

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098417.D
 Acq On : 11 Sep 2017 22:16
 Operator : SJ/JU
 Sample : I5138-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

Quant Time: Sep 12 01:40:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 11 19:42:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	237353	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1007627	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	437809	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	756764	20.00	ng	0.00
75) Chrysene-d12	13.82	240	409078	20.00	ng	0.00
86) Perylene-d12	15.22	264	352726	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2158742	134.47	ng	0.02
7) Phenol-d6	6.33	99	2663183	130.66	ng	0.01
23) Nitrobenzene-d5	7.25	82	1762252	97.50	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	444606	152.16	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	2334671	90.38	ng	0.00
78) Terphenyl-d14	12.77	244	1714773	90.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	295425	35.655	ng	88
3) Pyridine	3.06	79	865053	39.313	ng	# 83
4) n-Nitrosodimethylamine	3.02	42	490238	45.444	ng	93
6) Aniline	6.34	93	909904	35.584	ng	# 3
8) 2-Chlorophenol	6.46	128	790725	44.794	ng	95
9) Benzaldehyde	6.22	77	601317	45.130	ng	94
10) Phenol	6.35	94	1090409	46.058	ng	87
11) bis(2-Chloroethyl)ether	6.42	93	828595	46.421	ng	92
12) 1,3-Dichlorobenzene	6.61	146	773892	43.556	ng	97
13) 1,4-Dichlorobenzene	6.69	146	783668	43.060	ng	# 93
14) 1,2-Dichlorobenzene	6.84	146	707265	42.655	ng	99
15) Benzyl Alcohol	6.83	79	639467	47.141	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1315057	44.777	ng	83
17) 2-Methylphenol	6.95	107	675851	46.952	ng	# 89
18) Hexachloroethane	7.17	117	306833	44.023	ng	# 81
19) n-Nitroso-di-n-propylamine	7.10	70	581769	45.377	ng	99
20) 3+4-Methylphenols	7.10	107	846395	46.594	ng	# 80
22) Acetophenone	7.09	105	1151178	44.203	ng	# 94
24) Nitrobenzene	7.26	77	913256	44.360	ng	98
25) Isophorone	7.50	82	1707641	46.697	ng	100
26) 2-Nitrophenol	7.57	139	440278	52.966	ng	# 78
27) 2,4-Dimethylphenol	7.63	122	734001	46.321	ng	97
28) bis(2-Chloroethoxy)methane	7.71	93	1071917	48.038	ng	99
29) 2,4-Dichlorophenol	7.82	162	642746	48.771	ng	94
30) 1,2,4-Trichlorobenzene	7.90	180	653069	45.555	ng	100
31) Naphthalene	7.97	128	2231763	44.803	ng	99
32) Benzoic acid	7.73	122	55590	12.331	ng	95
33) 4-Chloroaniline	8.03	127	754722	37.280	ng	99
34) Hexachlorobutadiene	8.09	225	333561	45.323	ng	99
35) Caprolactam	8.42	113	117084	25.764	ng	# 66
36) 4-Chloro-3-methylphenol	8.53	107	737489	45.123	ng	85
37) 2-Methylnaphthalene	8.67	142	1445956	47.922	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	589013	43.190	ng	98
40) Hexachlorocyclopentadiene	8.82	237	376752	92.575	ng	100

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098417.D
 Acq On : 11 Sep 2017 22:16
 Operator : SJ/JU
 Sample : I5138-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

Quant Time: Sep 12 01:40:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 11 19:42:20 2017
 Response via : Initial Calibration

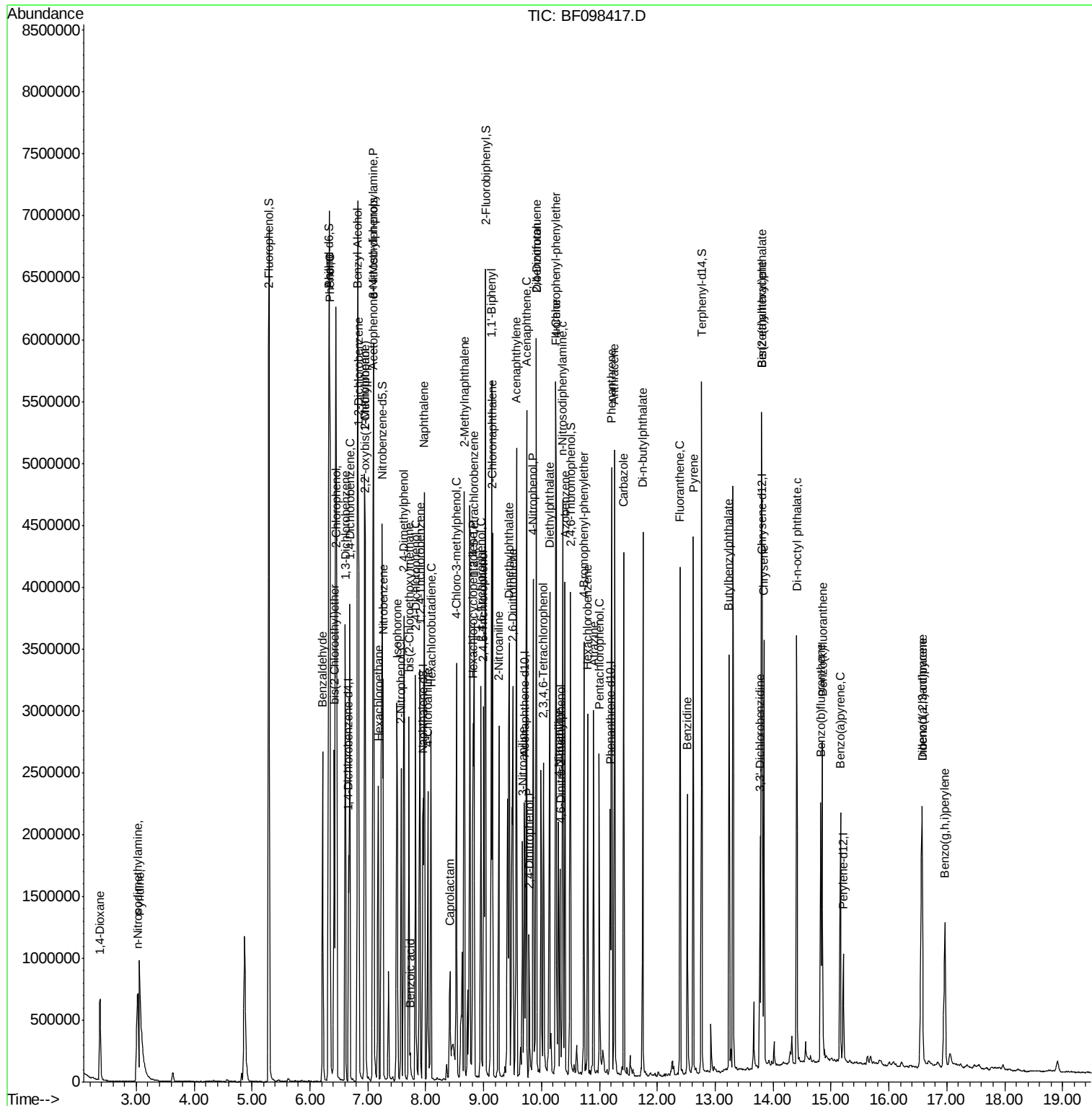
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	398154	49.705	nq	94
43) 2,4,5-Trichlorophenol	9.00	196	411051	49.095	nq	95
45) 1,1'-Biphenyl	9.13	154	1698297	43.339	nq	97
46) 2-Chloronaphthalene	9.16	162	1287928	46.020	nq	# 93
47) 2-Nitroaniline	9.26	65	535864	49.887	nq	98
48) Acenaphthylene	9.57	152	1846811	44.383	nq	99
49) Dimethylphthalate	9.44	163	1977365	58.347	nq	100
50) 2,6-Dinitrotoluene	9.50	165	346263	49.740	nq	# 67
51) Acenaphthene	9.74	154	1188771	44.943	nq	98
52) 3-Nitroaniline	9.67	138	301474	35.876	nq	98
53) 2,4-Dinitrophenol	9.79	184	127955	43.266	nq	# 76
54) Dibenzofuran	9.91	168	1613125	46.293	nq	97
55) 4-Nitrophenol	9.86	139	465292	96.375	nq	# 41
56) 2,4-Dinitrotoluene	9.91	165	399688	47.226	nq	# 49
57) Fluorene	10.26	166	1242274	43.071	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	292791	52.035	nq	99
59) Diethylphthalate	10.14	149	1476199	45.801	nq	97
60) 4-Chlorophenyl-phenylether	10.25	204	589009	44.214	nq	92
61) 4-Nitroaniline	10.29	138	375185	44.210	nq	84
62) Azobenzene	10.40	77	1614591	46.480	nq	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	179955	39.724	nq	87
65) n-Nitrosodiphenylamine	10.37	169	1184199	48.192	nq	98
66) 4-Bromophenyl-phenylether	10.73	248	356097	49.579	nq	97
67) Hexachlorobenzene	10.80	284	337054	46.265	nq	# 81
68) Atrazine	10.90	200	358106	47.338	nq	98
69) Pentachlorophenol	11.00	266	284967	87.638	nq	95
70) Phenanthrene	11.21	178	1833087	45.692	nq	99
71) Anthracene	11.26	178	1888567	45.851	nq	99
72) Carbazole	11.42	167	1707022	44.469	nq	99
73) Di-n-butylphthalate	11.75	149	2145818	46.655	nq	100
74) Fluoranthene	12.39	202	1745870	43.471	nq	98
76) Benzidine	12.52	184	798110	44.084	nq	# 94
77) Pyrene	12.62	202	1736744	53.818	nq	100
79) Butylbenzylphthalate	13.24	149	805872	57.563	nq	# 80
80) Benzo(a)anthracene	13.81	228	1100977	45.906	nq	98
81) 3,3'-Dichlorobenzidine	13.77	252	392501	42.111	nq	# 96
82) Chrysene	13.84	228	1087212	44.846	nq	100
83) Bis(2-ethylhexyl)phthalate	13.80	149	964505	54.894	nq	99
84) Di-n-octyl phthalate	14.41	149	1546078	51.287	nq	97
85) Indeno(1,2,3-cd)pyrene	16.57	276	976243	57.396	nq	98
87) Benzo(b)fluoranthene	14.82	252	939922	42.380	nq	97
88) Benzo(k)fluoranthene	14.85	252	931103	44.970	nq	96
89) Benzo(a)pyrene	15.16	252	910872	46.100	nq	99
90) Dibenzo(a,h)anthracene	16.57	278	810230	56.371	nq	96
91) Benzo(g,h,i)perylene	16.97	276	831331	57.505	nq	99

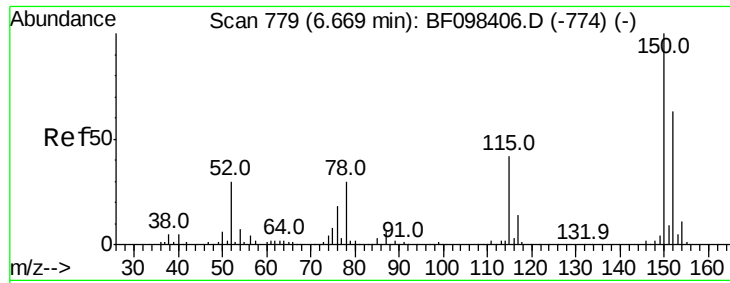
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098417.D
Acq On : 11 Sep 2017 22:16
Operator : SJ/JU
Sample : I5138-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Quant Time: Sep 12 01:40:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 11 19:42:20 2017
Response via : Initial Calibration



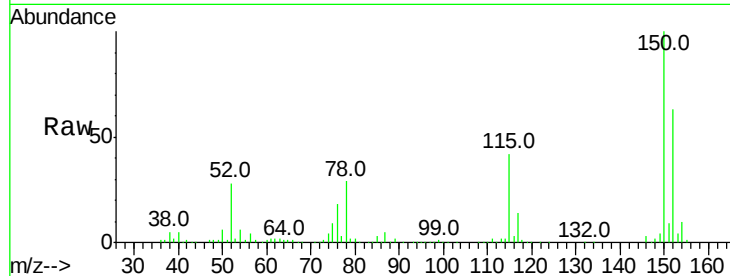


#1

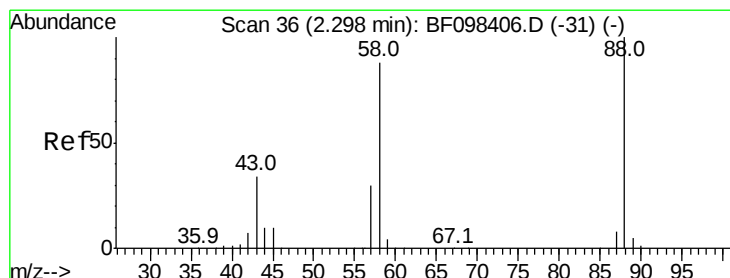
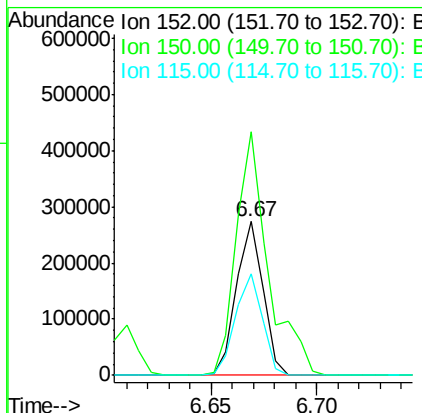
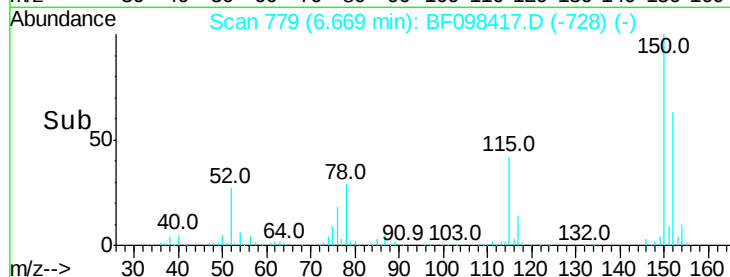
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.2	189.2
115	66.2	52.2	78.2



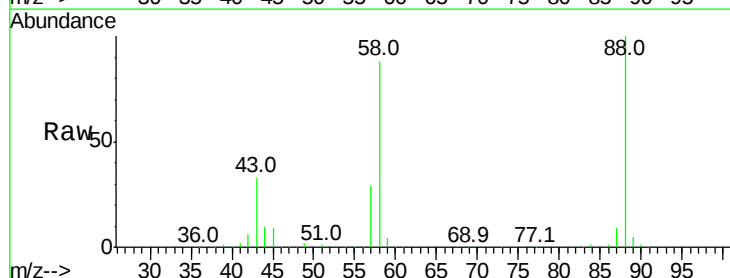
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



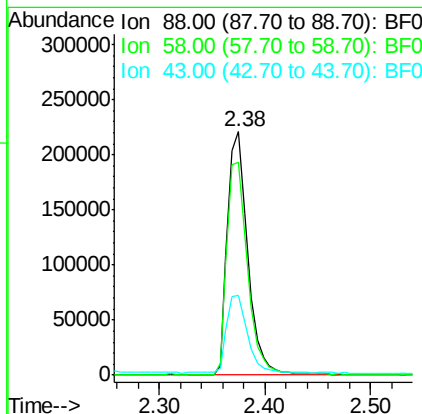
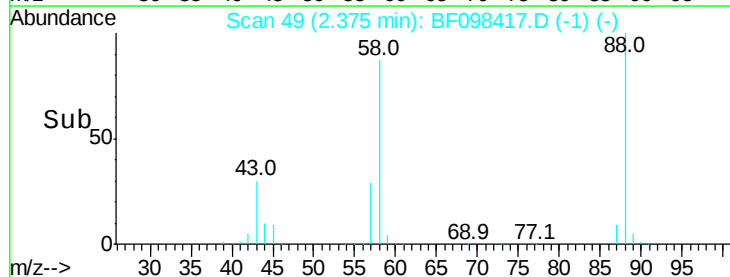
#2

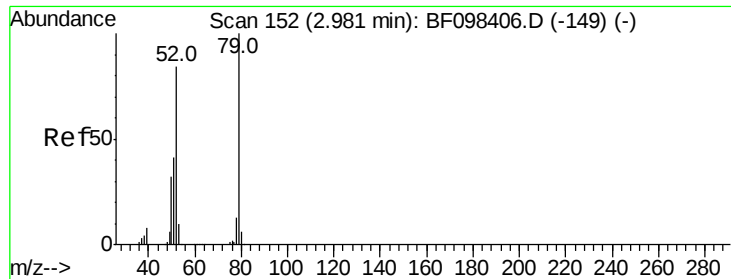
1,4-Dioxane
 Concen: 35.655 ng
 RT: 2.38 min Scan# 49
 Delta R.T. 0.08 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.8	61.4	92.0
43	32.0	23.4	35.0



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

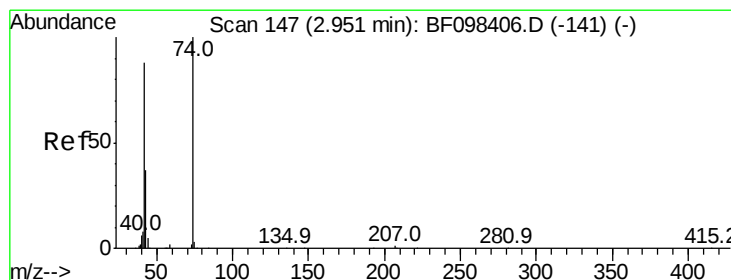
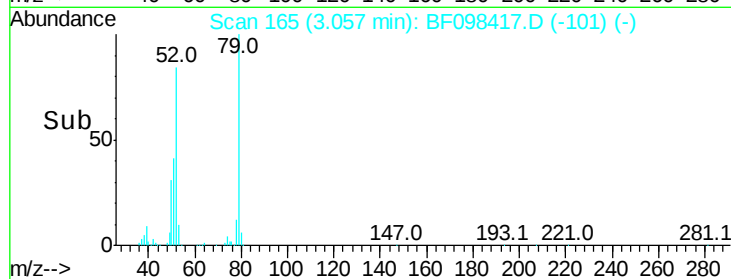
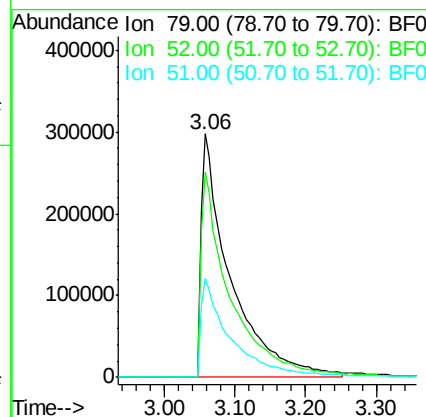
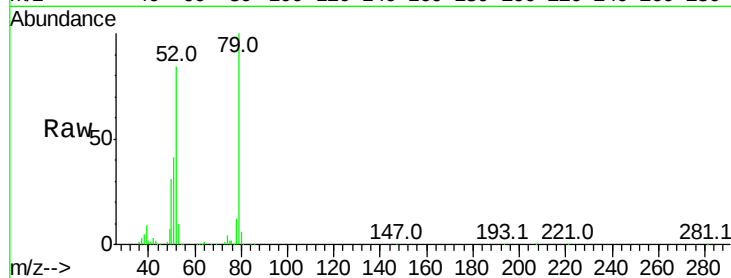




#3
Pvridine
Concen: 39.313 ng
RT: 3.06 min Scan# 165
Delta R.T. 0.08 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

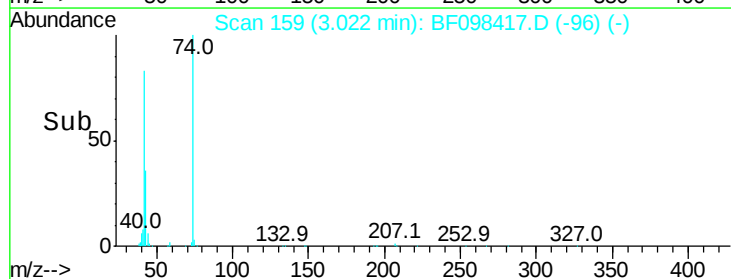
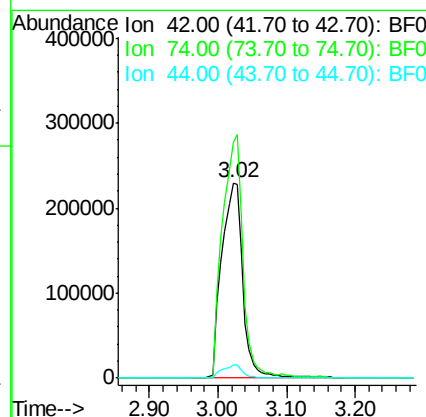
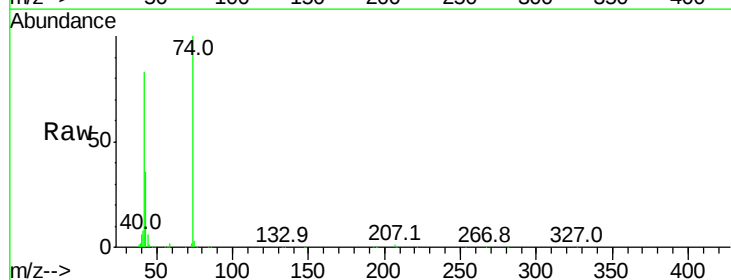
Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

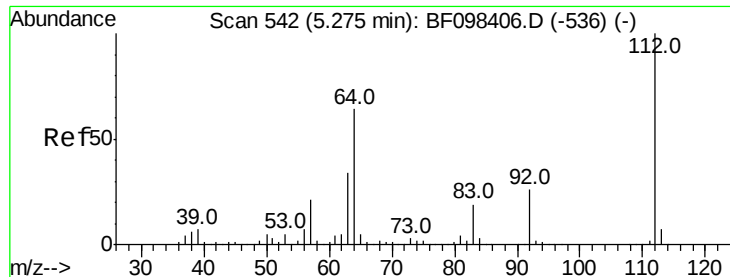
Tot Ion: 79 Resp: 865053
Ion Ratio Lower Upper
79 100
52 84.5 54.8 82.2#
51 40.8 27.0 40.4#



#4
n-Nitrosodimethylamine
Concen: 45.444 ng
RT: 3.02 min Scan# 159
Delta R.T. 0.07 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion: 42 Resp: 490238
Ion Ratio Lower Upper
42 100
74 120.8 103.9 155.9
44 6.8 5.7 8.5





#5

2-Fluorophenol

Concen: 134.473 ng

RT: 5.29 min Scan# 545

Delta R.T. 0.02 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

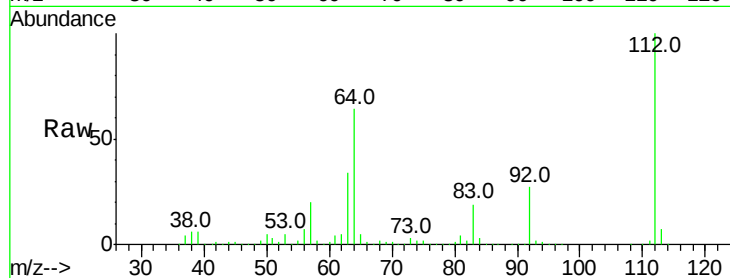
Tot Ion:112 Resp: 2158742

Ion Ratio Lower Upper

112 100

64 64.3 46.0 69.0

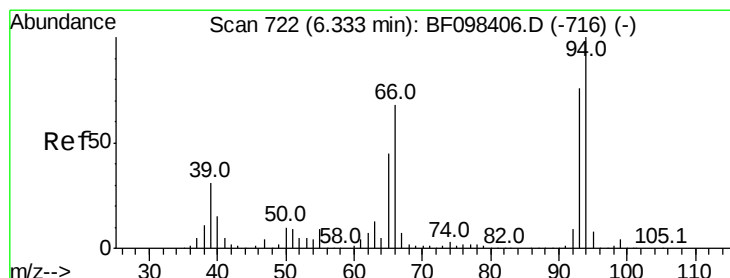
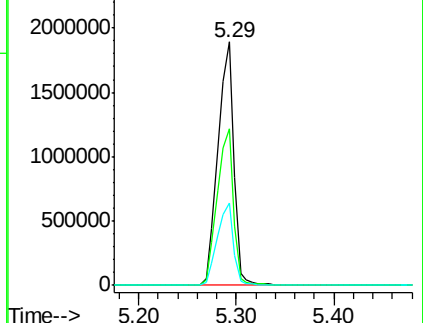
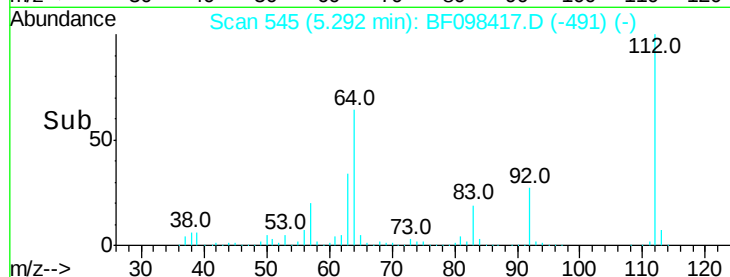
63 33.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.584 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

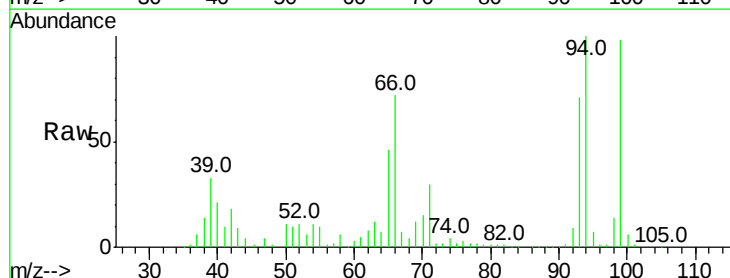
Tgt Ion: 93 Resp: 909904

Ion Ratio Lower Upper

93 100

66 101.5 32.9 49.3#

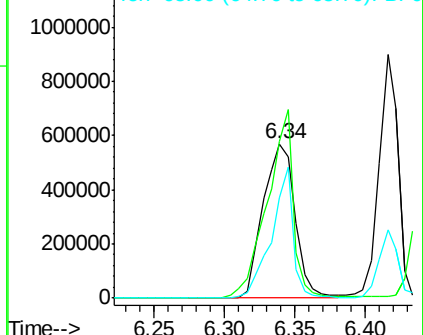
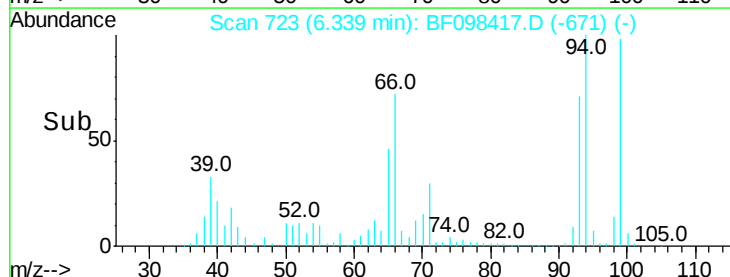
65 64.9 16.0 24.0#

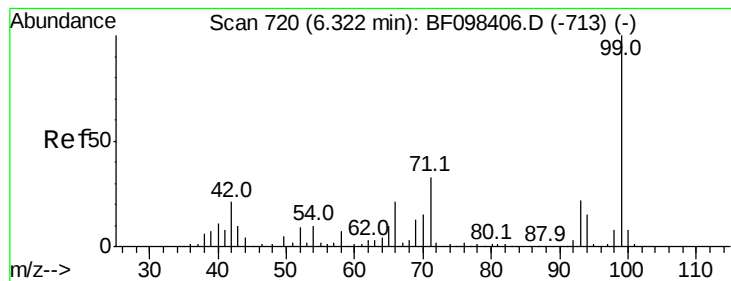


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.661 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

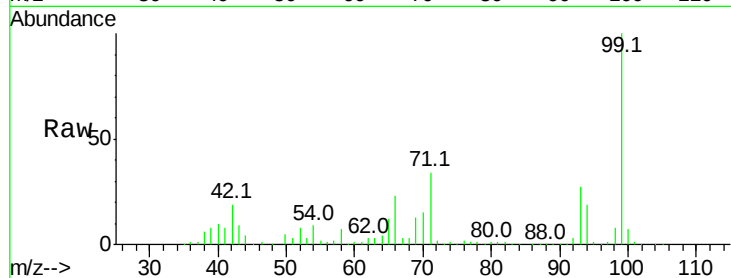
Tot Ion: 99 Resp: 2663183

Ion Ratio Lower Upper

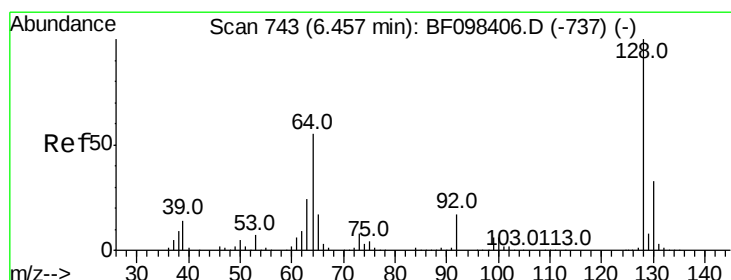
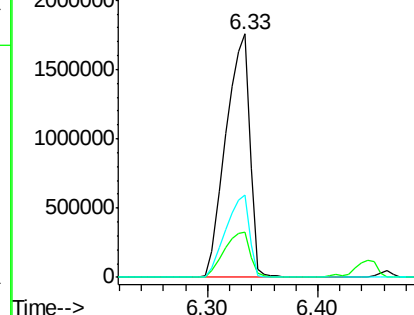
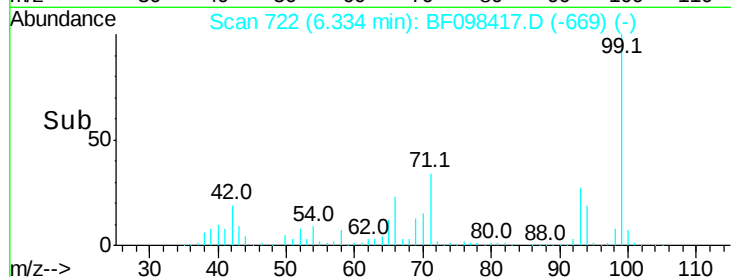
99 100

42 18.7 13.5 20.3

71 33.7 24.5 36.7



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: 44.794 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

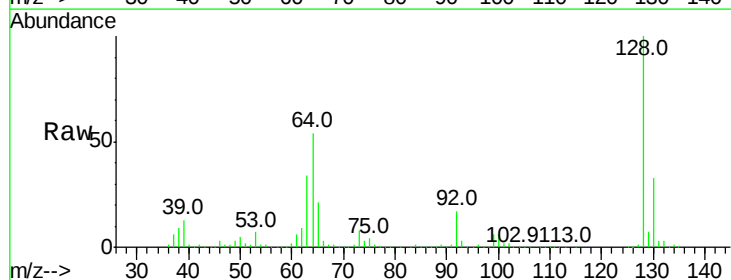
Tgt Ion: 128 Resp: 790725

Ion Ratio Lower Upper

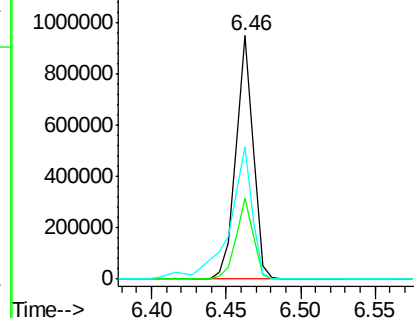
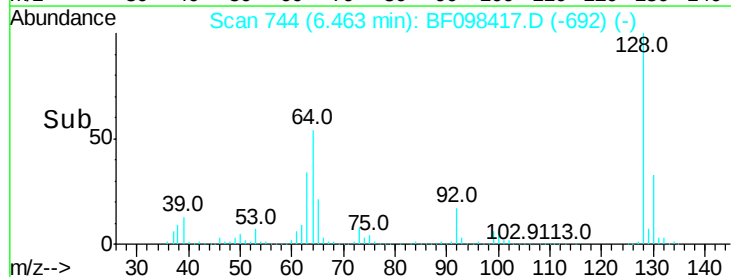
128 100

