

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098425.D
 Acq On : 12 Sep 2017 1:57
 Operator : SJ/JU
 Sample : I5138-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS008-01

Quant Time: Sep 12 03:46:15 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	240078	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	984358	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	416505	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	654888	20.00	ng	0.00
75) Chrysene-d12	13.81	240	374558	20.00	ng	0.00
86) Perylene-d12	15.22	264	388520	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	2058488	126.77	ng	0.01
7) Phenol-d6	6.33	99	2514359	121.96	ng	0.00
23) Nitrobenzene-d5	7.24	82	1607459	91.04	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	384110	138.18	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1999877	81.38	ng	0.00
78) Terphenyl-d14	12.76	244	1117235	64.38	ng	0.00

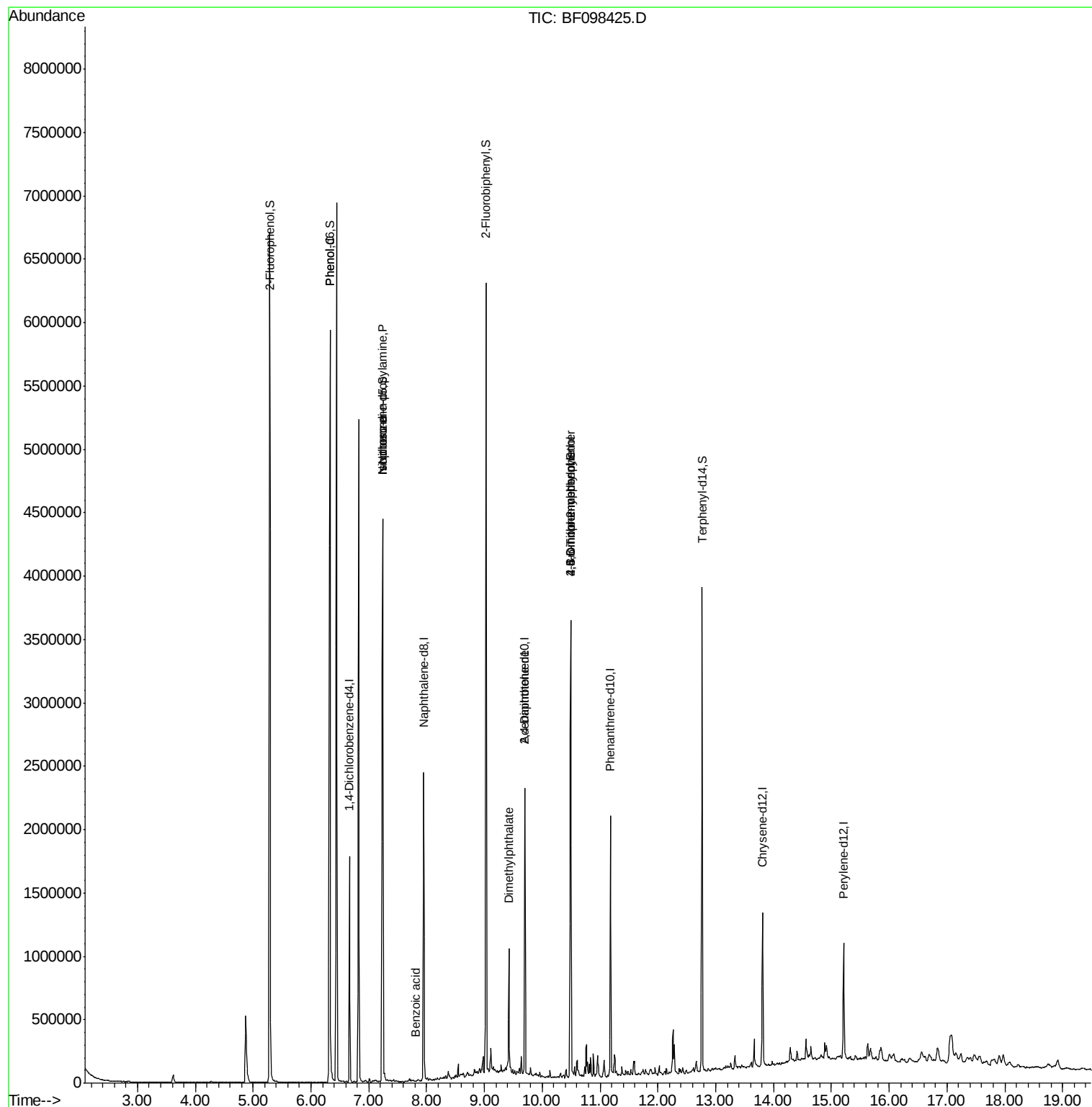
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.33	94	125727	5.250	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	220274	16.986	ng	# 81
25) Isophorone	7.24	82	1578715	44.192	ng	# 67
32) Benzoic acid	7.80	122	125	7.980	ng	# 65
49) Dimethylphthalate	9.42	163	320104	9.929	ng	99
56) 2,4-Dinitrotoluene	9.70	165	53709	6.671	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.49	198	1155	5.222	ng	# 1
66) 4-Bromophenyl-phenylether	10.49	248	28300	4.553	ng	# 1

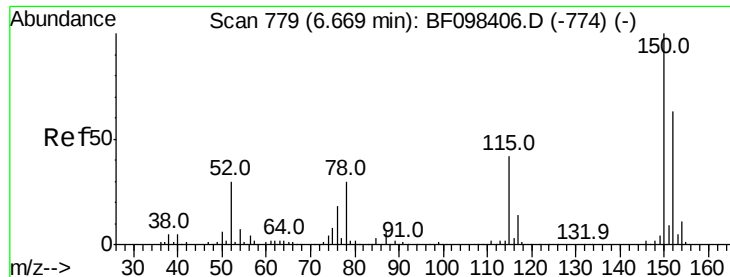
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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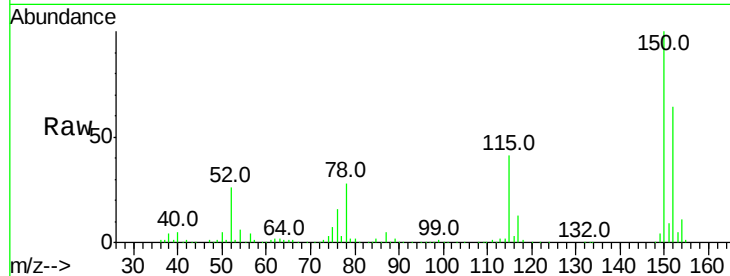


