

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098426.D
 Acq On : 12 Sep 2017 2:25
 Operator : SJ/JU
 Sample : I5138-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS009-01

Quant Time: Sep 12 03:46:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	239288	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	994122	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	416698	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	661261	20.00	ng	0.00
75) Chrysene-d12	13.81	240	374165	20.00	ng	0.00
86) Perylene-d12	15.22	264	382898	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	2080629	128.56	ng	0.01
7) Phenol-d6	6.33	99	2548647	124.03	ng	0.00
23) Nitrobenzene-d5	7.24	82	1619318	90.81	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	379351	136.40	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1913934	77.85	ng	0.00
78) Terphenyl-d14	12.76	244	1017080	58.67	ng	0.00

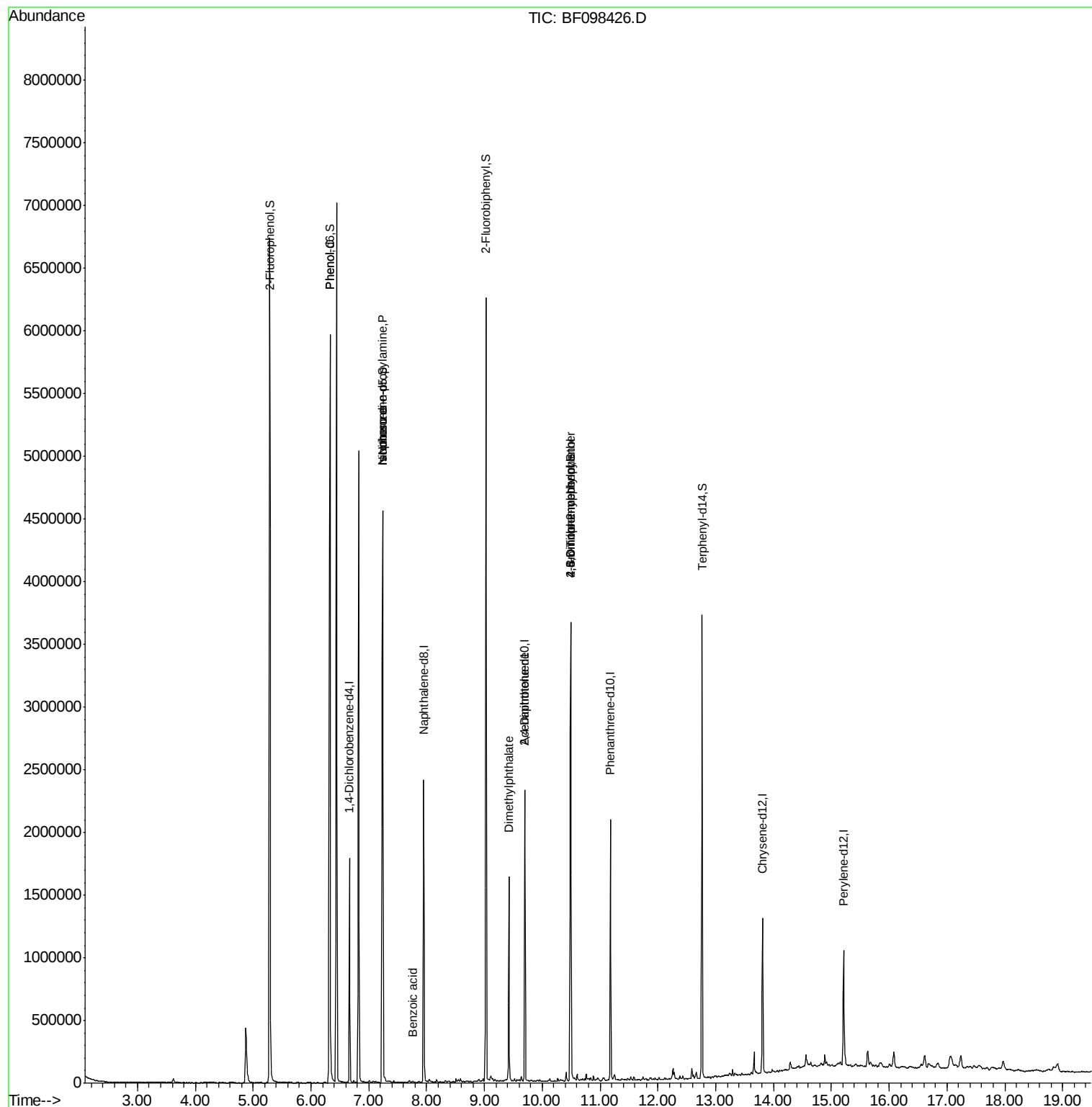
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.33	94	145891	6.113	ng	94
19) n-Nitroso-di-n-propylamine	7.24	70	217016	16.790	ng	# 82
25) Isophorone	7.24	82	1590925	44.096	ng	# 67
32) Benzoic acid	7.75	122	883	8.040	ng	# 28
49) Dimethylphthalate	9.42	163	592950	18.383	ng	99
56) 2,4-Dinitrotoluene	9.70	165	53081	6.590	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.49	198	1314	5.255	ng	# 1
66) 4-Bromophenyl-phenylether	10.49	248	28194	4.492	ng	# 1

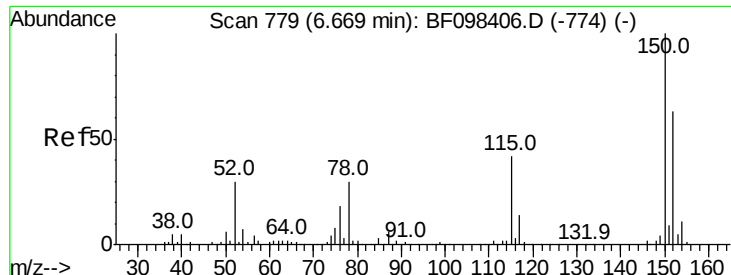
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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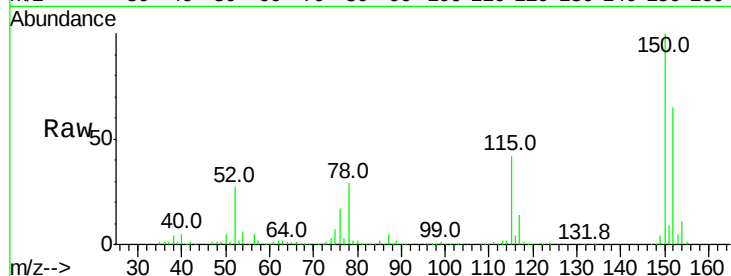


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF098426.D
 Acq: 12 Sep 2017 2:25

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS009-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.2	189.2
115	64.1	52.2	78.2