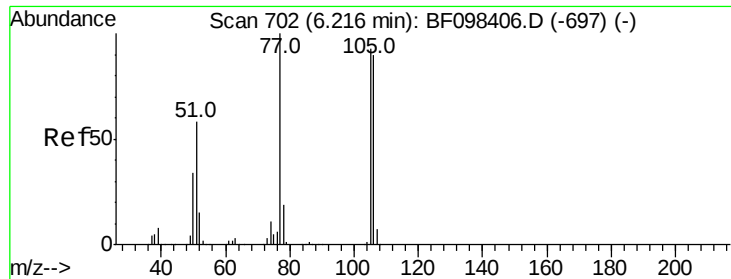
130 33.2 12.9 52.9

64 54.2 28.4 68.4



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: 45.130 ng

RT: 6.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

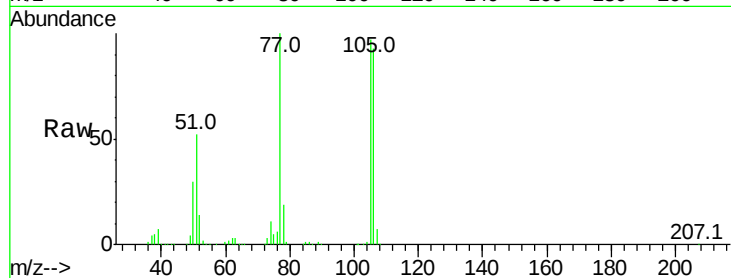
Tot Ion: 77 Resp: 601317

Ion Ratio Lower Upper

77 100

105 96.5 83.8 123.8

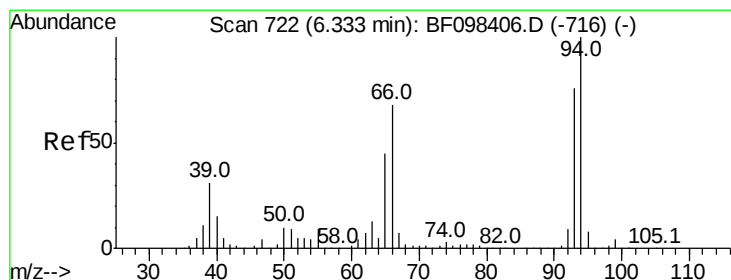
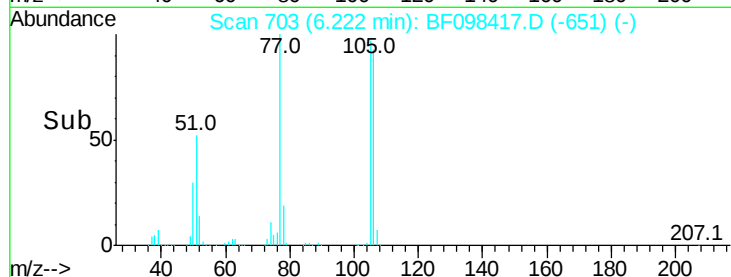
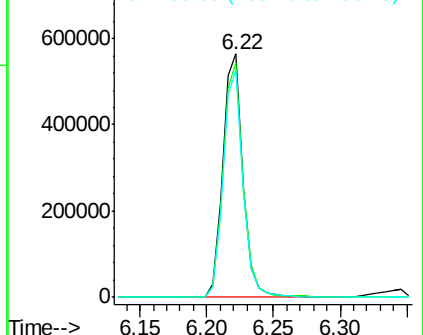
106 93.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.058 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

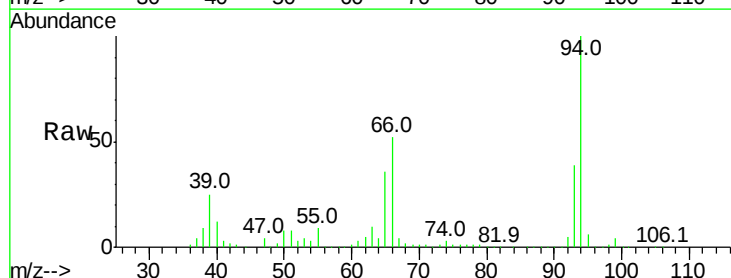
Tgt Ion: 94 Resp: 1090409

Ion Ratio Lower Upper

94 100

65 36.0 9.9 49.9

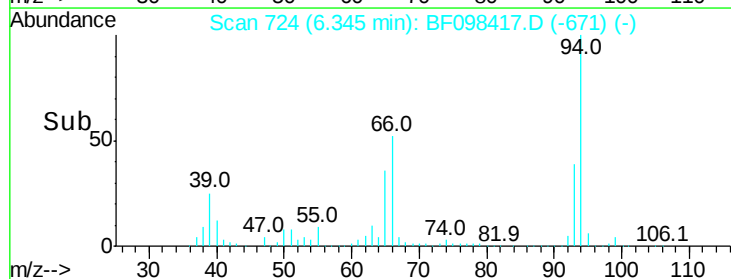
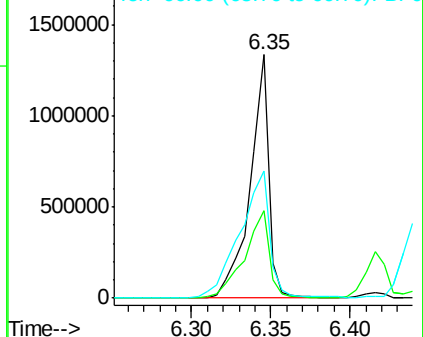
66 52.1 23.1 63.1

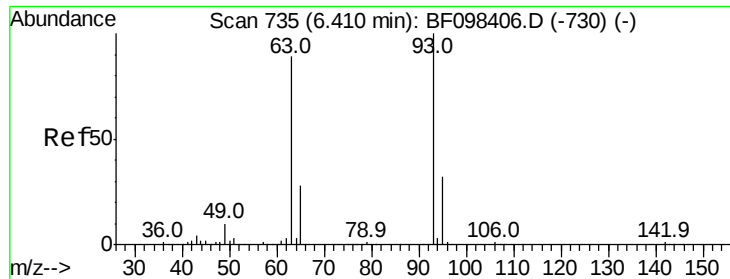


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

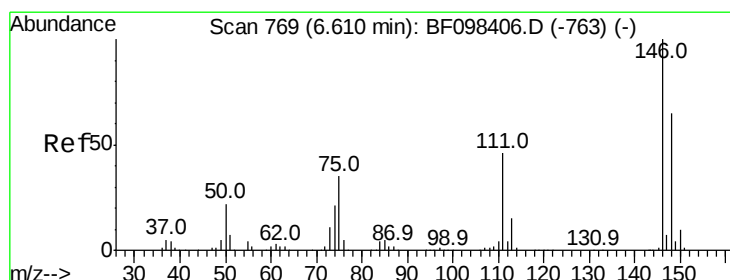
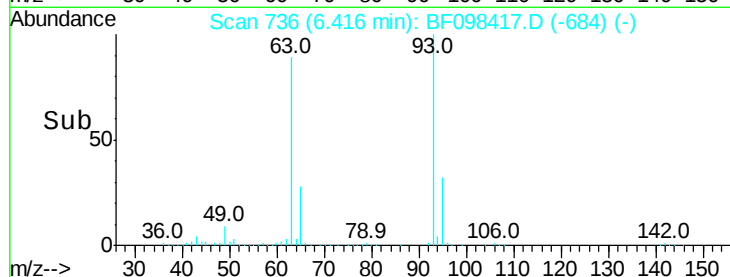
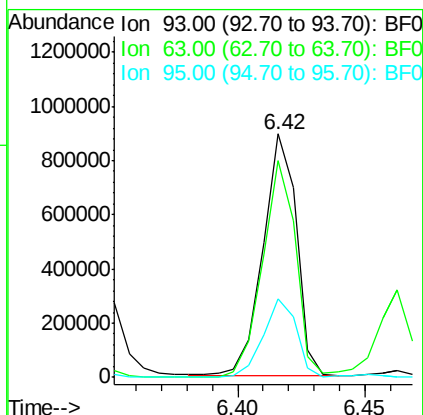
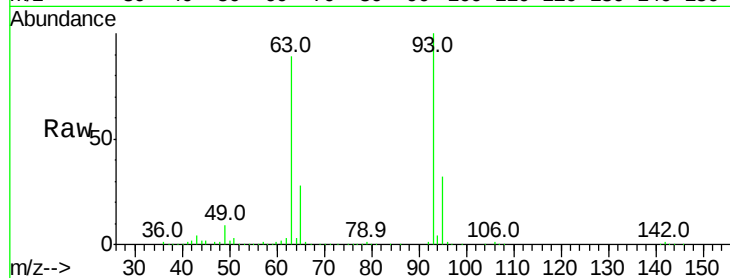




#11
 bis(2-Chloroethyl)ether
 Concen: 46.421 ng
 RT: 6.42 min Scan# 736
 Delta R.T. 0.01 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

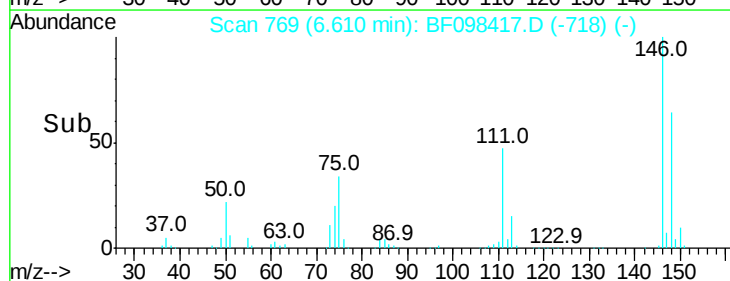
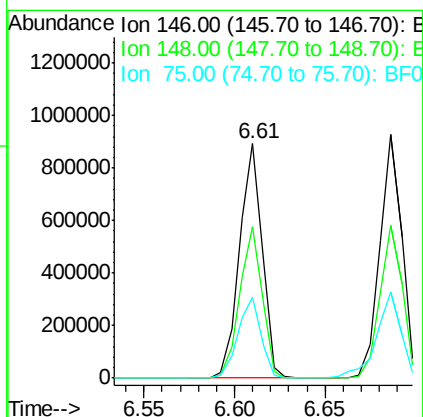
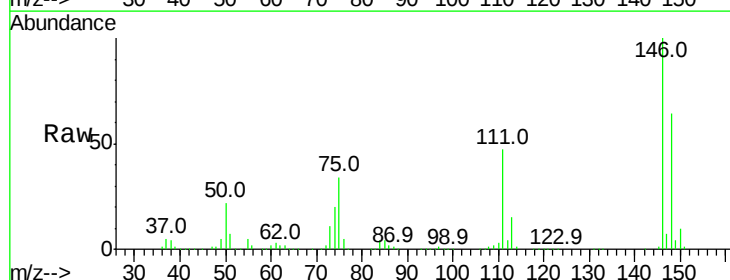
Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

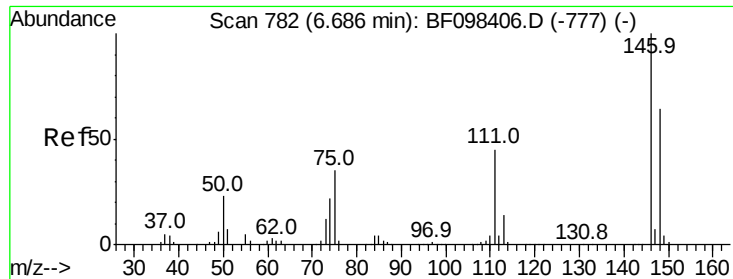
Tot Ion: 93 Resp: 828595
 Ion Ratio Lower Upper
 93 100
 63 89.2 59.2 99.2
 95 32.4 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 43.556 ng
 RT: 6.61 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Tgt Ion: 146 Resp: 773892
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.8 77.6
 75 34.3 23.1 34.7

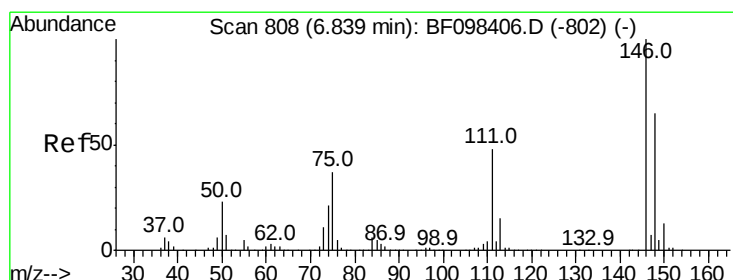
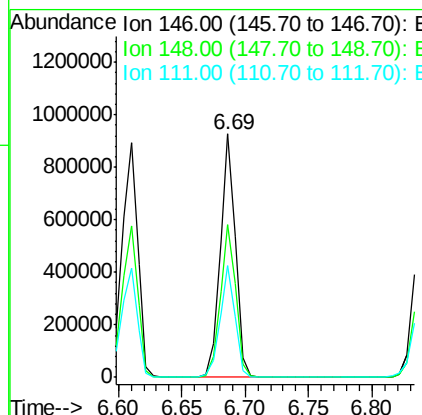
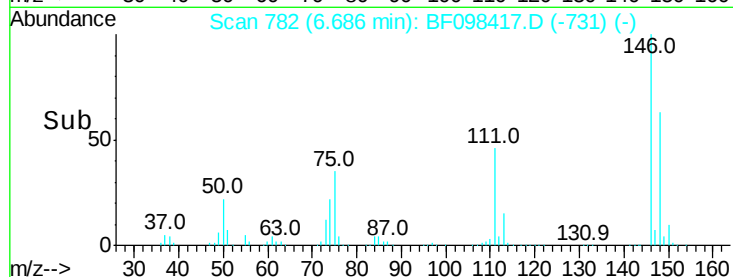
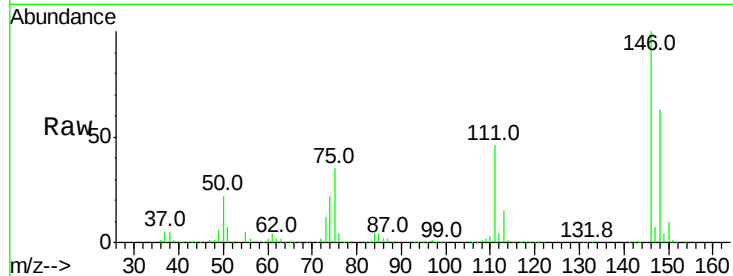




#13
 1,4-Dichlorobenzene
 Concen: 43.060 ng
 RT: 6.69 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

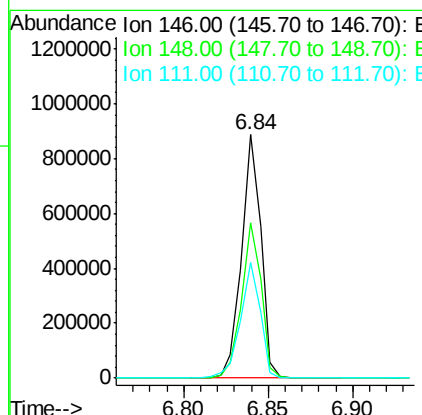
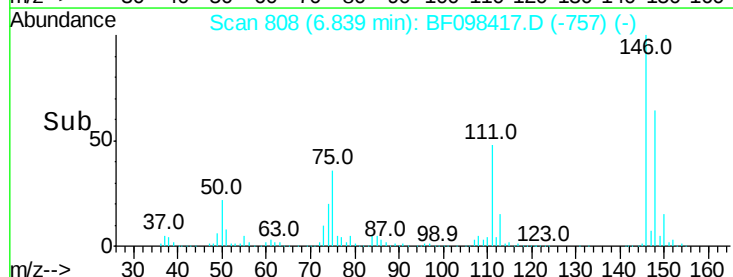
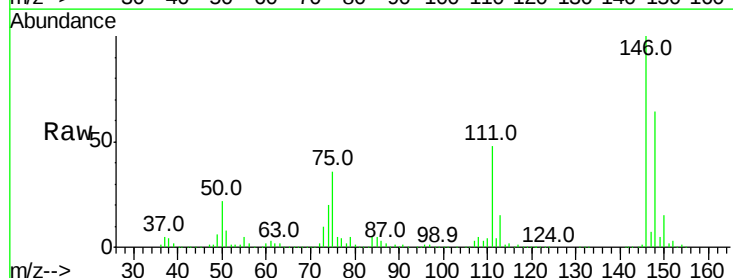
Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

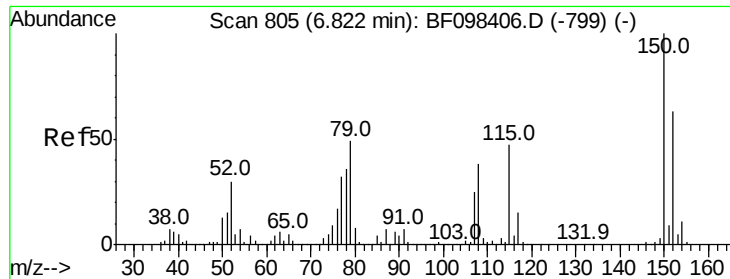
Tot Ion:146 Resp: 783668
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.2 78.2
 111 46.0 30.3 45.5#



#14
 1,2-Dichlorobenzene
 Concen: 42.655 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Tgt Ion:146 Resp: 707265
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.4 75.6
 111 47.7 38.2 57.4

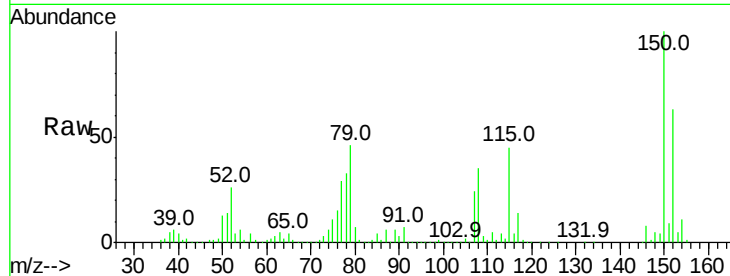




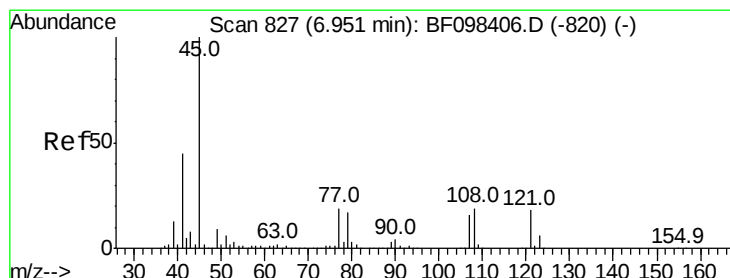
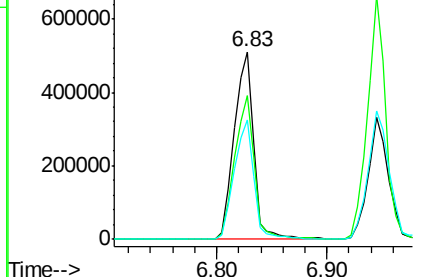
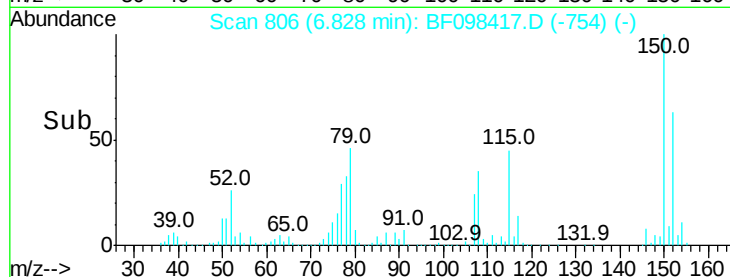
#15
Benzyl Alcohol
Concen: 47.141 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion: 79 Resp: 639467
Ion Ratio Lower Upper
79 100
108 76.5 63.4 95.0
77 63.8 49.2 73.8

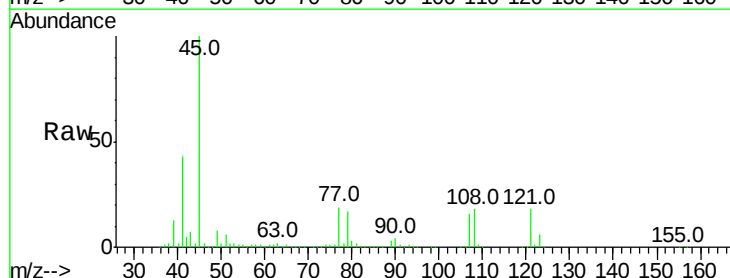


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

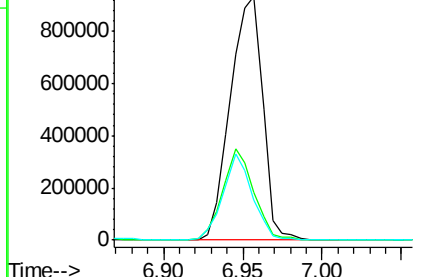
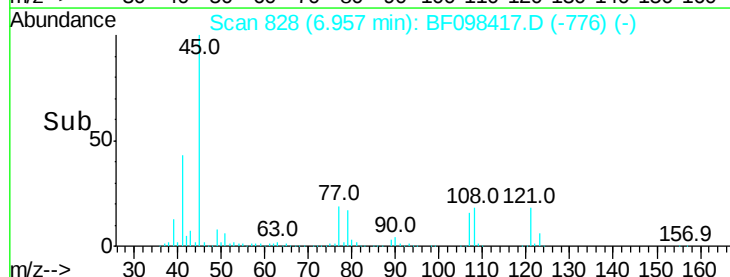


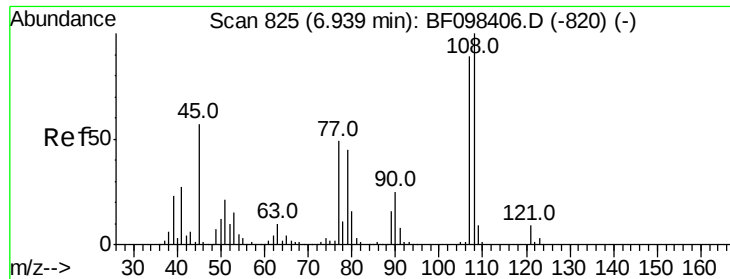
#16
2,2'-oxybis(1-chloropropane)
Concen: 44.777 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion: 45 Resp: 1315057
Ion Ratio Lower Upper
45 100
77 19.5 0.0 33.2
79 16.7 0.0 30.0



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

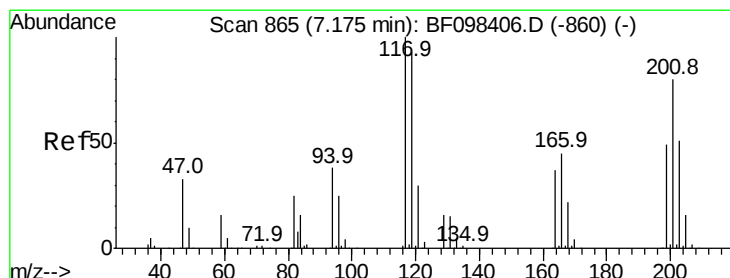
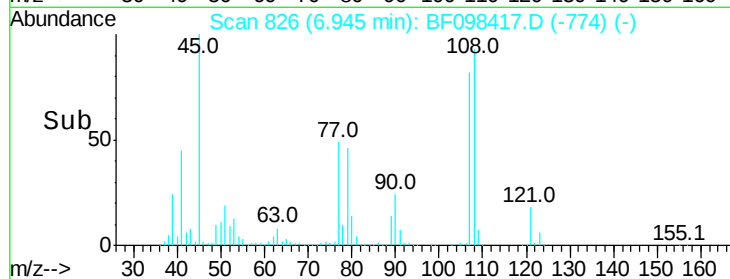
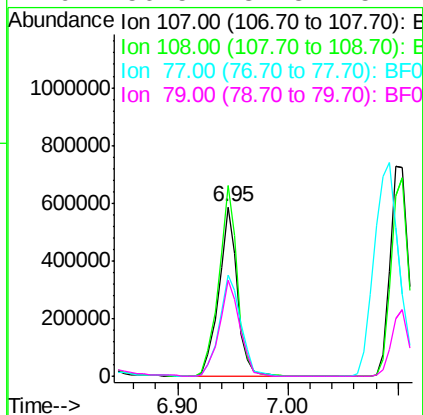
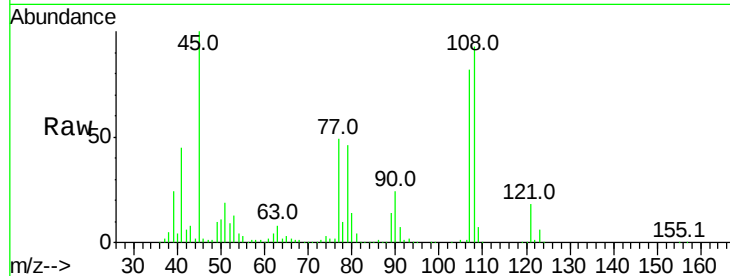




#17
2-Methylphenol
Concen: 46.952 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

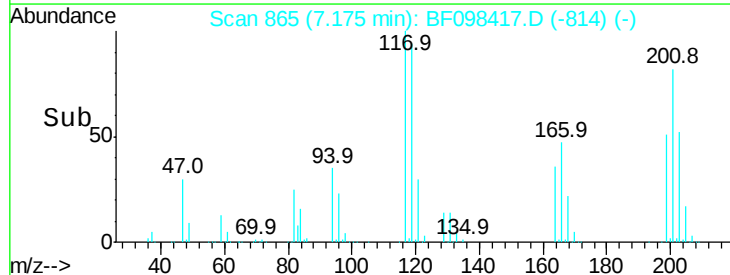
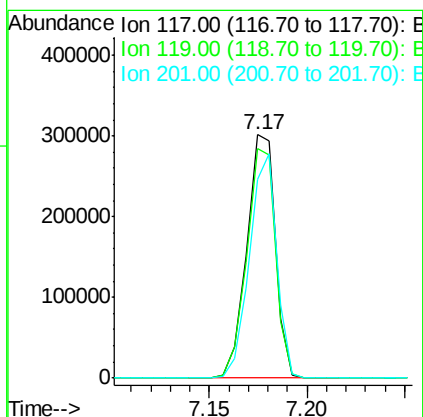
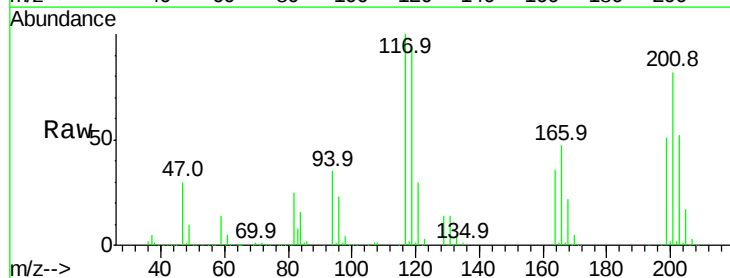
Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

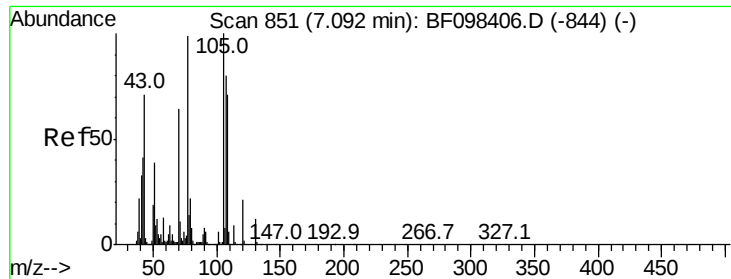
Tot Ion:107 Resp: 675851
Ion Ratio Lower Upper
107 100
108 112.9 93.4 140.0
77 59.7 35.8 53.6#
79 56.5 34.8 52.2#



#18
Hexachloroethane
Concen: 44.023 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion:117 Resp: 306833
Ion Ratio Lower Upper
117 100
119 94.1 77.4 116.0
201 81.9 94.6 141.8#

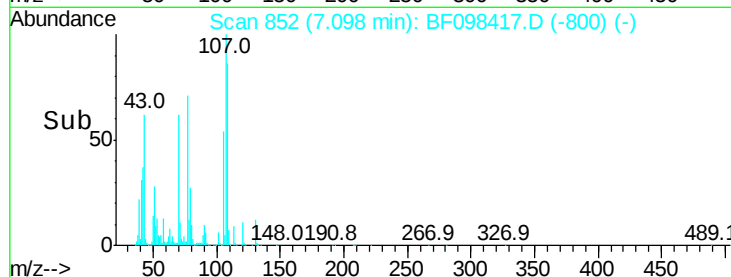
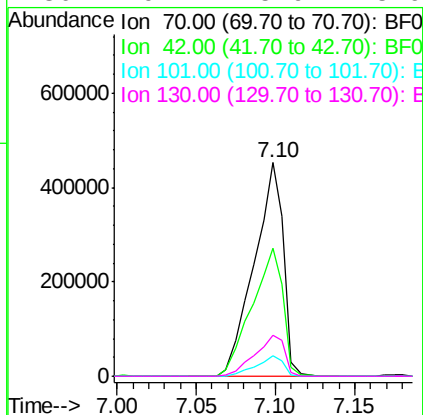
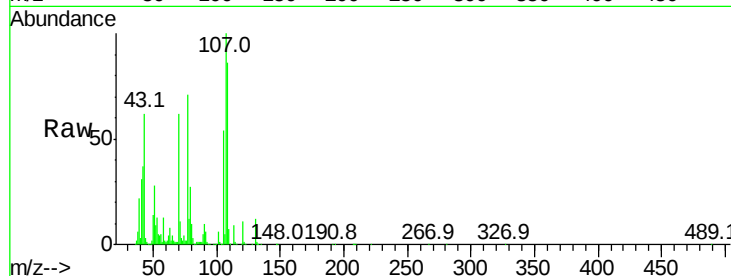




#19
n-Nitroso-di-n-propylamine
Concen: 45.377 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

