

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099549.D
 Acq On : 16 Oct 2017 17:34
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 19:15:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	117319	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	491370	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	226063	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	399870	20.00	ng	0.00
75) Chrysene-d12	14.02	240	295617	20.00	ng	0.00
86) Perylene-d12	15.49	264	263521	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	603525	81.89	ng	0.00
7) Phenol-d6	6.49	99	733164	80.64	ng	0.00
23) Nitrobenzene-d5	7.42	82	613486	80.07	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	159358	86.15	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1130656	83.50	ng	0.00
78) Terphenyl-d14	12.96	244	1062627	81.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	136799	38.859	ng	92
3) Pyridine	3.39	79	363331	38.151	ng	94
4) n-Nitrosodimethylamine	3.35	42	133828	33.139	ng	# 76
6) Aniline	6.52	93	475163	38.725	ng	98
8) 2-Chlorophenol	6.63	128	341823	40.957	ng	95
9) Benzaldehyde	6.40	77	173271	32.856	ng	90
10) Phenol	6.50	94	422897	41.592	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	315342	39.894	ng	95
12) 1,3-Dichlorobenzene	6.79	146	366748	41.960	ng	97
13) 1,4-Dichlorobenzene	6.86	146	371166	41.737	ng	98
14) 1,2-Dichlorobenzene	7.02	146	337552	41.079	ng	98
15) Benzyl Alcohol	6.99	79	235070	35.245	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	428730	34.813	ng	92
17) 2-Methylphenol	7.10	107	270433	39.601	ng	98
18) Hexachloroethane	7.35	117	127621	39.926	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	202361	34.863	ng	93
20) 3+4-Methylphenols	7.26	107	316400	36.625	ng	# 77
22) Acetophenone	7.26	105	435393	36.572	ng	# 98
24) Nitrobenzene	7.43	77	336988	38.772	ng	97
25) Isophorone	7.67	82	614898	38.816	ng	98
26) 2-Nitrophenol	7.75	139	194497	46.535	ng	# 87
27) 2,4-Dimethylphenol	7.79	122	299964	38.003	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	400154	40.534	ng	99
29) 2,4-Dichlorophenol	7.99	162	285480	42.125	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	286594	42.283	ng	100
31) Naphthalene	8.15	128	936668	40.587	ng	99
32) Benzoic acid	7.94	122	221006	34.086	ng	96
33) 4-Chloroaniline	8.20	127	393594	40.841	ng	96
34) Hexachlorobutadiene	8.26	225	144524	41.397	ng	99
35) Caprolactam	8.59	113	64964	29.884	ng	# 85
36) 4-Chloro-3-methylphenol	8.69	107	304993	40.040	ng	93
37) 2-Methylnaphthalene	8.84	142	614198	40.940	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	285770	42.388	ng	99
40) Hexachlorocyclopentadiene	8.99	237	157469	51.110	ng	98

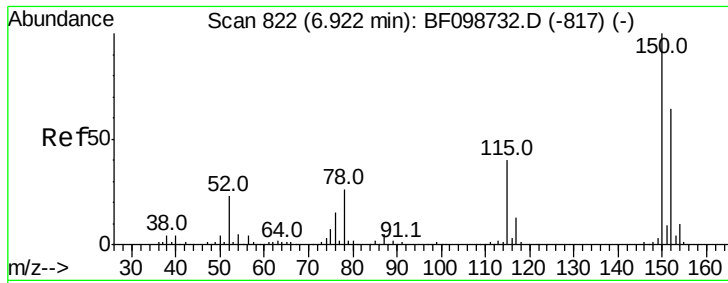
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099549.D
 Acq On : 16 Oct 2017 17:34
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 19:15:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	189452	39.666	ng	98
43) 2,4,5-Trichlorophenol	9.17	196	191596	40.186	ng	95
45) 1,1'-Biphenyl	9.31	154	794953	40.916	ng	98
46) 2-Chloronaphthalene	9.33	162	599741	41.113	ng	98
47) 2-Nitroaniline	9.43	65	173671	38.881	ng	98
48) Acenaphthylene	9.75	152	890373	39.872	ng	99
49) Dimethylphthalate	9.61	163	715139	41.914	ng	99
50) 2,6-Dinitrotoluene	9.68	165	160732	43.271	ng	# 79
51) Acenaphthene	9.92	154	529791	37.453	ng	99
52) 3-Nitroaniline	9.85	138	184044	42.493	ng	91
53) 2,4-Dinitrophenol	9.96	184	64301	36.655	ng	93
54) Dibenzofuran	10.09	168	739467	39.262	ng	100
55) 4-Nitrophenol	10.02	139	150461	41.084	ng	88
56) 2,4-Dinitrotoluene	10.09	165	194887	40.427	ng	# 94
57) Fluorene	10.43	166	628510	41.518	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	131252	39.851	ng	96
59) Diethylphthalate	10.30	149	670091	40.193	ng	98
60) 4-Chlorophenyl-phenylether	10.42	204	284650	41.860	ng	97
61) 4-Nitroaniline	10.47	138	185875	44.484	ng	89
62) Azobenzene	10.59	77	577386	37.665	ng	91
64) 4,6-Dinitro-2-methylphenol	10.50	198	109993	45.210	ng	81
65) n-Nitrosodiphenylamine	10.54	169	562632	40.615	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	166305	42.489	ng	# 90
67) Hexachlorobenzene	10.99	284	178096	42.603	ng	92
68) Atrazine	11.07	200	173688	41.673	ng	98
69) Pentachlorophenol	11.18	266	88747	34.111	ng	98
70) Phenanthrene	11.40	178	875981	40.926	ng	99
71) Anthracene	11.45	178	889386	40.611	ng	100
72) Carbazole	11.61	167	868680	40.505	ng	99
73) Di-n-butylphthalate	11.93	149	1067709	41.361	ng	98
74) Fluoranthene	12.59	202	884635	40.816	ng	98
76) Benzidine	12.71	184	454135	41.535	ng	99
77) Pyrene	12.82	202	905470	40.168	ng	99
79) Butylbenzylphthalate	13.43	149	451764	42.643	ng	91
80) Benzo(a)anthracene	14.01	228	741878	41.445	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	266644	40.634	ng	99
82) Chrysene	14.05	228	704351	41.330	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	602039	41.271	ng	99
84) Di-n-octyl phthalate	14.59	149	1063140	45.261	ng	95
85) Indeno(1,2,3-cd)pyrene	16.99	276	592381	43.453	ng	96
87) Benzo(b)fluoranthene	15.06	252	642085	39.629	ng	97
88) Benzo(k)fluoranthene	15.09	252	644143	40.251	ng	99
89) Benzo(a)pyrene	15.43	252	609022	40.949	ng	98
90) Dibenzo(a,h)anthracene	16.99	278	480170	40.342	ng	97
91) Benzo(g,h,i)perylene	17.43	276	491789	41.800	ng	94

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

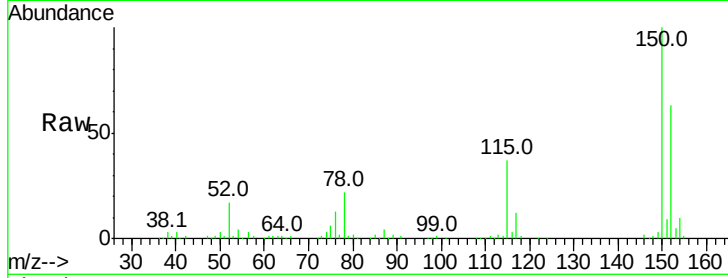


#1

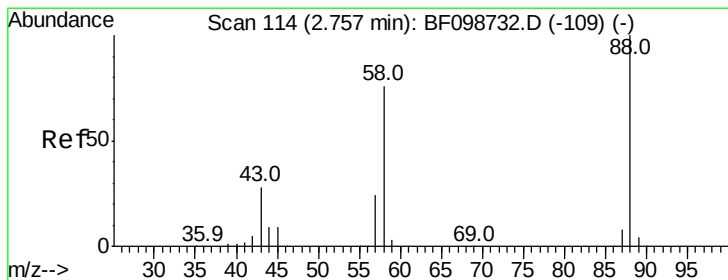
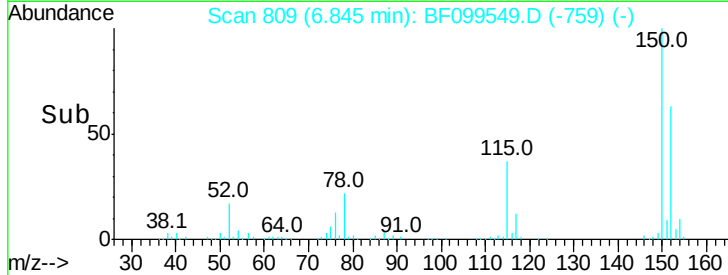
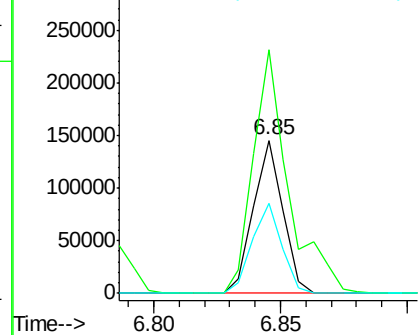
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099549.D
Acq: 16 Oct 2017 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117319
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 59.1 50.1 75.1



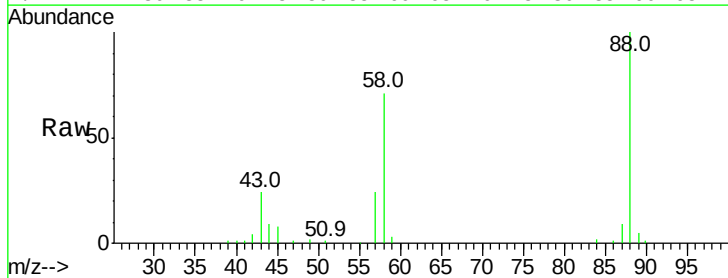
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



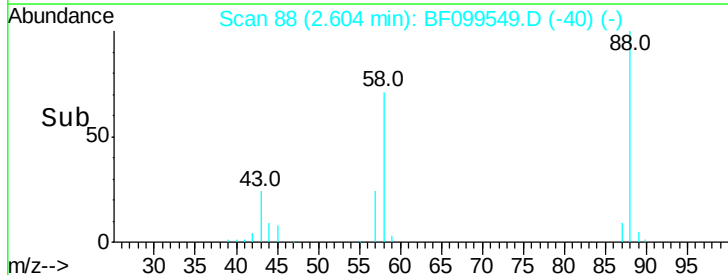
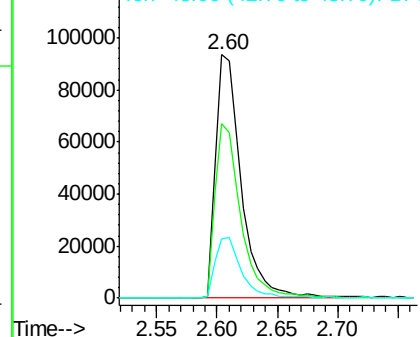
#2

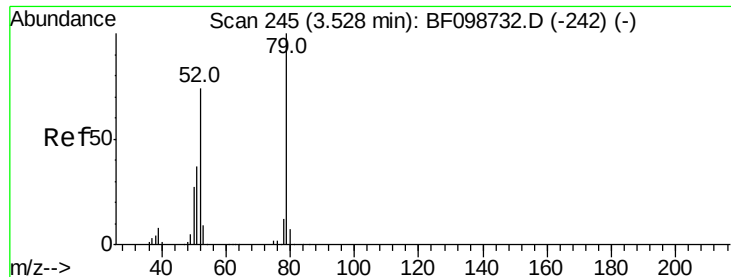
1,4-Dioxane
Concen: 38.859 ng
RT: 2.60 min Scan# 88
Delta R.T. -0.02 min
Lab File: BF099549.D
Acq: 16 Oct 2017 17:34

Tgt Ion: 88 Resp: 136799
Ion Ratio Lower Upper
88 100
58 71.6 62.6 93.8
43 25.7 24.6 37.0



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: 38.151 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Instrument :

BNA_F

ClientSampleId :

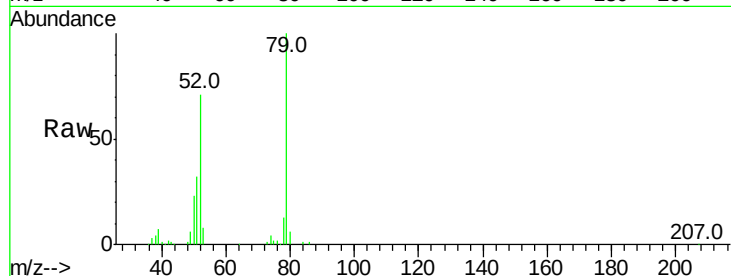
Tot Ion: 79 Resp: 363331

Ion Ratio Lower Upper

79 100

52 70.5 59.8 89.6

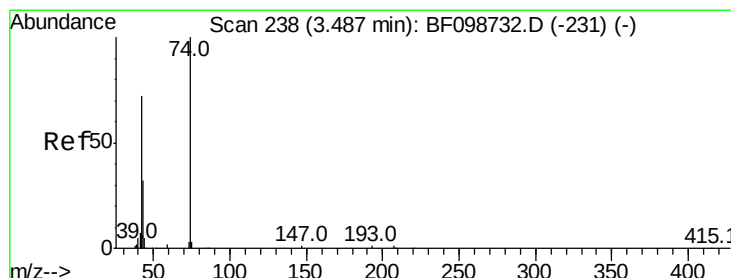
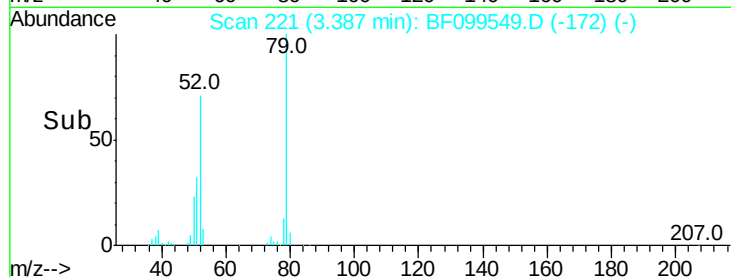
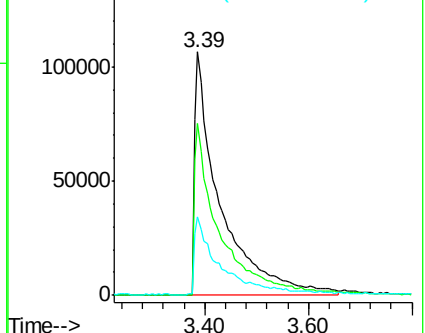
51 32.4 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.139 ng

RT: 3.35 min Scan# 214

Delta R.T. -0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

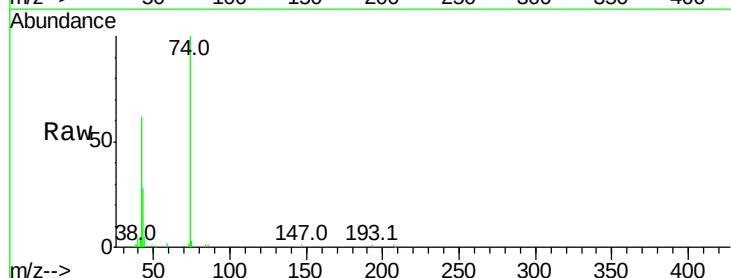
Tgt Ion: 42 Resp: 133828

Ion Ratio Lower Upper

42 100

74 160.8 104.9 157.3#

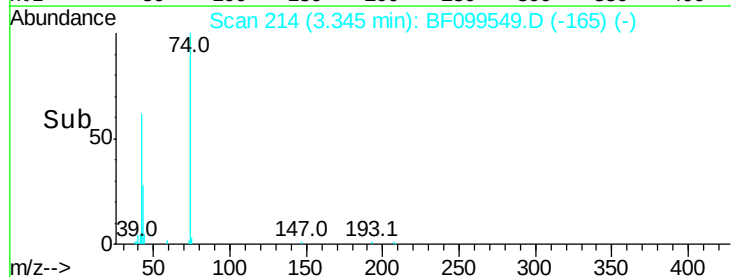
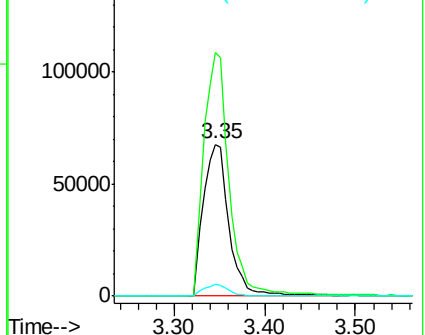
44 8.1 6.9 10.3

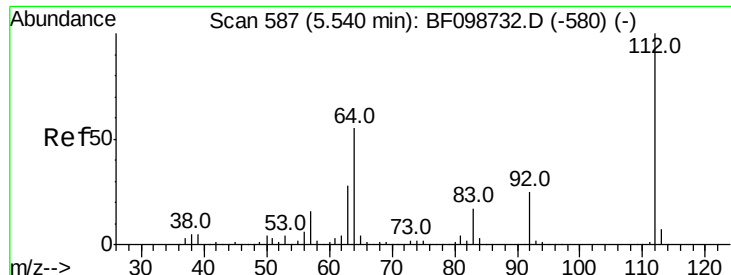


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 81.892 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Instrument :

BNA_F

ClientSampled :

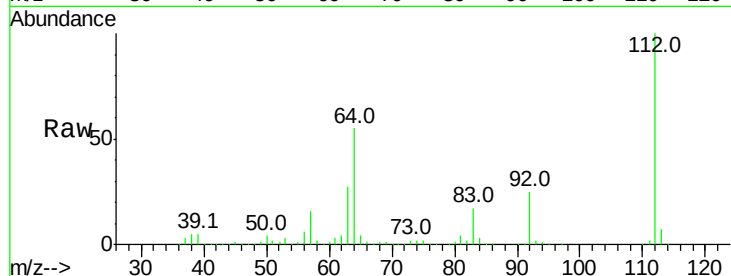
Tot Ion:112 Resp: 603525

Ion Ratio Lower Upper

112 100

64 55.2 47.9 71.9

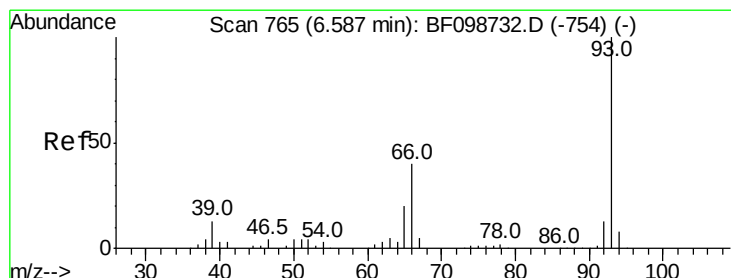
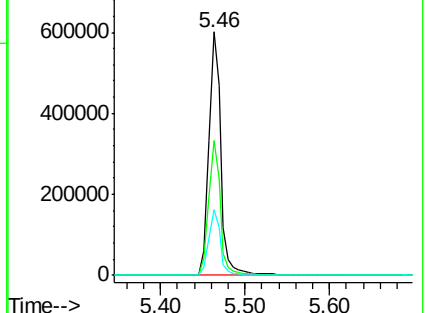
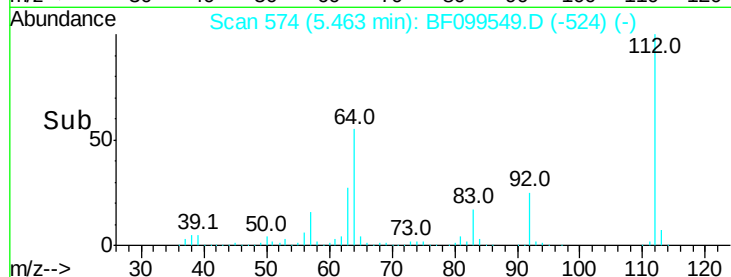
63 27.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.725 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

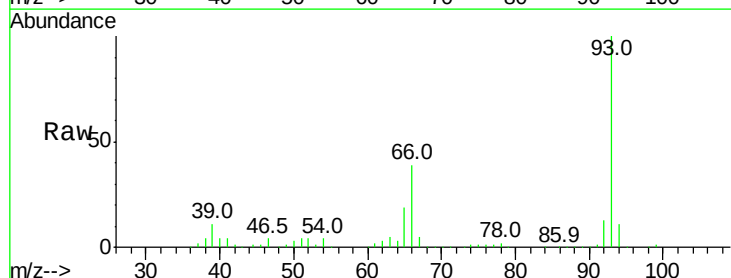
Tgt Ion: 93 Resp: 475163

Ion Ratio Lower Upper

93 100

66 39.4 32.2 48.2

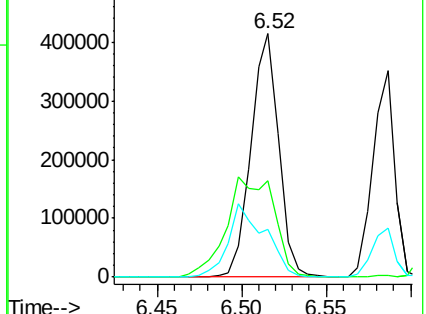
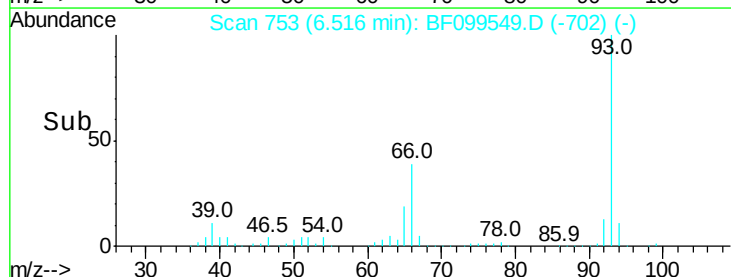
65 19.5 16.4 24.6

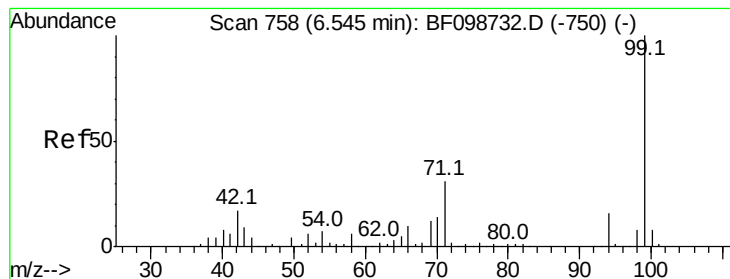


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.644 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Instrument :

BNA_F

ClientSampleId :

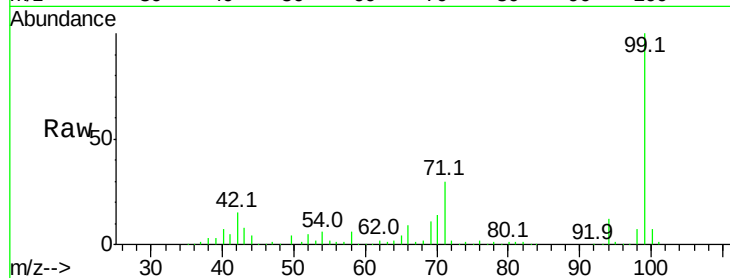
Tot Ion: 99 Resp: 733164

Ion Ratio Lower Upper

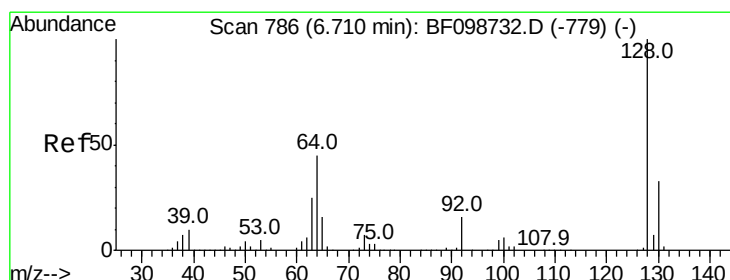
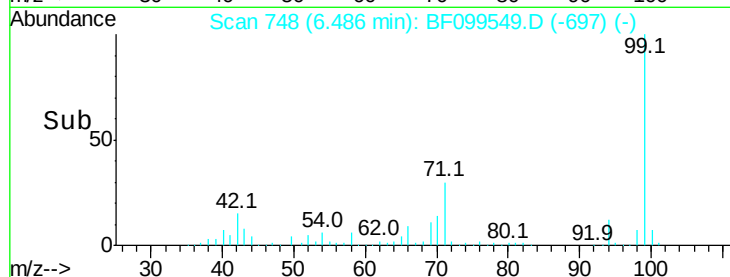
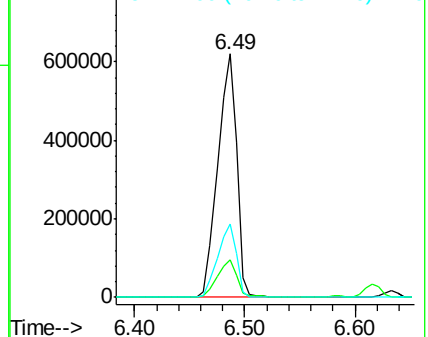
99 100

42 15.2 14.5 21.7

71 30.4 25.4 38.0



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: 40.957 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

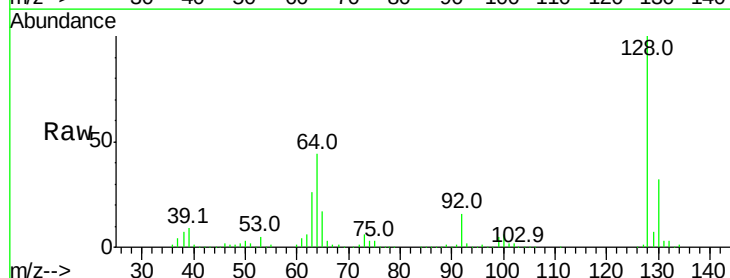
Tgt Ion: 128 Resp: 341823

Ion Ratio Lower Upper

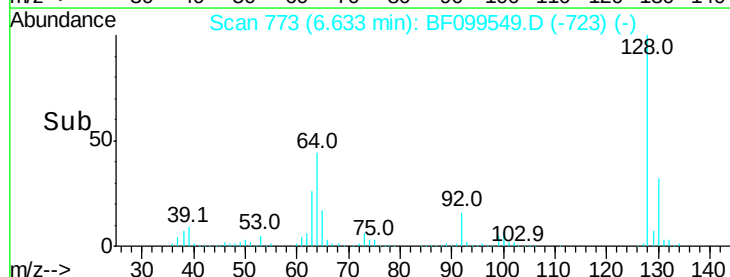
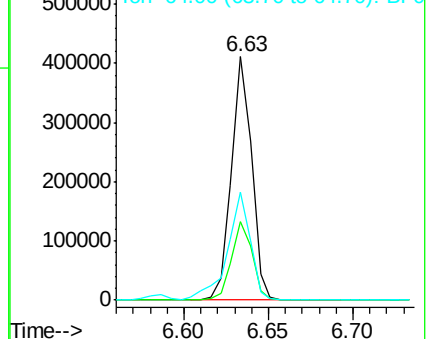
128 100

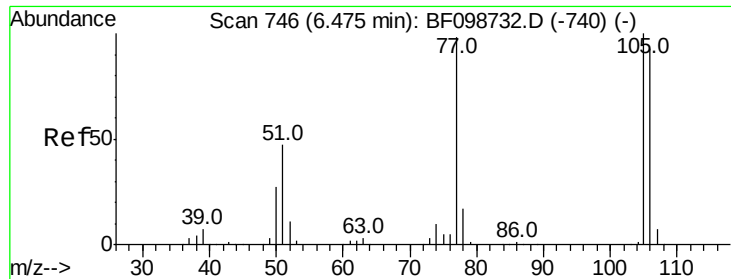
130 32.3 13.0 53.0

64 44.3 29.4 69.4



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

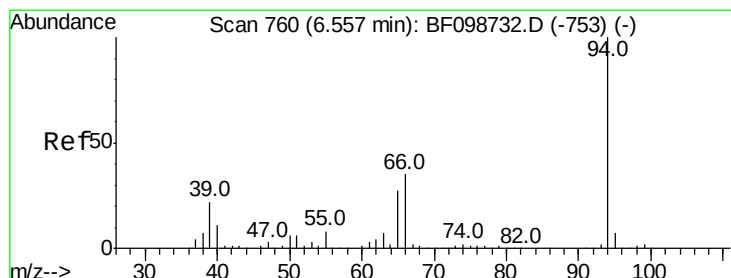
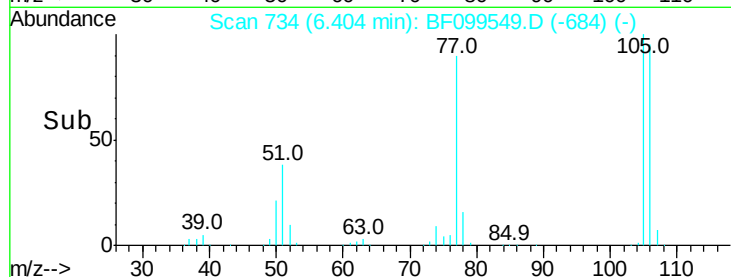
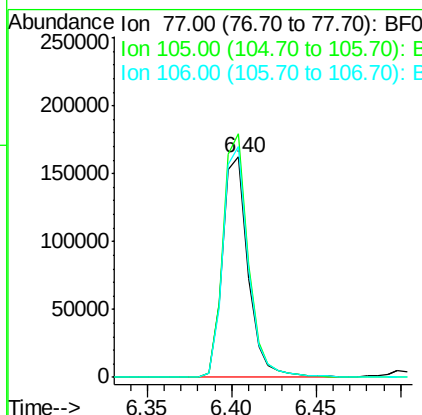
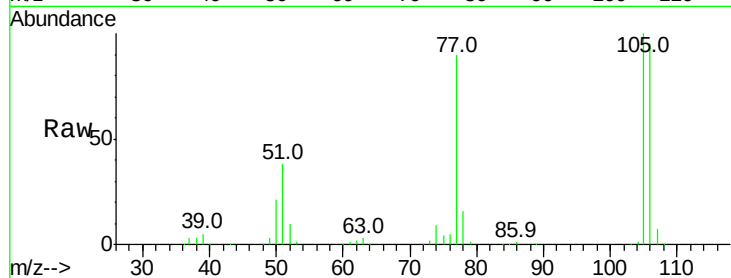




#9
Benzaldehyde
Concen: 32.856 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF099549.D
Acq: 16 Oct 2017 17:34