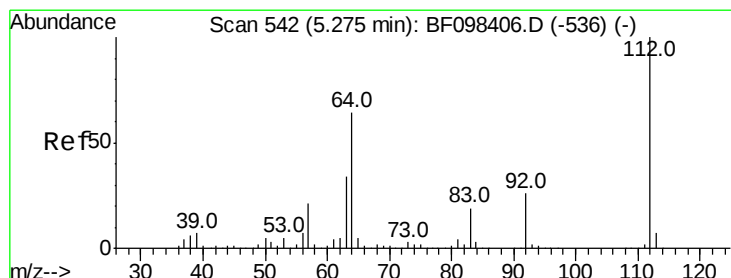
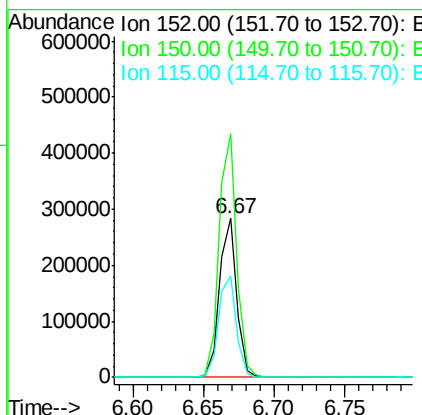
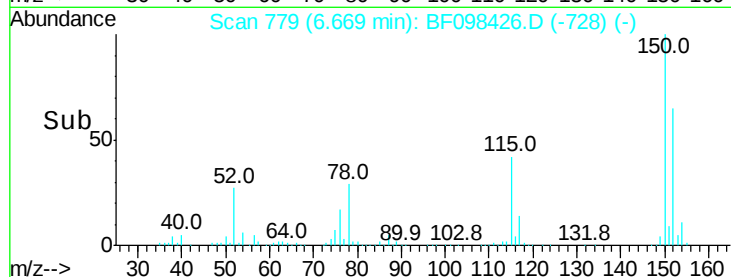


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

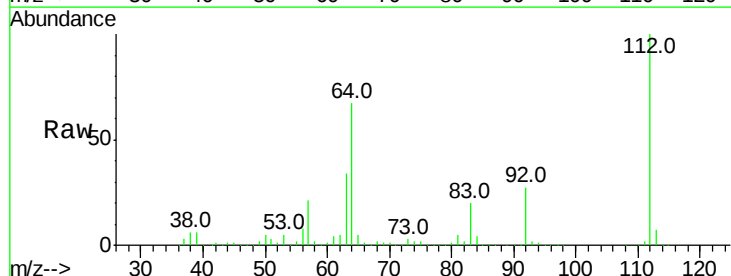
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 128.559 ng
 RT: 5.29 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: BF098426.D
 Acq: 12 Sep 2017 2:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	46.0	69.0
63	34.1	23.4	35.0

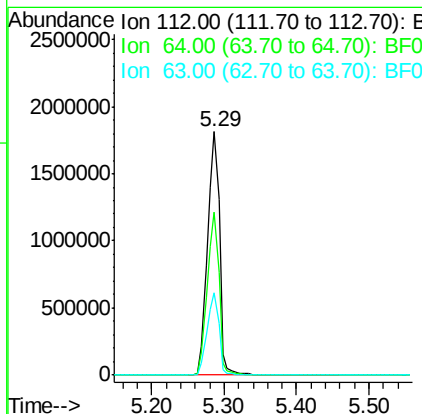
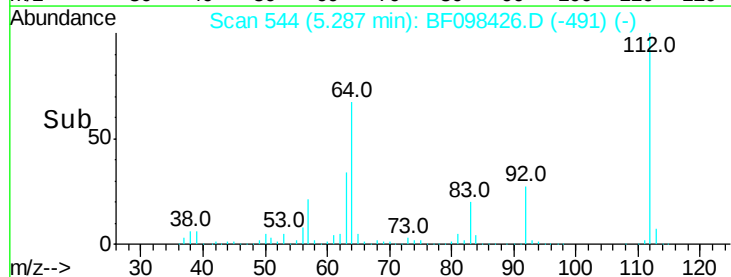


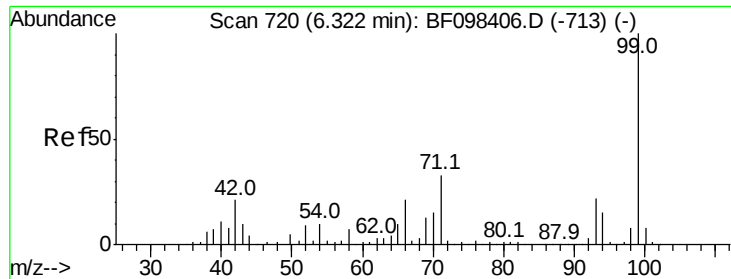
Abundance

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





#7

Phenol-d6

Concen: 124.030 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF098426.D

Acq: 12 Sep 2017 2:25

Instrument :

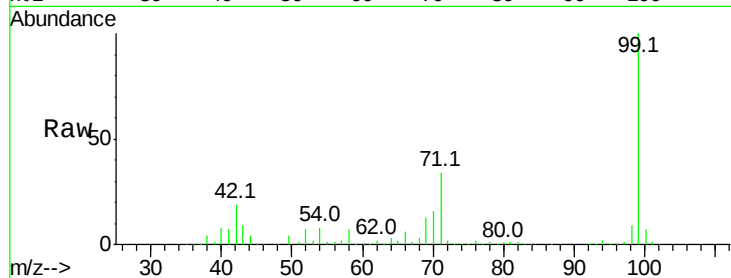
BNA_F

ClientSampleId :

EME-UTS-TS009-01

Tot Ion: 99 Resp: 2548647

Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.5	20.3
71	33.8	24.5	36.7

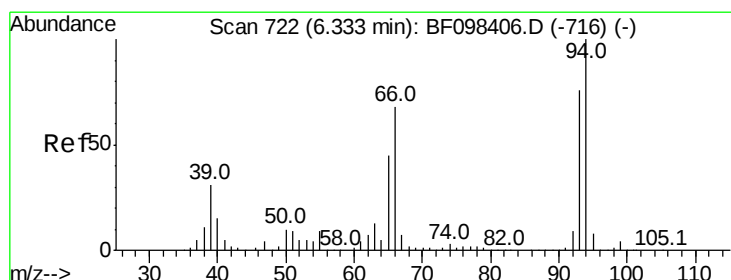
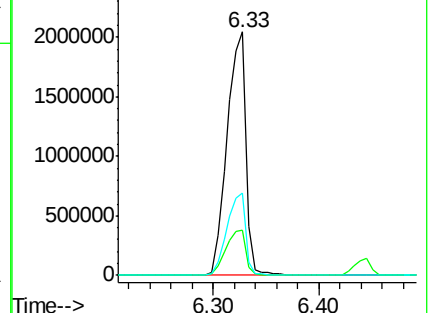
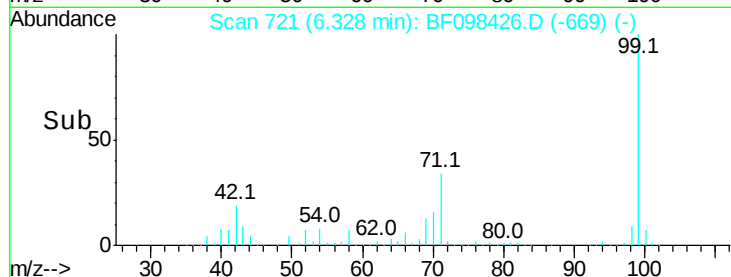