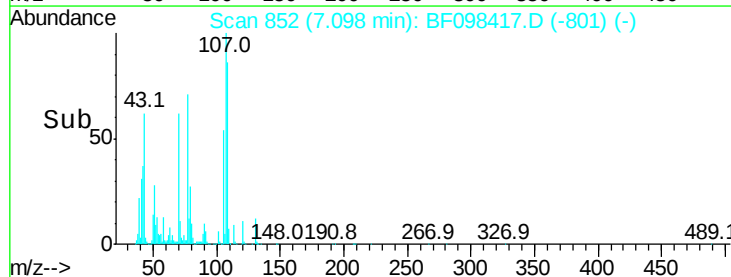
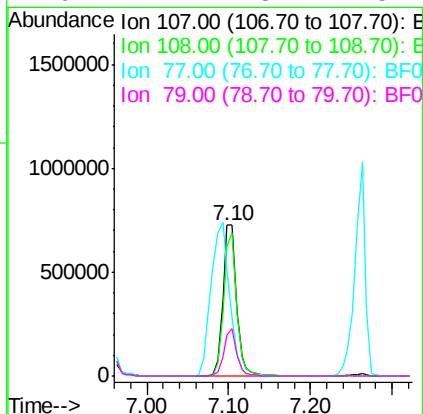
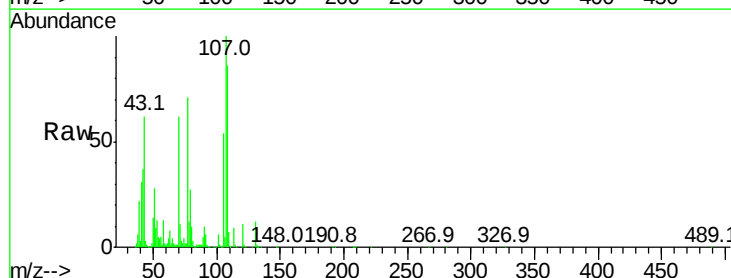
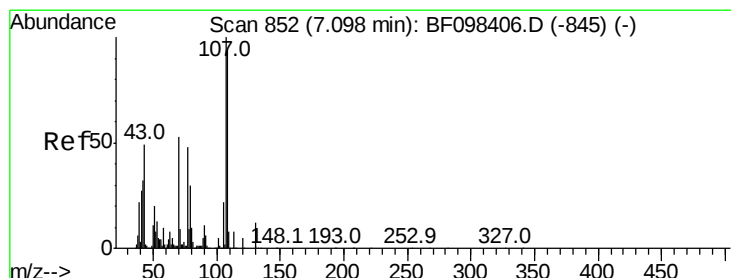
Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

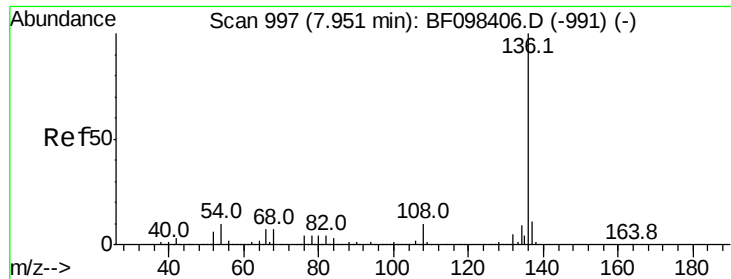
Tot Ion: 70 Resp: 581769
Ion Ratio Lower Upper
70 100
42 60.1 47.2 70.8
101 9.6 7.2 10.8
130 19.4 15.9 23.9



#20
3+4-Methylphenols
Concen: 46.594 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion: 107 Resp: 846395
Ion Ratio Lower Upper
107 100
108 86.1 71.0 111.0
77 70.7 90.5 130.5#
79 27.4 8.4 48.4

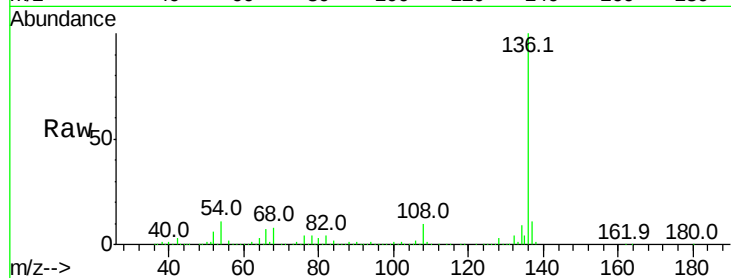




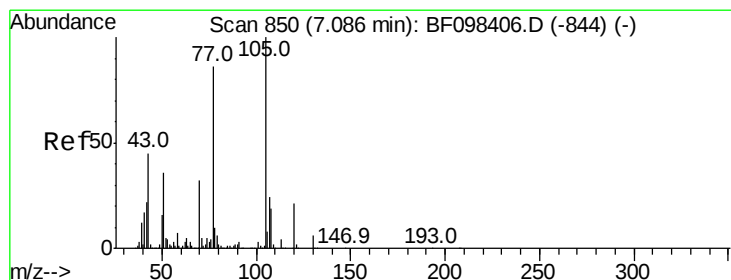
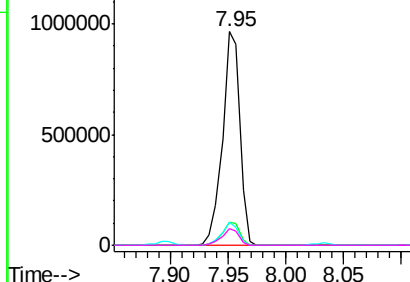
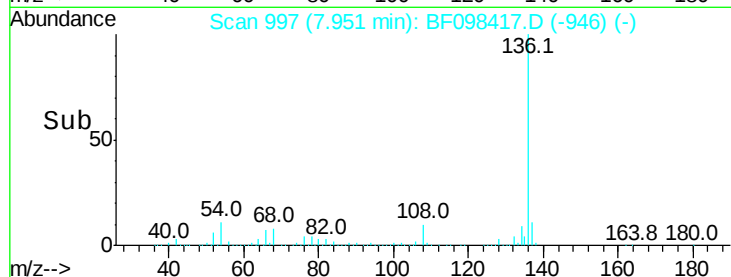
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion:136	Resp: 1007627
Ion Ratio	Lower Upper
136 100	
137 10.8	8.5 12.7
54 10.8	4.9 7.3#
68 7.6	4.1 6.1#

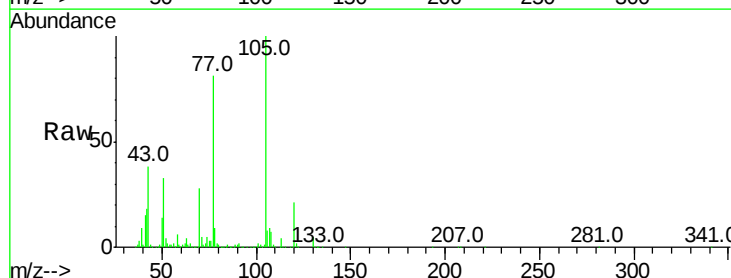


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

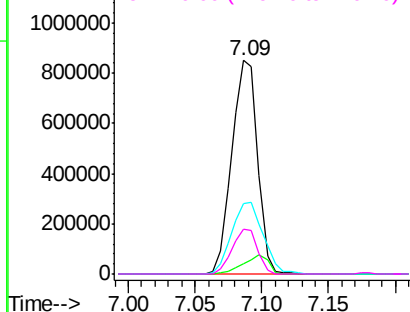
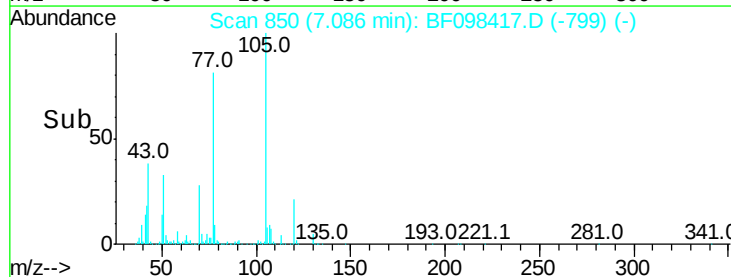


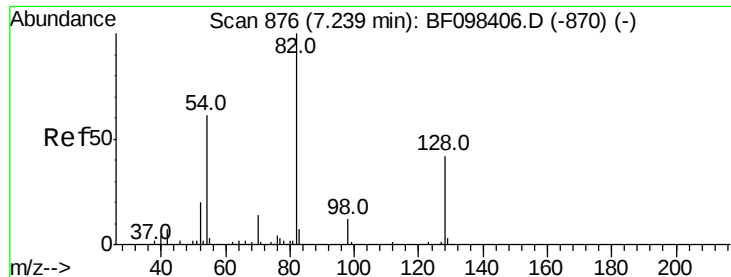
#22
Acetophenone
Concen: 44.203 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt	Ion:105	Resp:	1151178
Ion	Ratio	Lower	Upper
105	100		
71	4.8	2.8	4.2#
51	32.7	30.7	46.1
120	21.2	17.4	26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 97.501 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

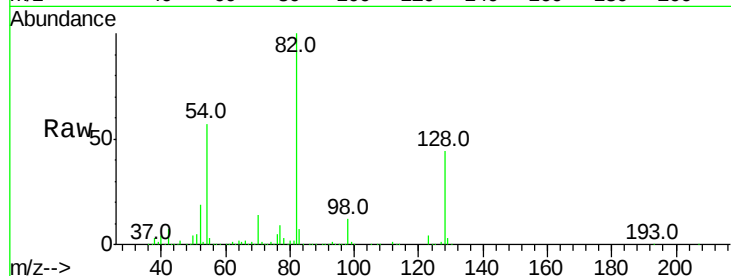
Tot Ion: 82 Resp: 1762252

Ion Ratio Lower Upper

82 100

128 43.8 34.0 51.0

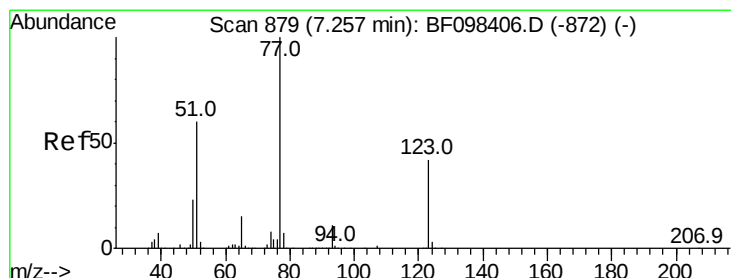
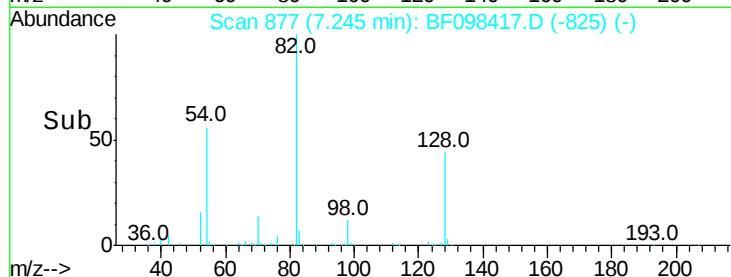
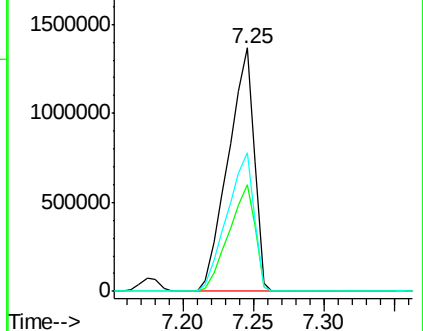
54 57.2 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 44.360 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

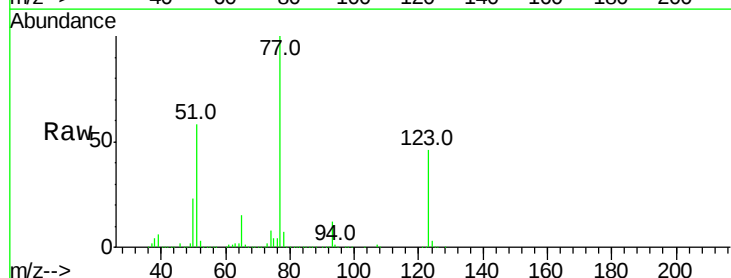
Tgt Ion: 77 Resp: 913256

Ion Ratio Lower Upper

77 100

123 45.6 35.8 53.8

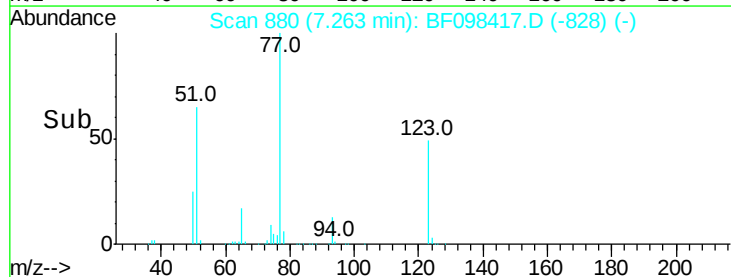
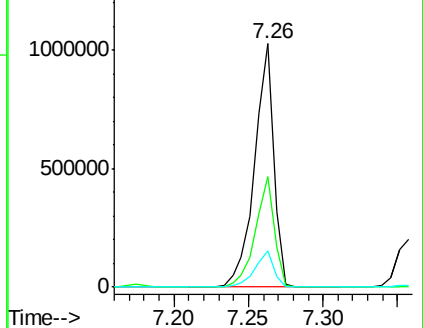
65 15.1 10.6 15.8

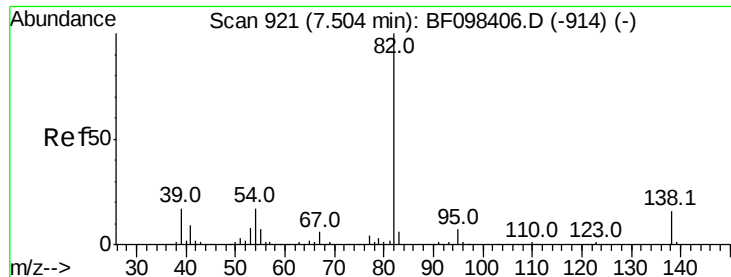


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 46.697 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

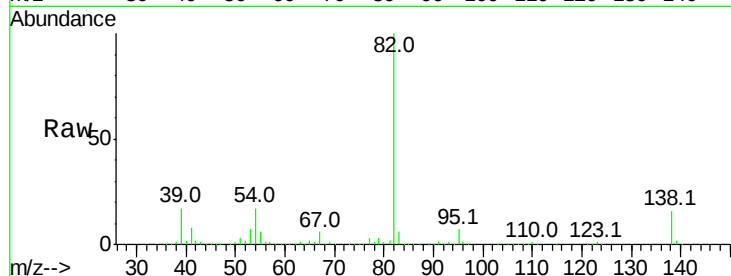
Tot Ion: 82 Resp: 1707641

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

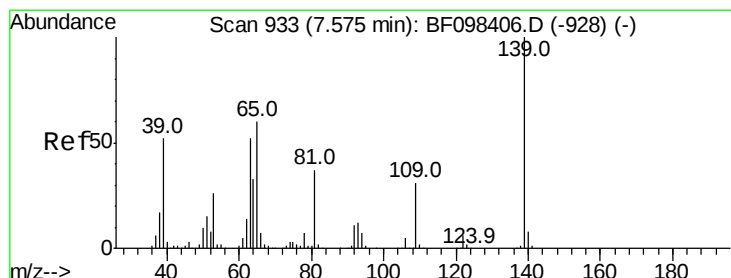
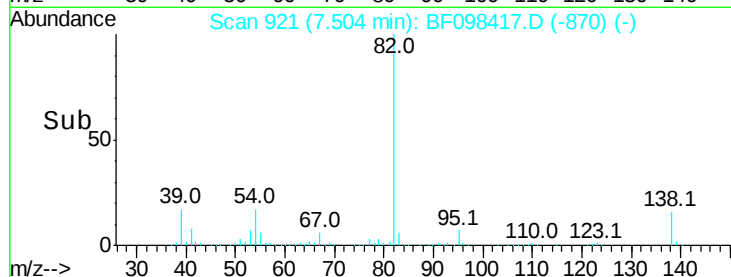
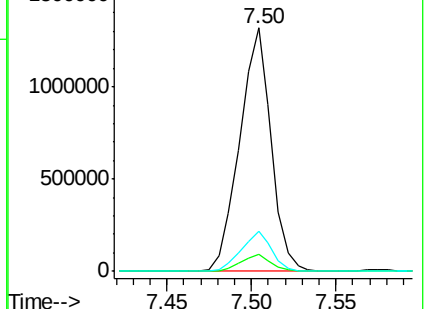
138 16.3 13.1 19.7



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: 52.966 ng

RT: 7.57 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

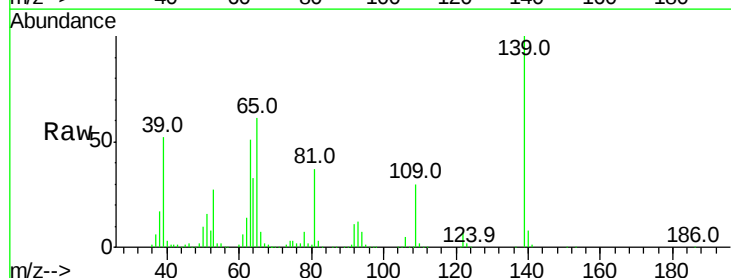
Tgt Ion:139 Resp: 440278

Ion Ratio Lower Upper

139 100

109 29.9 21.0 31.6

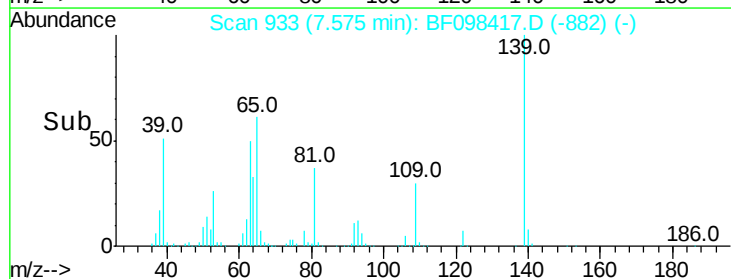
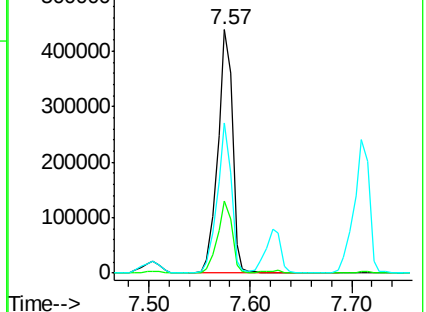
65 61.5 33.0 49.6#

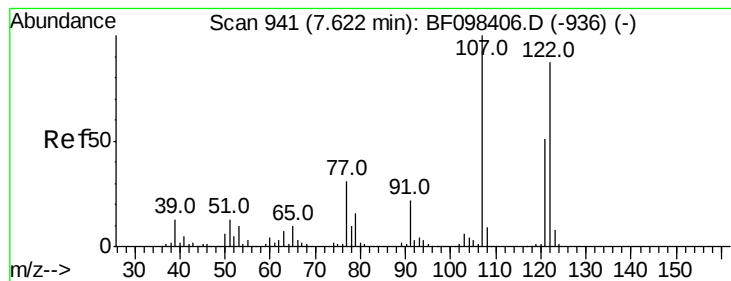


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 46.321 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

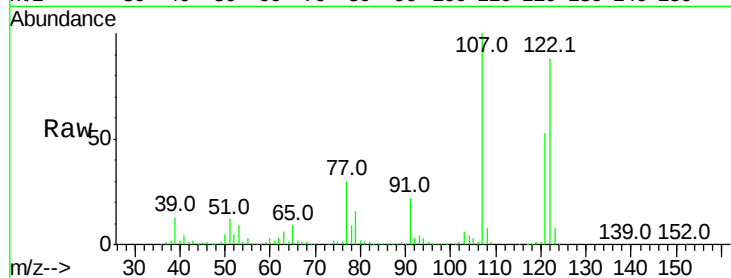
Tot Ion:122 Resp: 734001

Ion Ratio Lower Upper

122 100

107 113.3 89.2 133.8

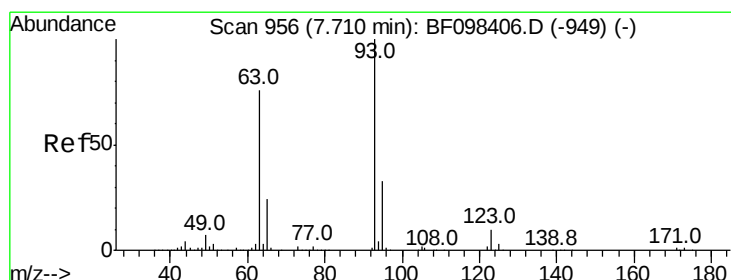
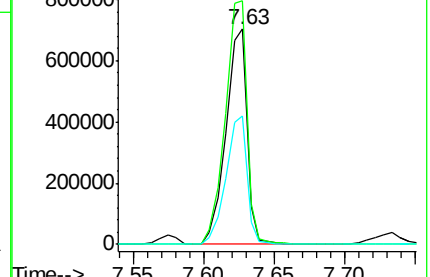
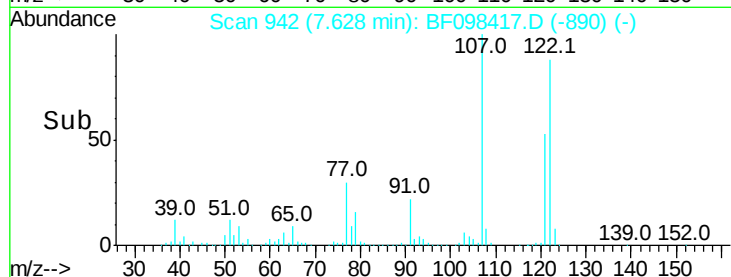
121 59.7 45.2 67.8



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: 48.038 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

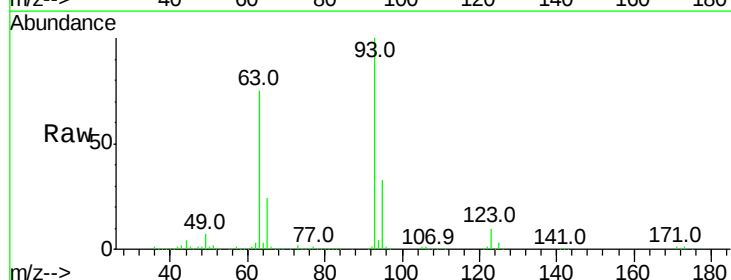
Tgt Ion: 93 Resp: 1071917

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

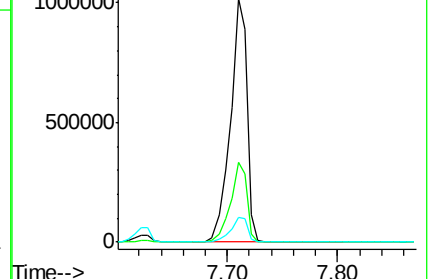
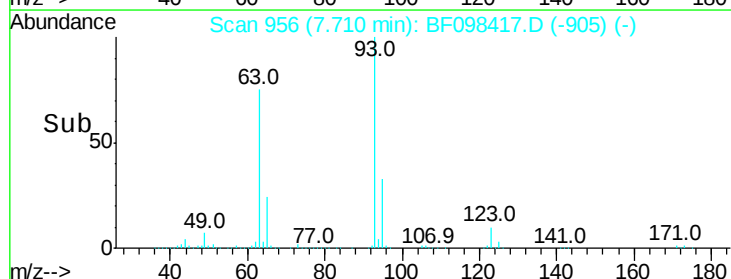
123 10.2 9.0 13.4

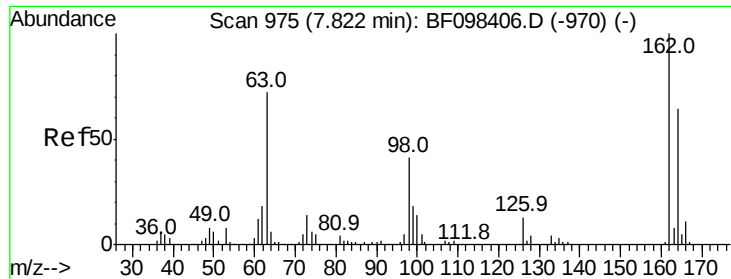


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

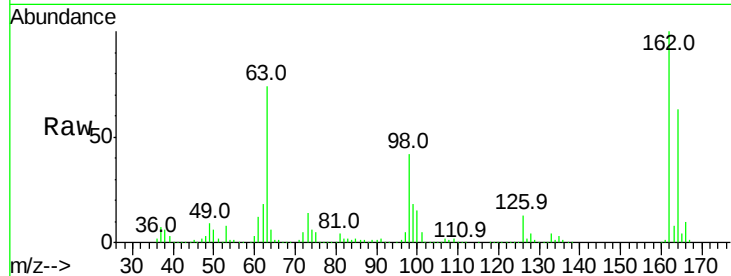




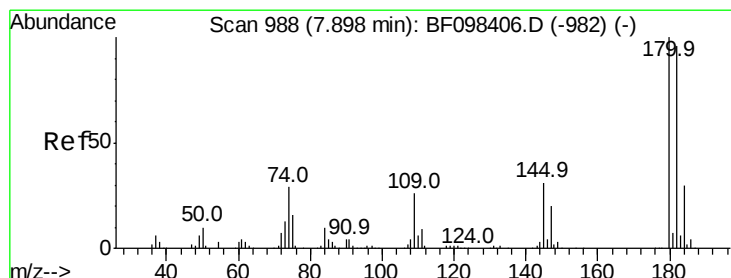
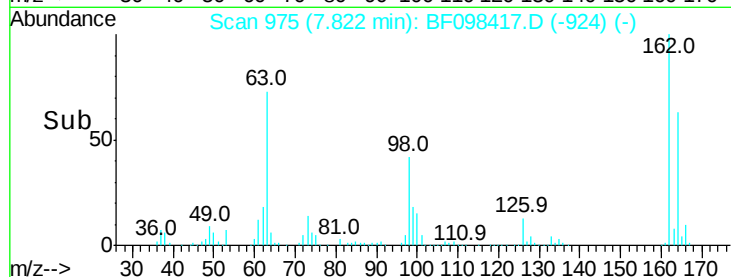
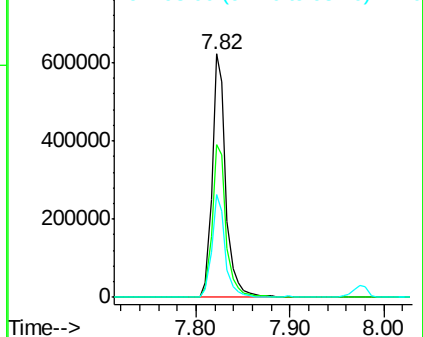
#29
 2,4-Dichlorophenol
 Concen: 48.771 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.6	84.6
98	42.3	14.8	54.8

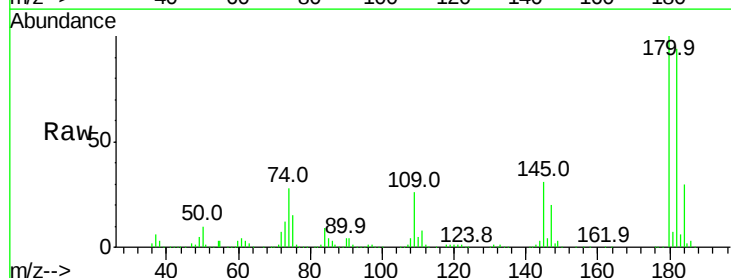


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

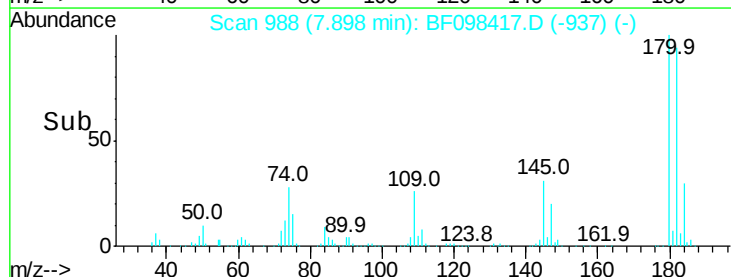
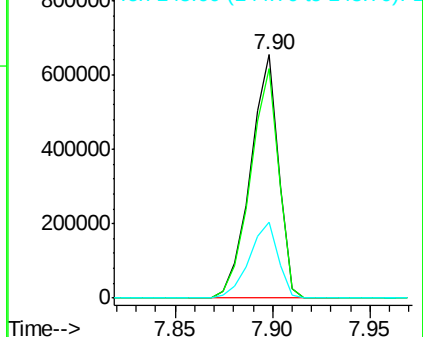


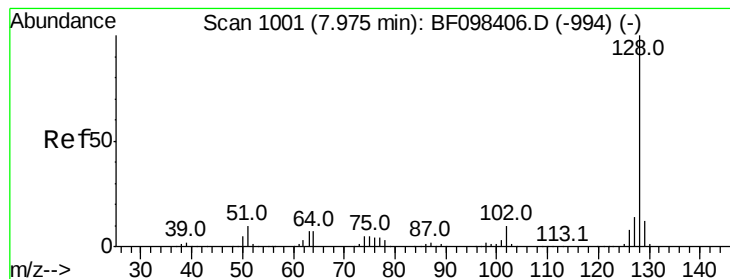
#30
 1,2,4-Trichlorobenzene
 Concen: 45.555 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.6
145	31.3	25.3	37.9



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





#31

Naphthalene

Concen: 44.803 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

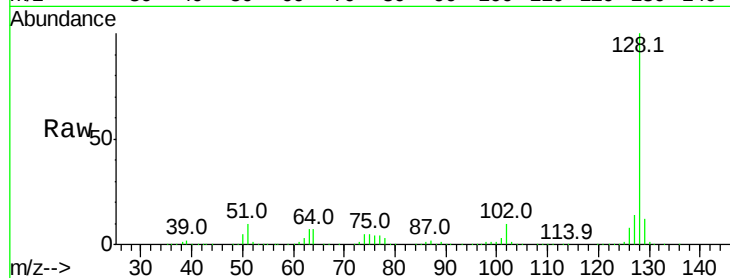
Tot Ion:128 Resp: 2231763

Ion Ratio Lower Upper

128 100

129 11.9 9.0 13.6

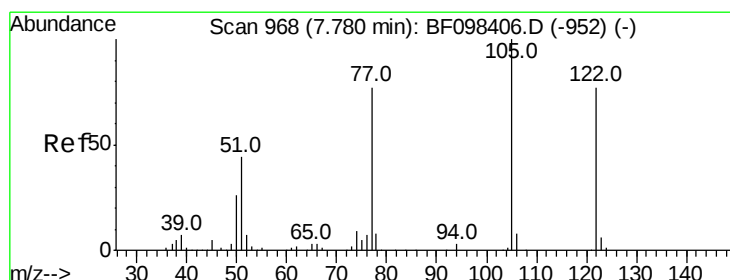
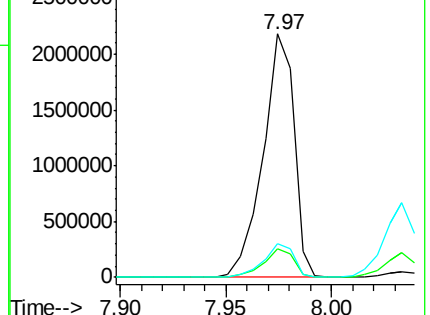
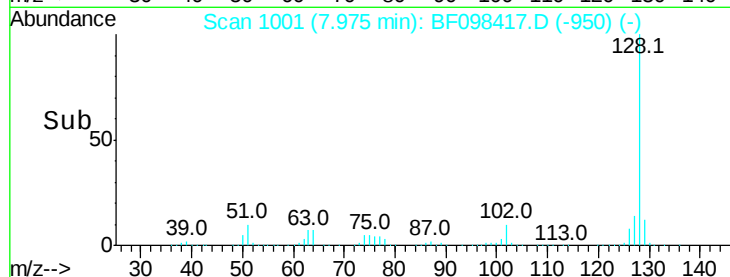
127 13.9 10.8 16.2



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: 12.331 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.05 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

