

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
 Data File : BF123992.D
 Acq On : 19 May 2021 16:09
 Operator : JU/CG
 Sample : M2450-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-13

Quant Time: May 19 16:46:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

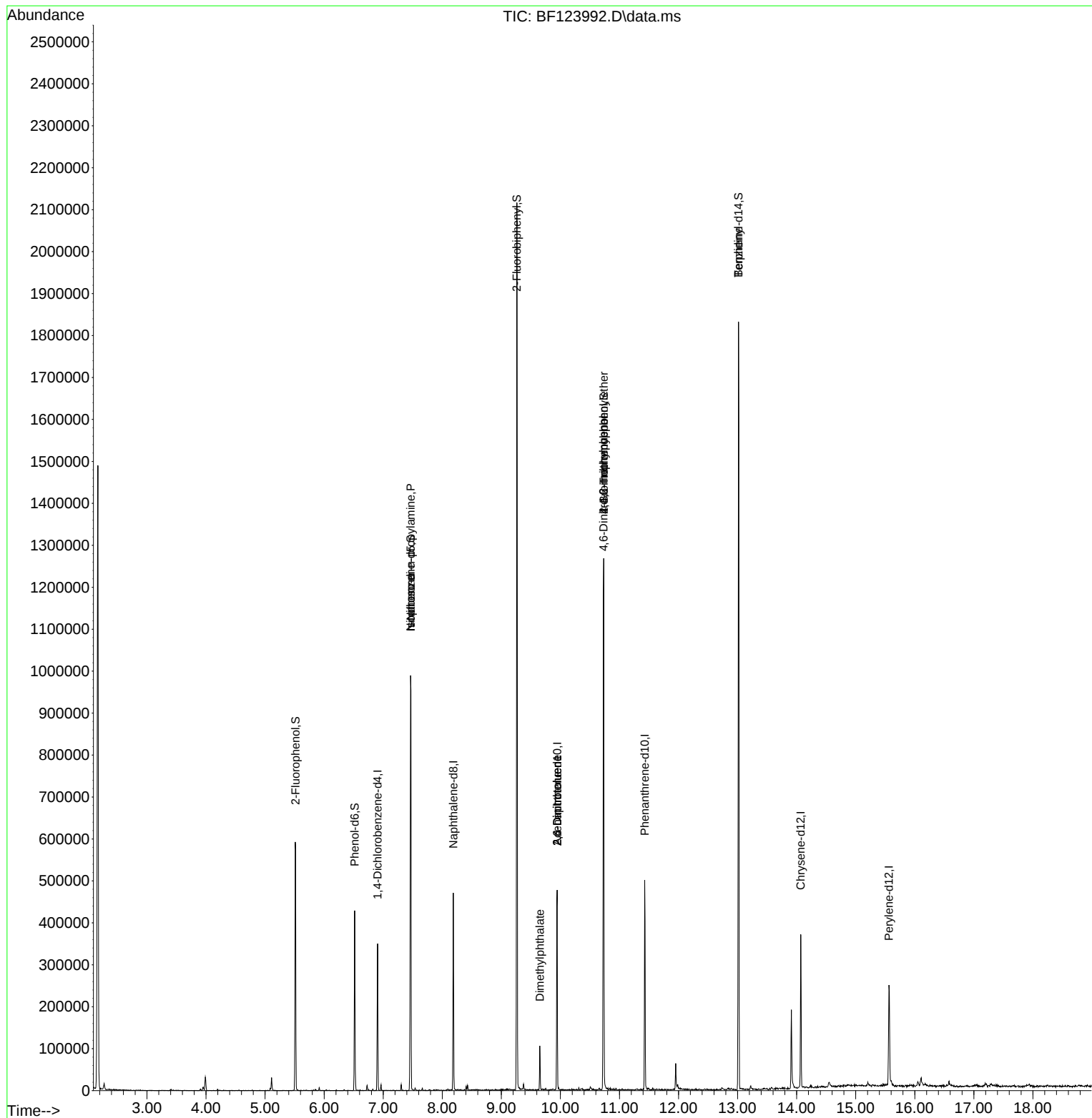
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	39949	20.00	ng	0.00
21) Naphthalene-d8	8.187	136	156290	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	84541	20.00	ng	# 0.00
64) Phenanthrene-d10	11.428	188	159507	20.00	ng	# 0.00
76) Chrysene-d12	14.069	240	107479	20.00	ng	# 0.00
86) Perylene-d12	15.563	264	105477	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	126707	44.53	ng	0.00
7) Phenol-d6	6.516	99	94341	25.56	ng	0.00
23) Nitrobenzene-d5	7.463	82	312973	86.28	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	128486	126.54	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	554934	80.78	ng	0.00
79) Terphenyl-d14	13.016	244	564867	79.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	44758	17.95	ng	# 77
25) Isophorone	7.463	82	312968	44.85	ng	# 69
50) Dimethylphthalate	9.651	163	33265	4.93	ng	# 96
51) 2,6-Dinitrotoluene	9.945	165	10904	7.99	ng	# 13
57) 2,4-Dinitrotoluene	9.945	165	10904	6.51	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.728	198	379	5.76	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	9047	4.32	ng	# 1
77) Benzidine	13.016	184	8546	3.30	ng	# 84

