

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
 Data File : BF123836.D
 Acq On : 5 May 2021 19:42
 Operator : JU/CG
 Sample : M2279-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-18

Quant Time: May 06 00:51:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 13:09:28 2021
 Response via : Initial Calibration

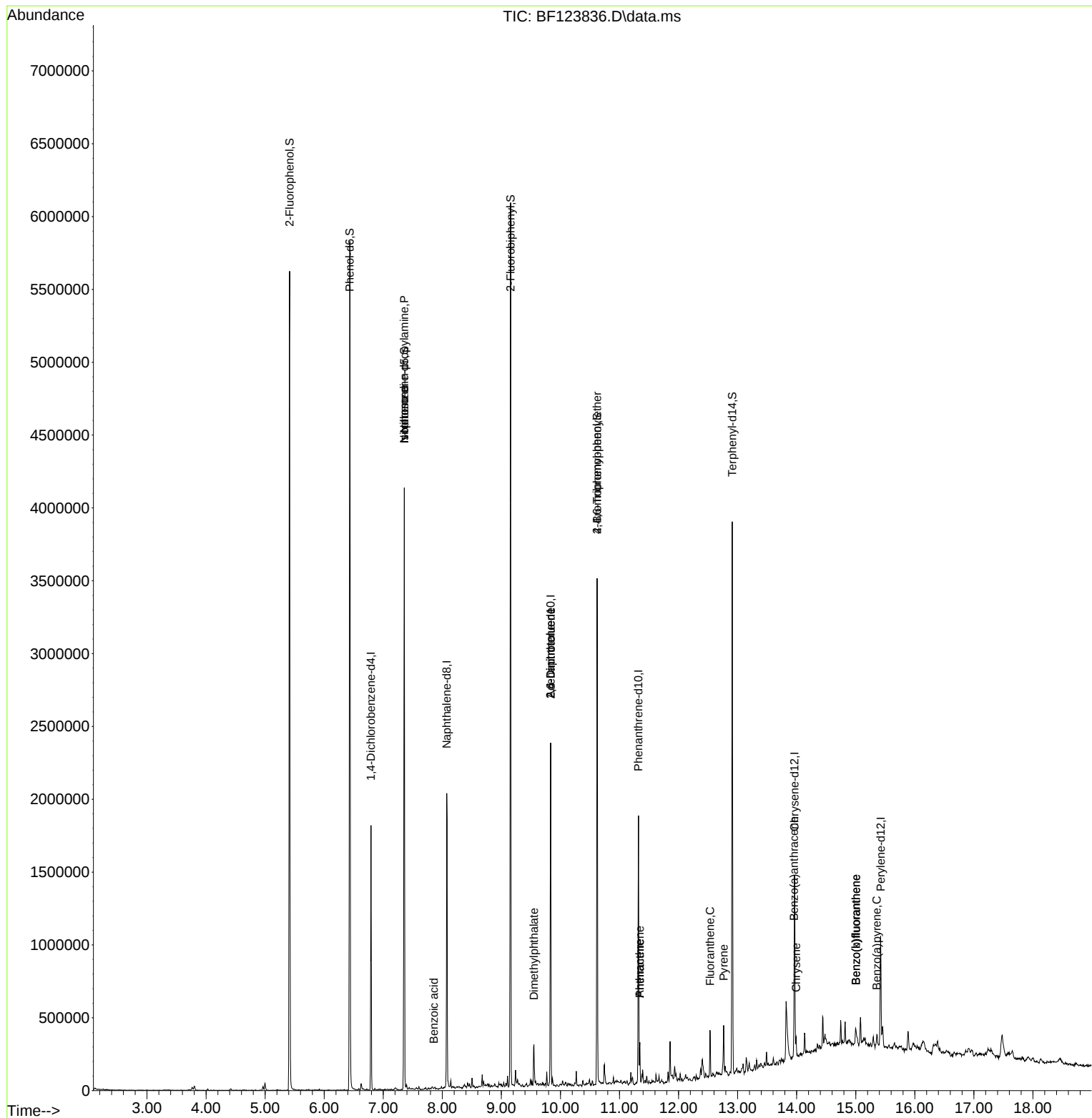
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	213089	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	819601	20.00	ng	0.00
39) Acenaphthene-d10	9.833	164	382655	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	602469	20.00	ng	0.00
76) Chrysene-d12	13.963	240	421896	20.00	ng	-0.01
86) Perylene-d12	15.421	264	328248	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1296677	96.40	ng	0.00
7) Phenol-d6	6.434	99	1685902	90.99	ng	0.00
23) Nitrobenzene-d5	7.357	82	1150881	63.39	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	381504	80.09	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1570627	59.77	ng	0.00
79) Terphenyl-d14	12.910	244	1117566	51.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.357	70	156318	13.66	ng	# 71
25) Isophorone	7.357	82	1150869	33.81	ng	# 69
32) Benzoic acid	7.857	122	988	5.50	ng	# 26
50) Dimethylphthalate	9.551	163	90838	3.37	ng	# 98
51) 2,6-Dinitrotoluene	9.833	165	51719	8.30	ng	# 12
57) 2,4-Dinitrotoluene	9.833	165	51719	6.09	ng	# 17
67) 4-Bromophenyl-phenylether	10.622	248	20637	3.25	ng	# 1
71) Phenanthrene	11.345	178	92677	2.93	ng	97
72) Anthracene	11.345	178	92677	2.95	ng	97
75) Fluoranthene	12.533	202	116633	3.38	ng	99
78) Pyrene	12.763	202	130277	3.98	ng	98
81) Benzo(a)anthracene	13.957	228	56237	2.20	ng	96
83) Chrysene	13.992	228	59894	2.33	ng	94
88) Benzo(b)fluoranthene	15.004	252	72277	3.27	ng	# 93
89) Benzo(k)fluoranthene	15.004	252	71931	3.41	ng	# 94
90) Benzo(a)pyrene	15.357	252	39265	2.08	ng	# 90

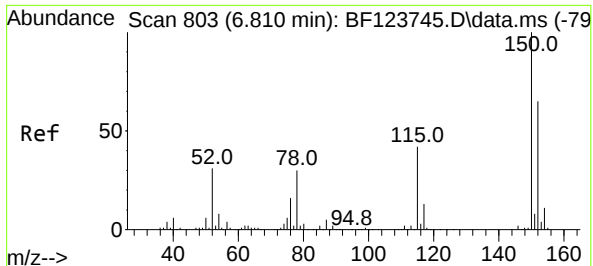
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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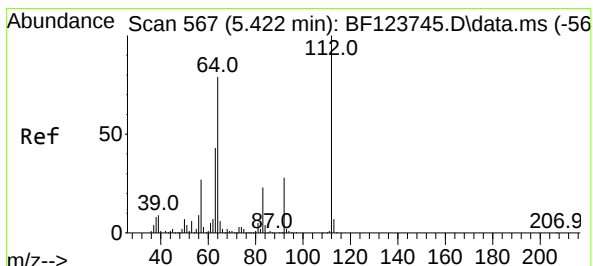
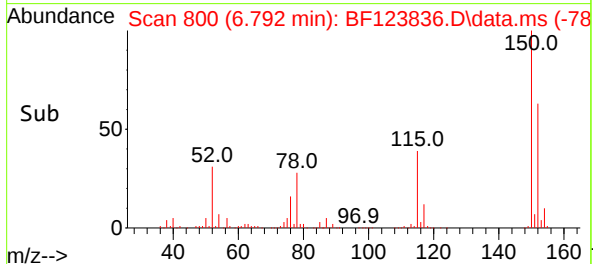
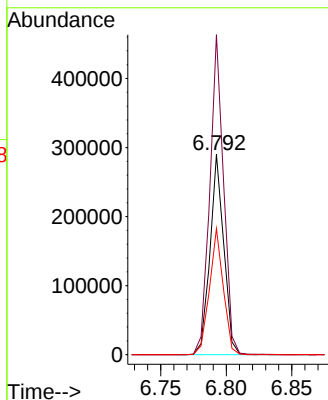
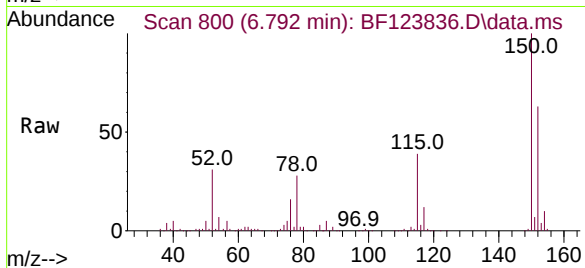




