

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
 Data File : BF126134.D
 Acq On : 11 Nov 2021 19:50
 Operator : JU/CG
 Sample : M4630-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13W-16.0-16.5

Quant Time: Nov 12 09:42:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

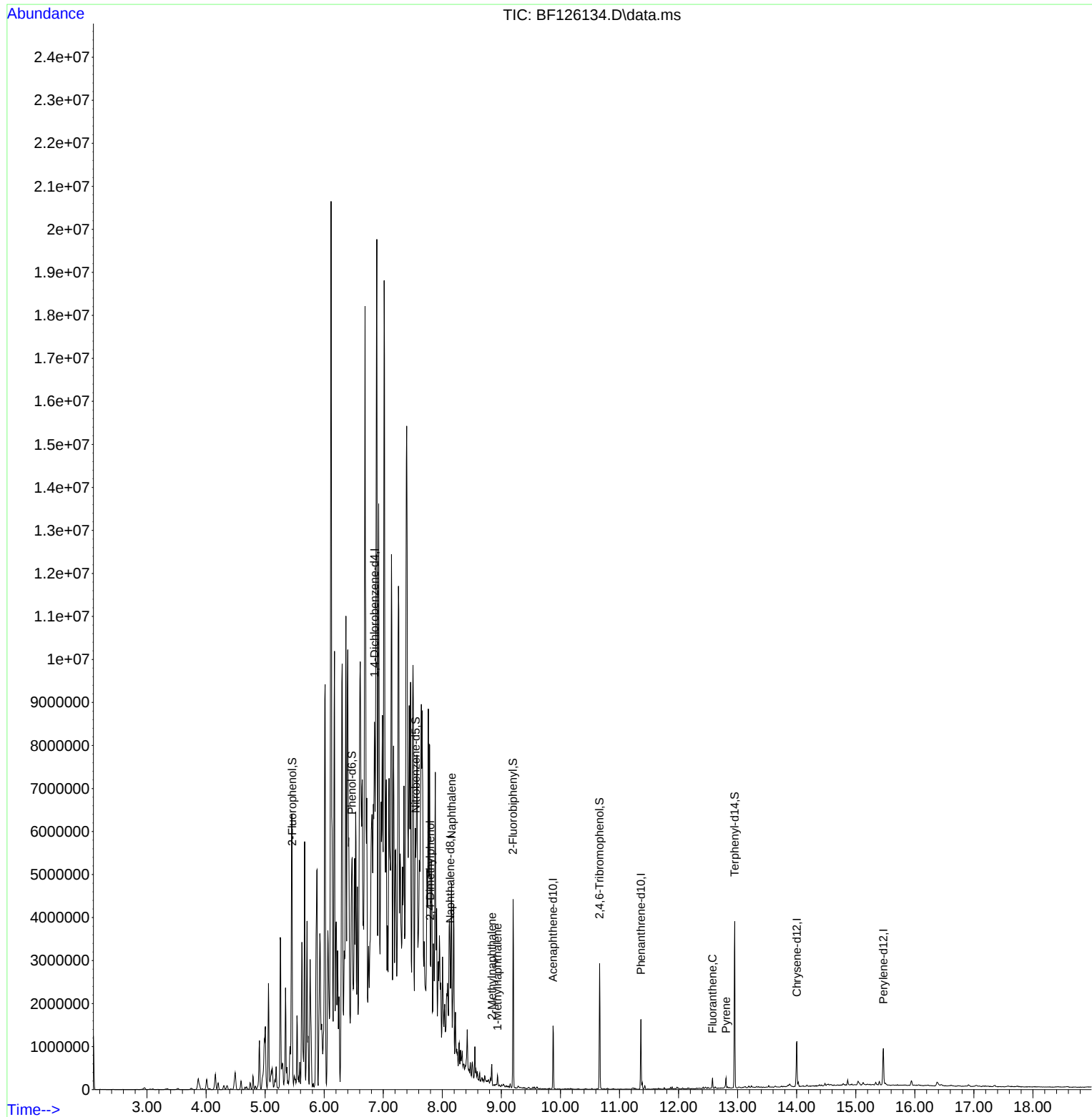
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	132628	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	470430	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	281362	20.000	ng	-0.02
64) Phenanthrene-d10	11.363	188	526097	20.000	ng	#-0.01
76) Chrysene-d12	14.004	240	352194	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	392330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	692279	89.637	ng	0.00
7) Phenol-d6	6.469	99	923183	84.796	ng	-0.02
23) Nitrobenzene-d5	7.551	82	38004	3.810	ng	0.13
42) 2,4,6-Tribromophenol	10.663	330	300797	93.287	ng	-0.02
45) 2-Fluorobiphenyl	9.198	172	1187086	57.015	ng	-0.02
79) Terphenyl-d14	12.951	244	1215809	55.667	ng	-0.01
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	7.798	122	30566	4.668	ng	# 47
31) Naphthalene	8.157	128	1125035	46.172	ng	99
37) 2-Methylnaphthalene	8.839	142	118896	7.065	ng	98
38) 1-Methylnaphthalene	8.933	142	53317	3.271	ng	98
75) Fluoranthene	12.574	202	87306	2.748	ng	95
78) Pyrene	12.804	202	91319	3.233	ng	99