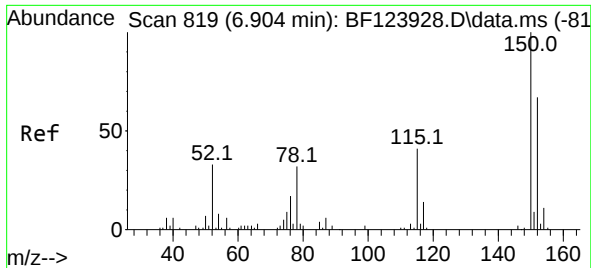
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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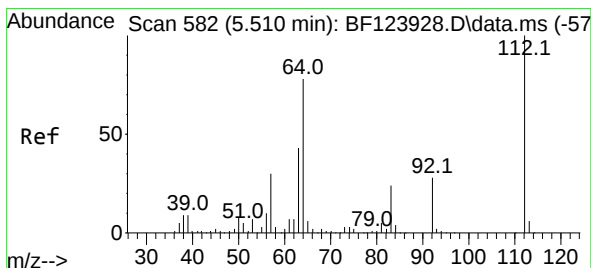
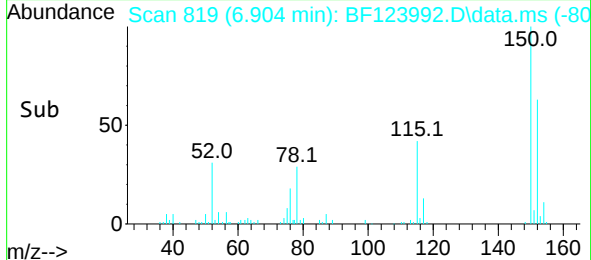
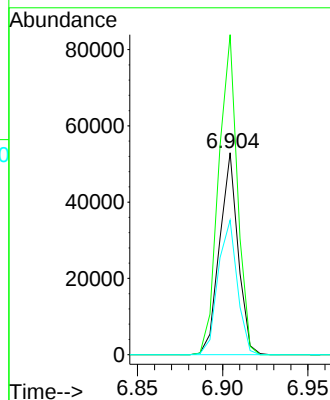
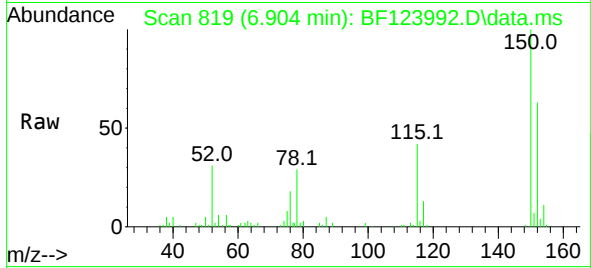




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123992.D
Acq: 19 May 2021 16:09

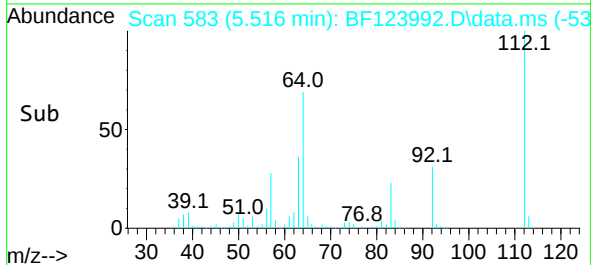
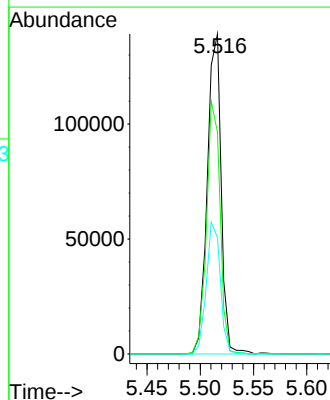
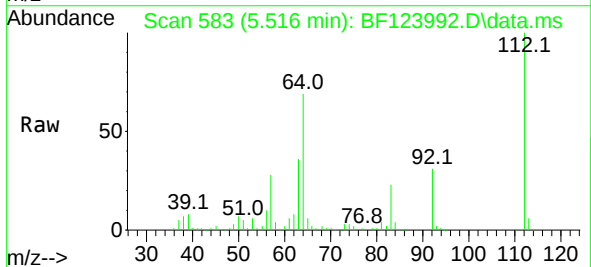
Instrument :
BNA_F
ClientSampleId :
EME-13

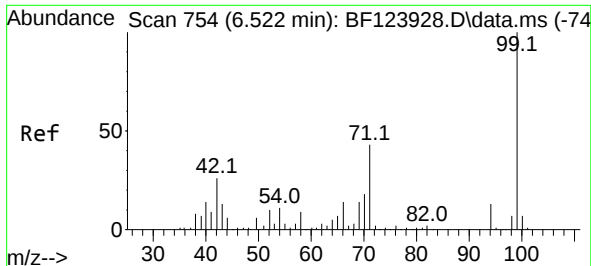
Tgt Ion:152 Resp: 39949
Ion Ratio Lower Upper
152 100
150 158.4 127.0 190.6
115 66.7 54.3 81.5



#5
2-Fluorophenol
Concen: 44.53 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123992.D
Acq: 19 May 2021 16:09

Tgt Ion:112 Resp: 126707
Ion Ratio Lower Upper
112 100
64 69.3 61.4 92.0
63 36.4 33.0 49.4

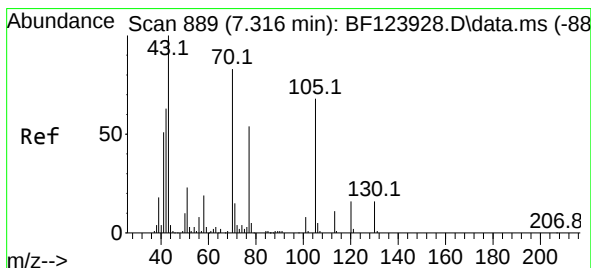
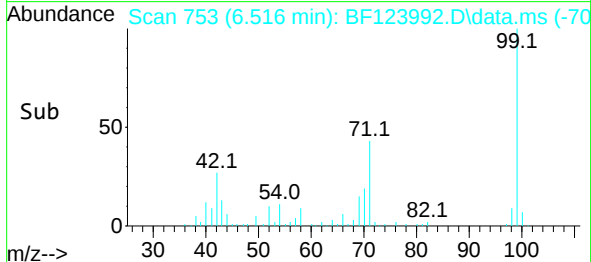
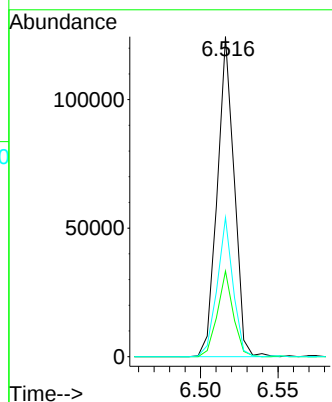
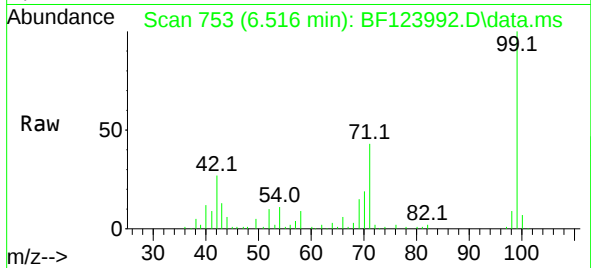




#7
Phenol-d6
Concen: 25.56 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF123992.D
Acq: 19 May 2021 16:09