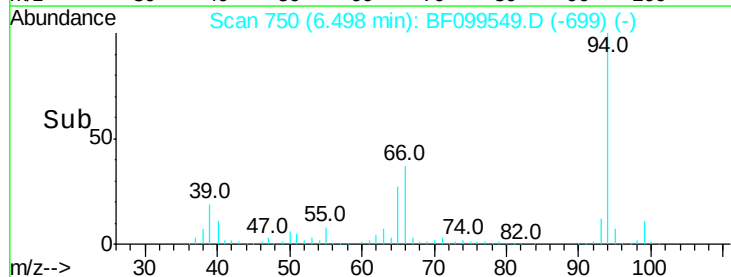
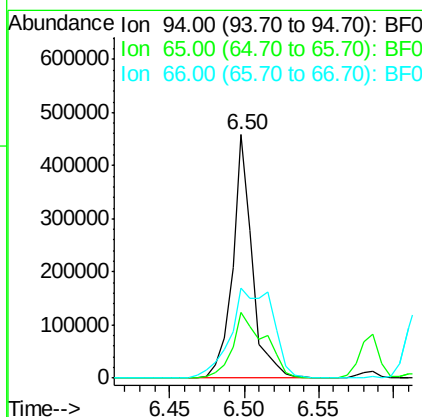
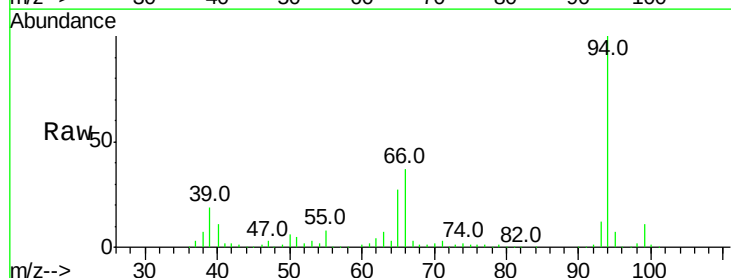
Instrument :
BNA_F
ClientSampled :

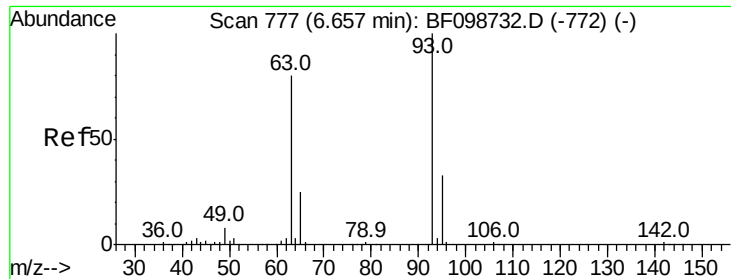
Tot Ion: 77 Resp: 173271
Ion Ratio Lower Upper
77 100
105 110.7 81.1 121.1
106 105.1 74.5 114.5



#10
Phenol
Concen: 41.592 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF099549.D
Acq: 16 Oct 2017 17:34

Tgt Ion: 94 Resp: 422897
Ion Ratio Lower Upper
94 100
65 27.1 7.9 47.9
66 37.2 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.894 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Instrument :

BNA_F

ClientSampled :

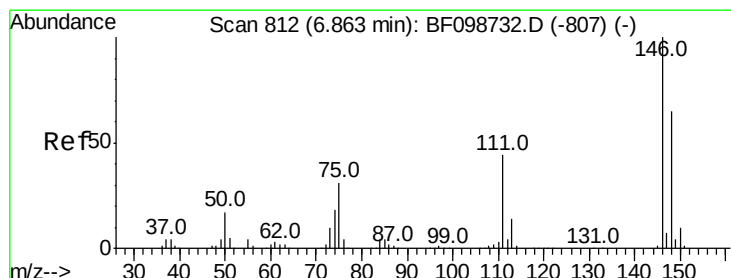
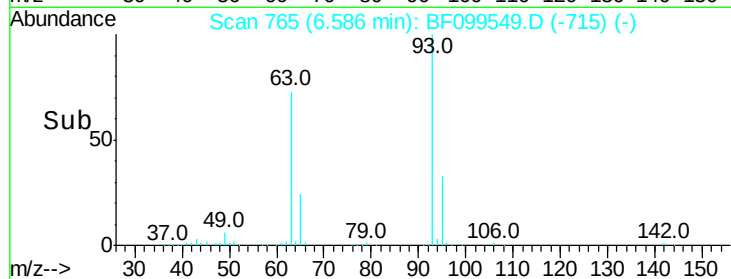
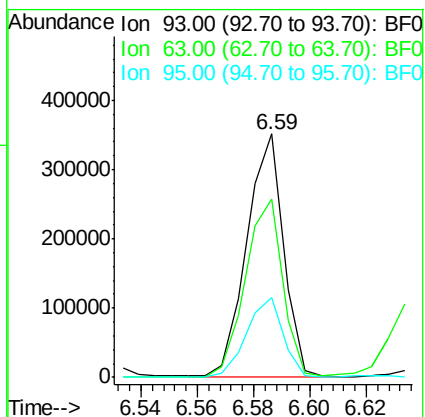
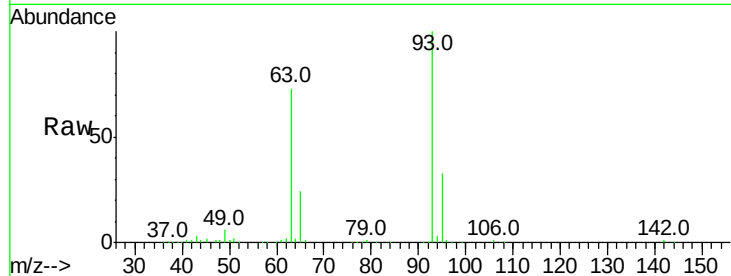
Tot Ion: 93 Resp: 315342

Ion Ratio Lower Upper

93 100

63 73.4 58.6 98.6

95 32.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 41.960 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

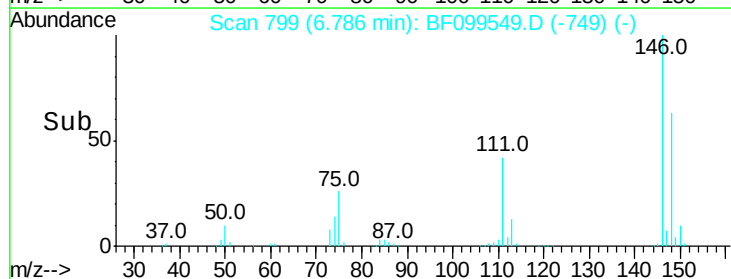
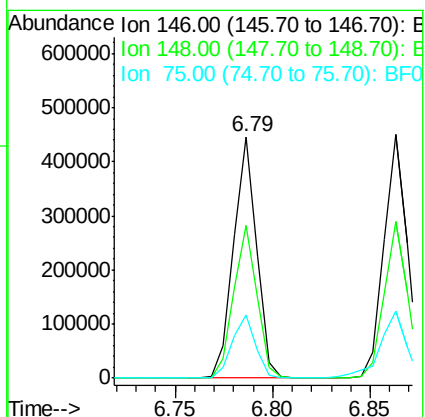
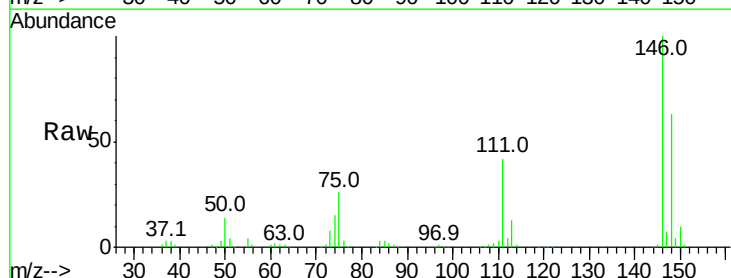
Tgt Ion: 146 Resp: 366748

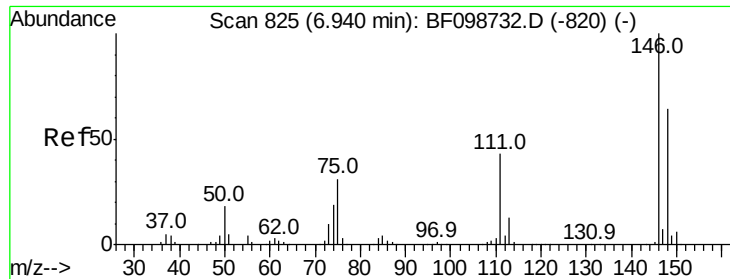
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.8

75 26.3 24.2 36.4

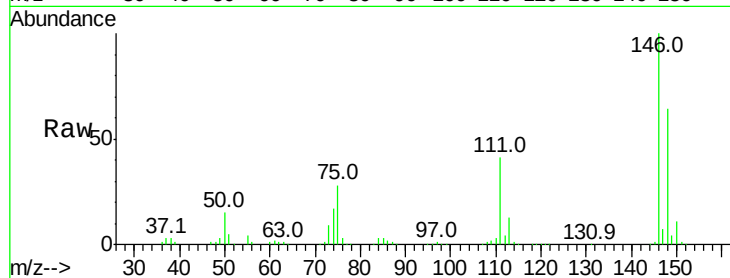




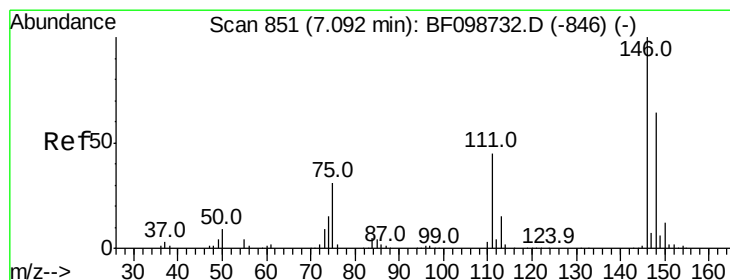
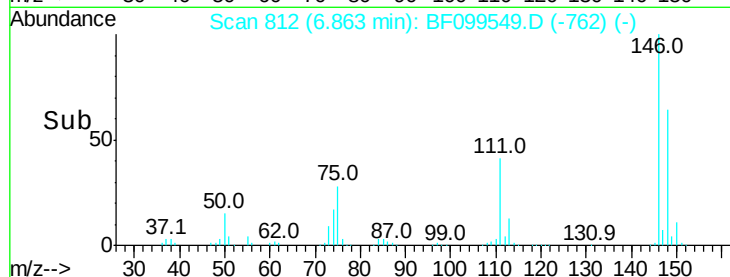
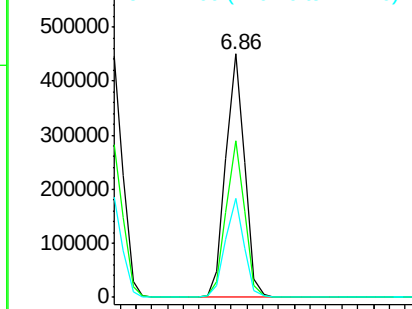
#13
 1,4-Dichlorobenzene
 Concen: 41.737 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 371166
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 40.5 34.2 51.2

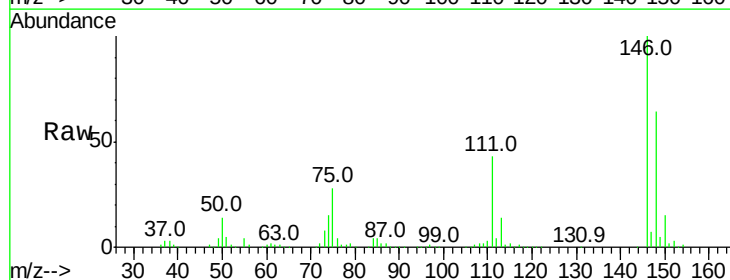


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

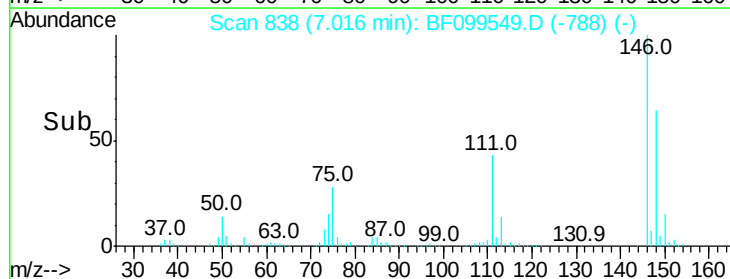
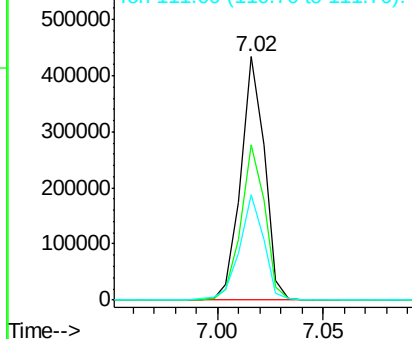


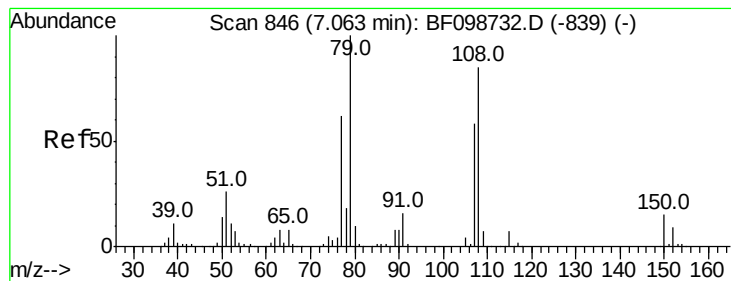
#14
 1,2-Dichlorobenzene
 Concen: 41.079 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

Tgt Ion:146 Resp: 337552
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 43.1 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 35.245 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Instrument :

BNA_F

ClientSampled :

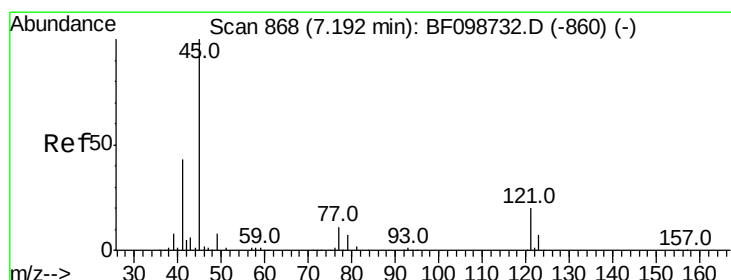
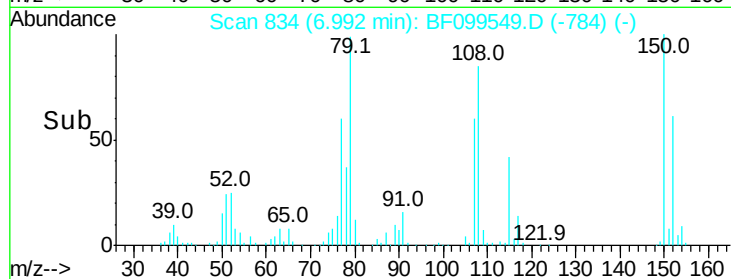
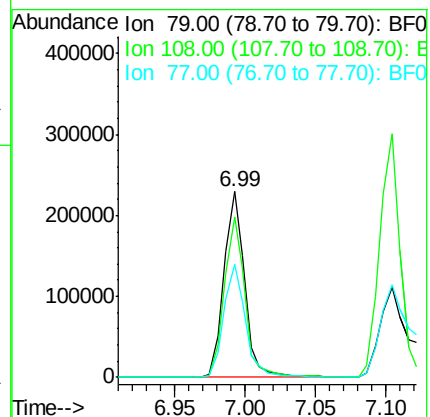
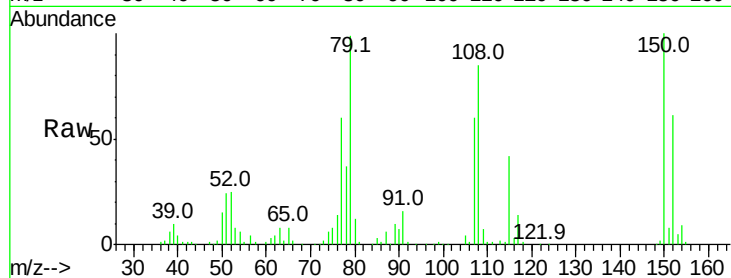
Tot Ion: 79 Resp: 235070

Ion Ratio Lower Upper

79 100

108 86.5 65.1 97.7

77 60.6 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.813 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

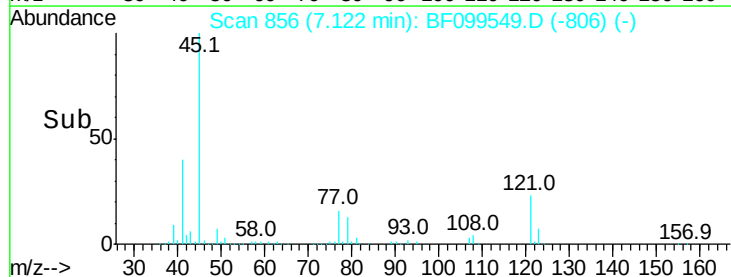
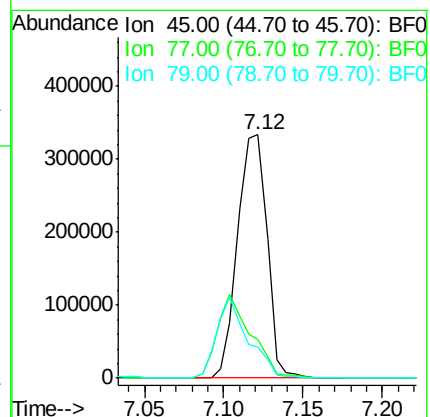
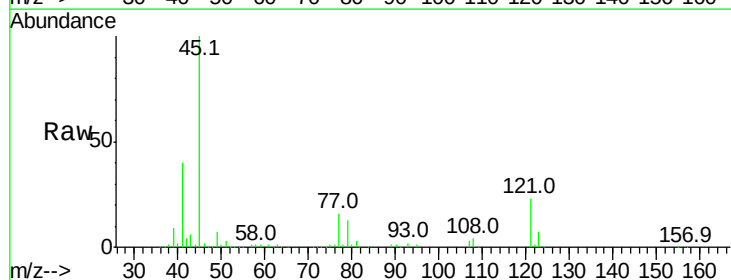
Tgt Ion: 45 Resp: 428730

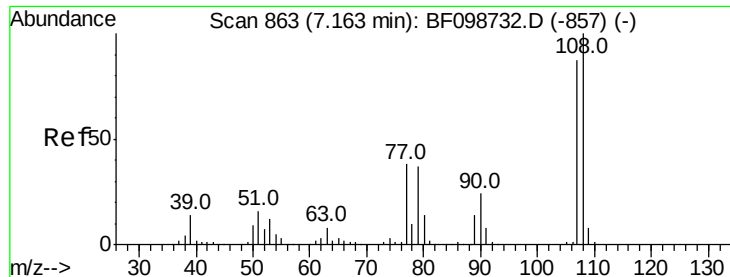
Ion Ratio Lower Upper

45 100

77 16.0 0.0 32.9

79 12.7 0.0 29.6





#17

2-Methylphenol

Concen: 39.601 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 270433

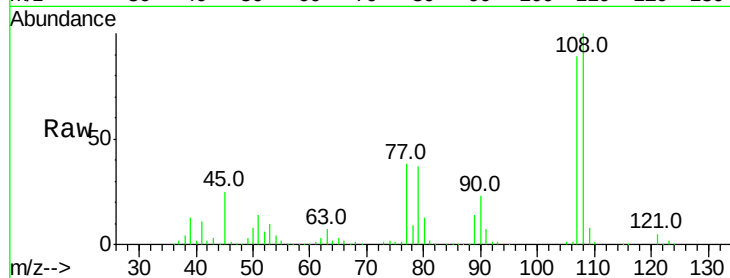
Ion Ratio Lower Upper

107 100

108 112.4 91.7 137.5

77 42.9 33.8 50.8

79 41.5 33.8 50.8

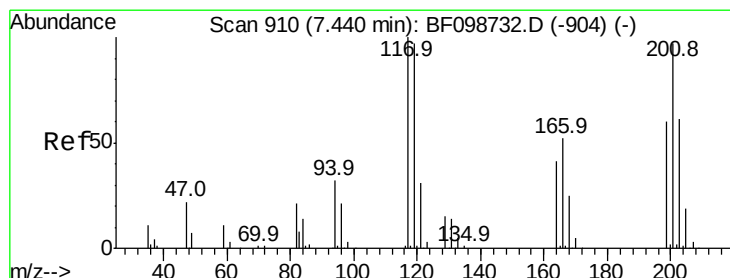
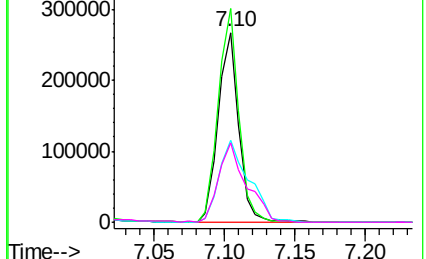
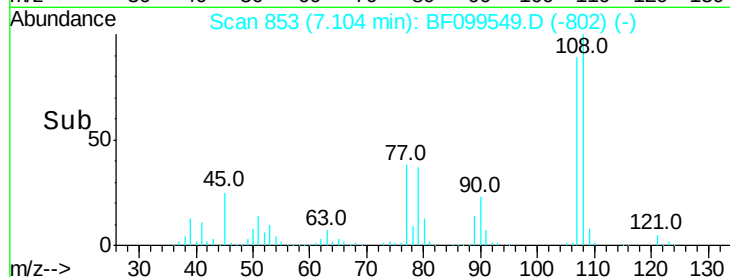


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.926 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

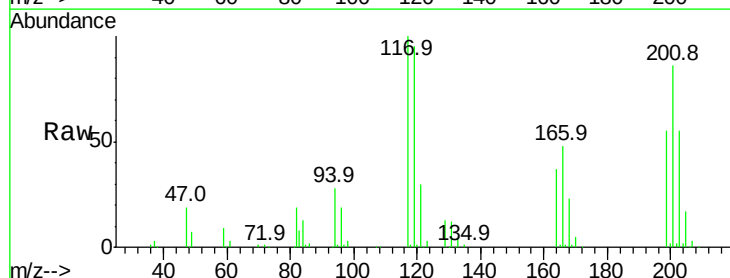
Tgt Ion:117 Resp: 127621

Ion Ratio Lower Upper

117 100

119 94.7 75.8 113.8

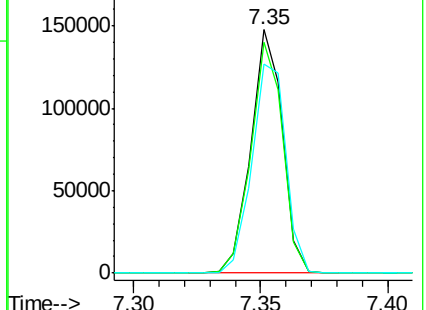
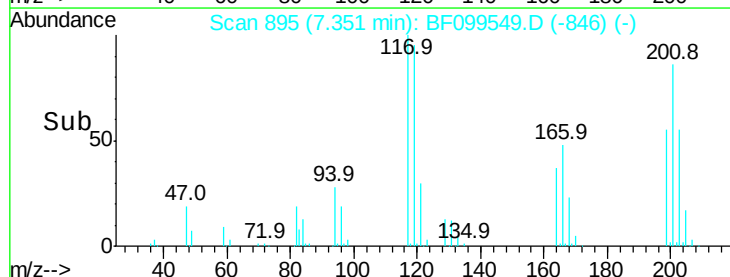
201 85.8 75.7 113.5

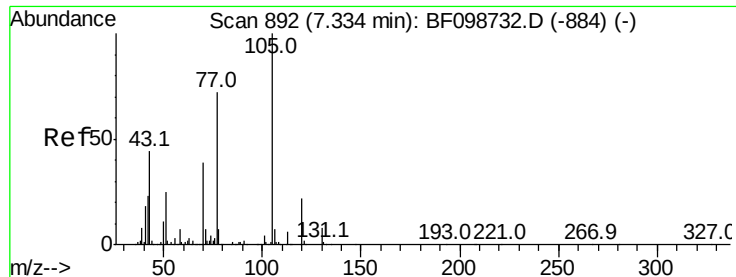


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.863 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 202361

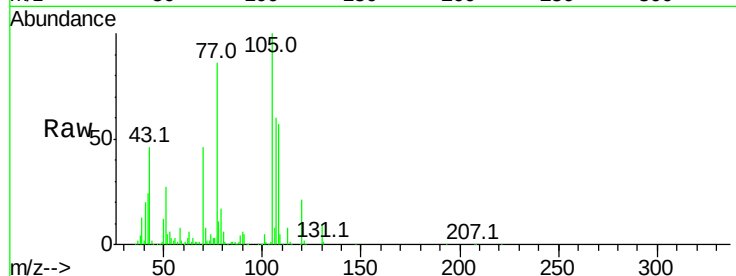
Ion Ratio Lower Upper

70 100

42 52.7 47.5 71.3

101 9.8 7.4 11.2

130 22.4 16.6 25.0



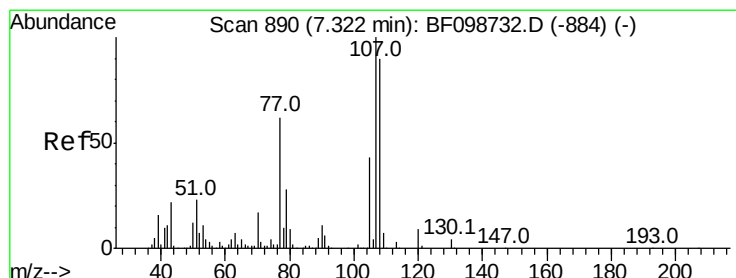
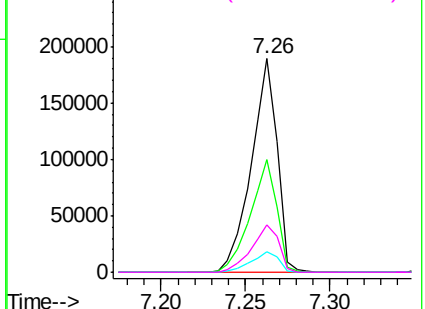
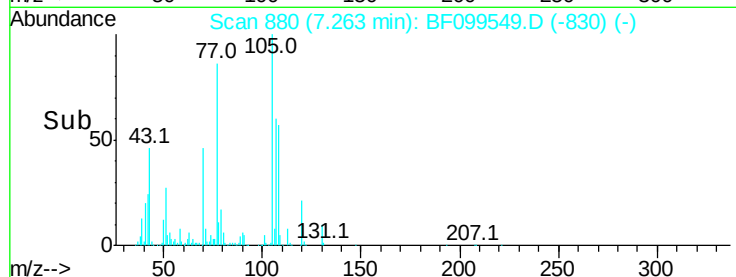
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 36.625 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Tgt Ion:107 Resp: 316400

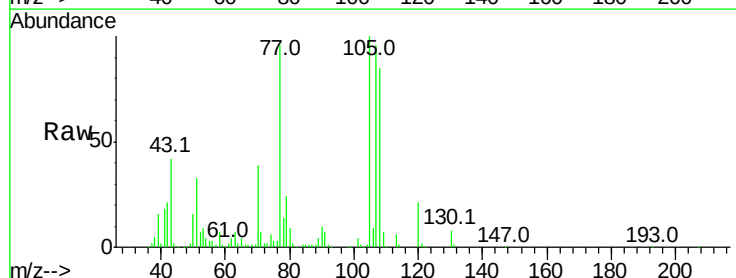
Ion Ratio Lower Upper

107 100

108 88.4 68.2 108.2

77 99.3 26.7 66.7#

79 24.8 6.3 46.3



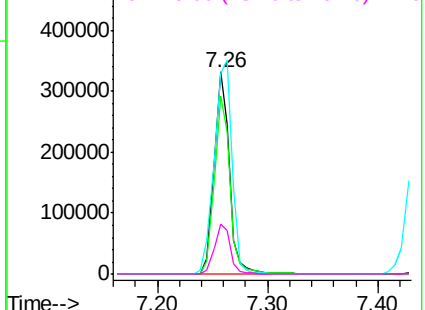
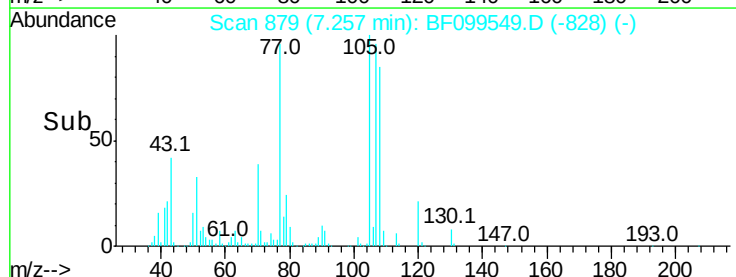
Abundance

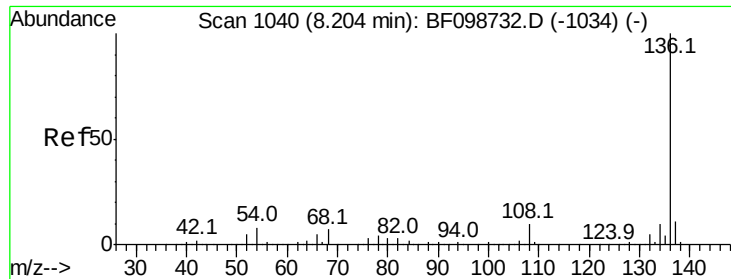
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

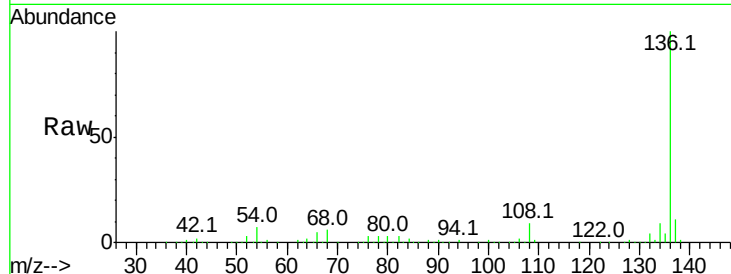




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099549.D
Acq: 16 Oct 2017 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	491370
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	7.4	6.6 9.8
68	6.3	5.0 7.4

