

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098429.D
 Acq On : 12 Sep 2017 3:47
 Operator : SJ/JU
 Sample : I5138-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-WM-TS001-01

Quant Time: Sep 12 04:14:36 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	246363	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	987740	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	405366	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	650678	20.00	ng	0.00
75) Chrysene-d12	13.81	240	397381	20.00	ng	0.00
86) Perylene-d12	15.22	264	396847	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	2105860	126.38	ng	0.01
7) Phenol-d6	6.33	99	2592303	122.53	ng	0.00
23) Nitrobenzene-d5	7.24	82	1619215	91.39	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	364076	134.57	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1761100	73.64	ng	0.00
78) Terphenyl-d14	12.76	244	994980	54.04	ng	0.00

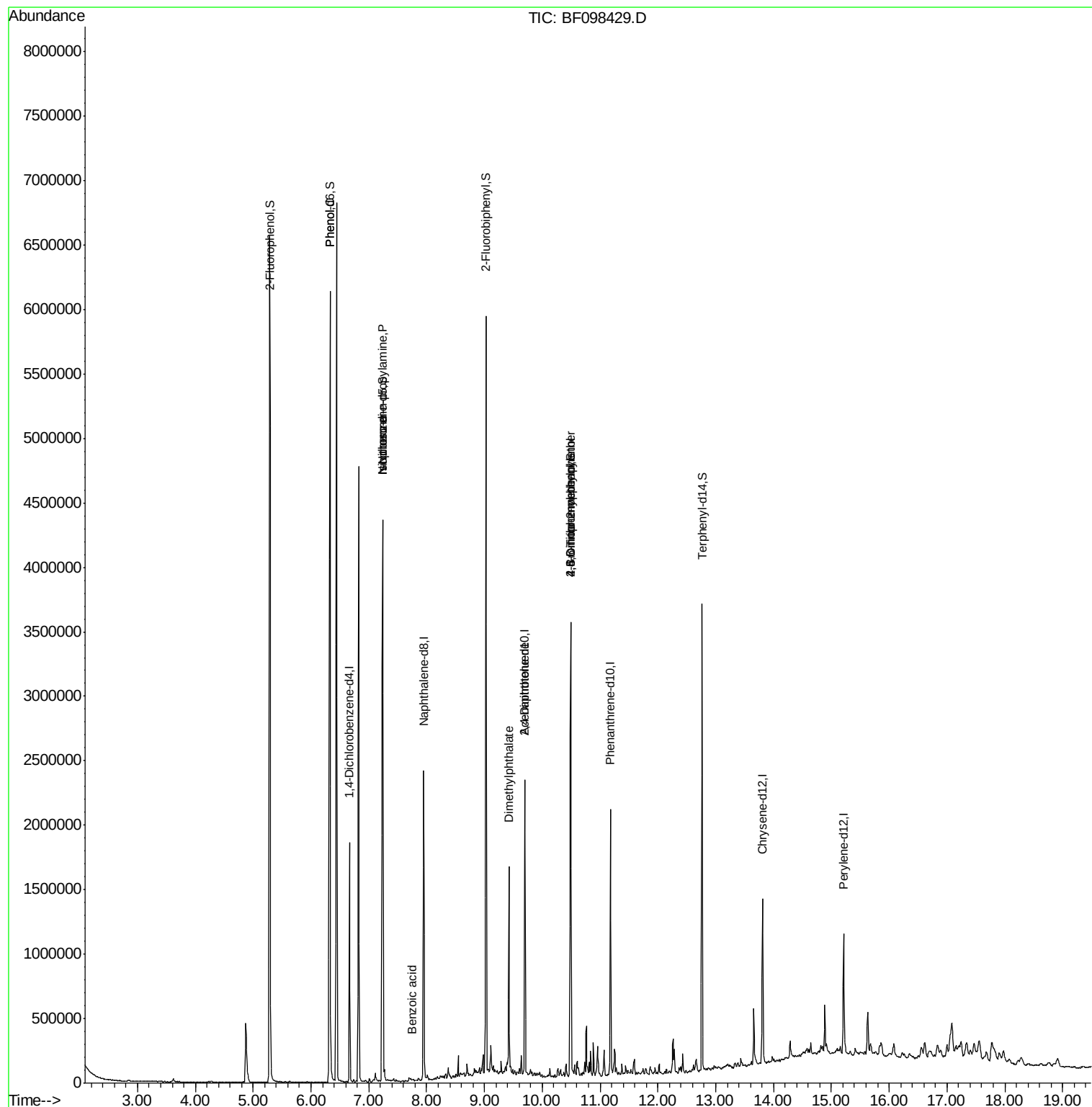
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.33	94	143138	5.825	ng	85
19) n-Nitroso-di-n-propylamine	7.24	70	221246	16.626	ng	# 80
25) Isophorone	7.24	82	1587965	44.298	ng	# 67
32) Benzoic acid	7.76	122	1507	8.090	ng	# 49
49) Dimethylphthalate	9.43	163	593012	18.899	ng	98
56) 2,4-Dinitrotoluene	9.70	165	53579	6.837	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.49	198	1093	5.210	ng	# 1
66) 4-Bromophenyl-phenylether	10.49	248	27578	4.466	ng	# 1

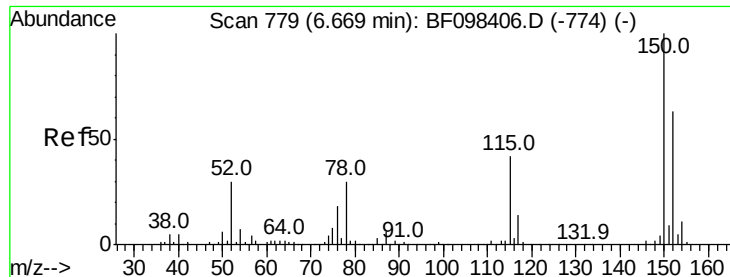
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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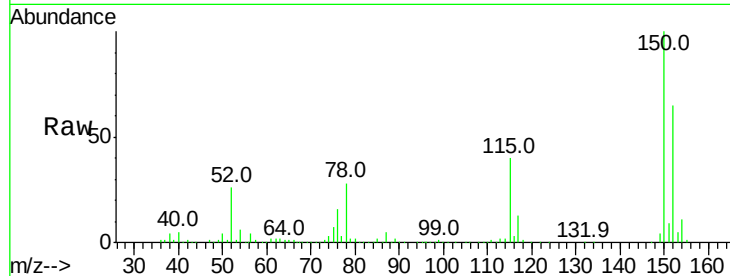