#1

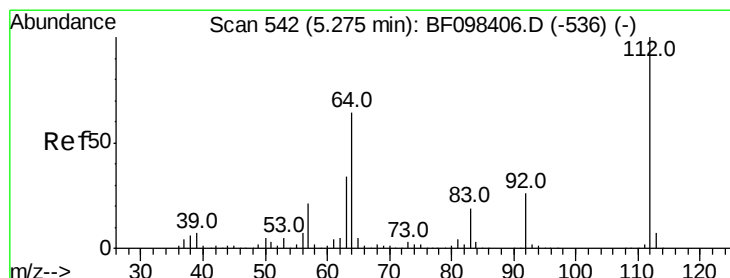
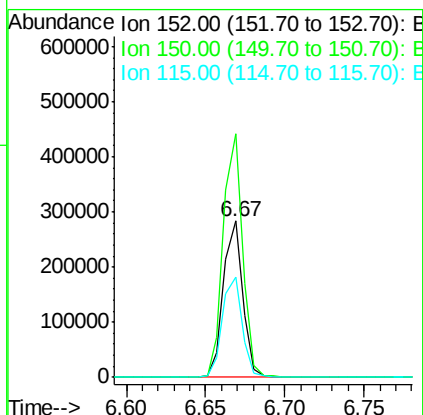
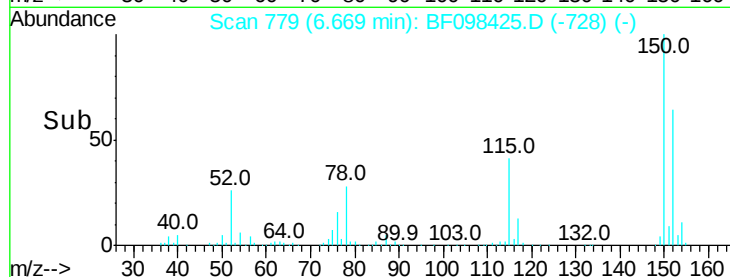
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF098425.D
 Acq: 12 Sep 2017 1:57

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS008-01

Tot Ion:152 Resp: 240078
 Ion Ratio Lower Upper
 152 100
 150 156.1 126.2 189.2
 115 64.4 52.2 78.2



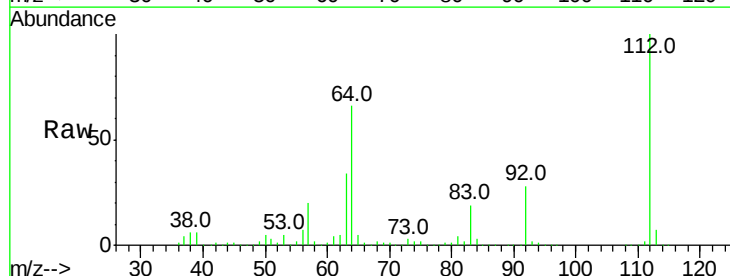
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



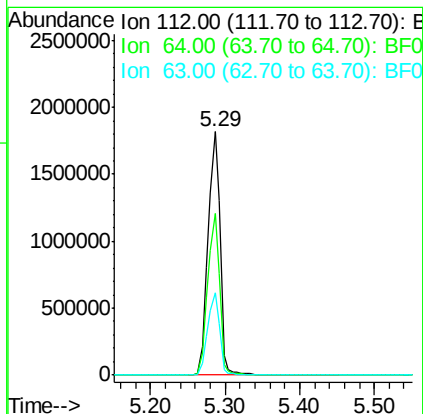
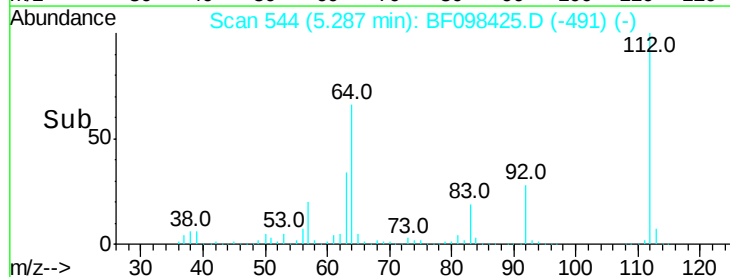
#5

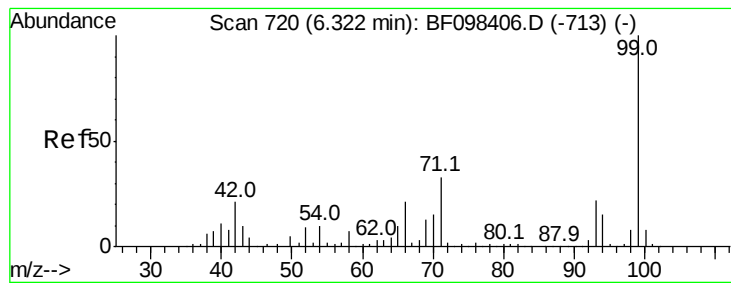
2-Fluorophenol
 Concen: 126.772 ng
 RT: 5.29 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: BF098425.D
 Acq: 12 Sep 2017 1:57

Tgt Ion:112 Resp: 2058488
 Ion Ratio Lower Upper
 112 100
 64 66.2 46.0 69.0
 63 33.9 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: 121.959 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF098425.D

Acq: 12 Sep 2017 1:57

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS008-01

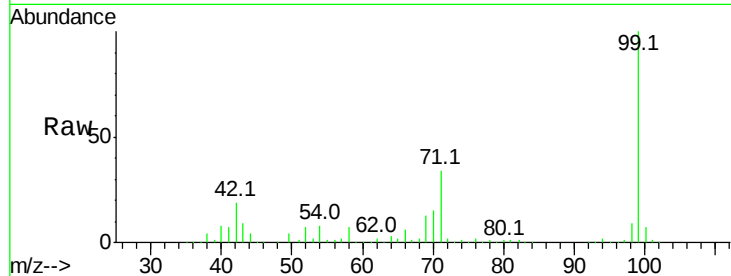
Tot Ion: 99 Resp: 2514359

Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.5	20.3
71	33.6	24.5	36.7

99 100

42 18.5 13.5 20.3

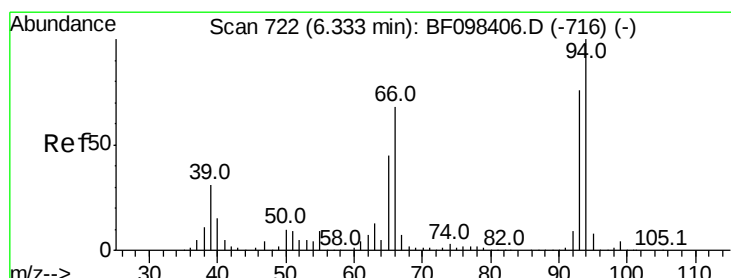
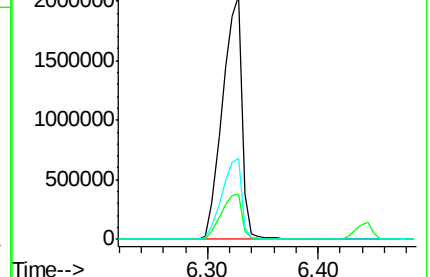
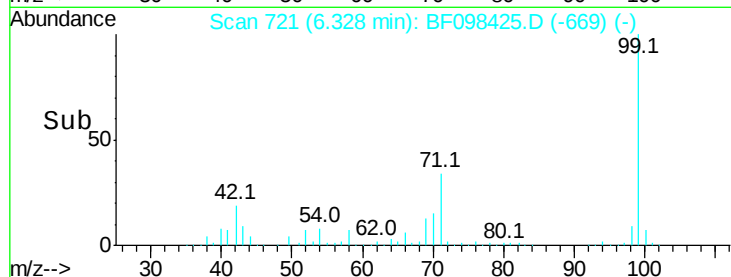
71 33.6 24.5 36.7



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: 5.250 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF098425.D

