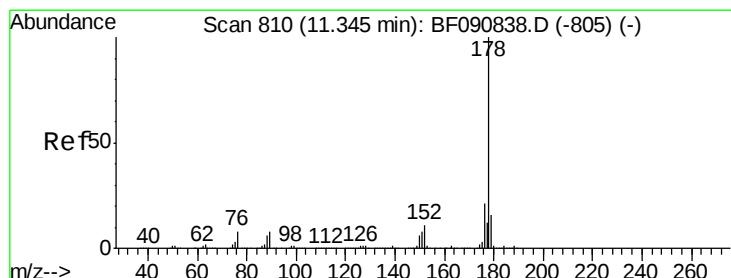
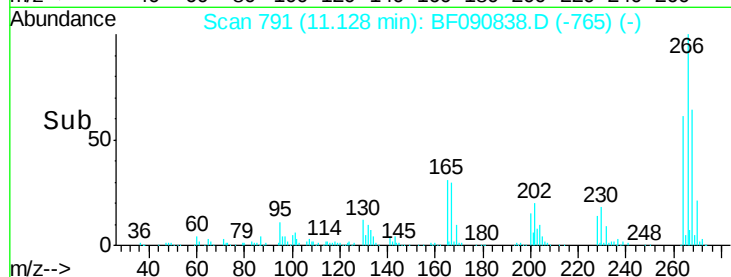
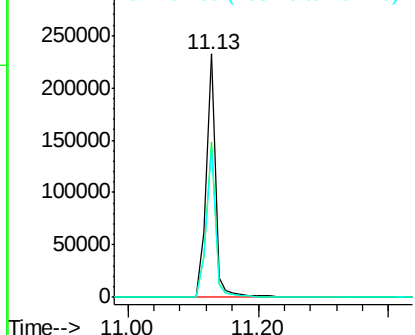
#69
 Pentachlorophenol
 Concen: 47.95 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 231652
 Ion Ratio Lower Upper
 266 100
 268 63.6 49.8 74.6
 264 61.5 50.2 75.2

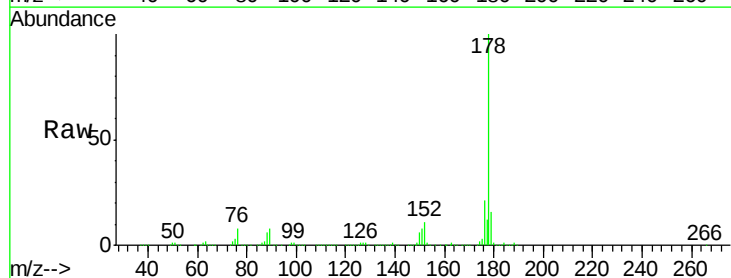


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

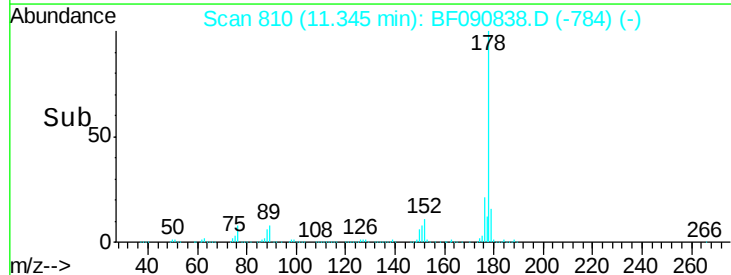
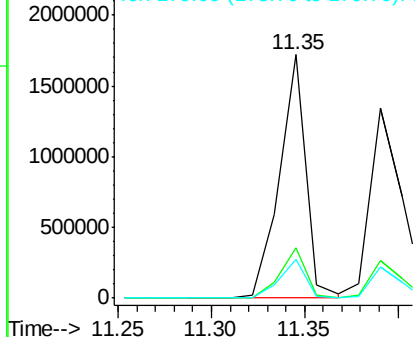


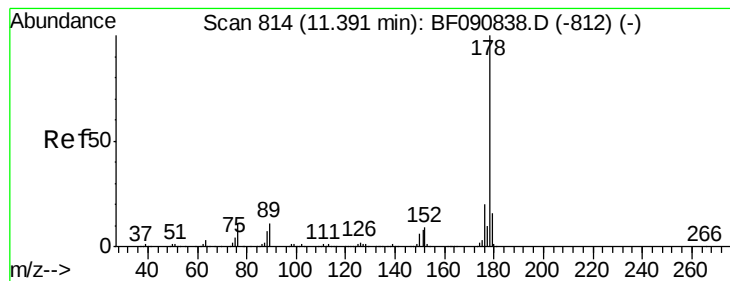
#70
 Phenanthrene
 Concen: 41.60 ng
 RT: 11.35 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion:178 Resp: 1683610
 Ion Ratio Lower Upper
 178 100
 176 20.6 13.8 20.8
 179 16.1 12.2 18.2



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: 35.75 ng

RT: 11.39 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

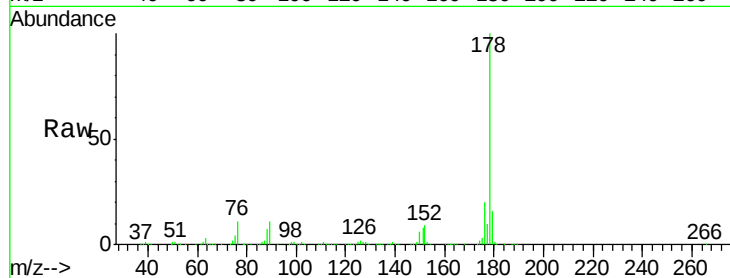
Tot Ion:178 Resp: 1604541

Ion Ratio Lower Upper

178 100

176 19.9 14.1 21.1

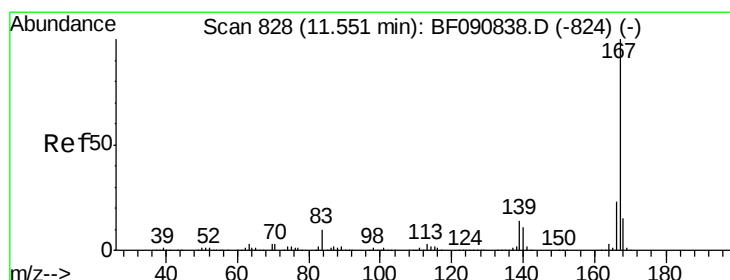
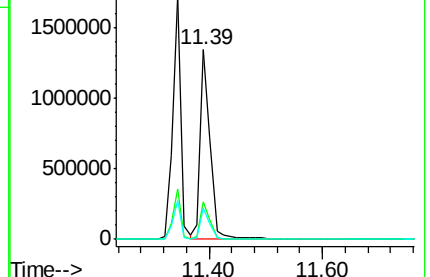
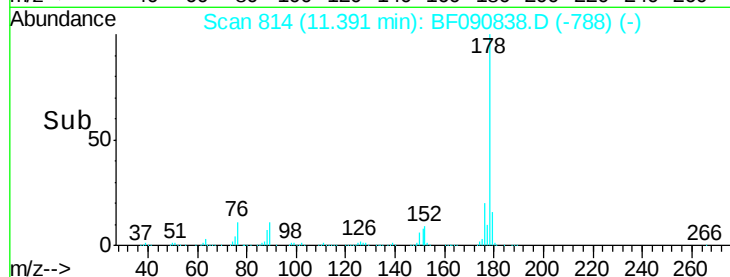
179 16.4 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.09 ng