#1

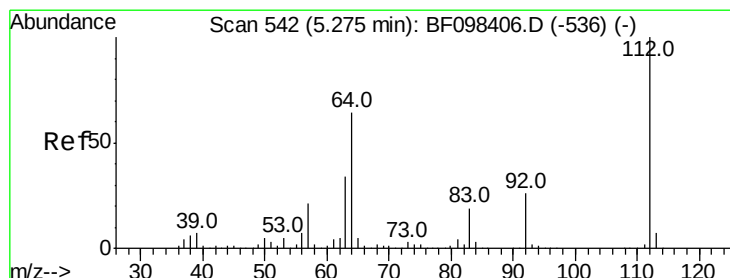
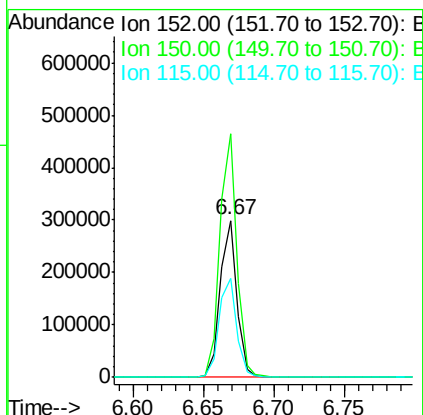
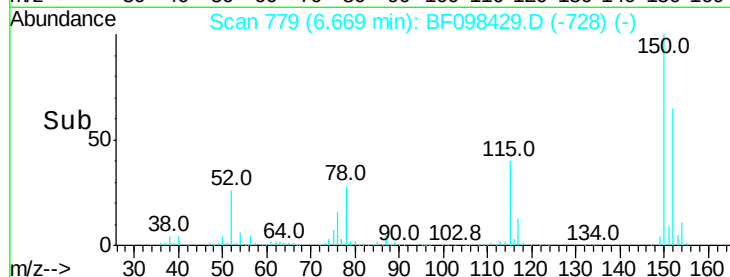
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF098429.D
Acq: 12 Sep 2017 3:47

Instrument :
BNA_F
ClientSampleId :
EME-WM-TS001-01

Tot Ion:152 Resp: 246363
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 62.7 52.2 78.2



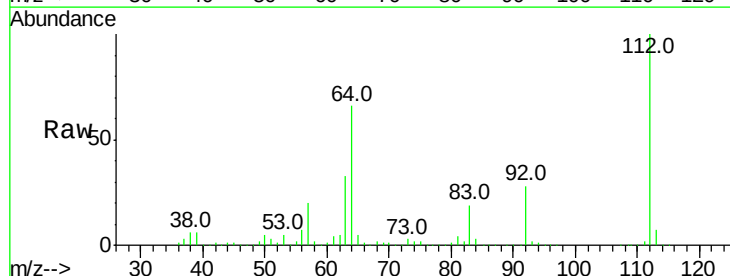
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



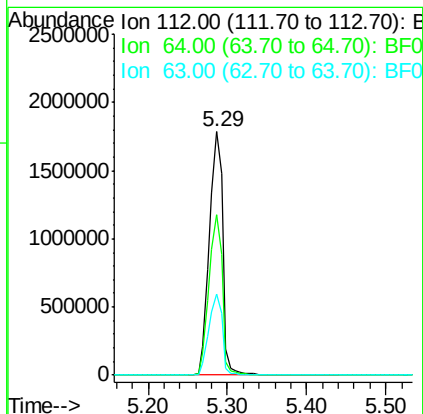
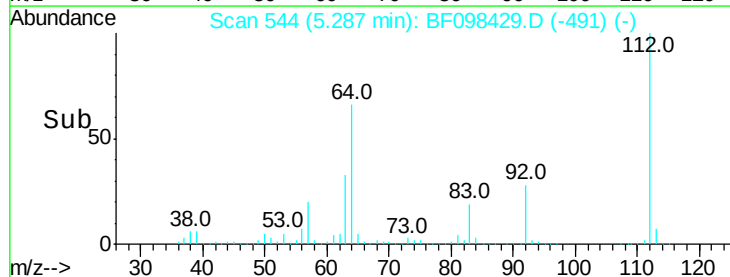
#5

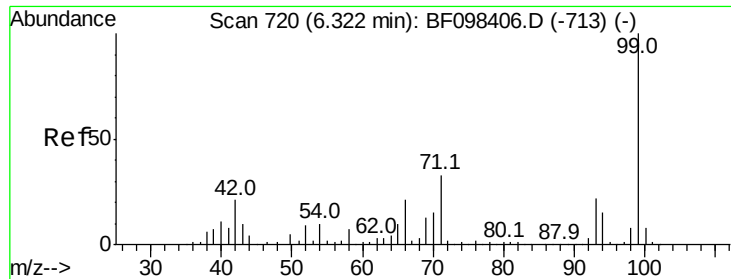
2-Fluorophenol
Concen: 126.381 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF098429.D
Acq: 12 Sep 2017 3:47

Tgt Ion:112 Resp: 2105860
Ion Ratio Lower Upper
112 100
64 66.0 46.0 69.0
63 33.4 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: 122.532 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF098429.D

Acq: 12 Sep 2017 3:47

Instrument :

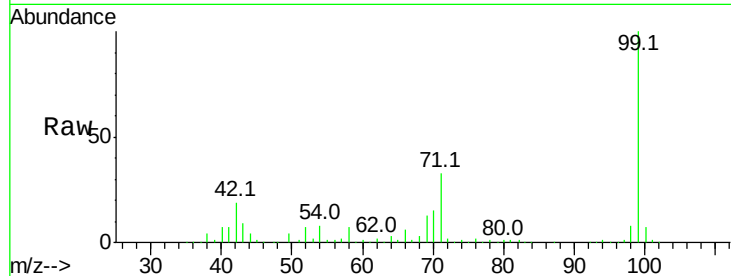
BNA_F

ClientSampleId :

EME-WM-TS001-01

Tot Ion: 99 Resp: 2592303

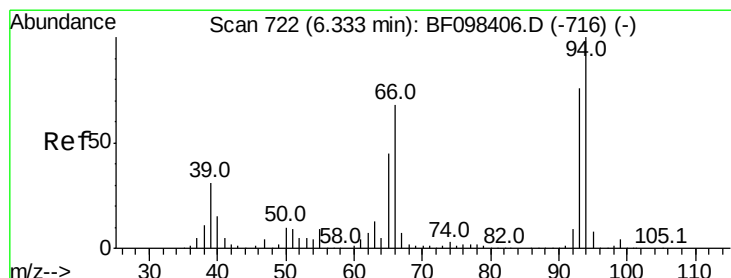
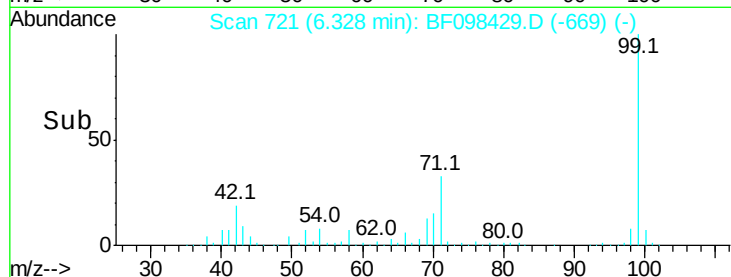
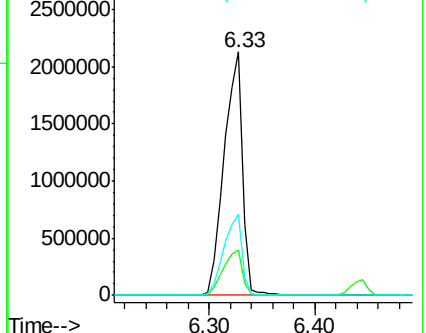
Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.5	20.3
71	33.4	24.5	36.7