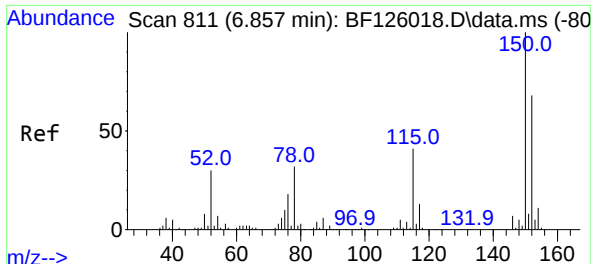
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

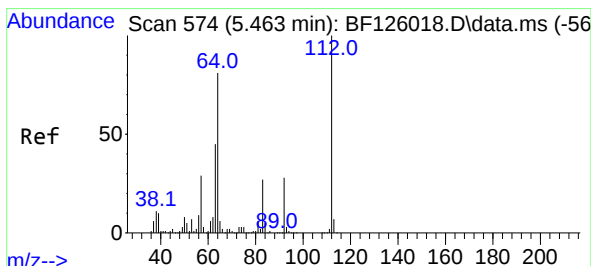
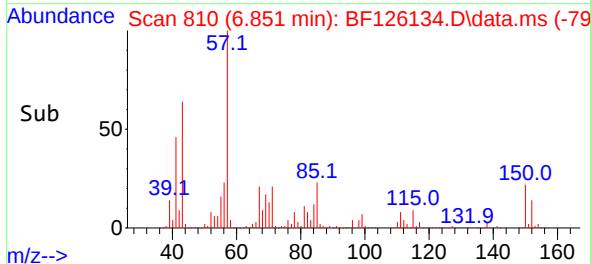
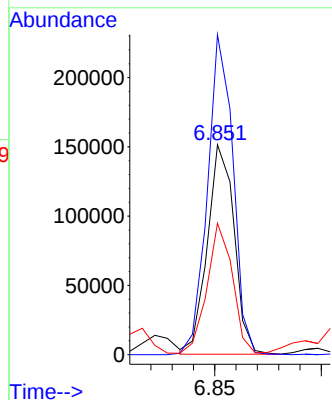
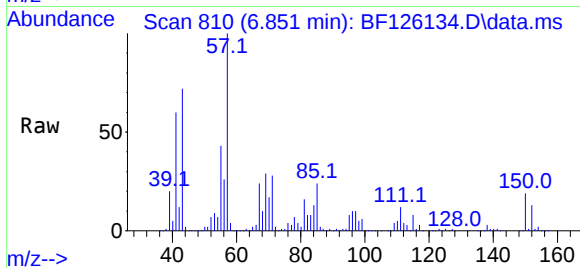




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126134.D
Acq: 11 Nov 2021 19:50