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

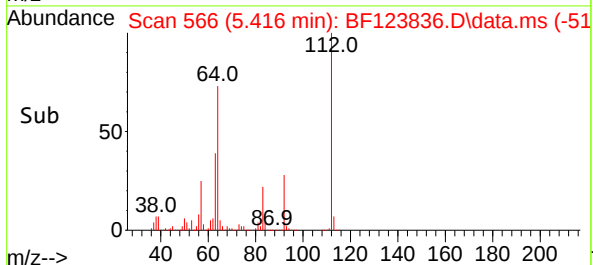
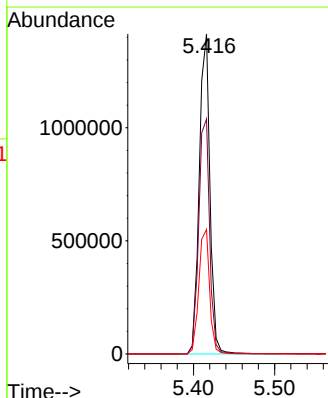
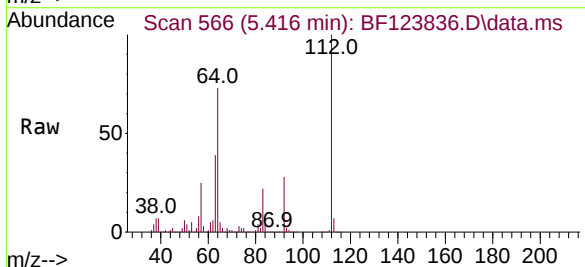
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BNA_F
ClientSampleId :
EME-18

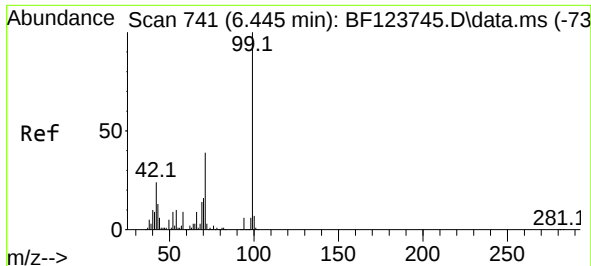
Tgt Ion:152 Resp: 213089
Ion Ratio Lower Upper
152 100
150 159.8 127.0 190.6
115 63.0 54.3 81.5



#5
2-Fluorophenol
Concen: 96.40 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

Tgt Ion:112 Resp: 1296677
Ion Ratio Lower Upper
112 100
64 73.5 61.4 92.0
63 38.9 33.0 49.4

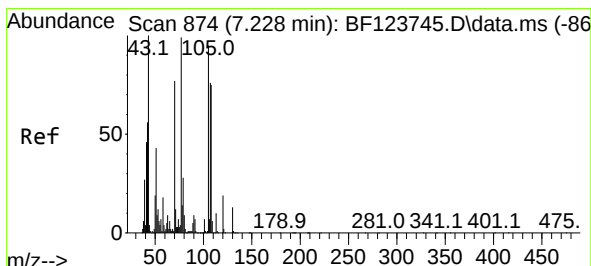
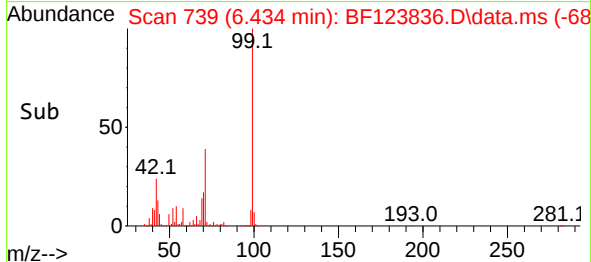
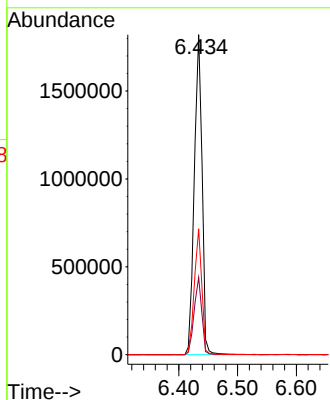
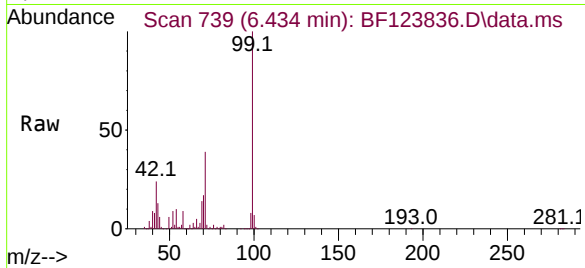




#7
Phenol-d6
Concen: 90.99 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

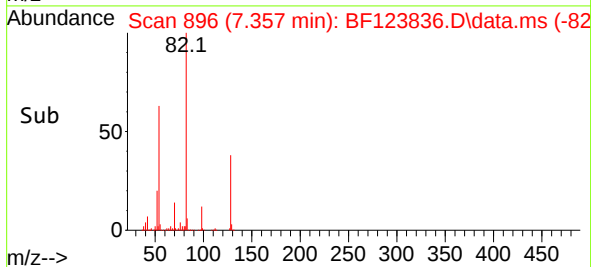
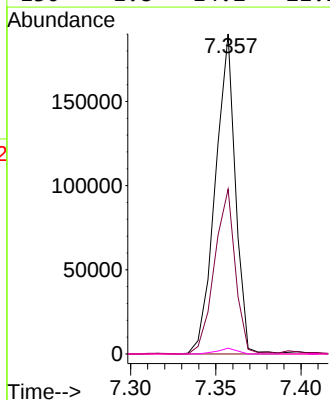
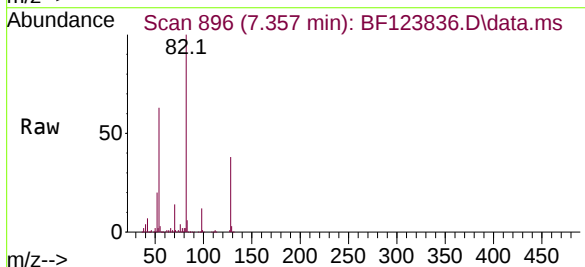
Instrument :
BNA_F
ClientSampled :
EME-18

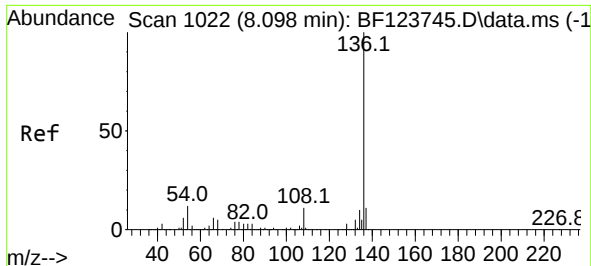
Tgt Ion: 99 Resp: 1685902
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.8
71 39.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.66 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

Tgt Ion: 70 Resp: 156318
Ion Ratio Lower Upper
70 100
42 51.5 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#



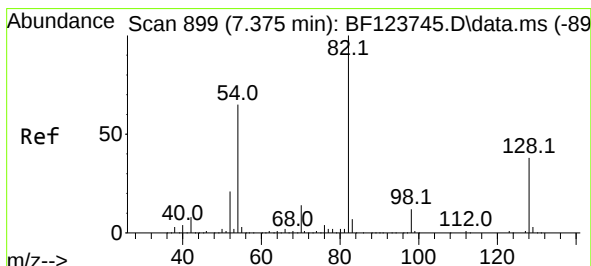
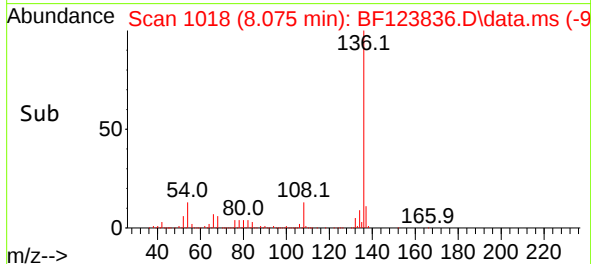
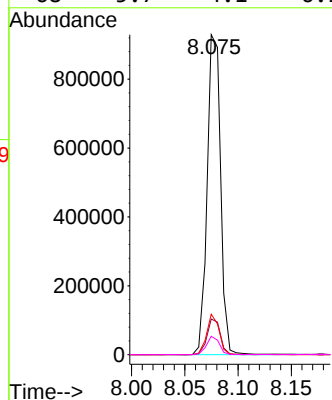
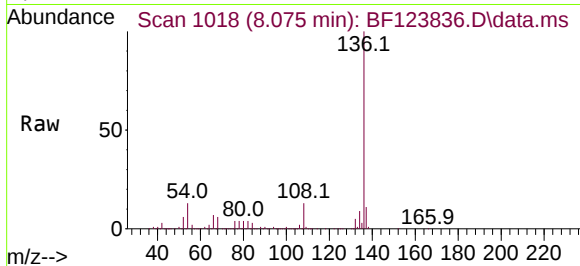