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: 5.825 ng

RT: 6.33 min Scan# 722

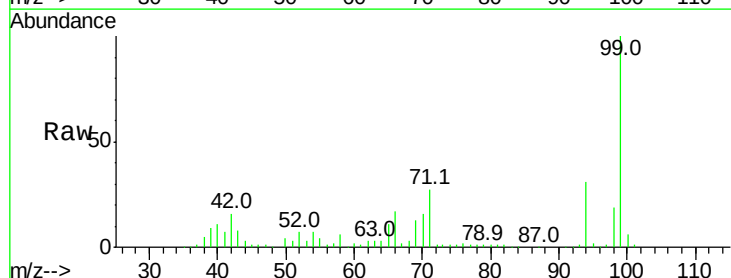
Delta R.T. 0.00 min

Lab File: BF098429.D

Acq: 12 Sep 2017 3:47

Tgt Ion: 94 Resp: 143138

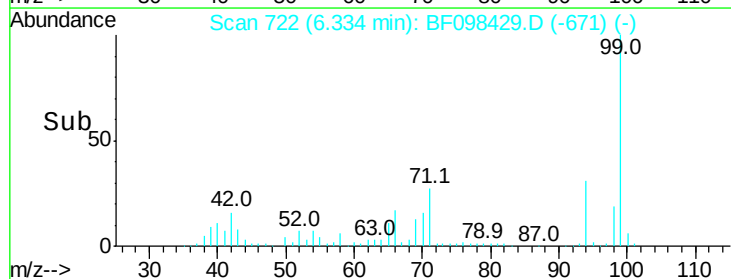
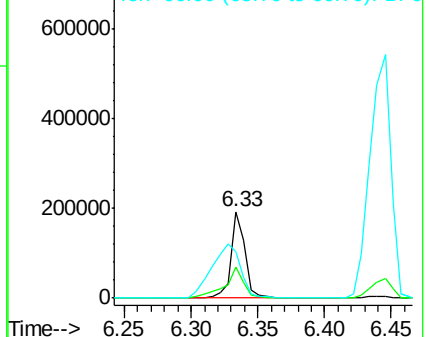
Ion	Ratio	Lower	Upper
94	100		
65	36.1	9.9	49.9
66	54.3	23.1	63.1

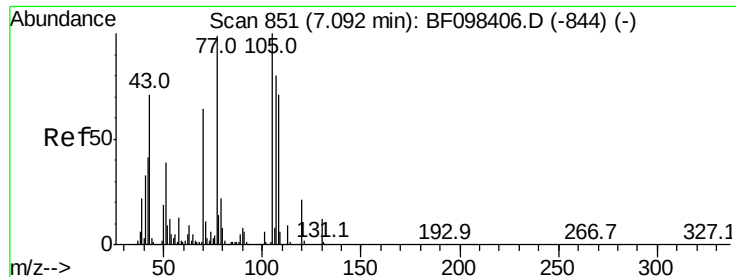


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

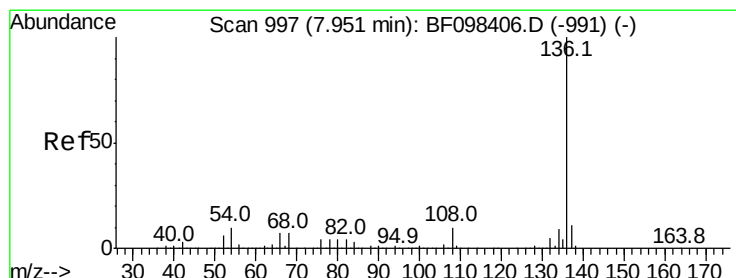
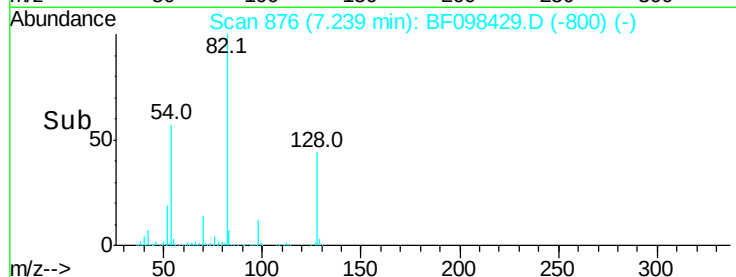
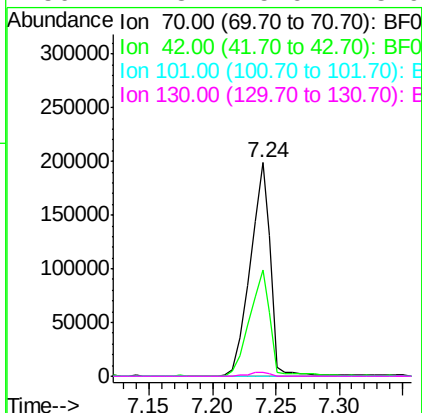
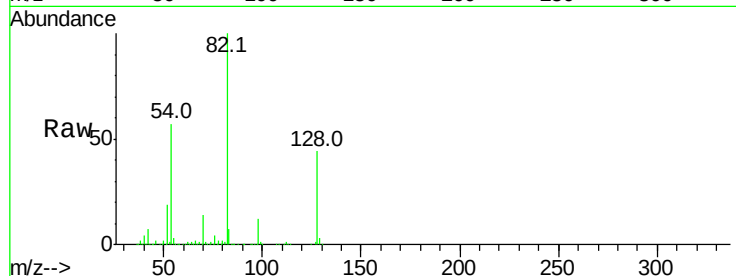




#19
n-Nitroso-di-n-propylamine
Concen: 16.626 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.15 min
Lab File: BF098429.D
Acq: 12 Sep 2017 3:47

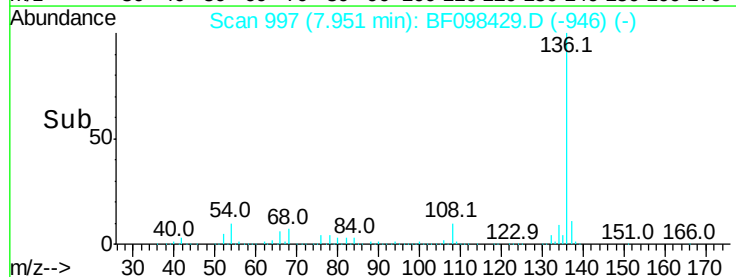
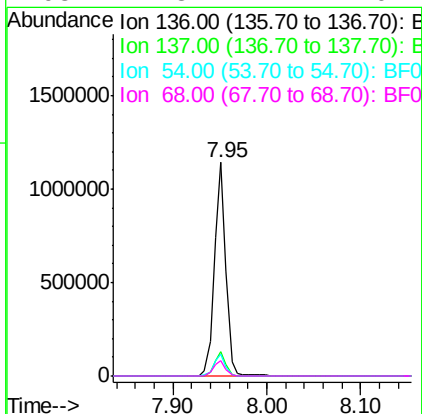
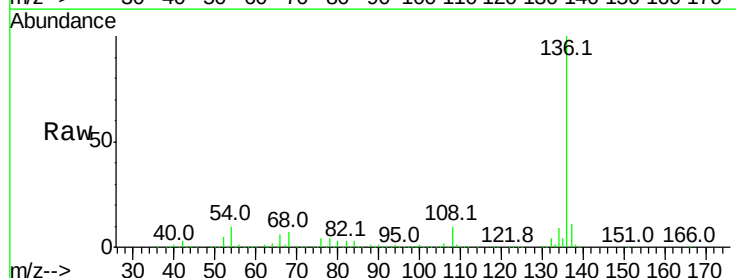
Instrument :
BNA_F
ClientSampleId :
EME-WM-TS001-01

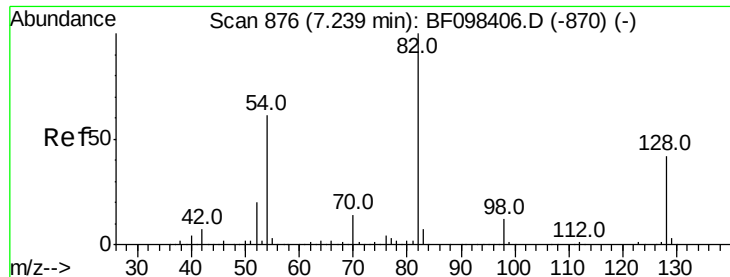
Tot Ion	Ratio	Lower	Upper
70	100		
42	49.9	47.2	70.8
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF098429.D
Acq: 12 Sep 2017 3:47