RT: 11.55 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

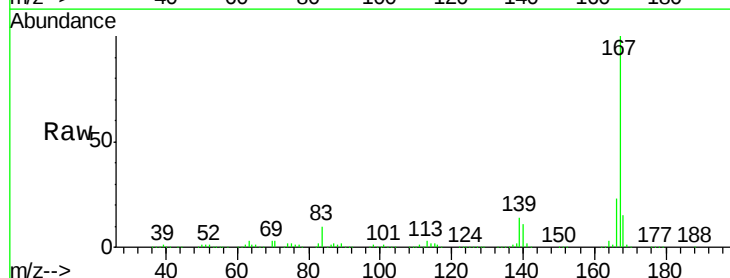
Tgt Ion:167 Resp: 1504402

Ion Ratio Lower Upper

167 100

166 22.7 15.7 23.5

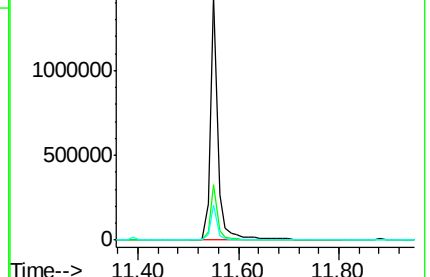
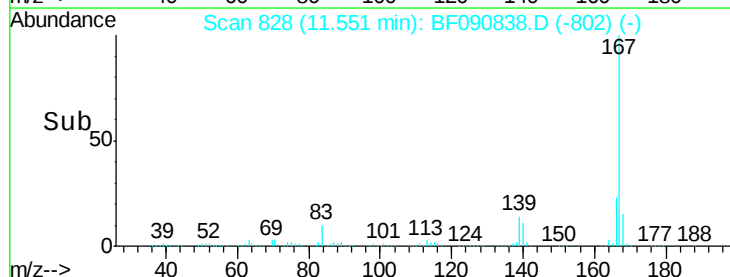
139 14.3 9.5 14.3#

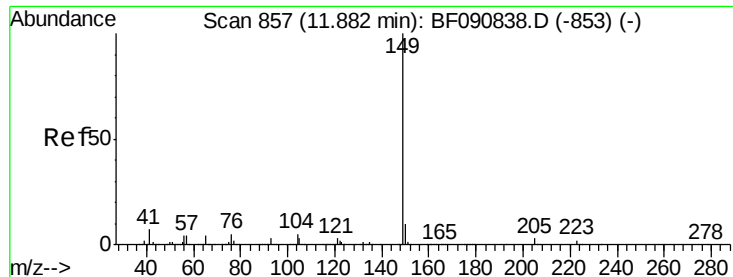


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.32 ng

RT: 11.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

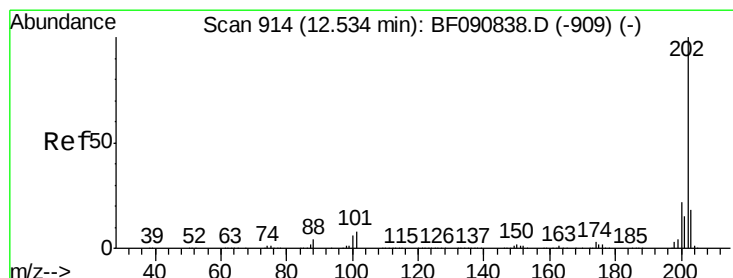
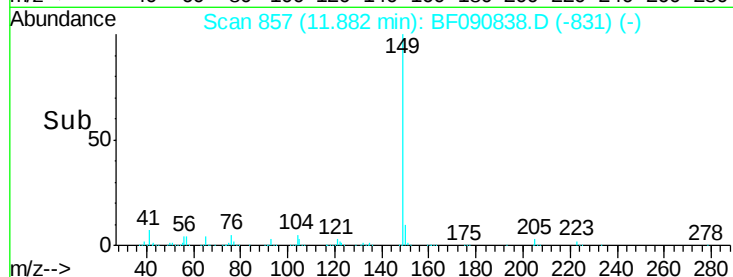
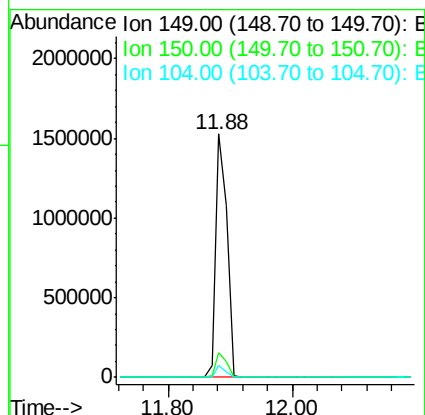
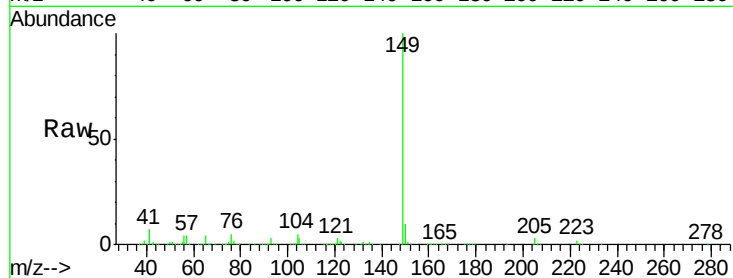
Tot Ion:149 Resp: 1864903

Ion Ratio Lower Upper

149 100

150 10.2 7.4 11.2

104 5.1 2.4 3.6#



#74

Fluoranthene

Concen: 46.07 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

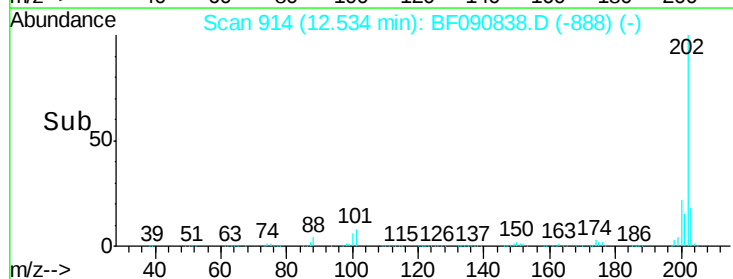
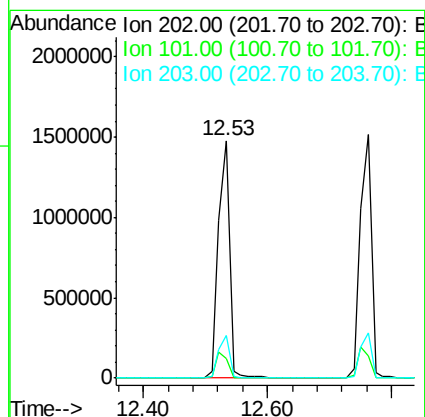
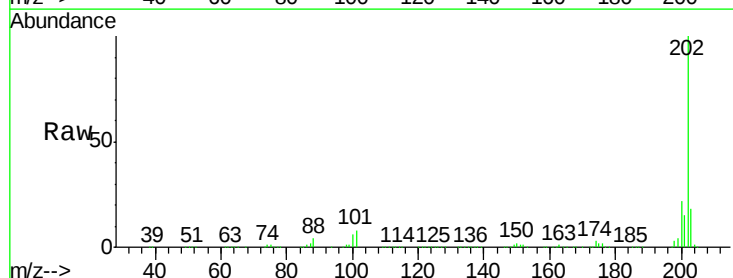
Tgt Ion:202 Resp: 1803424