Acq: 12 Sep 2017 1:57

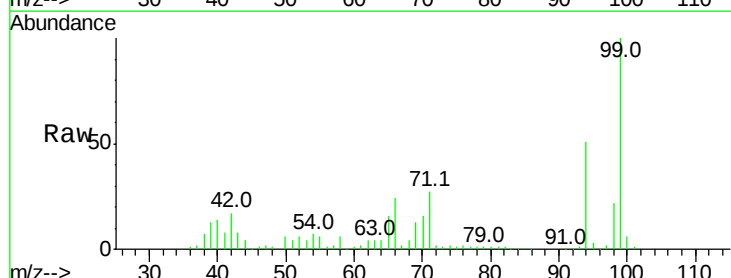
Tgt Ion: 94 Resp: 125727

Ion	Ratio	Lower	Upper
94	100		
65	31.7	9.9	49.9
66	46.9	23.1	63.1

94 100

65 31.7 9.9 49.9

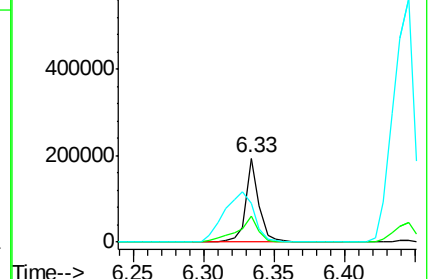
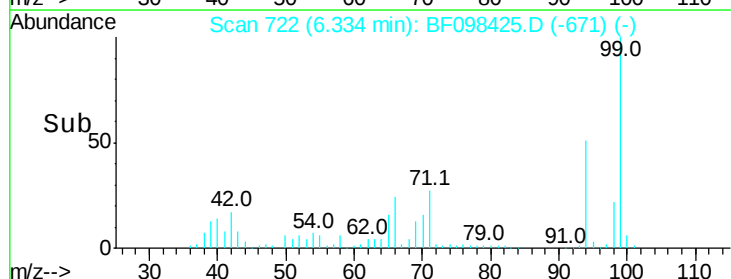
66 46.9 23.1 63.1

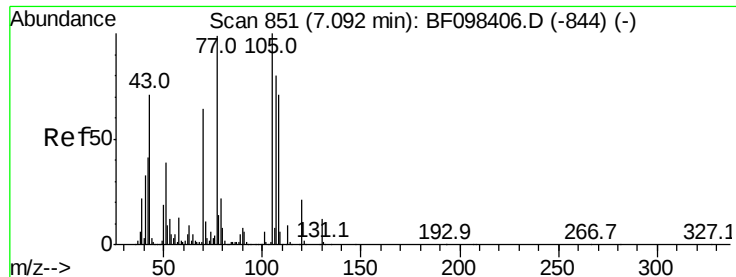


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

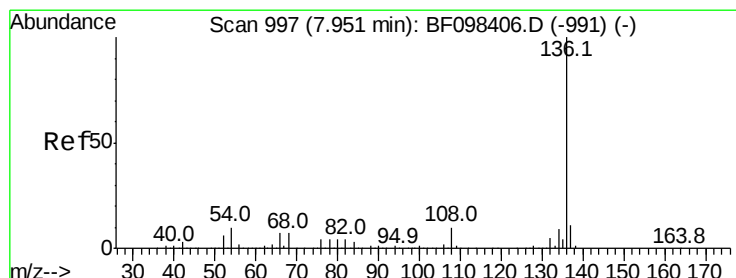
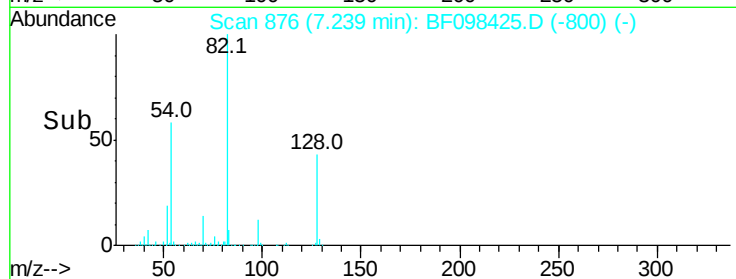
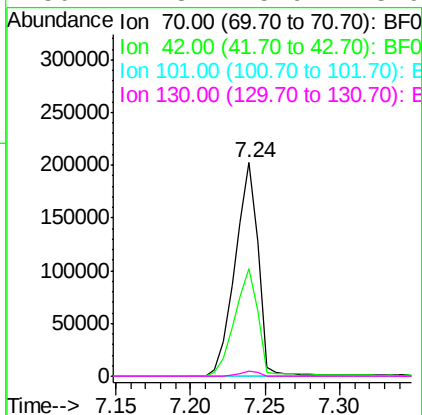
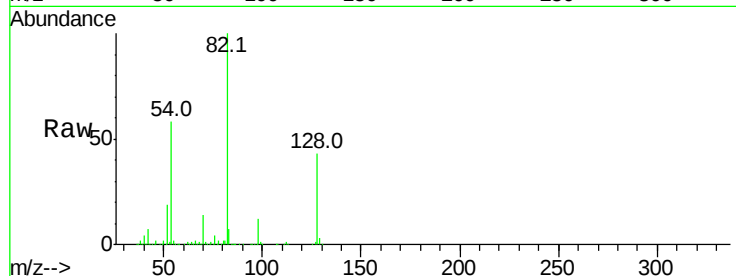




#19
n-Nitroso-di-n-propylamine
Concen: 16.986 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.15 min
Lab File: BF098425.D
Acq: 12 Sep 2017 1:57

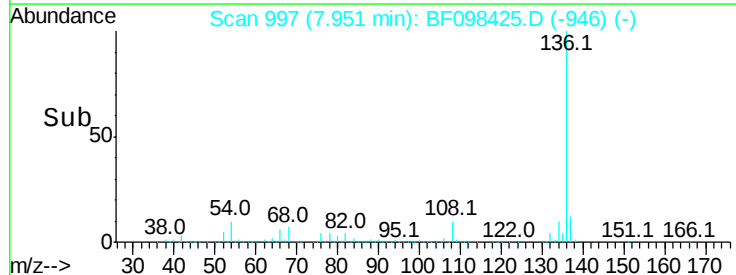
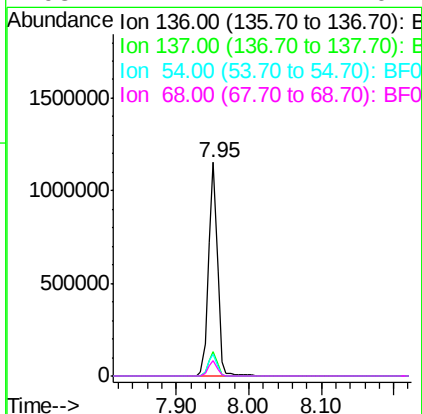
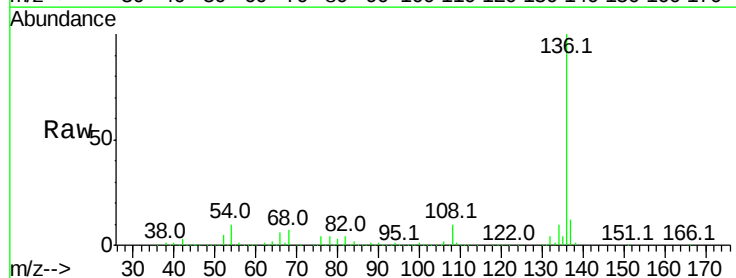
Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS008-01