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	10.4	4.9	7.3#
68	7.3	4.1	6.1#

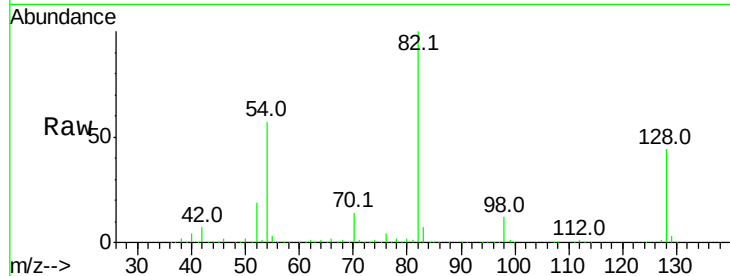




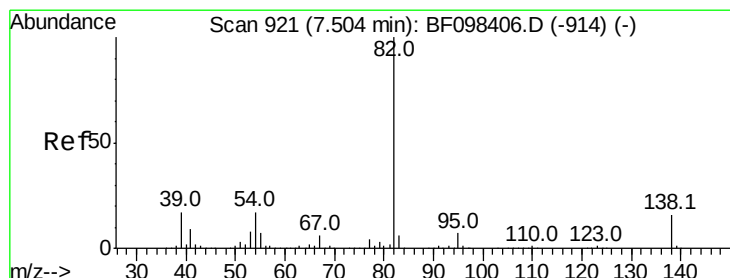
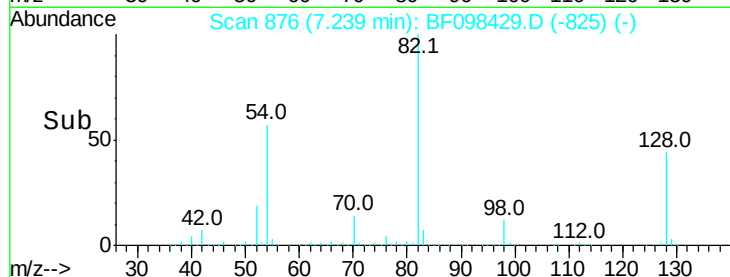
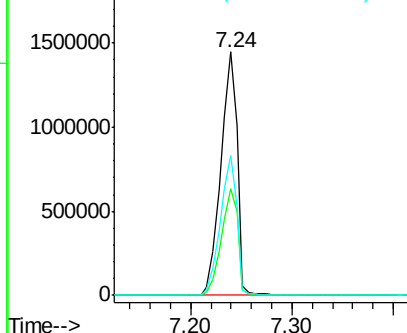
#23
Nitrobenzene-d5
Concen: 91.391 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF098429.D
Acq: 12 Sep 2017 3:47

Instrument :
BNA_F
ClientSampleId :
EME-WM-TS001-01

Tot Ion: 82 Resp: 1619215
Ion Ratio Lower Upper
82 100
128 43.7 34.0 51.0
54 57.4 42.2 63.2

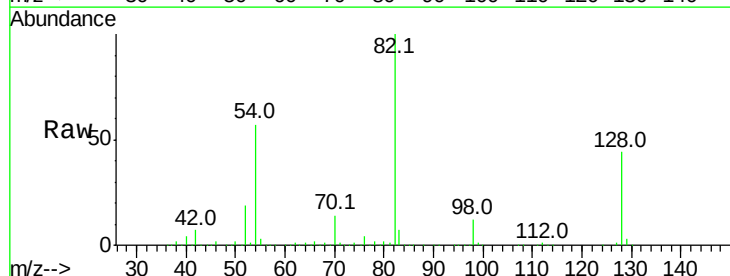


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

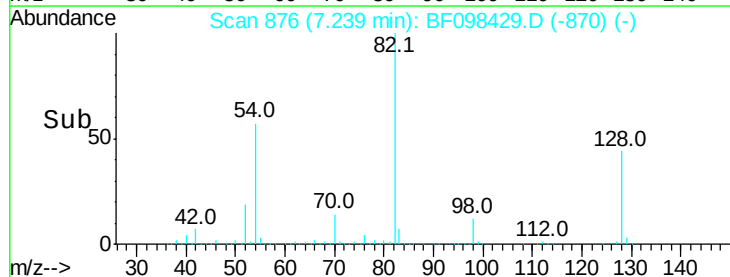
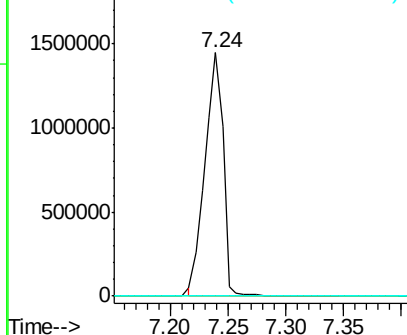


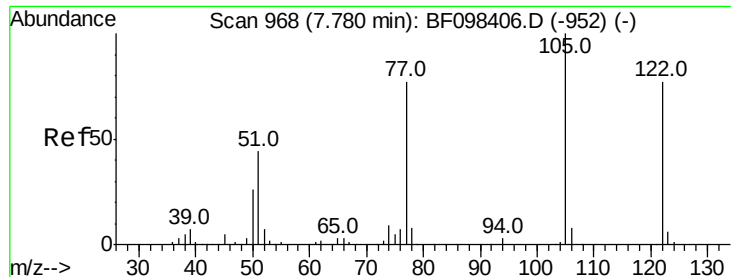
#25
Isophorone
Concen: 44.298 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.26 min
Lab File: BF098429.D
Acq: 12 Sep 2017 3:47

Tgt Ion: 82 Resp: 1587965
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: 8.090 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.02 min

Lab File: BF098429.D

Acq: 12 Sep 2017 3:47

Instrument :

BNA_F

ClientSampleId :