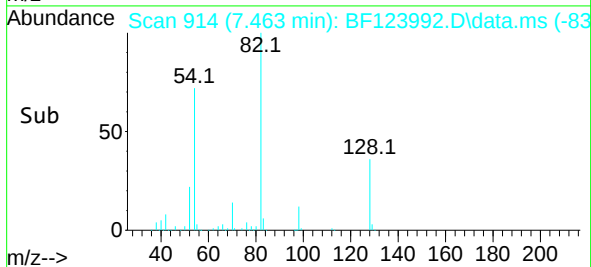
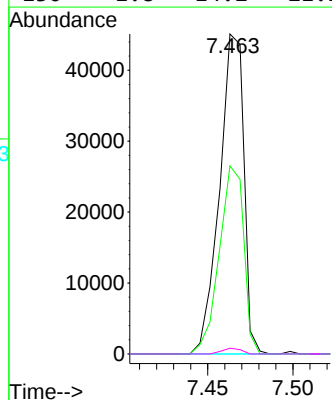
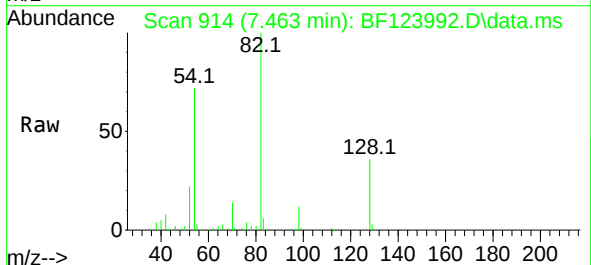
Instrument :
BNA_F
ClientSampleId :
EME-13

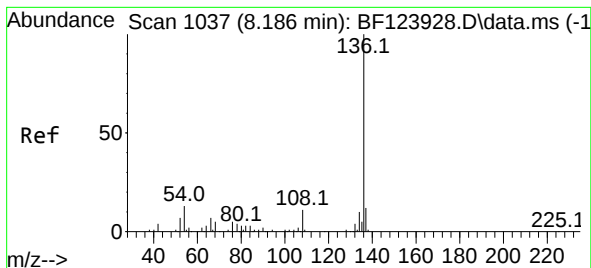
Tgt Ion: 99 Resp: 94341
Ion Ratio Lower Upper
99 100
42 26.8 19.8 29.8
71 43.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.95 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123992.D
Acq: 19 May 2021 16:09

Tgt Ion: 70 Resp: 44758
Ion Ratio Lower Upper
70 100
42 58.8 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#

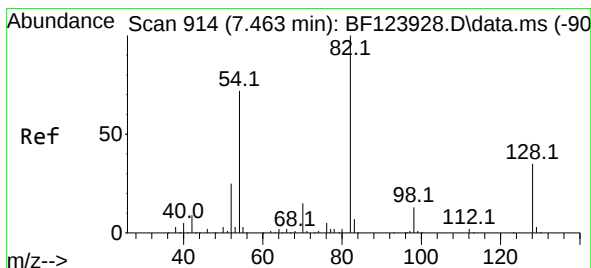
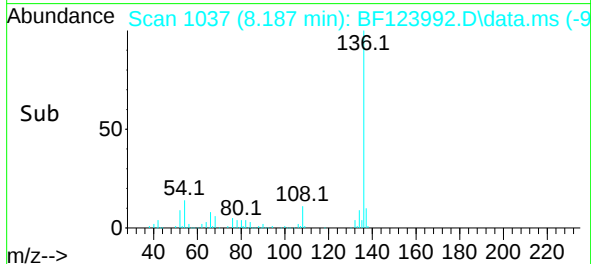
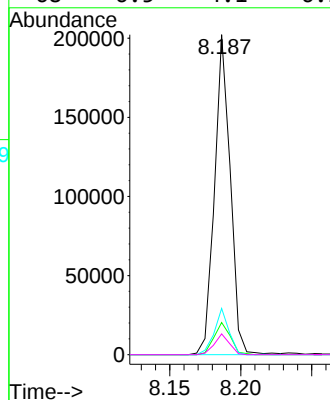
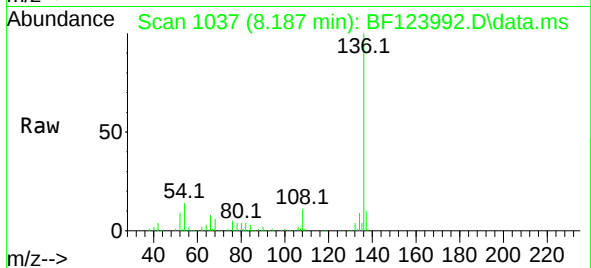




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.001 min
Lab File: BF123992.D
Acq: 19 May 2021 16:09

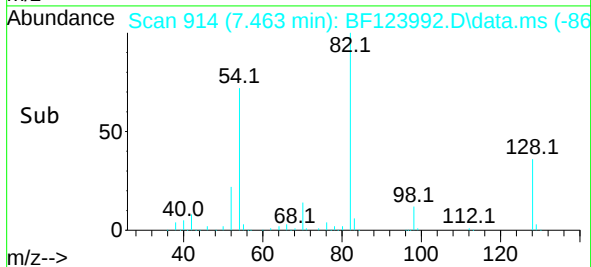
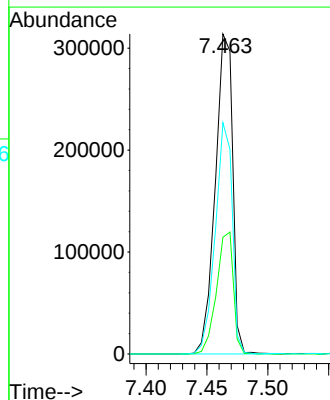
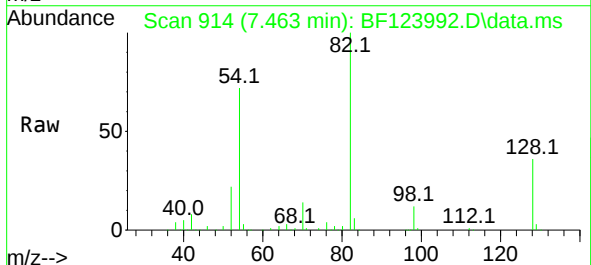
Instrument :
BNA_F
ClientSampled :
EME-13