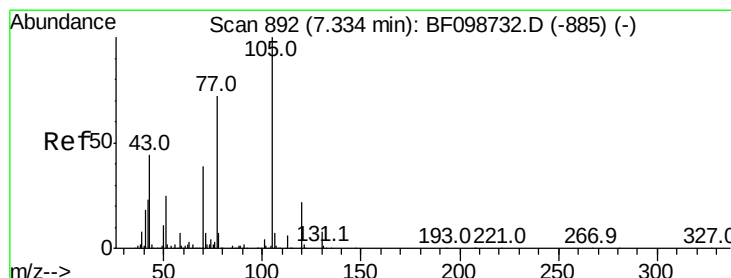
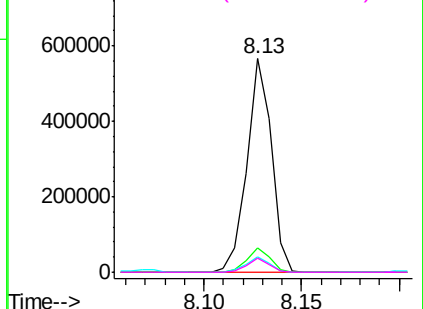
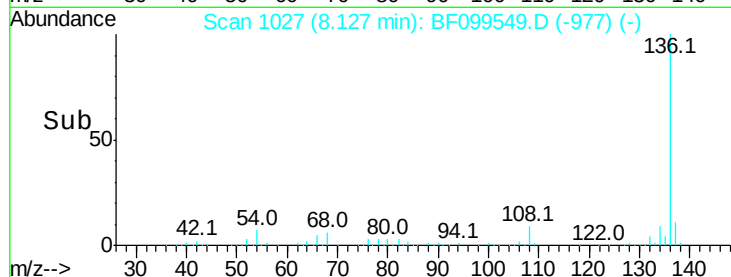


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

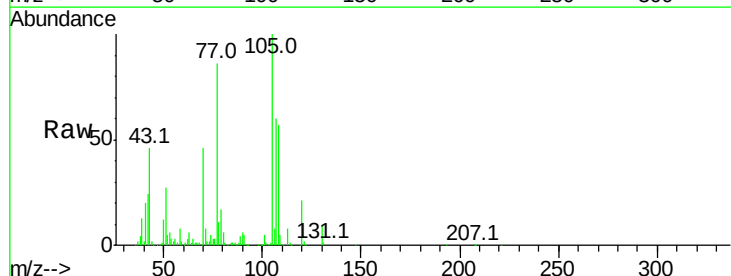
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 36.572 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099549.D
Acq: 16 Oct 2017 17:34

Tgt Ion:105	Resp:	435393
Ion Ratio	Lower	Upper
105	100	
71	7.8	4.4 6.6#
51	27.1	22.3 33.5
120	21.4	16.9 25.3

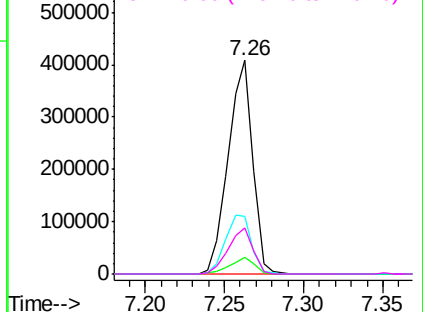
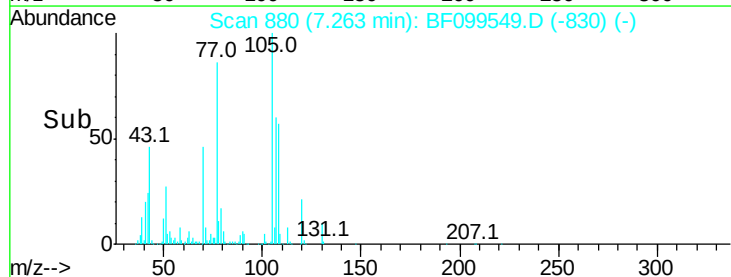


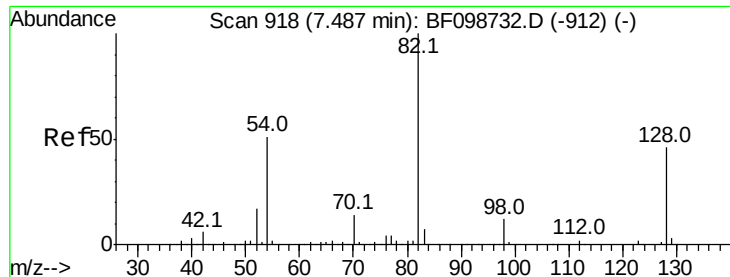
Abundance Ion 105.00 (104.70 to 105.70): E

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: 80.068 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Instrument :

BNA_F

ClientSampleId :

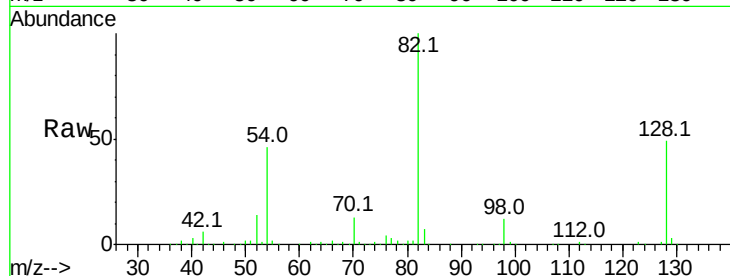
Tot Ion: 82 Resp: 613486

Ion Ratio Lower Upper

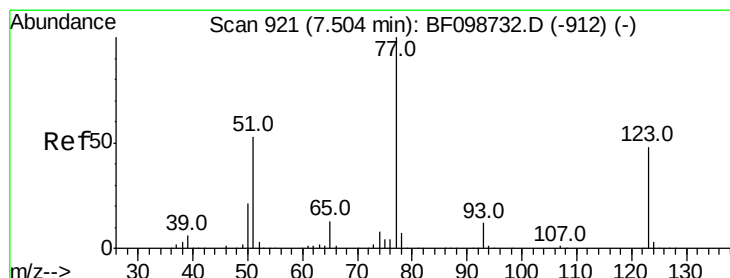
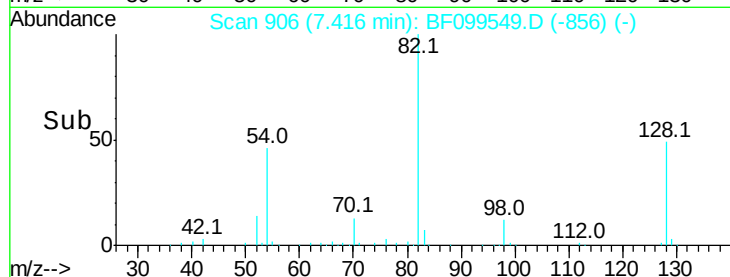
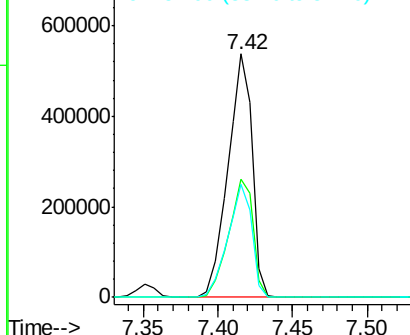
82 100

128 48.6 36.1 54.1

54 46.3 41.4 62.2



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: 38.772 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

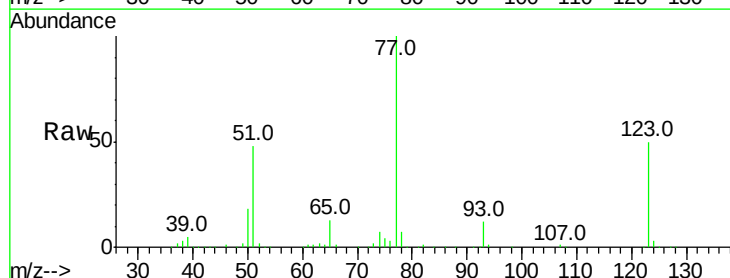
Tgt Ion: 77 Resp: 336988

Ion Ratio Lower Upper

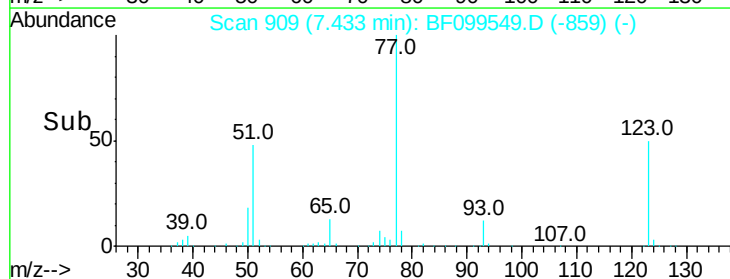
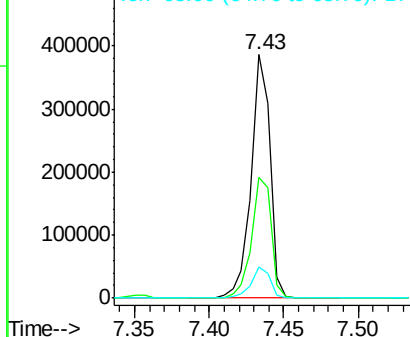
77 100

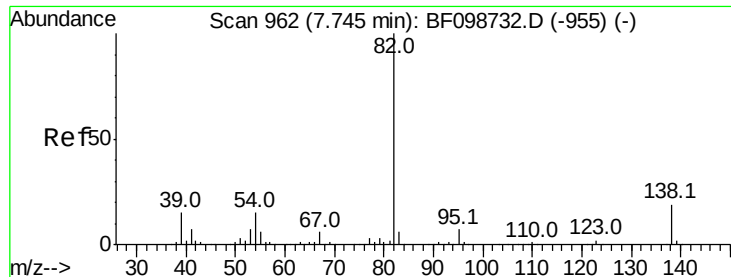
123 49.6 37.9 56.9

65 12.6 11.0 16.4



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: 38.816 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Instrument :

BNA_F

ClientSampleId :

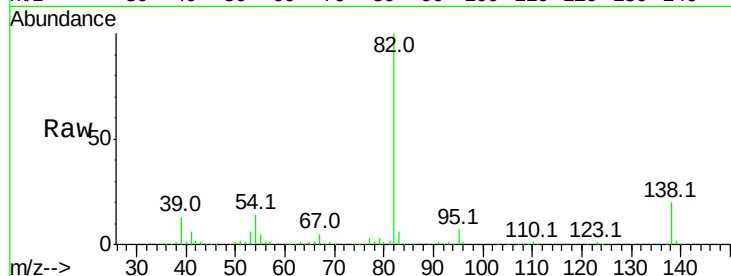
Tot Ion: 82 Resp: 614898

Ion Ratio Lower Upper

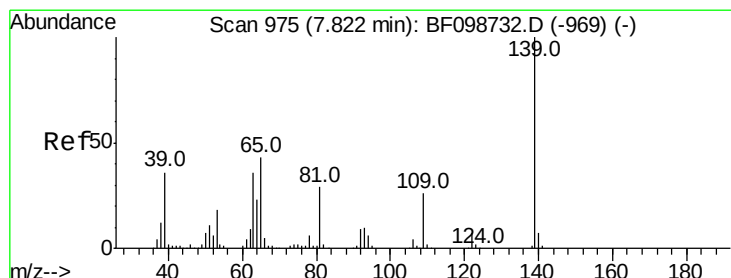
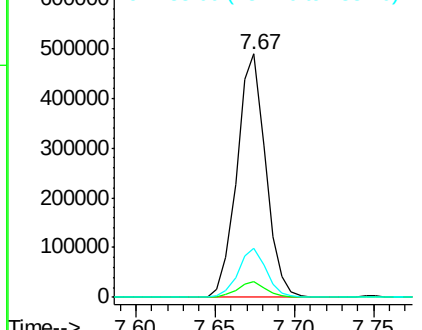
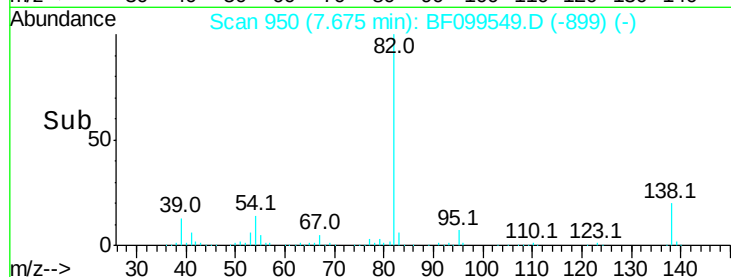
82 100

95 6.6 5.2 7.8

138 20.0 14.9 22.3



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: 46.535 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

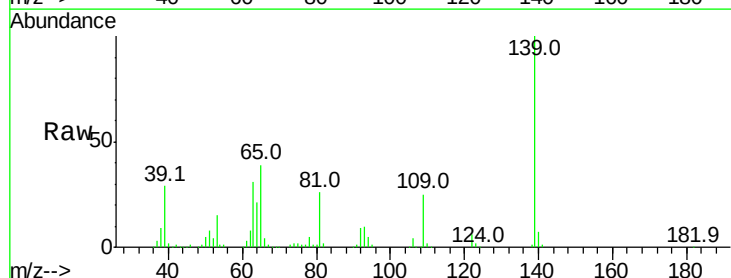
Tgt Ion:139 Resp: 194497

Ion Ratio Lower Upper

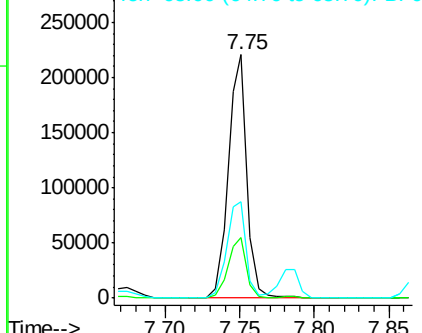
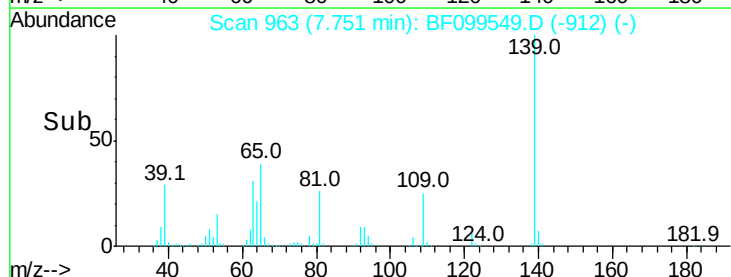
139 100

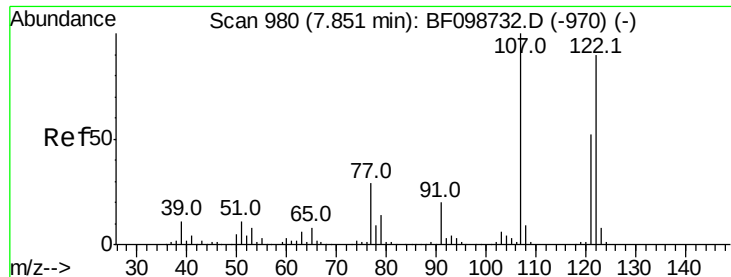
109 24.9 22.7 34.1

65 39.4 40.5 60.7#



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: 38.003 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Instrument :

BNA_F

ClientSampled :

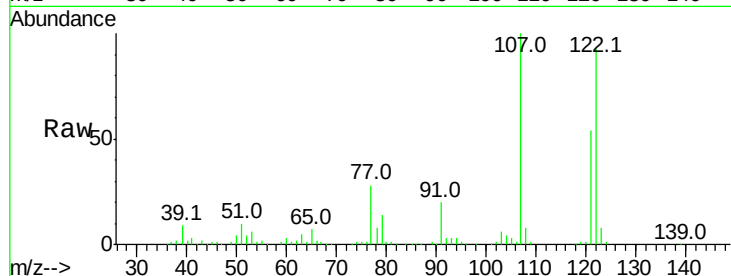
Tot Ion:122 Resp: 299964

Ion Ratio Lower Upper

122 100

107 107.5 91.2 136.8

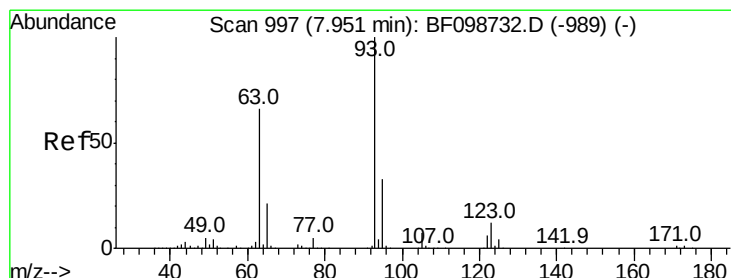
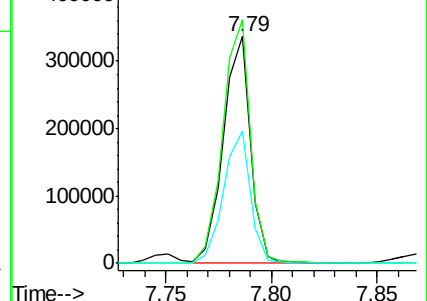
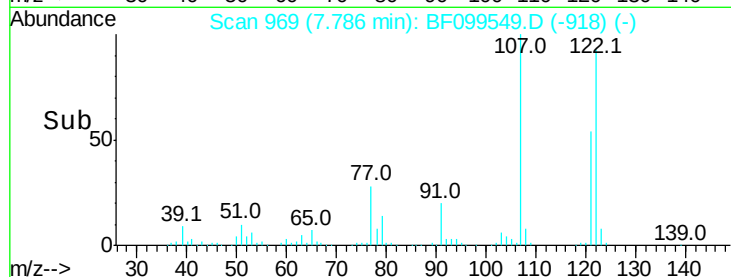
121 58.6 47.2 70.8



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: 40.534 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

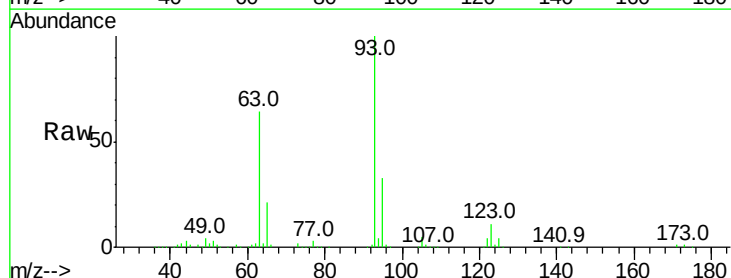
Tgt Ion: 93 Resp: 400154

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

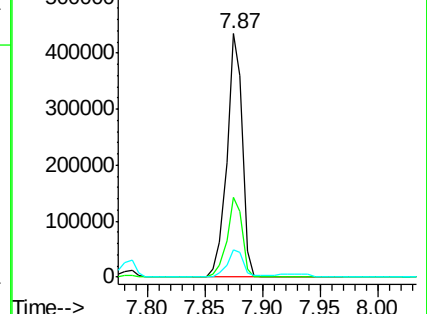
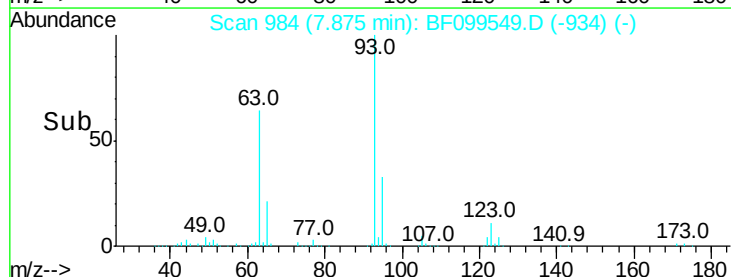
123 11.3 9.8 14.6

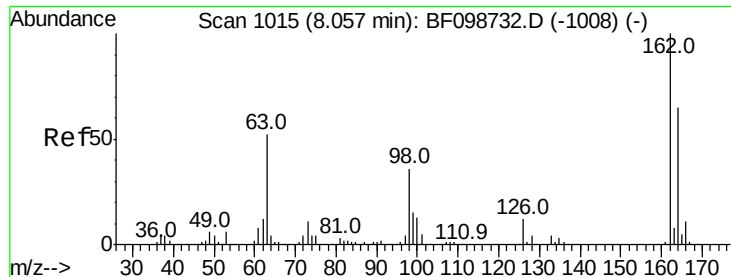


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

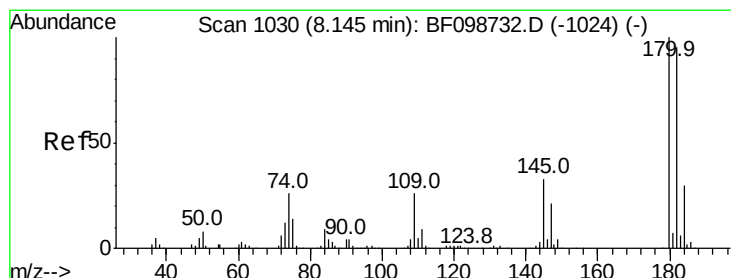
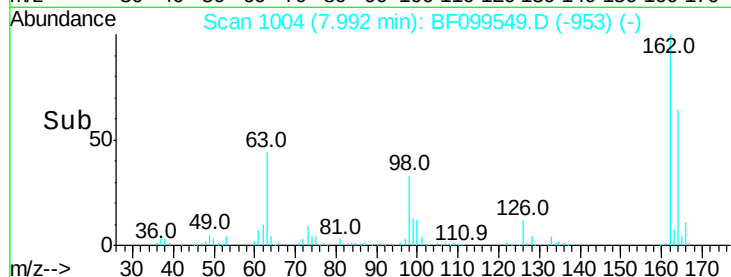
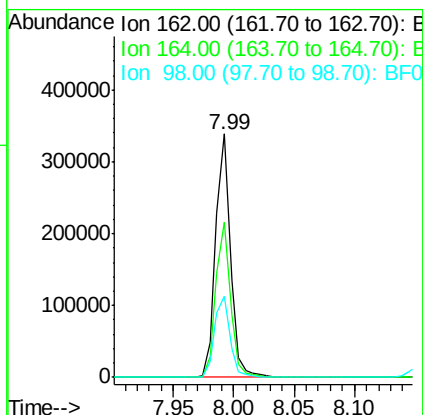
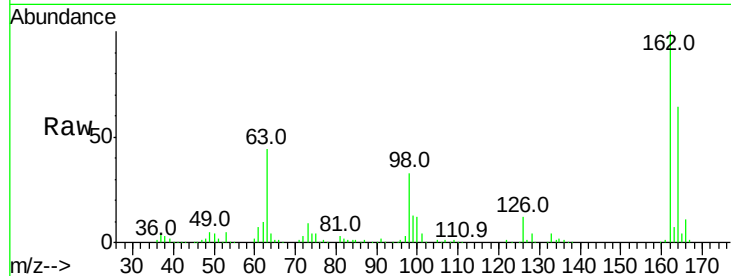




#29
 2,4-Dichlorophenol
 Concen: 42.125 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

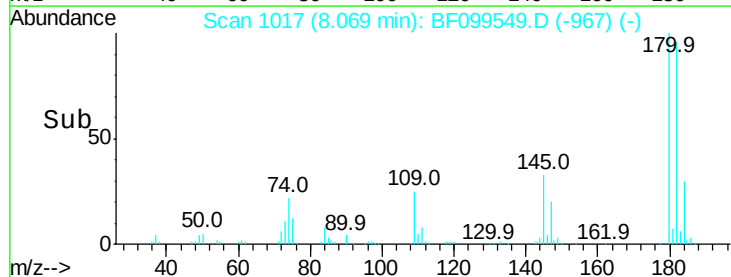
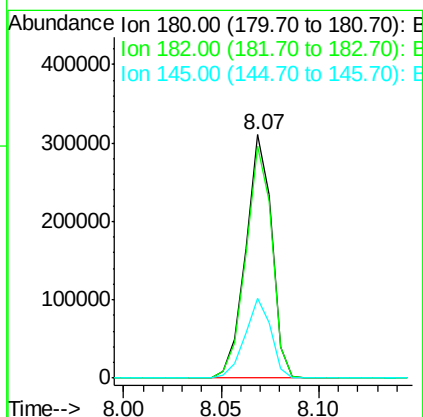
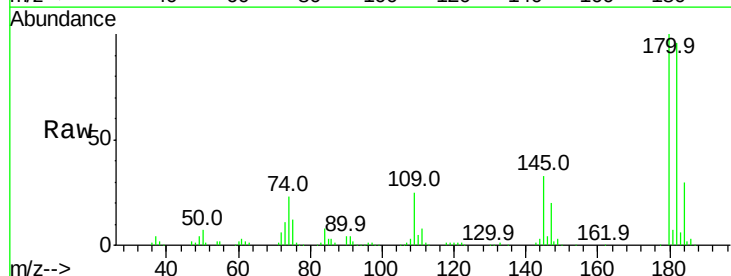
Instrument :
 BNA_F
 ClientSampleId :

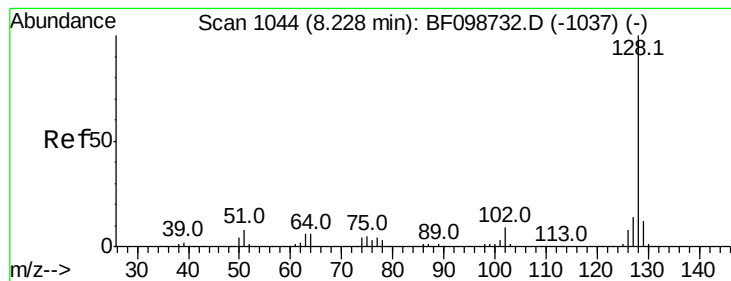
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.7	82.7
98	33.0	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.283 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.8	115.2
145	32.8	26.5	39.7





#31

Naphthalene

Concen: 40.587 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Instrument :

BNA_F

ClientSampleId :

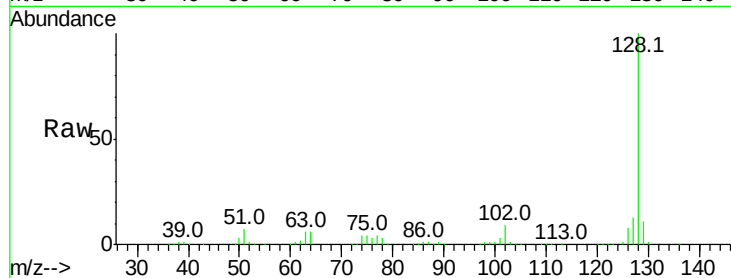
Tot Ion:128 Resp: 936668

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

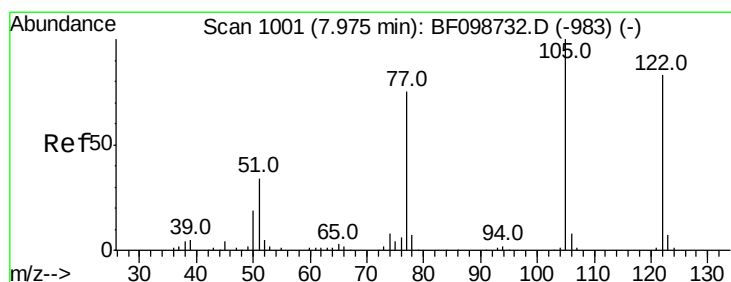
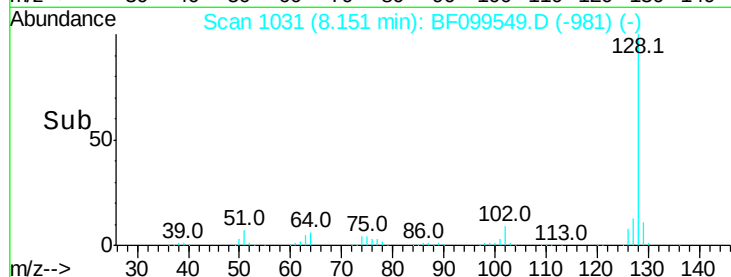
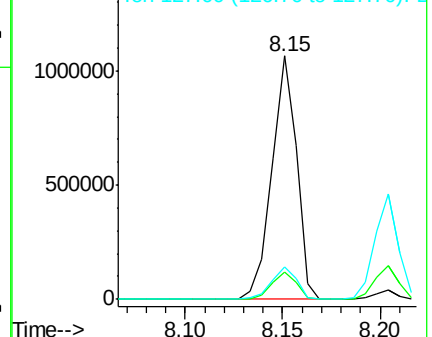
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.086 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.02 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

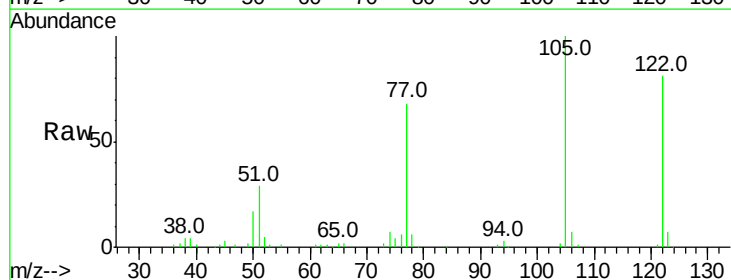
Tgt Ion:122 Resp: 221006

Ion Ratio Lower Upper

122 100

105 123.4 101.1 141.1

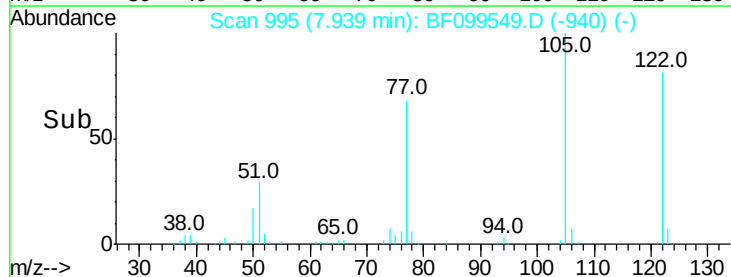
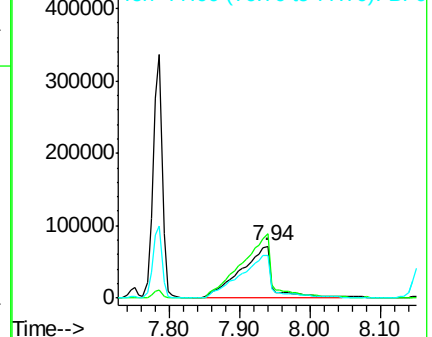
77 83.6 70.7 110.7