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

Instrument :
BNA_F
ClientSampled :
EME-18

Tgt Ion:136 Resp: 819601

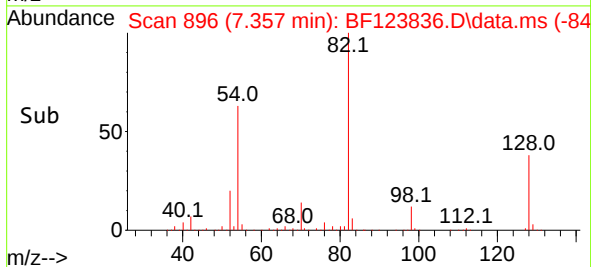
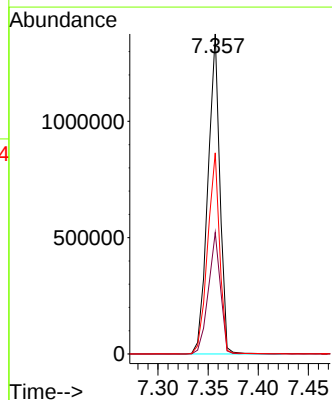
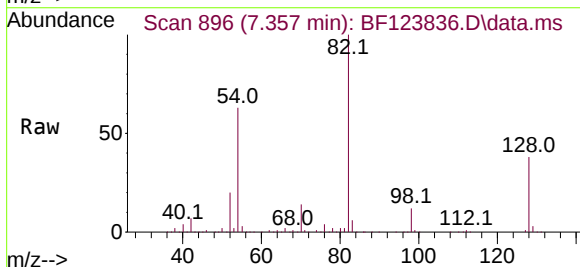
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	12.7	9.8	14.6
68	5.7	4.1	6.1

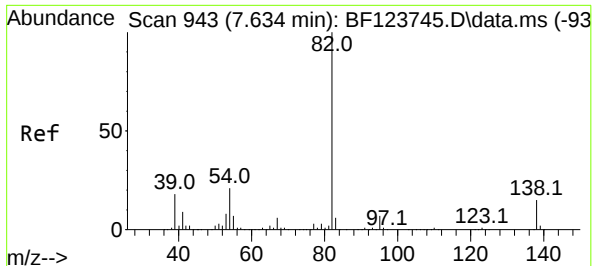


#23
Nitrobenzene-d5
Concen: 63.39 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

Tgt Ion: 82 Resp: 1150881

Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.4	44.2
54	62.9	54.1	81.1

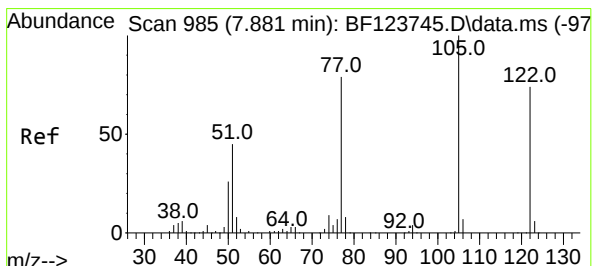
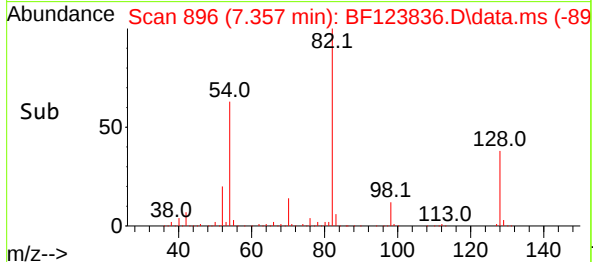
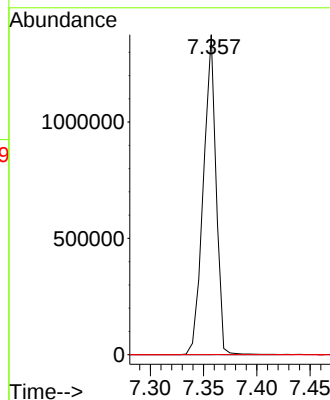
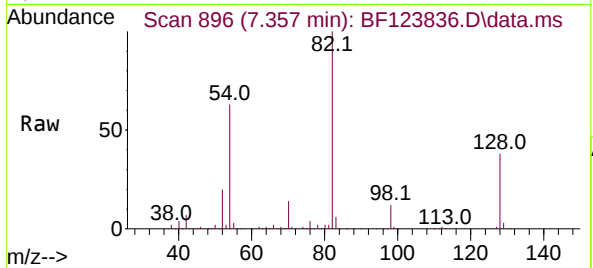




#25
Isophorone
Concen: 33.81 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

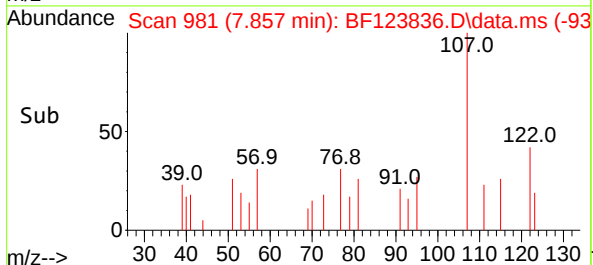
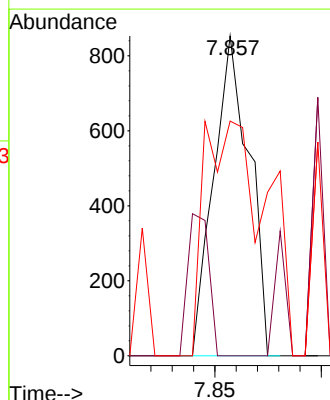
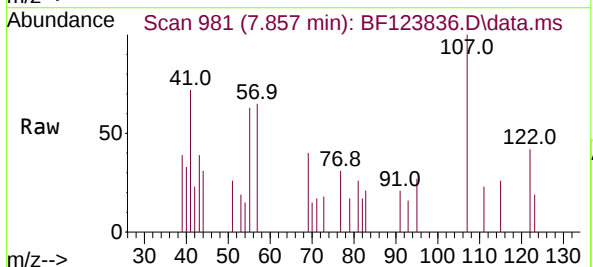
Instrument :
BNA_F
ClientSampled :
EME-18

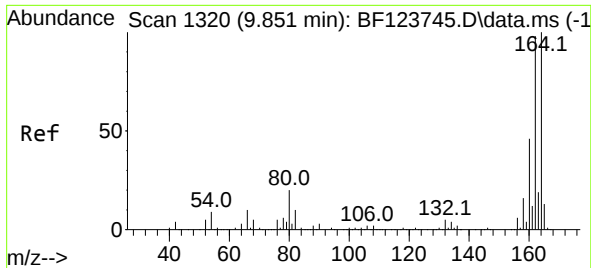
Tgt Ion: 82 Resp: 1150869
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.50 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.018 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

Tgt Ion: 122 Resp: 988
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 73.4 81.6 121.6#

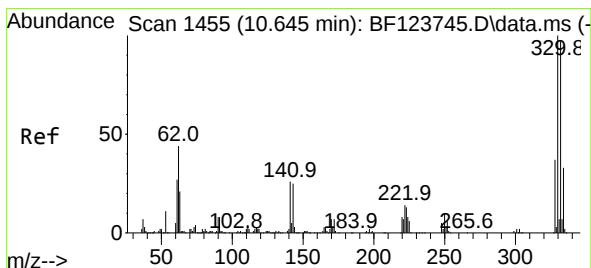
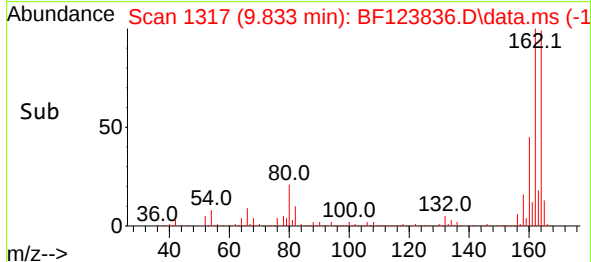
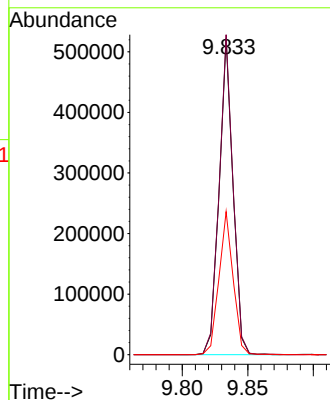
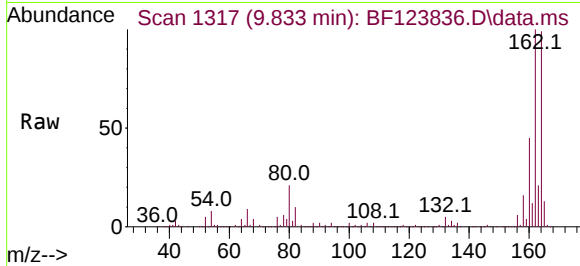