EME-WM-TS001-01

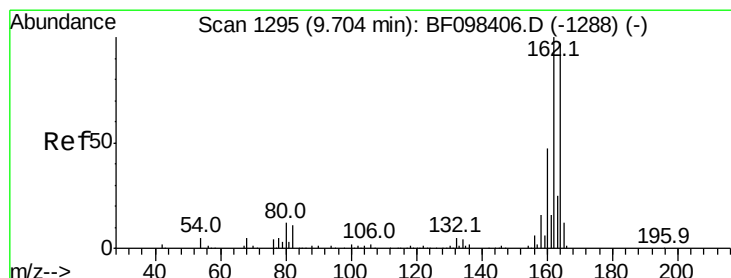
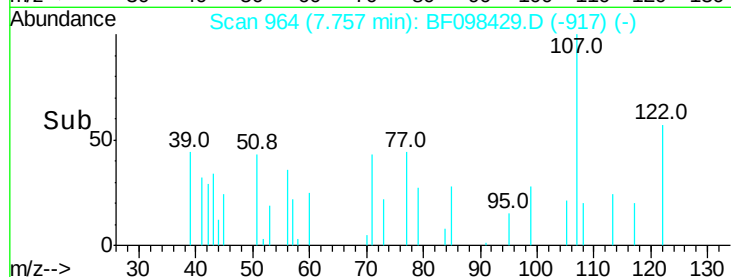
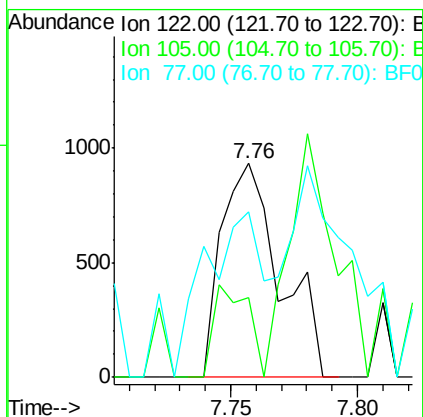
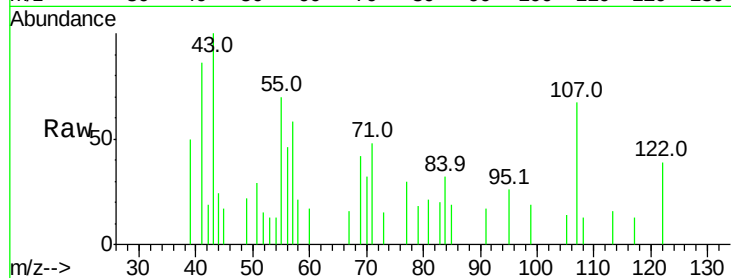
Tot Ion:122 Resp: 1507

Ion Ratio Lower Upper

122 100

105 37.0 103.3 143.3#

77 77.5 73.7 113.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF098429.D

Acq: 12 Sep 2017 3:47

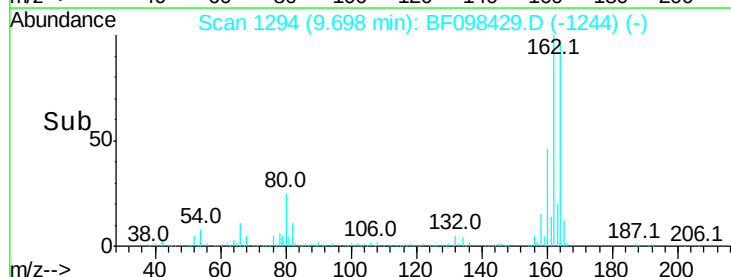
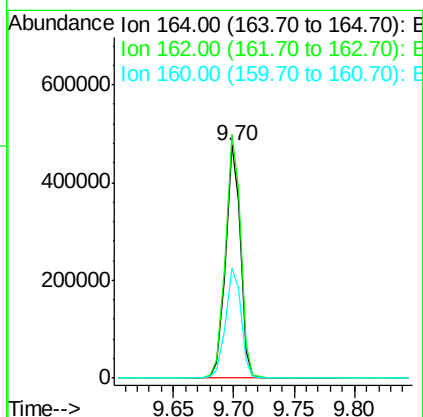
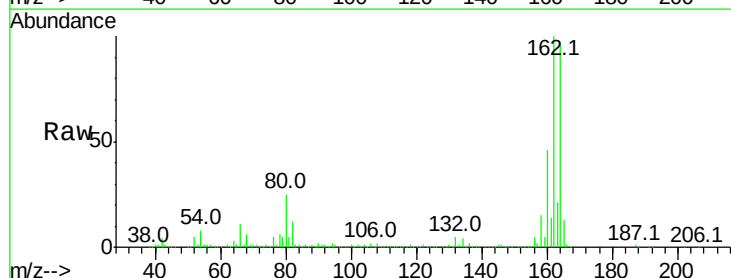
Tgt Ion:164 Resp: 405366

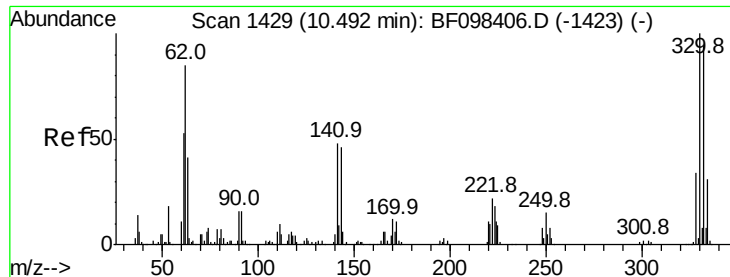
Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

160 47.5 36.2 54.2

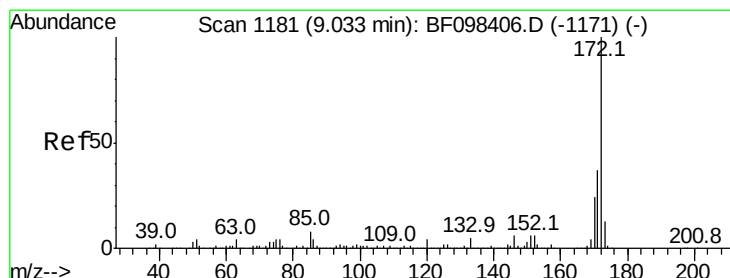
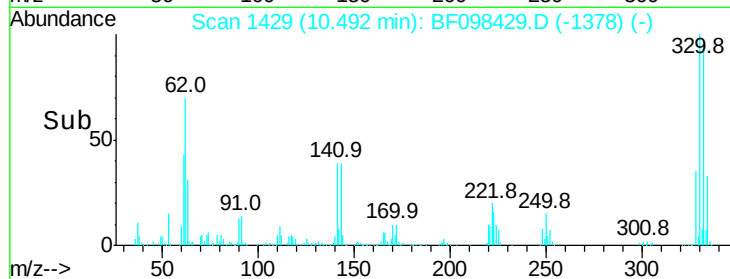
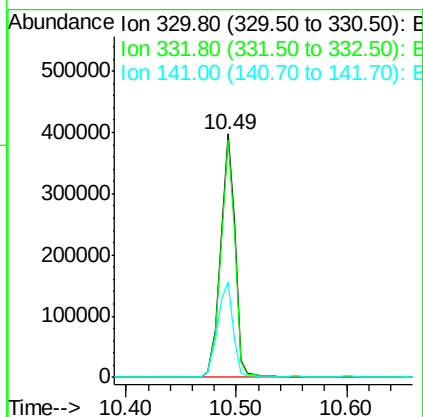
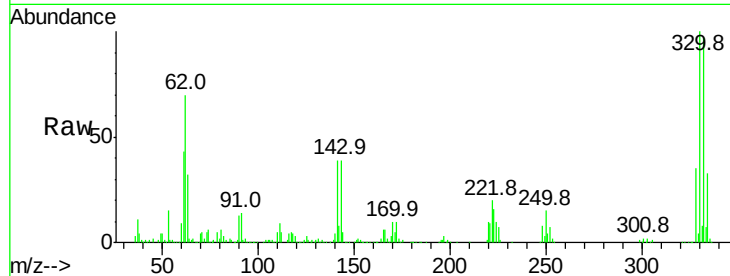




#41
 2,4,6-Tribromophenol
 Concen: 134.569 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF098429.D
 Acq: 12 Sep 2017 3:47