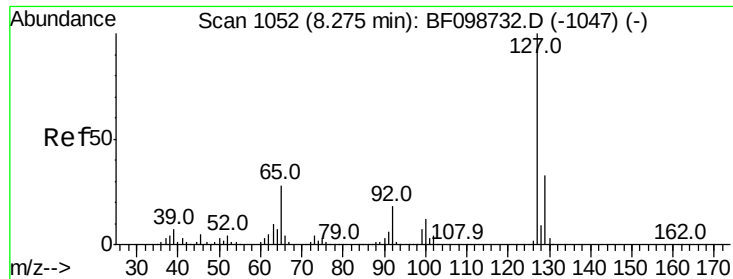


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

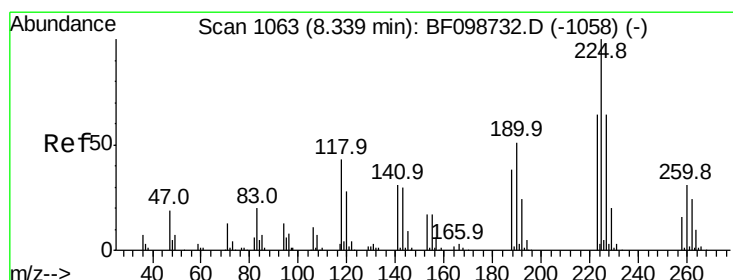
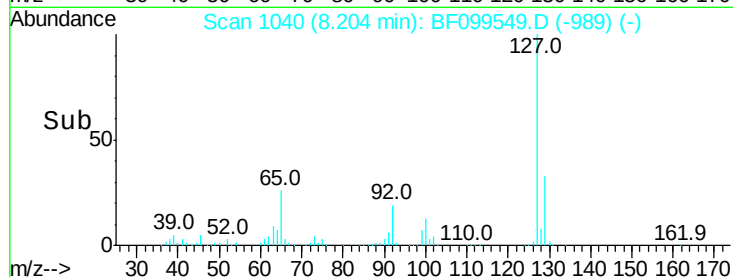
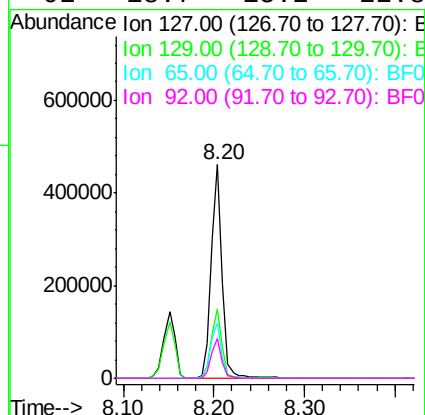
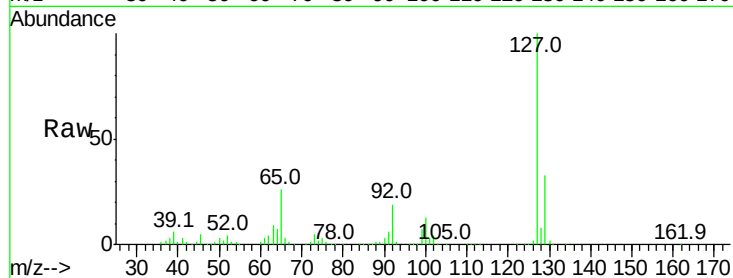




#33
4-Chloroaniline
Concen: 40.841 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF099549.D
Acq: 16 Oct 2017 17:34

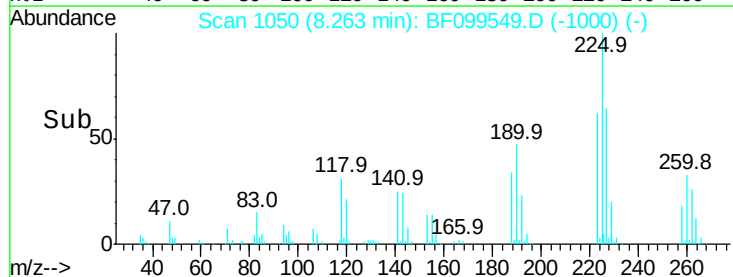
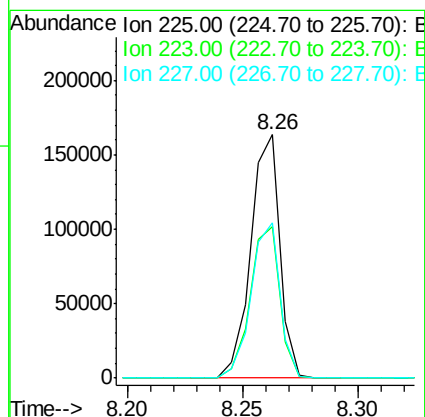
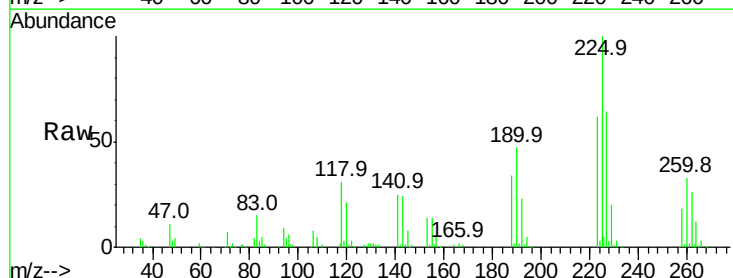
Instrument :
BNA_F
ClientSampleId :

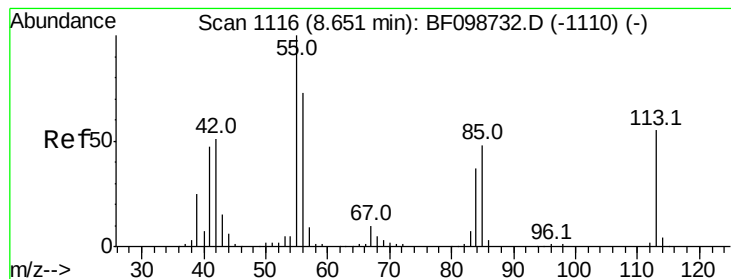
Tot Ion:	127	Resp:	393594
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	26.1	25.0	37.4
92	18.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.397 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF099549.D
Acq: 16 Oct 2017 17:34

Tgt Ion:	225	Resp:	144524
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	63.8	51.9	77.9





#35

Caprolactam

Concen: 29.884 ng

RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Instrument :

BNA_F

ClientSampled :

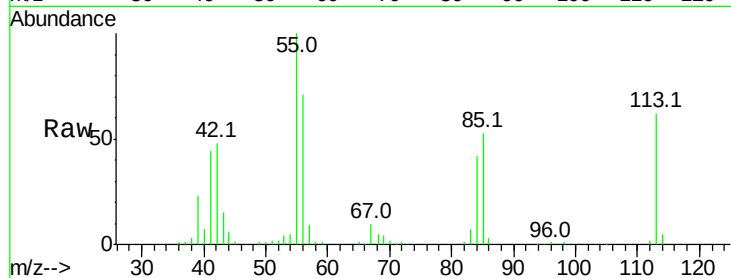
Tot Ion:113 Resp: 64964

Ion Ratio Lower Upper

113 100

55 162.2 163.3 203.3#

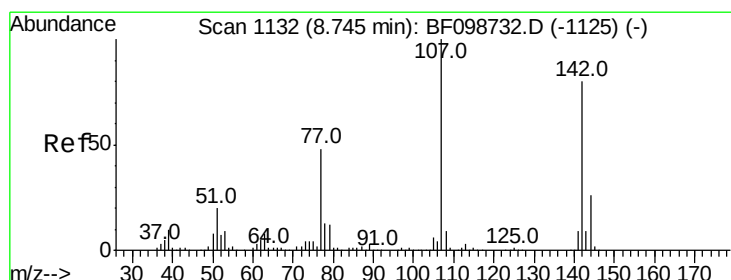
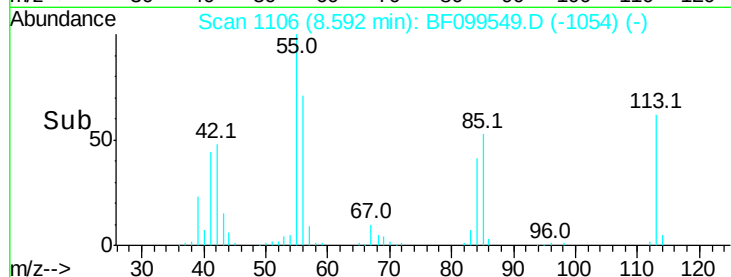
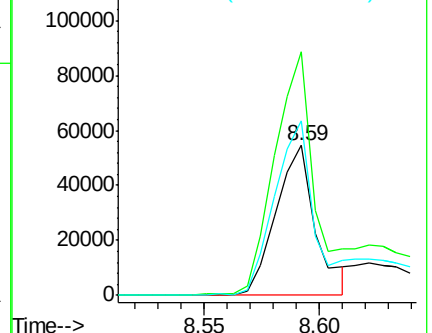
56 115.9 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.040 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

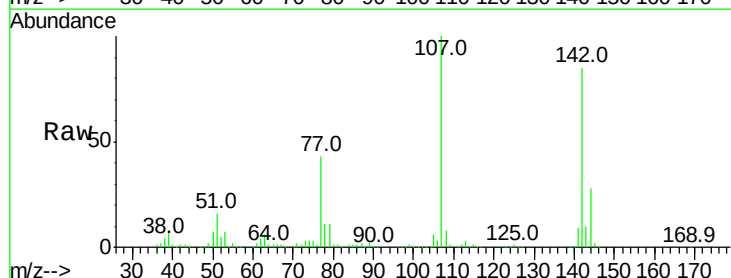
Tgt Ion:107 Resp: 304993

Ion Ratio Lower Upper

107 100

144 27.8 20.5 30.7

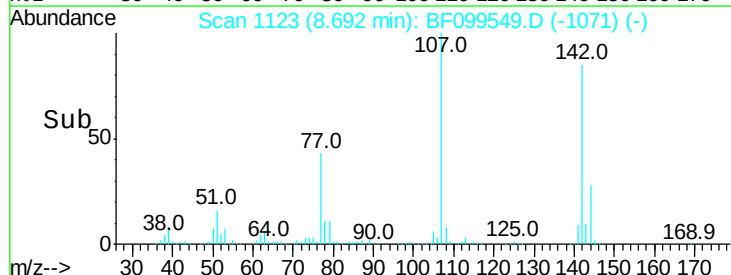
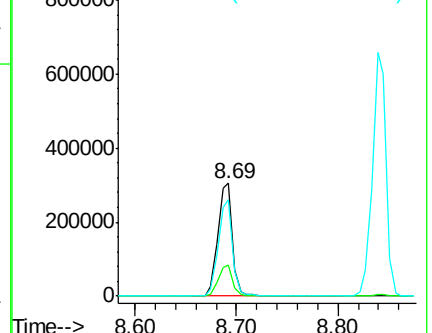
142 84.8 62.0 93.0

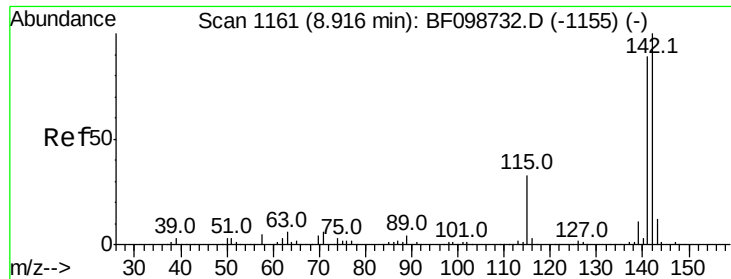


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

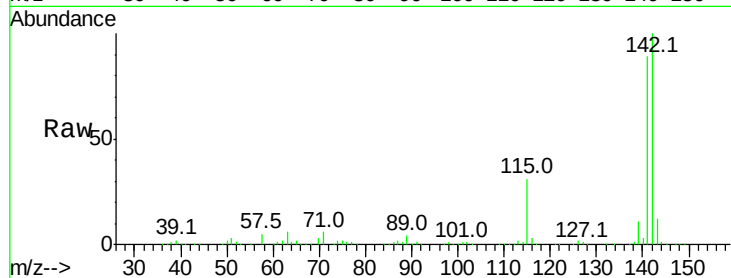




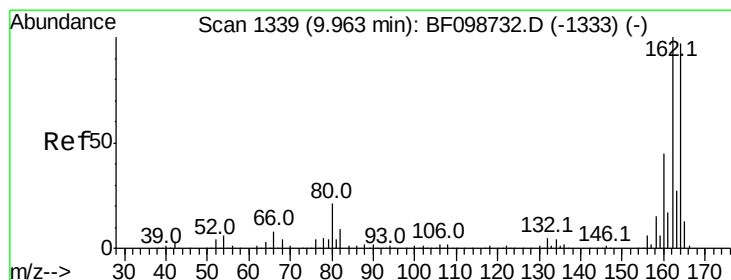
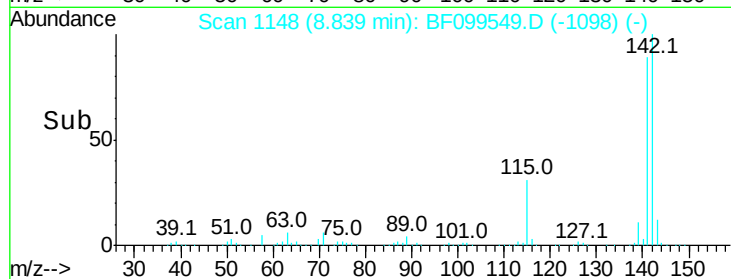
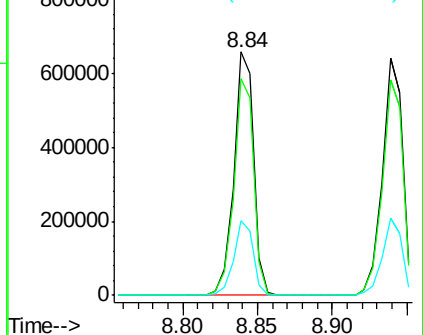
#37
 2-Methylnaphthalene
 Concen: 40.940 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 614198
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.8 106.2
 115 30.5 26.1 39.1

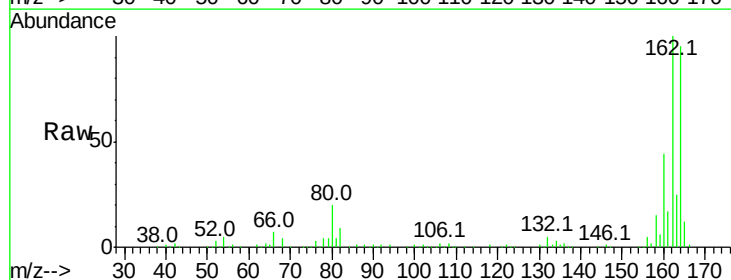


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

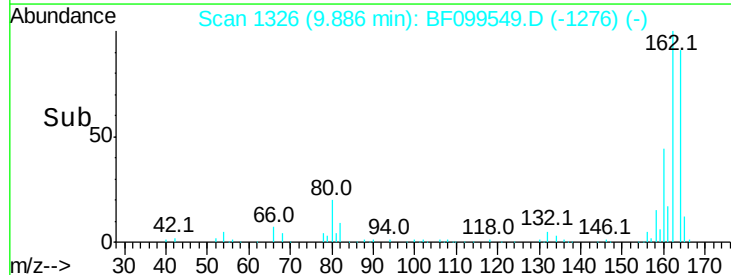
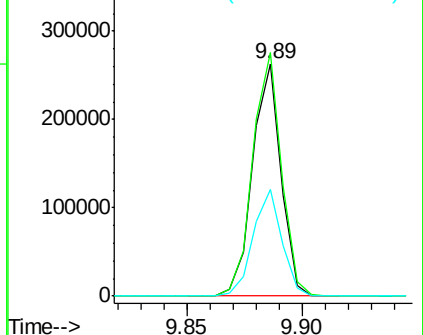


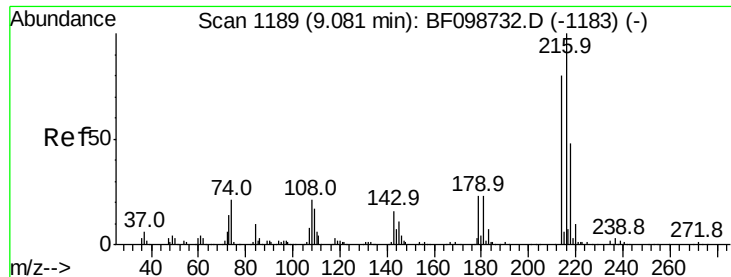
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

Tgt Ion:164 Resp: 226063
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 45.7 38.3 57.5



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

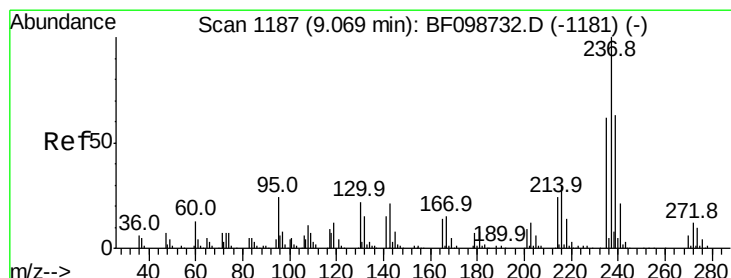
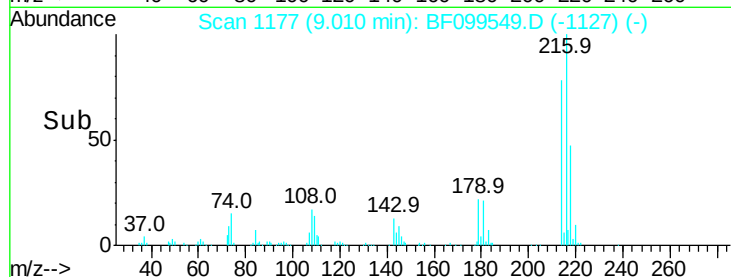
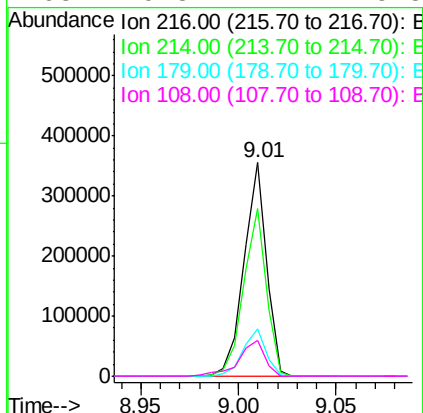
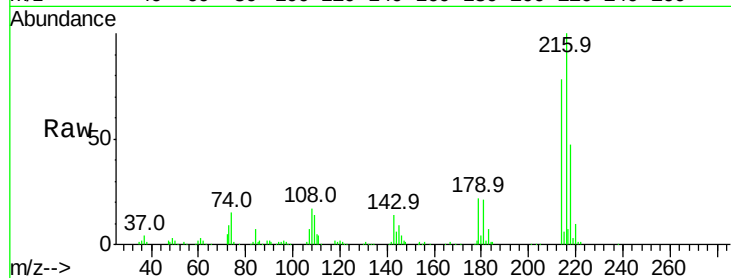




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.388 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

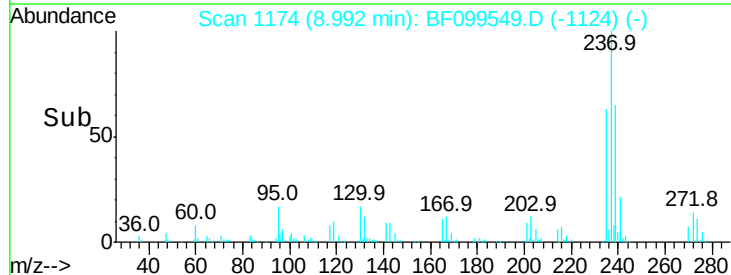
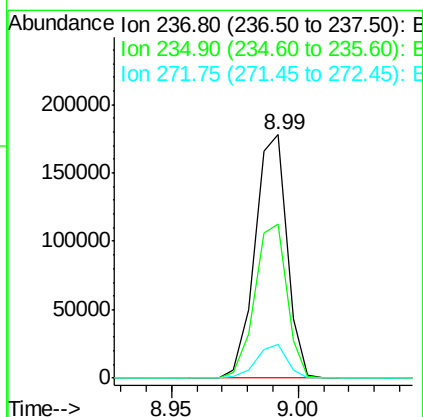
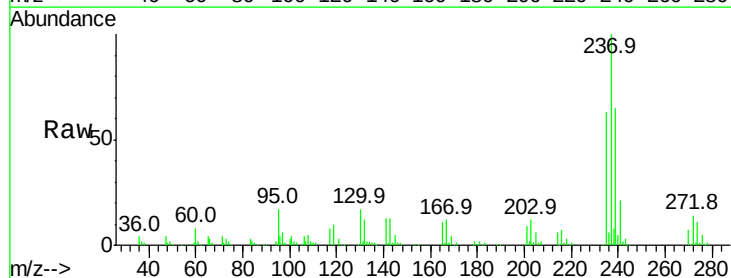
Instrument :
 BNA_F
 ClientSampled :

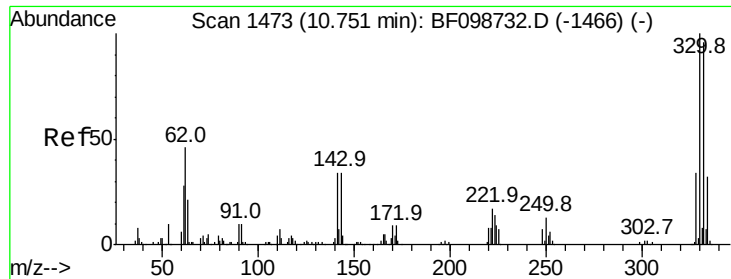
Tot Ion:	216	Resp:	285770
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	22.4	18.1	27.1
108	19.8	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 51.110 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

Tgt Ion:	237	Resp:	157469
Ion	Ratio	Lower	Upper
237	100		
235	63.2	44.8	84.8
272	13.8	0.0	33.3

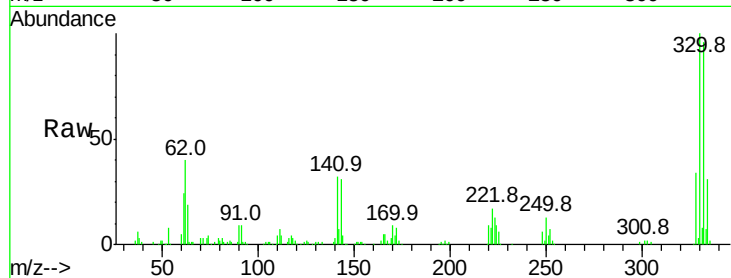




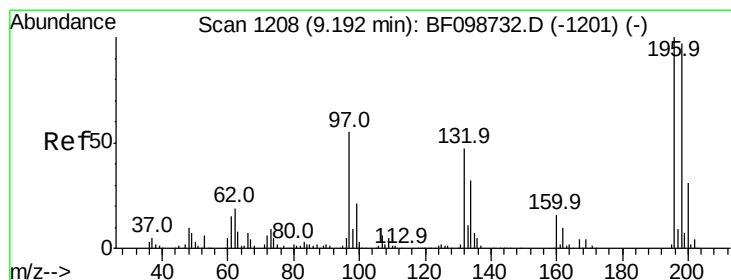
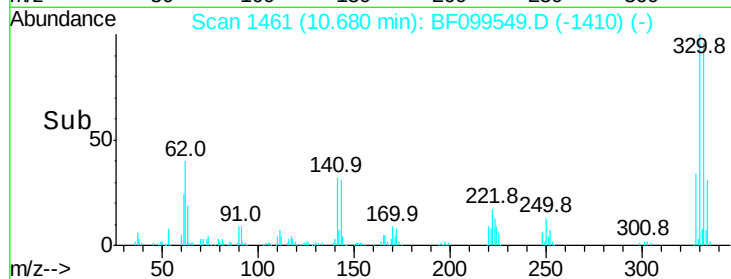
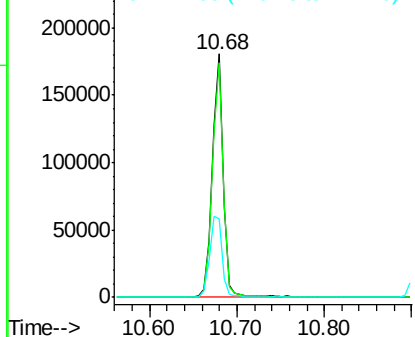
#41
 2,4,6-Tribromophenol
 Concen: 86.148 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	37.8	29.9	44.9

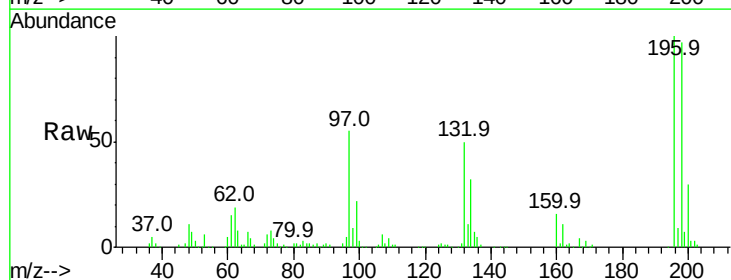


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

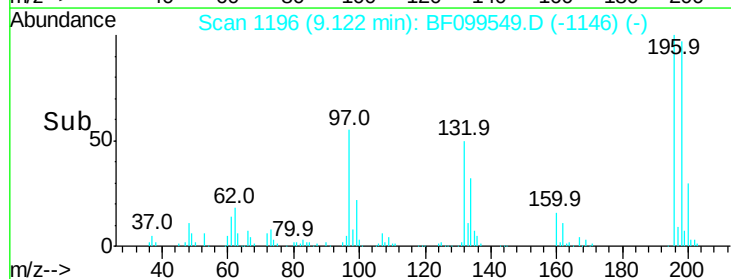
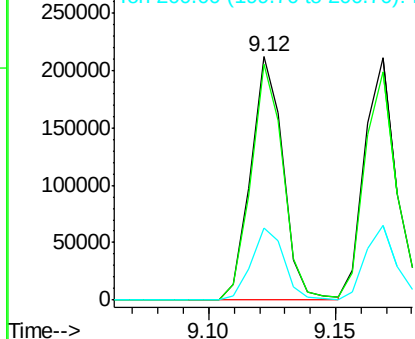


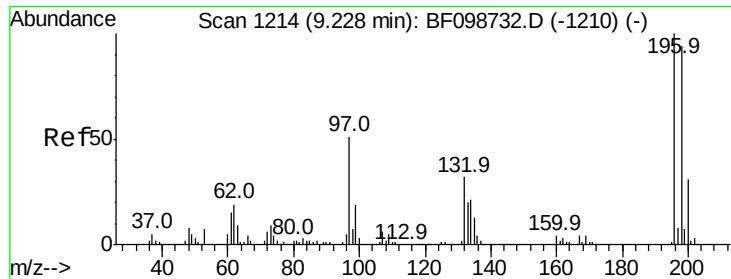
#42
 2,4,6-Trichlorophenol
 Concen: 39.666 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	75.7	113.5
200	29.8	24.5	36.7



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

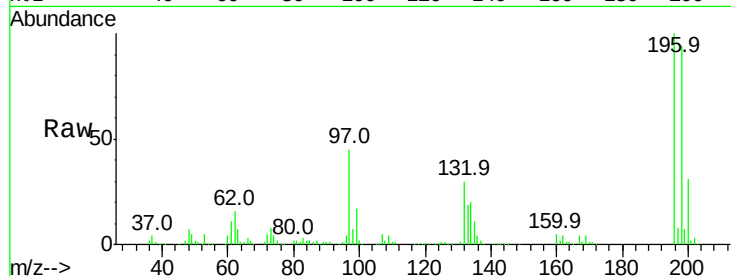




#43
2,4,5-Trichlorophenol
Concen: 40.186 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF099549.D
Acq: 16 Oct 2017 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.4	74.6	112.0
97	45.2	42.9	64.3
132	29.9	26.3	39.5



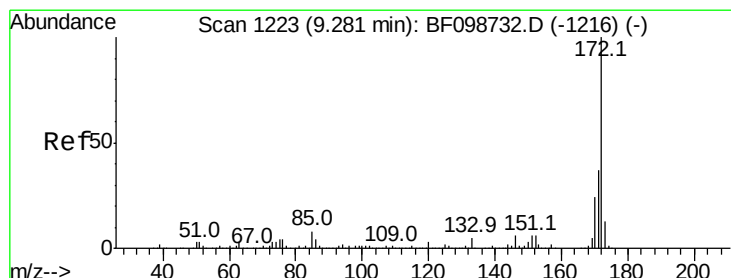
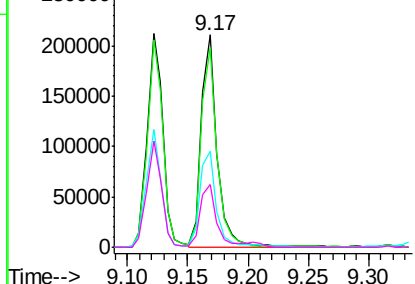
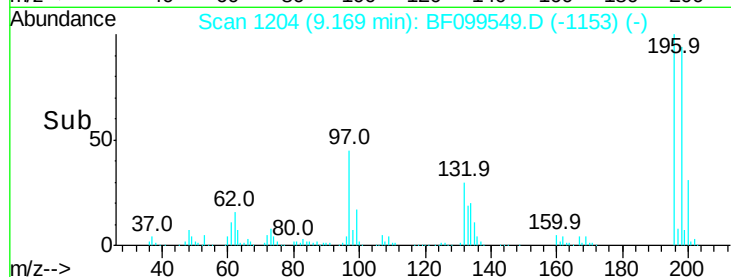
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

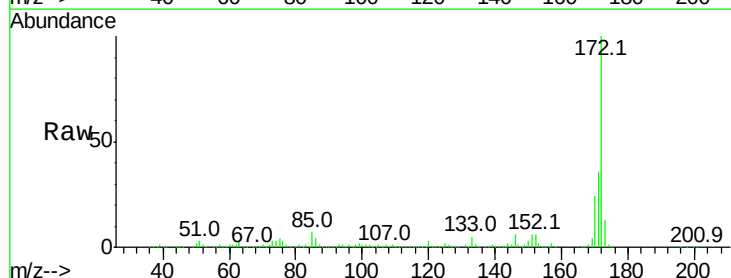
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 83.496 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF099549.D
Acq: 16 Oct 2017 17:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	19.6	29.4