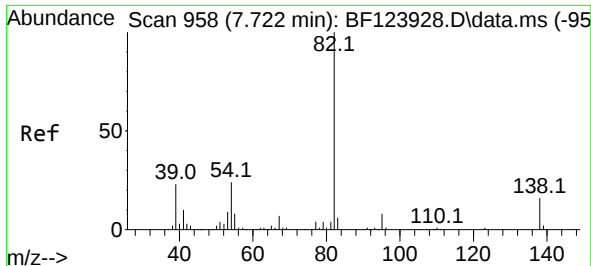
Tgt Ion:136	Resp: 156290
Ion Ratio	Lower Upper
136 100	
137 10.1	8.7 13.1
54 14.5	9.8 14.6
68 6.5	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 86.28 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123992.D
Acq: 19 May 2021 16:09

Tgt Ion: 82	Resp: 312973
Ion Ratio	Lower Upper
82 100	
128 36.4	29.4 44.2
54 72.3	54.1 81.1

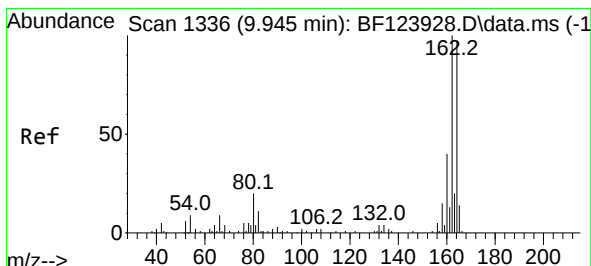
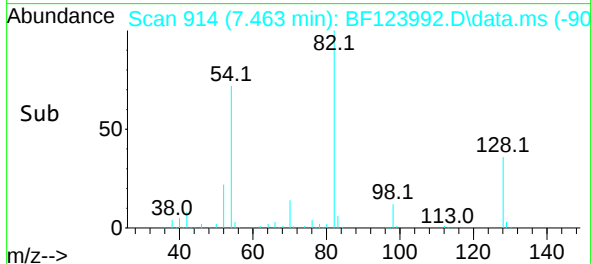
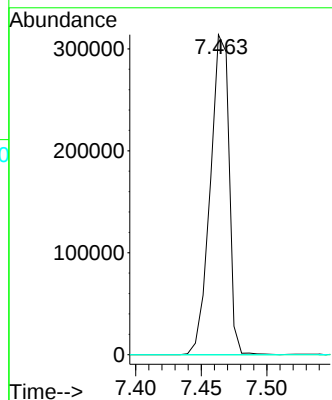
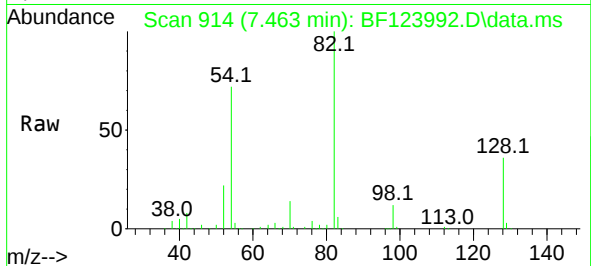




#25
Isophorone
Concen: 44.85 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123992.D
Acq: 19 May 2021 16:09

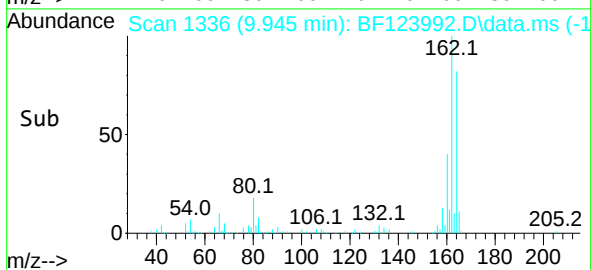
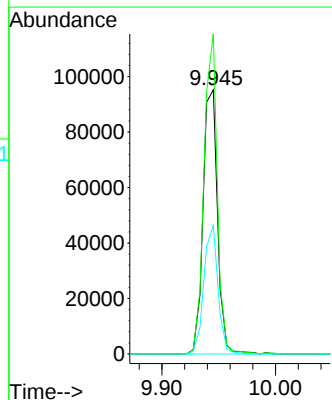
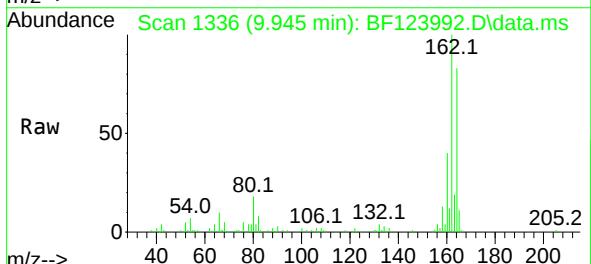
Instrument :
BNA_F
ClientSampleId :
EME-13

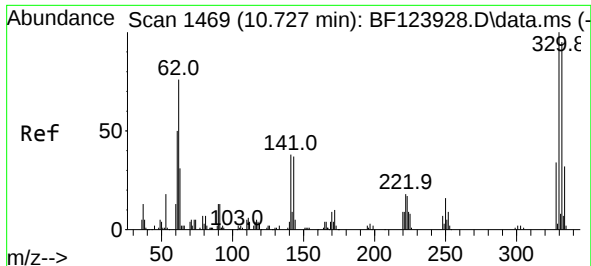
Tgt Ion: 82 Resp: 312968
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123992.D
Acq: 19 May 2021 16:09

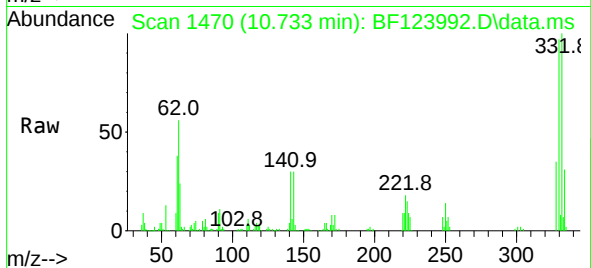
Tgt Ion:164 Resp: 84541
Ion Ratio Lower Upper
164 100
162 121.1 80.7 121.1#
160 48.7 37.3 55.9