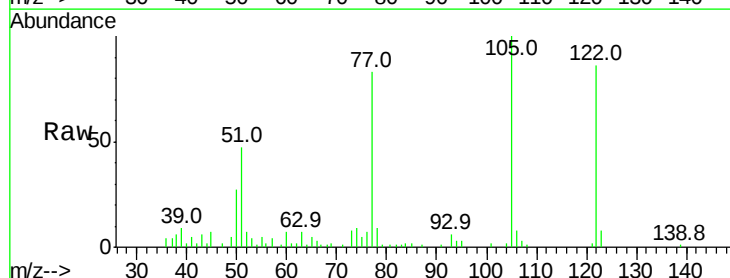
Tgt Ion:122 Resp: 55590

Ion Ratio Lower Upper

122 100

105 116.3 103.3 143.3

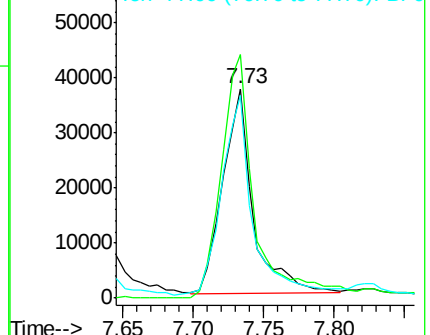
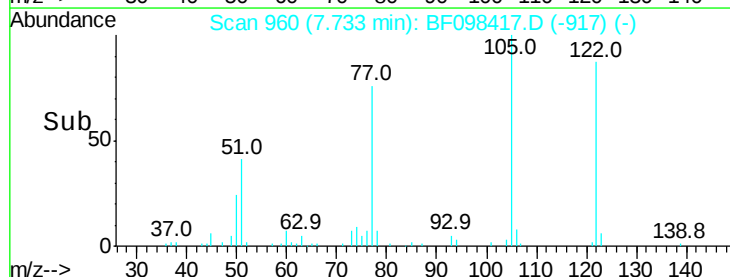
77 96.5 73.7 113.7

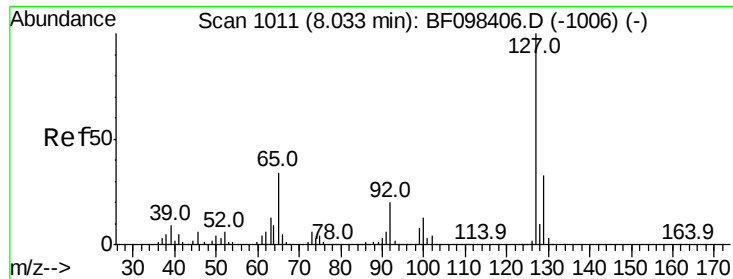


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

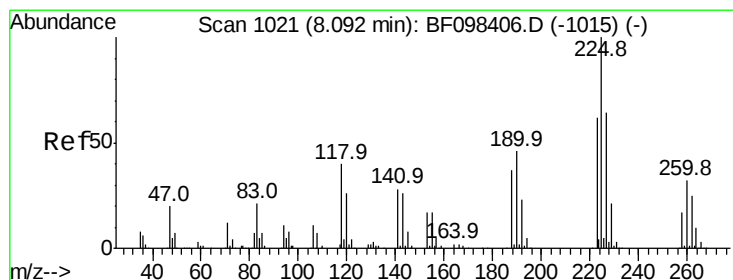
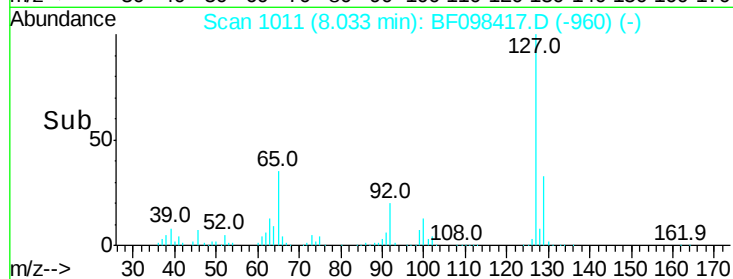
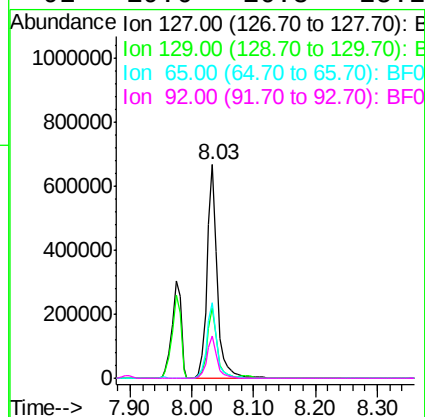
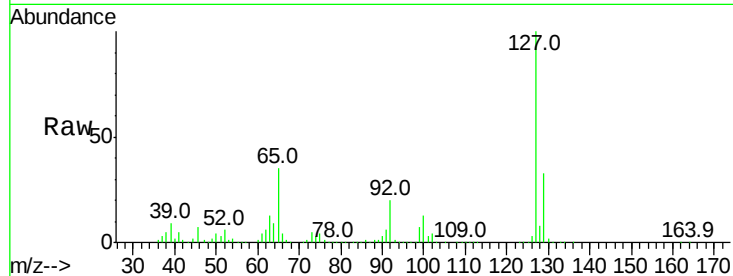




#33
4-Chloroaniline
Concen: 37.280 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

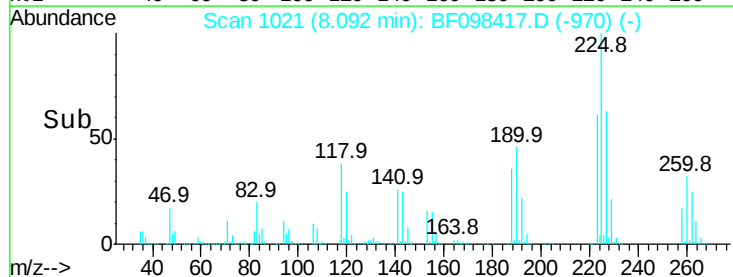
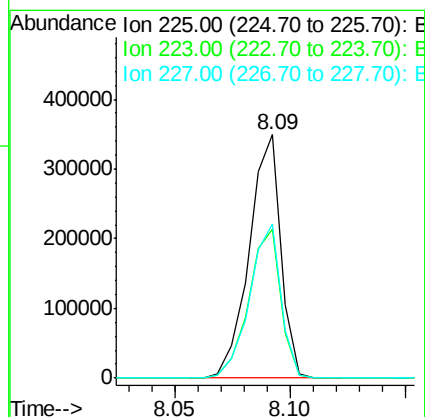
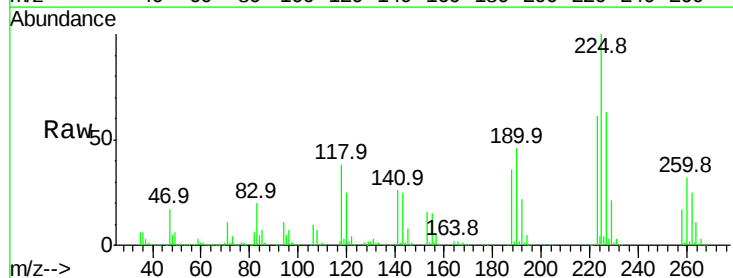
Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

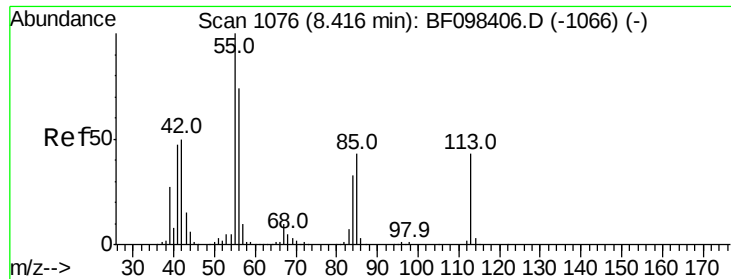
Tot Ion:	127	Resp:	754722
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.2	39.2
65	35.1	27.8	41.8
92	19.6	16.8	25.2



#34
Hexachlorobutadiene
Concen: 45.323 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion:	225	Resp:	333561
Ion	Ratio	Lower	Upper
225	100		
223	61.0	48.8	73.2
227	63.0	51.1	76.7

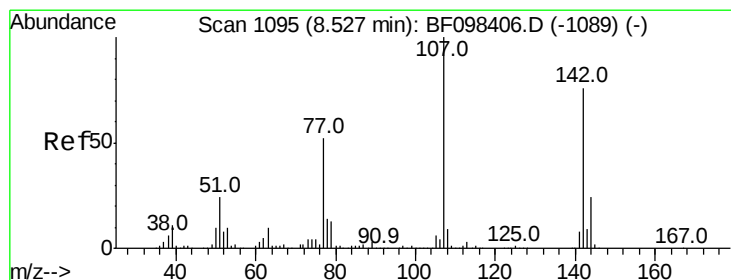
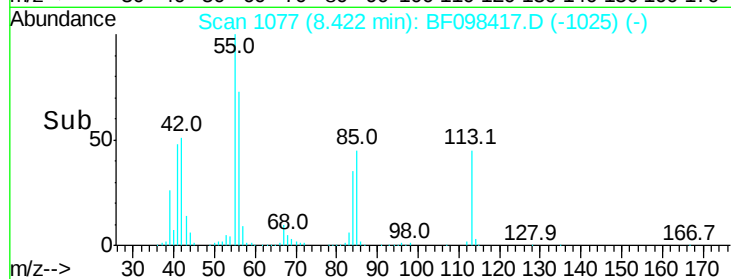
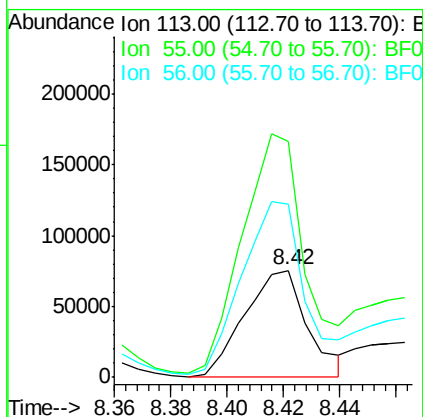
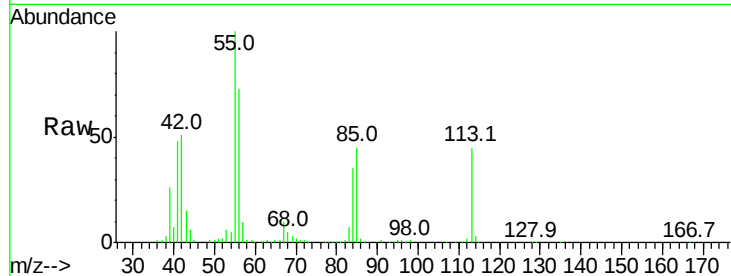




#35
 Caprolactam
 Concen: 25.764 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

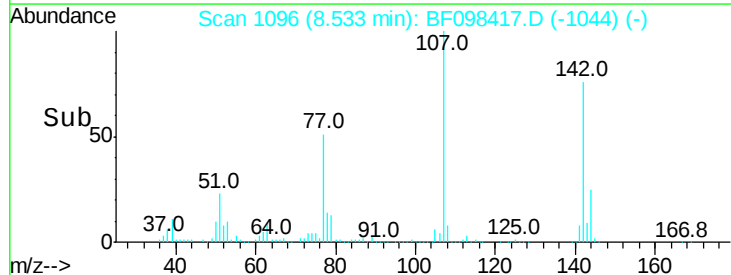
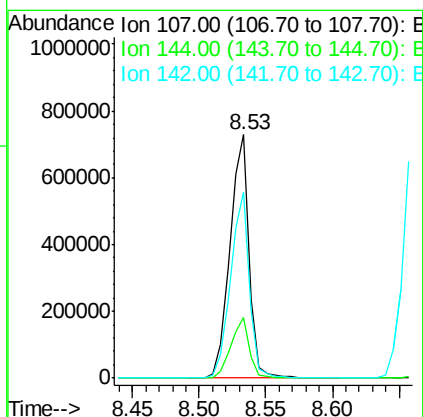
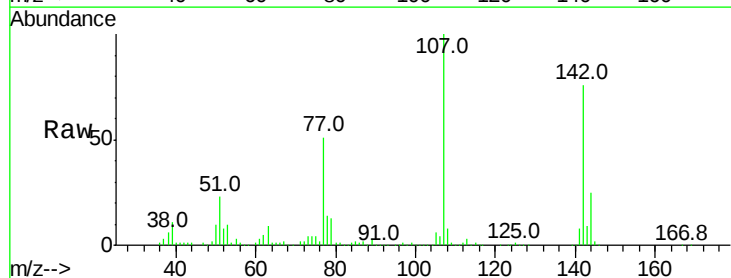
Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

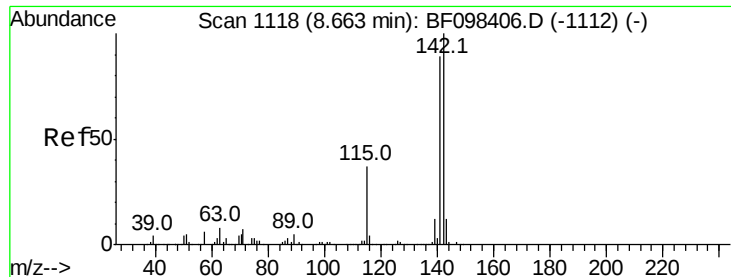
Tot Ion:113 Resp: 117084
 Ion Ratio Lower Upper
 113 100
 55 221.8 150.2 190.2#
 56 161.8 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 45.123 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Tgt Ion:107 Resp: 737489
 Ion Ratio Lower Upper
 107 100
 144 24.9 24.2 36.4
 142 76.3 73.4 110.0





#37

2-Methylnaphthalene

Concen: 47.922 ng

RT: 8.67 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

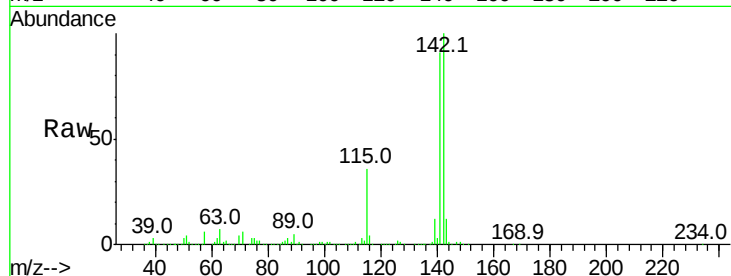
Tot Ion:142 Resp: 1445956

Ion Ratio Lower Upper

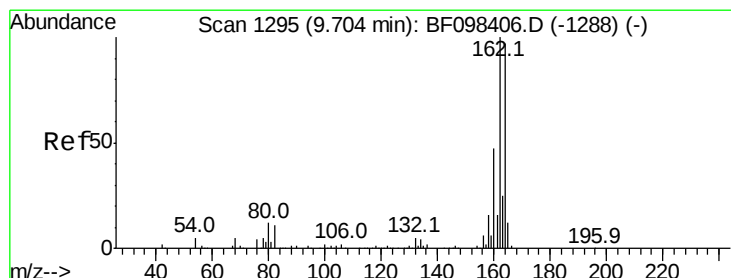
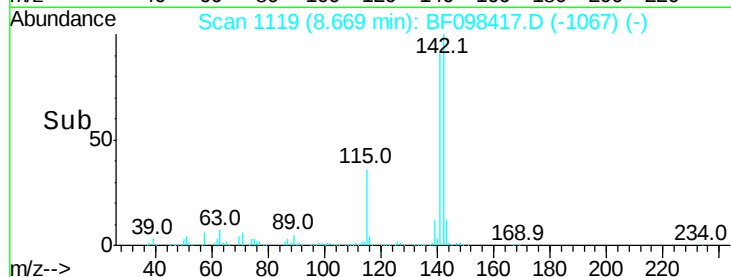
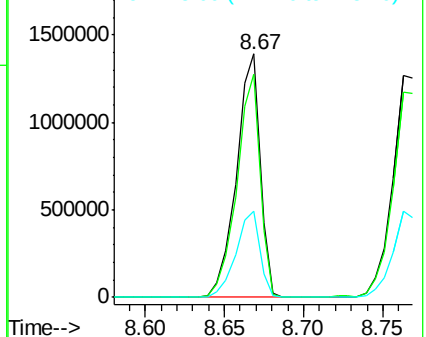
142 100

141 91.5 71.3 106.9

115 35.6 27.1 40.7



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: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

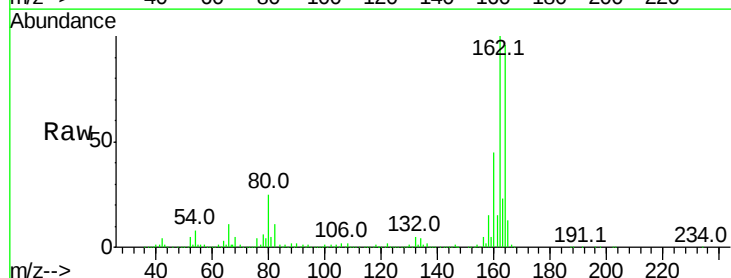
Tgt Ion:164 Resp: 437809

Ion Ratio Lower Upper

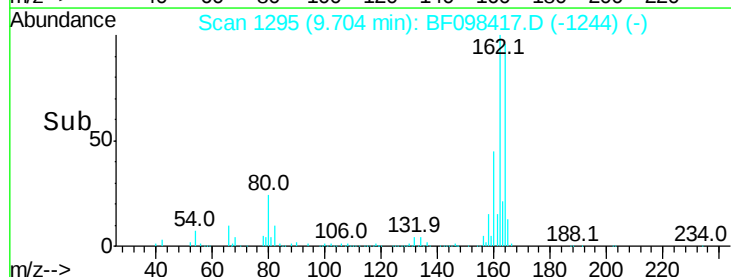
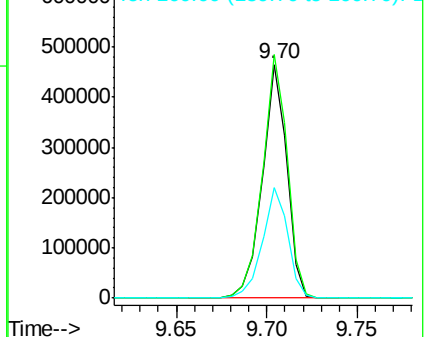
164 100

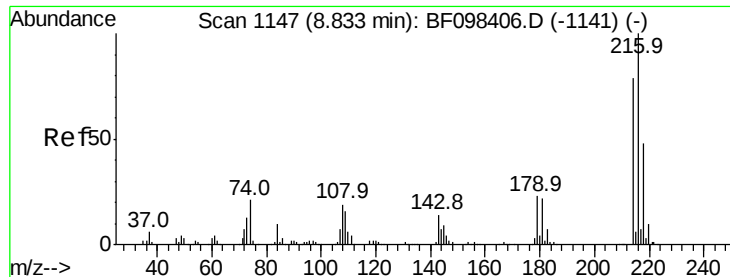
162 104.1 82.6 123.8

160 47.0 36.2 54.2



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: 43.190 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

Tot Ion:216 Resp: 589013

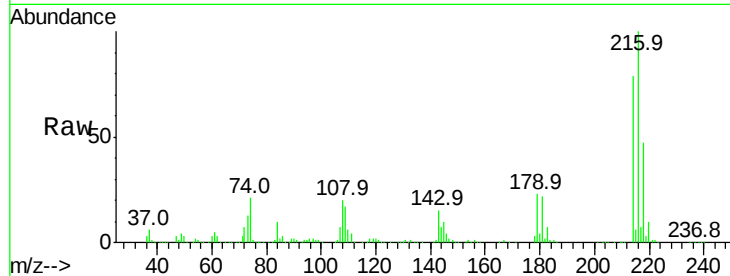
Ion Ratio Lower Upper

216 100

214 78.0 63.4 95.2

179 22.8 17.9 26.9

108 23.5 16.5 24.7

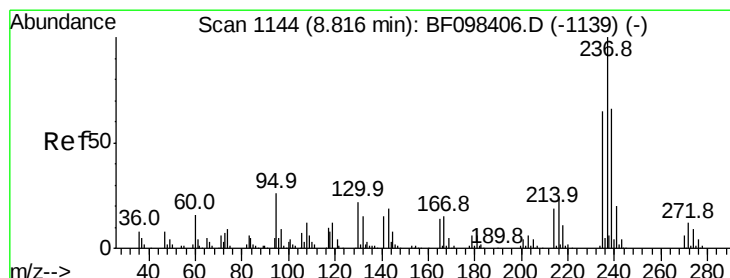
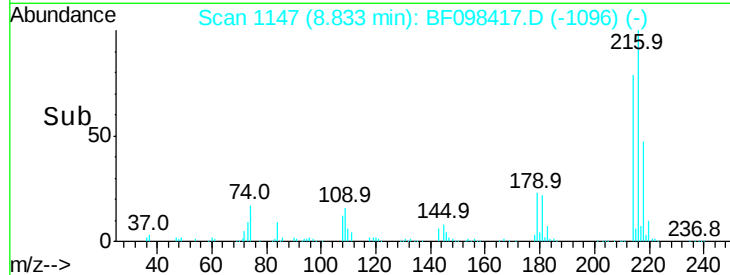
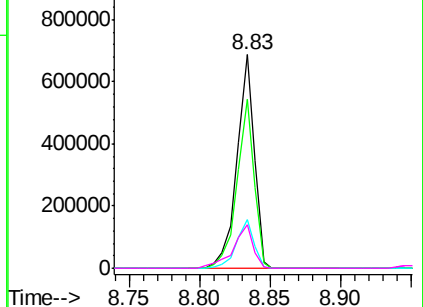


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 92.575 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

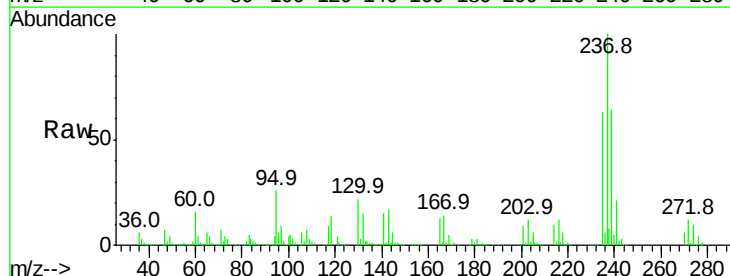
Tgt Ion:237 Resp: 376752

Ion Ratio Lower Upper

237 100

235 62.9 42.6 82.6

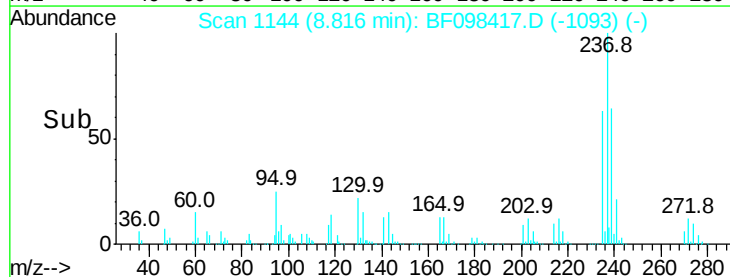
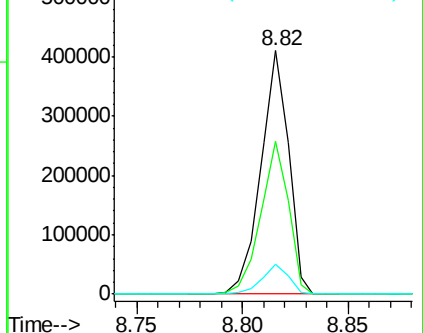
272 12.0 0.0 31.9

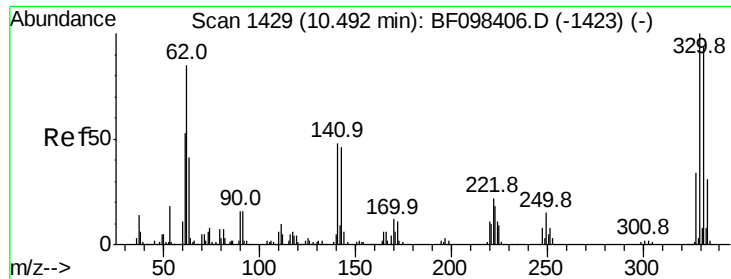


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

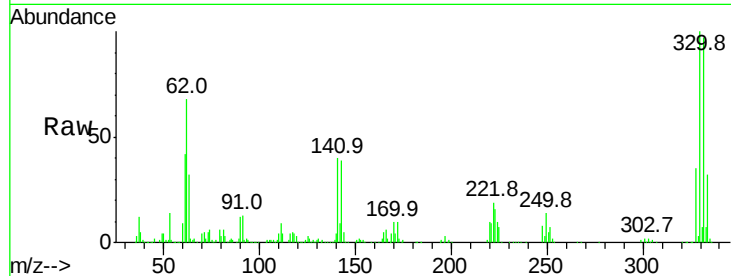




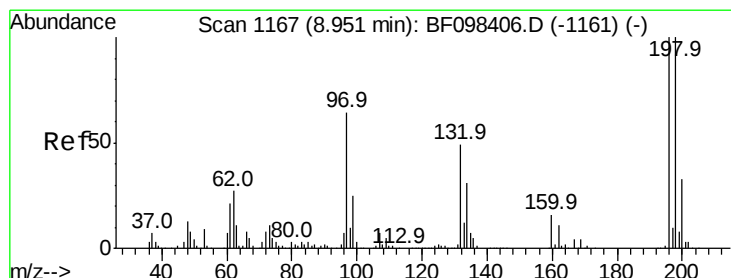
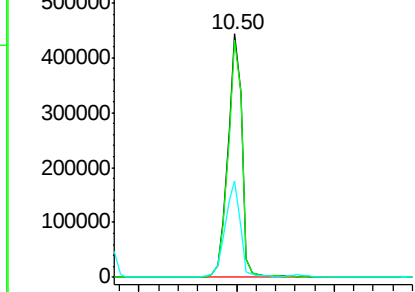
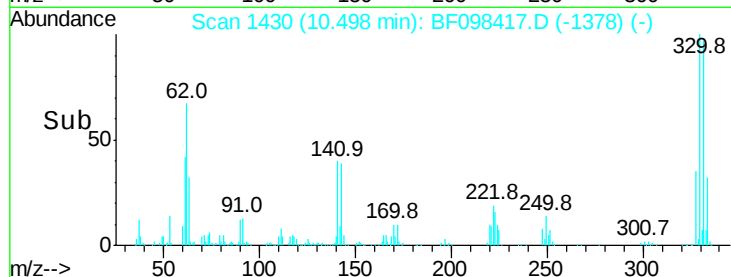
#41
 2,4,6-Tribromophenol
 Concen: 152.157 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	42.6	31.4	47.2

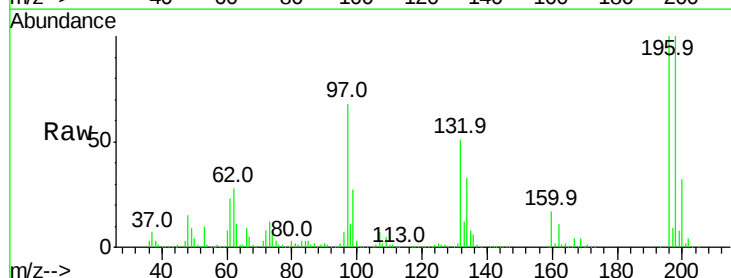


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

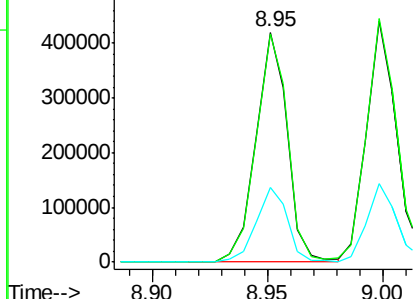
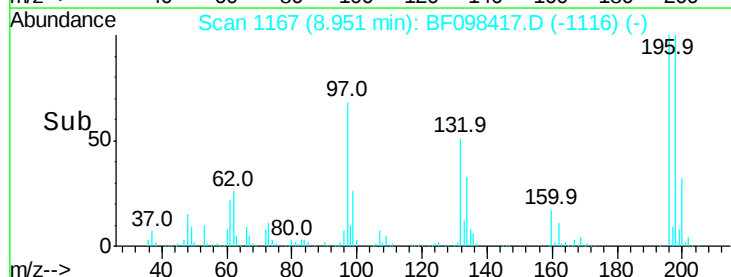


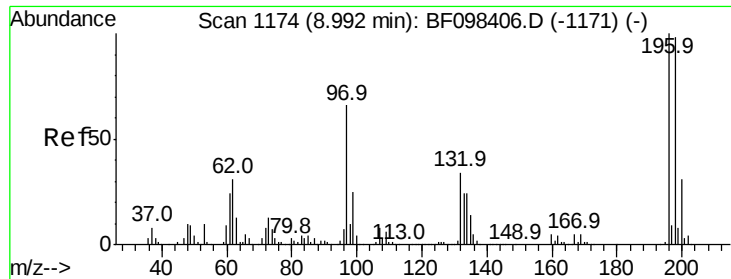
#42
 2,4,6-Trichlorophenol
 Concen: 49.705 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.5	74.2	111.4
200	32.2	24.0	36.0



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

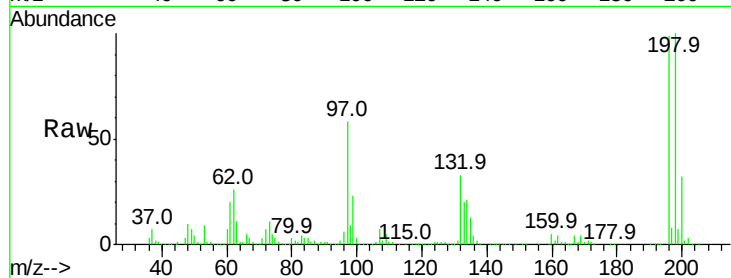




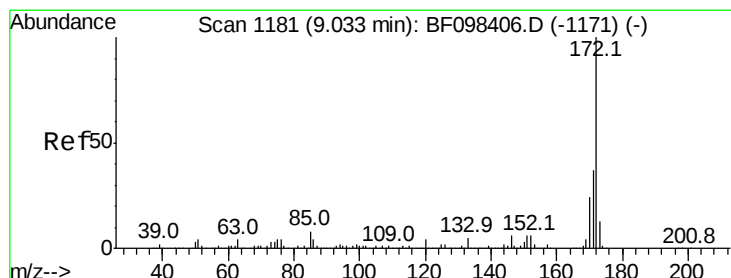
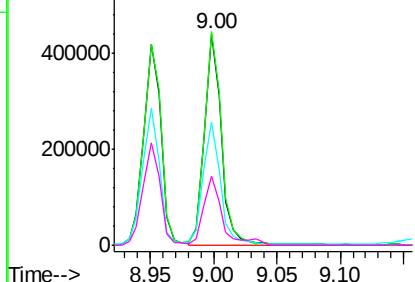
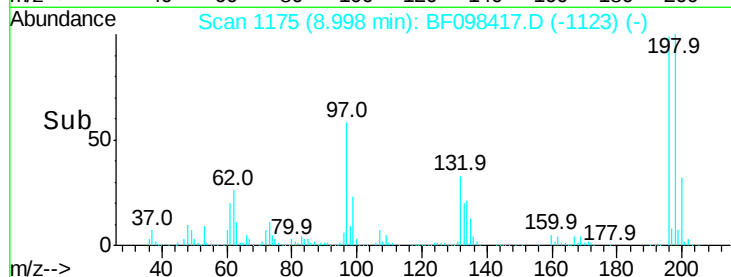
#43
 2,4,5-Trichlorophenol
 Concen: 49.095 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

Tot Ion:196 Resp: 411051
 Ion Ratio Lower Upper
 196 100
 198 101.1 75.7 113.5
 97 58.5 47.7 71.5
 132 32.9 28.0 42.0