Abundance

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



#10

Phenol

Concen: 6.113 ng

RT: 6.33 min Scan# 722

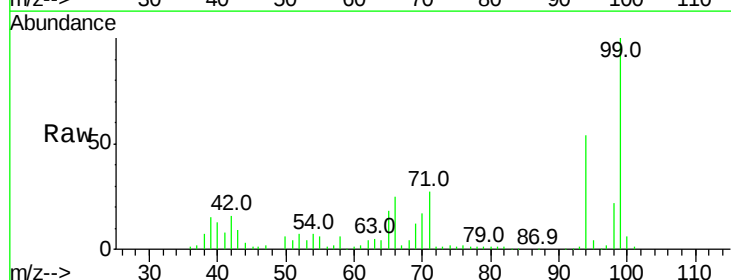
Delta R.T. 0.00 min

Lab File: BF098426.D

Acq: 12 Sep 2017 2:25

Tgt Ion: 94 Resp: 145891

Ion	Ratio	Lower	Upper
94	100		
65	32.9	9.9	49.9
66	47.4	23.1	63.1

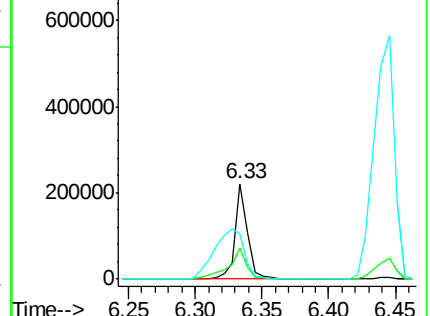
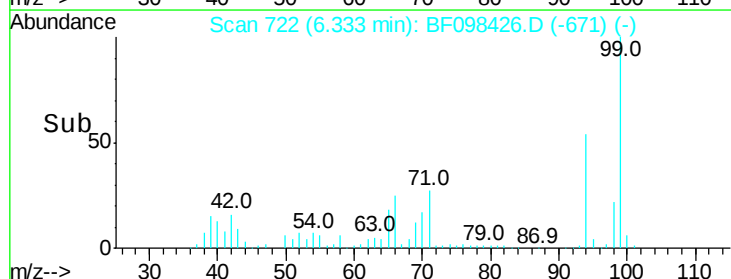


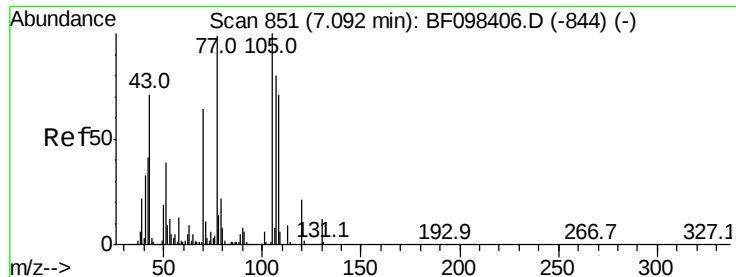
Abundance

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





#19

n-Nitroso-di-n-propylamine

Concen: 16.790 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.15 min

Lab File: BF098426.D

Acq: 12 Sep 2017 2:25

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS009-01

Tot Ion: 70 Resp: 217016

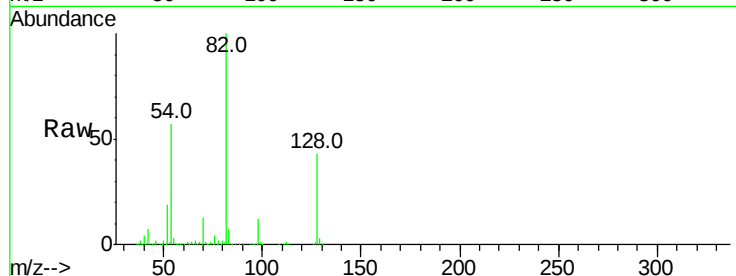
Ion Ratio Lower Upper

70 100

42 51.9 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

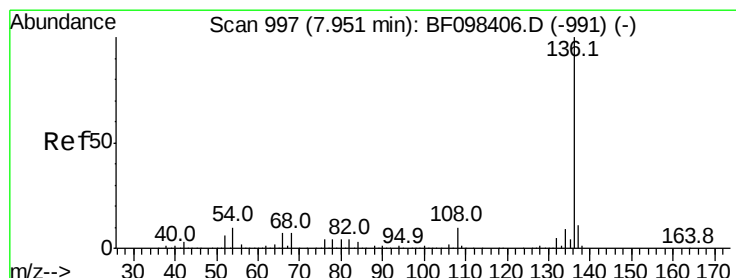
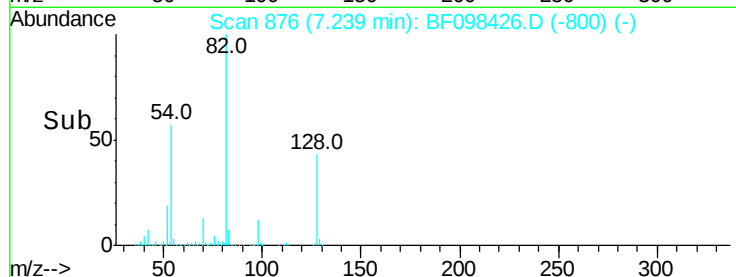
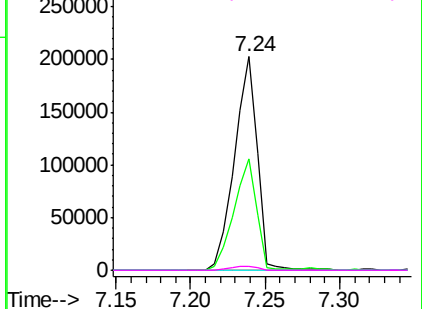


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF098426.D

Acq: 12 Sep 2017 2:25

Tgt Ion: 136 Resp: 994122

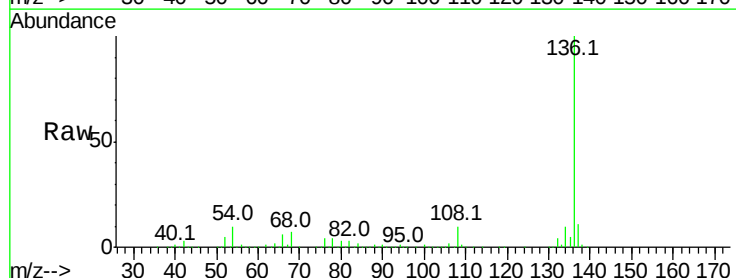
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.2 4.9 7.3#

68 7.4 4.1 6.1#

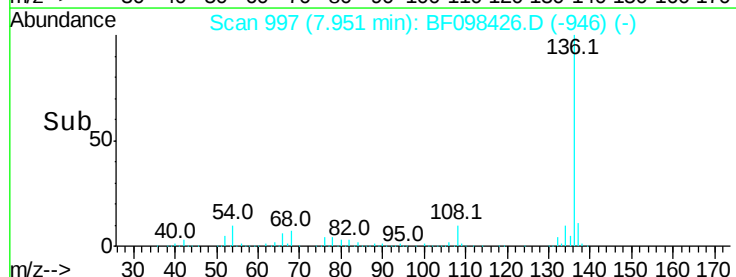
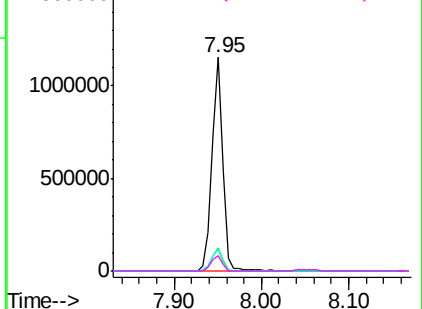


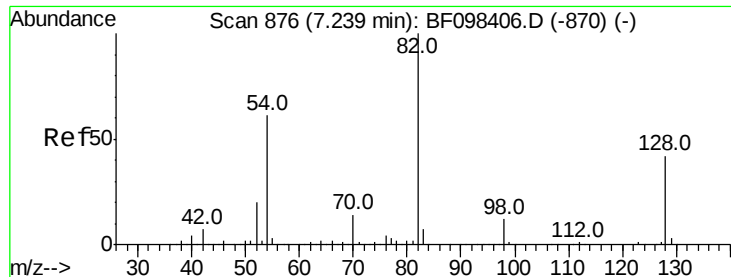
Abundance Ion 136.00 (135.70 to 136.70): E