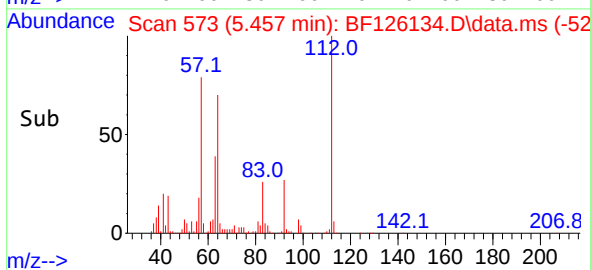
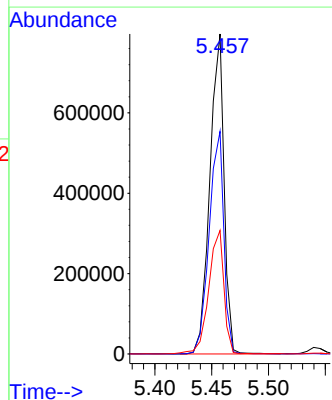
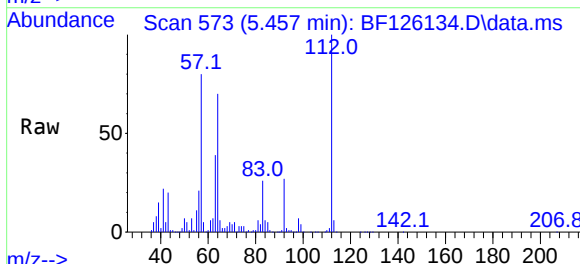
Instrument :
BNA_F
ClientSampleId :
SB-13W-16.0-16.5

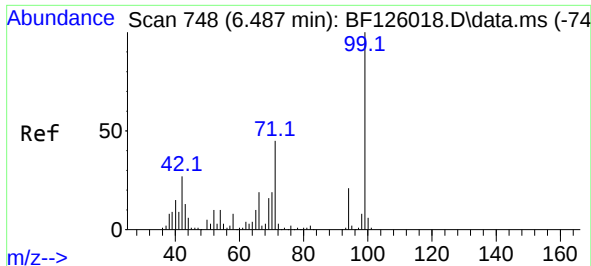
Tgt Ion:152 Resp: 132628
Ion Ratio Lower Upper
152 100
150 152.4 117.6 176.4
115 62.6 47.1 70.7



#5
2-Fluorophenol
Concen: 89.637 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF126134.D
Acq: 11 Nov 2021 19:50

Tgt Ion:112 Resp: 692279
Ion Ratio Lower Upper
112 100
64 69.5 44.2 66.2#
63 38.6 26.2 39.2

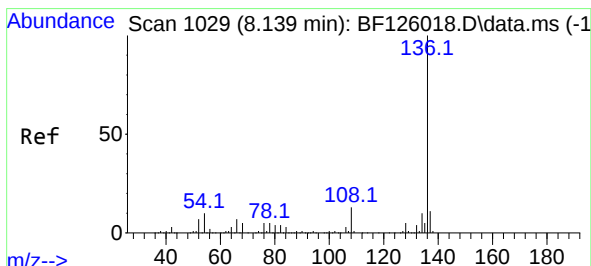
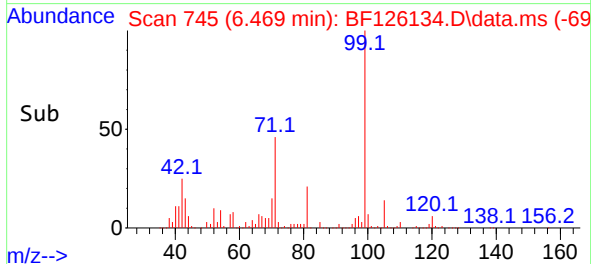
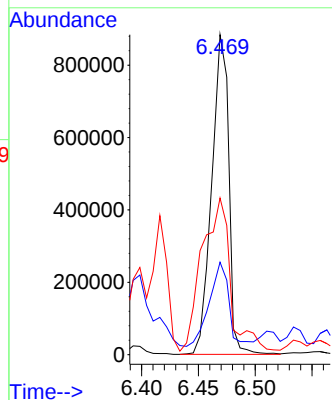
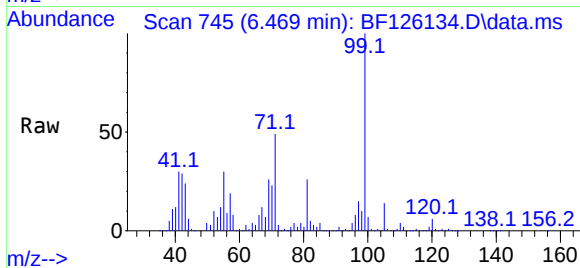