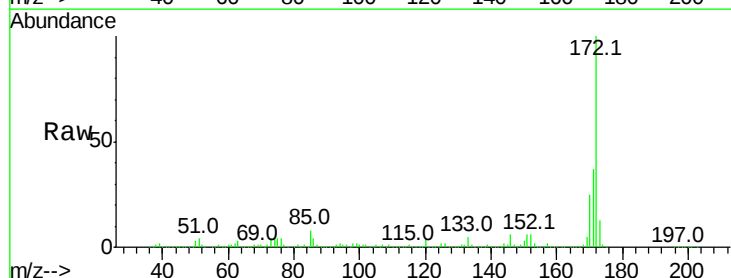


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

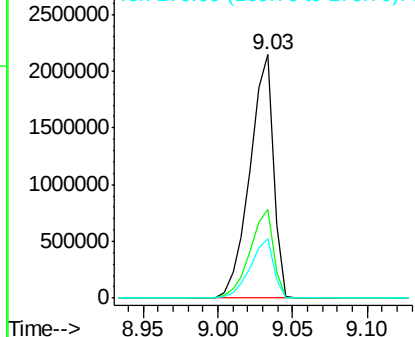
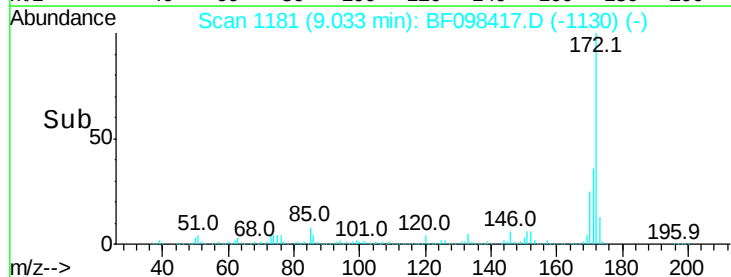


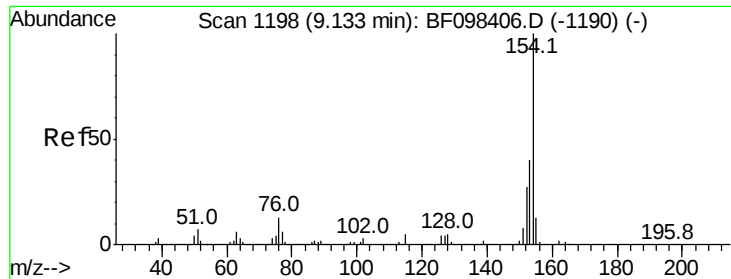
#44
 2-Fluorobiphenyl
 Concen: 90.384 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Tgt Ion:172 Resp: 2334671
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.5 19.8 29.8



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



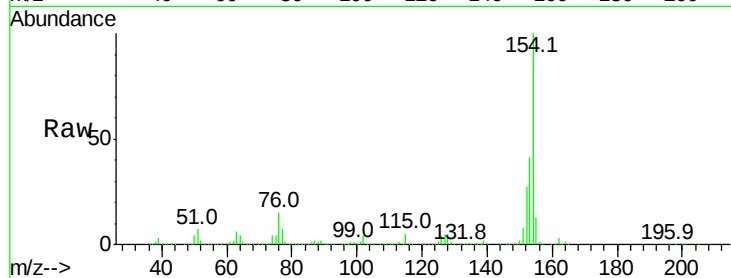


#45
 1,1'-Biphenyl
 Concen: 43.339 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

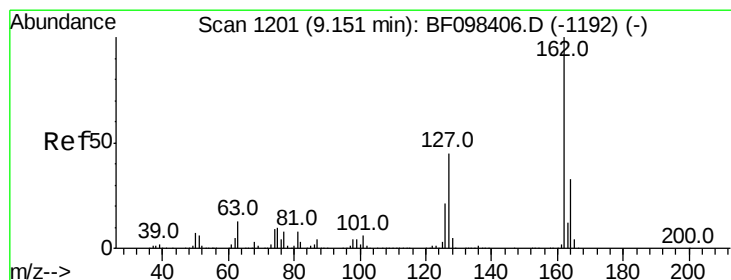
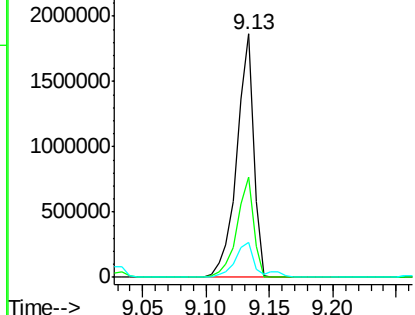
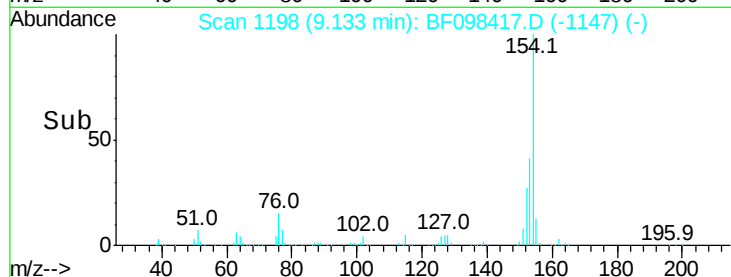
Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

Tot Ion:154 Resp: 1698297

Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.2	61.2
76	14.5	0.0	29.9



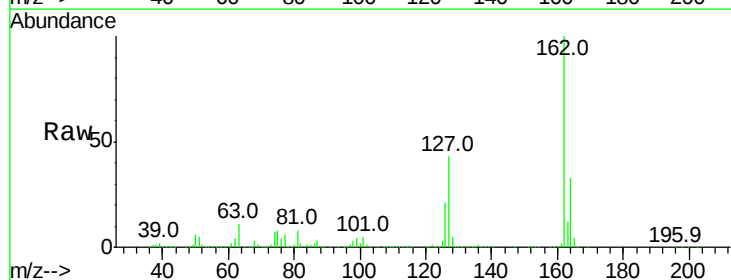
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



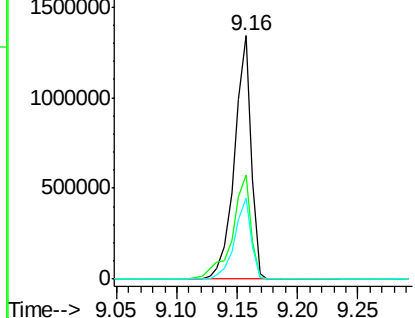
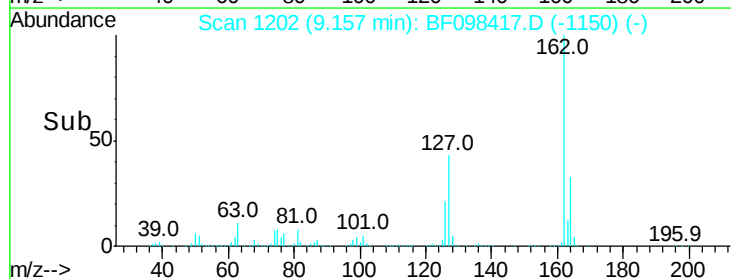
#46
 2-Chloronaphthalene
 Concen: 46.020 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

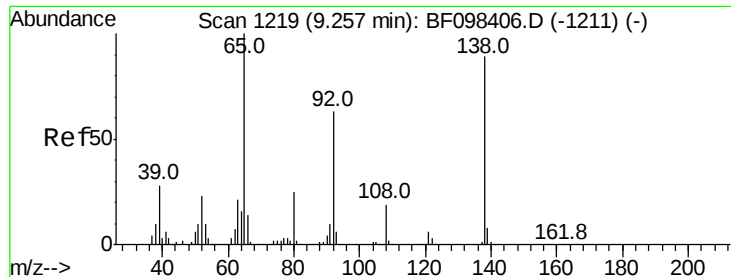
Tgt Ion:162 Resp: 1287928

Ion	Ratio	Lower	Upper
162	100		
127	43.0	28.3	42.5#
164	33.3	27.0	40.4



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





#47

2-Nitroaniline

Concen: 49.887 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

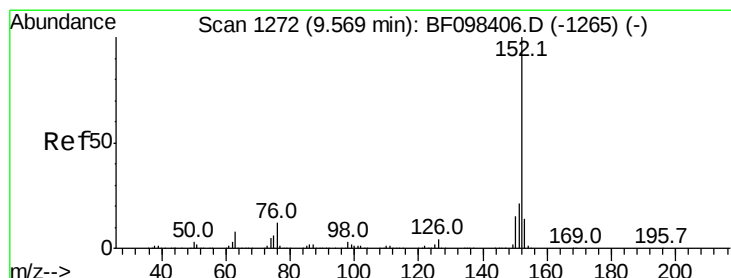
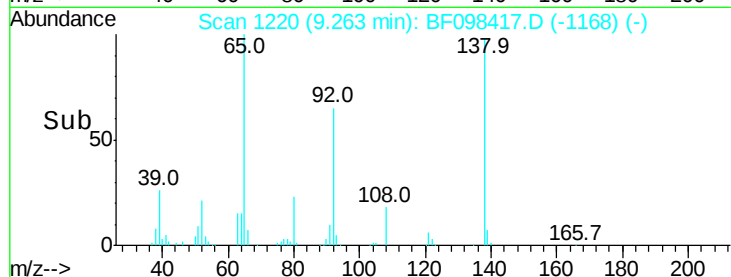
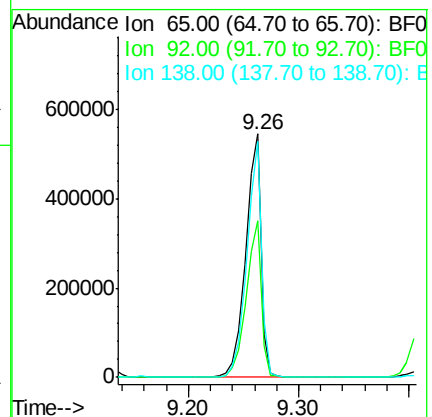
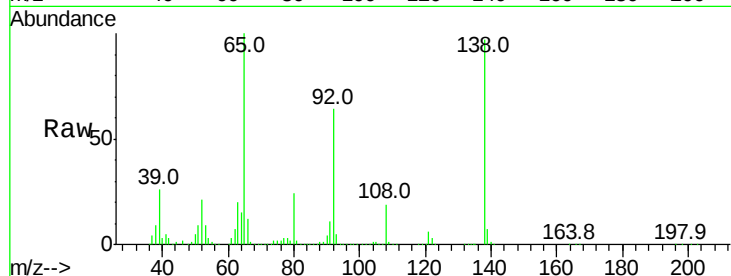
Tot Ion: 65 Resp: 535864

Ion Ratio Lower Upper

65 100

92 64.2 53.9 80.9

138 97.1 78.8 118.2



#48

Acenaphthylene

Concen: 44.383 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

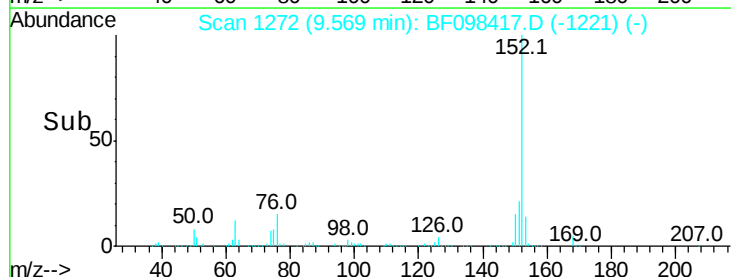
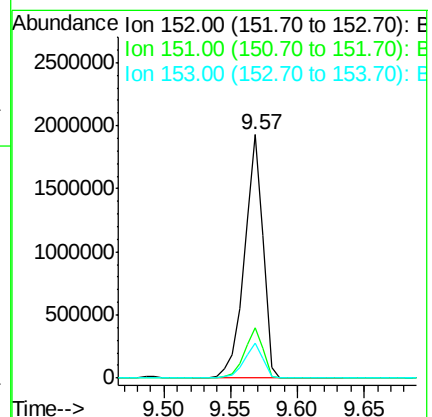
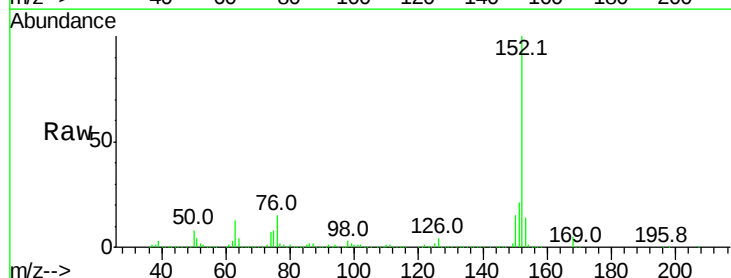
Tgt Ion: 152 Resp: 1846811

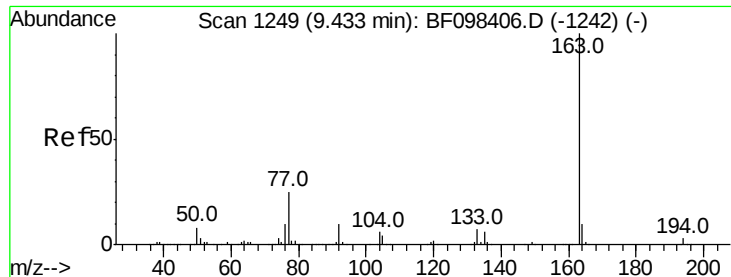
Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

153 14.1 10.8 16.2

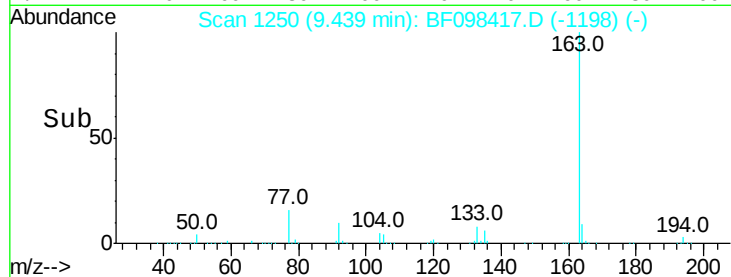
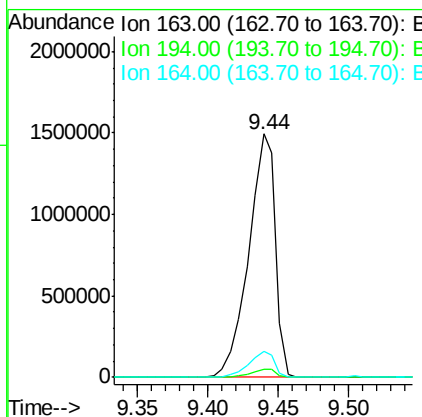
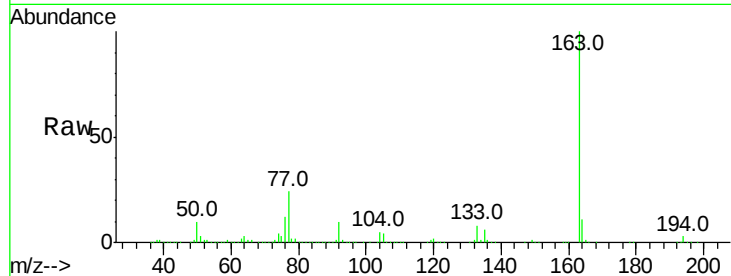




#49
Dimethylphthalate
Concen: 58.347 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

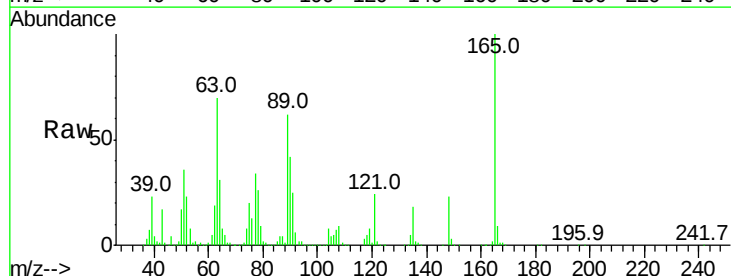
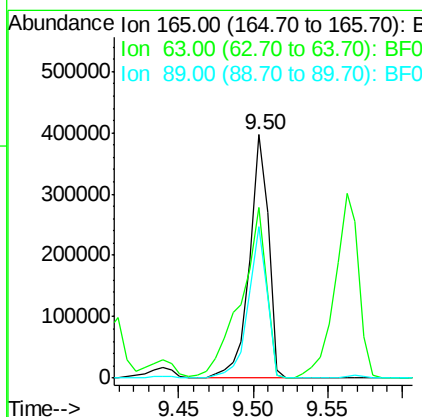
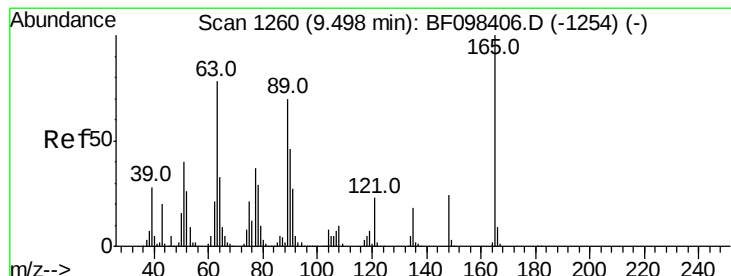
Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

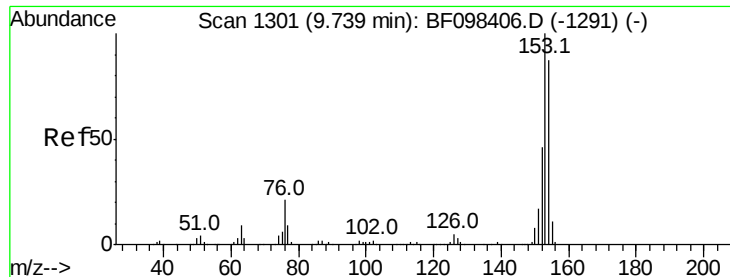
Tot Ion:163 Resp: 1977365
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.6 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 49.740 ng
RT: 9.50 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion:165 Resp: 346263
Ion Ratio Lower Upper
165 100
63 70.0 34.3 51.5#
89 62.0 37.1 55.7#





#51

Acenaphthene

Concen: 44.943 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

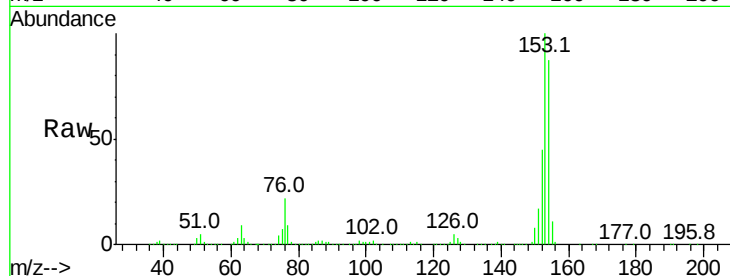
Tot Ion:154 Resp: 1188771

Ion Ratio Lower Upper

154 100

153 114.5 90.5 135.7

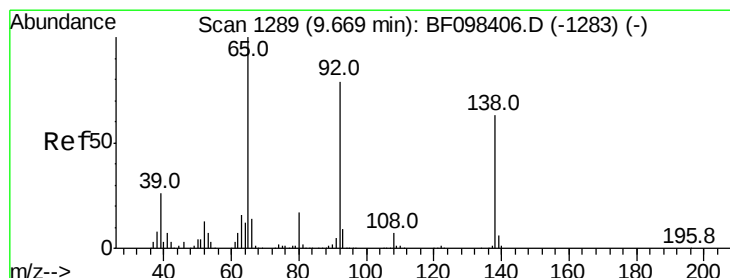
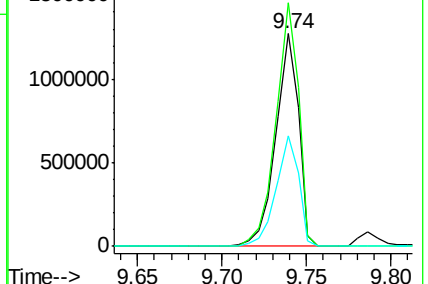
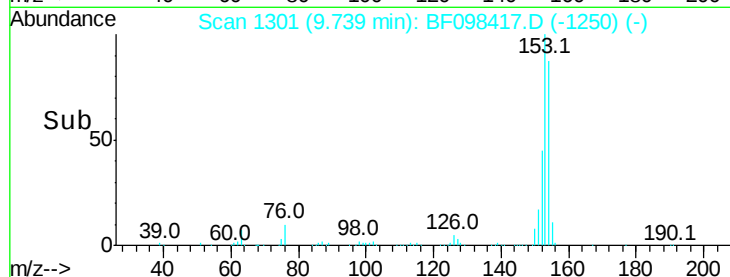
152 51.9 43.6 65.4



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: 35.876 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

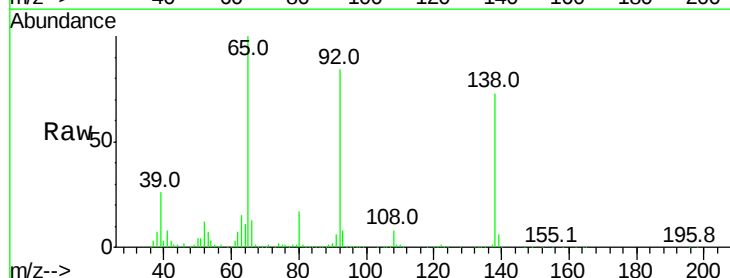
Tgt Ion:138 Resp: 301474

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

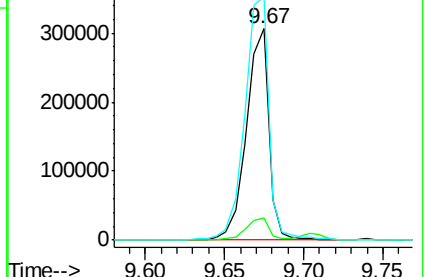
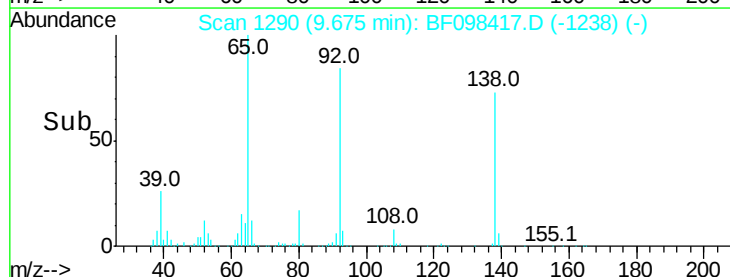
92 115.2 93.8 140.6

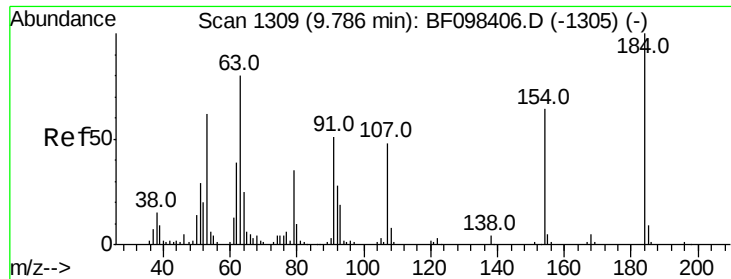


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

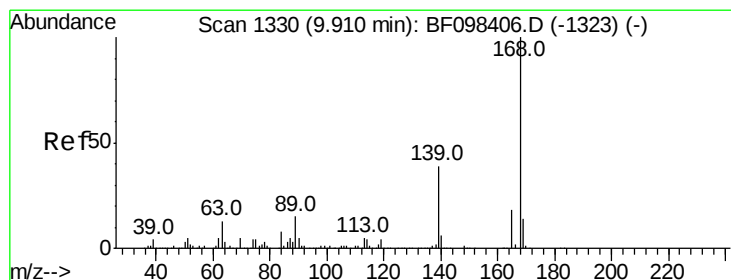
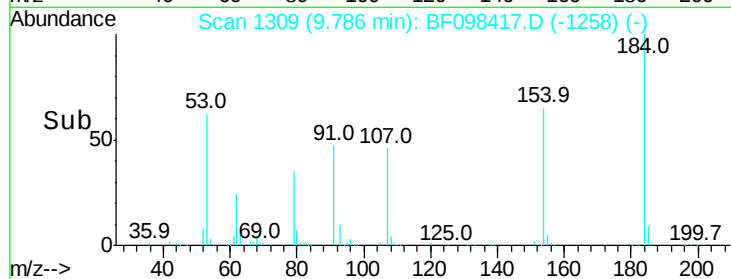
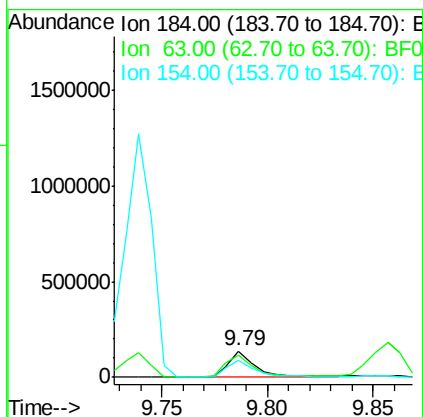
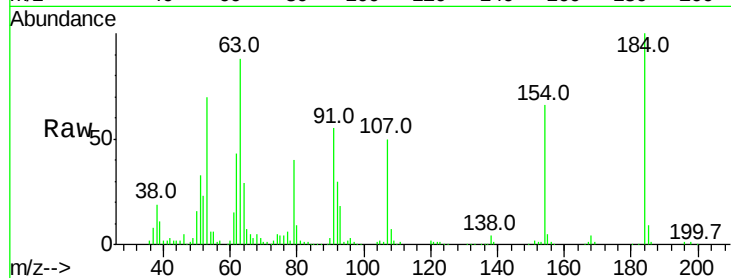




#53
2,4-Dinitrophenol
Concen: 43.266 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

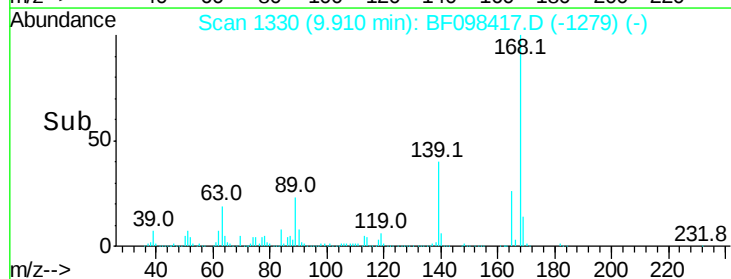
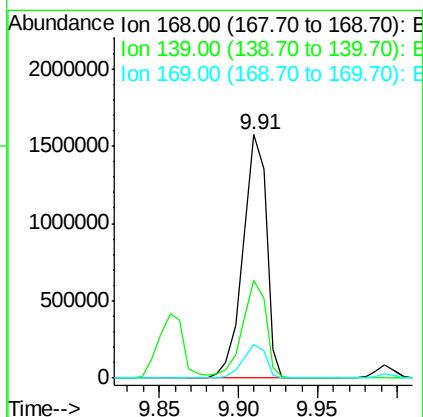
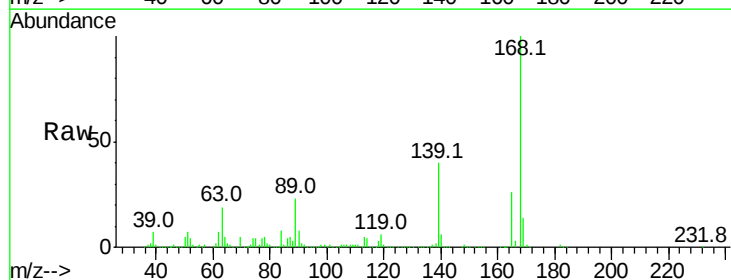
Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

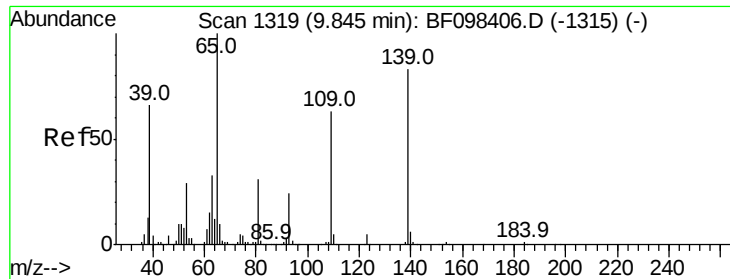
Tot Ion:184 Resp: 127955
Ion Ratio Lower Upper
184 100
63 87.5 62.7 94.1
154 65.8 81.1 121.7#



#54
Dibenzofuran
Concen: 46.293 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion:168 Resp: 1613125
Ion Ratio Lower Upper
168 100
139 40.3 30.6 45.8
169 13.9 10.8 16.2





#55

4-Nitrophenol

Concen: 96.375 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

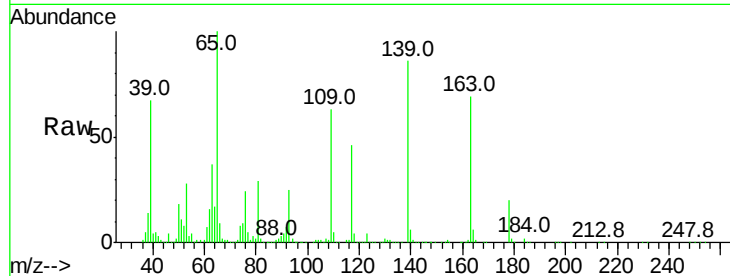
Tot Ion:139 Resp: 465292

Ion Ratio Lower Upper

139 100

109 73.2 34.1 74.1

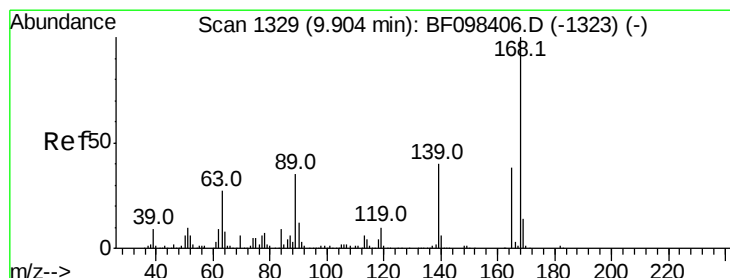
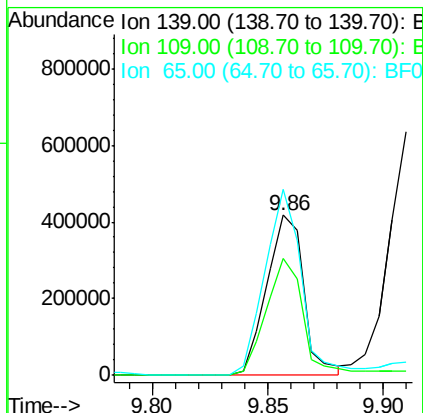
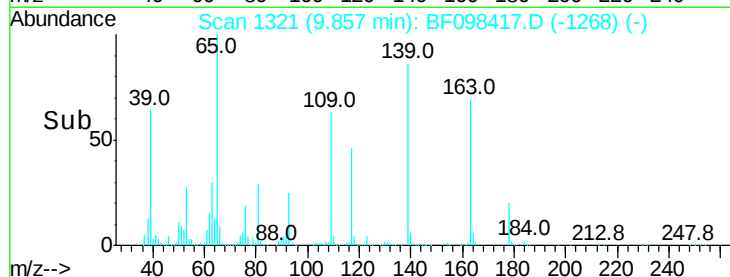
65 116.3 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 47.226 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Tgt Ion:165 Resp: 399688