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



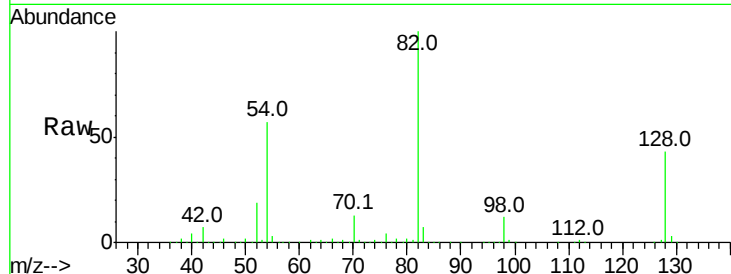


#23
 Nitrobenzene-d5
 Concen: 90.810 ng
 RT: 7.24 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF098426.D
 Acq: 12 Sep 2017 2:25

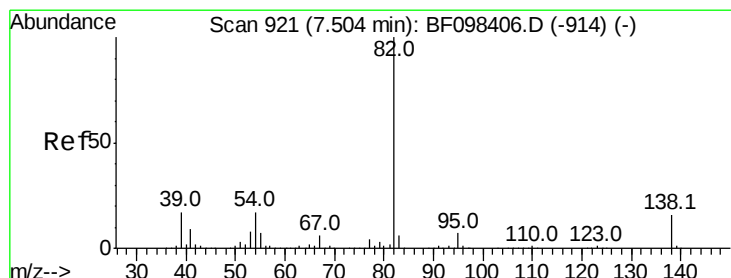
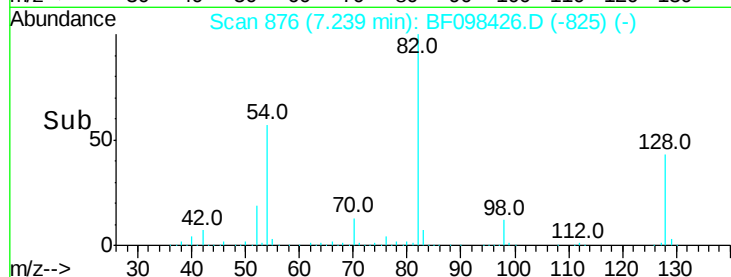
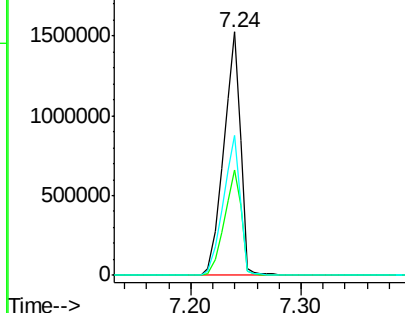
Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS009-01

Tot Ion: 82 Resp: 1619318

Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.0	51.0
54	57.3	42.2	63.2



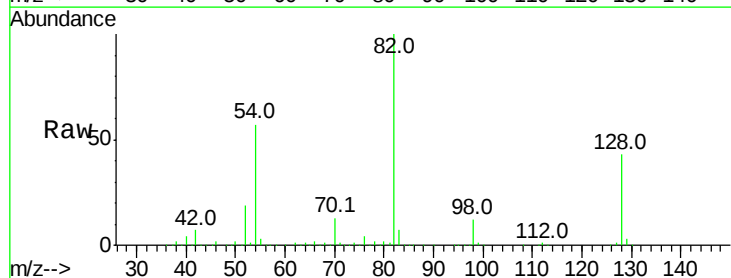
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



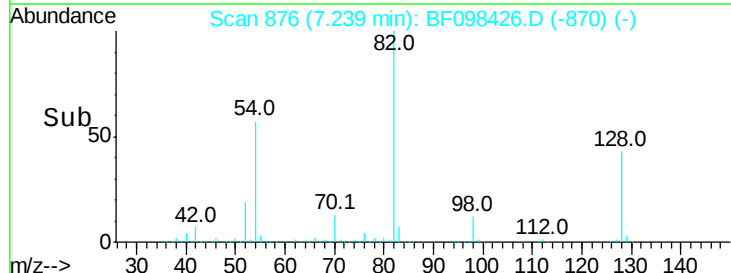
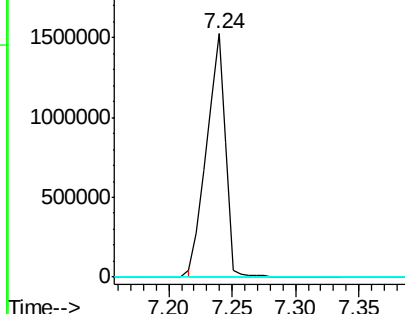
#25
 Isophorone
 Concen: 44.096 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.26 min
 Lab File: BF098426.D
 Acq: 12 Sep 2017 2:25

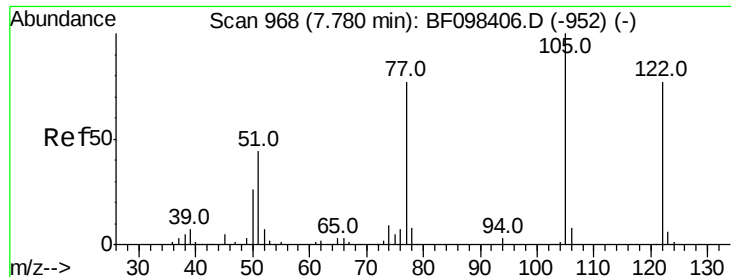
Tgt Ion: 82 Resp: 1590925

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	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





#32

Benzoic acid

Concen: 8.040 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.03 min

Lab File: BF098426.D

Acq: 12 Sep 2017 2:25

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS009-01

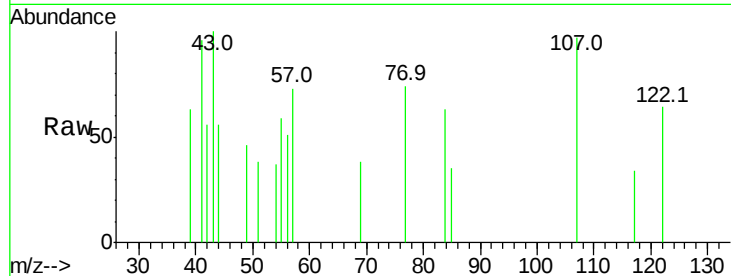
Tot Ion:122 Resp: 883

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

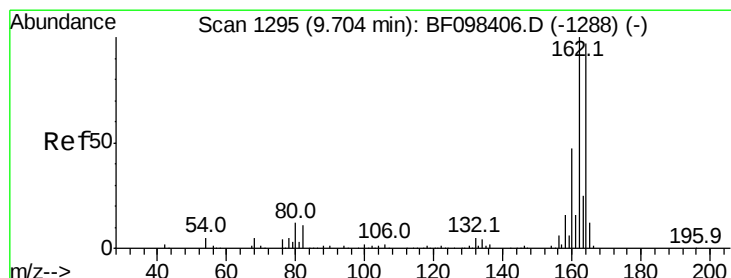
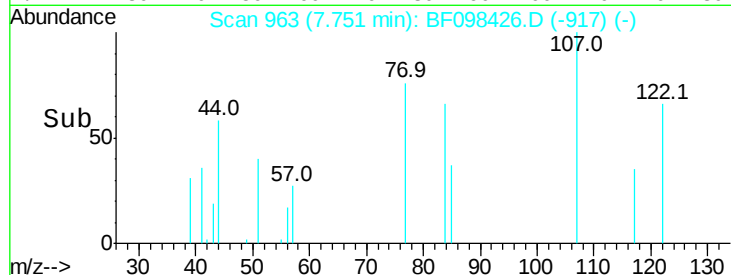
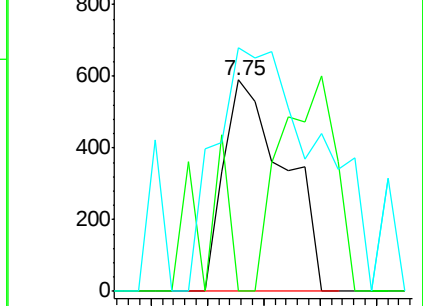
77 115.1 73.7 113.7#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF098426.D