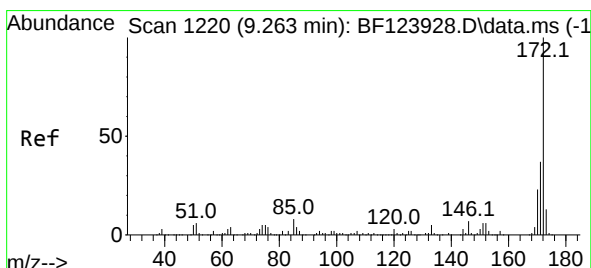
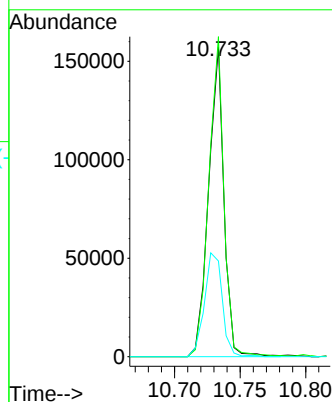
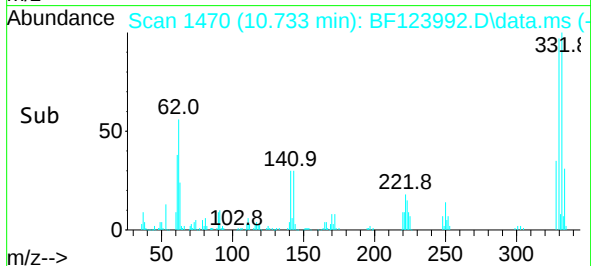


#42
2,4,6-Tribromophenol
Concen: 126.54 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.006 min
Lab File: BF123992.D
Acq: 19 May 2021 16:09

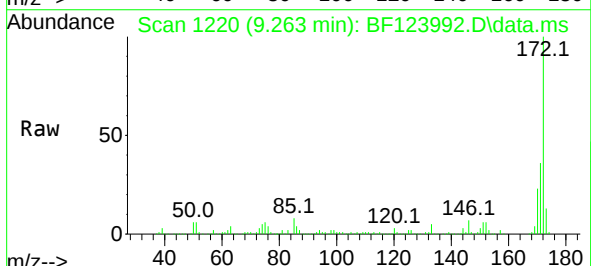
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ClientSampleId :
EME-13



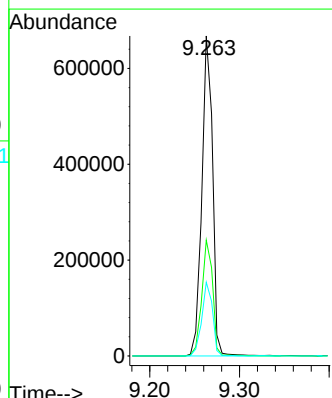
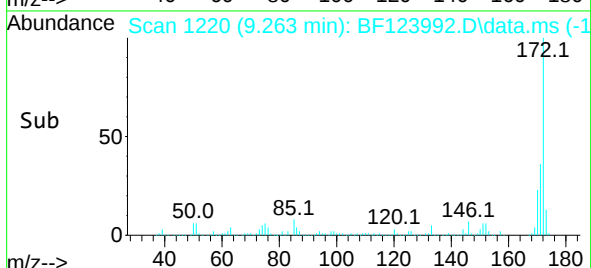
Tgt Ion: 330 Resp: 128486
Ion Ratio Lower Upper
330 100
332 101.6 77.1 115.7
141 39.0 27.9 41.9

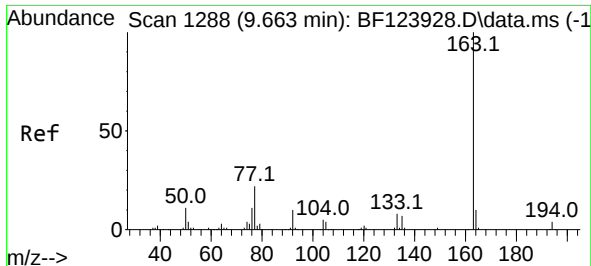


#45
2-Fluorobiphenyl
Concen: 80.78 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123992.D
Acq: 19 May 2021 16:09



Tgt Ion: 172 Resp: 554934
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 23.1 19.2 28.8

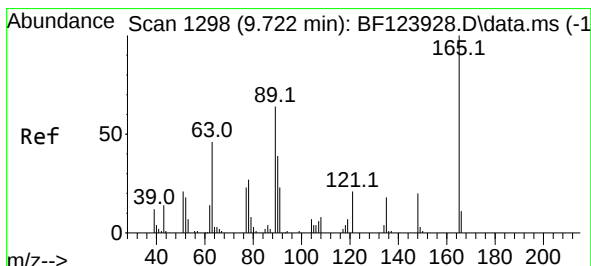
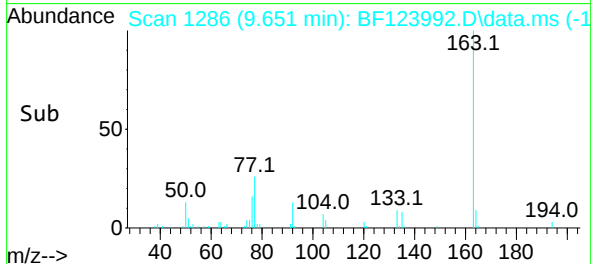
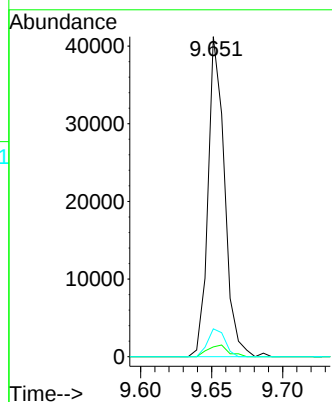
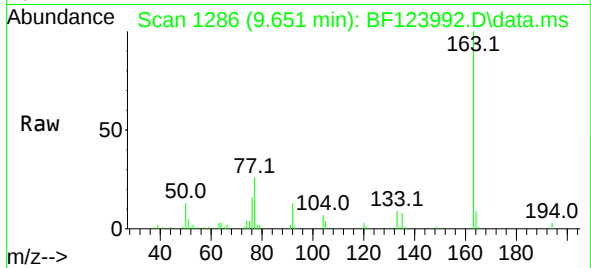




#50
Dimethylphthalate
Concen: 4.93 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123992.D
Acq: 19 May 2021 16:09