#7
Phenol-d6
Concen: 84.796 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF126134.D
Acq: 11 Nov 2021 19:50

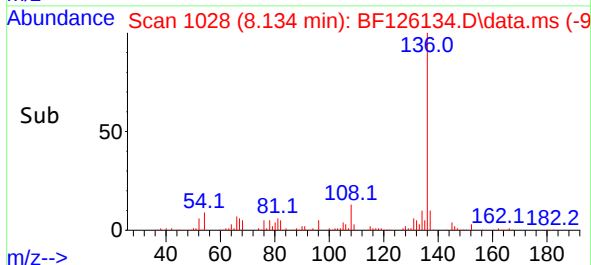
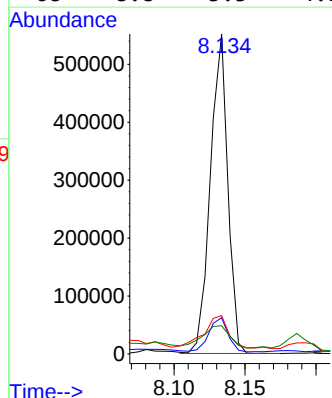
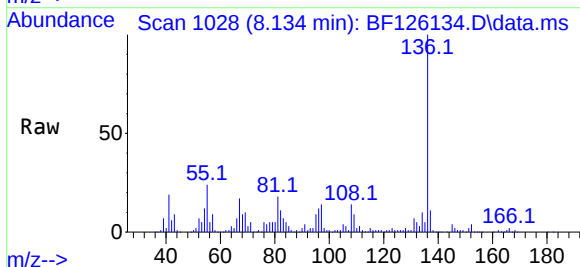
Instrument :
BNA_F
ClientSampleId :
SB-13W-16.0-16.5

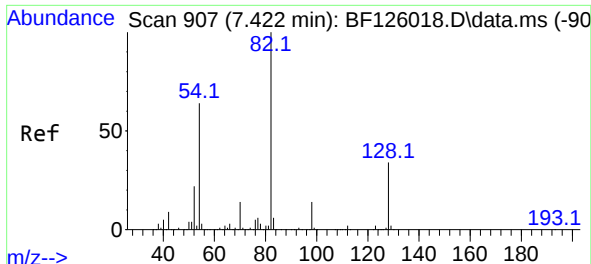
Tgt Ion: 99 Resp: 923183
Ion Ratio Lower Upper
99 100
42 28.9 23.5 35.3
71 49.0 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF126134.D
Acq: 11 Nov 2021 19:50

Tgt Ion:136 Resp: 470430
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.6
54 12.0 6.4 9.6#
68 8.8 3.3 4.9#