Acq: 12 Sep 2017 2:25

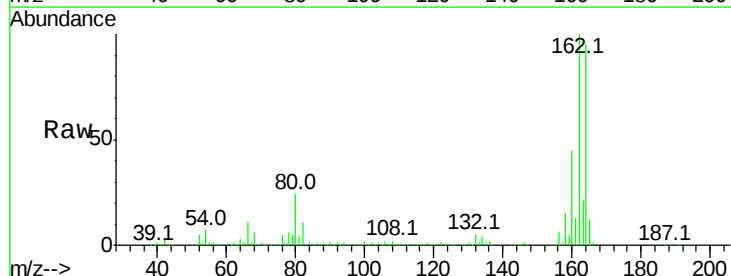
Tgt Ion:164 Resp: 416698

Ion Ratio Lower Upper

164 100

162 105.6 82.6 123.8

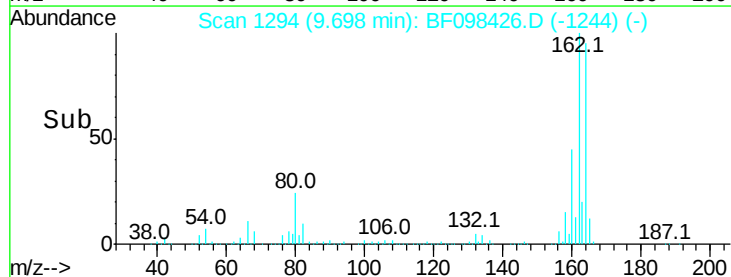
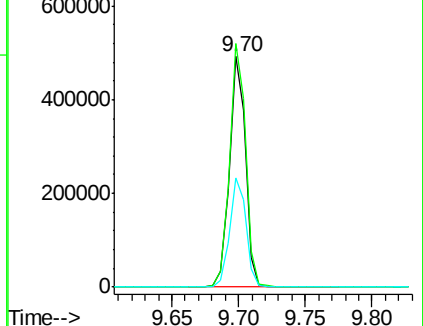
160 47.6 36.2 54.2

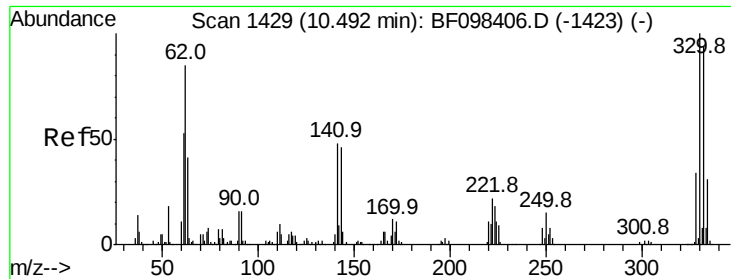


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

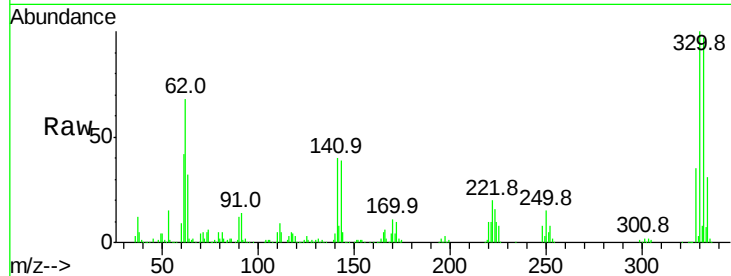




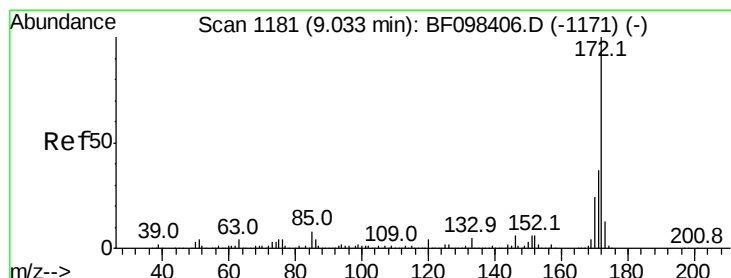
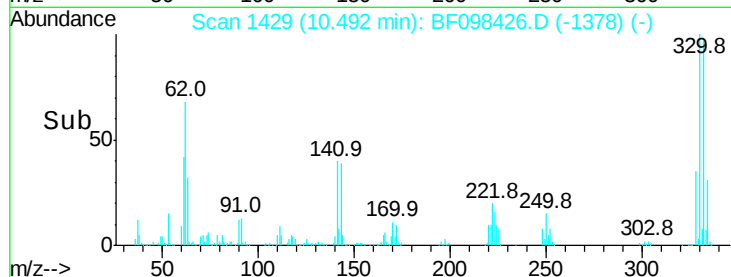
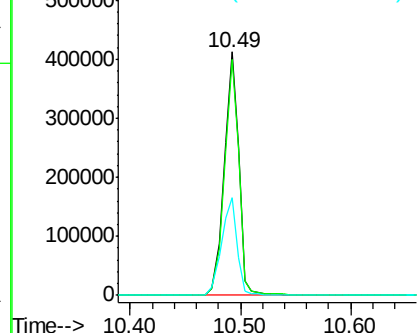
#41
 2,4,6-Tribromophenol
 Concen: 136.402 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF098426.D
 Acq: 12 Sep 2017 2:25

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS009-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	42.6	31.4	47.2

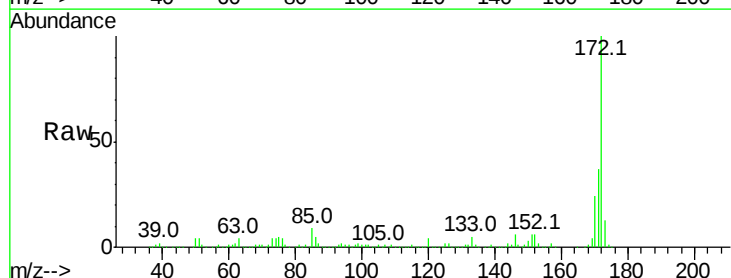


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

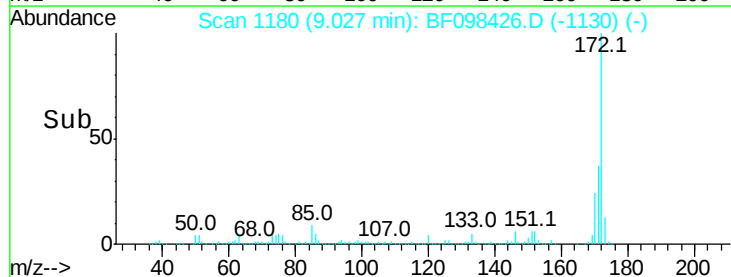
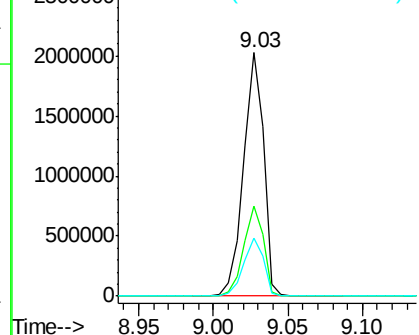