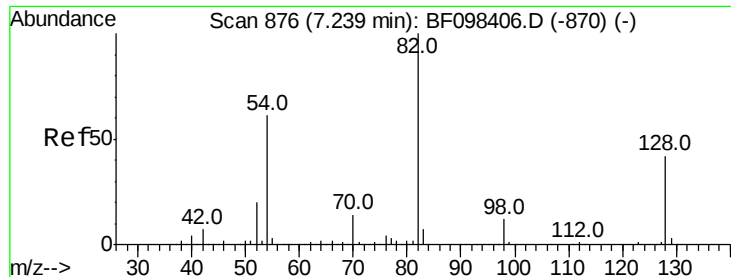
Tot Ion	Ratio	Lower	Upper
70	100		
42	50.2	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF098425.D
Acq: 12 Sep 2017 1:57

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	10.2	4.9	7.3#
68	7.1	4.1	6.1#





#23

Nitrobenzene-d5

Concen: 91.039 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF098425.D

Acq: 12 Sep 2017 1:57

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS008-01

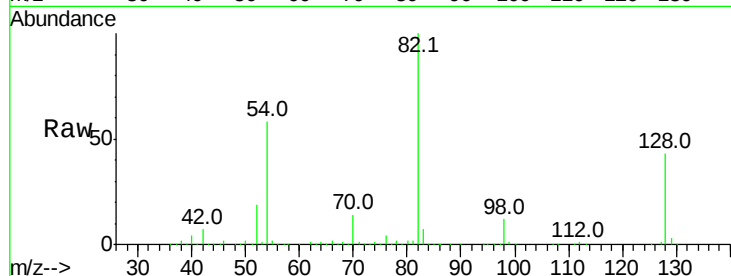
Tot Ion: 82 Resp: 1607459

Ion Ratio Lower Upper

82 100

128 43.4 34.0 51.0

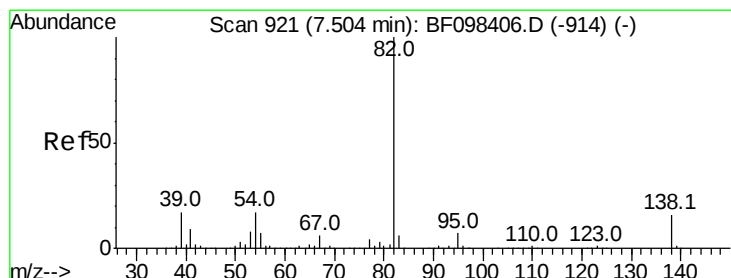
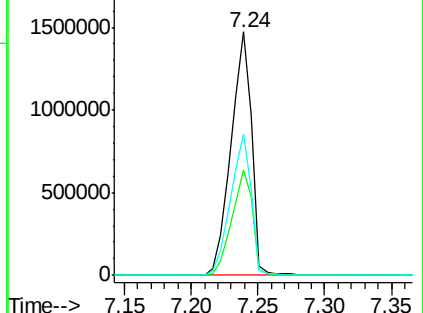
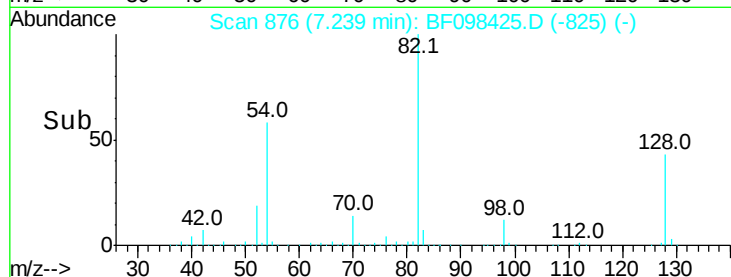
54 57.9 42.2 63.2



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: 44.192 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.26 min

Lab File: BF098425.D

Acq: 12 Sep 2017 1:57

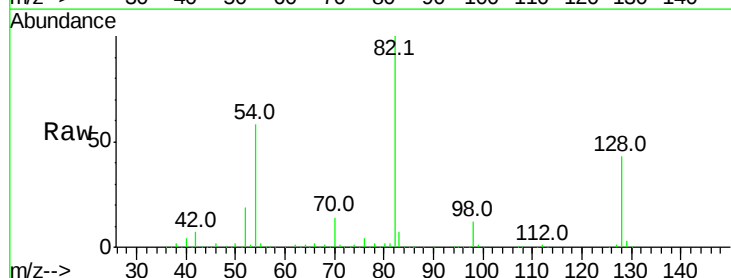
Tgt Ion: 82 Resp: 1578715

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

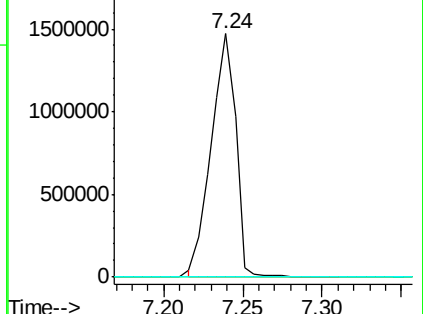
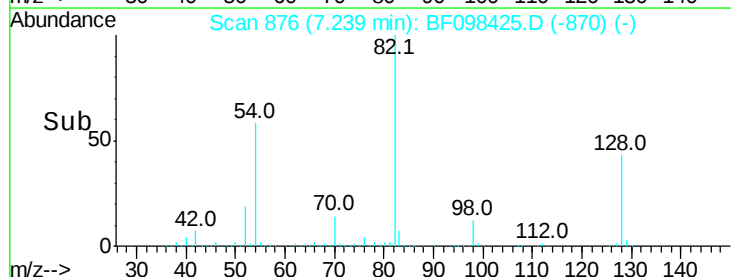
138 0.0 13.1 19.7#