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

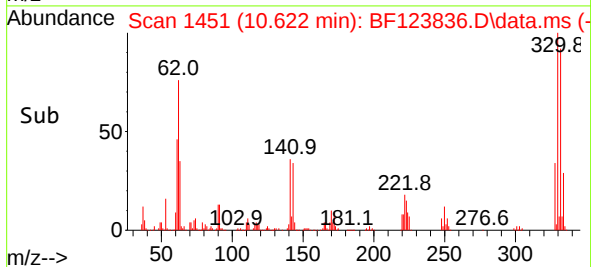
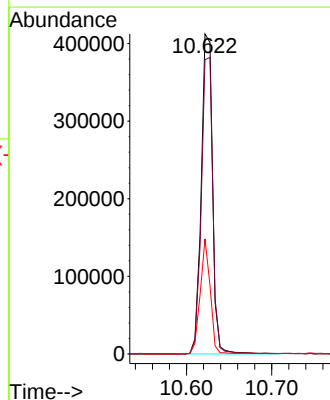
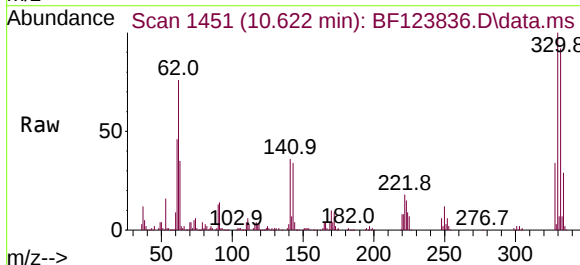
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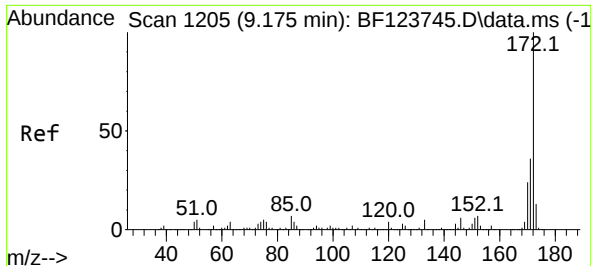
Tgt Ion:164 Resp: 382655
Ion Ratio Lower Upper
164 100
162 101.2 80.7 121.1
160 45.3 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 80.09 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

Tgt Ion:330 Resp: 381504
Ion Ratio Lower Upper
330 100
332 93.6 77.1 115.7
141 31.7 27.9 41.9

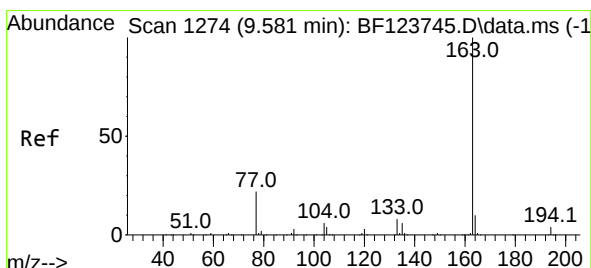
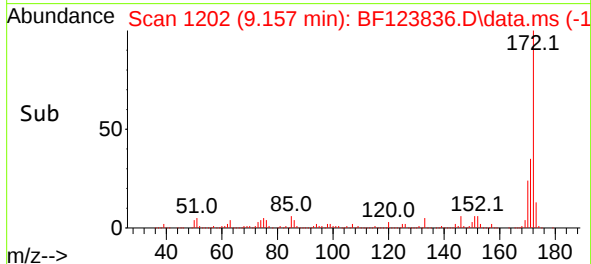
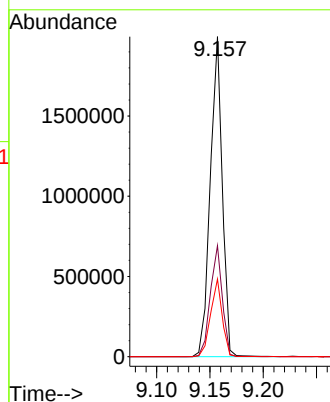
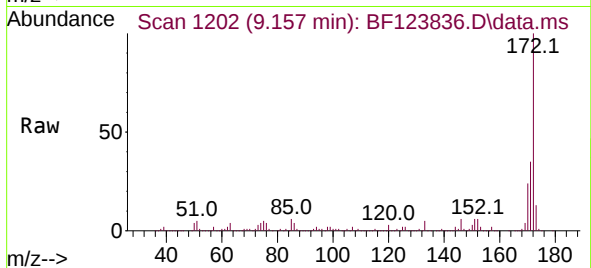




#45
2-Fluorobiphenyl
Concen: 59.77 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

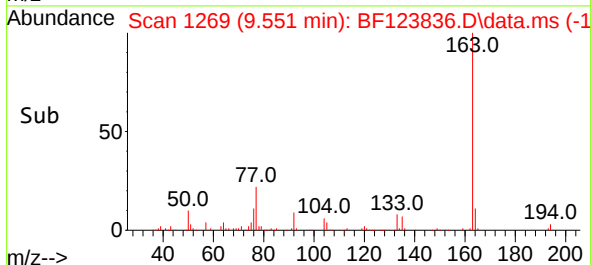
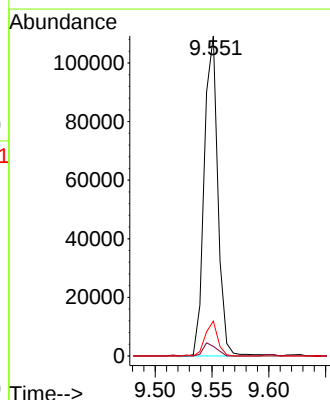
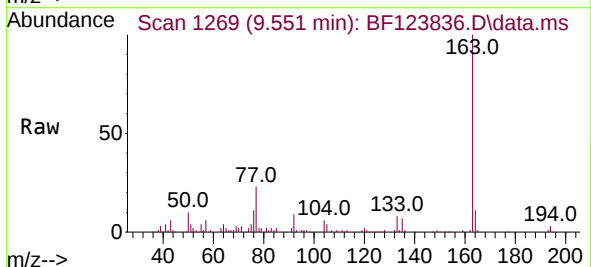
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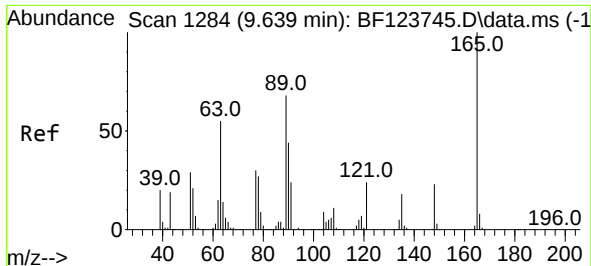
Tgt Ion:172 Resp: 1570627
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 24.3 19.2 28.8



#50
Dimethylphthalate
Concen: 3.37 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

Tgt Ion:163 Resp: 90838
Ion Ratio Lower Upper
163 100
194 3.0 3.1 4.7#
164 10.9 8.2 12.2