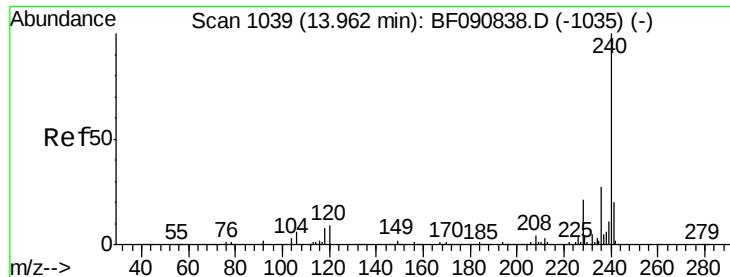
Ion Ratio Lower Upper

202 100

101 8.3 0.0 38.3

203 18.1 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

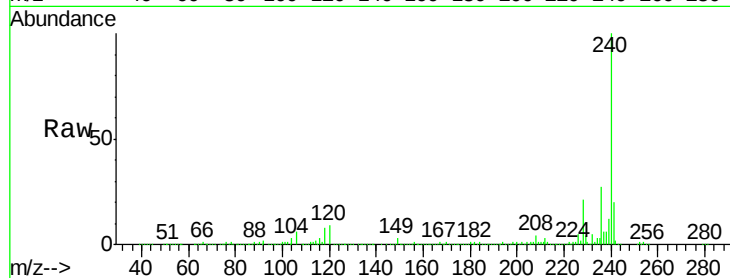
Tot Ion:240 Resp: 701312

Ion Ratio Lower Upper

240 100

120 9.0 16.2 24.2#

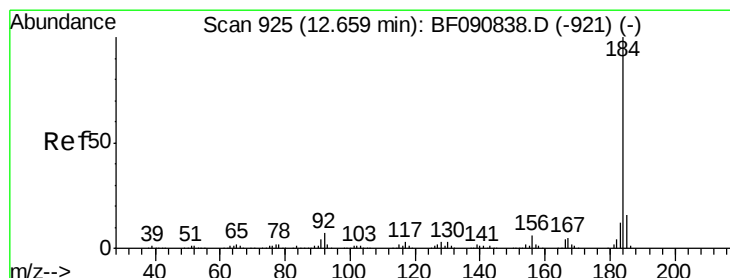
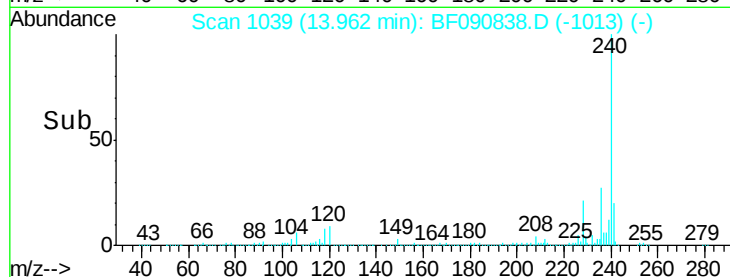
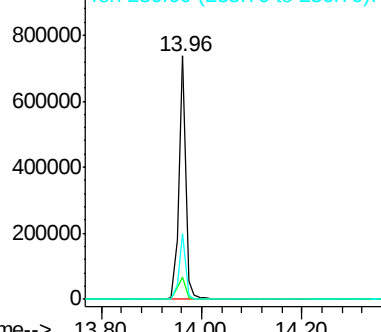
236 27.0 18.4 27.6



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: 39.87 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

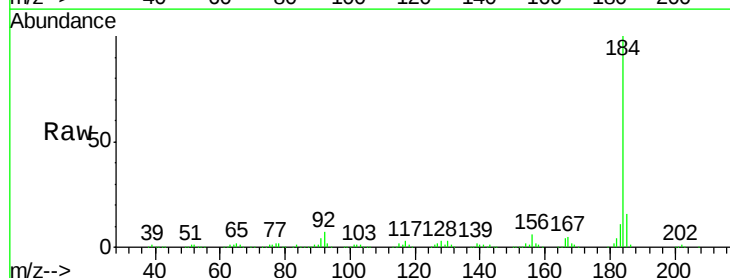
Tgt Ion:184 Resp: 620802

Ion Ratio Lower Upper

184 100

185 16.3 11.8 17.6

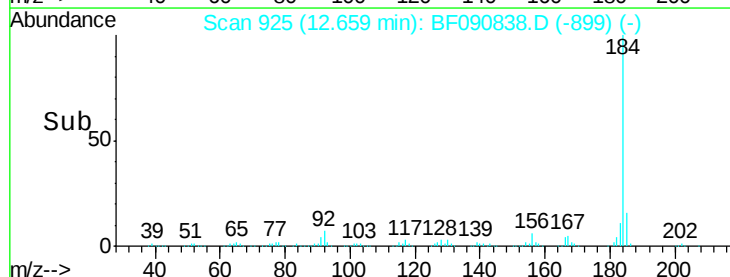
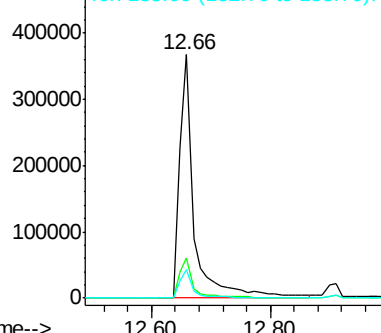
183 11.5 7.6 11.4#