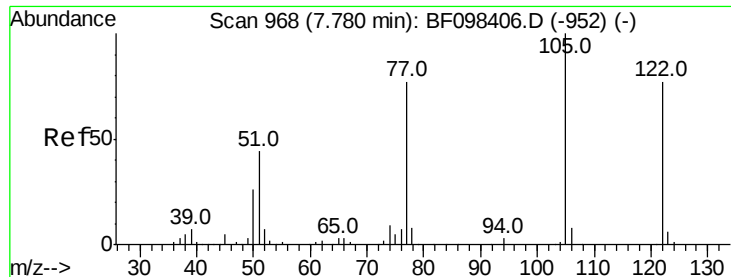


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#32

Benzoic acid

Concen: 7.980 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.02 min

Lab File: BF098425.D

Acq: 12 Sep 2017 1:57

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS008-01

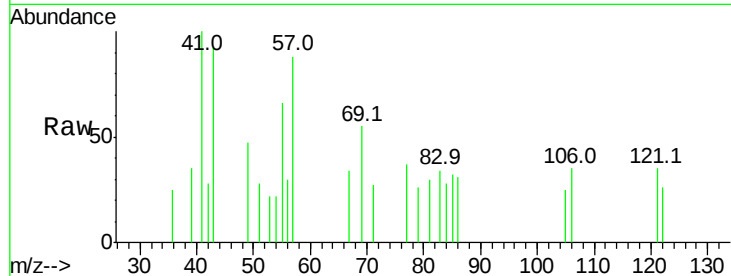
Tot Ion:122 Resp: 125

Ion Ratio Lower Upper

122 100

105 95.8 103.3 143.3#

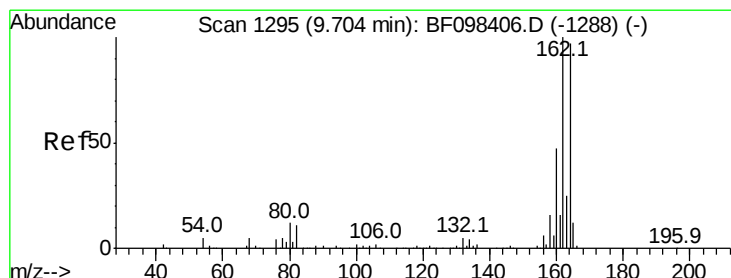
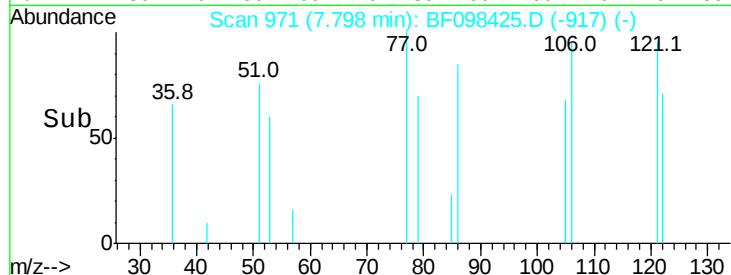
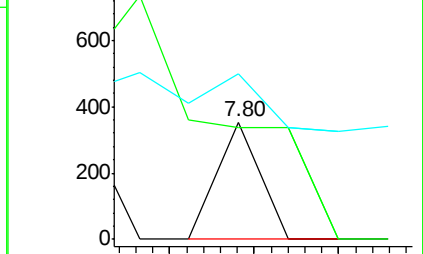
77 141.2 73.7 113.7#



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: BF098425.D

Acq: 12 Sep 2017 1:57

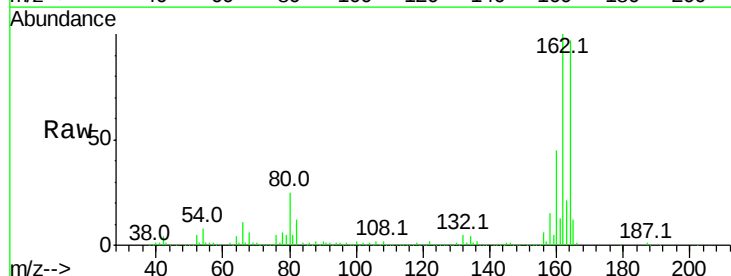
Tgt Ion:164 Resp: 416505

Ion Ratio Lower Upper

164 100

162 102.6 82.6 123.8

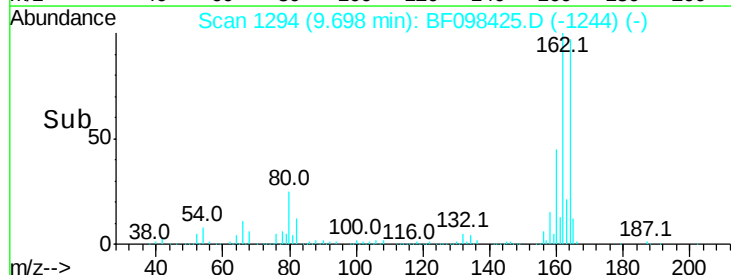
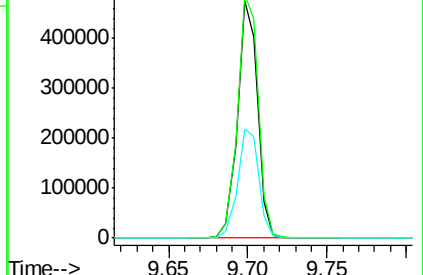
160 46.2 36.2 54.2

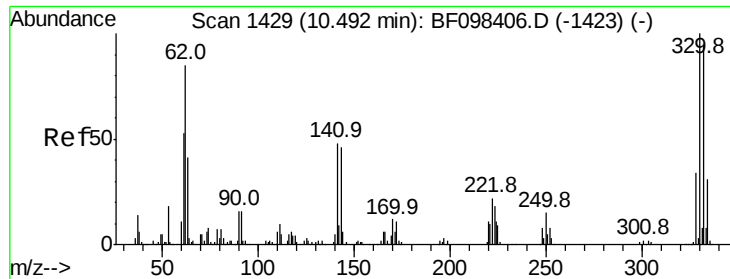


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

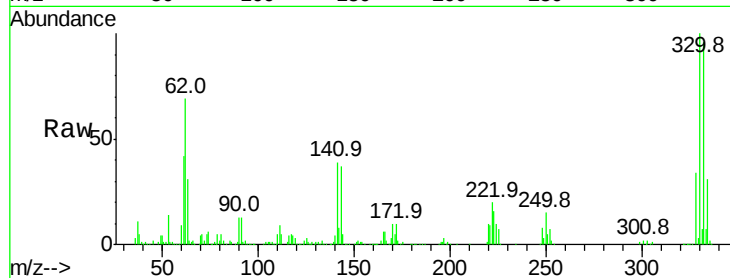




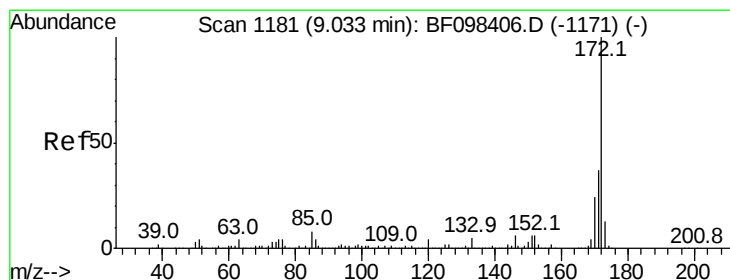
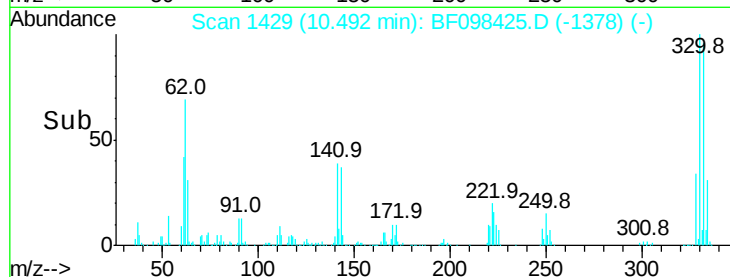
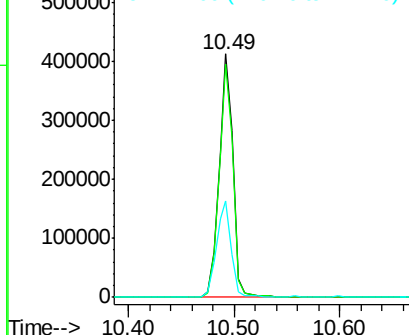
#41
 2,4,6-Tribromophenol
 Concen: 138.177 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF098425.D
 Acq: 12 Sep 2017 1:57

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS008-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	42.2	31.4	47.2