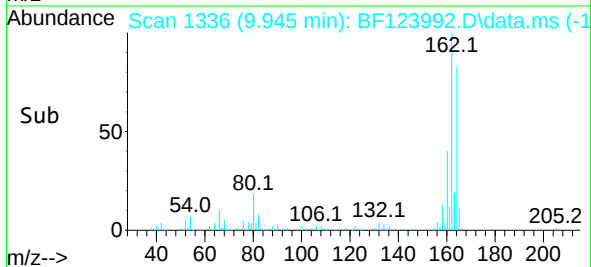
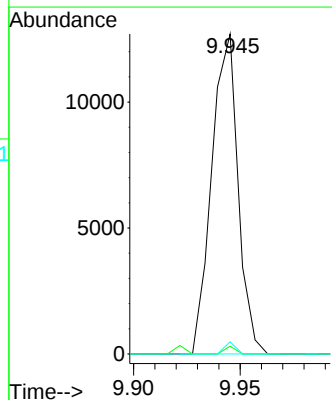
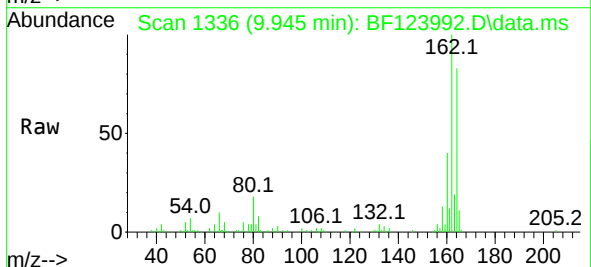
Instrument :
BNA_F
ClientSampled :
EME-13

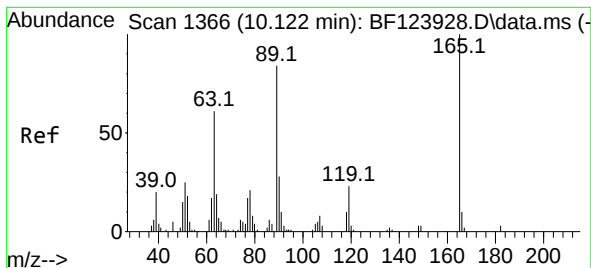
Tgt Ion:163 Resp: 33265
Ion Ratio Lower Upper
163 100
194 3.0 3.1 4.7#
164 8.7 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 7.99 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.224 min
Lab File: BF123992.D
Acq: 19 May 2021 16:09

Tgt Ion:165 Resp: 10904
Ion Ratio Lower Upper
165 100
63 2.4 67.7 101.5#
89 3.8 58.8 88.2#

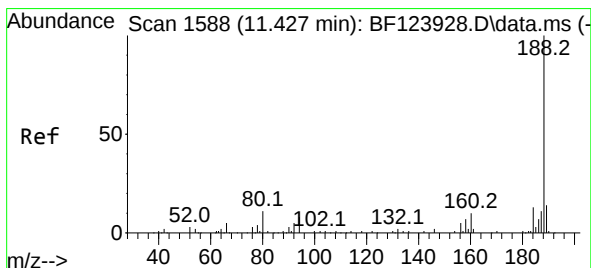
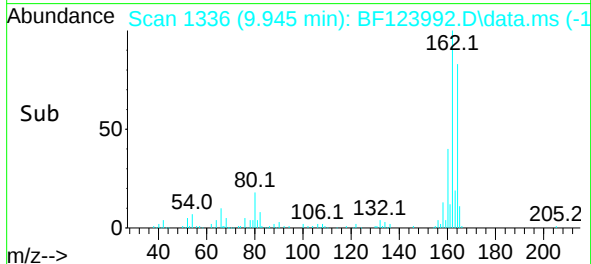
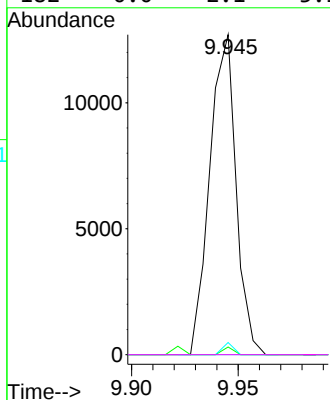
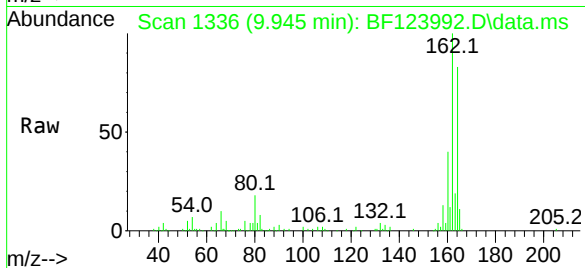




#57
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.176 min
Lab File: BF123992.D
Acq: 19 May 2021 16:09

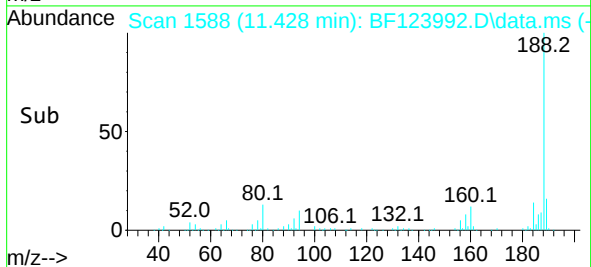
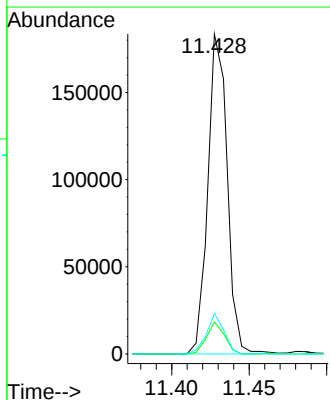
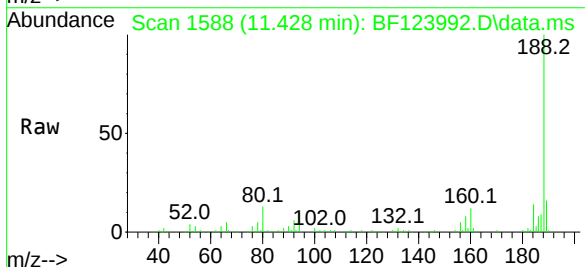
Instrument :
BNA_F
ClientSampled :
EME-13

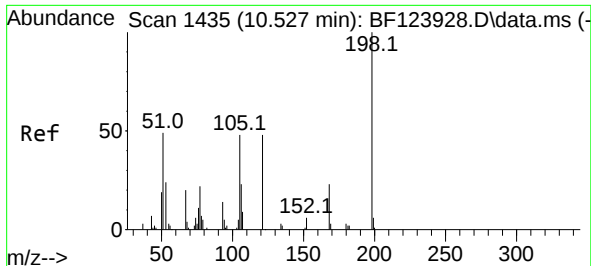
Tgt Ion:	165	Resp:	10904
Ion Ratio	Lower	Upper	
165	100		
63	2.4	43.5	65.3#
89	3.8	67.7	101.5#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.428 min Scan# 1588
Delta R.T. 0.001 min
Lab File: BF123992.D
Acq: 19 May 2021 16:09