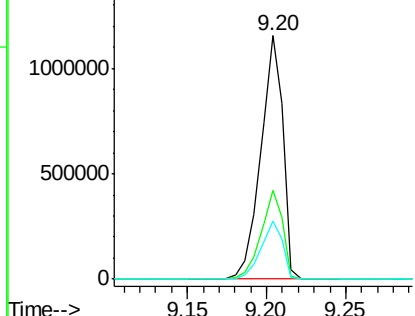
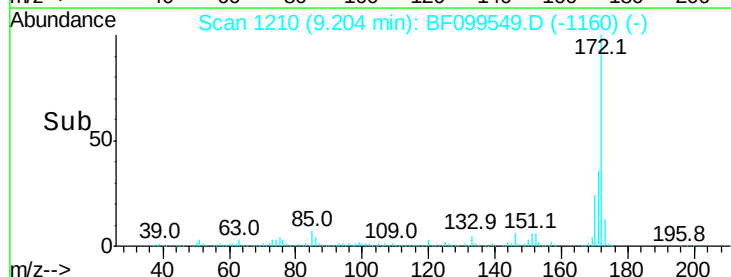


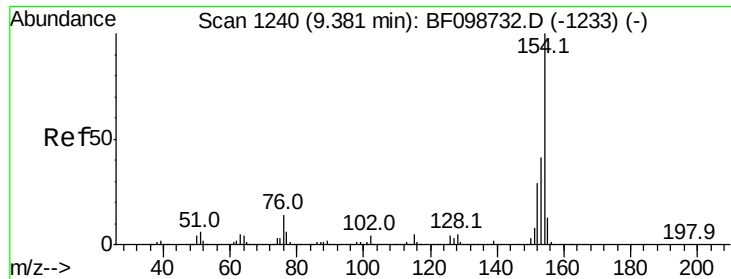
Abundance

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

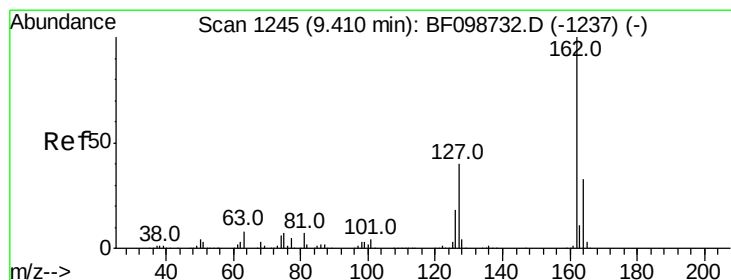
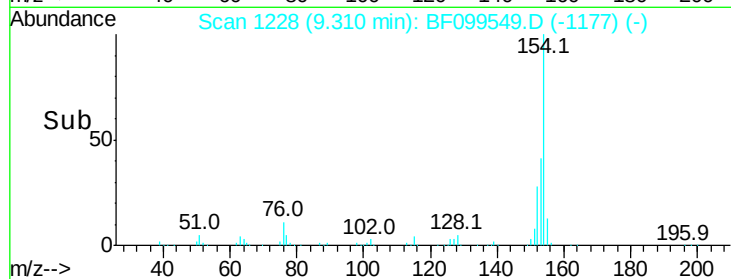
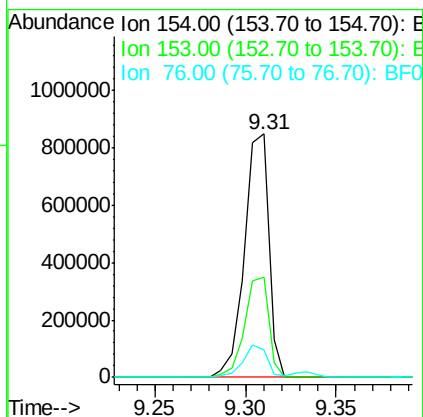
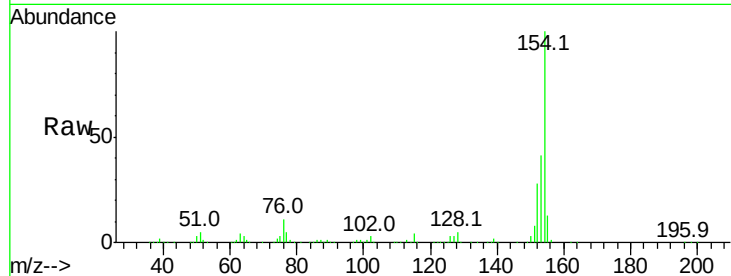




#45
 1,1'-Biphenyl
 Concen: 40.916 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

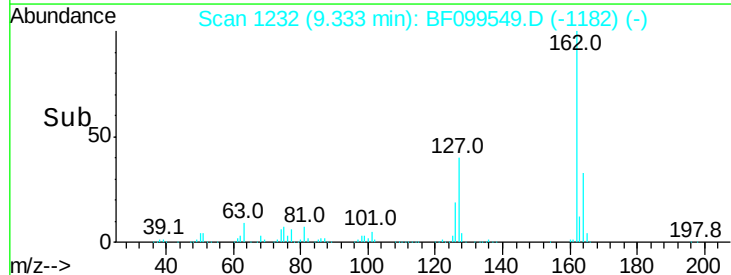
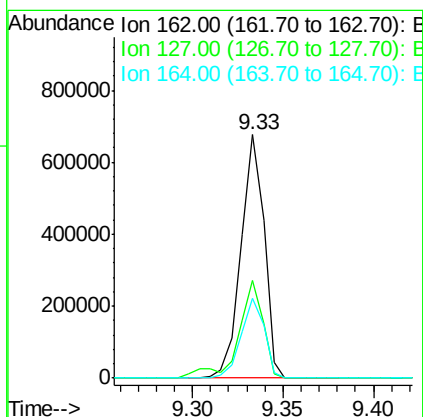
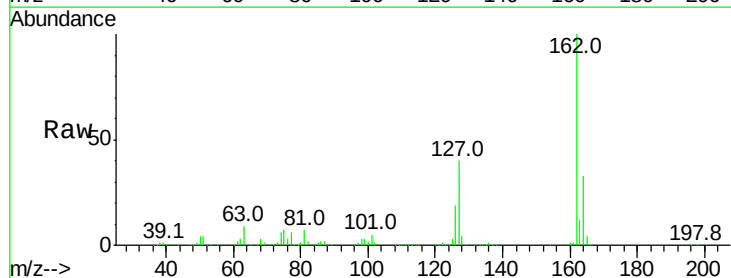
Instrument :
 BNA_F
 ClientSampleId :

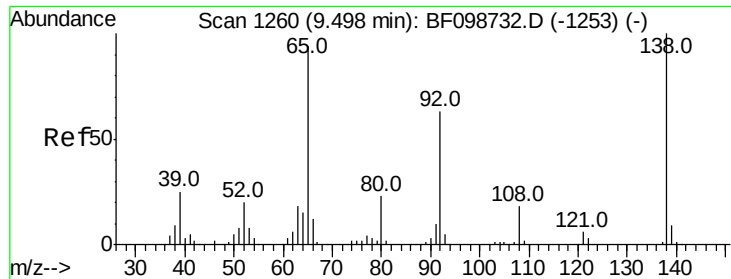
Tot Ion:154 Resp: 794953
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.3 61.3
 76 11.4 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 41.113 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

Tgt Ion:162 Resp: 599741
 Ion Ratio Lower Upper
 162 100
 127 39.9 33.9 50.9
 164 33.0 26.5 39.7

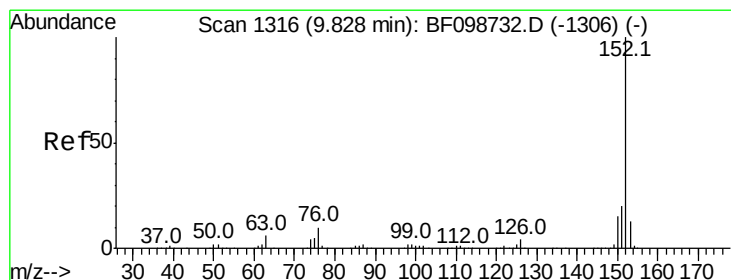
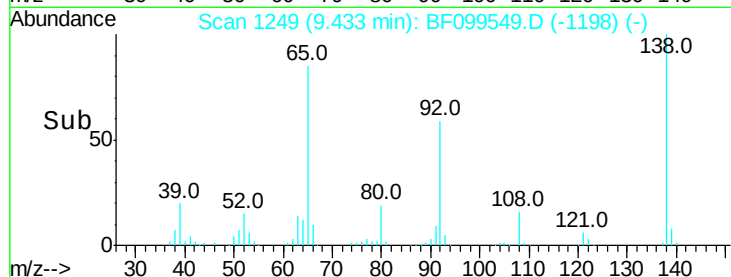
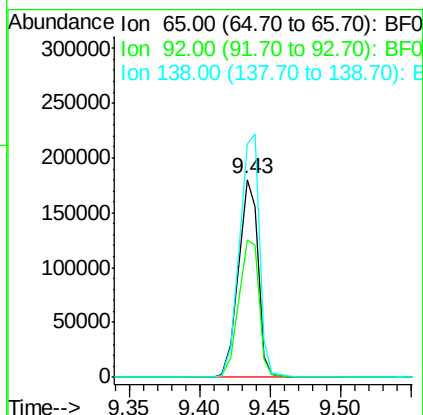
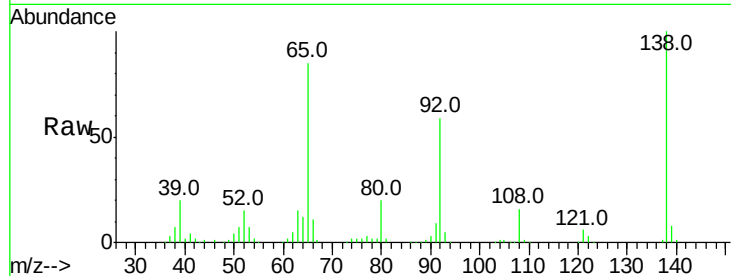




#47
 2-Nitroaniline
 Concen: 38.881 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

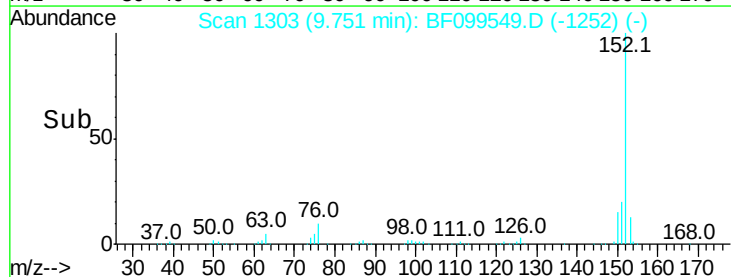
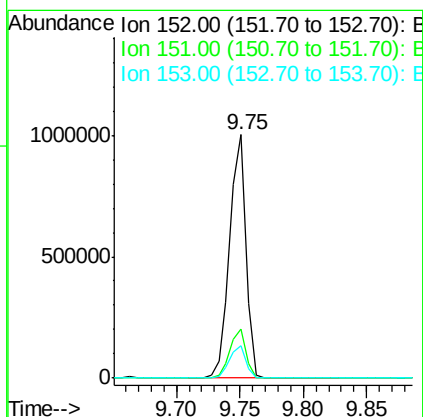
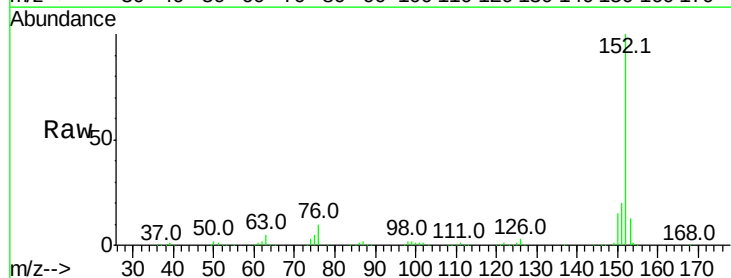
Instrument :
 BNA_F
 ClientSampled :

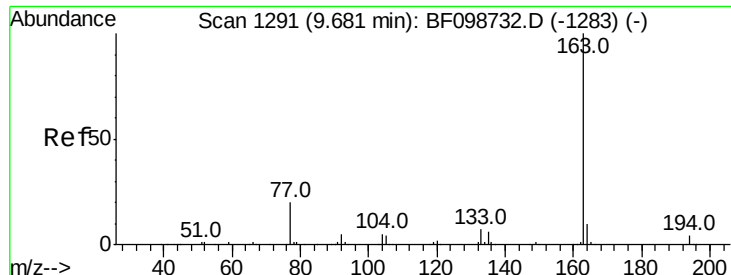
Tot Ion: 65 Resp: 173671
 Ion Ratio Lower Upper
 65 100
 92 69.8 55.8 83.6
 138 118.0 91.2 136.8



#48
 Acenaphthylene
 Concen: 39.872 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

Tgt Ion: 152 Resp: 890373
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.3 24.5
 153 13.1 10.7 16.1

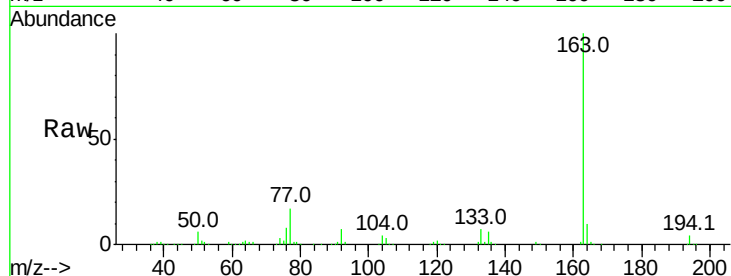




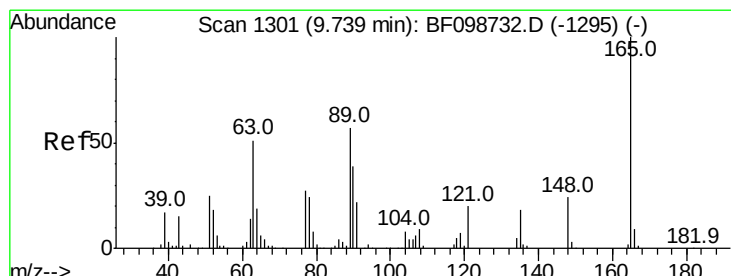
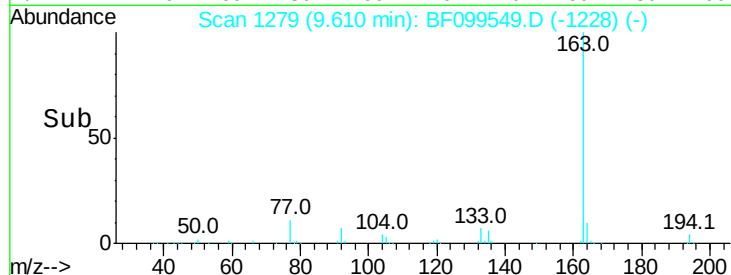
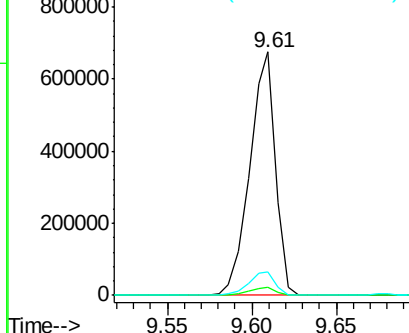
#49
Dimethylphthalate
Concen: 41.914 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF099549.D
Acq: 16 Oct 2017 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 715139
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.8 8.2 12.2

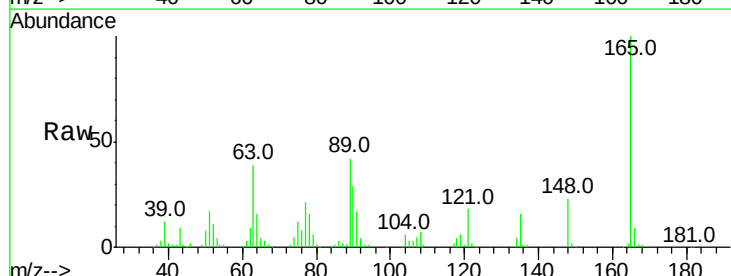


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

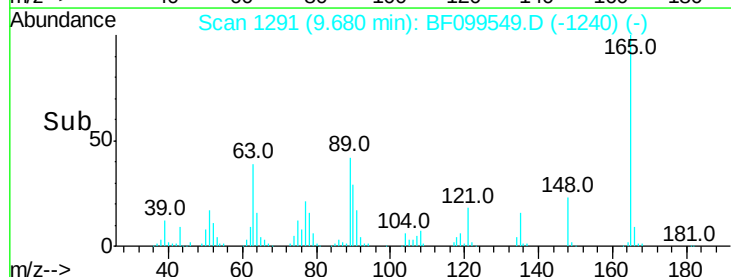
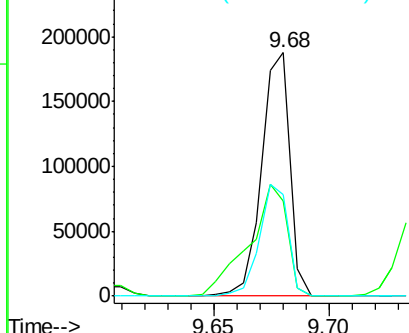


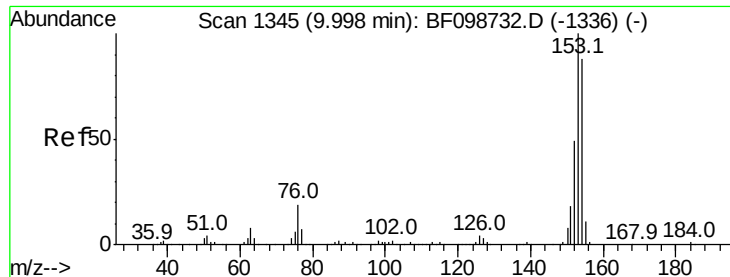
#50
2,6-Dinitrotoluene
Concen: 43.271 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF099549.D
Acq: 16 Oct 2017 17:34

Tgt Ion:165 Resp: 160732
Ion Ratio Lower Upper
165 100
63 38.9 44.7 67.1#
89 41.8 44.0 66.0#



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: 37.453 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Instrument :

BNA_F

ClientSampleId :

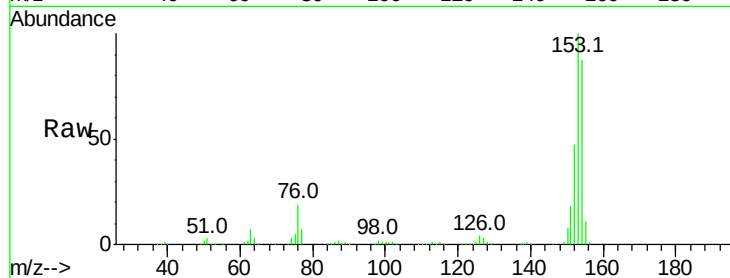
Tot Ion:154 Resp: 529791

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

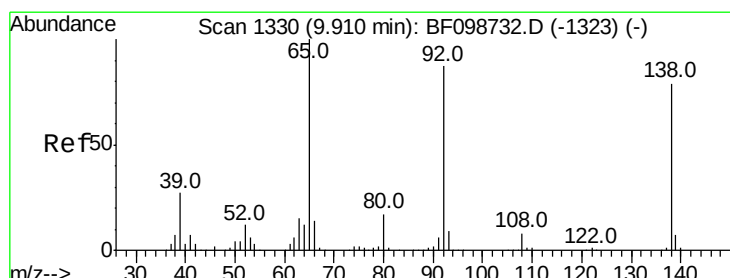
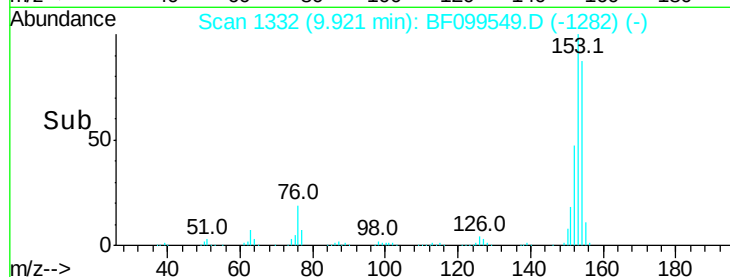
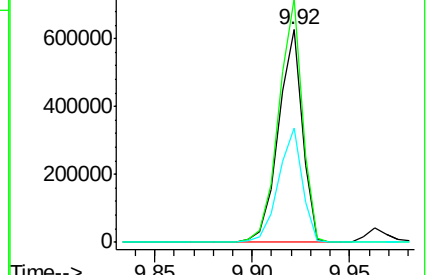
152 53.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.493 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

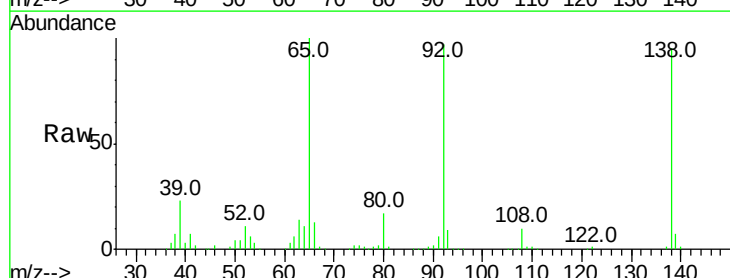
Tgt Ion:138 Resp: 184044

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

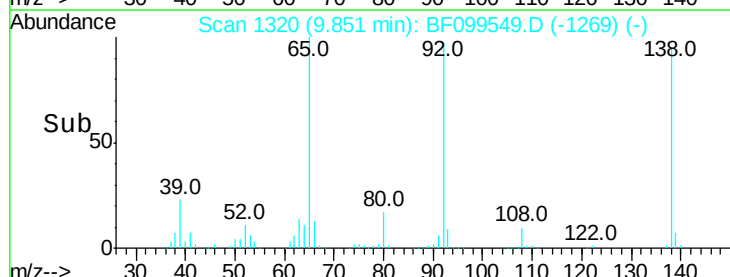
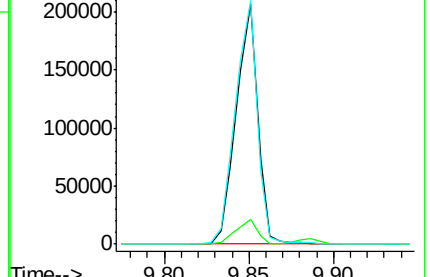
92 101.4 89.4 134.2

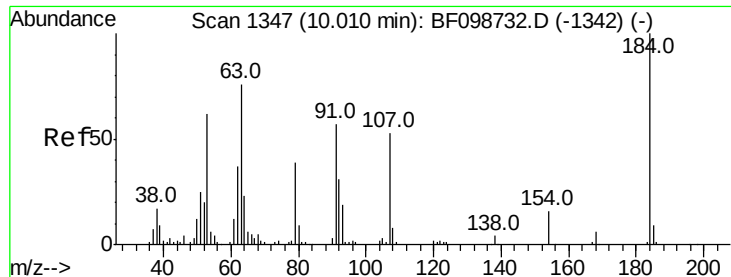


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

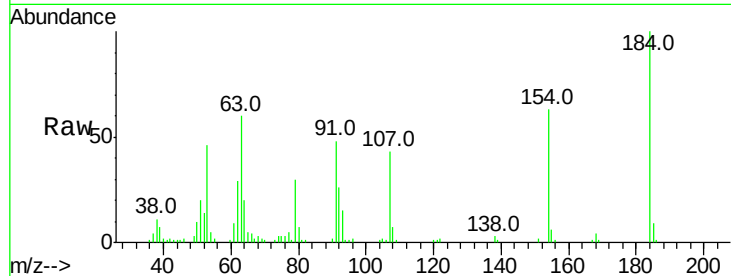




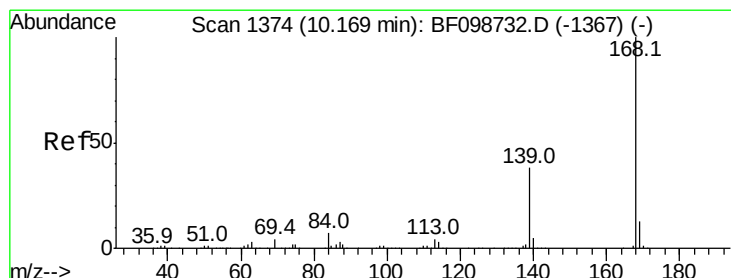
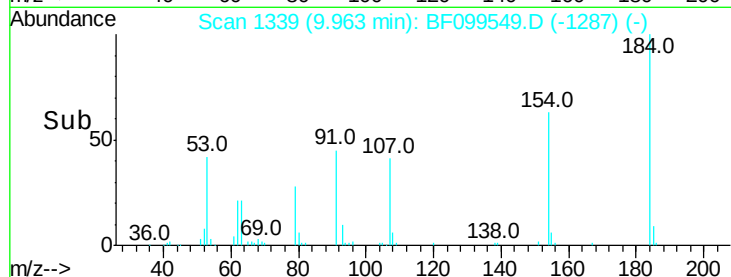
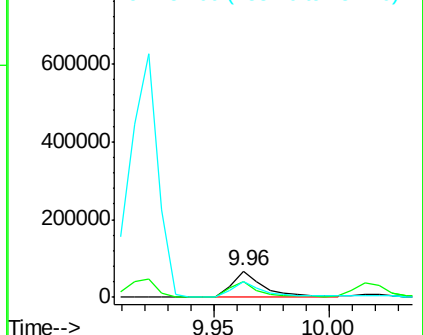
#53
 2,4-Dinitrophenol
 Concen: 36.655 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 64301
 Ion Ratio Lower Upper
 184 100
 63 59.5 54.2 81.2
 154 63.1 53.5 80.3

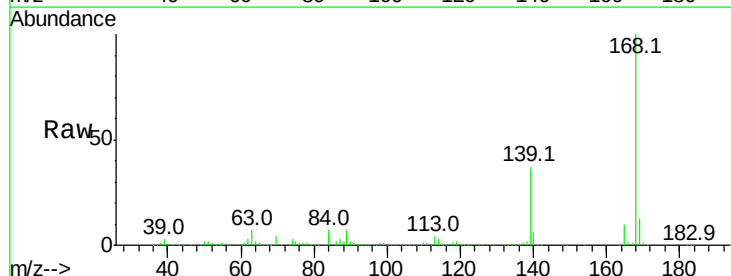


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

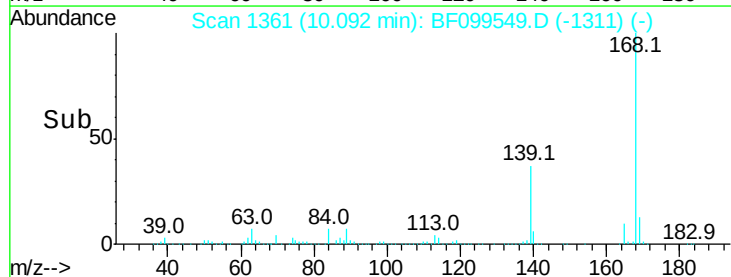
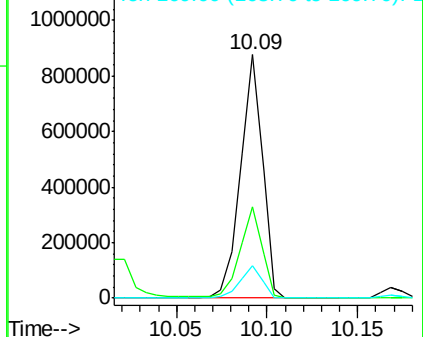


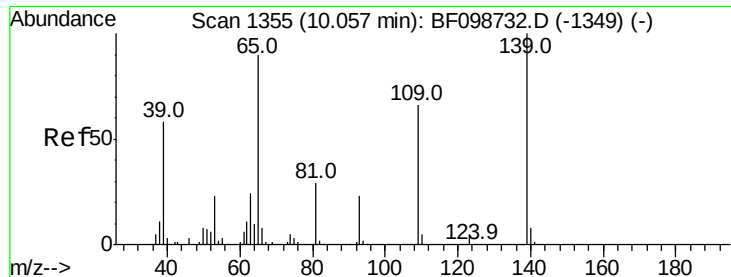
#54
 Dibenzofuran
 Concen: 39.262 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

Tgt Ion:168 Resp: 739467
 Ion Ratio Lower Upper
 168 100
 139 37.5 30.1 45.1
 169 13.5 10.9 16.3



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: 41.084 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Instrument :

BNA_F

ClientSampled :

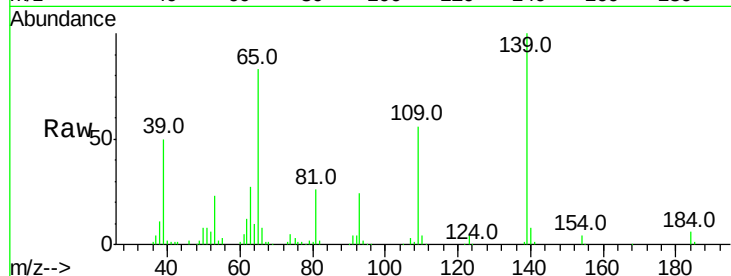
Tot Ion:139 Resp: 150461

Ion Ratio Lower Upper

139 100

109 56.3 48.4 88.4

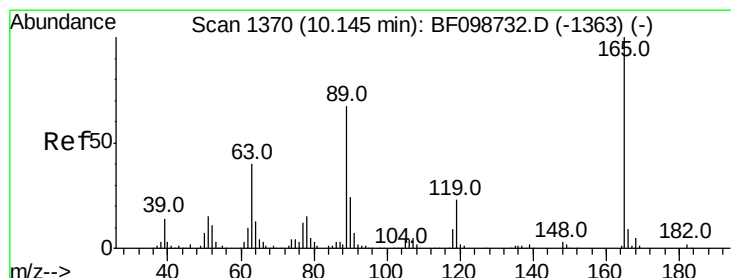
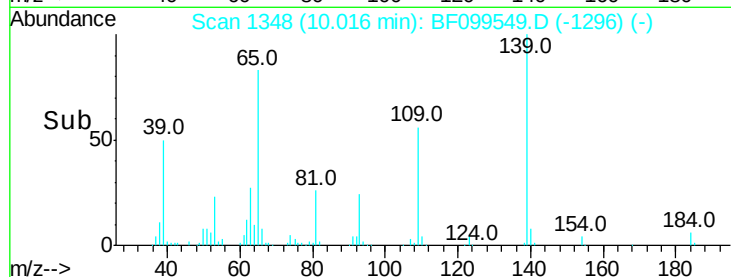
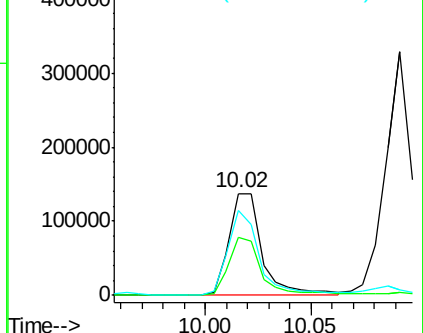
65 83.4 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.427 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Tgt Ion:165 Resp: 194887