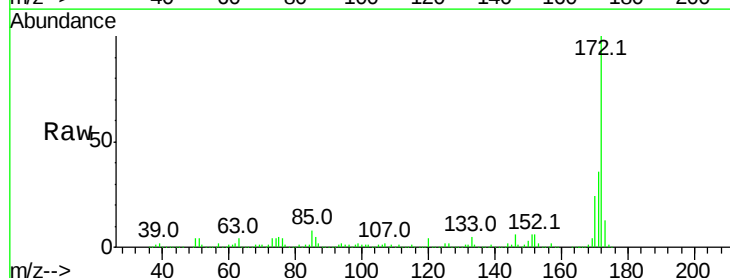


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

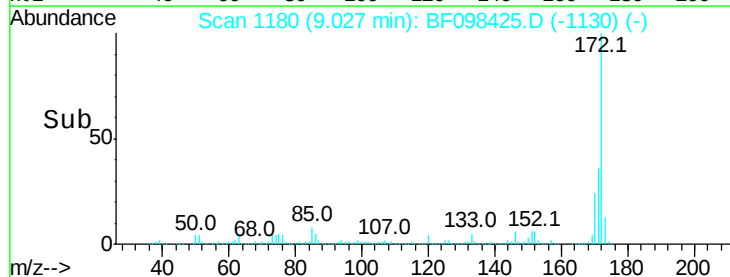
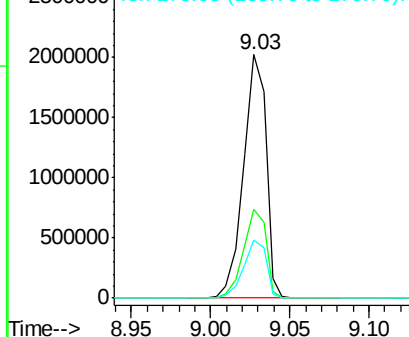


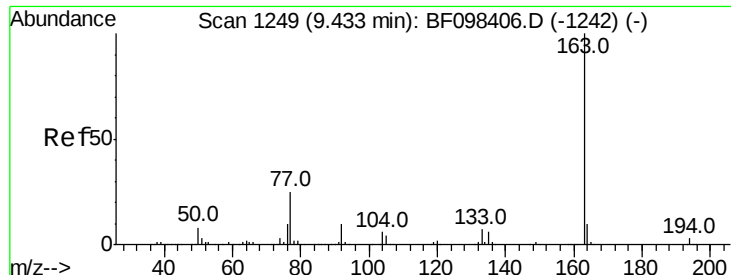
#44
 2-Fluorobiphenyl
 Concen: 81.383 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF098425.D
 Acq: 12 Sep 2017 1:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.1	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: 9.929 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF098425.D

Acq: 12 Sep 2017 1:57

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS008-01

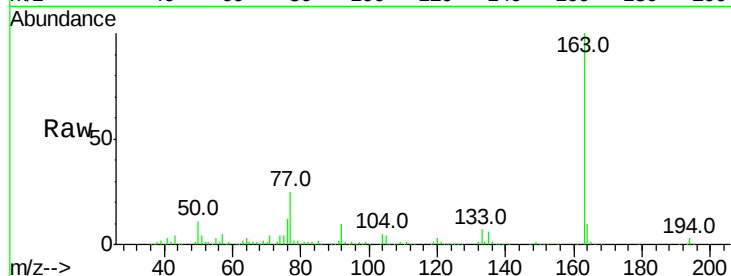
Tot Ion:163 Resp: 320104

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

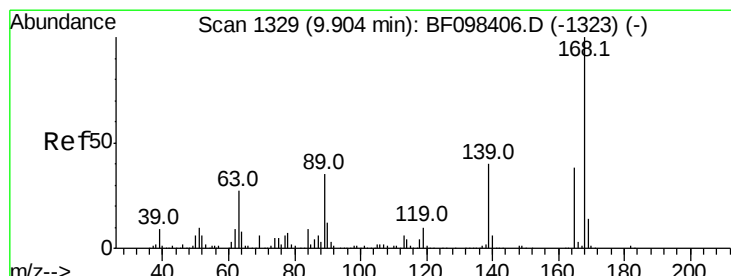
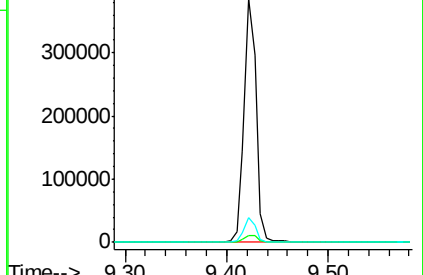
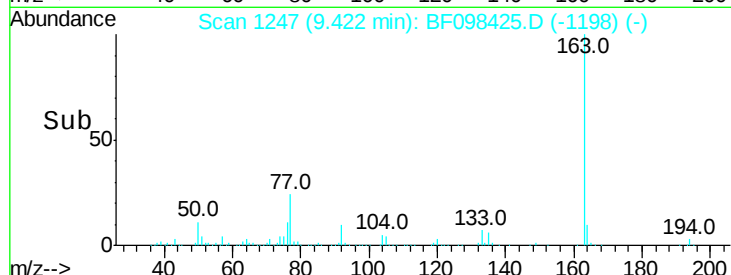
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.671 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.21 min

Lab File: BF098425.D

Acq: 12 Sep 2017 1:57

Tgt Ion:165 Resp: 53709

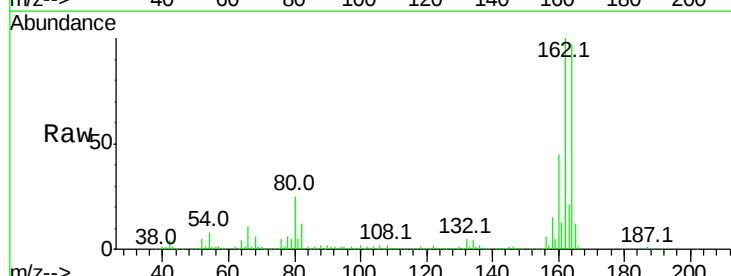
Ion Ratio Lower Upper

165 100

63 2.0 25.4 38.0#

89 1.9 46.4 69.6#

182 0.0 1.8 2.6#

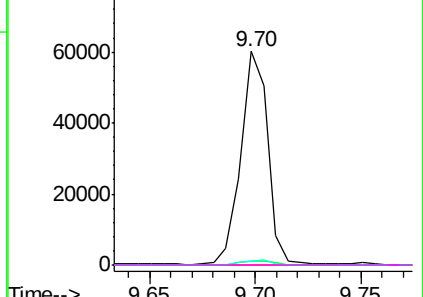
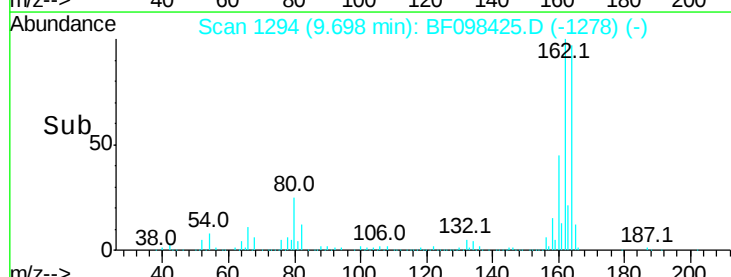


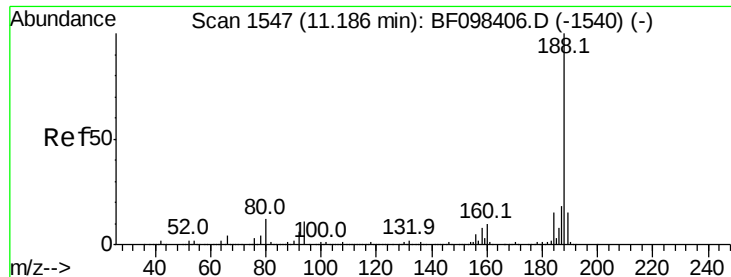
Abundance Ion 165.00 (164.70 to 165.70): E