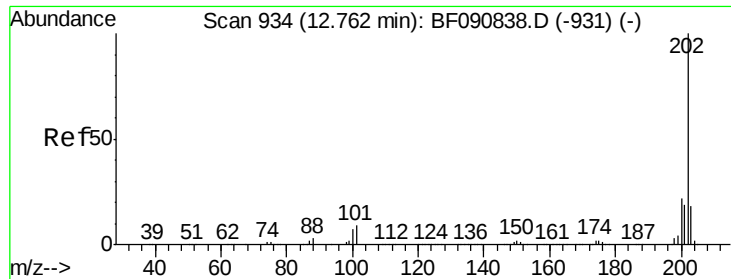


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

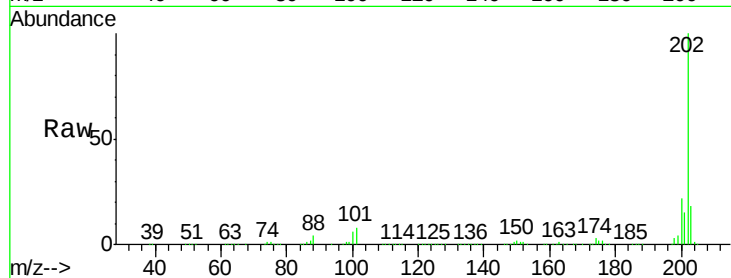




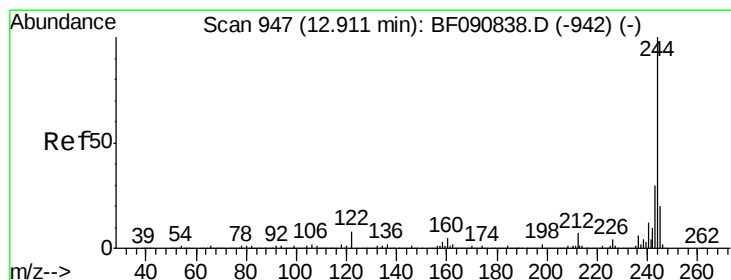
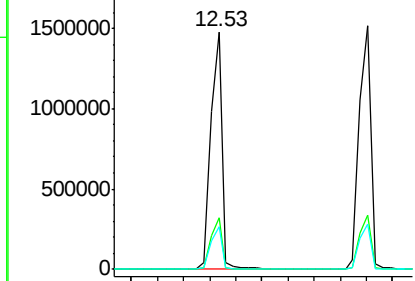
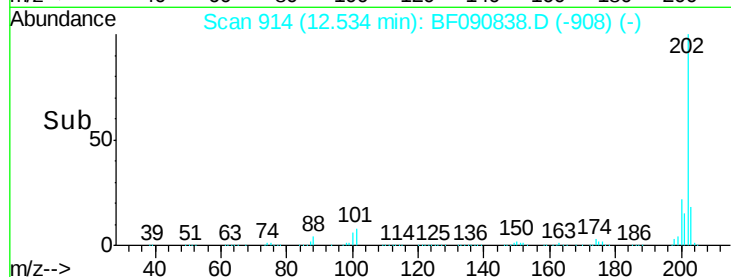
#77
 Pvrene
 Concen: 36.82 ng
 RT: 12.53 min Scan# 914
 Delta R.T. -0.23 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1803399
 Ion Ratio Lower Upper
 202 100
 200 21.8 15.0 22.4
 203 18.1 14.1 21.1

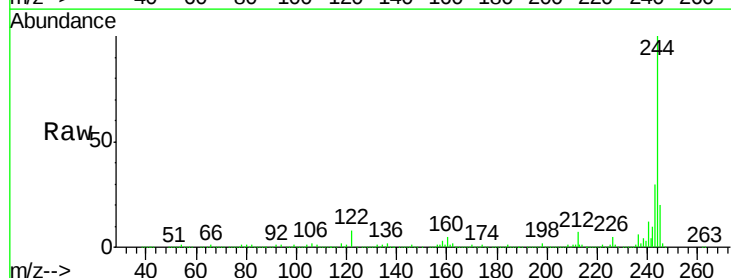


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

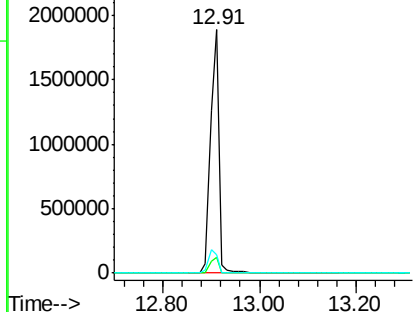
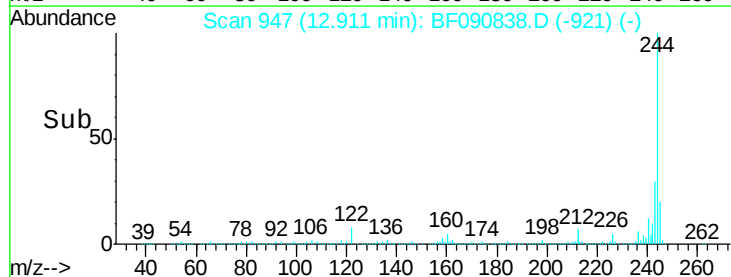


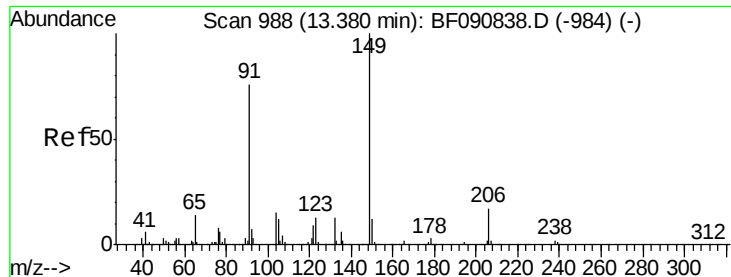
#78
 Terphenyl-d14
 Concen: 76.11 ng
 RT: 12.91 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion:244 Resp: 2329065
 Ion Ratio Lower Upper
 244 100
 212 6.7 4.3 6.5#
 122 7.8 17.4 26.2#



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





#79

Butylbenzylphthalate

Concen: 34.49 ng

RT: 13.38 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

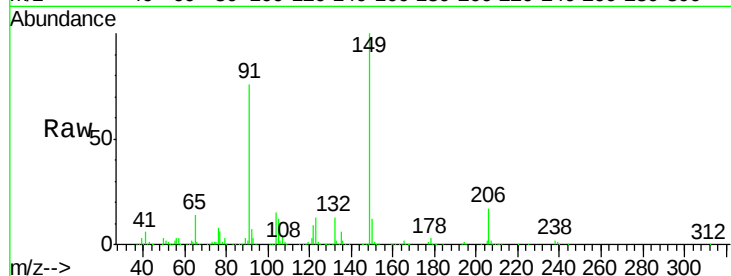
Tot Ion:149 Resp: 776644

Ion Ratio Lower Upper

149 100

91 75.7 48.6 72.8#

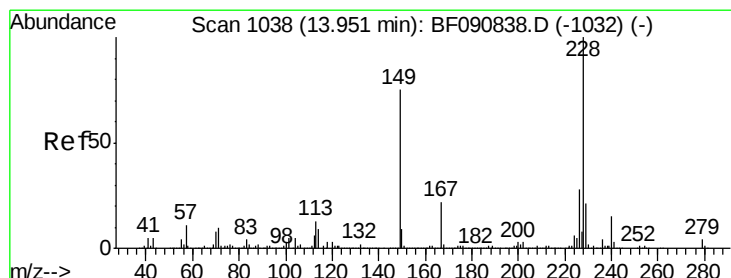
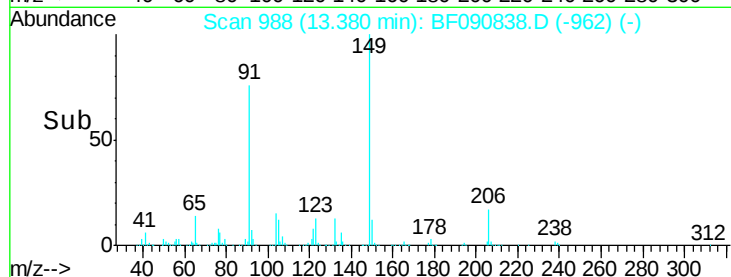
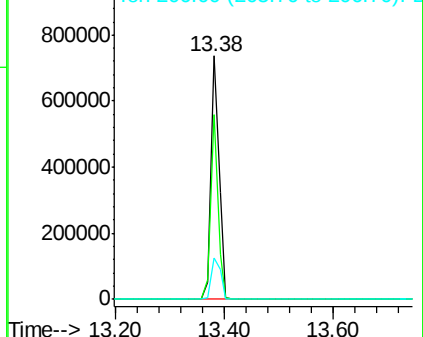
206 16.9 14.9 22.3



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: 37.61 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