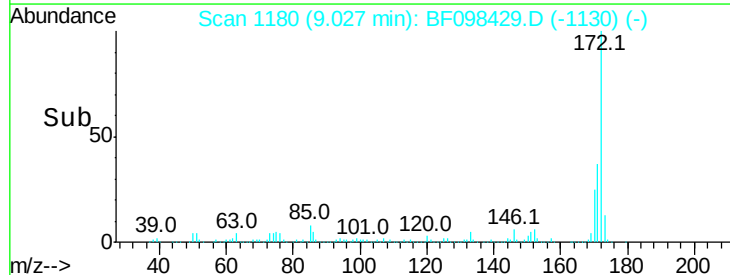
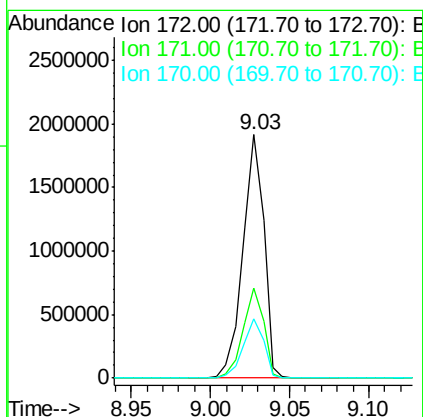
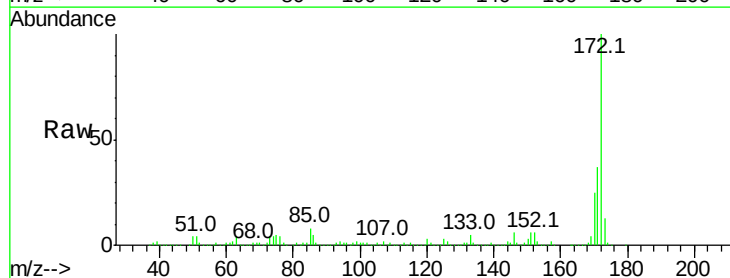
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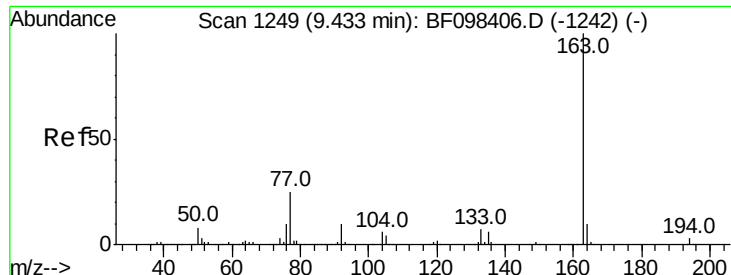
Tot Ion:330 Resp: 364076
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 42.0 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 73.635 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF098429.D
 Acq: 12 Sep 2017 3:47

Tgt Ion:172 Resp: 1761100
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.6 19.8 29.8





#49

Dimethylphthalate

Concen: 18.899 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF098429.D

Acq: 12 Sep 2017 3:47

Instrument :

BNA_F

ClientSampleId :

EME-WM-TS001-01

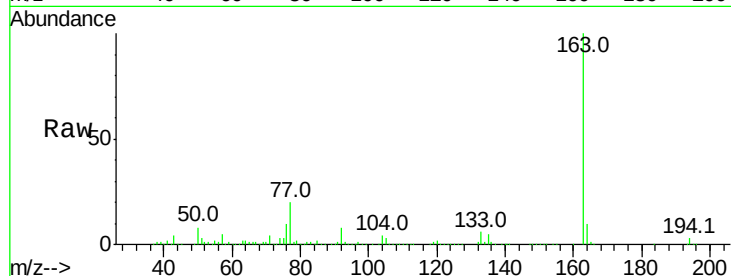
Tot Ion:163 Resp: 593012

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

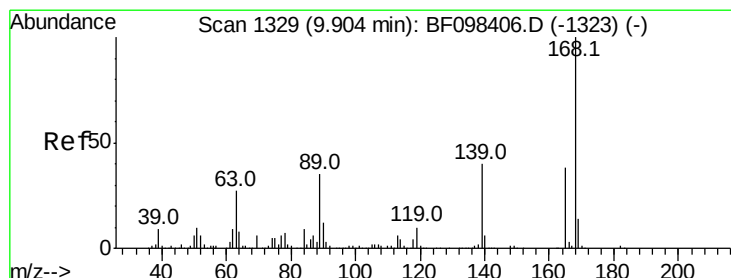
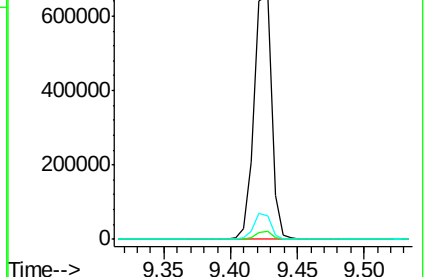
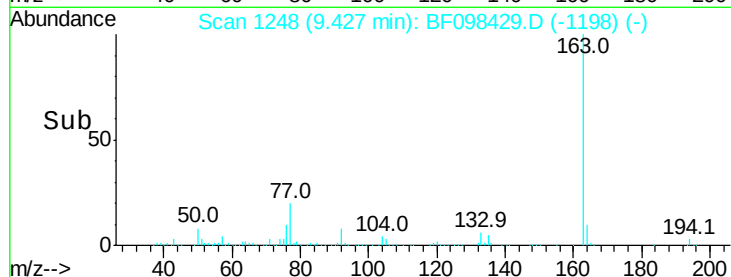
164 9.5 8.4 12.6



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: 6.837 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.21 min

Lab File: BF098429.D

Acq: 12 Sep 2017 3:47

Tgt Ion:165 Resp: 53579

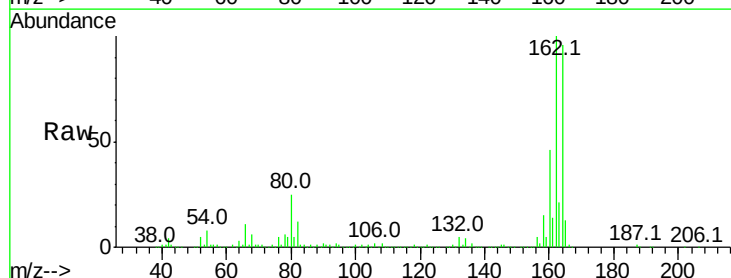
Ion Ratio Lower Upper

165 100

63 2.2 25.4 38.0#

89 1.6 46.4 69.6#

182 0.0 1.8 2.6#

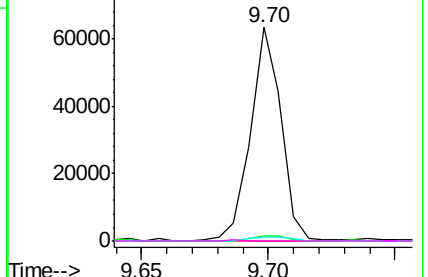
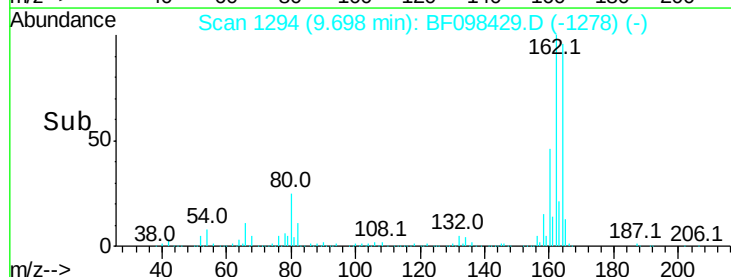


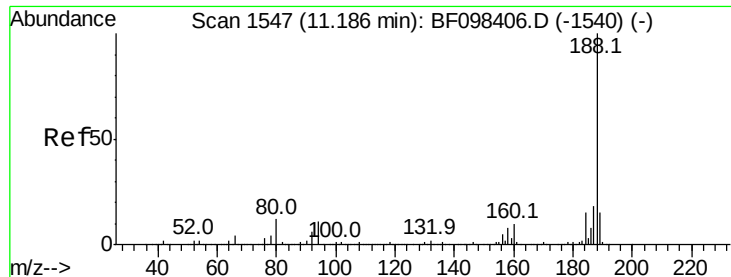
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF098429.D