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

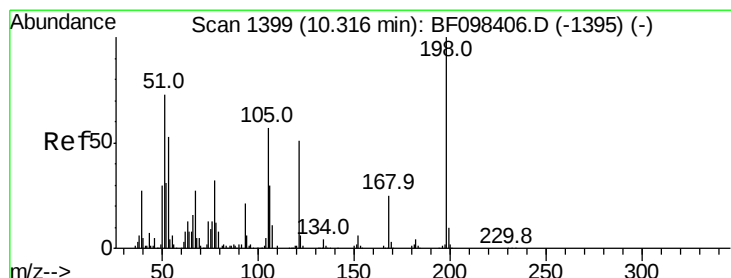
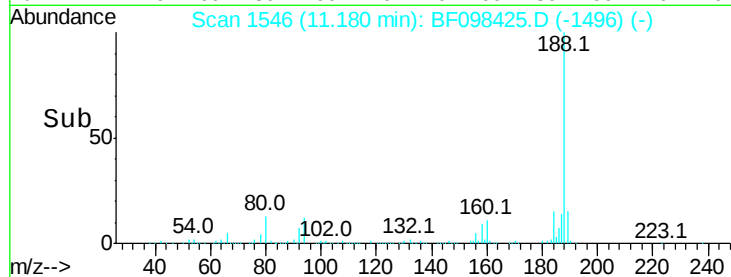
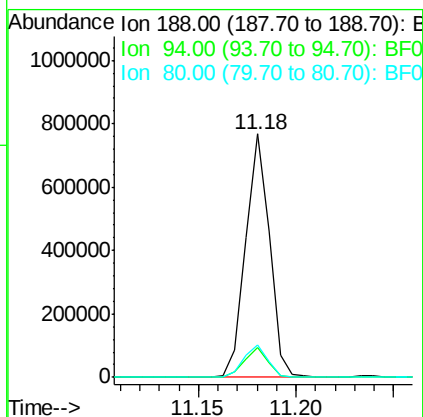
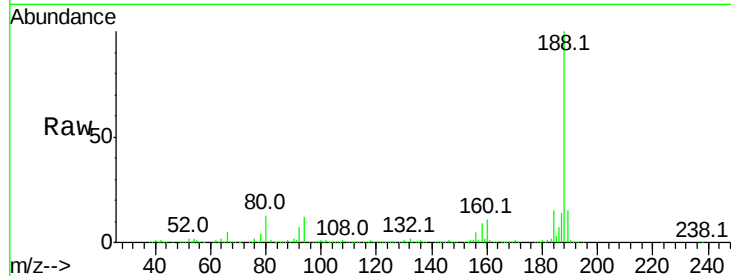




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF098425.D
Acq: 12 Sep 2017 1:57

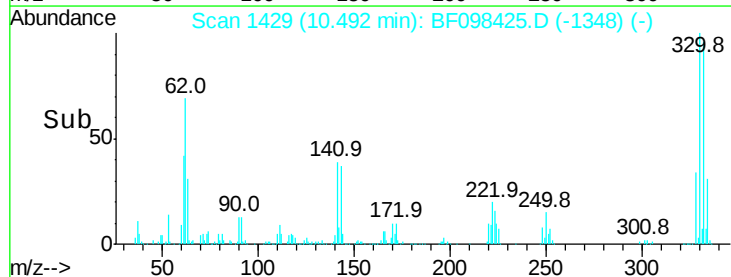
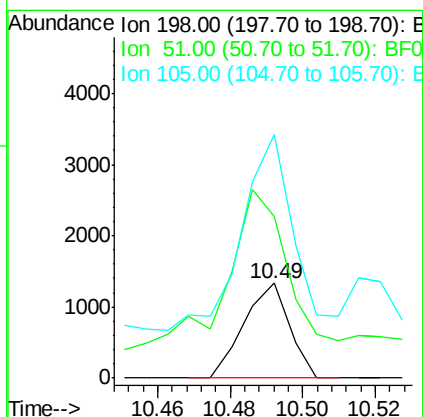
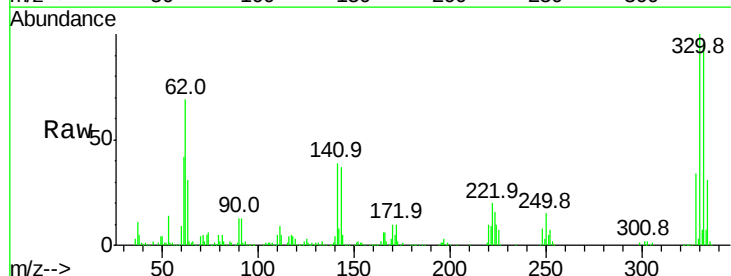
Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS008-01

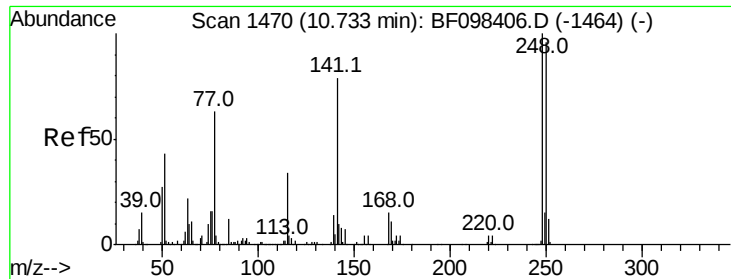
Tot Ion:188 Resp: 654888
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 13.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 5.222 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.18 min
Lab File: BF098425.D
Acq: 12 Sep 2017 1:57

Tgt Ion:198 Resp: 1155
Ion Ratio Lower Upper
198 100
51 170.4 53.2 93.2#
105 256.3 45.8 85.8#

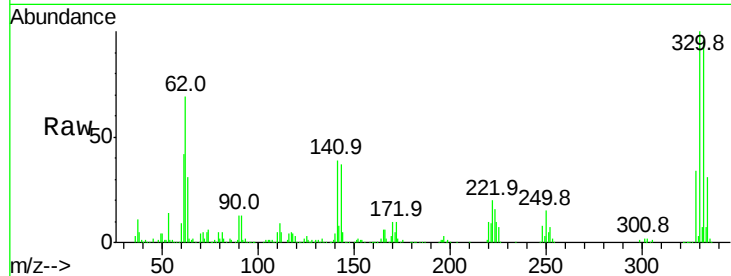




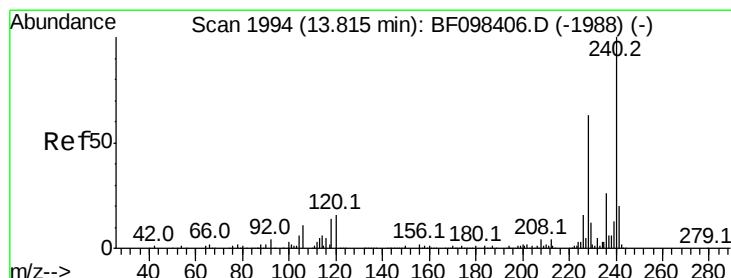
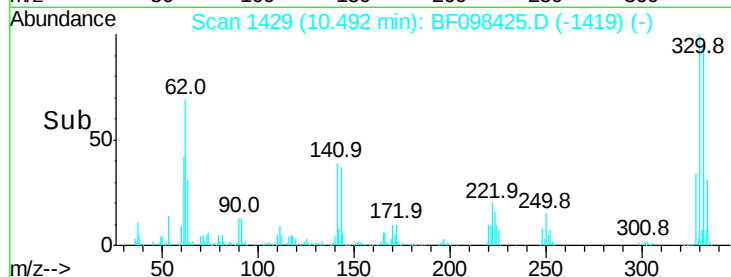
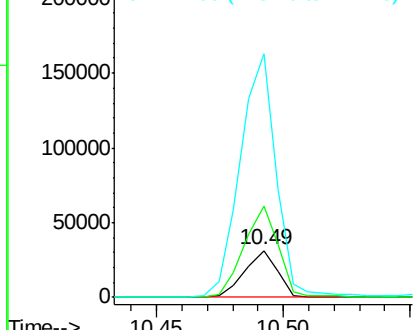
#66
4-Bromophenyl-phenylether
Concen: 4.553 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.24 min
Lab File: BF098425.D
Acq: 12 Sep 2017 1:57