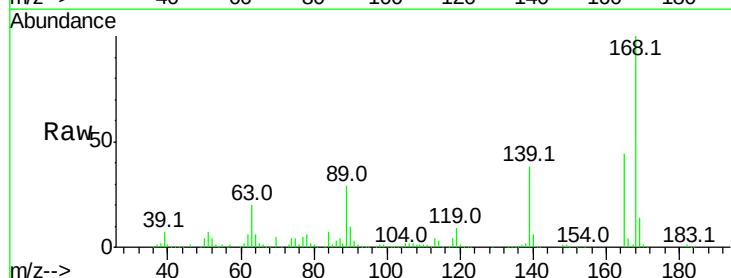
Ion Ratio Lower Upper

165 100

63 44.6 36.4 54.6

89 65.3 57.8 86.6

182 2.5 1.6 2.4#

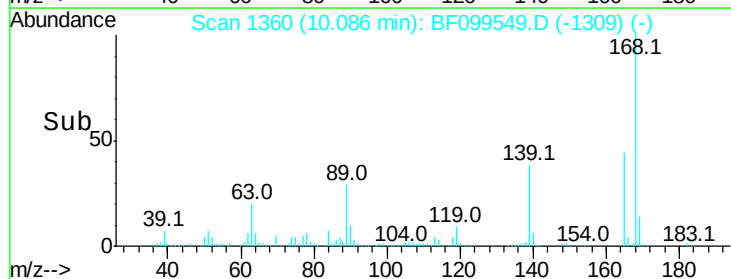
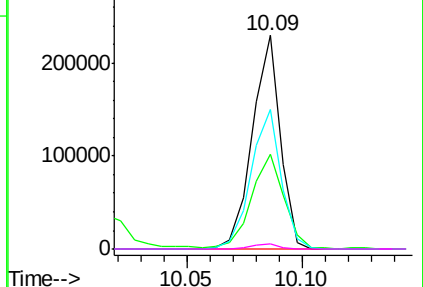


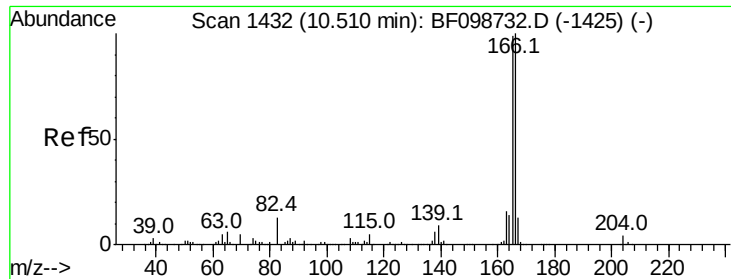
Abundance Ion 165.00 (164.70 to 165.70): E

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

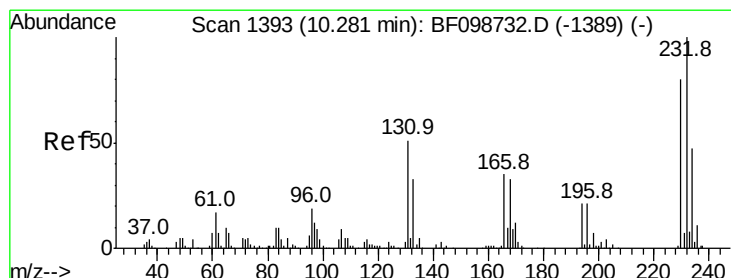
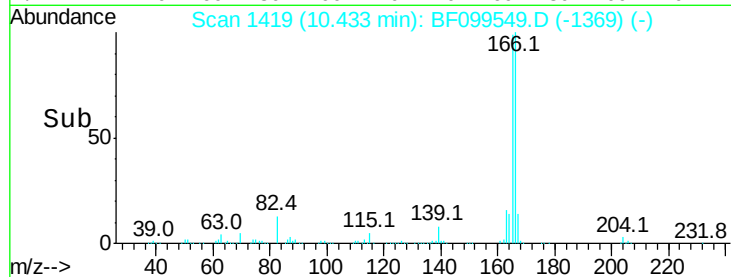
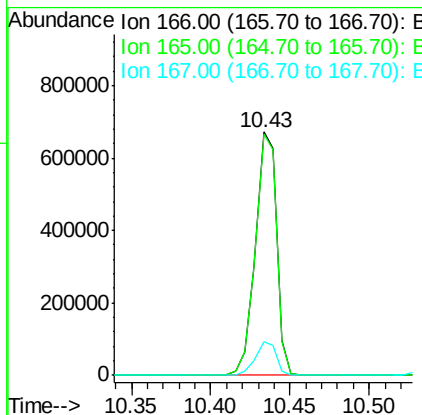
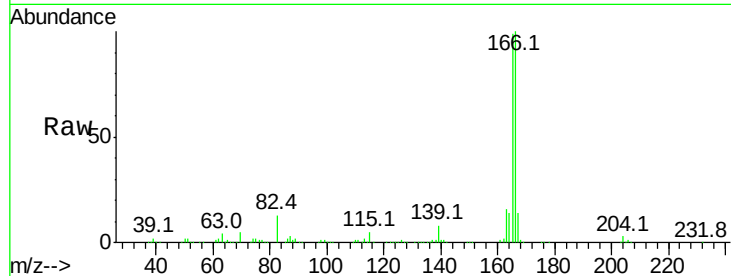




#57
 Fluorene
 Concen: 41.518 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

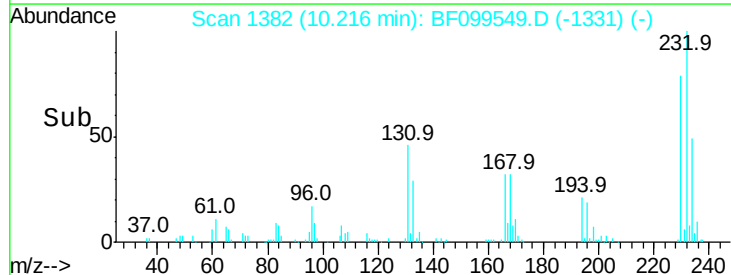
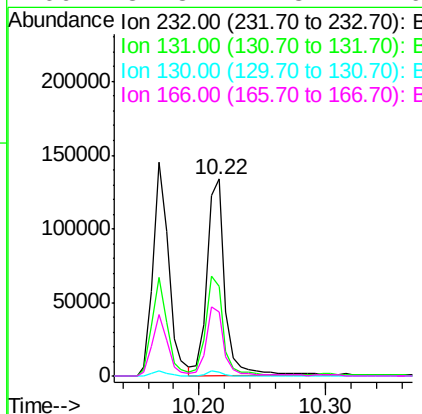
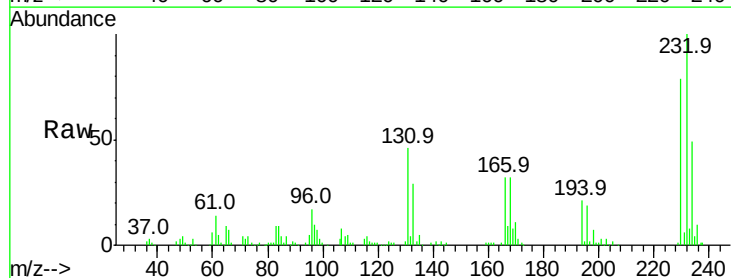
Instrument :
 BNA_F
 ClientSampleId :

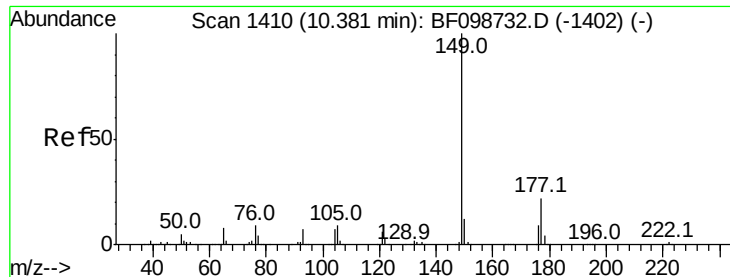
Tot Ion:166 Resp: 628510
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.8 119.8
 167 13.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.851 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

Tgt Ion:232 Resp: 131252
 Ion Ratio Lower Upper
 232 100
 131 49.5 43.8 65.8
 130 2.2 2.1 3.1
 166 34.8 27.8 41.6





#59

Diethylphthalate

Concen: 40.193 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Instrument :

BNA_F

ClientSampled :

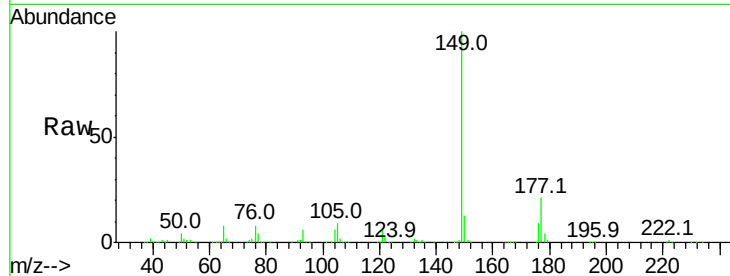
Tot Ion:149 Resp: 670091

Ion Ratio Lower Upper

149 100

177 21.2 16.1 24.1

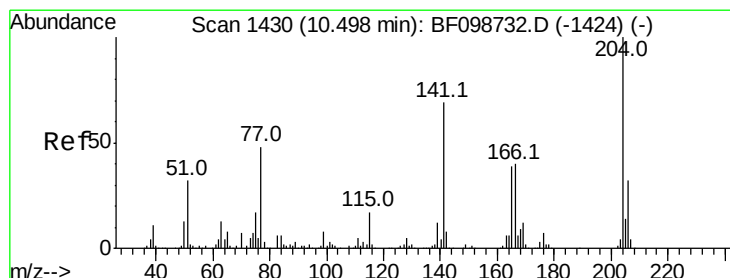
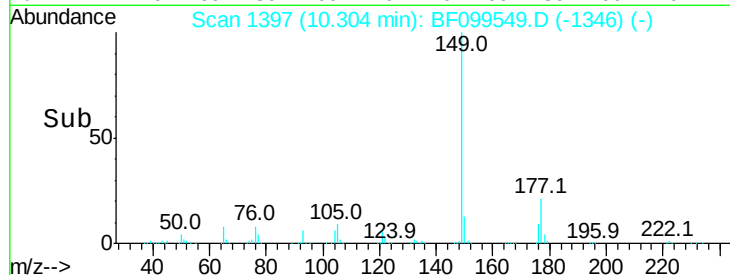
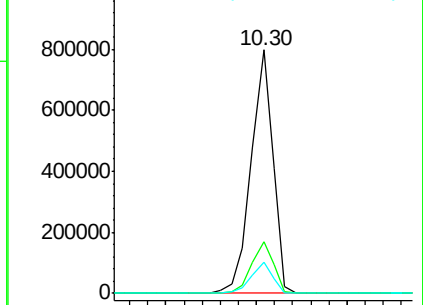
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.860 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

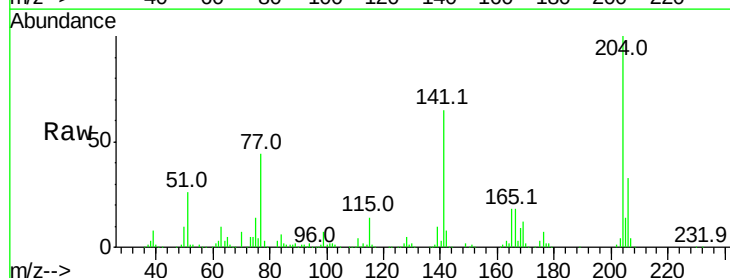
Tgt Ion:204 Resp: 284650

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

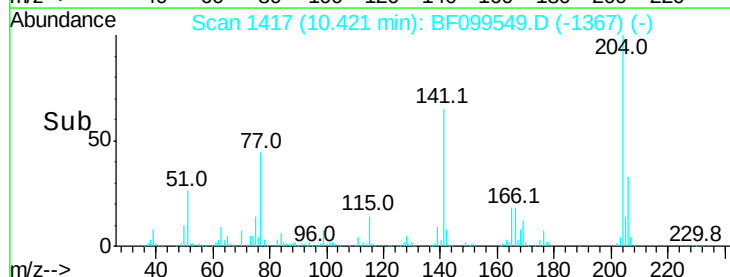
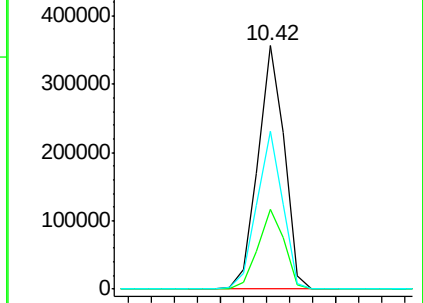
141 64.8 54.6 81.8

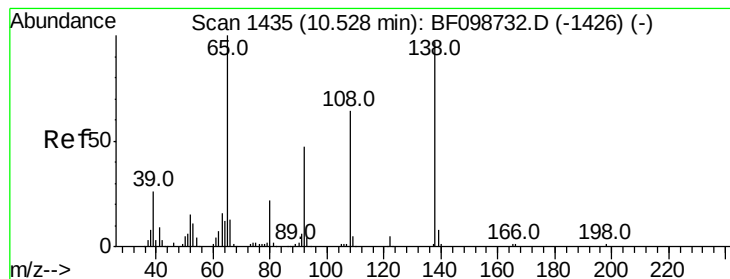


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.484 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Instrument :

BNA_F

ClientSampleId :

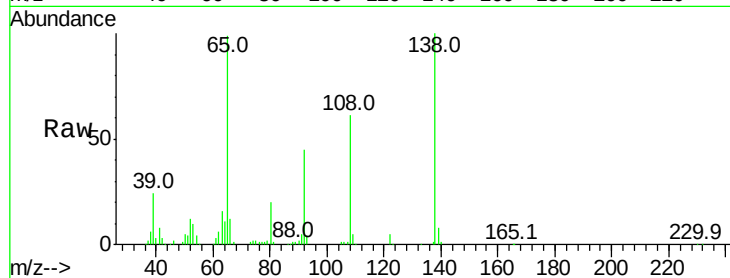
Tot Ion:138 Resp: 185875

Ion Ratio Lower Upper

138 100

92 45.3 30.2 70.2

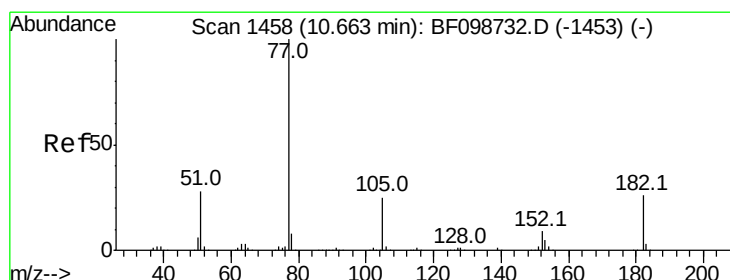
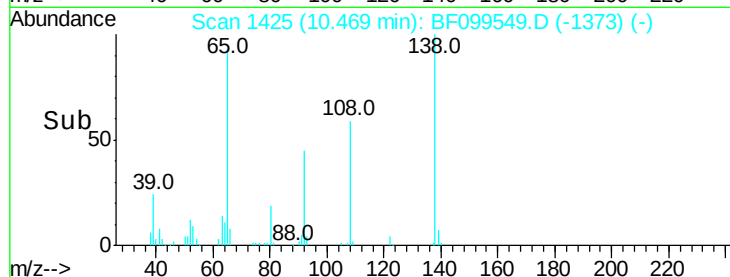
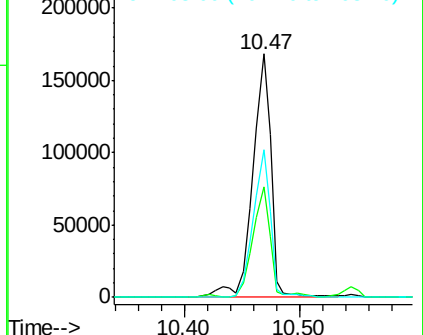
108 60.5 52.5 92.5



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: 37.665 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Tgt Ion: 77 Resp: 577386

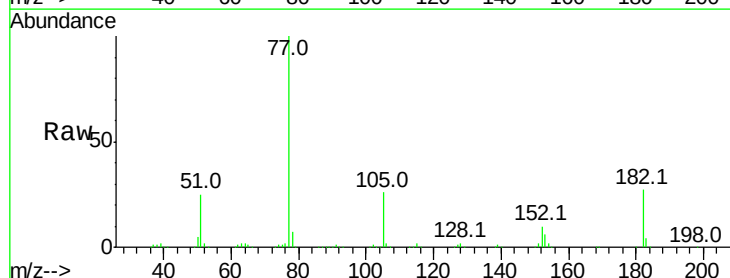
Ion Ratio Lower Upper

77 100

182 27.4 1.7 41.7

105 25.7 3.0 43.0

51 25.4 9.9 49.9

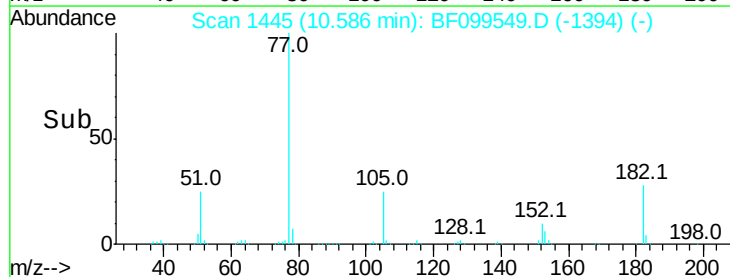
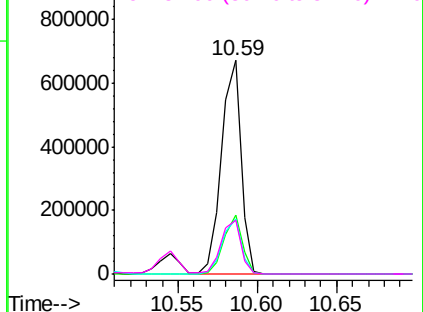


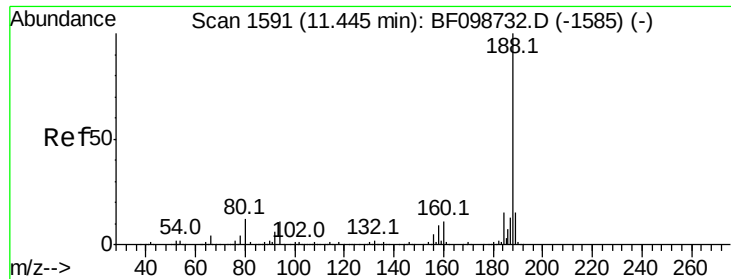
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

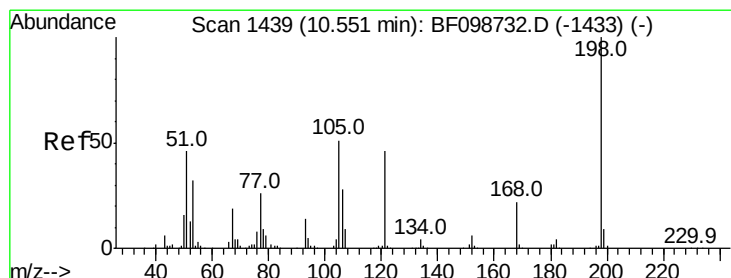
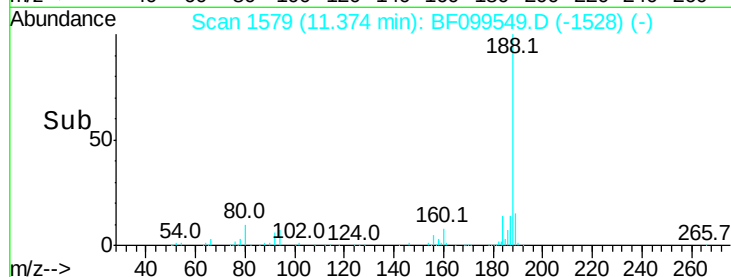
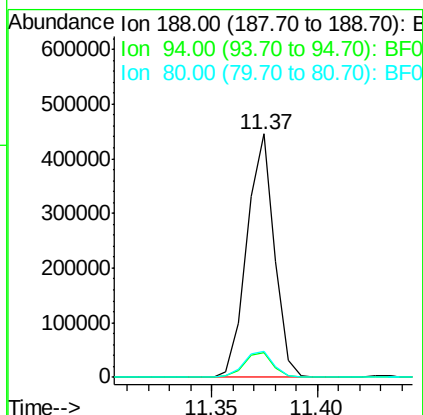
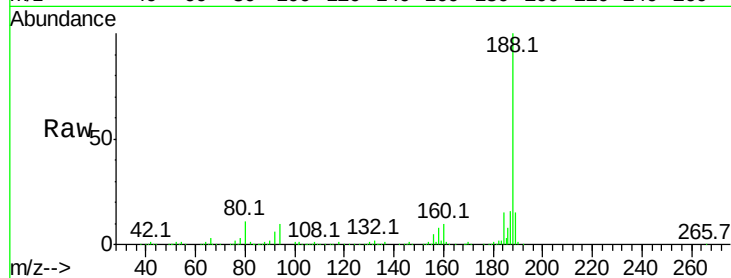




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099549.D
Acq: 16 Oct 2017 17:34

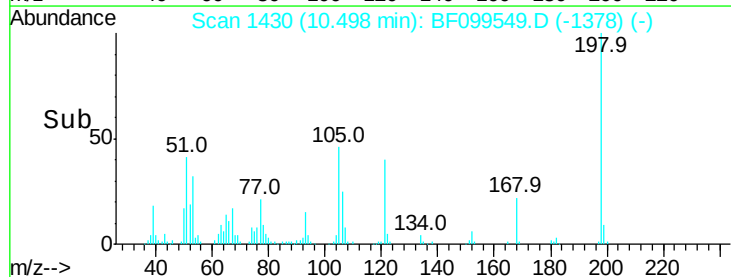
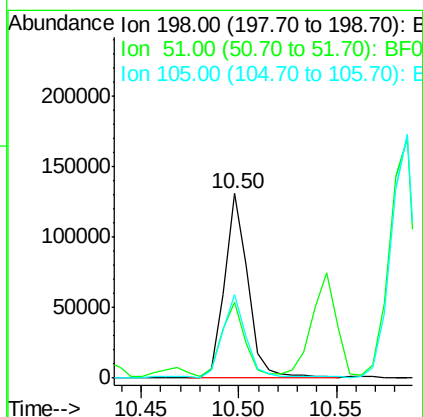
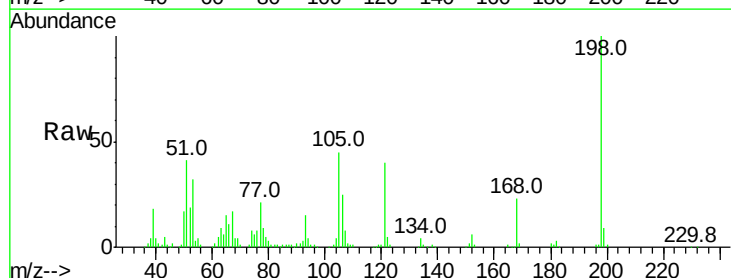
Instrument :
BNA_F
ClientSampleId :

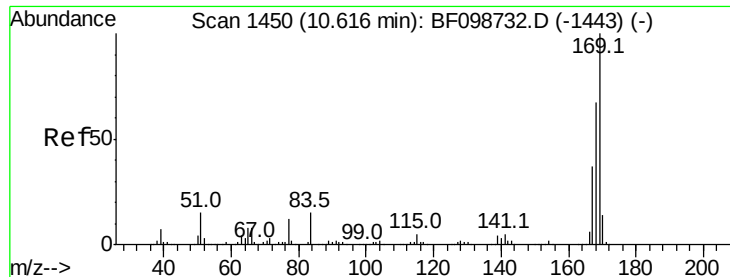
Tot Ion:188 Resp: 399870
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 45.210 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099549.D
Acq: 16 Oct 2017 17:34

Tgt Ion:198 Resp: 109993
Ion Ratio Lower Upper
198 100
51 41.2 37.7 77.7
105 45.4 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 40.615 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Instrument :

BNA_F

ClientSampleId :

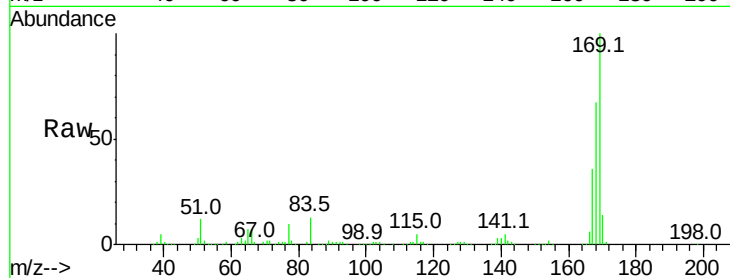
Tot Ion:169 Resp: 562632

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

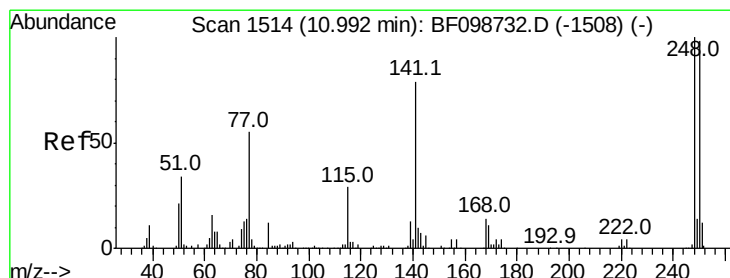
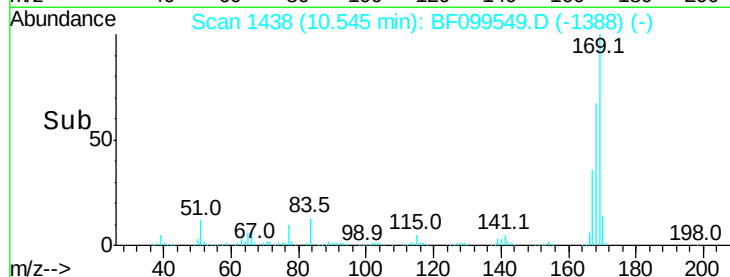
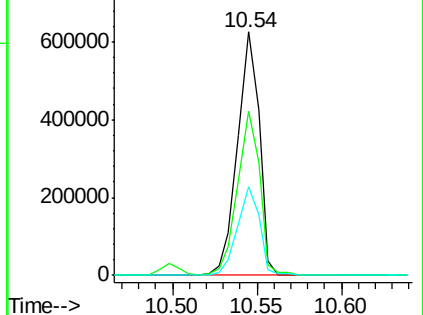
167 36.5 29.8 44.6



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: 42.489 ng

RT: 10.92 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

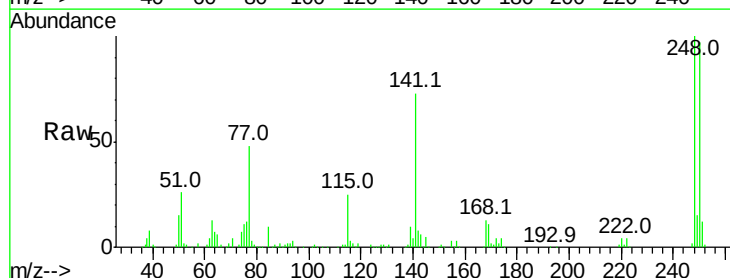
Tgt Ion:248 Resp: 166305

Ion Ratio Lower Upper

248 100

250 96.8 76.9 115.3

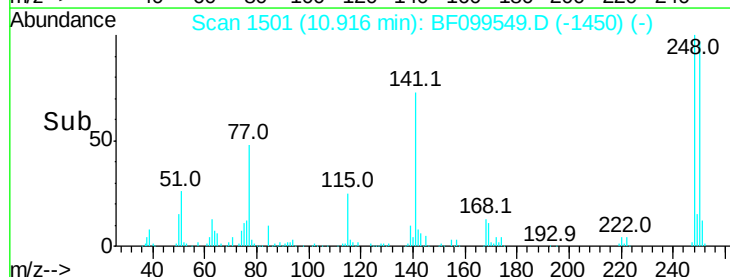
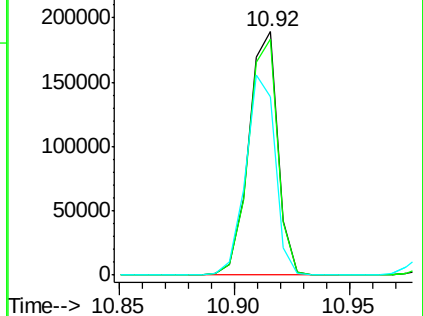
141 73.3 74.4 111.6#

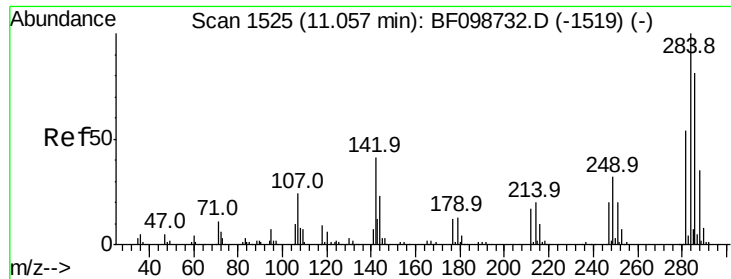


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

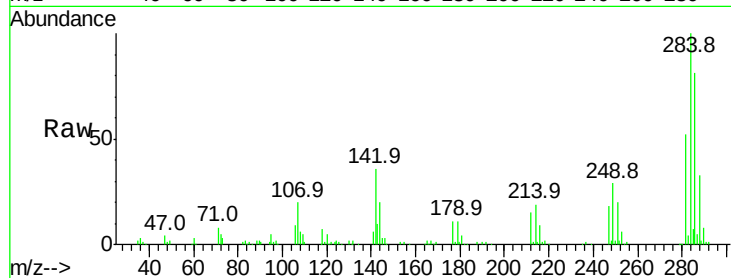




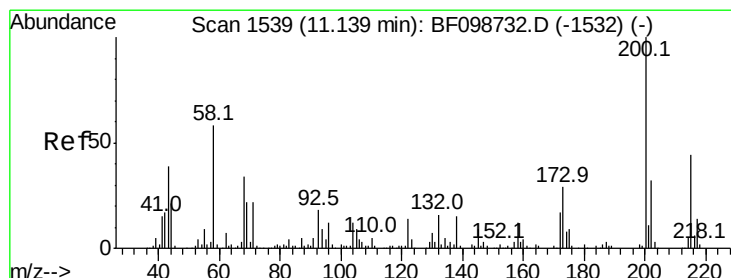
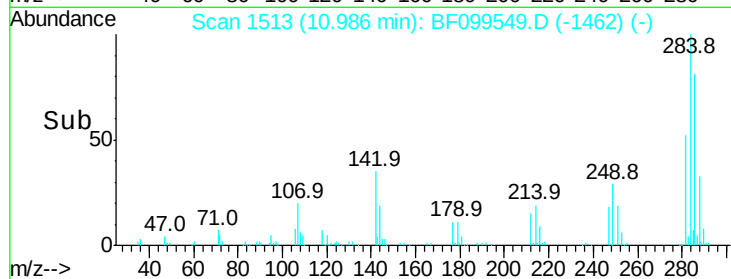
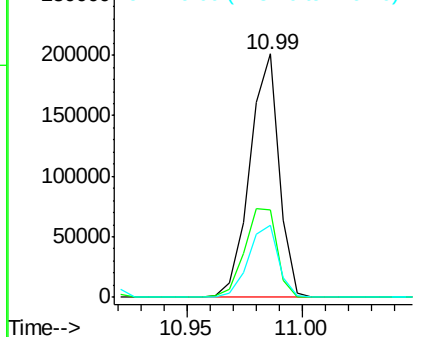
#67
Hexachlorobenzene
Concen: 42.603 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BF099549.D
Acq: 16 Oct 2017 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 178096
Ion Ratio Lower Upper
284 100
142 35.9 34.6 52.0
249 29.4 24.8 37.2