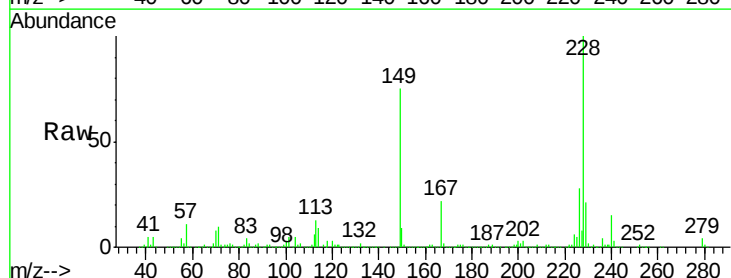
Tgt Ion:228 Resp: 1443266

Ion Ratio Lower Upper

228 100

226 28.2 20.0 30.0

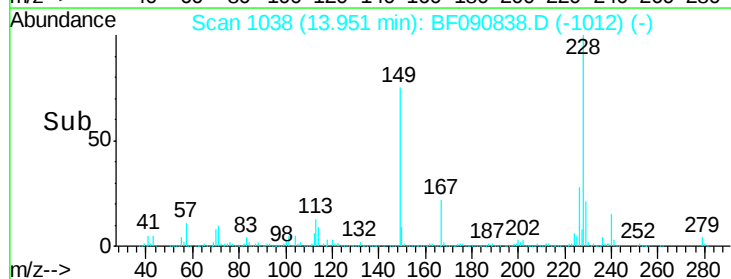
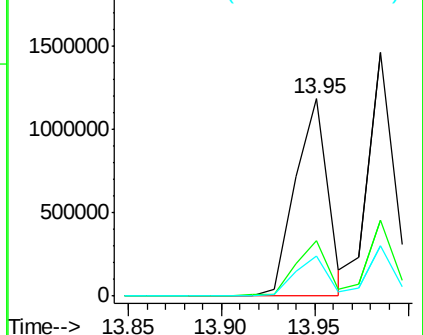
229 20.6 15.4 23.2

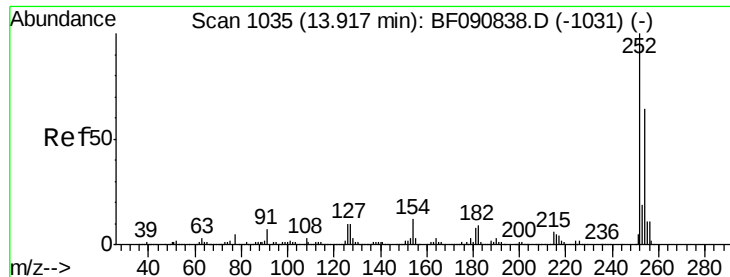


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

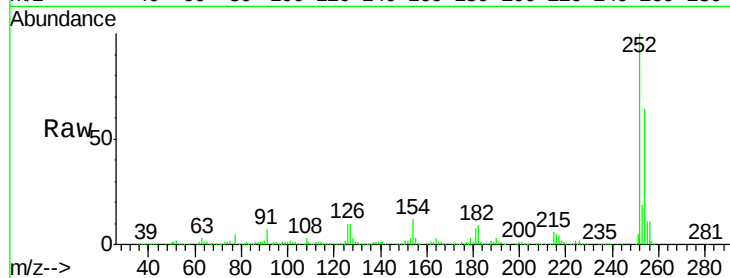




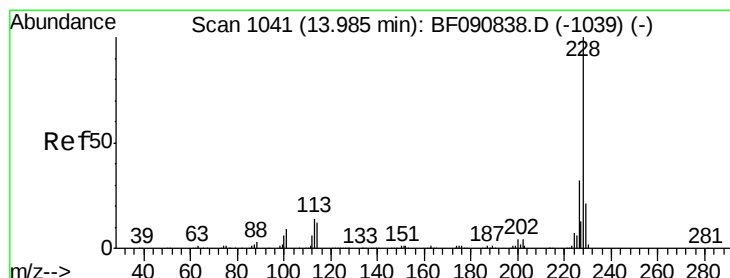
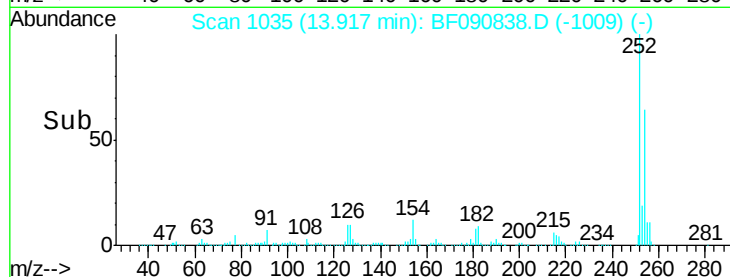
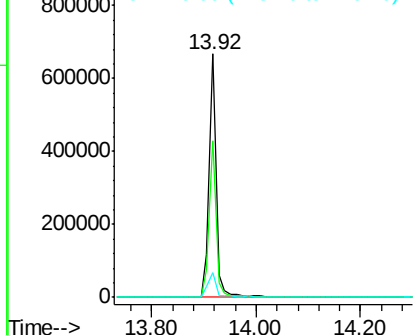
#81
 3,3'-Dichlorobenzidine
 Concen: 47.09 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 626276
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.4 77.2
 126 10.2 16.4 24.6#

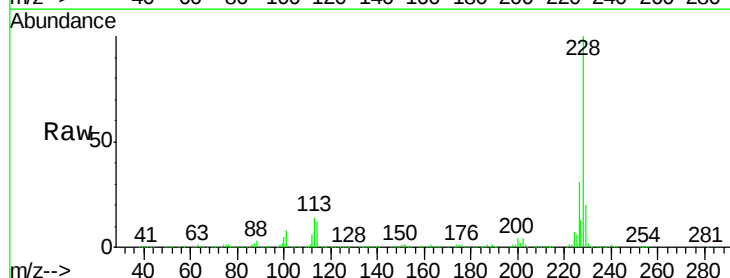


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

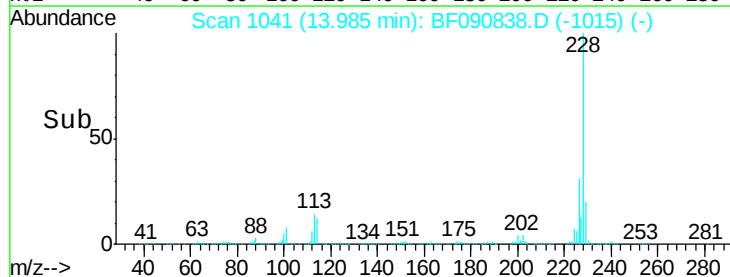
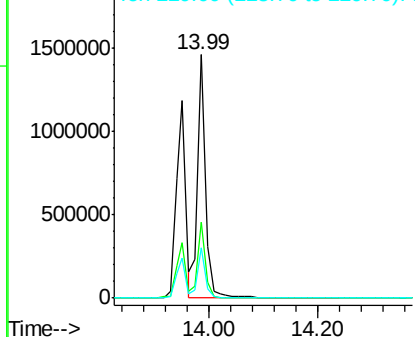


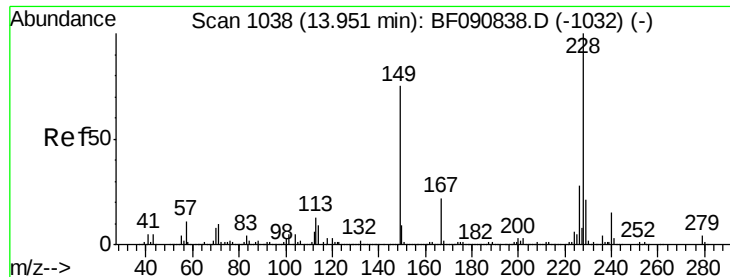
#82
 Chrysene
 Concen: 39.13 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion:228 Resp: 1465839
 Ion Ratio Lower Upper
 228 100
 226 31.4 21.0 31.4
 229 20.5 15.6 23.4