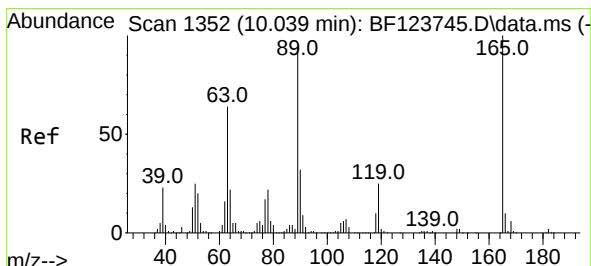
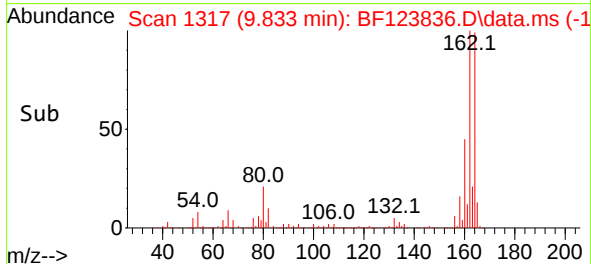
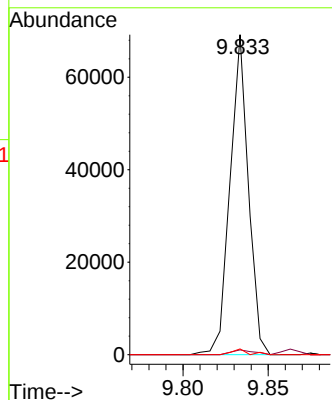
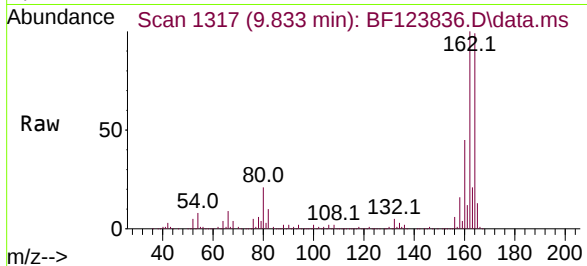




#51
2,6-Dinitrotoluene
Concen: 8.30 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

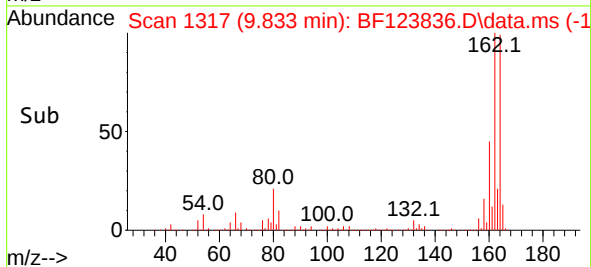
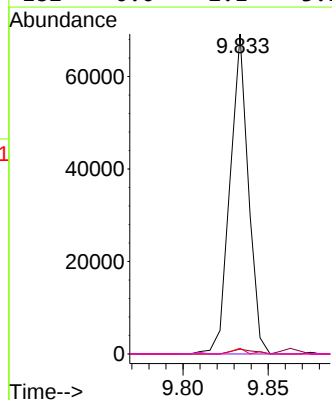
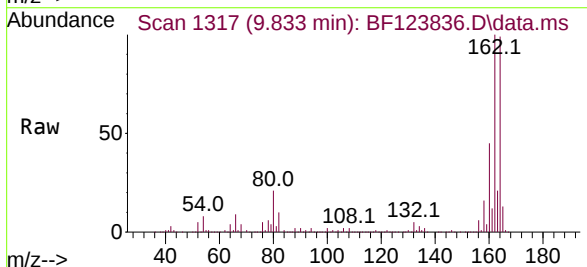
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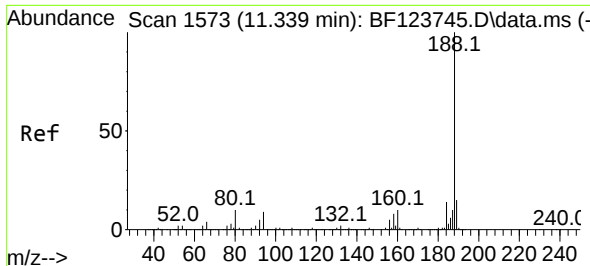
Tgt Ion:165 Resp: 51719
Ion Ratio Lower Upper
165 100
63 1.5 67.7 101.5#
89 1.8 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.200 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

Tgt Ion:165 Resp: 51719
Ion Ratio Lower Upper
165 100
63 1.5 43.5 65.3#
89 1.8 67.7 101.5#
182 0.0 2.1 3.1#

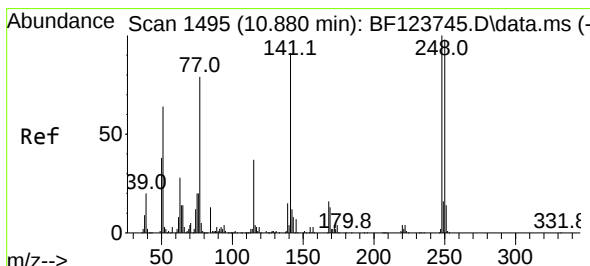
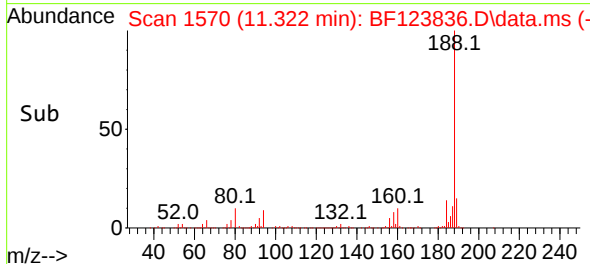
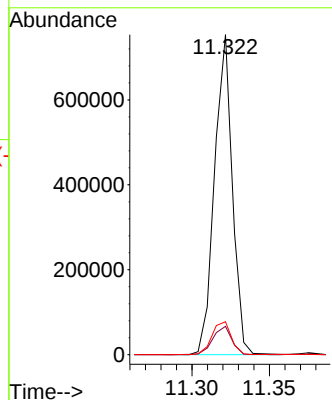
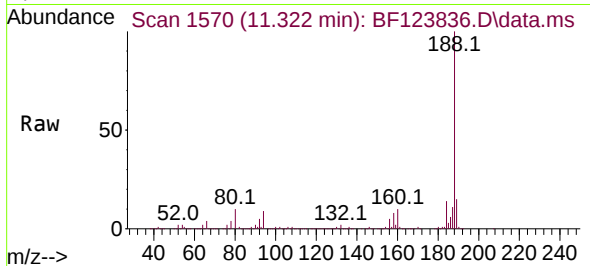




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

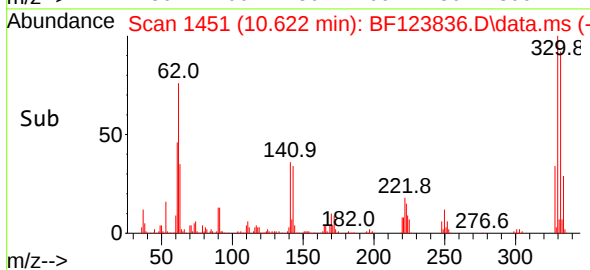
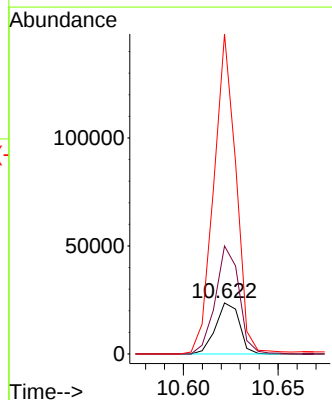
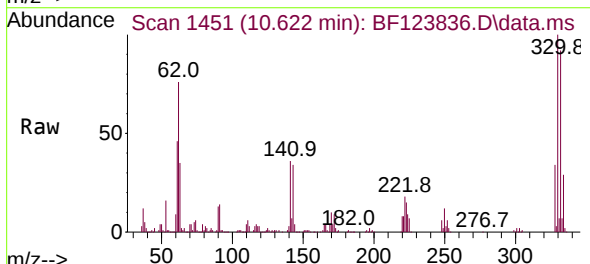
Instrument :
BNA_F
ClientSampleId :
EME-18

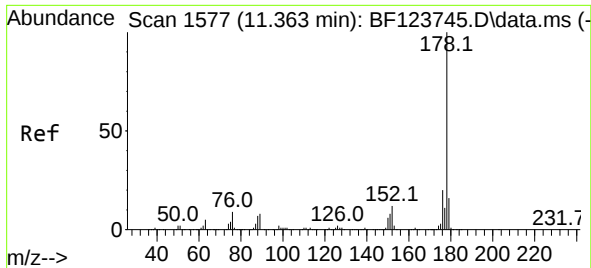
Tgt Ion:188 Resp: 602469
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 10.3 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.25 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.253 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

Tgt Ion:248 Resp: 20637
Ion Ratio Lower Upper
248 100
250 211.1 77.4 116.2#
141 625.9 63.7 95.5#