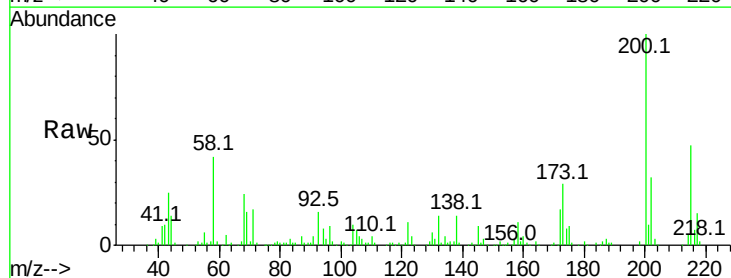


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

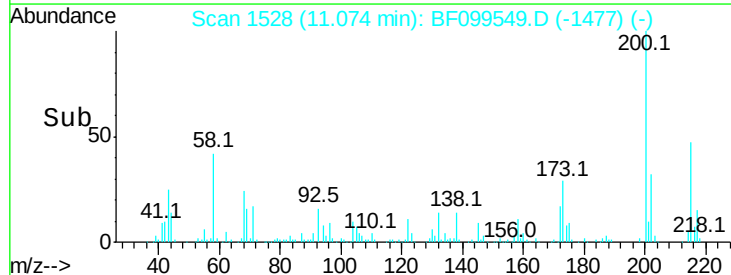
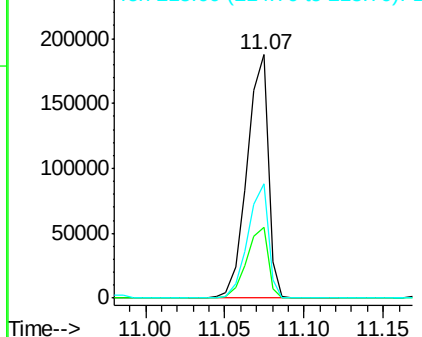


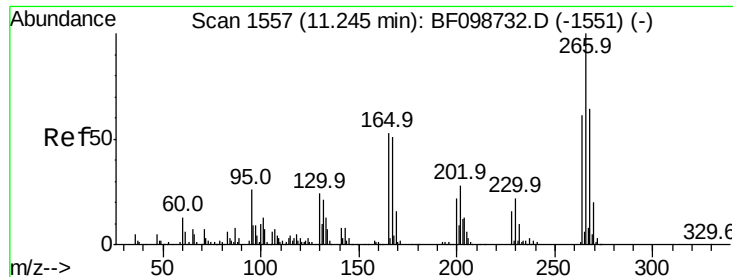
#68
Atrazine
Concen: 41.673 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF099549.D
Acq: 16 Oct 2017 17:34

Tgt Ion:200 Resp: 173688
Ion Ratio Lower Upper
200 100
173 28.8 8.6 48.6
215 46.8 25.1 65.1



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

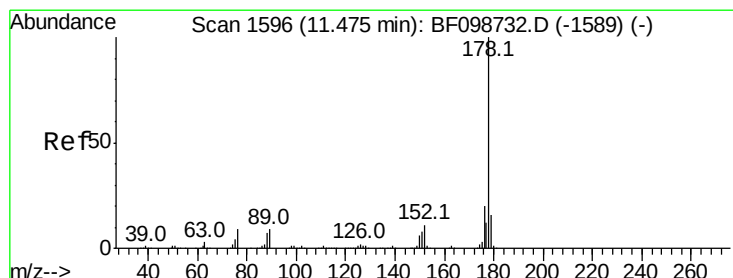
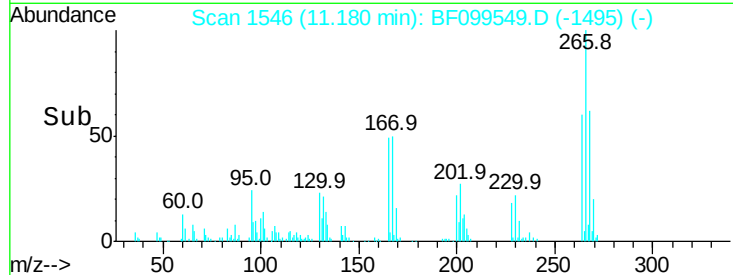
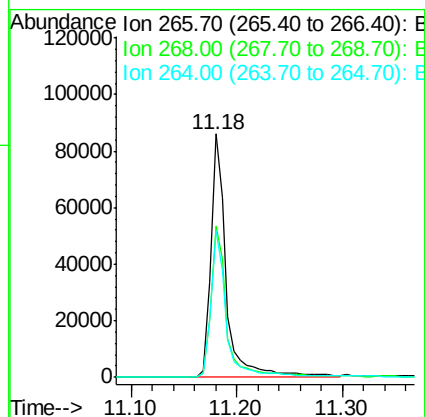
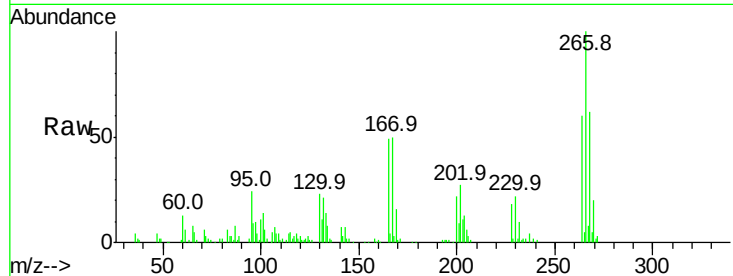




#69
 Pentachlorophenol
 Concen: 34.111 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.00 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

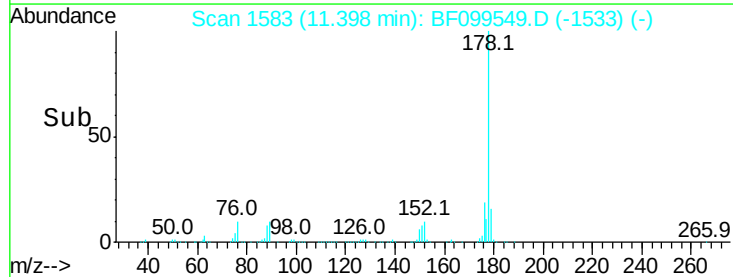
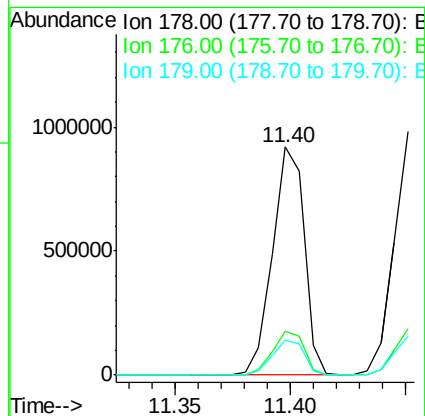
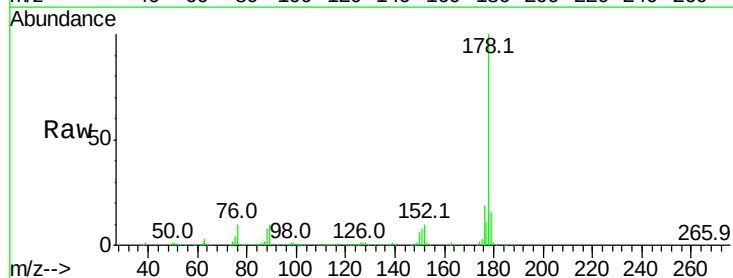
Instrument :
 BNA_F
 ClientSampleId :

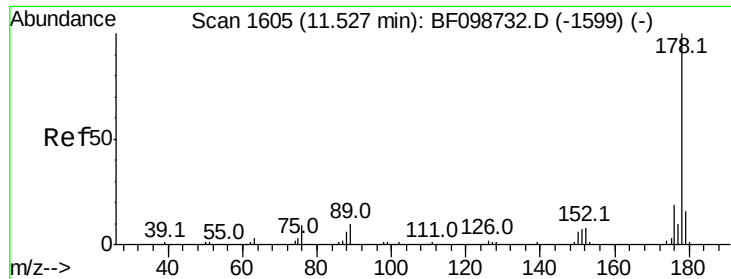
Tot Ion:266 Resp: 88747
 Ion Ratio Lower Upper
 266 100
 268 62.3 51.1 76.7
 264 60.0 49.5 74.3



#70
 Phenanthrene
 Concen: 40.926 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

Tgt Ion:178 Resp: 875981
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.6 13.0 19.6

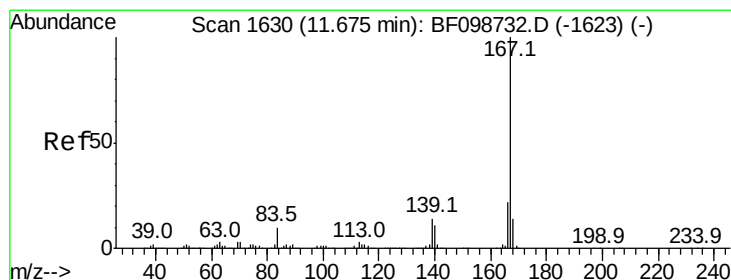
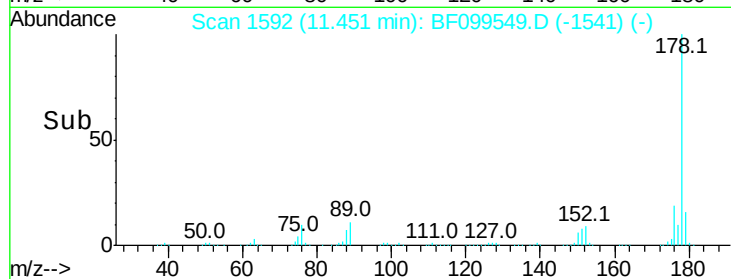
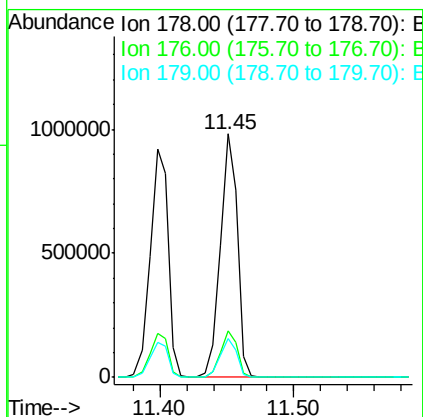
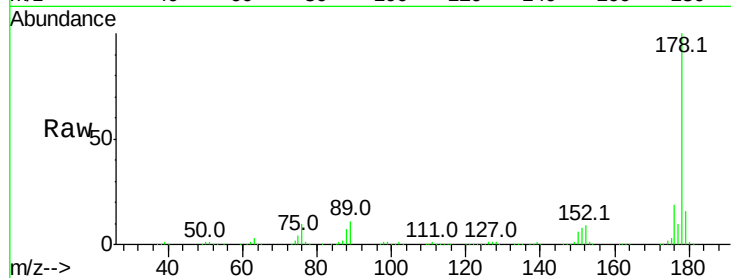




#71
 Anthracene
 Concen: 40.611 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

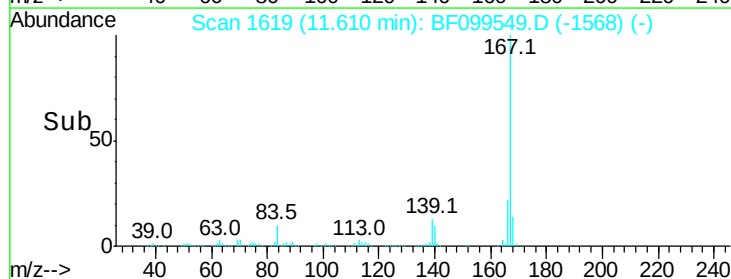
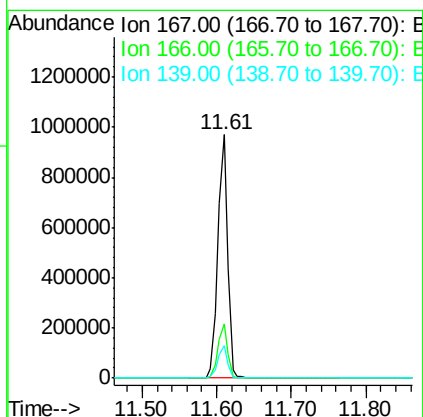
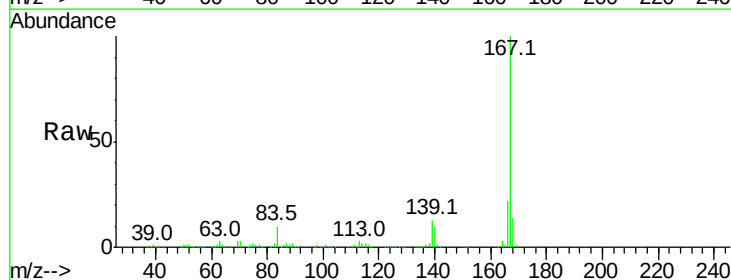
Instrument :
 BNA_F
 ClientSampled :

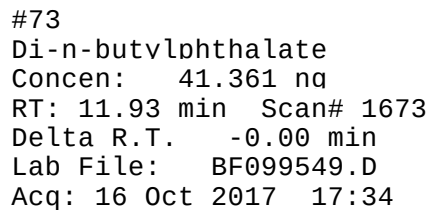
Tot Ion:178 Resp: 889386
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 40.505 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

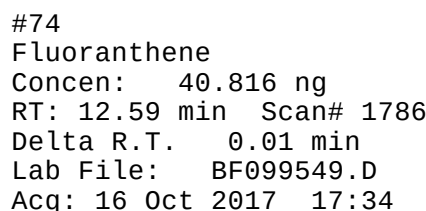
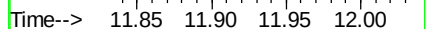
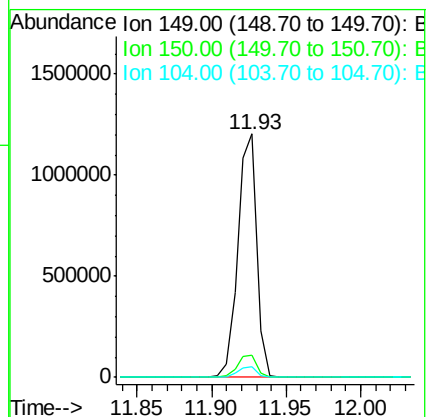
Tgt Ion:167 Resp: 868680
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.2 10.9 16.3



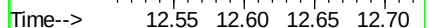
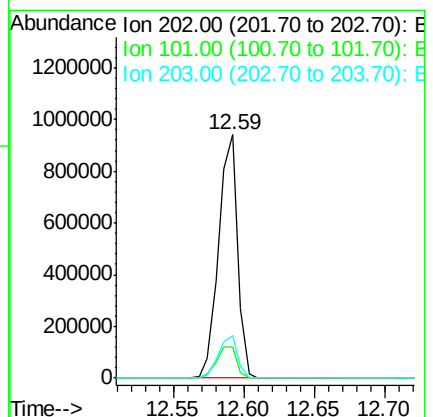


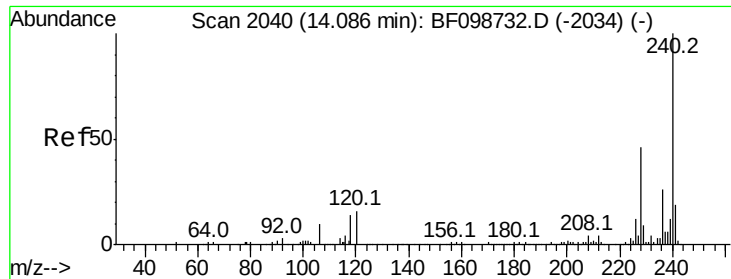
Instrument :
BNA_F
ClientSampleId :

Tot	Ion:149	Resp:	1067709
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.2	3.8	5.8



Tgt	Ion:202	Resp:	884635
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.1
203	17.7	0.0	38.1

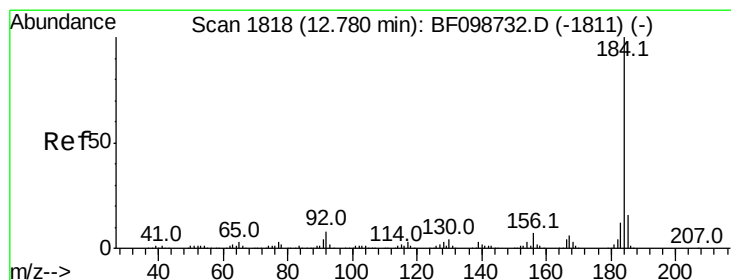
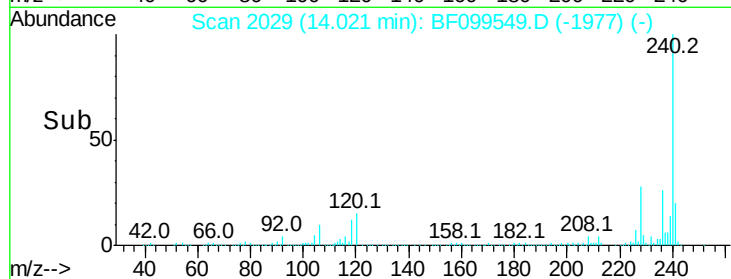
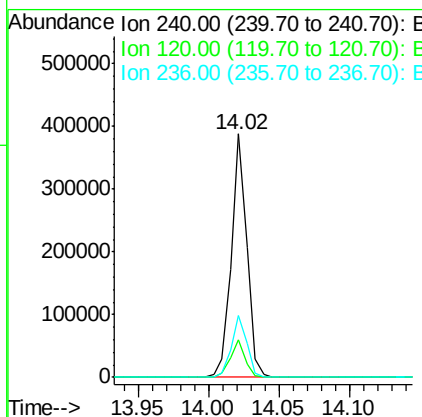
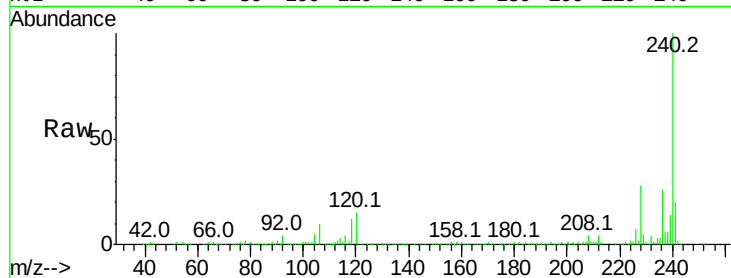




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

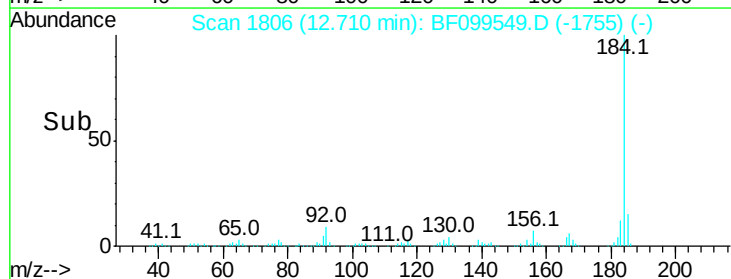
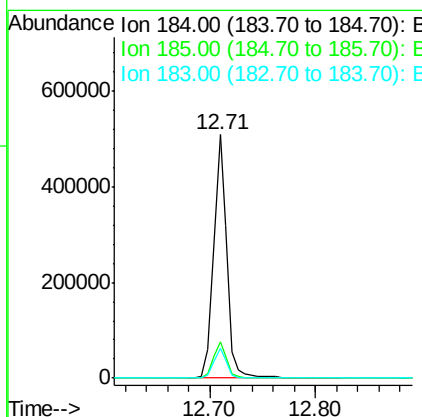
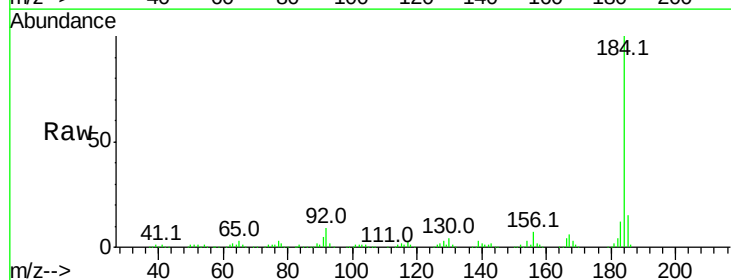
Instrument :
 BNA_F
 ClientSampleId :

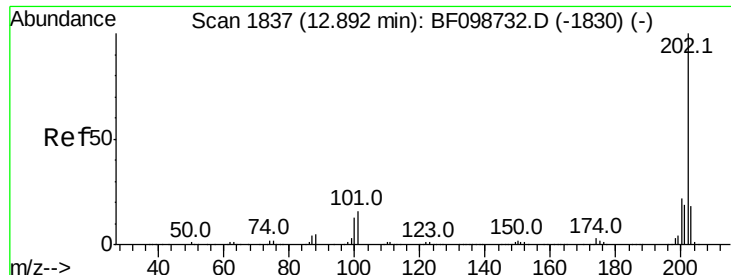
Tot Ion:240 Resp: 295617
 Ion Ratio Lower Upper
 240 100
 120 15.5 9.5 14.3#
 236 25.5 20.7 31.1



#76
 Benzidine
 Concen: 41.535 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

Tgt Ion:184 Resp: 454135
 Ion Ratio Lower Upper
 184 100
 185 15.2 12.6 18.8
 183 12.0 9.3 13.9

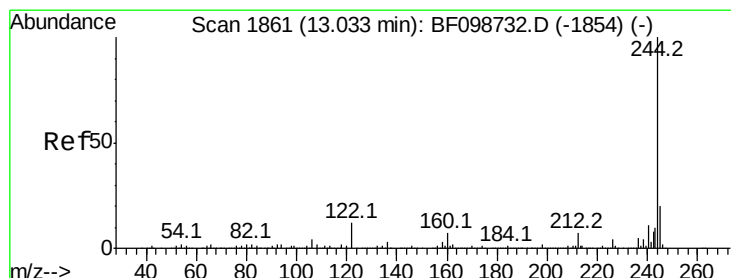
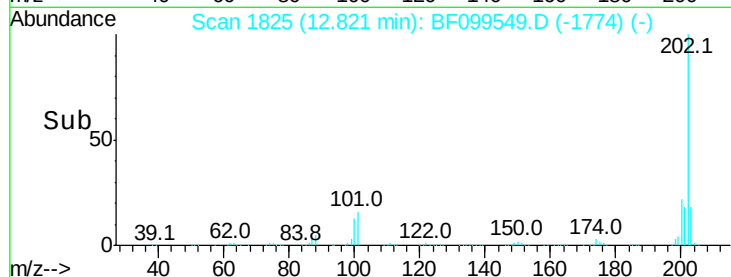
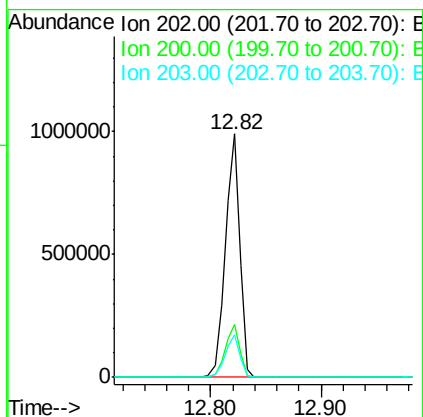
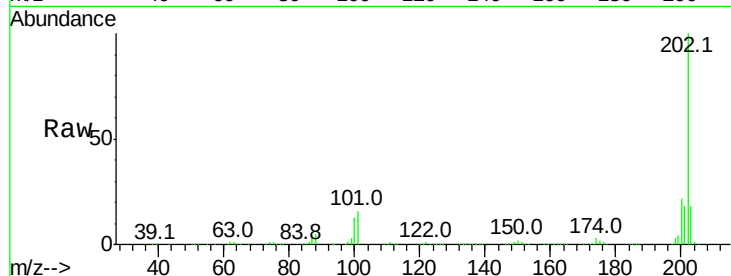




#77
 Pvrene
 Concen: 40.168 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

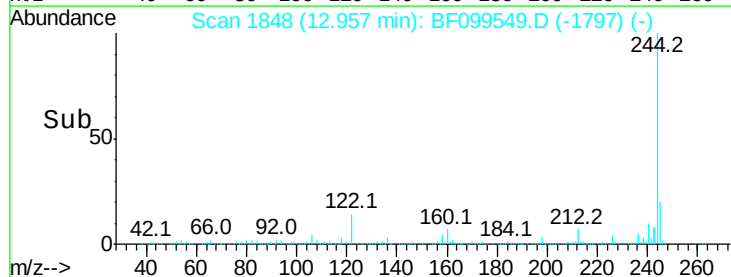
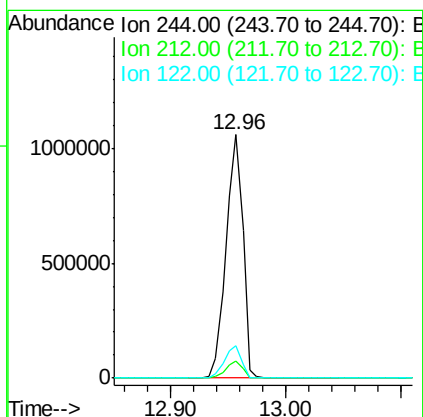
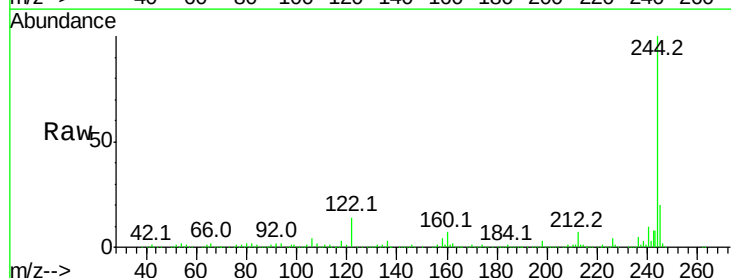
Instrument :
 BNA_F
 ClientSampleId :

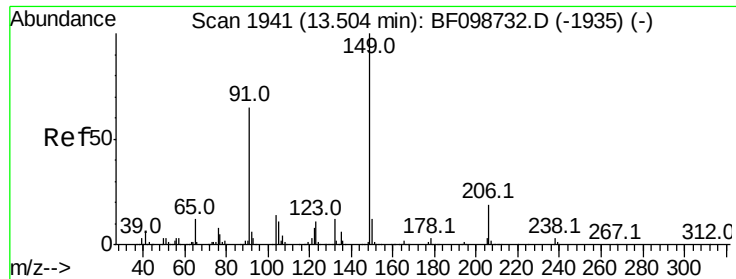
Tot Ion:202 Resp: 905470
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.4 26.2
 203 17.7 14.3 21.5



#78
 Terphenyl-d14
 Concen: 81.749 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

Tgt Ion:244 Resp: 1062627
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.6 11.0 16.4

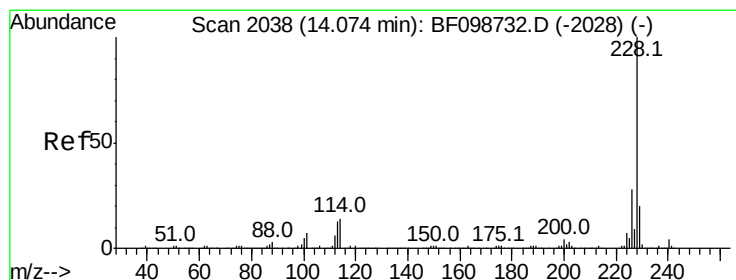
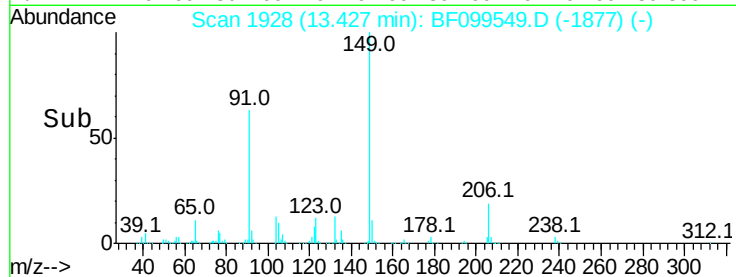
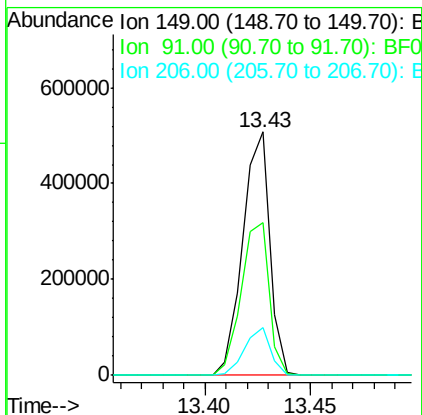
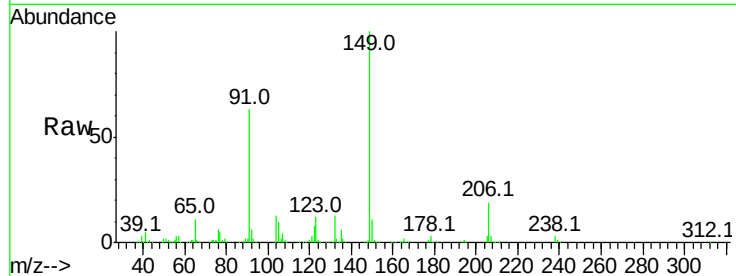