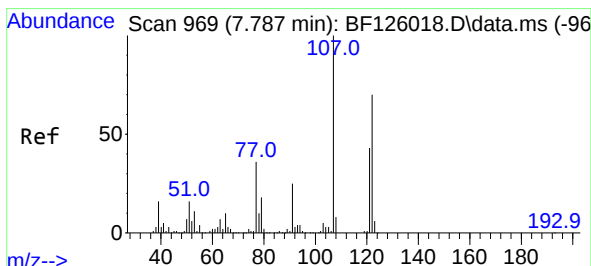
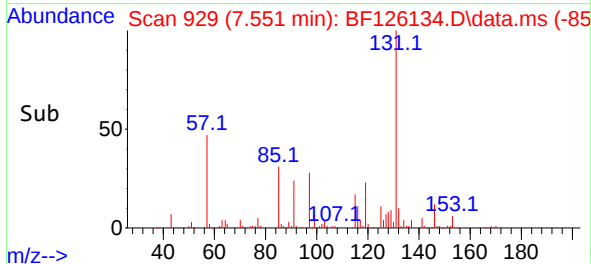
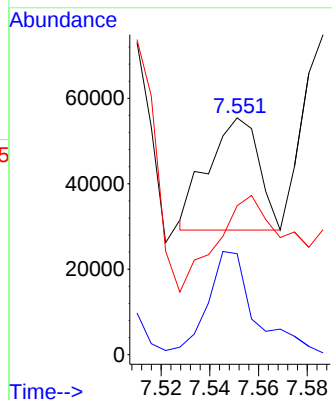
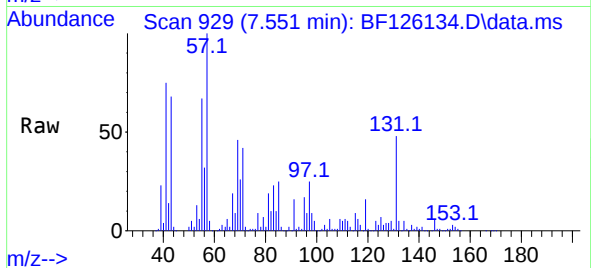




#23
Nitrobenzene-d5
Concen: 3.810 ng
RT: 7.551 min Scan# 911
Delta R.T. 0.129 min
Lab File: BF126134.D
Acq: 11 Nov 2021 19:50

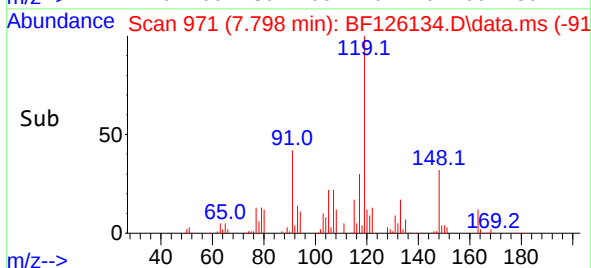
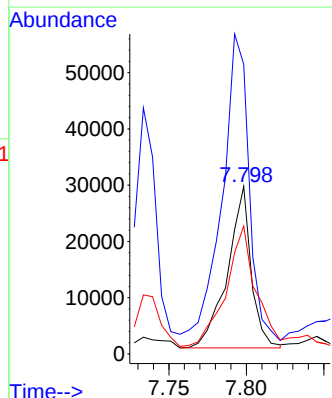
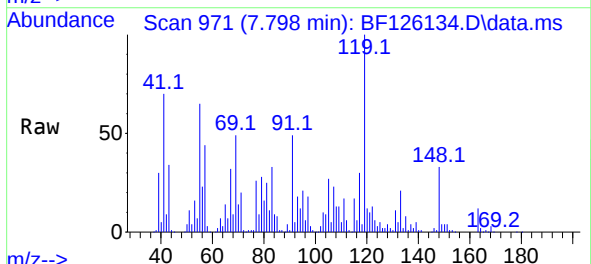
Instrument :
BNA_F
ClientSampleId :
SB-13W-16.0-16.5

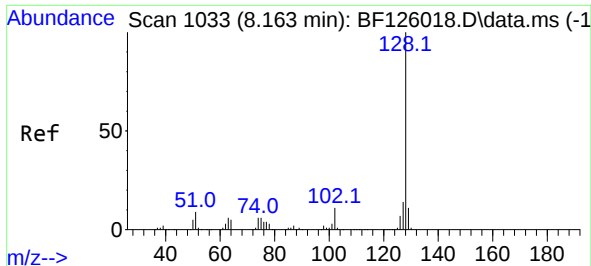
Tgt Ion: 82 Resp: 38004
Ion Ratio Lower Upper
82 100
128 42.7 40.6 60.8
54 62.9 49.6 74.4



#27
2,4-Dimethylphenol
Concen: 4.668 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.011 min
Lab File: BF126134.D
Acq: 11 Nov 2021 19:50

Tgt Ion: 122 Resp: 30566
Ion Ratio Lower Upper
122 100
107 173.0 85.0 127.6#
121 76.4 43.3 64.9#