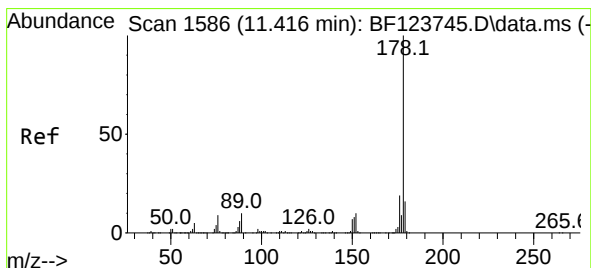
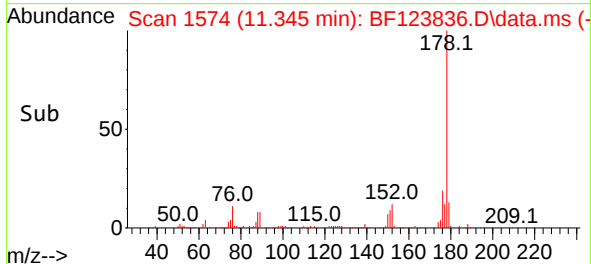
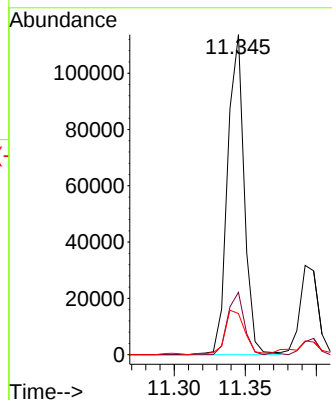
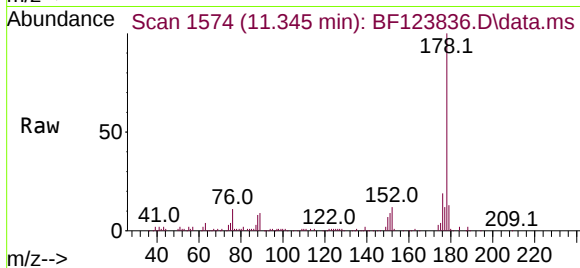




#71
Phenanthrene
Concen: 2.93 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

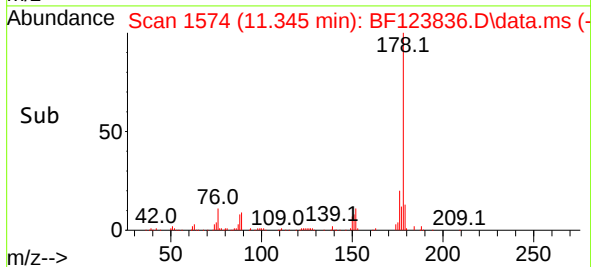
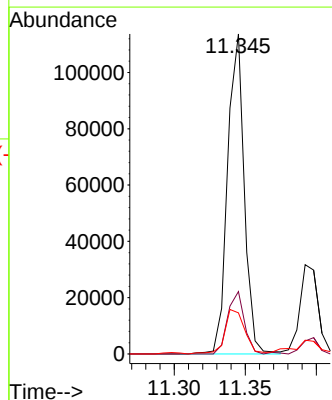
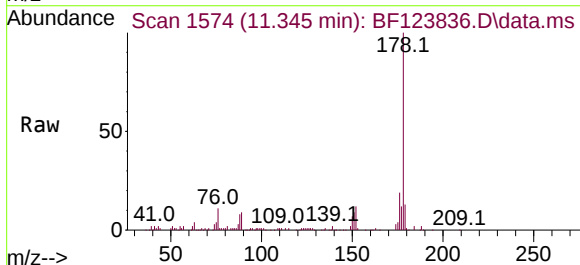
Instrument :
BNA_F
ClientSampleId :
EME-18

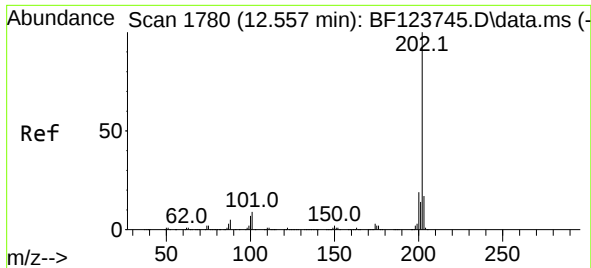
Tgt Ion:178 Resp: 92677
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 12.9 12.5 18.7



#72
Anthracene
Concen: 2.95 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.059 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

Tgt Ion:178 Resp: 92677
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 12.9 12.6 18.8

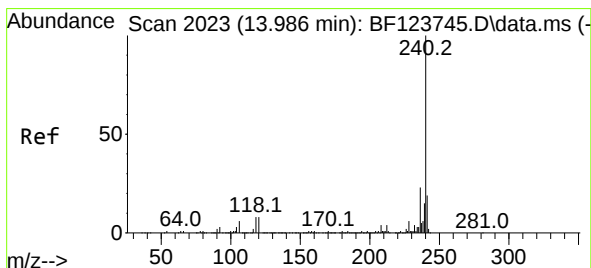
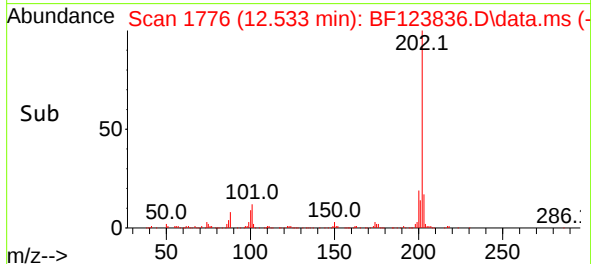
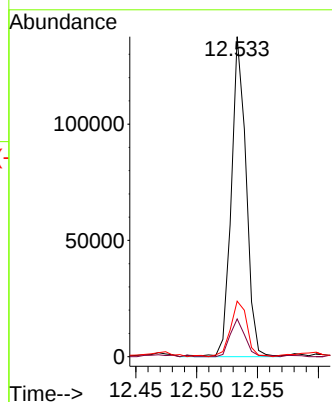
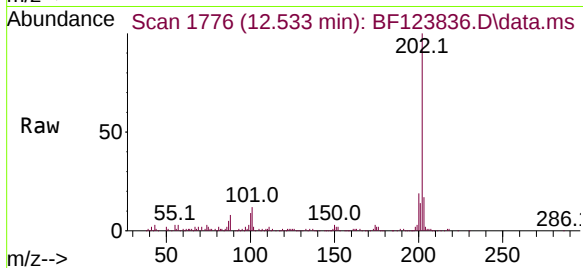




#75
Fluoranthene
Concen: 3.38 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

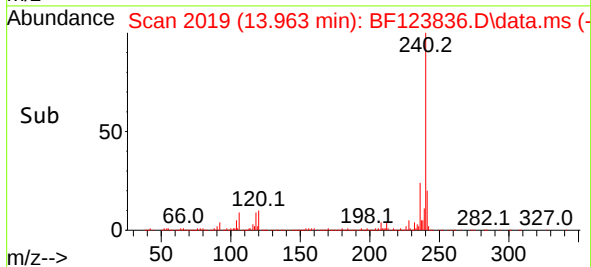
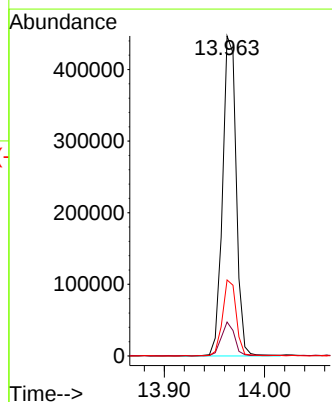
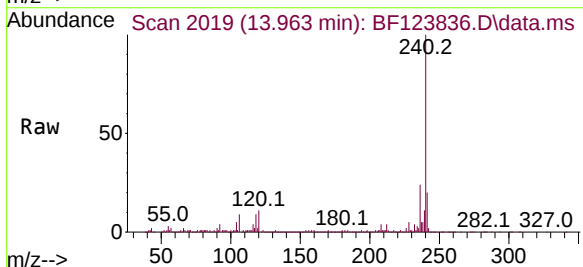
Instrument :
BNA_F
ClientSampleId :
EME-18