Acq: 12 Sep 2017 3:47

Instrument :

BNA_F

ClientSampleId :

EME-WM-TS001-01

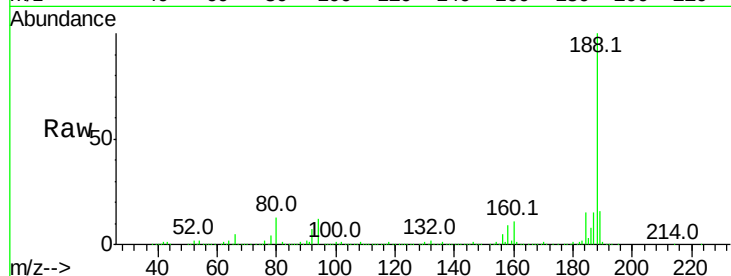
Tot Ion:188 Resp: 650678

Ion Ratio Lower Upper

188 100

94 12.1 9.4 14.2

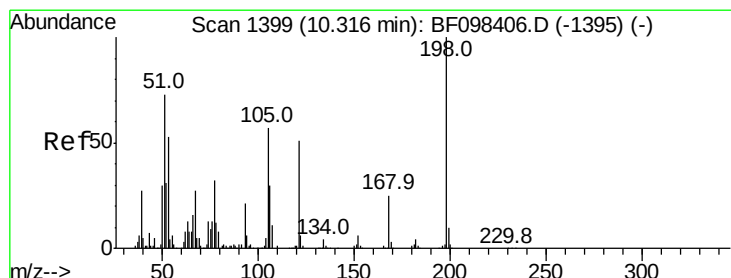
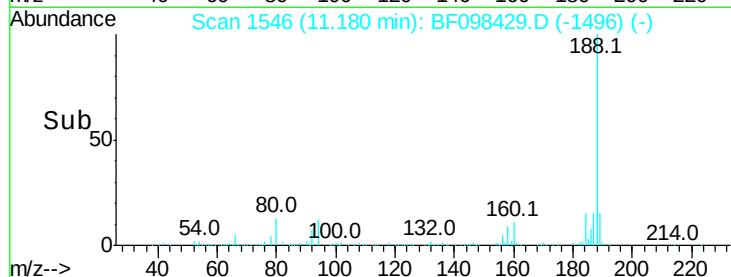
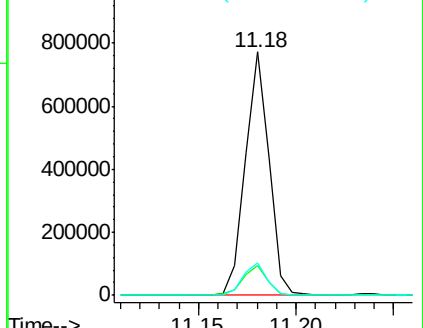
80 13.1 10.2 15.2



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: 5.210 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.18 min

Lab File: BF098429.D

Acq: 12 Sep 2017 3:47

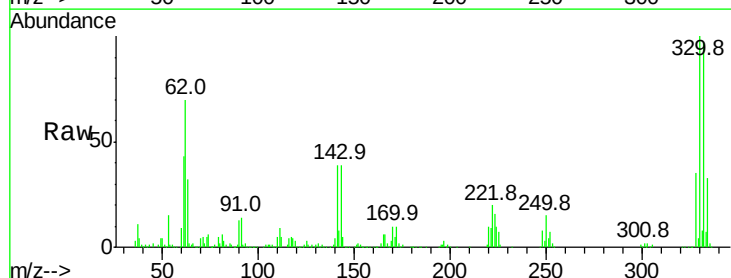
Tgt Ion:198 Resp: 1093

Ion Ratio Lower Upper

198 100

51 216.6 53.2 93.2#

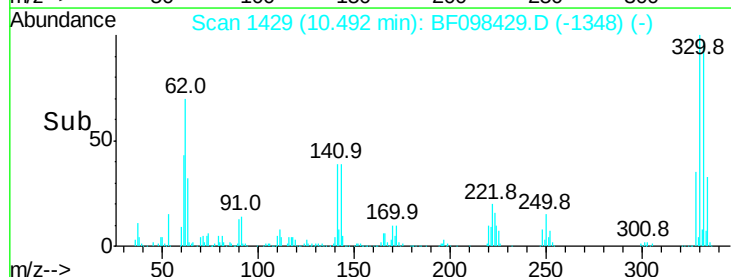
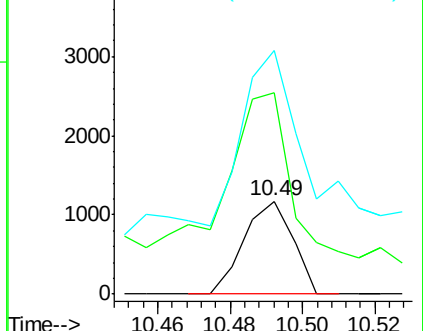
105 262.2 45.8 85.8#

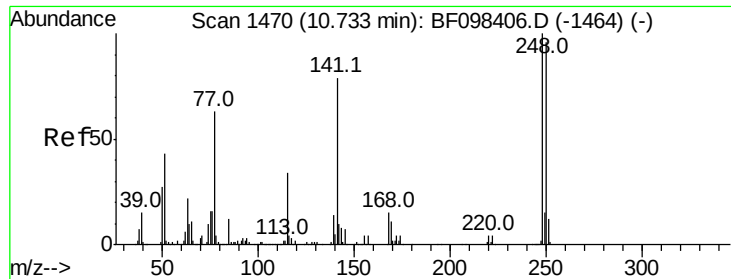


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

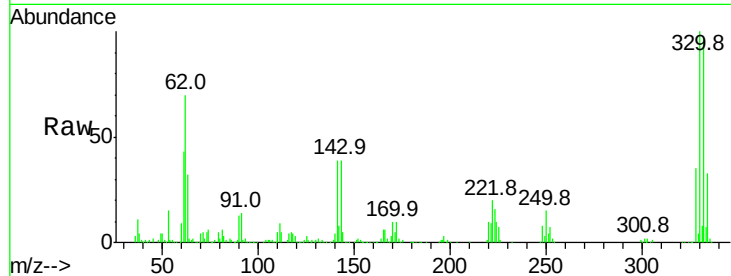




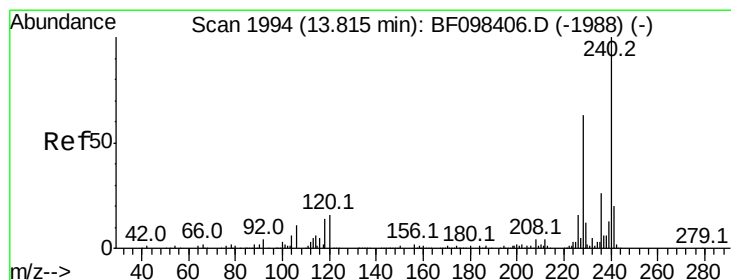
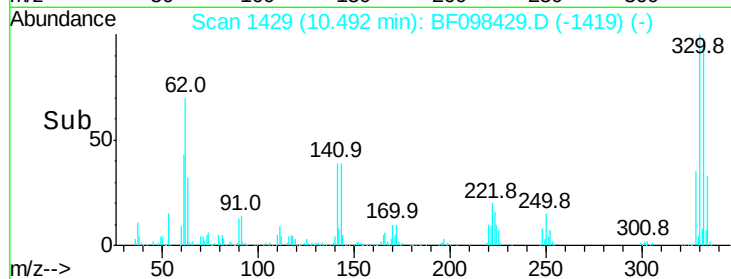
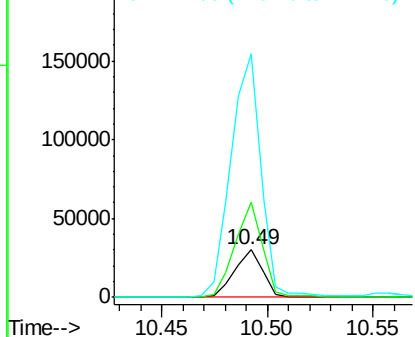
#66
4-Bromophenyl-phenylether
Concen: 4.466 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.24 min
Lab File: BF098429.D
Acq: 12 Sep 2017 3:47