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

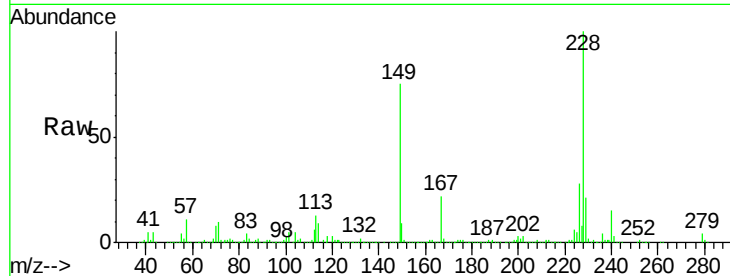




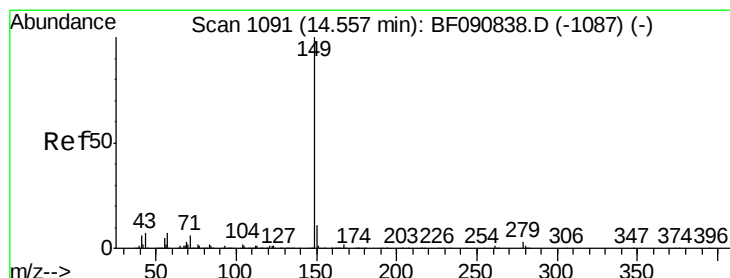
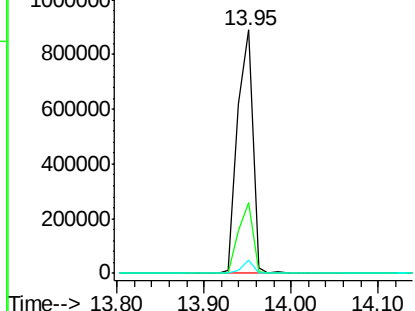
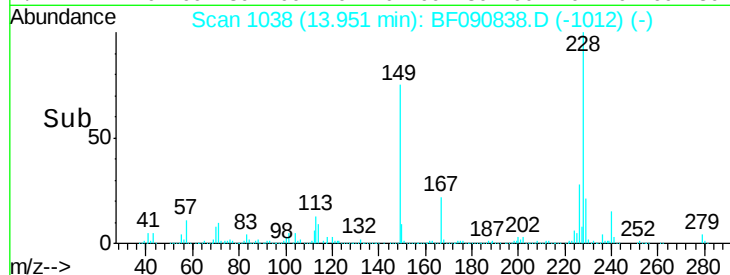
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.16 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 1068299
 Ion Ratio Lower Upper
 149 100
 167 29.2 24.2 36.2
 279 5.3 3.8 5.6

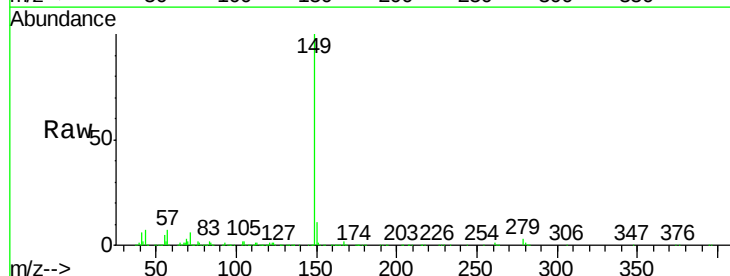


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

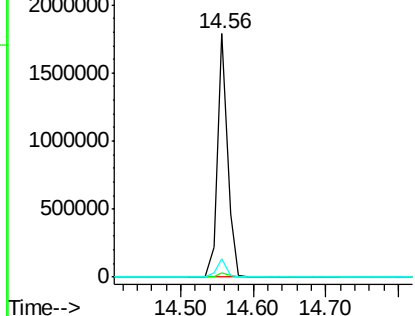
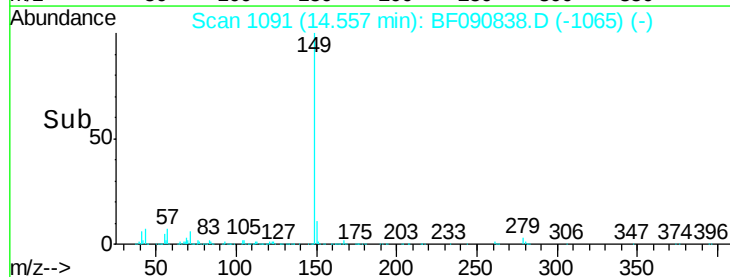


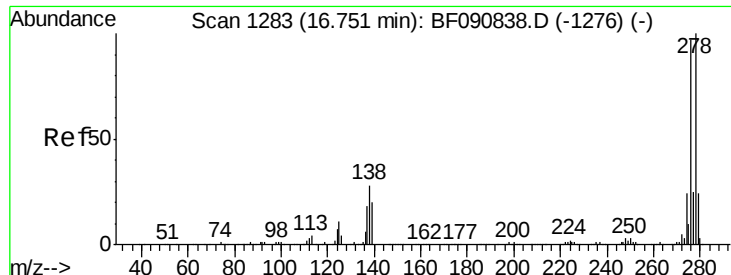
#84
 Di-n-octyl phthalate
 Concen: 35.11 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion:149 Resp: 1716269
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.0 1.6#
 43 7.2 10.2 15.2#



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

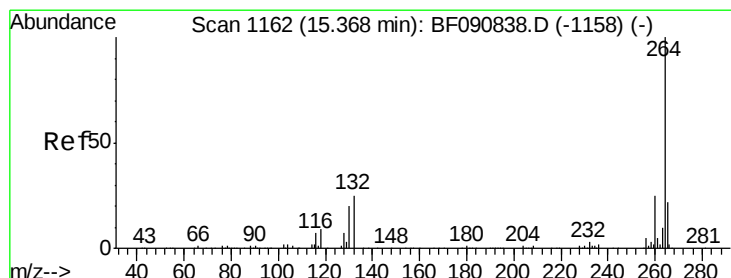
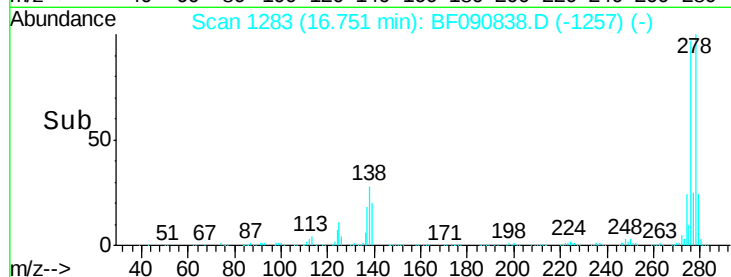
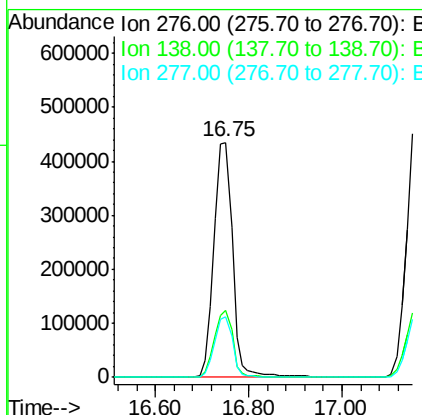
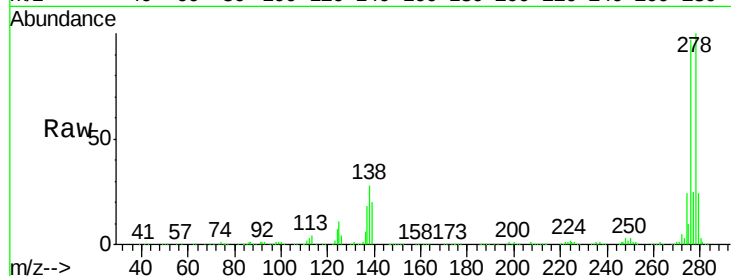