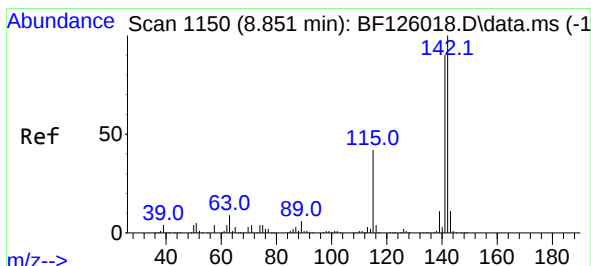
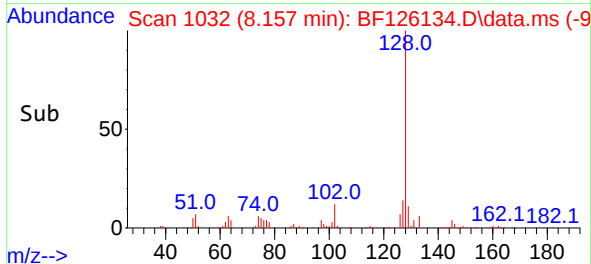
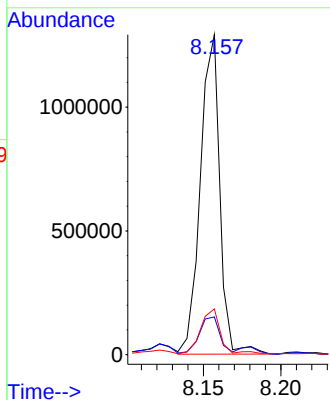
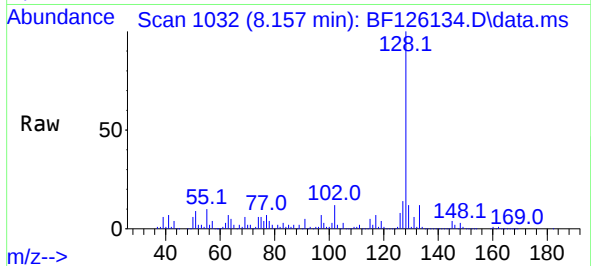




#31
Naphthalene
Concen: 46.172 ng
RT: 8.157 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF126134.D
Acq: 11 Nov 2021 19:50

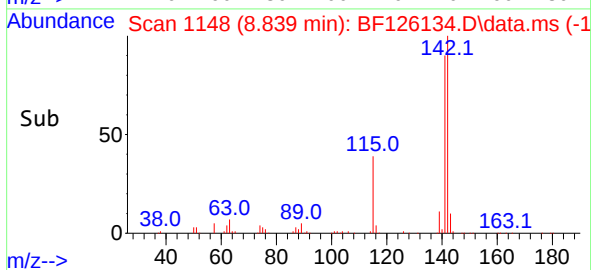
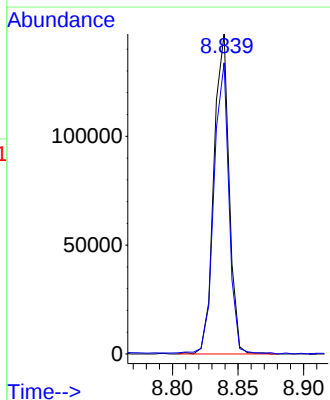
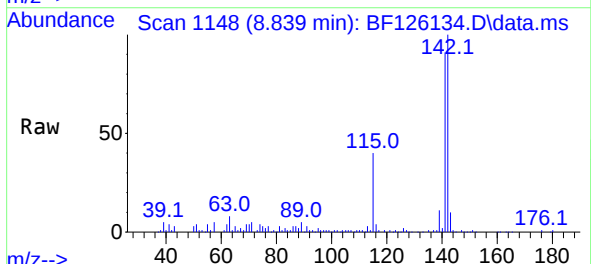
Instrument :
BNA_F
ClientSampleId :
SB-13W-16.0-16.5