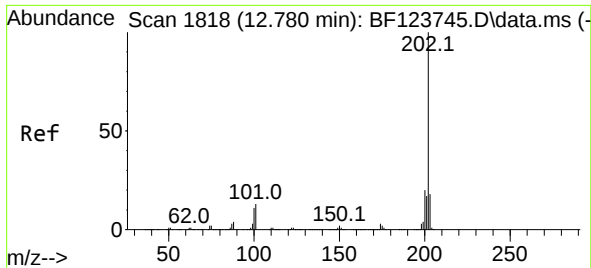
Tgt Ion:202 Resp: 116633
Ion Ratio Lower Upper
202 100
101 11.8 0.0 30.9
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

Tgt Ion:240 Resp: 421896
Ion Ratio Lower Upper
240 100
120 10.6 7.2 10.8
236 23.7 19.0 28.4

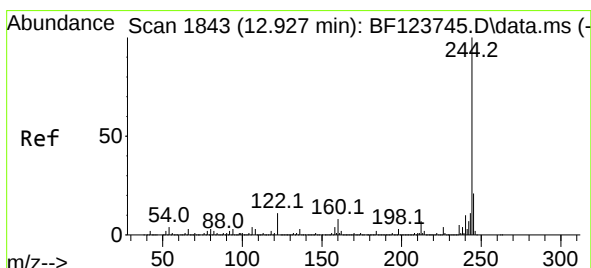
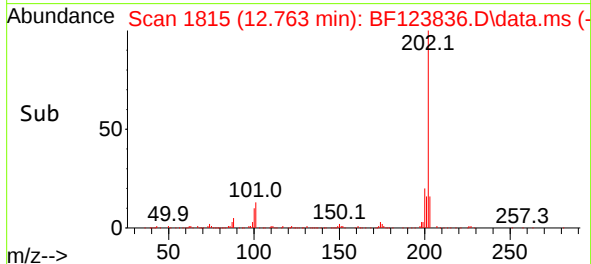
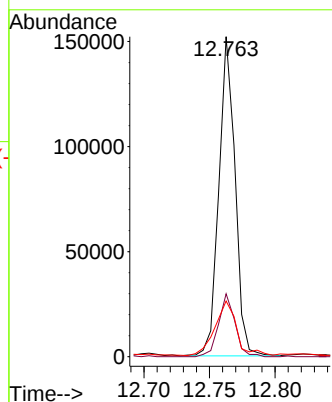
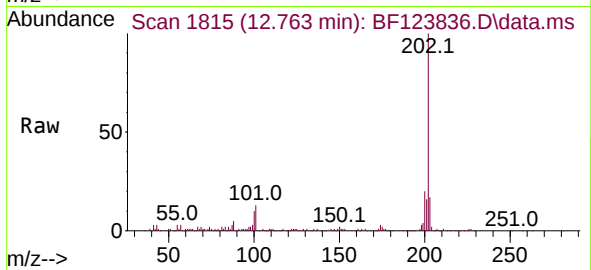




#78
Pyrene
Concen: 3.98 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

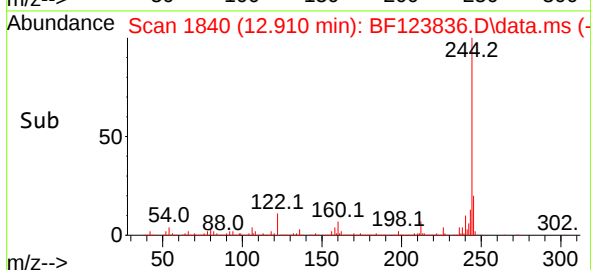
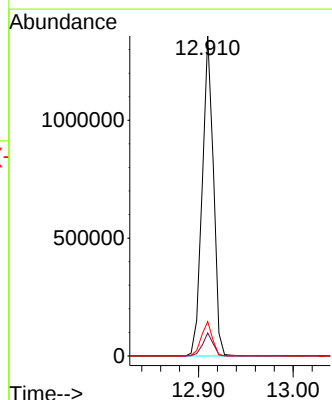
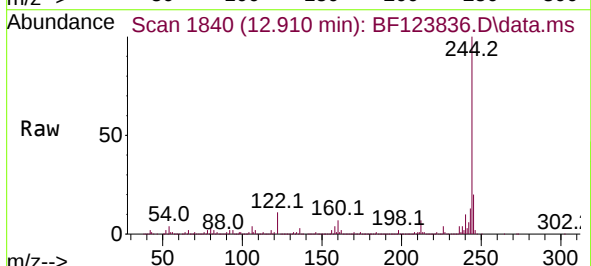
Instrument :
BNA_F
ClientSampled :
EME-18

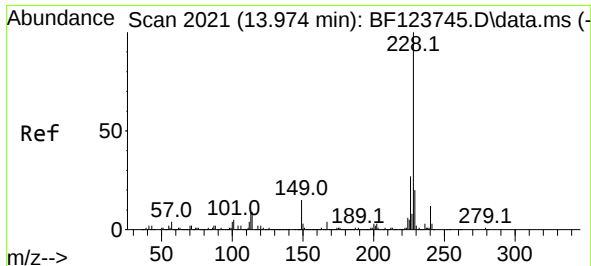
Tgt Ion:202 Resp: 130277
Ion Ratio Lower Upper
202 100
200 19.7 16.1 24.1
203 17.4 14.8 22.2



#79
Terphenyl-d14
Concen: 51.01 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

Tgt Ion:244 Resp: 1117566
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.7 9.7 14.5

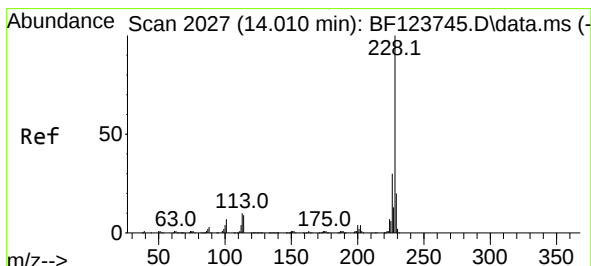
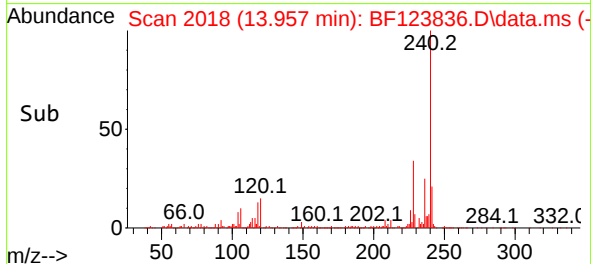
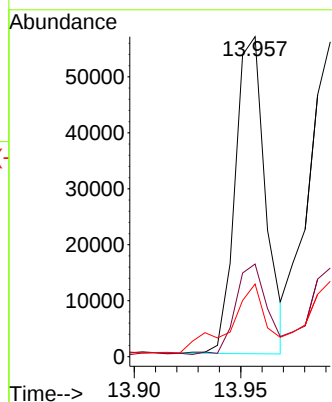
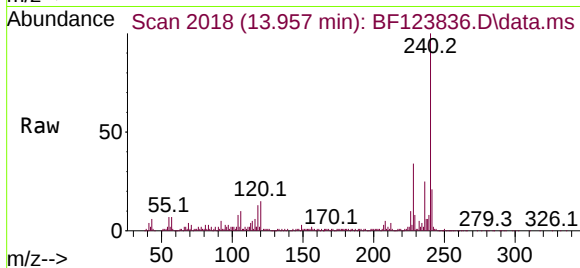




#81
Benzo(a)anthracene
Concen: 2.20 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

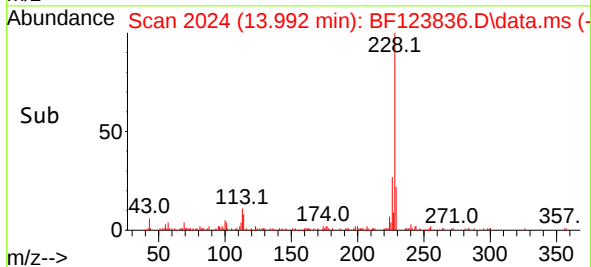
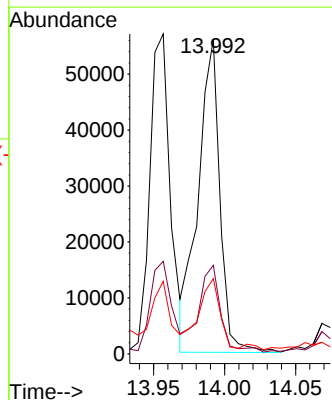
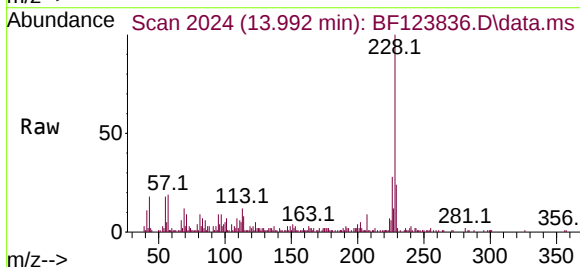
Instrument :
BNA_F
ClientSampleId :
EME-18