#79
 Butylbenzylphthalate
 Concen: 42.643 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

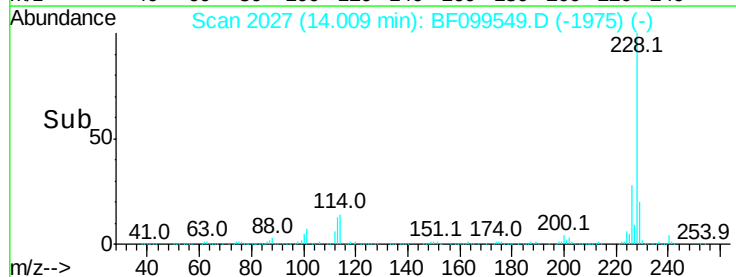
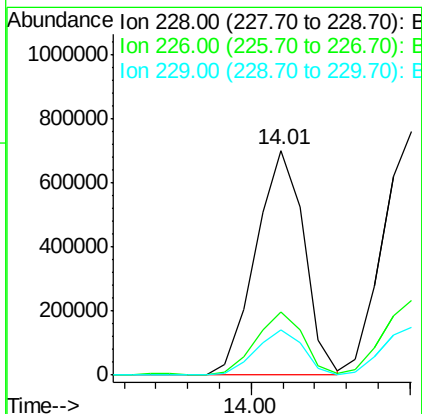
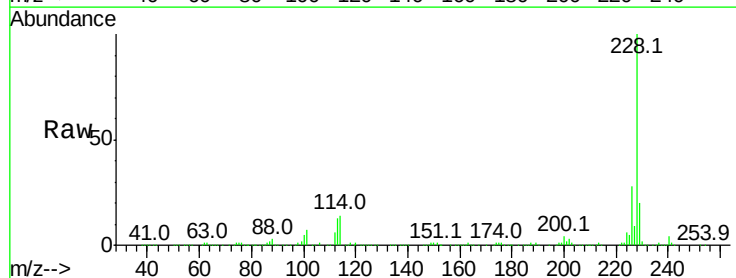
Instrument :
 BNA_F
 ClientSampleId :

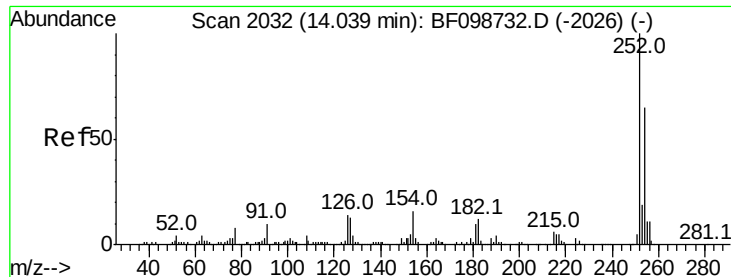
Tot Ion:	149	Resp:	451764
Ion	Ratio	Lower	Upper
149	100		
91	62.6	56.8	85.2
206	19.4	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 41.445 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

Tgt Ion:	228	Resp:	741878
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.3	15.8	23.6

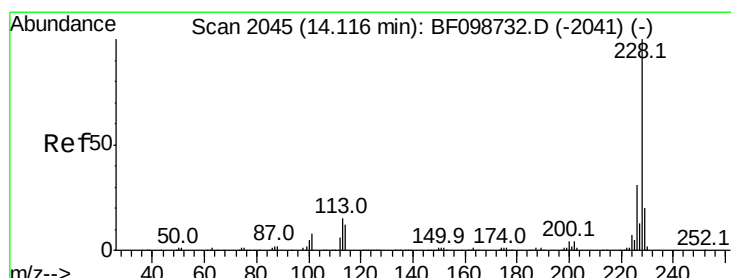
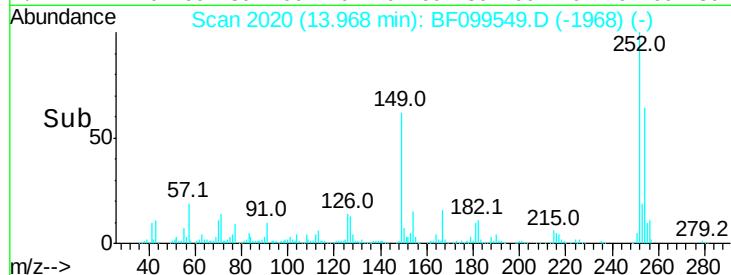
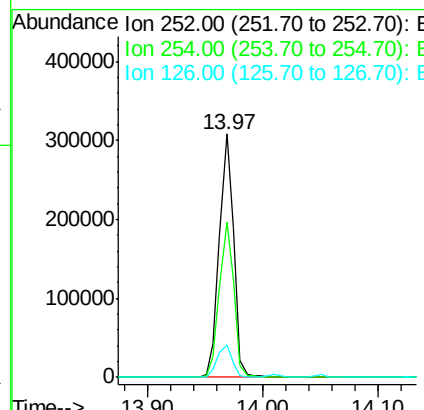
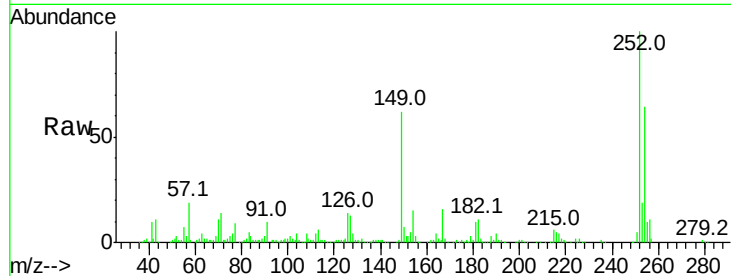




#81
 3,3'-Dichlorobenzidine
 Concen: 40.634 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

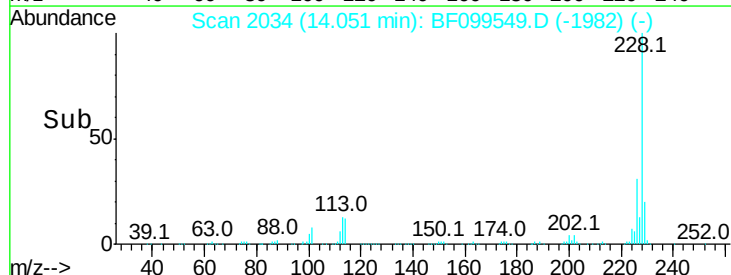
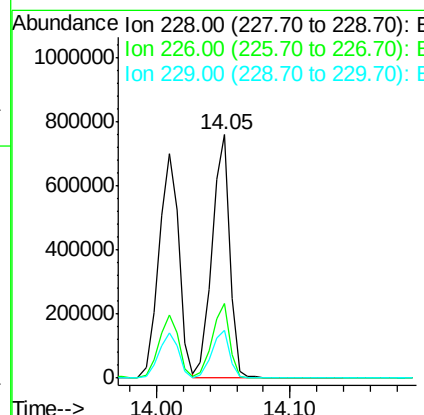
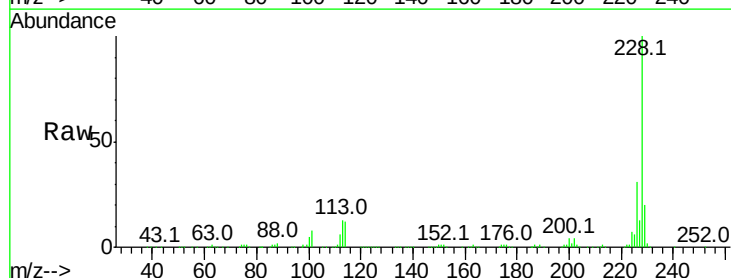
Instrument :
 BNA_F
 ClientSampleId :

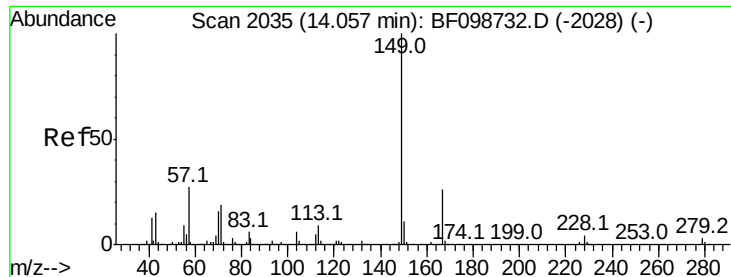
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.4	75.6
126	13.5	11.3	16.9



#82
 Chrysene
 Concen: 41.330 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.271 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Instrument :

BNA_F

ClientSampleId :

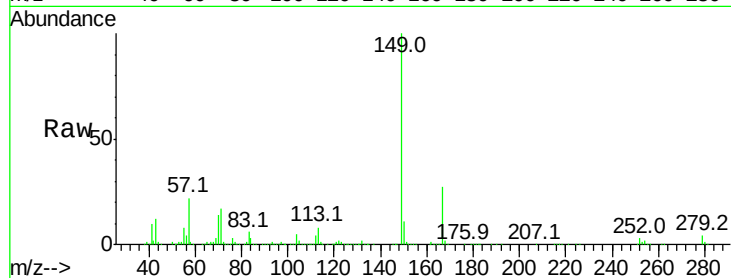
Tot Ion:149 Resp: 602039

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

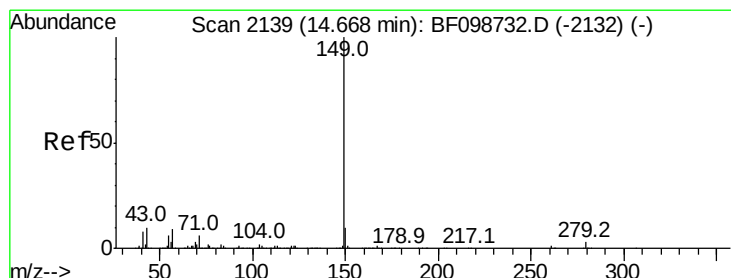
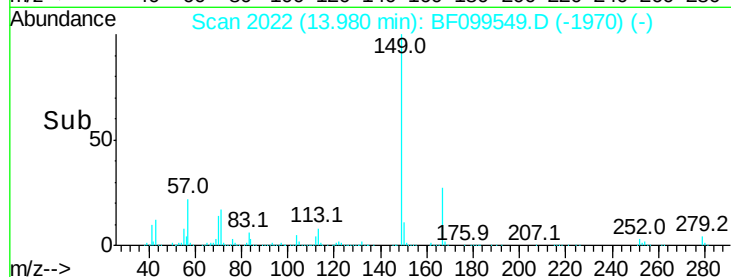
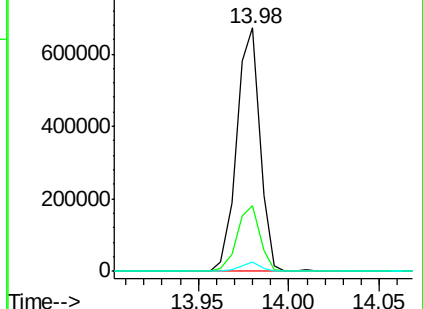
279 3.6 3.0 4.4



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: 45.261 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

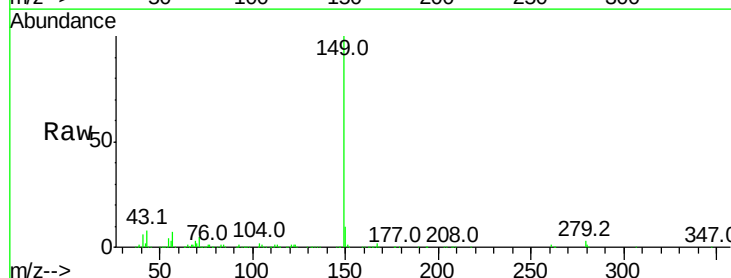
Tgt Ion:149 Resp: 1063140

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

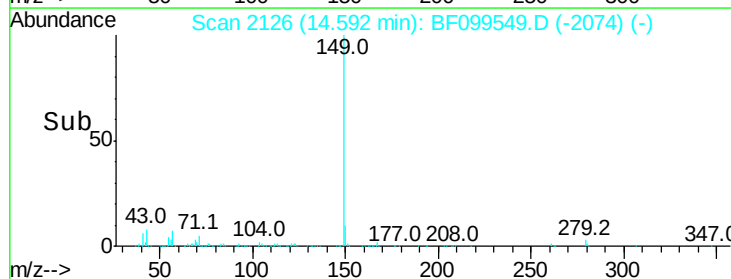
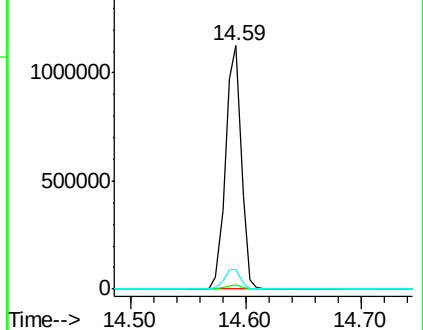
43 8.5 8.4 12.6

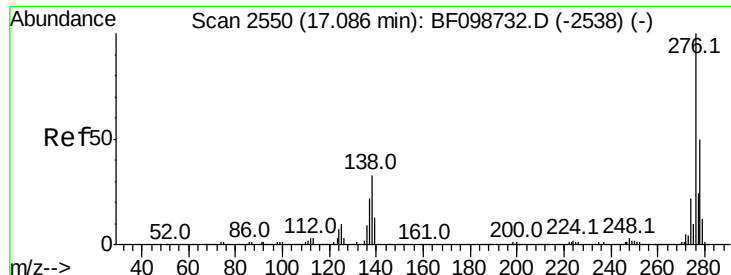


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

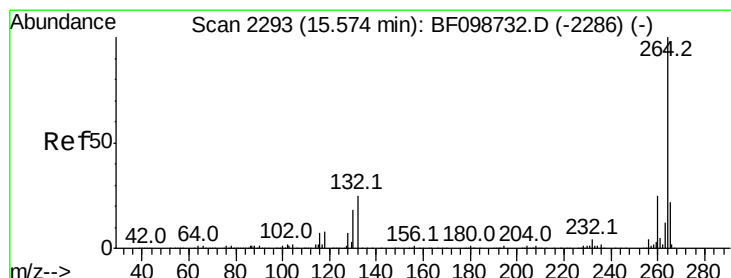
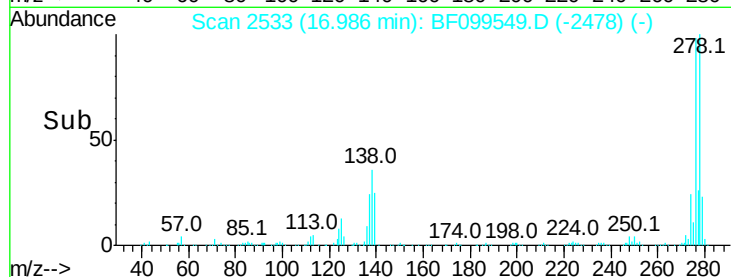
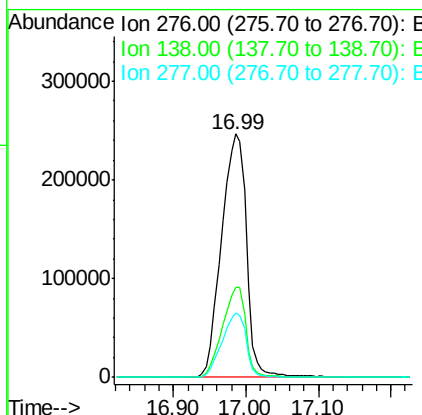
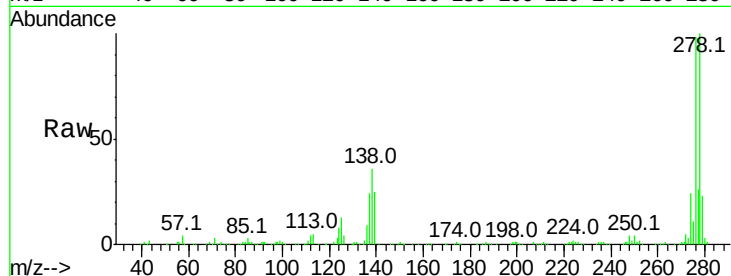




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.453 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.02 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

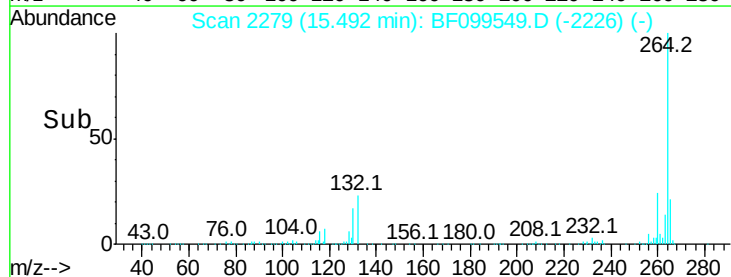
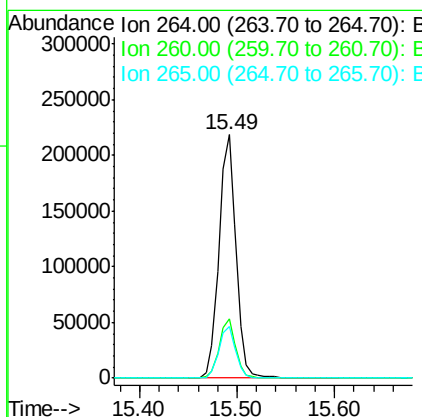
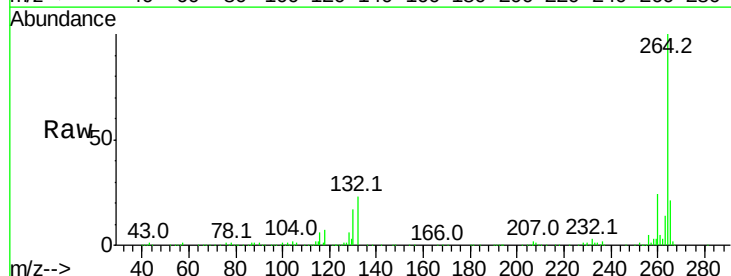
Instrument :
 BNA_F
 ClientSampleId :

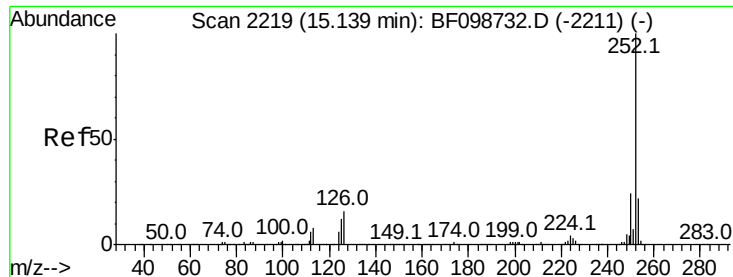
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.7	25.0	37.6
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF099549.D
 Acq: 16 Oct 2017 17:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.1	17.5	26.3

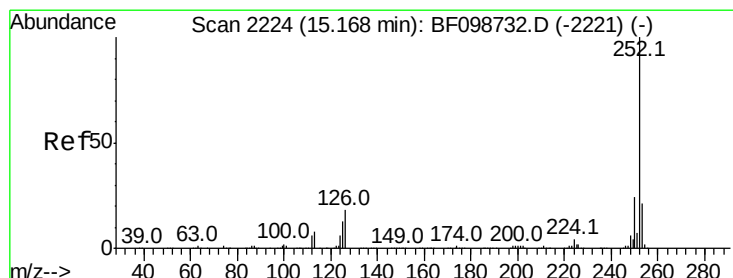
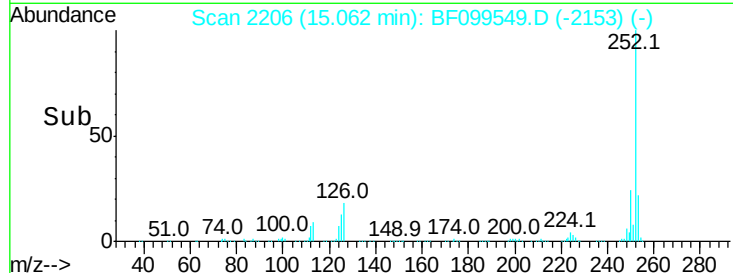
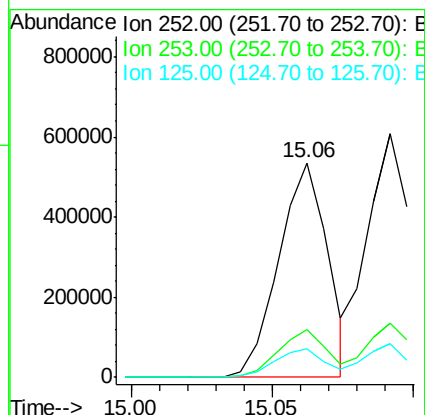
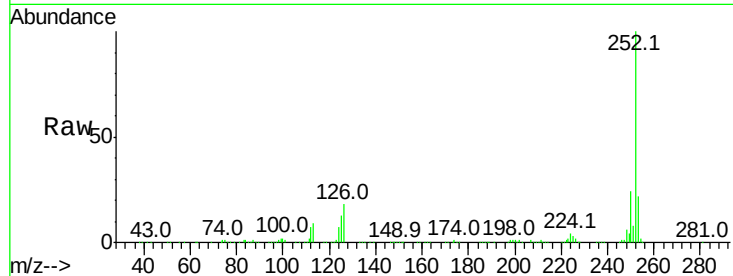




#87
Benzo(b)fluoranthene
Concen: 39.629 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF099549.D
Acq: 16 Oct 2017 17:34

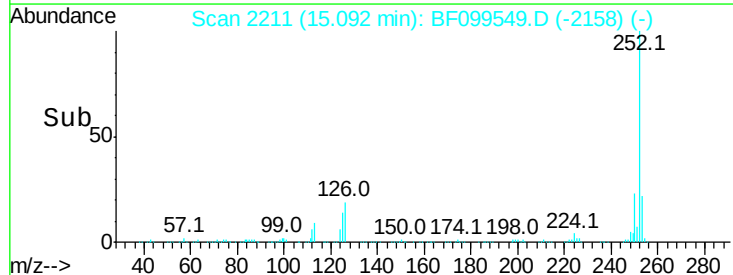
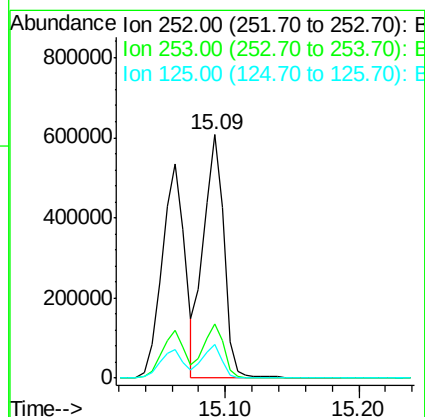
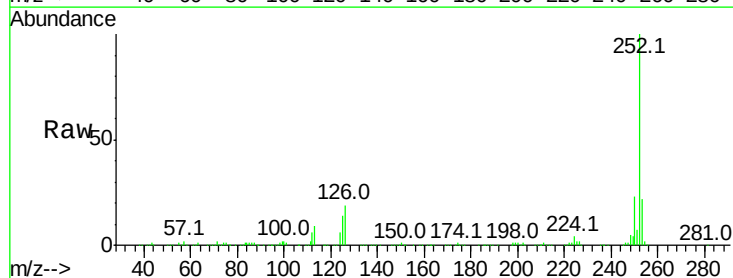
Instrument :
BNA_F
ClientSampleId :

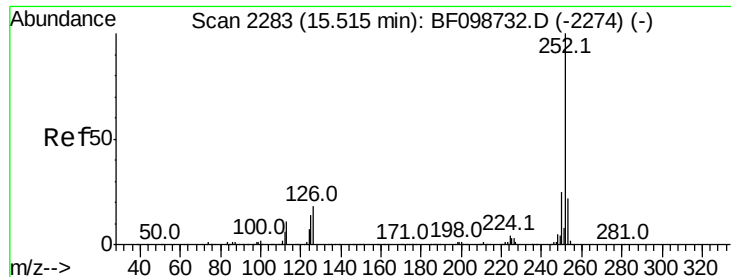
Tot Ion:252 Resp: 642085
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 13.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.251 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF099549.D
Acq: 16 Oct 2017 17:34

Tgt Ion:252 Resp: 644143
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 13.8 10.2 15.2





#89

Benzo(a)pyrene

Concen: 40.949 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Instrument :

BNA_F

ClientSampleId :

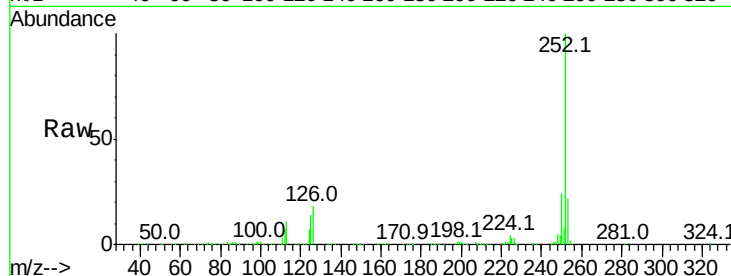
Tot Ion:252 Resp: 609022

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

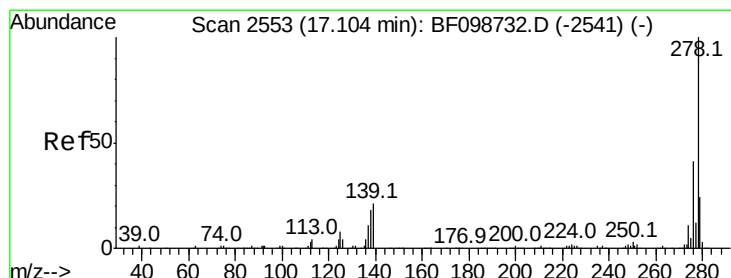
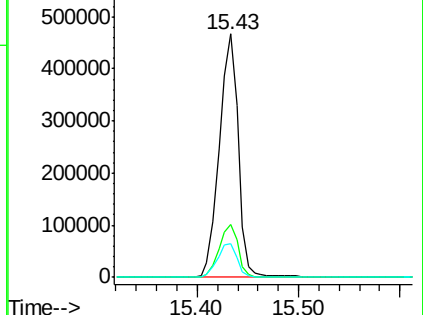
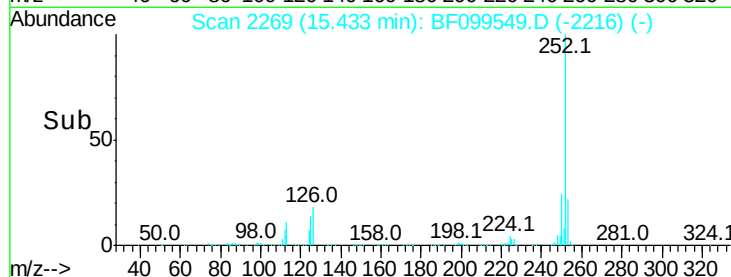
125 14.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.342 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.02 min

Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

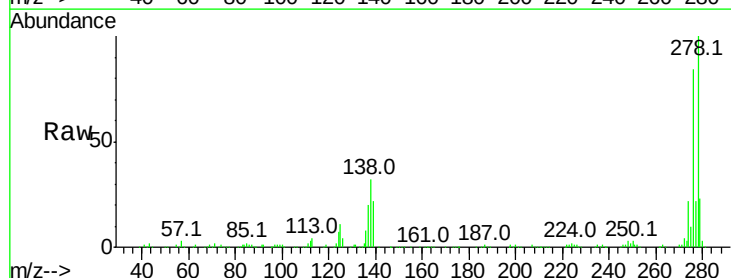
Tgt Ion:278 Resp: 480170

Ion Ratio Lower Upper

278 100

139 22.2 15.9 23.9

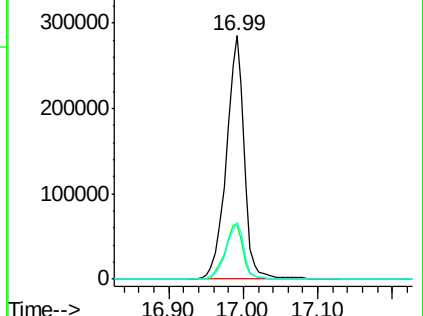
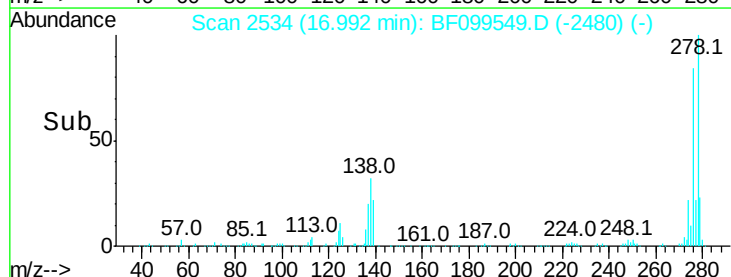
279 23.1 19.0 28.4

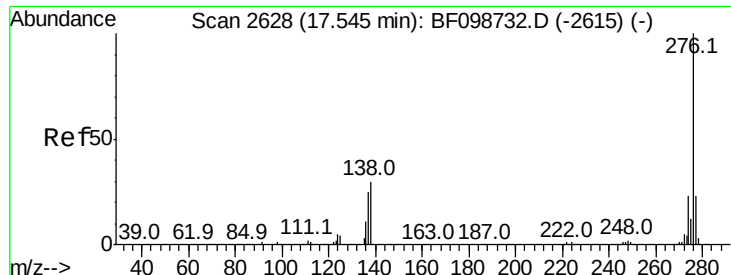


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.800 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.02 min

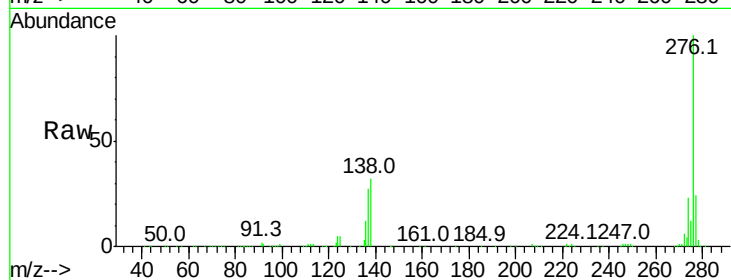
Lab File: BF099549.D

Acq: 16 Oct 2017 17:34

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 491789

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 31.9 21.8 32.8