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS008-01

Tot Ion:248 Resp: 28300
Ion Ratio Lower Upper
248 100
250 193.1 76.8 115.2#
141 516.6 68.6 103.0#

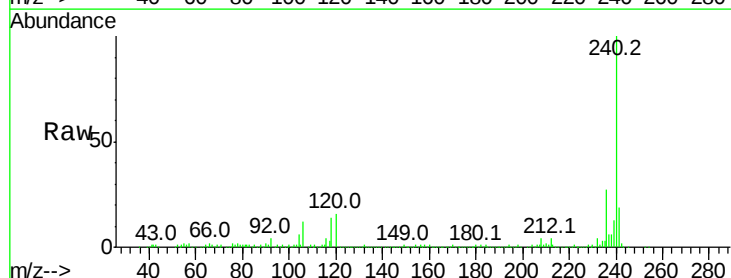


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

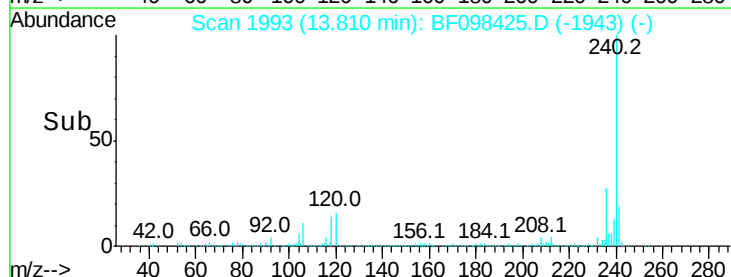
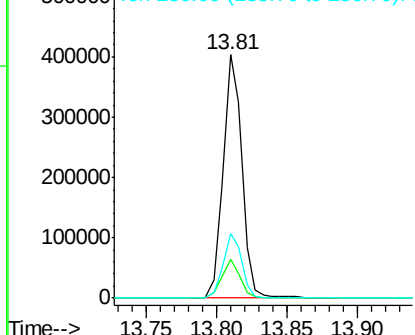


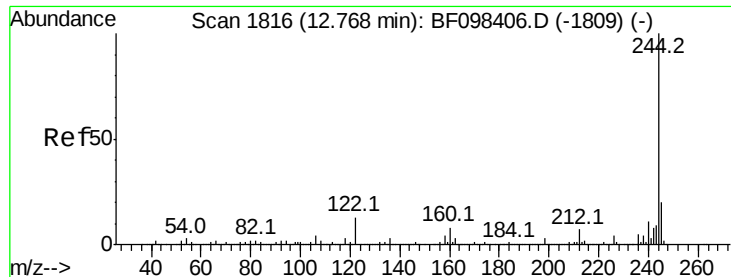
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF098425.D
Acq: 12 Sep 2017 1:57

Tgt Ion:240 Resp: 374558
Ion Ratio Lower Upper
240 100
120 16.2 5.8 8.8#
236 26.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.383 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF098425.D

Acq: 12 Sep 2017 1:57

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS008-01

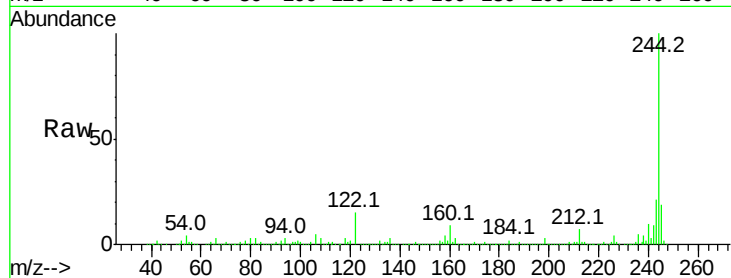
Tot Ion:244 Resp: 1117235

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

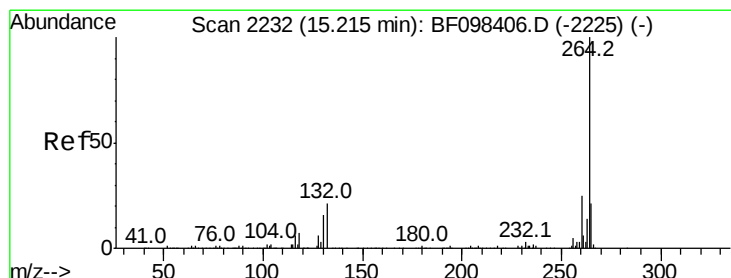
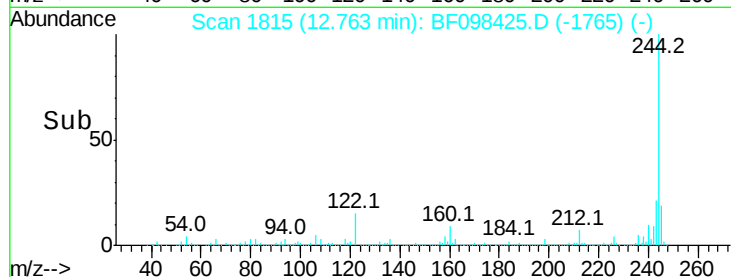
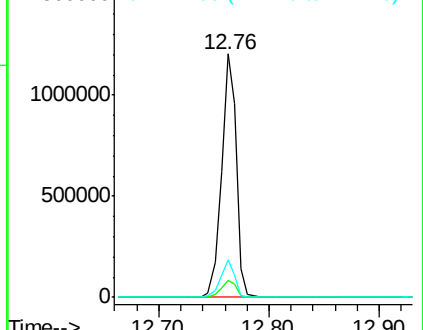
122 15.4 10.3 15.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BF098425.D

Acq: 12 Sep 2017 1:57

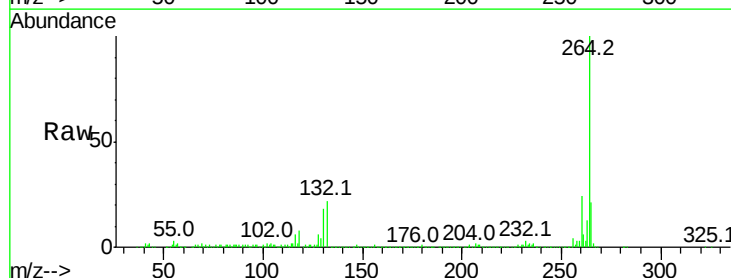
Tgt Ion:264 Resp: 388520

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.1 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