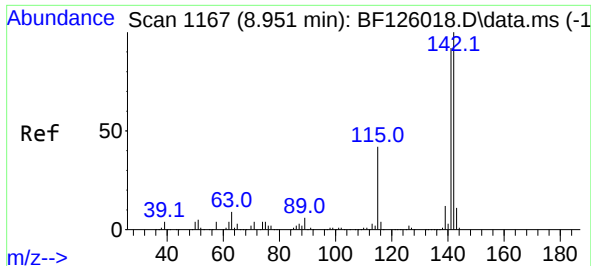
Tgt Ion:128 Resp: 1125035
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 14.3 10.9 16.3



#37
2-Methylnaphthalene
Concen: 7.065 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.012 min
Lab File: BF126134.D
Acq: 11 Nov 2021 19:50

Tgt Ion:142 Resp: 118896
Ion Ratio Lower Upper
142 100
141 91.0 71.2 106.8

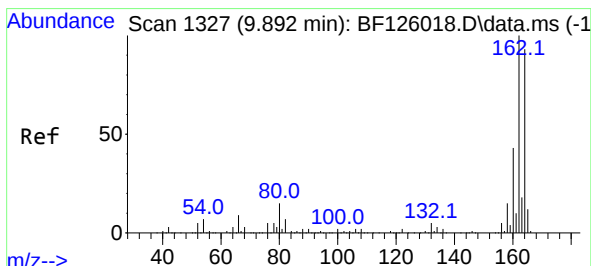
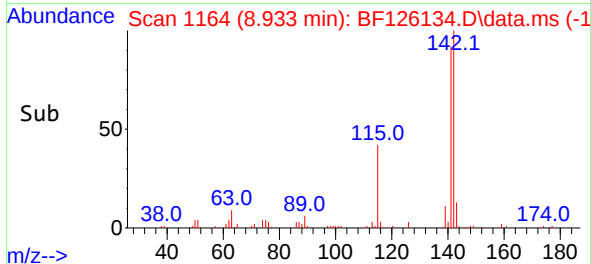
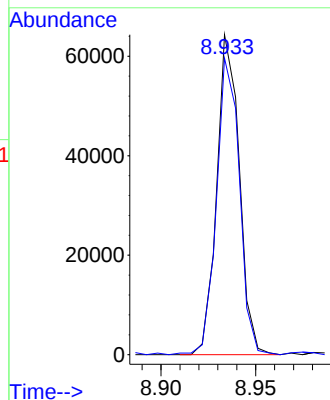
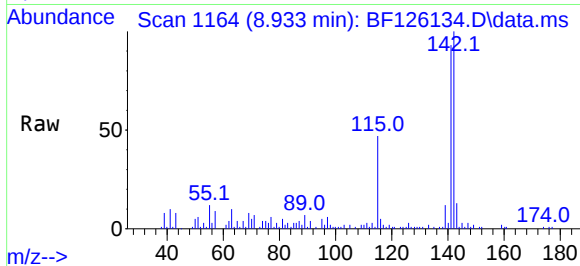




#38
1-Methylnaphthalene
Concen: 3.271 ng
RT: 8.933 min Scan# 1167
Delta R.T. -0.018 min
Lab File: BF126134.D
Acq: 11 Nov 2021 19:50

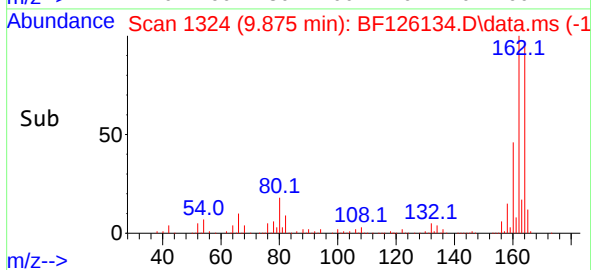
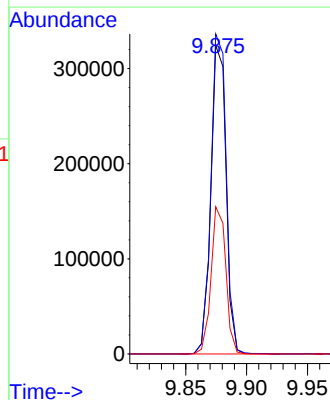
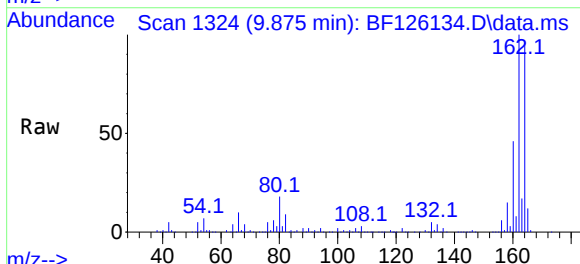
Instrument :
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ClientSampleId :
SB-13W-16.0-16.5