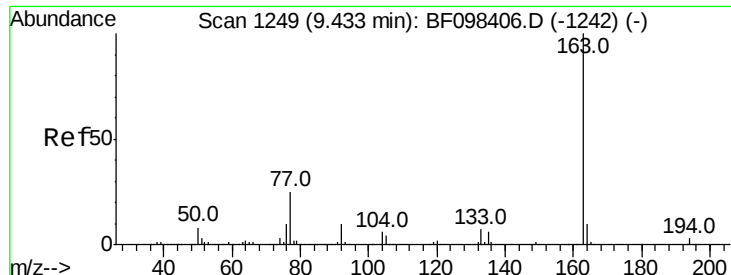
#44
 2-Fluorobiphenyl
 Concen: 77.849 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF098426.D
 Acq: 12 Sep 2017 2:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.0	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

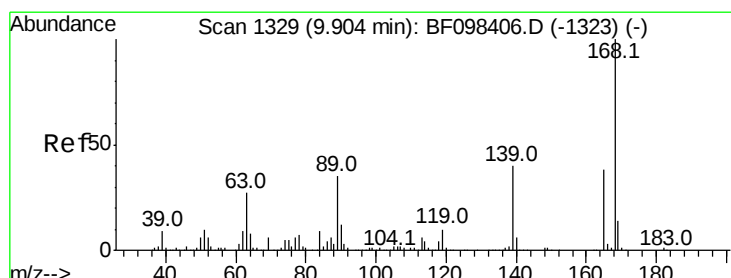
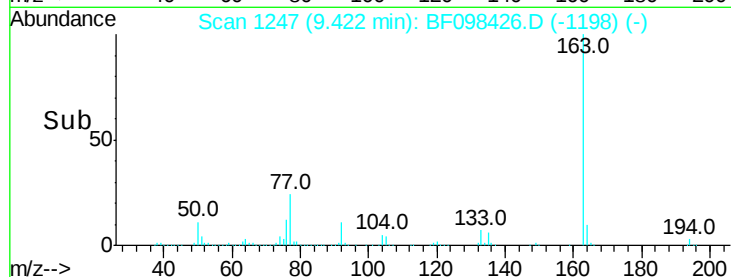
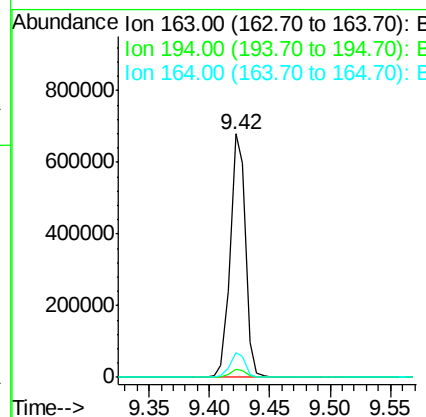
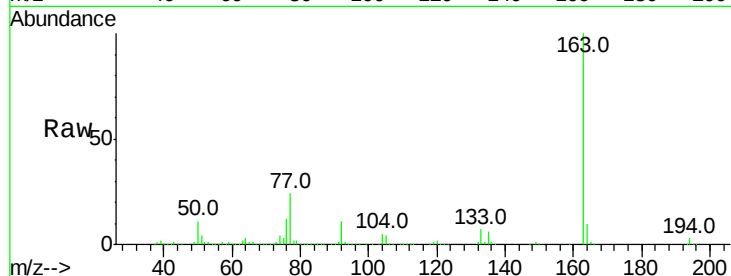




#49
Dimethylphthalate
Concen: 18.383 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF098426.D
Acq: 12 Sep 2017 2:25

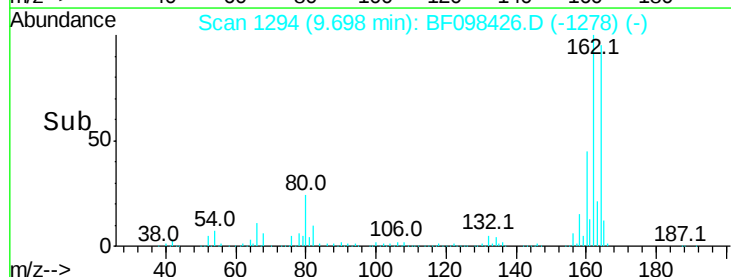
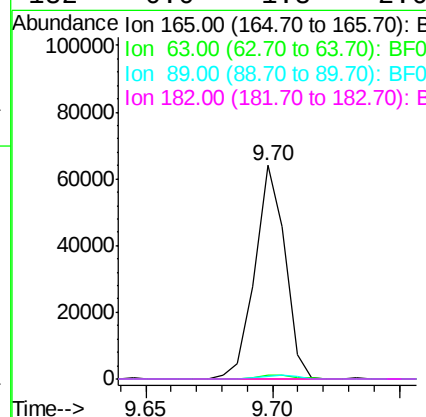
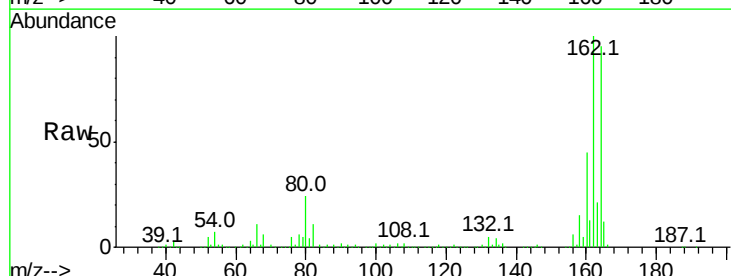
Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS009-01

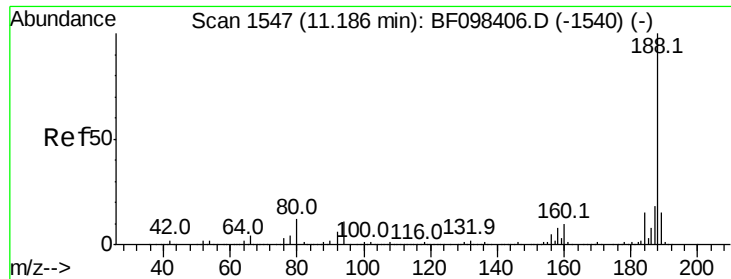
Tot Ion:163 Resp: 592950
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.2 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.590 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.21 min
Lab File: BF098426.D
Acq: 12 Sep 2017 2:25

Tgt Ion:165 Resp: 53081
Ion Ratio Lower Upper
165 100
63 1.8 25.4 38.0#
89 1.4 46.4 69.6#
182 0.0 1.8 2.6#