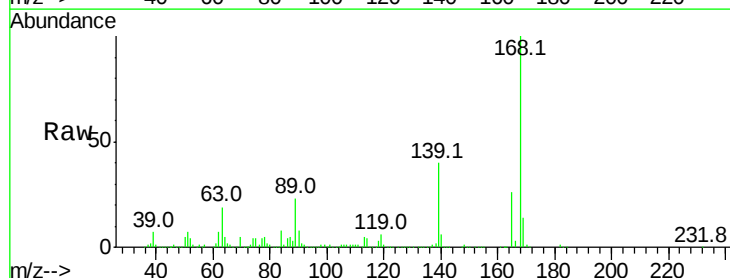
Ion Ratio Lower Upper

165 100

63 71.9 25.4 38.0#

89 88.4 46.4 69.6#

182 2.5 1.8 2.6

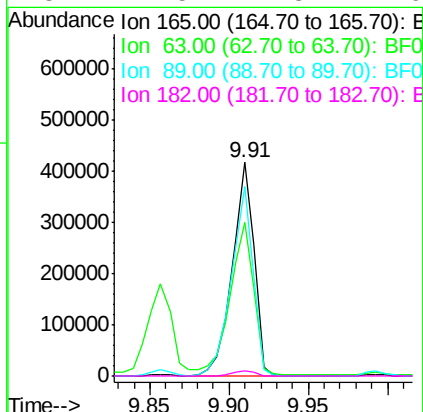
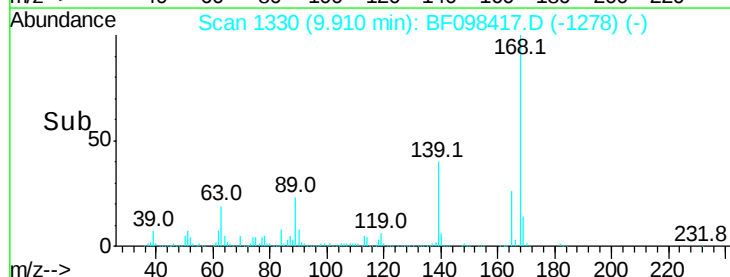


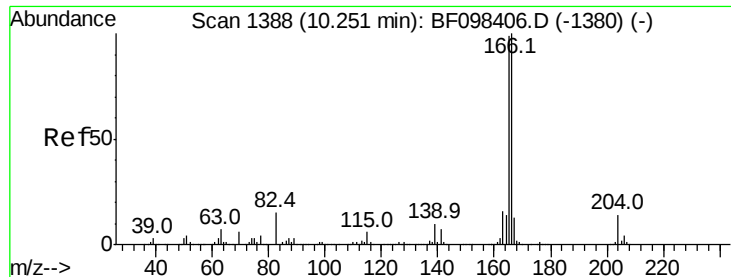
Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.071 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

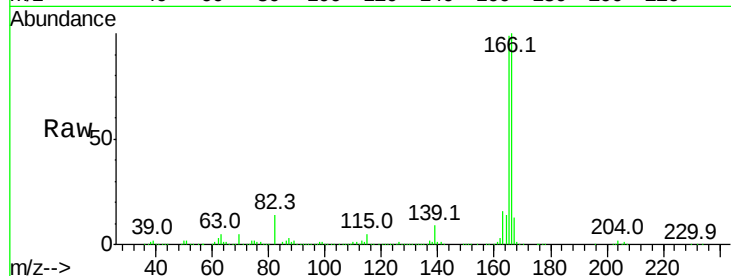
Tot Ion:166 Resp: 1242274

Ion Ratio Lower Upper

166 100

165 99.1 78.8 118.2

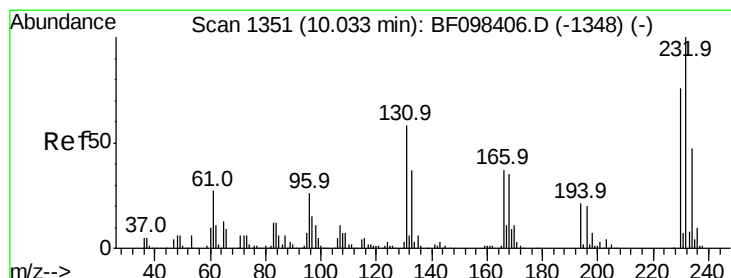
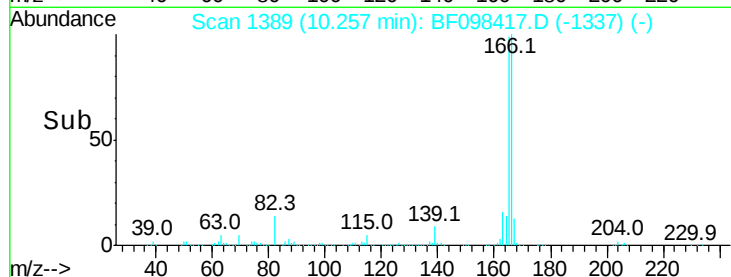
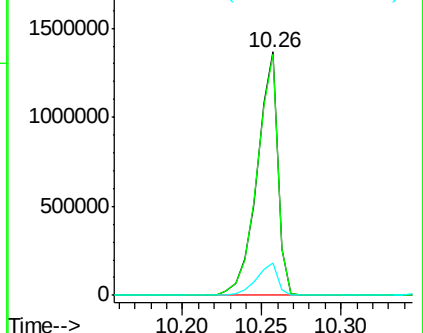
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.035 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Tgt Ion:232 Resp: 292791

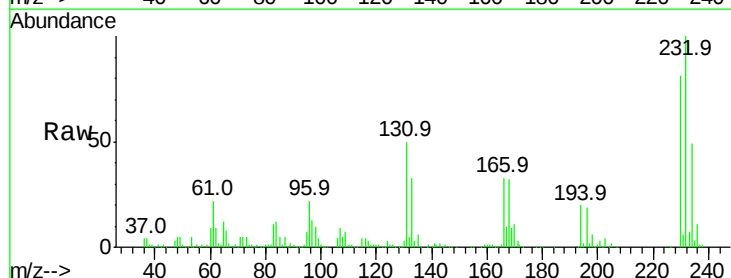
Ion Ratio Lower Upper

232 100

131 56.7 44.8 67.2

130 3.1 2.3 3.5

166 34.8 29.0 43.4

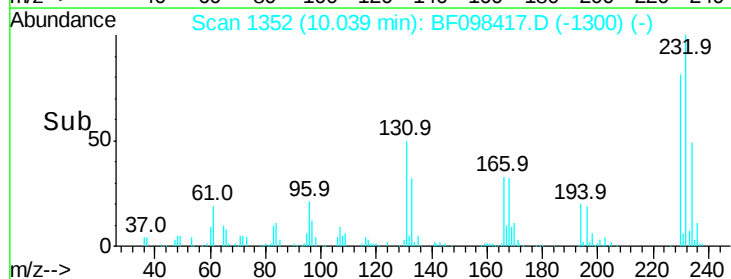
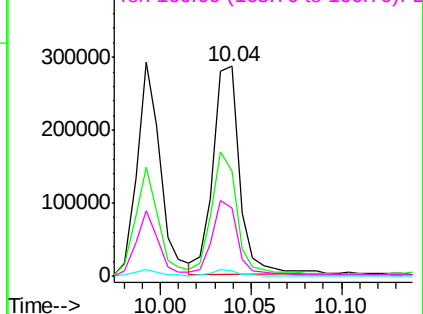


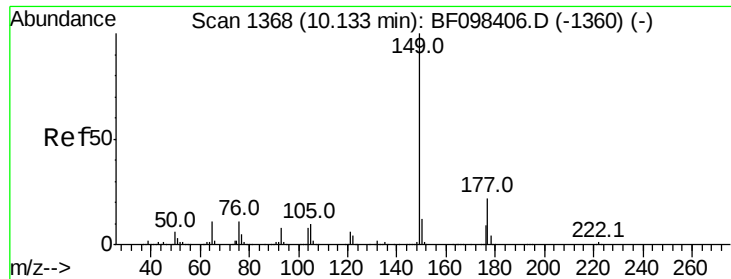
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

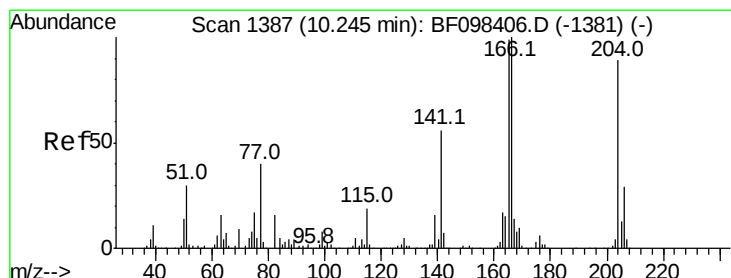
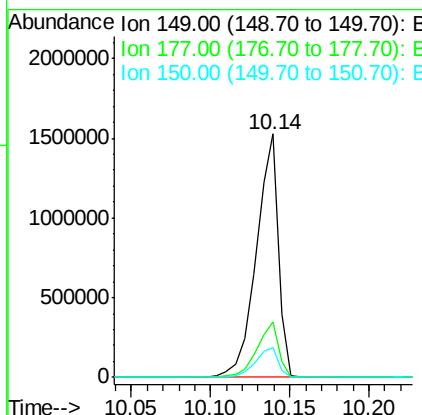
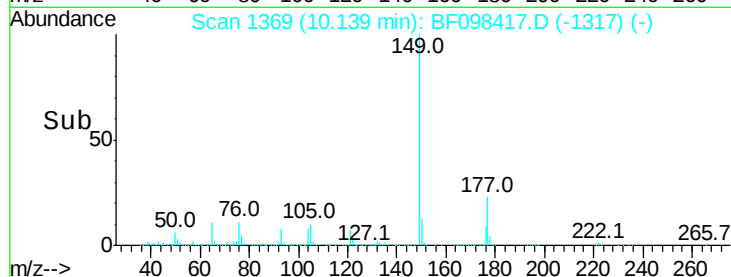
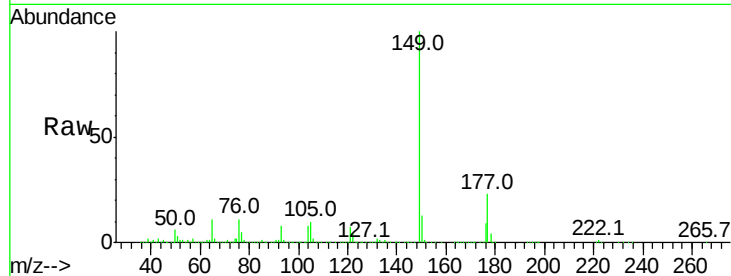




#59
Diethylphthalate
Concen: 45.801 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

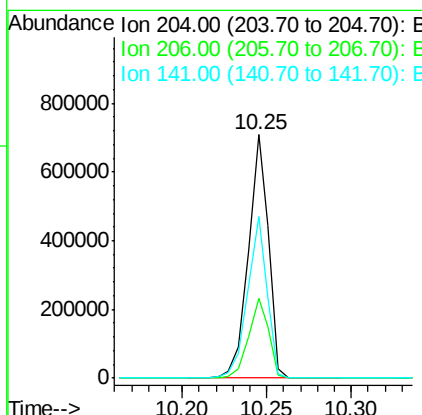
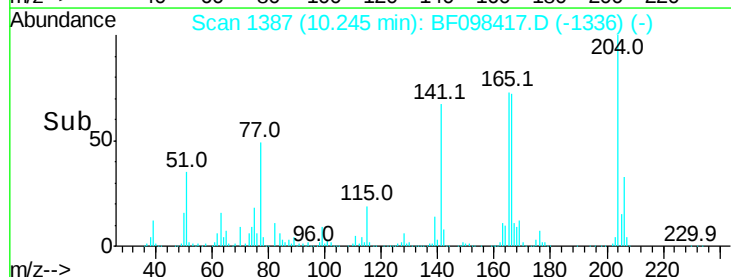
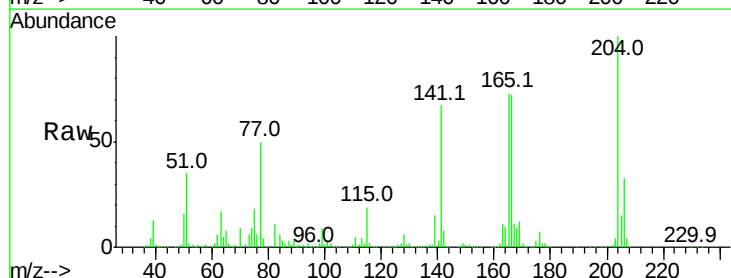
Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

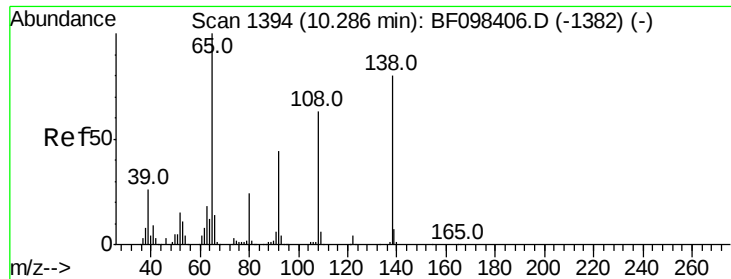
Tot Ion:149 Resp: 1476199
Ion Ratio Lower Upper
149 100
177 22.9 16.7 25.1
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.214 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion:204 Resp: 589009
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 66.6 60.8 91.2

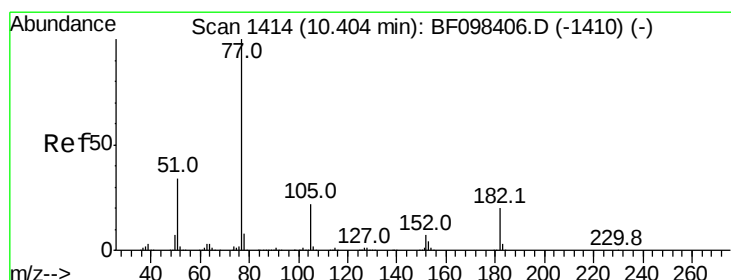
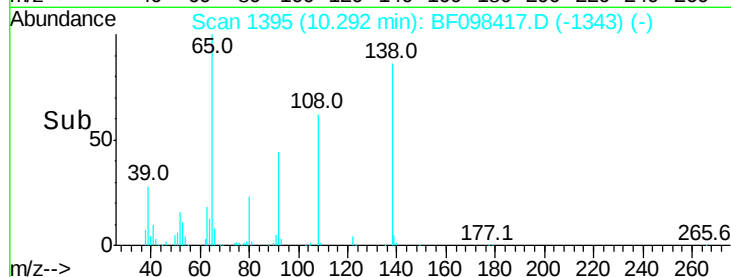
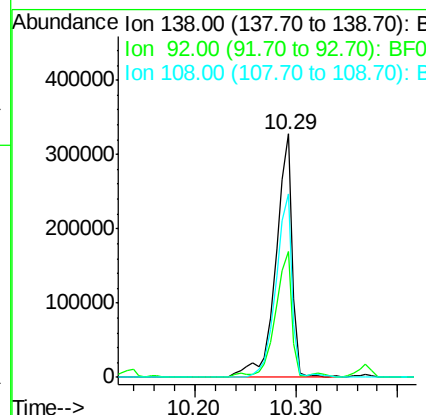
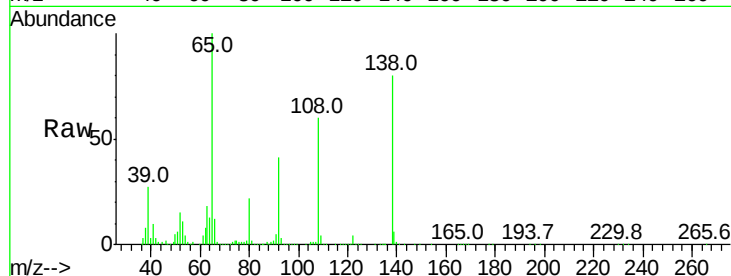




#61
4-Nitroaniline
Concen: 44.210 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

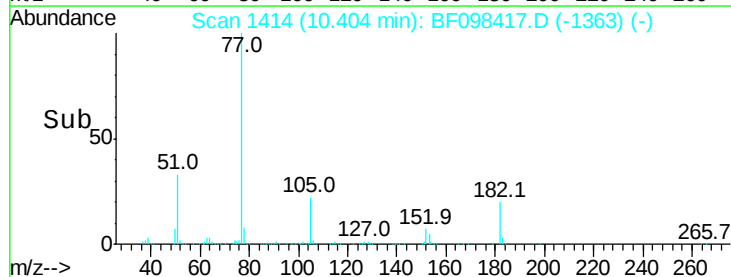
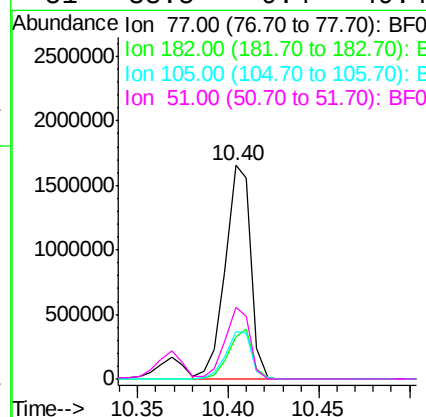
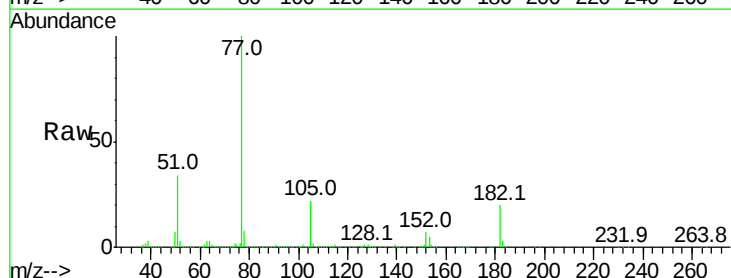
Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

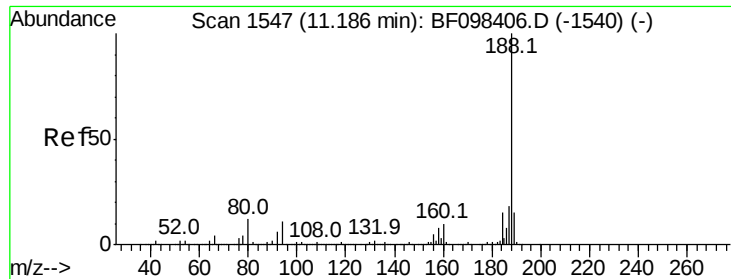
Tot Ion:138 Resp: 375185
Ion Ratio Lower Upper
138 100
92 51.8 21.8 61.8
108 75.2 42.3 82.3



#62
Azobenzene
Concen: 46.480 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion: 77 Resp: 1614591
Ion Ratio Lower Upper
77 100
182 20.0 0.1 40.1
105 22.1 3.6 43.6
51 33.5 9.4 49.4

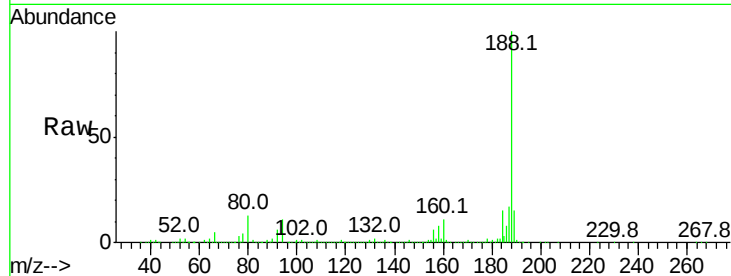




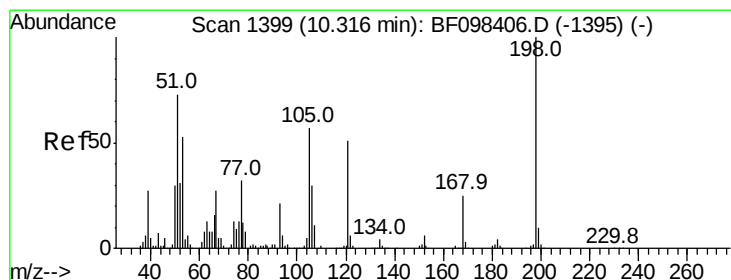
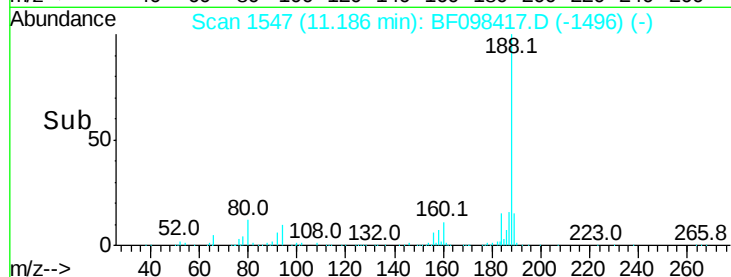
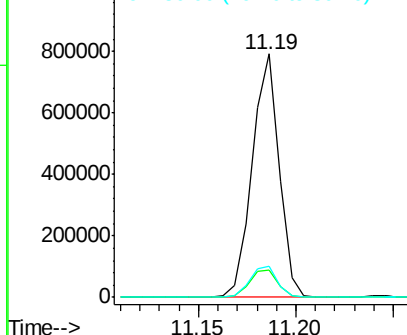
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion:188 Resp: 756764
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 12.6 10.2 15.2

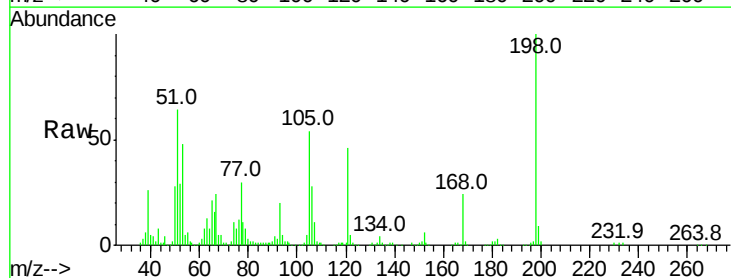


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

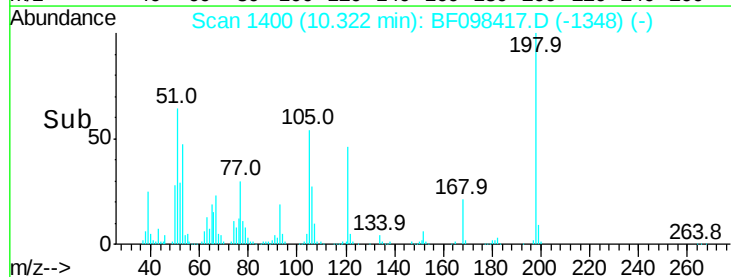
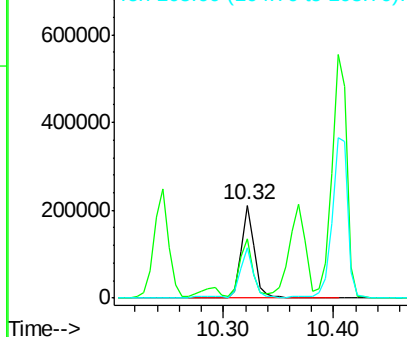


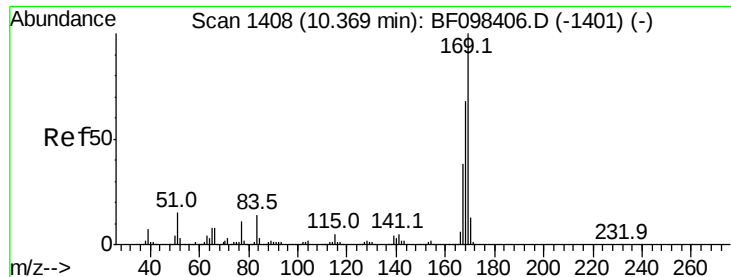
#64
4,6-Dinitro-2-methylphenol
Concen: 39.724 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion:198 Resp: 179955
Ion Ratio Lower Upper
198 100
51 64.3 53.2 93.2
105 53.8 45.8 85.8



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





#65

n-Nitrosodiphenylamine

Concen: 48.192 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

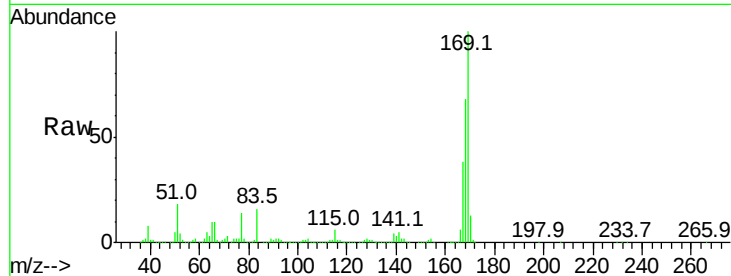
Tot Ion:169 Resp: 1184199

Ion Ratio Lower Upper

169 100

168 68.4 53.2 79.8

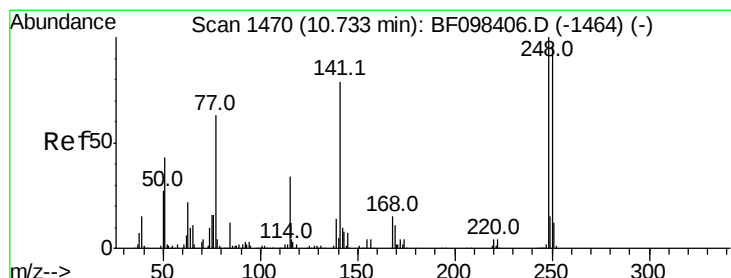
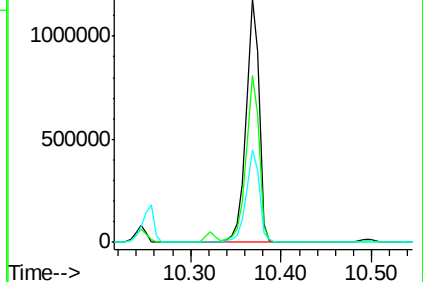
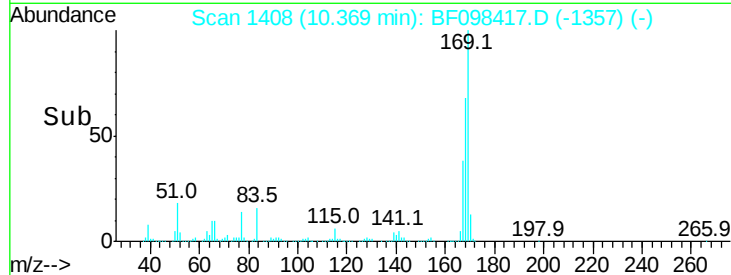
167 37.9 29.5 44.3



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: 49.579 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

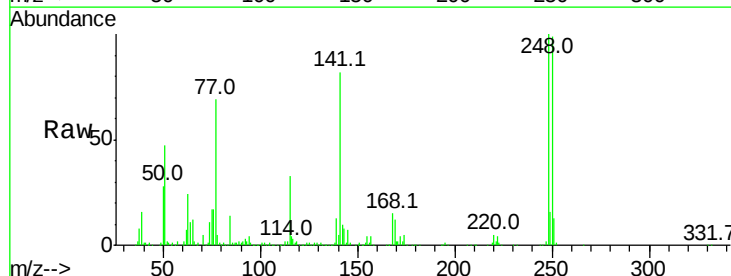
Tgt Ion:248 Resp: 356097

Ion Ratio Lower Upper

248 100

250 98.9 76.8 115.2

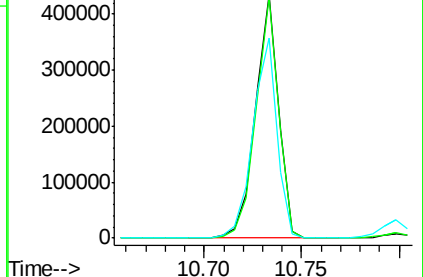
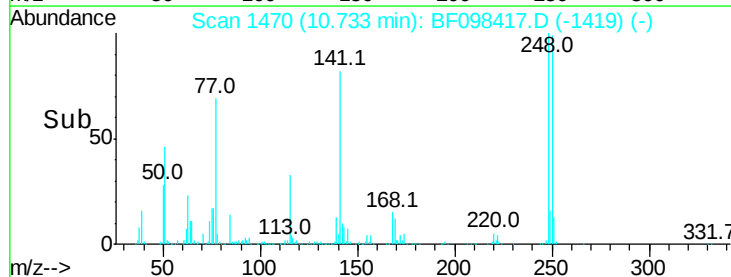
141 82.1 68.6 103.0

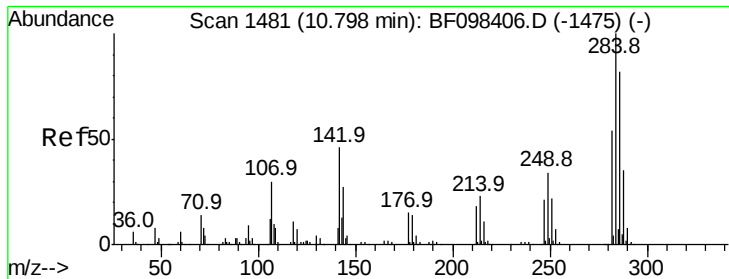


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

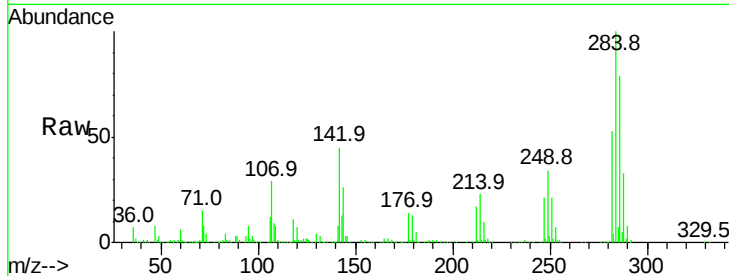




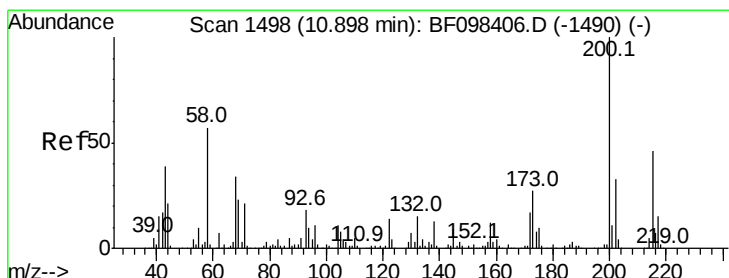
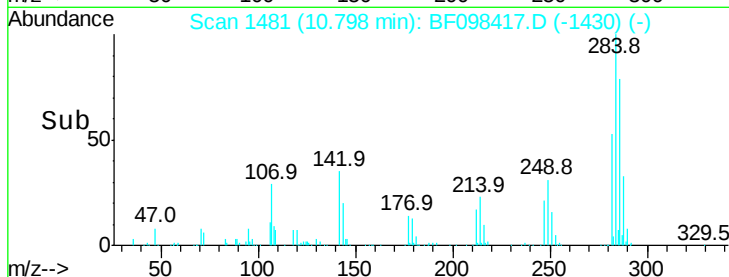
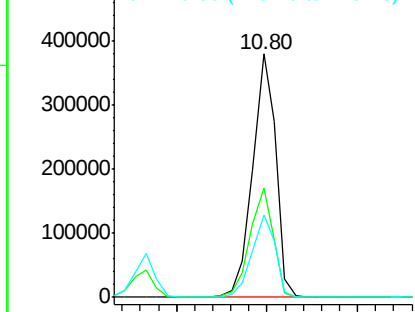
#67
Hexachlorobenzene
Concen: 46.265 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	45.0	22.8	34.2#
249	33.9	24.0	36.0