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.31 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

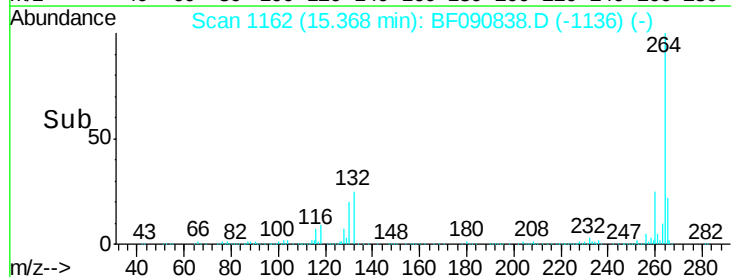
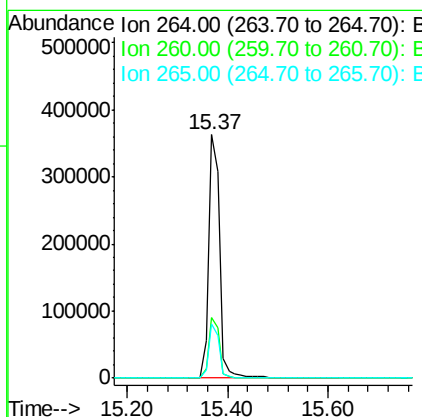
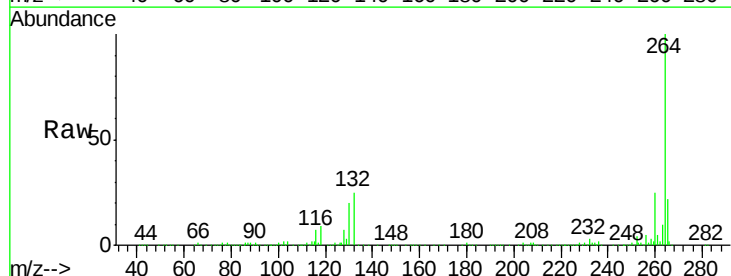
Instrument :
 BNA_F
 ClientSampleId :

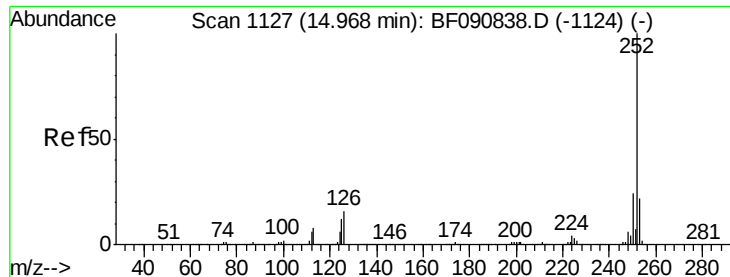
Tot Ion:276 Resp: 1219394
 Ion Ratio Lower Upper
 276 100
 138 28.4 25.7 38.5
 277 25.4 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion:264 Resp: 548455
 Ion Ratio Lower Upper
 264 100
 260 24.9 16.7 25.1
 265 22.1 17.2 25.8

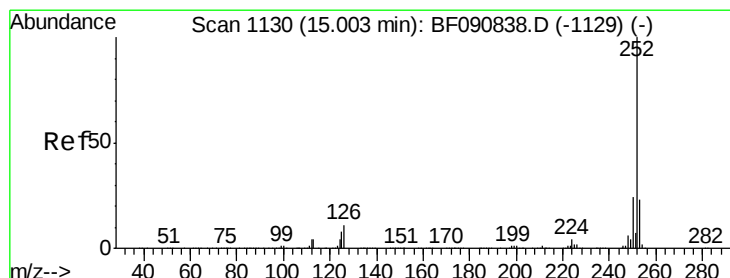
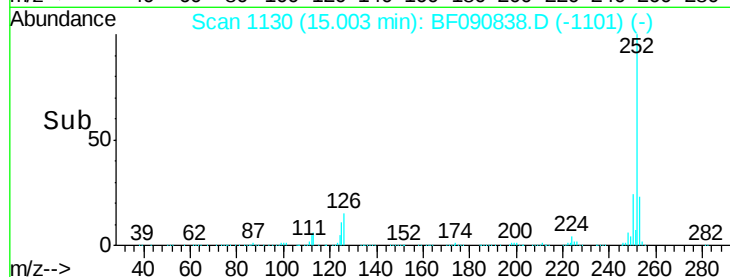
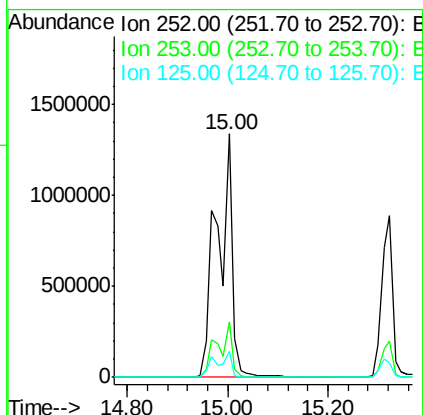
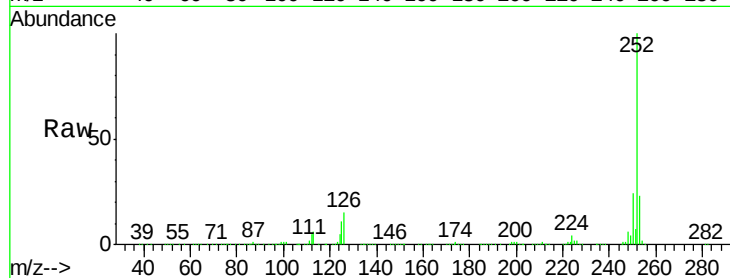




#87
Benzo(b)fluoranthene
Concen: 84.68 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.03 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