Tgt Ion:	188	Resp:	159507
Ion Ratio	Lower	Upper	
188	100		
94	10.0	6.9	10.3
80	12.6	8.2	12.2#

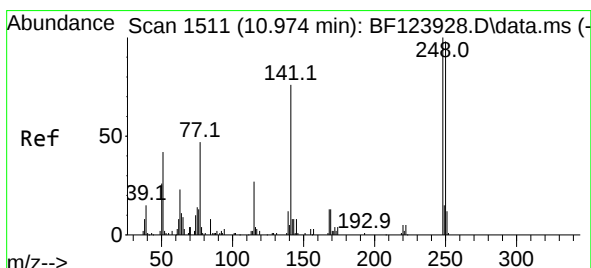
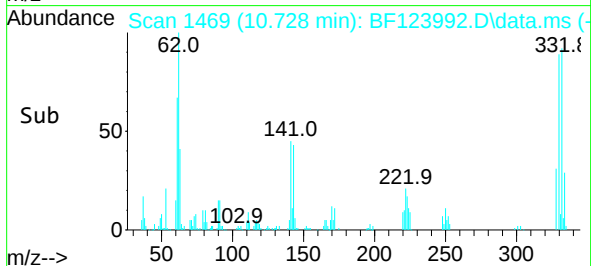
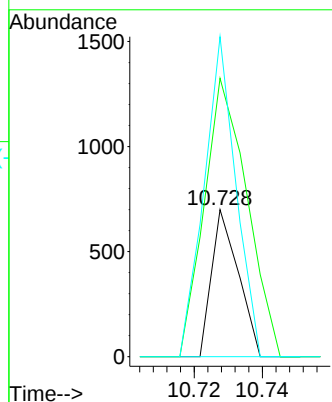
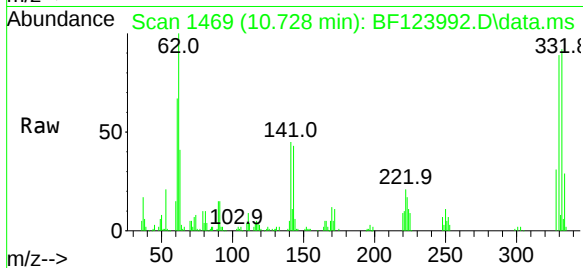




#65
4,6-Dinitro-2-methylphenol
Concen: 5.76 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.201 min
Lab File: BF123992.D
Acq: 19 May 2021 16:09

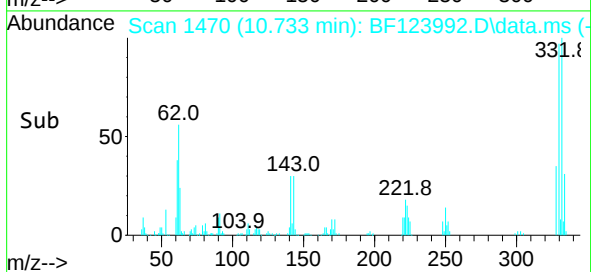
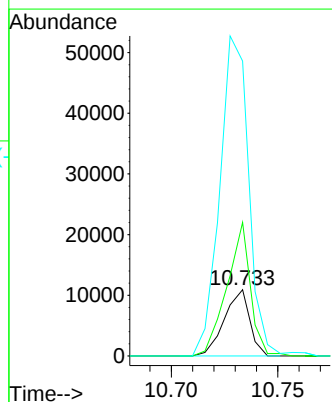
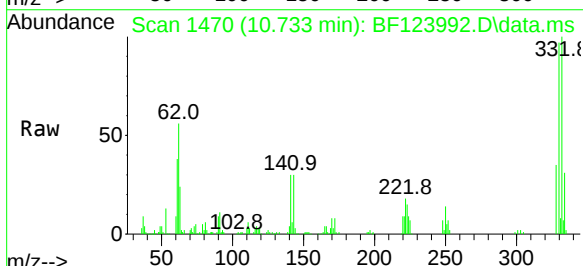
Instrument :
BNA_F
ClientSampled :
EME-13

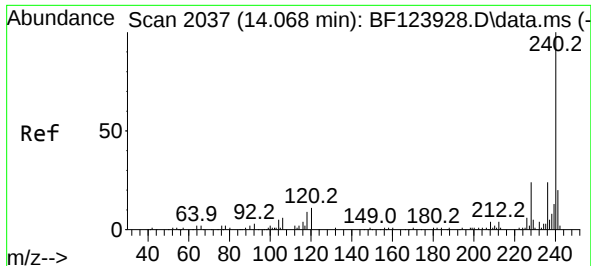
Tgt Ion:198 Resp: 379
Ion Ratio Lower Upper
198 100
51 189.3 64.8 104.8#
105 217.6 42.6 82.6#



#67
4-Bromophenyl-phenylether
Concen: 4.32 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.241 min
Lab File: BF123992.D
Acq: 19 May 2021 16:09

Tgt Ion:248 Resp: 9047
Ion Ratio Lower Upper
248 100
250 201.7 77.4 116.2#
141 445.4 63.7 95.5#