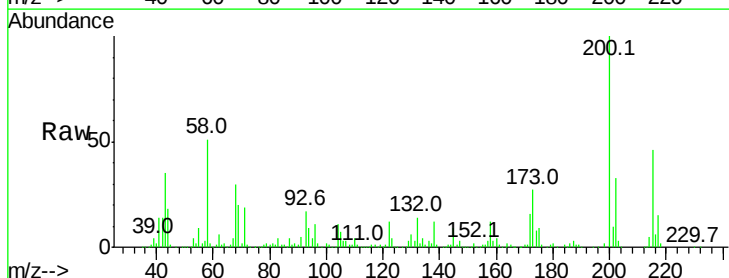


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

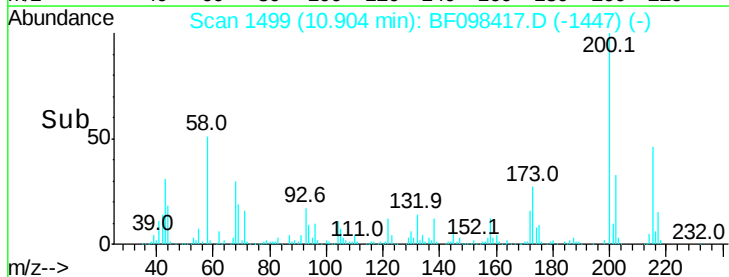
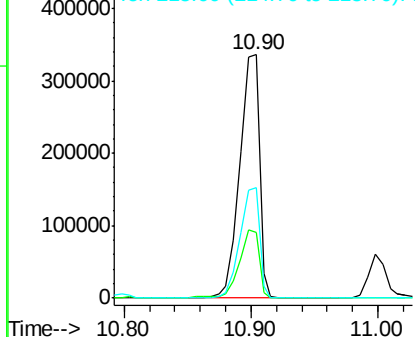


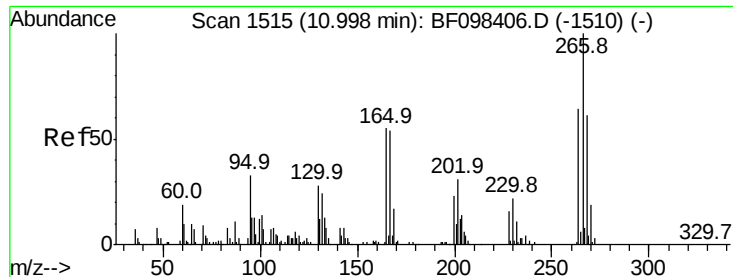
#68
Atrazine
Concen: 47.338 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.3	46.3
215	45.6	27.2	67.2



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

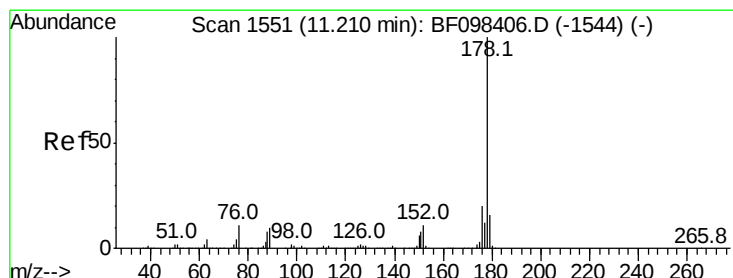
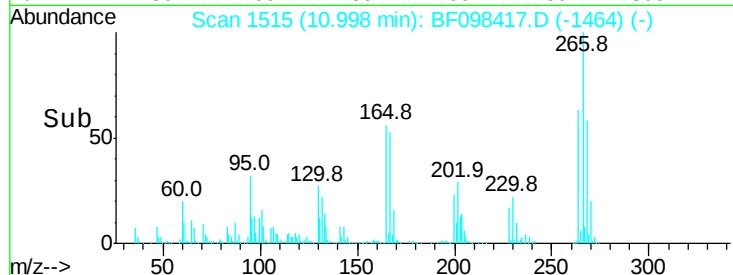
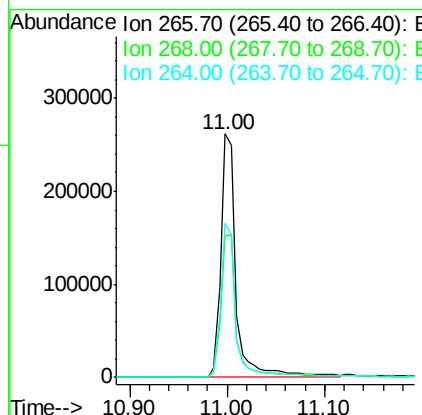
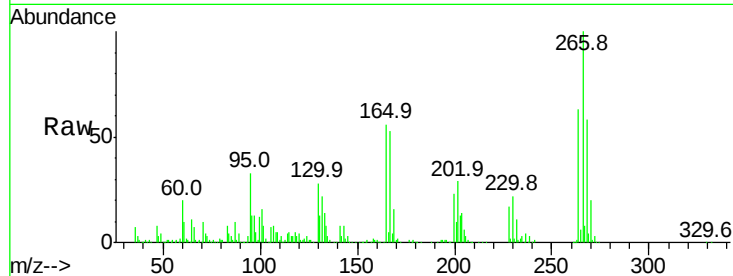




#69
 Pentachlorophenol
 Concen: 87.638 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

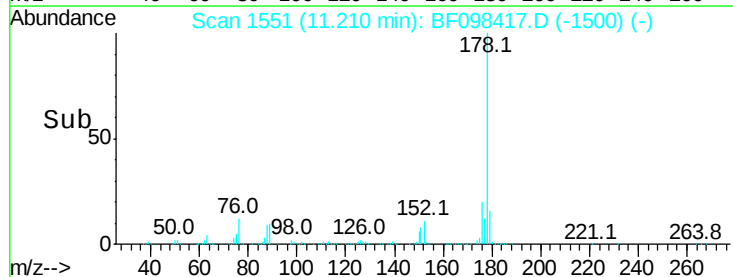
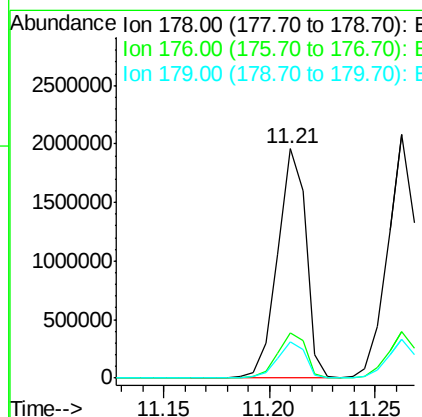
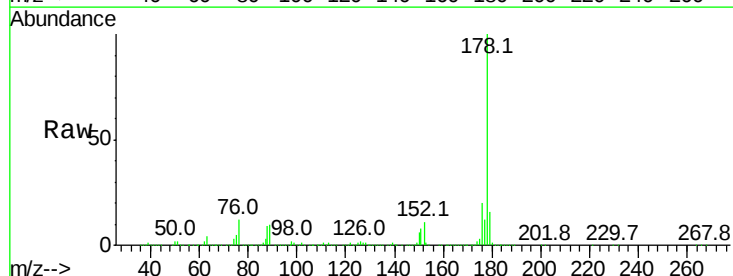
Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

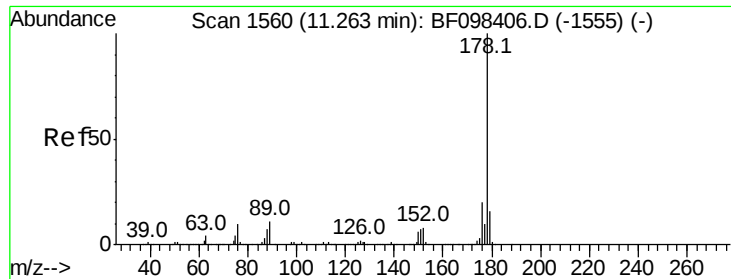
Tot Ion	Ratio	Lower	Upper
266	100		
268	58.1	51.1	76.7
264	63.1	51.7	77.5



#70
 Phenanthrene
 Concen: 45.692 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.7	12.6	19.0

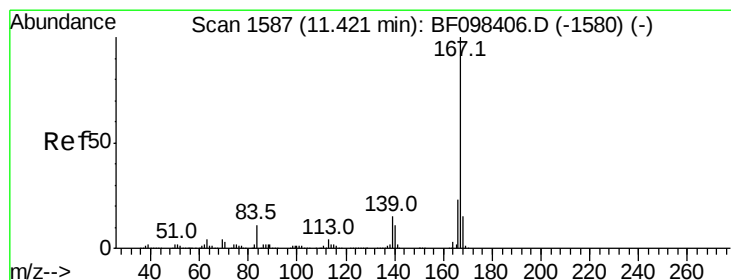
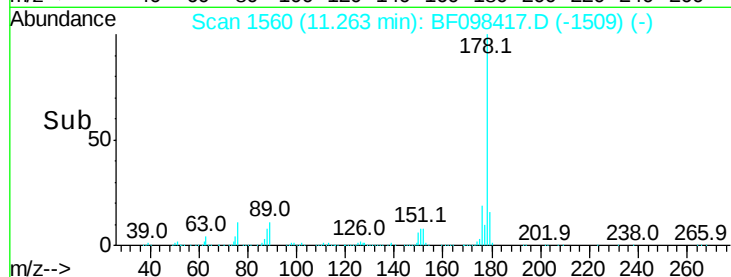
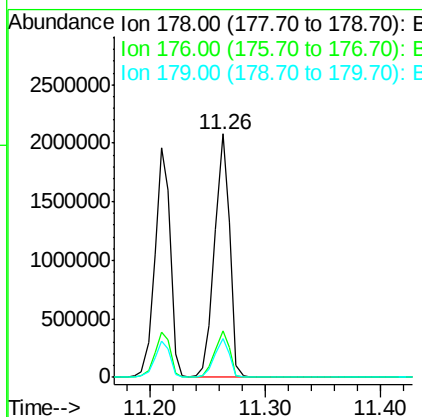
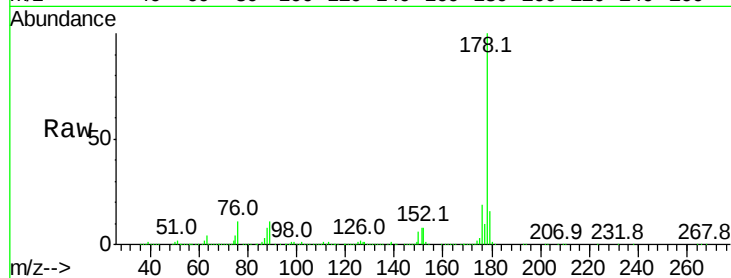




#71
 Anthracene
 Concen: 45.851 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

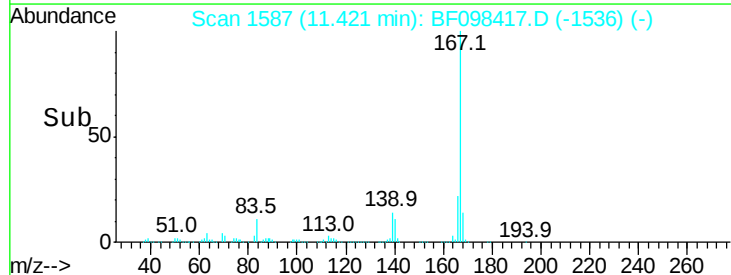
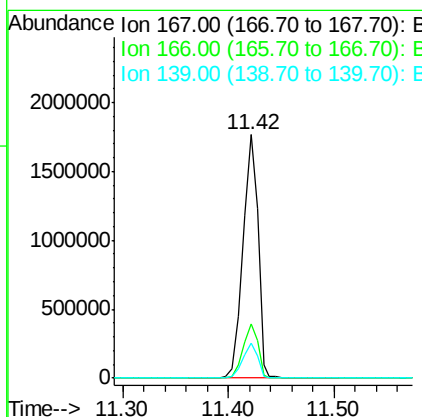
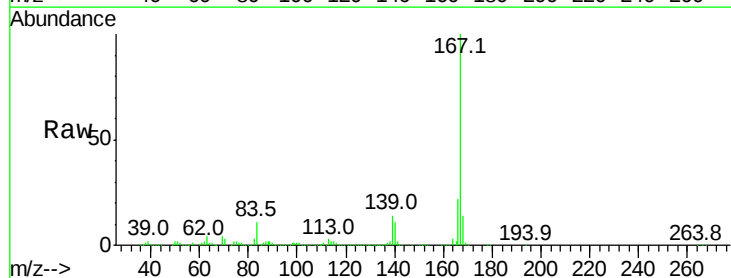
Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

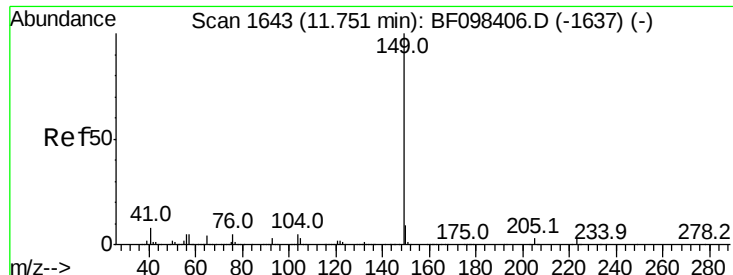
Tot Ion:178 Resp: 1888567
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 16.0 12.7 19.1



#72
 Carbazole
 Concen: 44.469 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Tgt Ion:167 Resp: 1707022
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 14.3 11.7 17.5

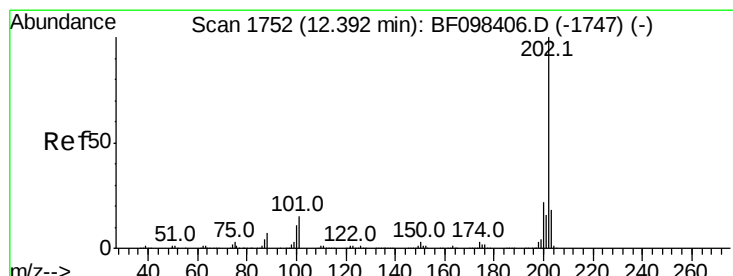
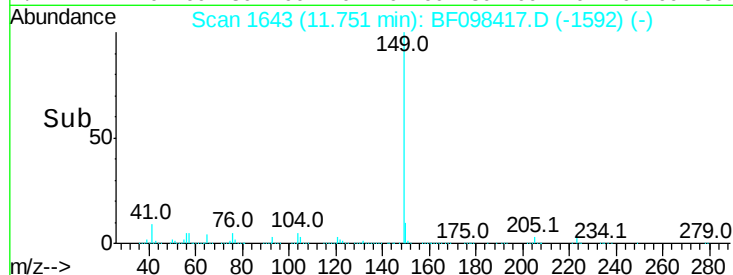
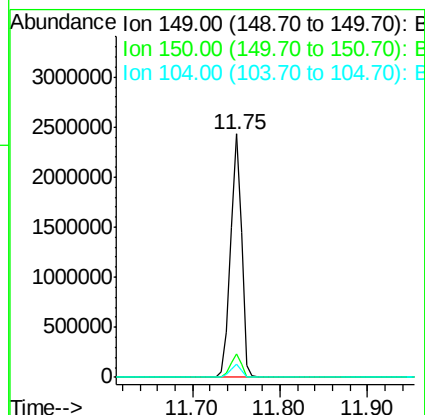
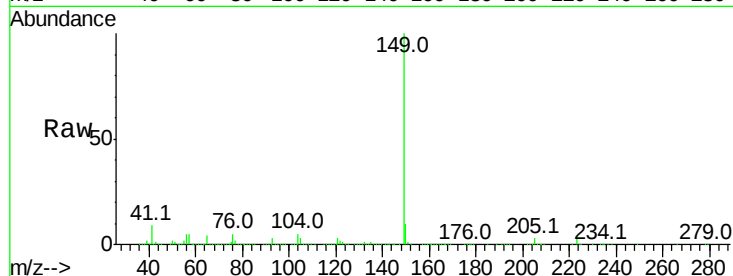




#73
Di-n-butylphthalate
Concen: 46.655 ng
RT: 11.75 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

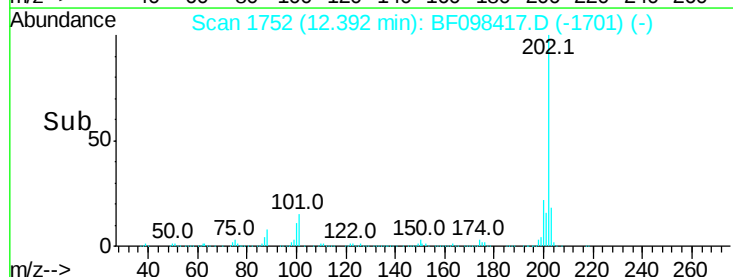
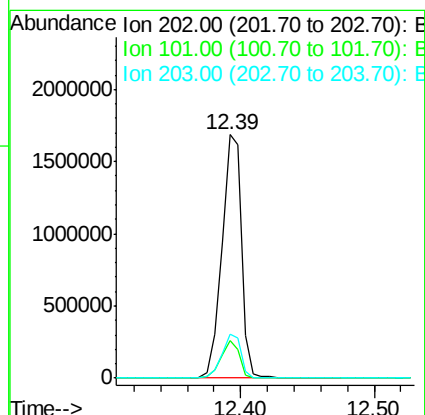
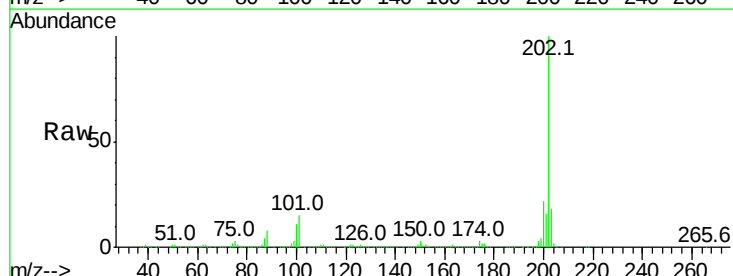
Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

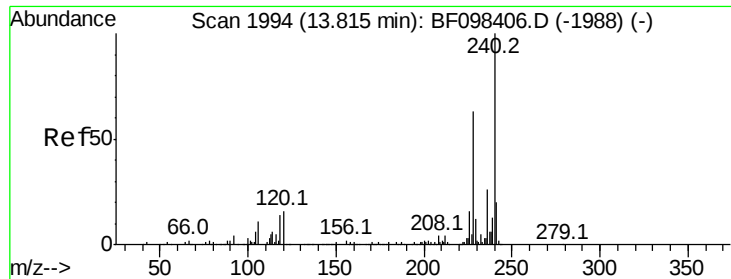
Tot Ion:149 Resp: 2145818
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 5.4 4.0 6.0



#74
Fluoranthene
Concen: 43.471 ng
RT: 12.39 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion:202 Resp: 1745870
Ion Ratio Lower Upper
202 100
101 15.2 0.0 33.2
203 18.0 0.0 38.1

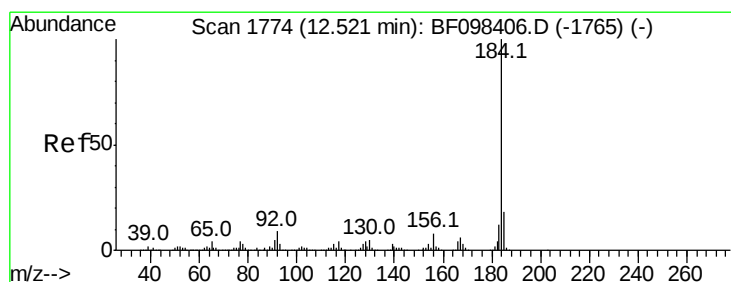
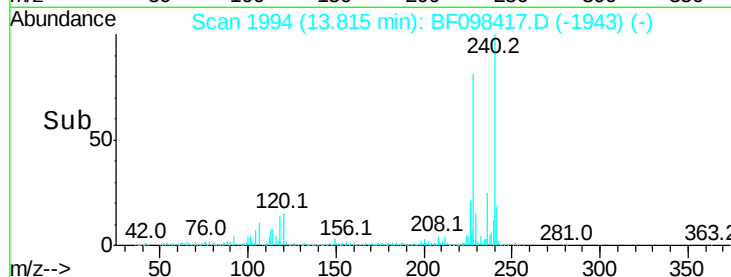
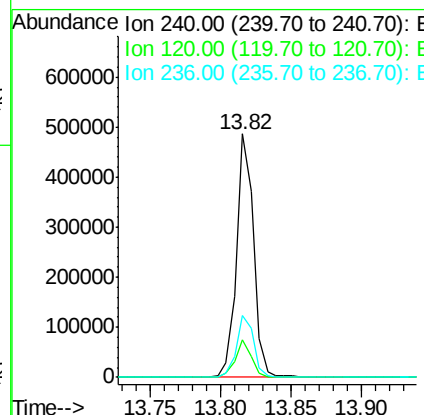
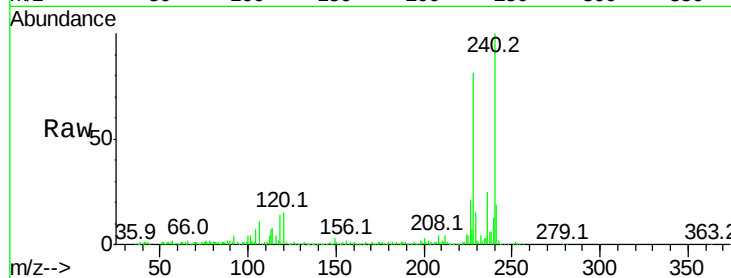




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

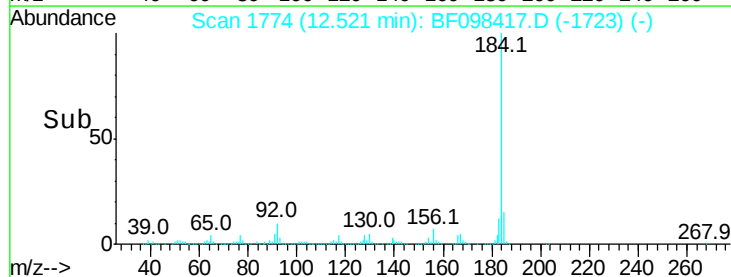
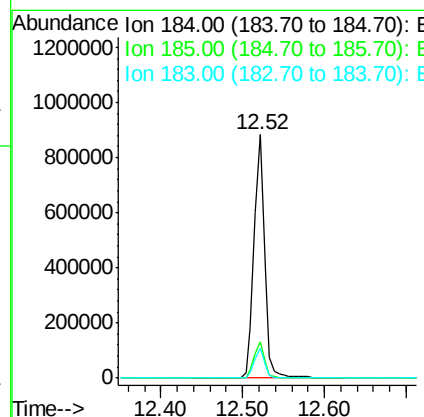
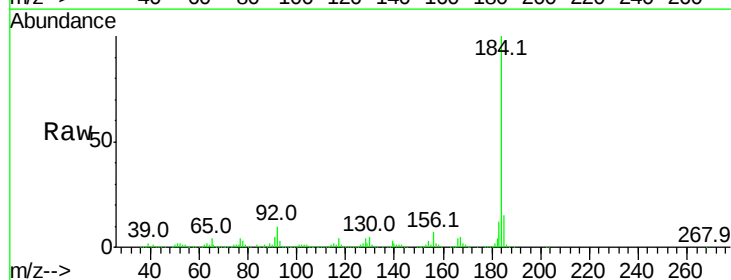
Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

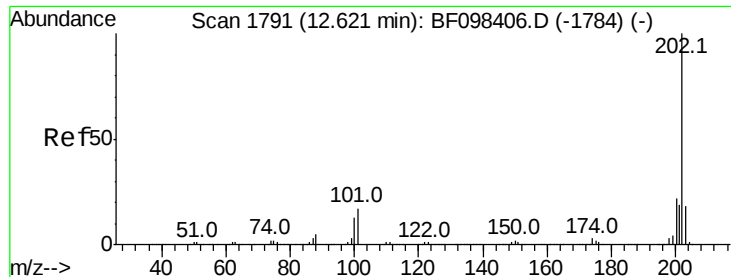
Tot Ion:240 Resp: 409078
Ion Ratio Lower Upper
240 100
120 15.3 5.8 8.8#
236 25.4 20.5 30.7



#76
Benzidine
Concen: 44.084 ng
RT: 12.52 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion:184 Resp: 798110
Ion Ratio Lower Upper
184 100
185 14.7 15.5 23.3#
183 12.2 9.8 14.6



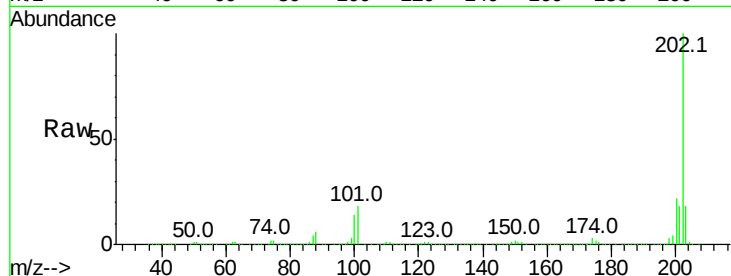


#77
Pvrene
Concen: 53.818 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

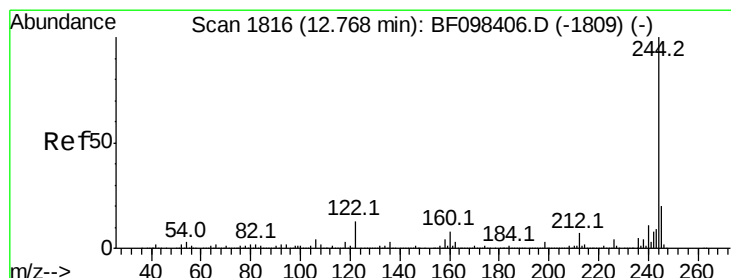
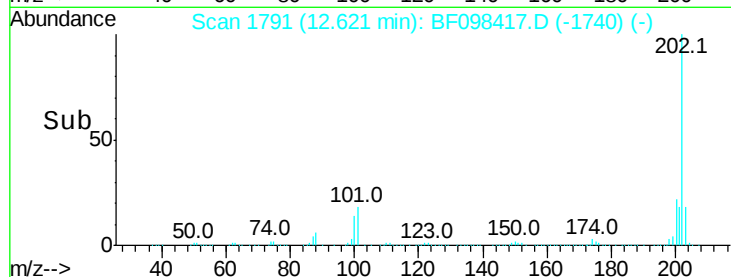
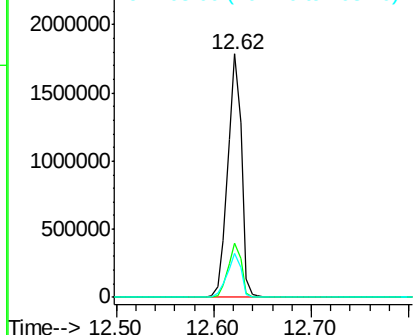
Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

Tot Ion:202 Resp: 1736744

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	18.2	14.4	21.6



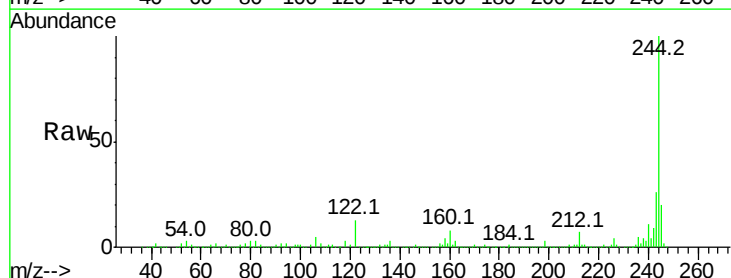
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



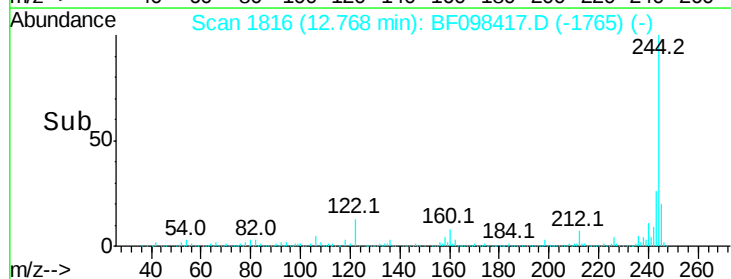
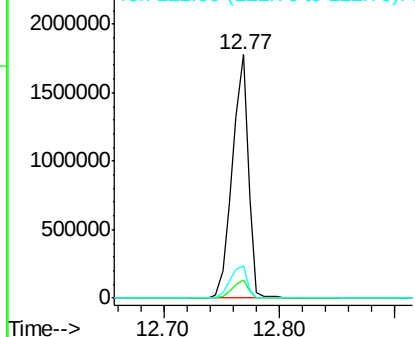
#78
Terphenyl-d14
Concen: 90.478 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

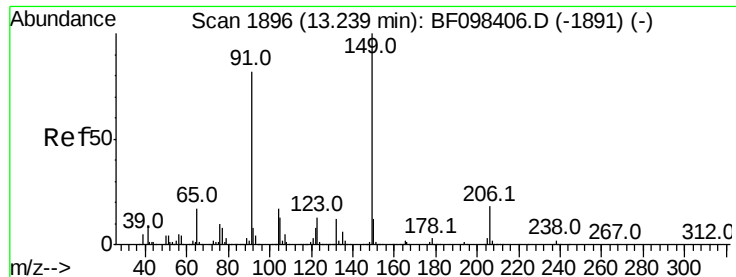
Tgt Ion:244 Resp: 1714773

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.4	10.3	15.5



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

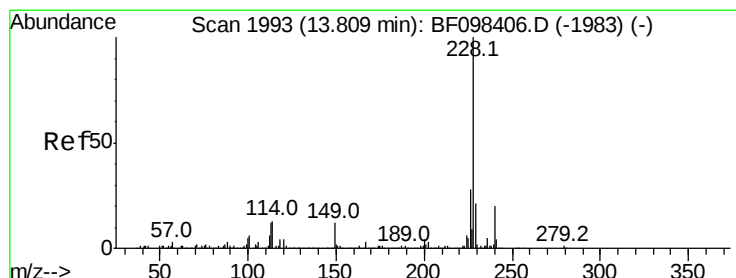
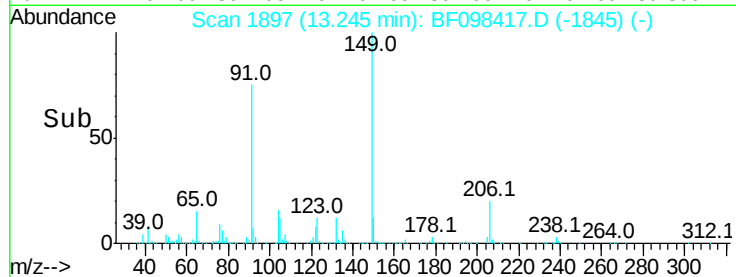
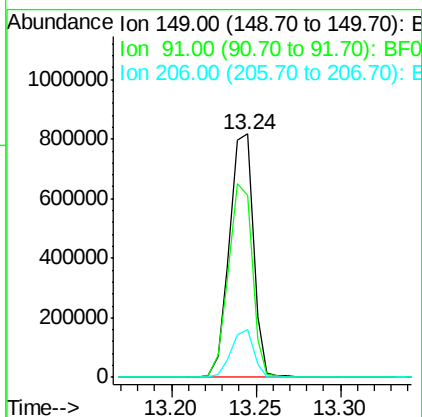
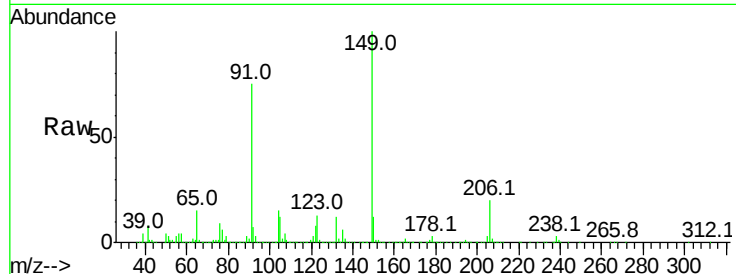