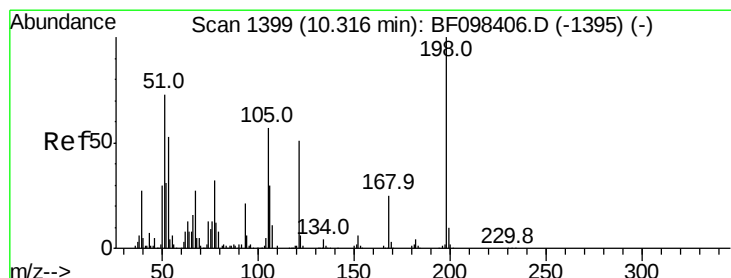
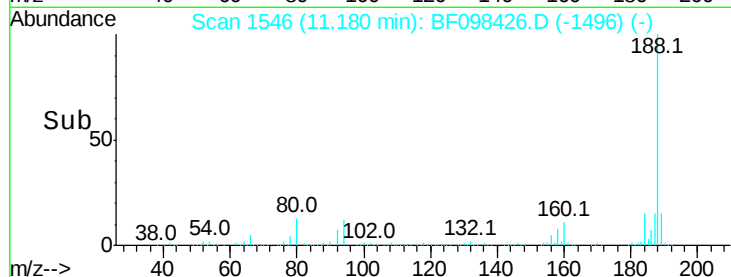
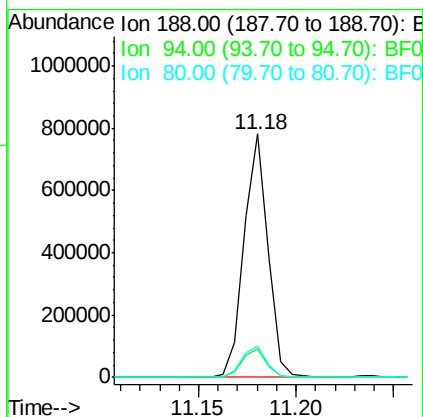
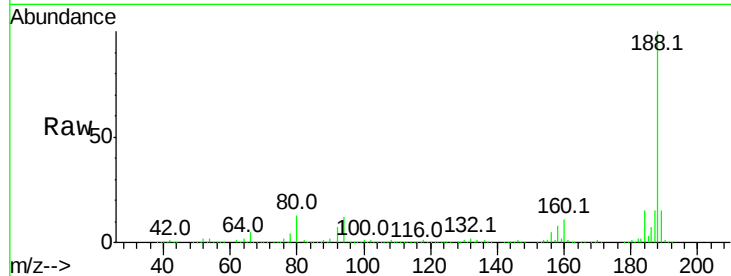




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF098426.D
Acq: 12 Sep 2017 2:25

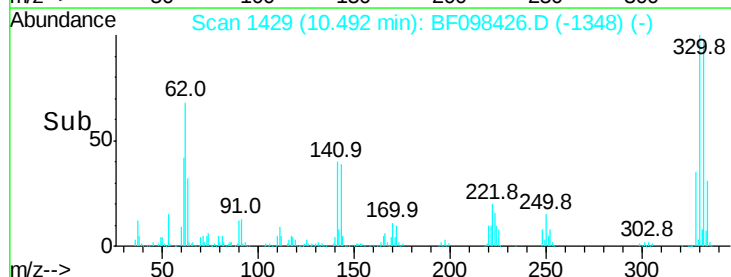
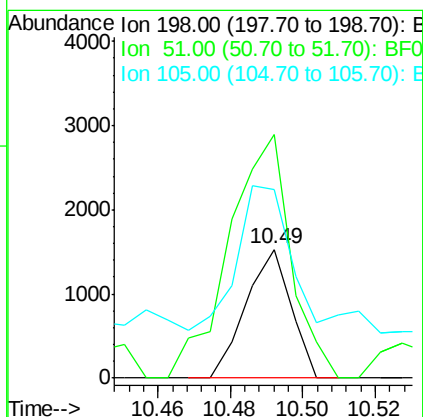
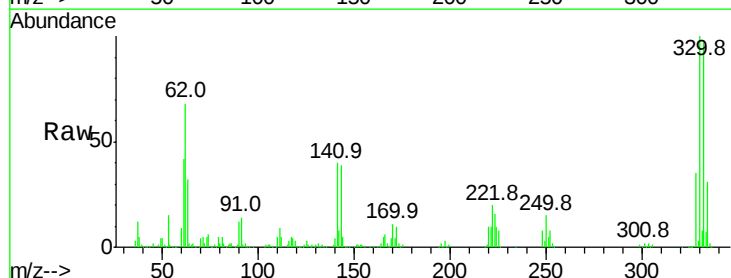
Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS009-01

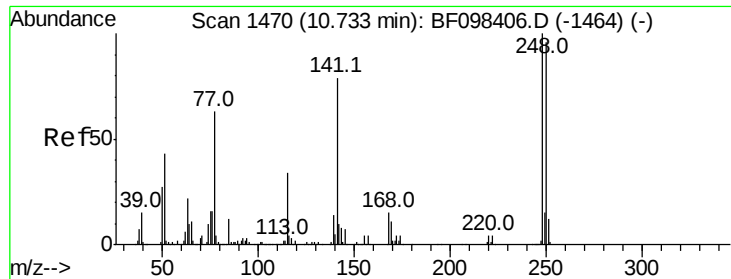
Tot Ion:188 Resp: 661261
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 12.9 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 5.255 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.18 min
Lab File: BF098426.D
Acq: 12 Sep 2017 2:25

Tgt Ion:198 Resp: 1314
Ion Ratio Lower Upper
198 100
51 189.5 53.2 93.2#
105 147.1 45.8 85.8#

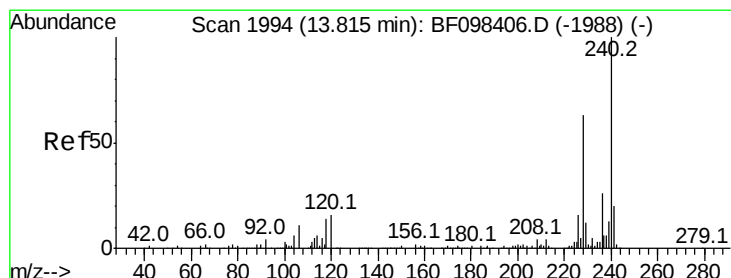
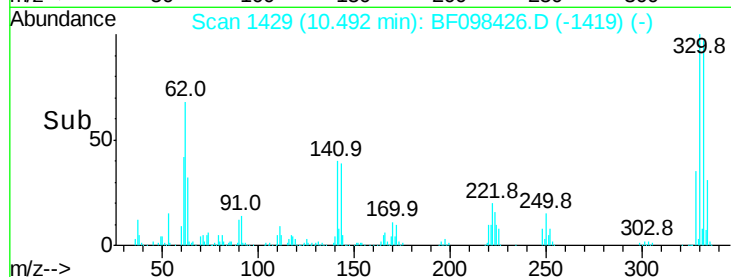
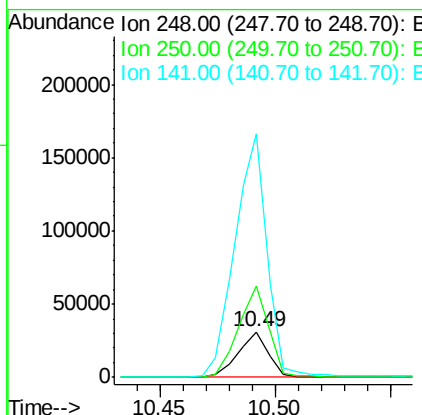
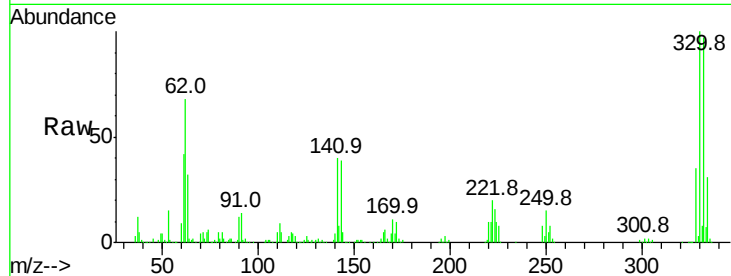