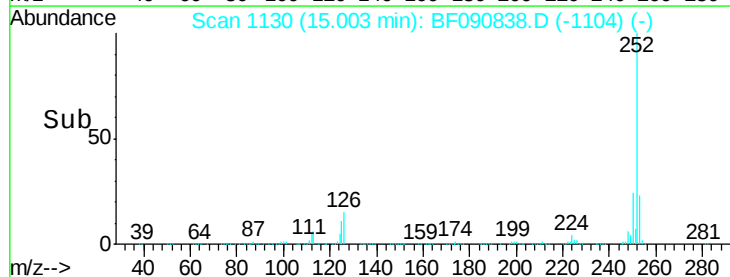
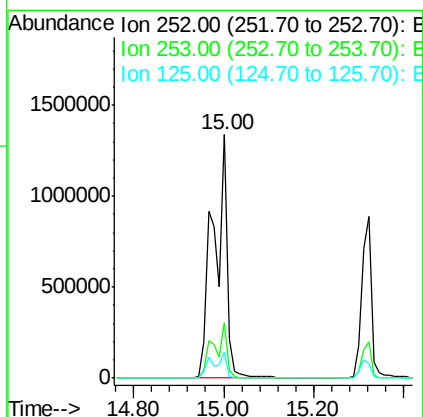
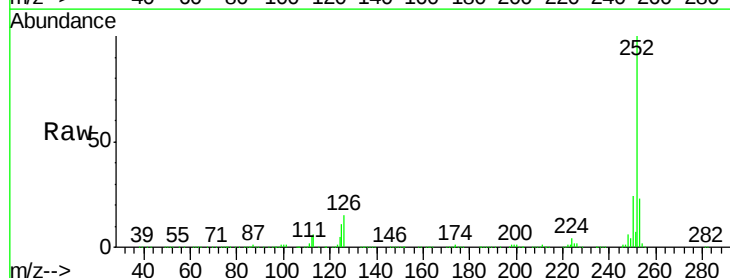
Instrument :
BNA_F
ClientSampleId :

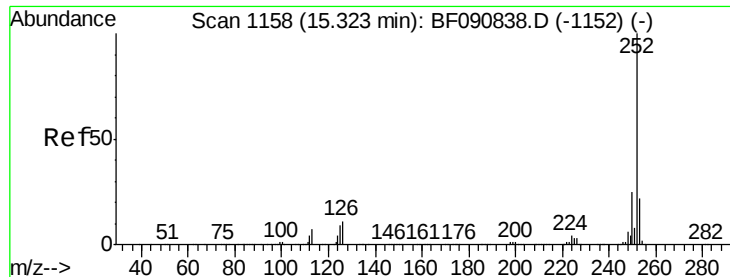
Tot Ion:252 Resp: 2855919
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 10.5 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 84.38 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion:252 Resp: 2859718
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.4
125 10.5 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 42.35 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

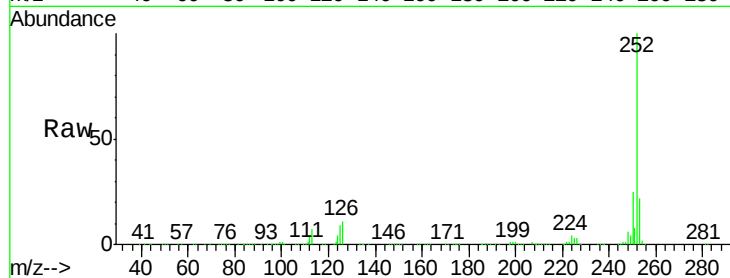
Tot Ion:252 Resp: 1339985

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

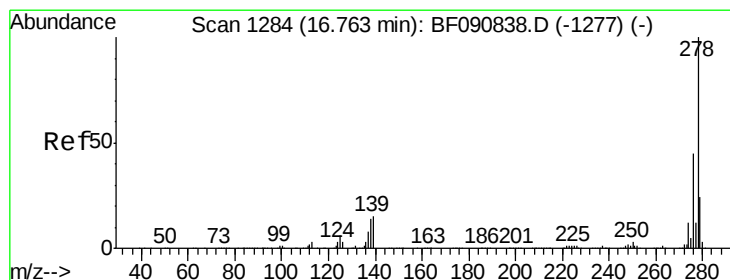
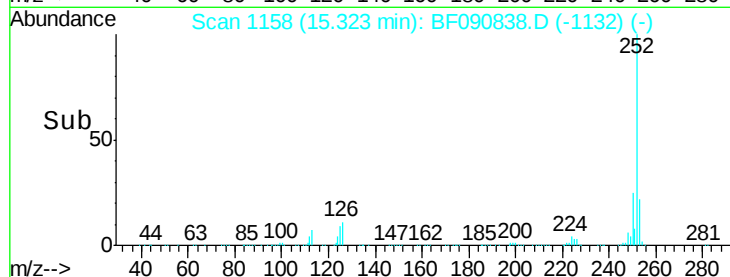
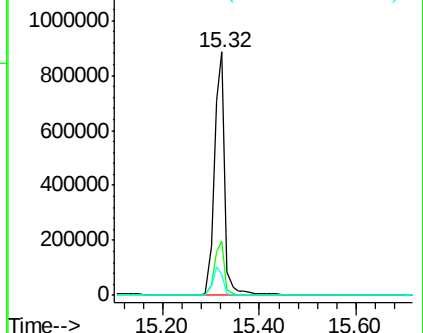
125 8.8 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.58 ng

RT: 16.76 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

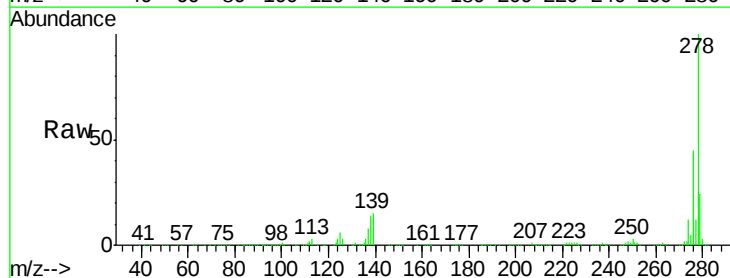
Tgt Ion:278 Resp: 1081004

Ion Ratio Lower Upper

278 100

139 15.3 26.3 39.5#

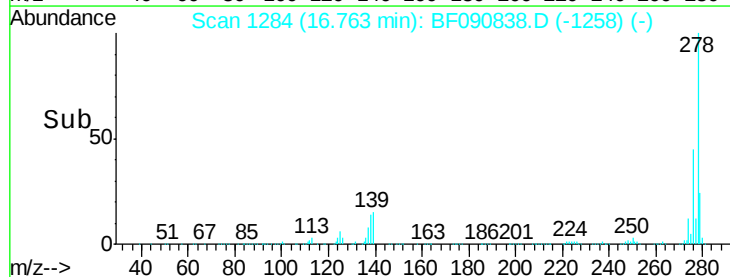
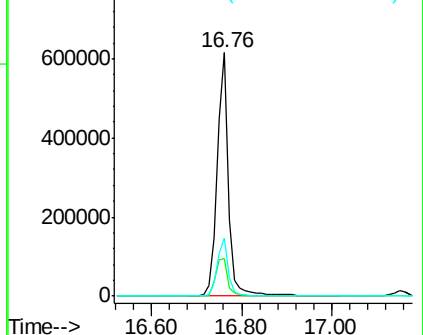
279 23.8 18.2 27.4

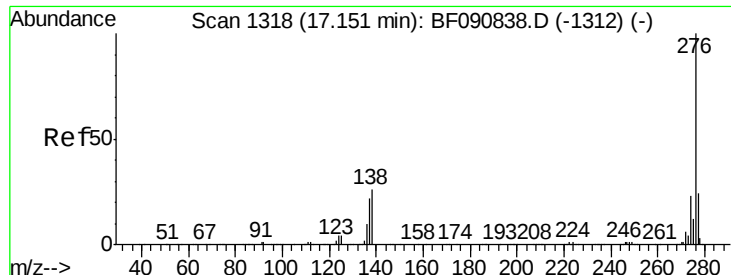


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 33.73 ng
 RT: 17.15 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.8	26.6
138	26.2	34.6	51.8