#79
Butylbenzylphthalate
Concen: 57.563 ng
RT: 13.24 min Scan# 1897
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

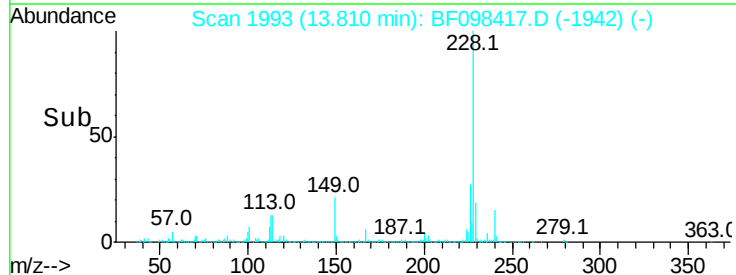
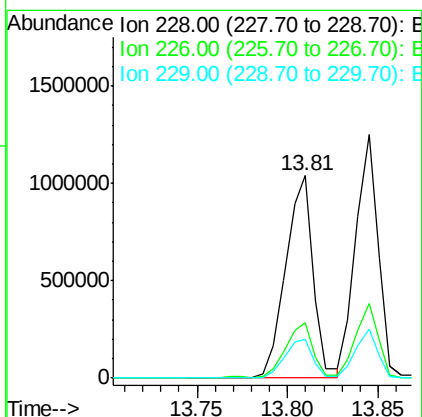
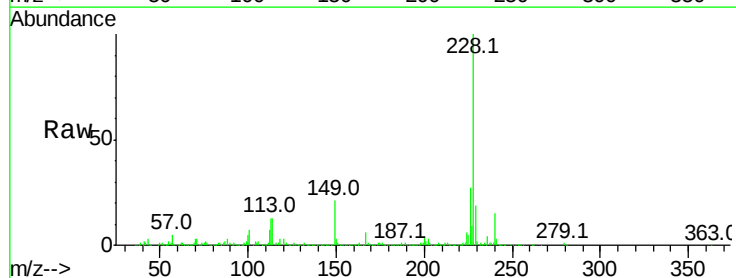
Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

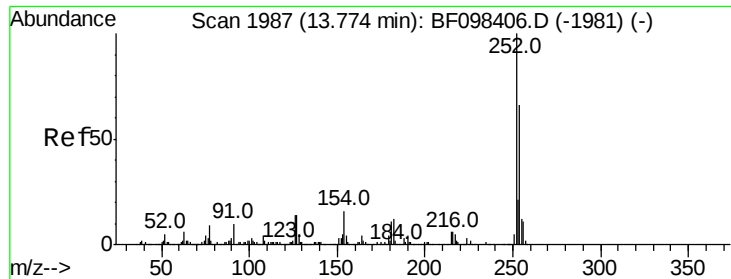
Tot Ion:149 Resp: 805872
Ion Ratio Lower Upper
149 100
91 75.1 45.0 67.4#
206 19.8 17.0 25.6



#80
Benzo(a)anthracene
Concen: 45.906 ng
RT: 13.81 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion:228 Resp: 1100977
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.3 16.3 24.5

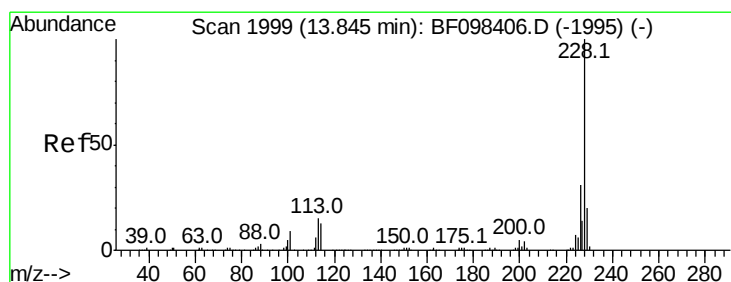
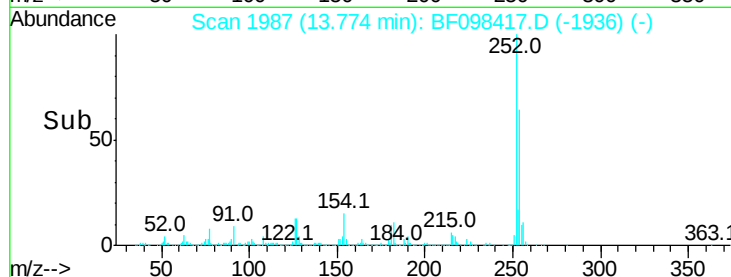
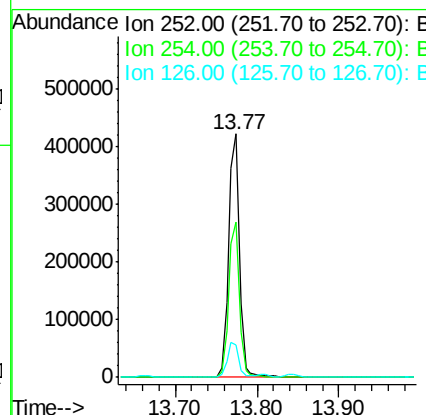
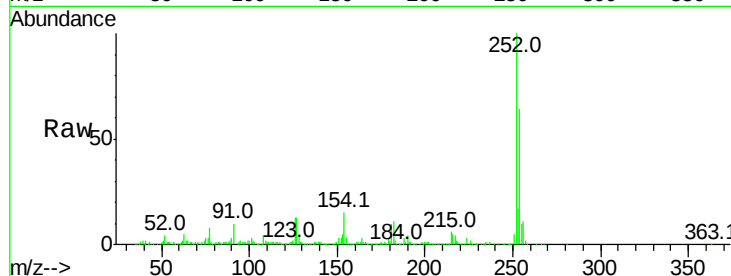




#81
 3,3'-Dichlorobenzidine
 Concen: 42.111 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

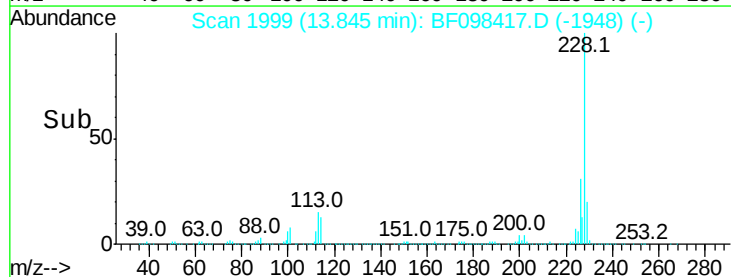
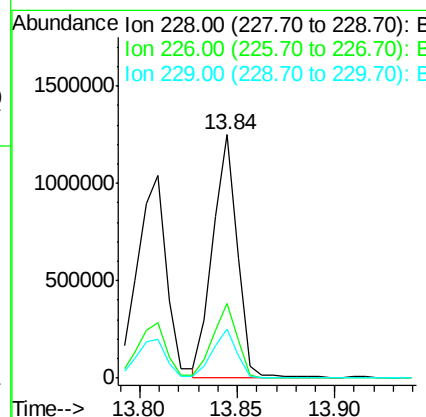
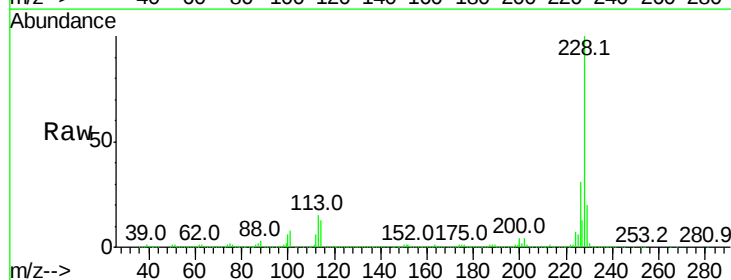
Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

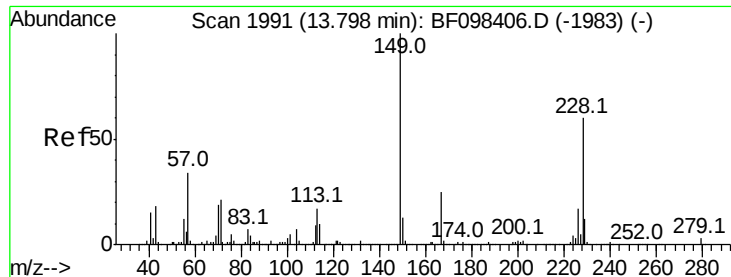
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.5	77.3
126	13.4	15.8	23.8#



#82
 Chrysene
 Concen: 44.846 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	19.9	15.8	23.6

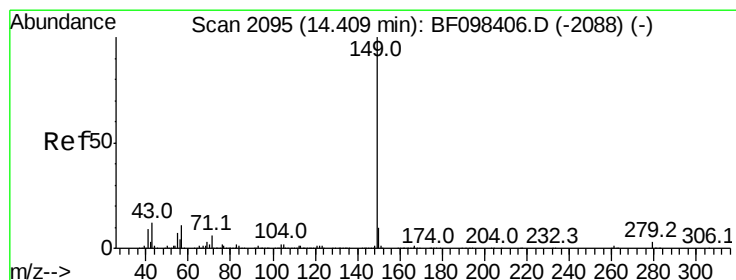
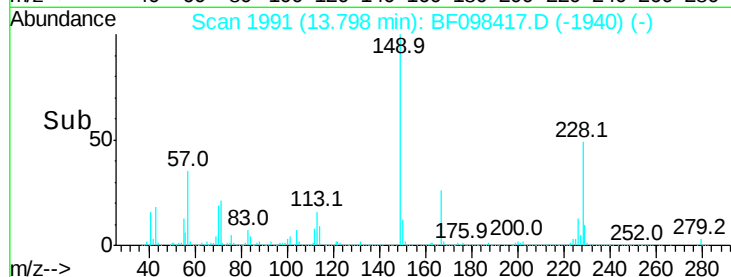
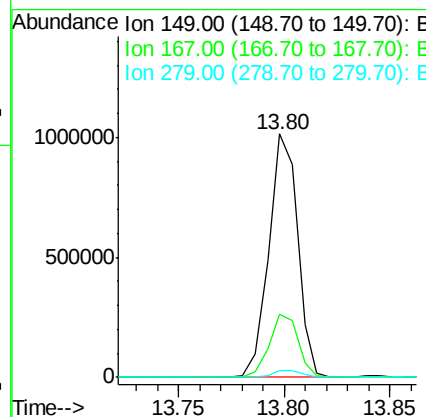
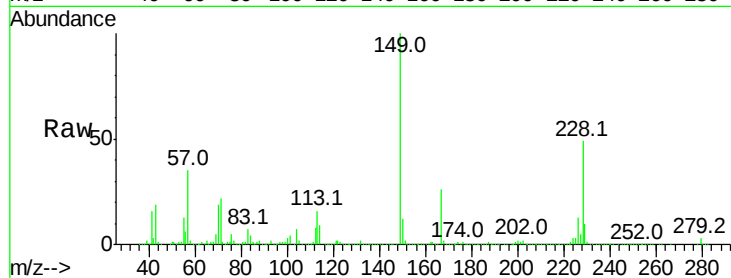




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.894 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

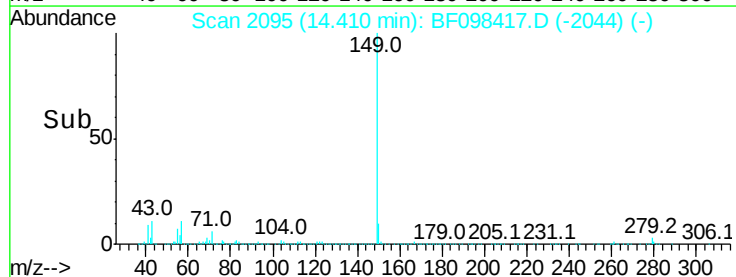
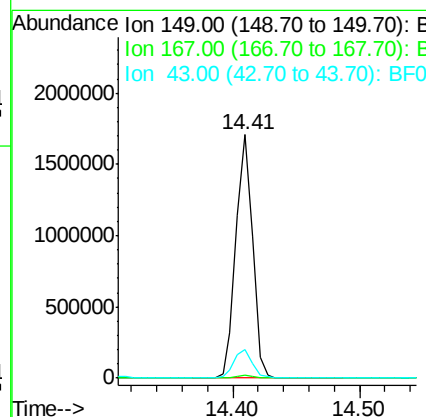
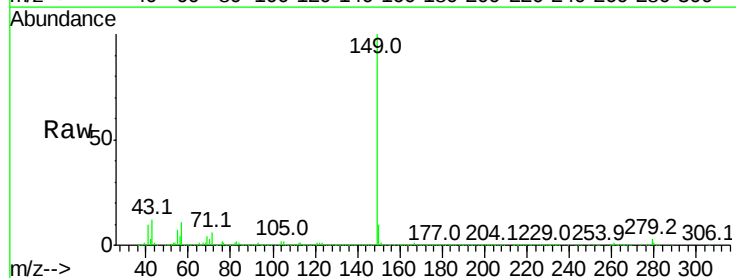
Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-01MSD

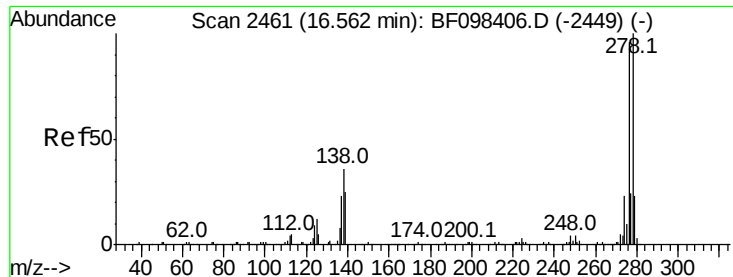
Tot Ion:149 Resp: 964505
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.0 31.4
 279 2.6 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 51.287 ng
 RT: 14.41 min Scan# 2095
 Delta R.T. 0.00 min
 Lab File: BF098417.D
 Acq: 11 Sep 2017 22:16

Tgt Ion:149 Resp: 1546078
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 12.0 8.5 12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 57.396 ng

RT: 16.57 min Scan# 2462

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

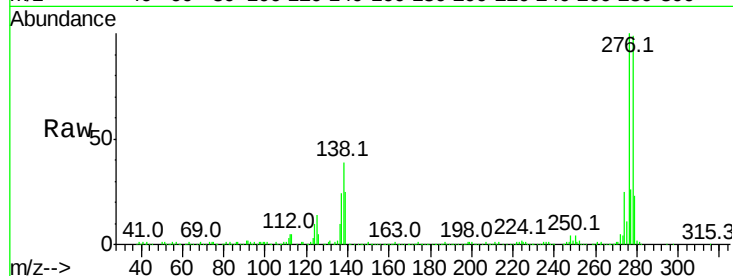
Tot Ion:276 Resp: 976243

Ion Ratio Lower Upper

276 100

138 36.4 27.8 41.6

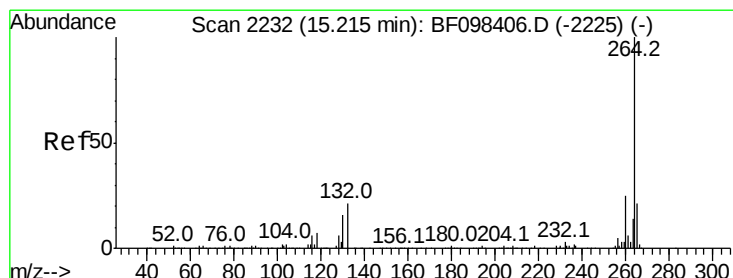
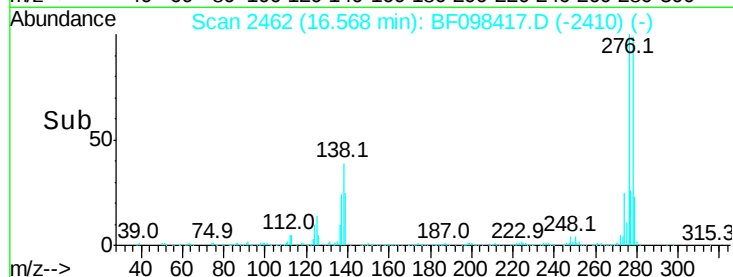
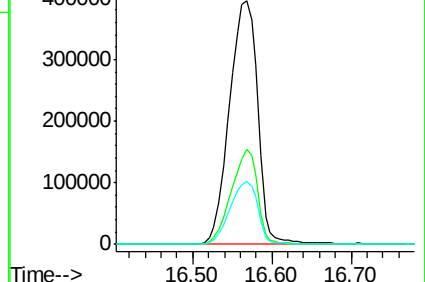
277 25.4 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

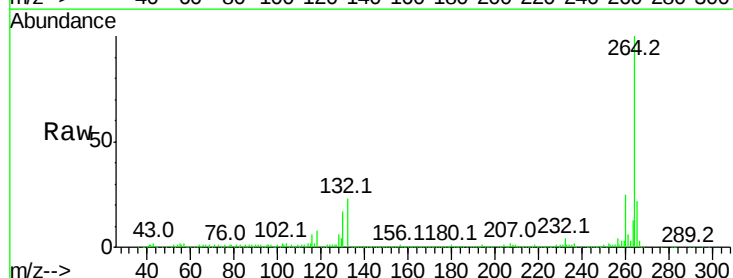
Tgt Ion:264 Resp: 352726

Ion Ratio Lower Upper

264 100

260 25.1 19.5 29.3

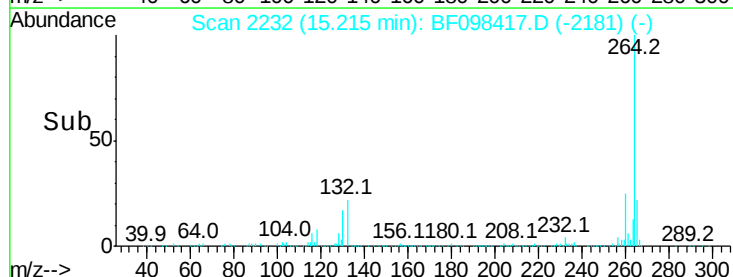
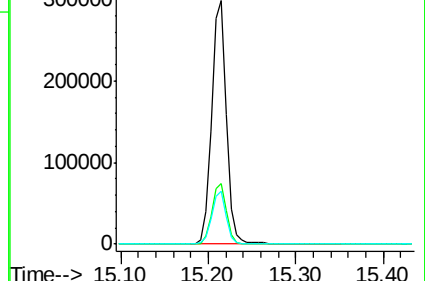
265 21.7 17.2 25.8

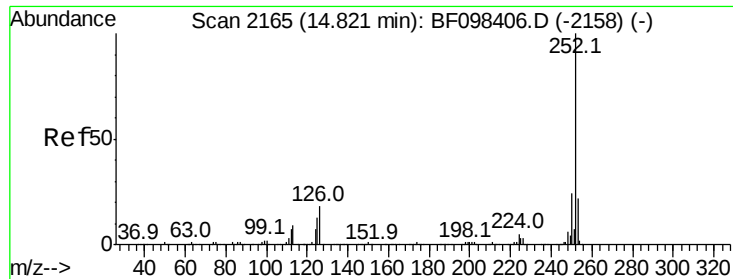


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.380 ng

RT: 14.82 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

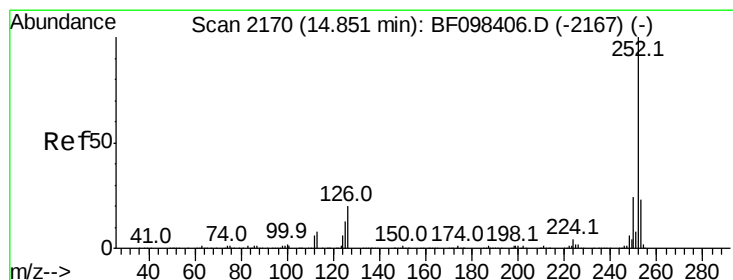
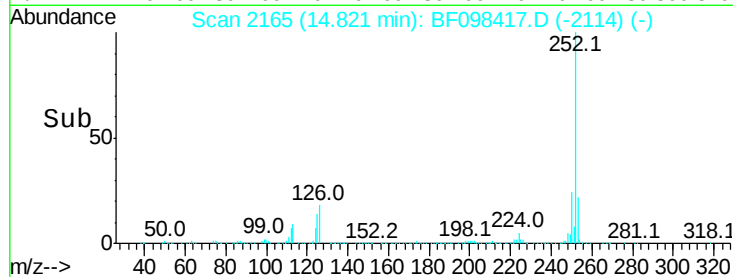
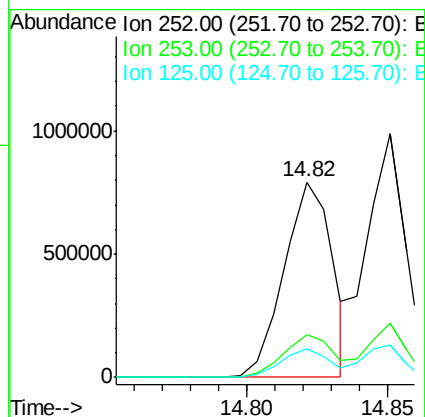
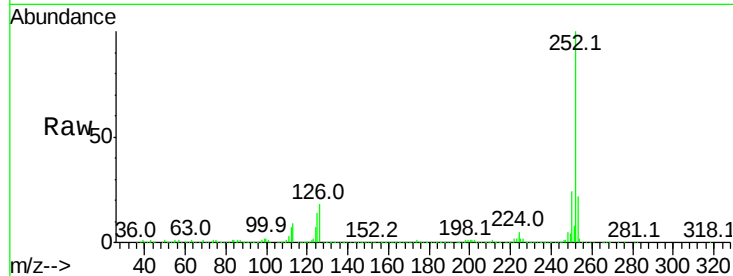
Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

Tot Ion:252	Resp:	939922
Ion Ratio	Lower	Upper
252	100	
253	22.1	18.1 27.1
125	14.4	9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 44.970 ng

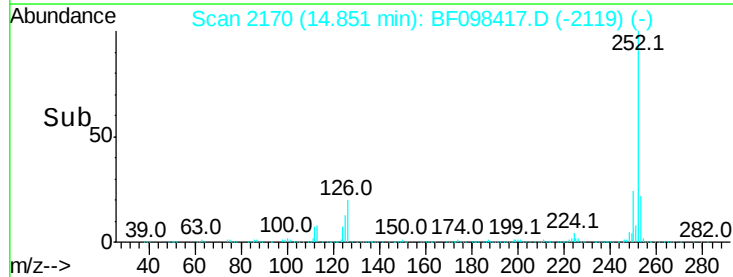
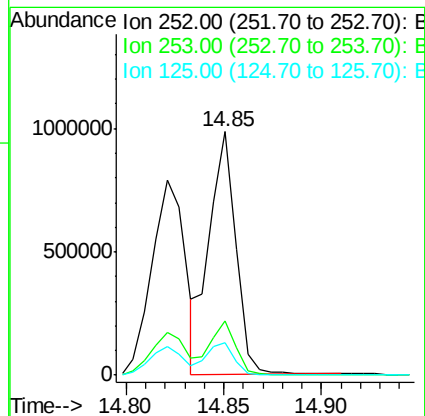
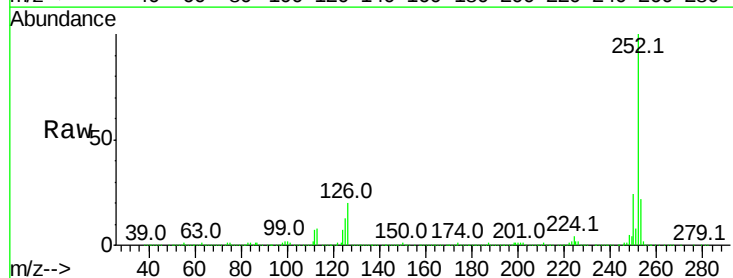
RT: 14.85 min Scan# 2170

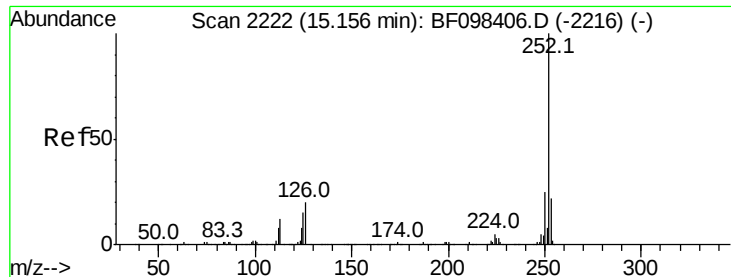
Delta R.T. 0.00 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Tgt Ion:252	Resp:	931103
Ion Ratio	Lower	Upper
252	100	
253	22.1	18.4 27.6
125	13.4	13.1 19.7

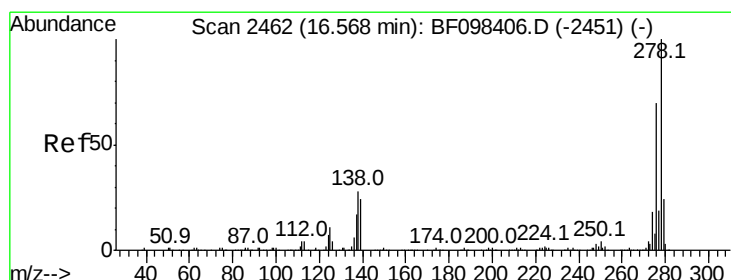
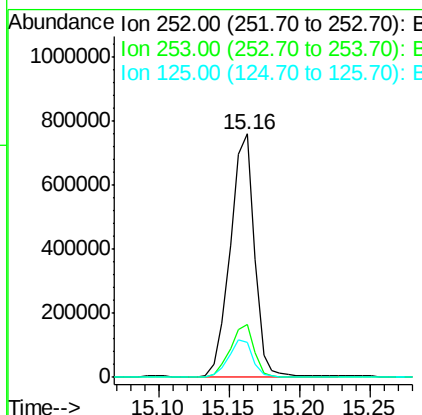
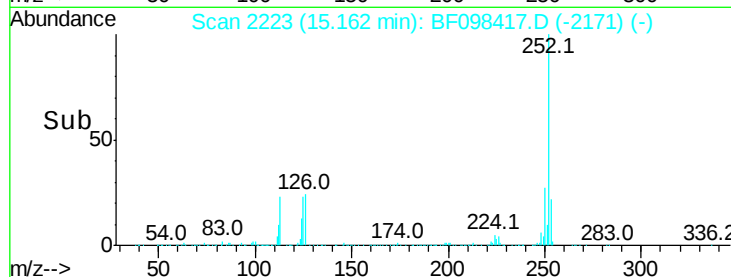
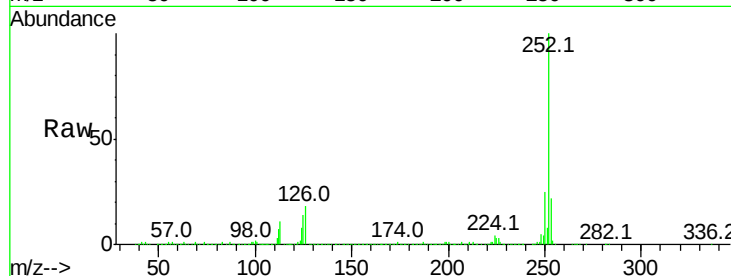




#89
Benzo(a)pyrene
Concen: 46.100 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

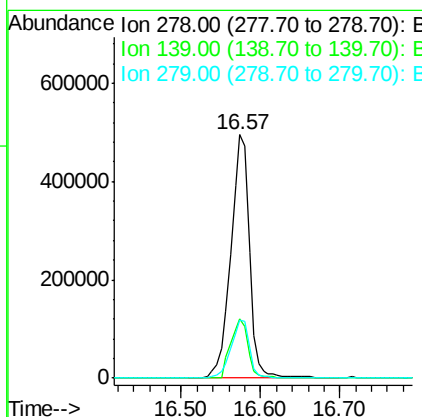
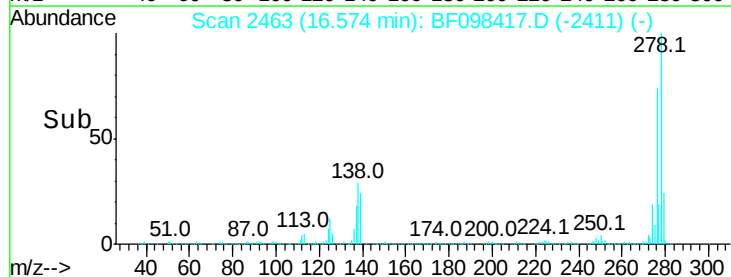
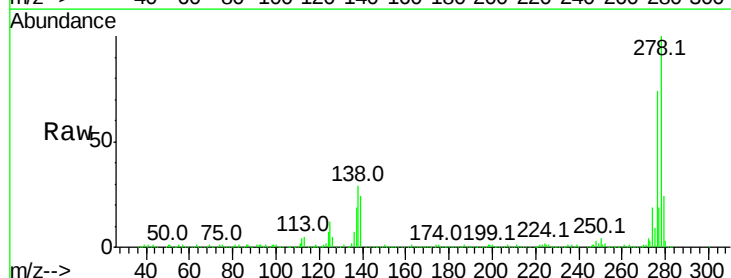
Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-01MSD

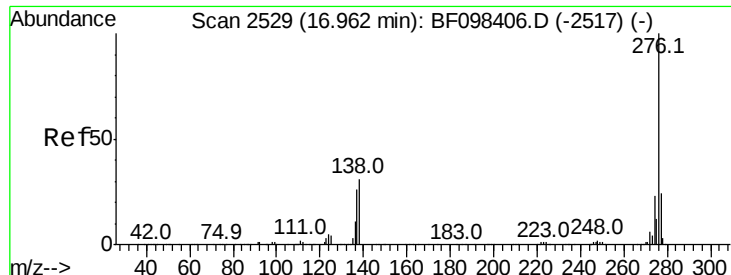
Tot Ion:252 Resp: 910872
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 14.4 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 56.371 ng
RT: 16.57 min Scan# 2463
Delta R.T. 0.01 min
Lab File: BF098417.D
Acq: 11 Sep 2017 22:16

Tgt Ion:278 Resp: 810230
Ion Ratio Lower Upper
278 100
139 24.4 16.6 24.8
279 23.6 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 57.505 ng

RT: 16.97 min Scan# 2530

Delta R.T. 0.01 min

Lab File: BF098417.D

Acq: 11 Sep 2017 22:16

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS001-01MSD

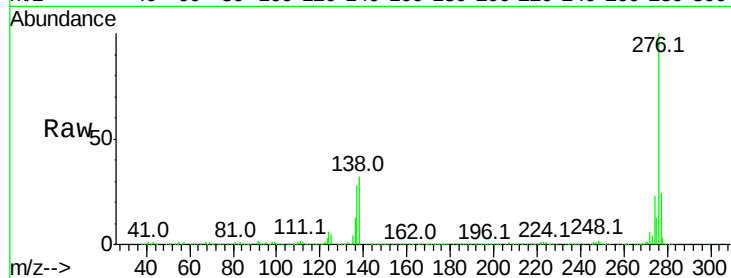
Tot Ion:276 Resp: 831331

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 31.6 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