#66
4-Bromophenyl-phenylether
Concen: 4.492 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.24 min
Lab File: BF098426.D
Acq: 12 Sep 2017 2:25

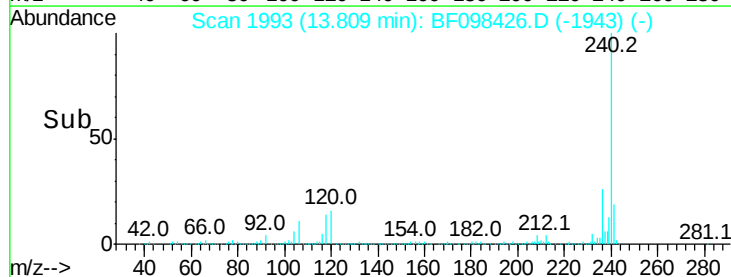
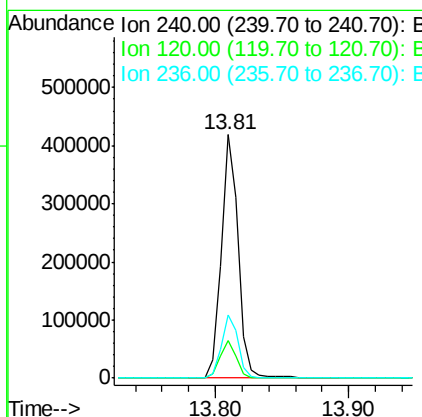
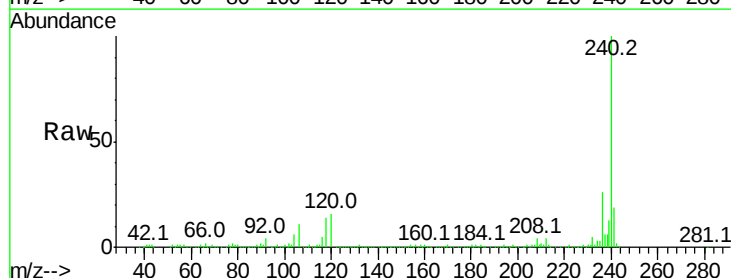
Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS009-01

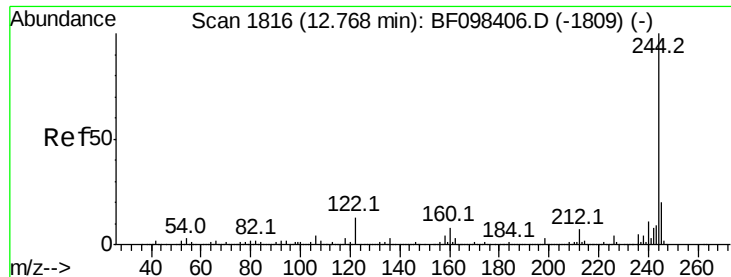
Tot Ion:248 Resp: 28194
Ion Ratio Lower Upper
248 100
250 200.9 76.8 115.2#
141 536.5 68.6 103.0#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF098426.D
Acq: 12 Sep 2017 2:25

Tgt Ion:240 Resp: 374165
Ion Ratio Lower Upper
240 100
120 15.5 5.8 8.8#
236 26.0 20.5 30.7





#78

Terphenyl-d14

Concen: 58.673 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF098426.D

Acq: 12 Sep 2017 2:25

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS009-01

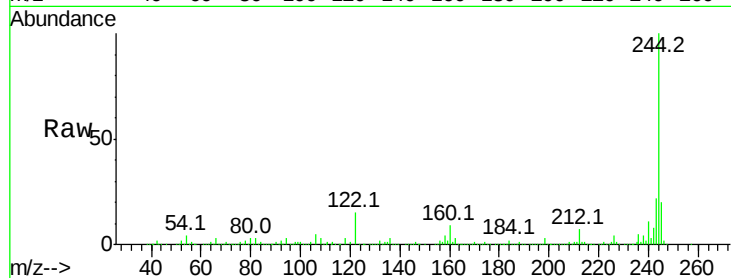
Tot Ion:244 Resp: 1017080

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

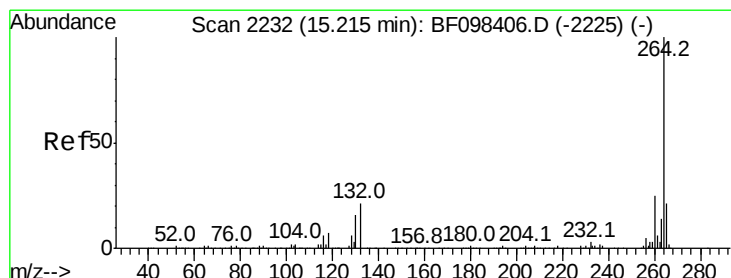
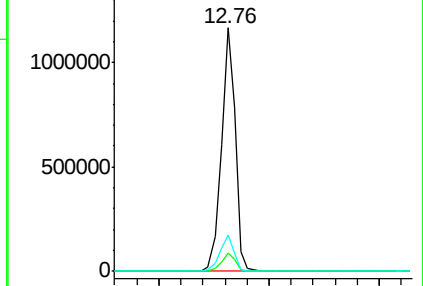
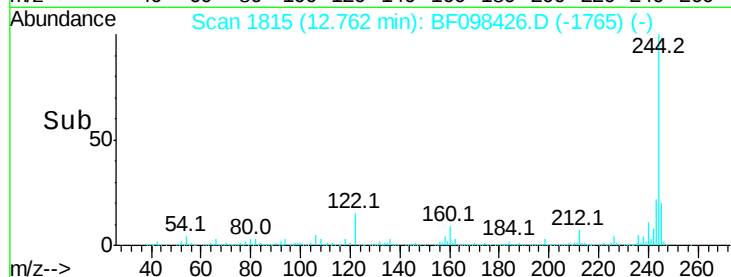
122 14.7 10.3 15.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BF098426.D

Acq: 12 Sep 2017 2:25

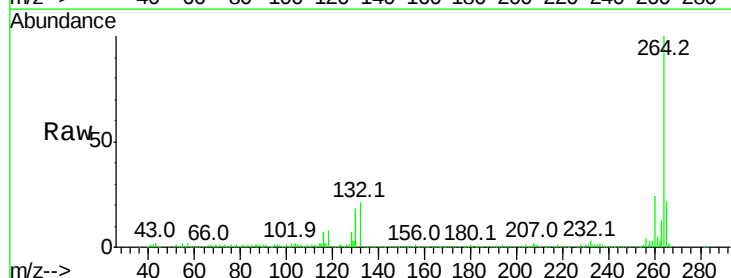
Tgt Ion:264 Resp: 382898

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.5 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