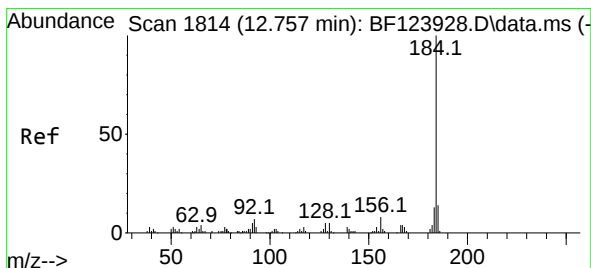
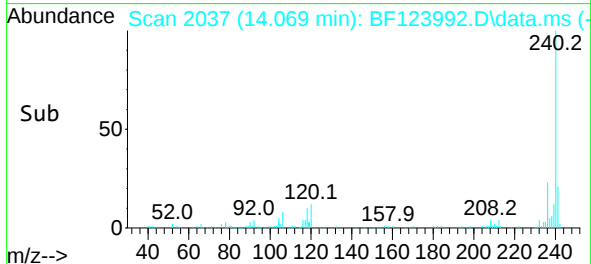
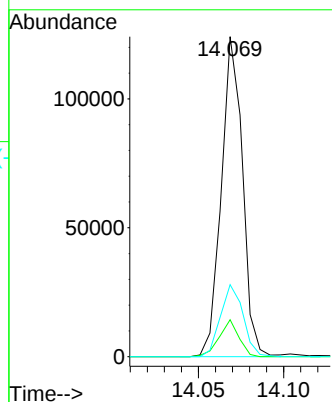
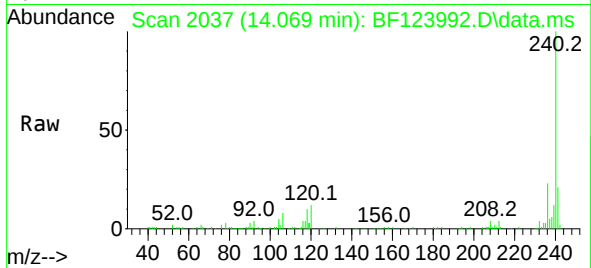




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.069 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF123992.D
Acq: 19 May 2021 16:09

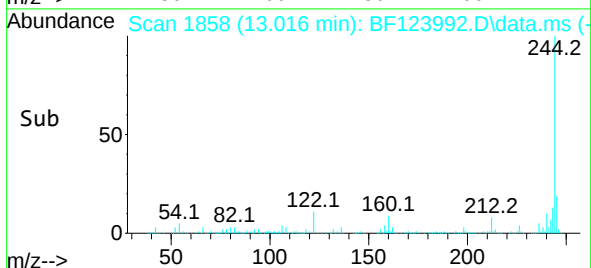
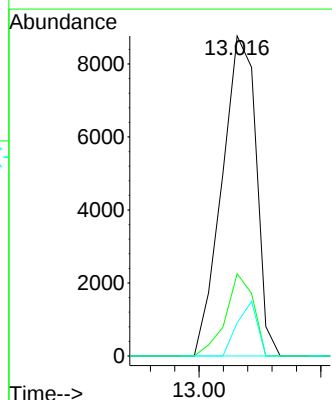
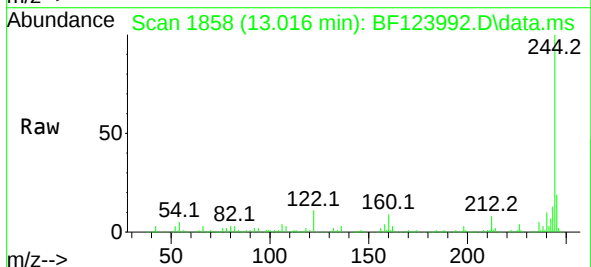
Instrument :
BNA_F
ClientSampleId :
EME-13

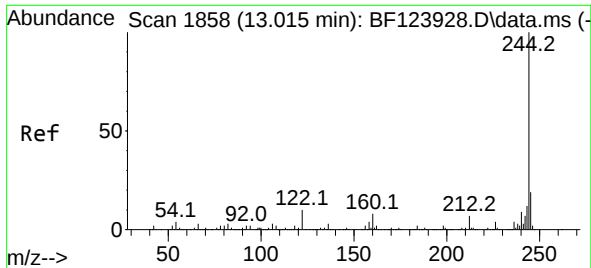
Tgt Ion:240 Resp: 107479
Ion Ratio Lower Upper
240 100
120 11.5 7.2 10.8#
236 22.5 19.0 28.4



#77
Benzidine
Concen: 3.30 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.259 min
Lab File: BF123992.D
Acq: 19 May 2021 16:09

Tgt Ion:184 Resp: 8546
Ion Ratio Lower Upper
184 100
185 25.7 12.1 18.1#
183 10.4 7.8 11.8

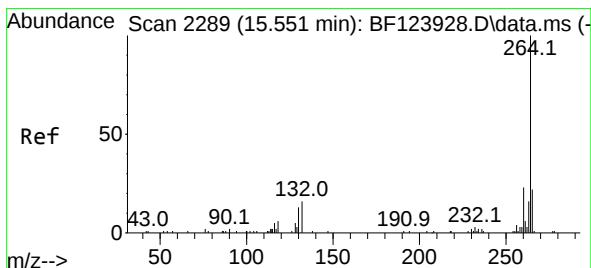
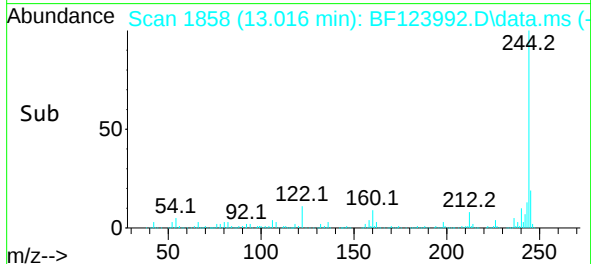
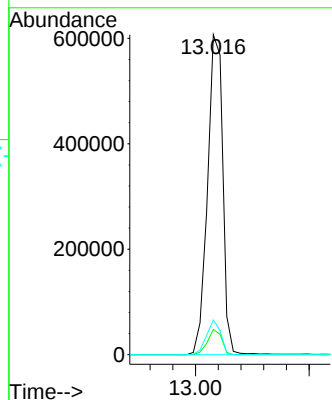
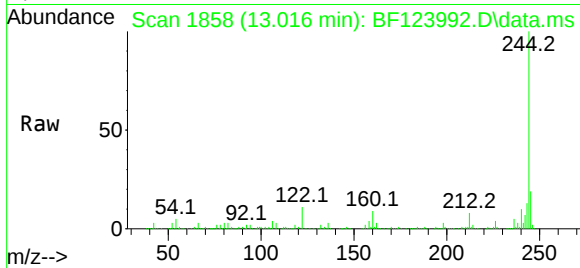




#79
 Terphenyl-d14
 Concen: 79.60 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: BF123992.D
 Acq: 19 May 2021 16:09

Instrument :
 BNA_F
 ClientSampleId :
 EME-13

Tgt Ion:244 Resp: 564867
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 10.9 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.563 min Scan# 2291
 Delta R.T. 0.012 min
 Lab File: BF123992.D
 Acq: 19 May 2021 16:09

Tgt Ion:264 Resp: 105477
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 19.4 17.8 26.8