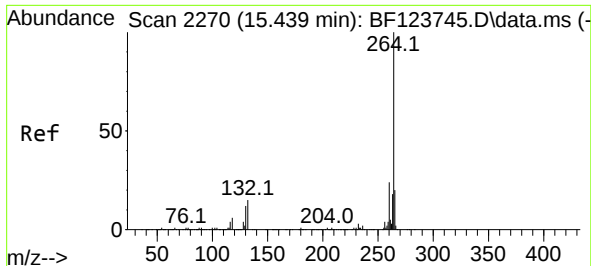
Tgt Ion:228 Resp: 56237
Ion Ratio Lower Upper
228 100
226 29.0 22.4 33.6
229 22.7 16.0 24.0



#83
Chrysene
Concen: 2.33 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

Tgt Ion:228 Resp: 59894
Ion Ratio Lower Upper
228 100
226 28.1 24.3 36.5
229 23.9 16.2 24.2

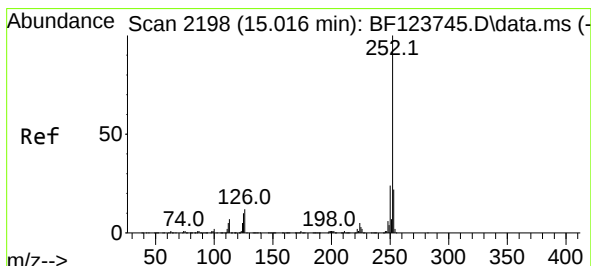
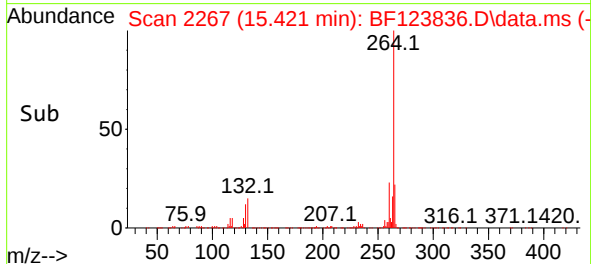
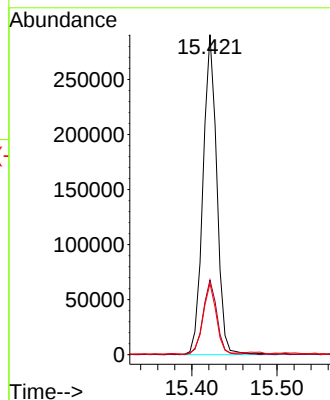
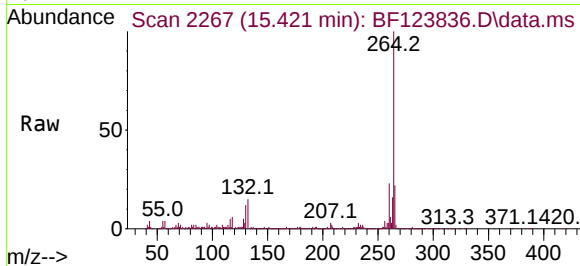




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

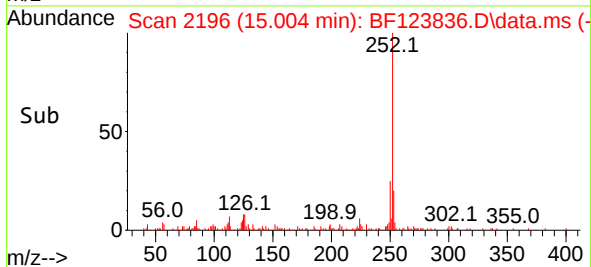
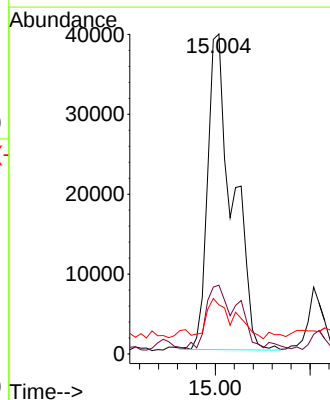
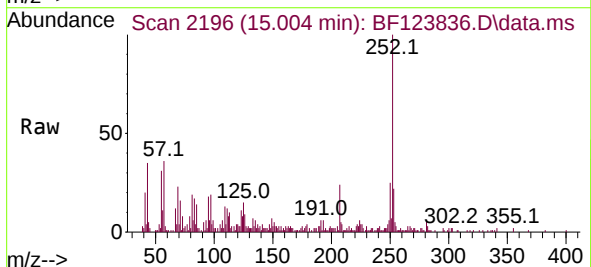
Instrument :
BNA_F
ClientSampled :
EME-18

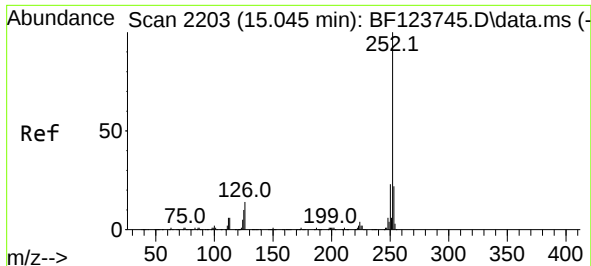
Tgt Ion:264 Resp: 328248
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 22.3 17.8 26.8



#88
Benzo(b)fluoranthene
Concen: 3.27 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

Tgt Ion:252 Resp: 72277
Ion Ratio Lower Upper
252 100
253 21.5 18.1 27.1
125 15.3 6.2 9.4#

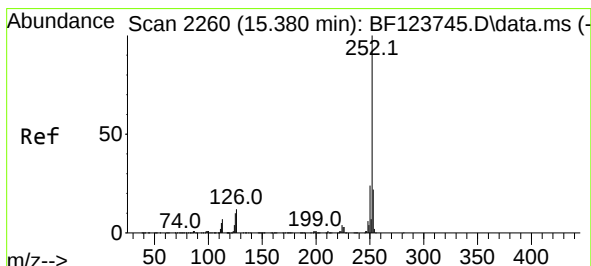
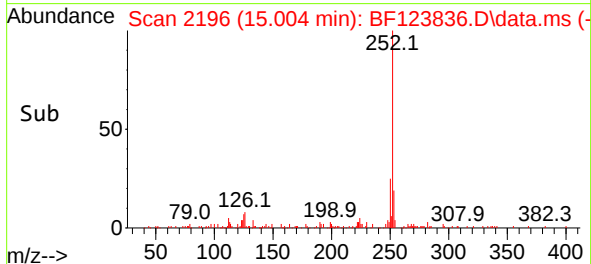
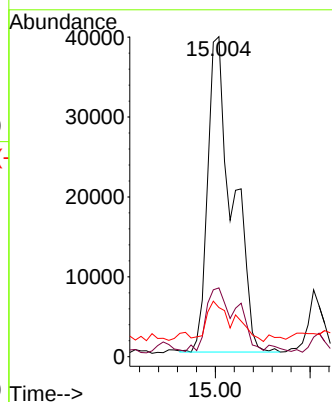
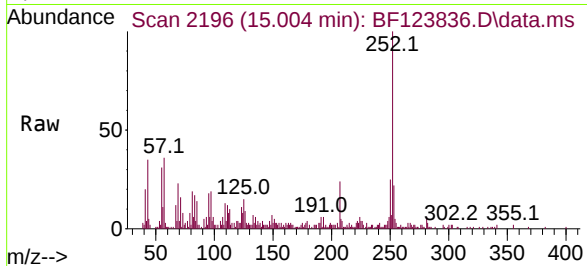




#89
Benzo(k)fluoranthene
Concen: 3.41 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.035 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

Instrument :
BNA_F
ClientSampled :
EME-18

Tgt Ion:252 Resp: 71931
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 15.3 7.0 10.6#



#90
Benzo(a)pyrene
Concen: 2.08 ng
RT: 15.357 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF123836.D
Acq: 5 May 2021 19:42

Tgt Ion:252 Resp: 39265
Ion Ratio Lower Upper
252 100
253 25.6 18.4 27.6
125 17.6 8.0 12.0#