Instrument :
BNA_F
ClientSampleId :
EME-WM-TS001-01

Tot Ion:248 Resp: 27578
Ion Ratio Lower Upper
248 100
250 200.1 76.8 115.2#
141 514.2 68.6 103.0#

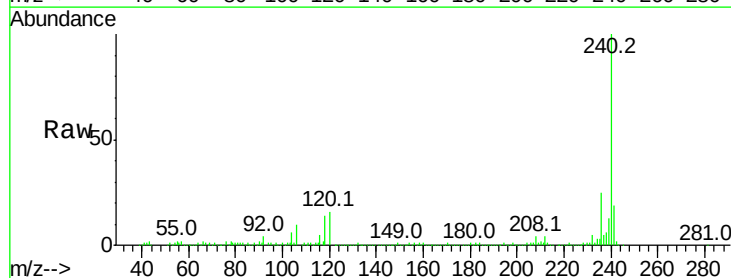


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

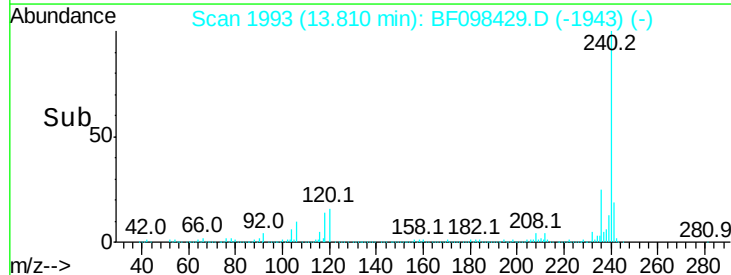
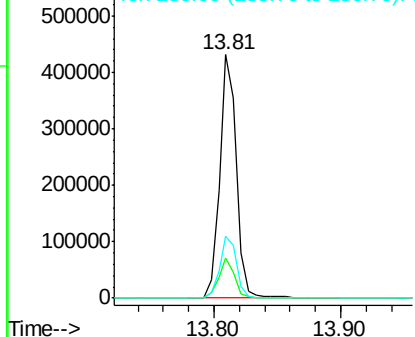


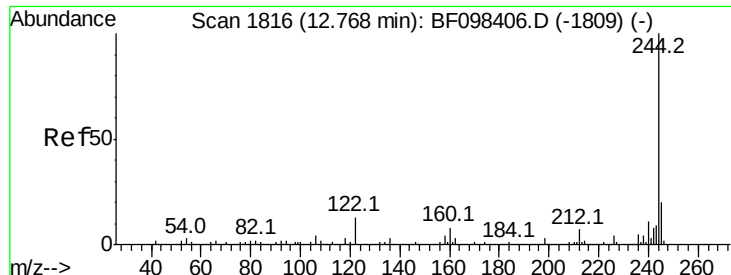
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF098429.D
Acq: 12 Sep 2017 3:47

Tgt Ion:240 Resp: 397381
Ion Ratio Lower Upper
240 100
120 16.3 5.8 8.8#
236 25.2 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: 54.045 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF098429.D

Acq: 12 Sep 2017 3:47

Instrument :

BNA_F

ClientSampleId :

EME-WM-TS001-01

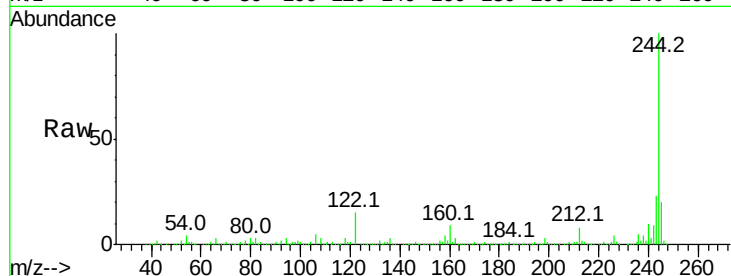
Tot Ion:244 Resp: 994980

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

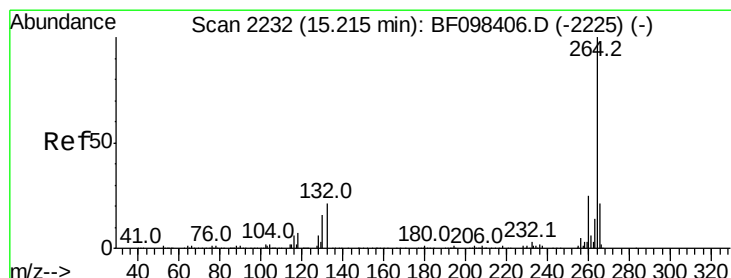
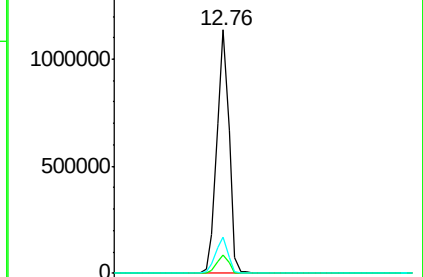
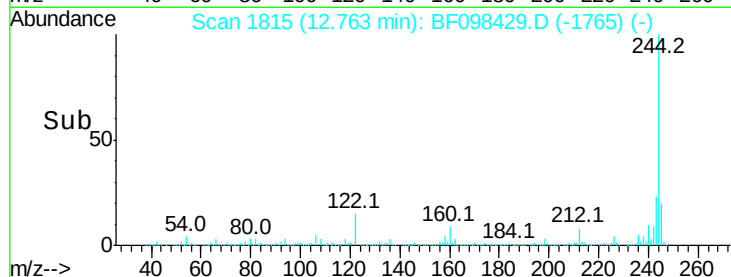
122 14.7 10.3 15.5



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: BF098429.D

Acq: 12 Sep 2017 3:47

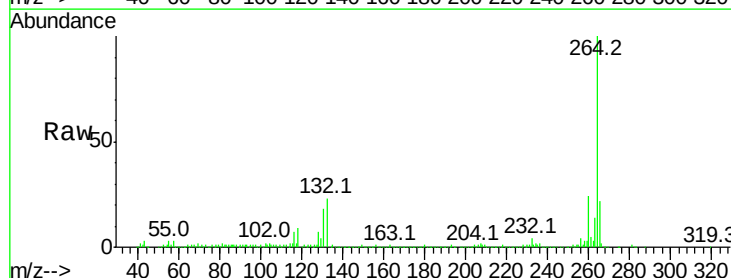
Tgt Ion:264 Resp: 396847

Ion Ratio Lower Upper

264 100

260 24.1 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