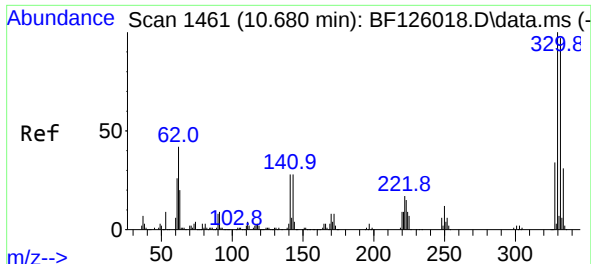
Tgt Ion:142 Resp: 53317
Ion Ratio Lower Upper
142 100
141 92.7 76.0 114.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.017 min
Lab File: BF126134.D
Acq: 11 Nov 2021 19:50

Tgt Ion:164 Resp: 281362
Ion Ratio Lower Upper
164 100
162 103.7 81.3 121.9
160 47.7 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 93.287 ng

RT: 10.663 min Scan# 1461

Delta R.T. -0.018 min

Lab File: BF126134.D

Acq: 11 Nov 2021 19:50

Instrument :

BNA_F

ClientSampleId :

SB-13W-16.0-16.5

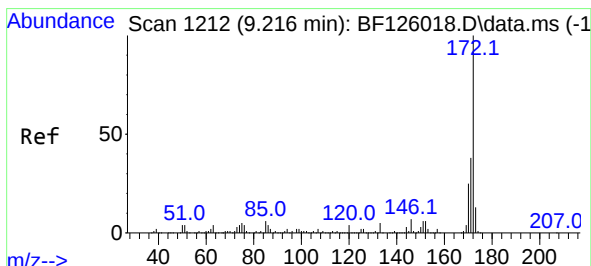
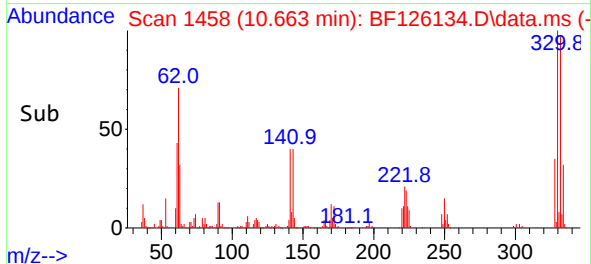
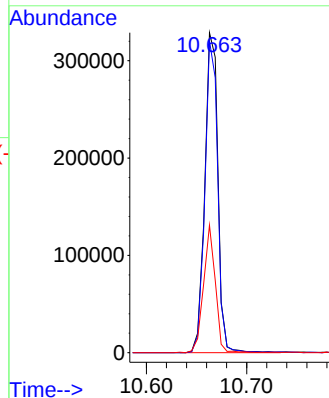
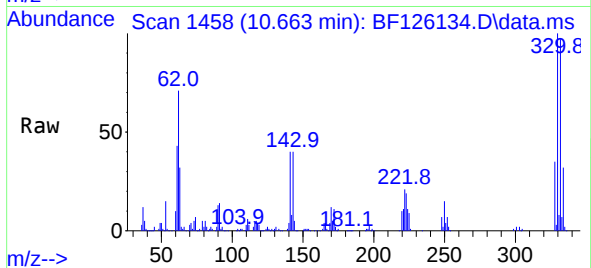
Tgt Ion:330 Resp: 300797

Ion Ratio Lower Upper

330 100

332 95.5 76.2 114.4

141 36.0 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 57.015 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.018 min

Lab File: BF126134.D

Acq: 11 Nov 2021 19:50

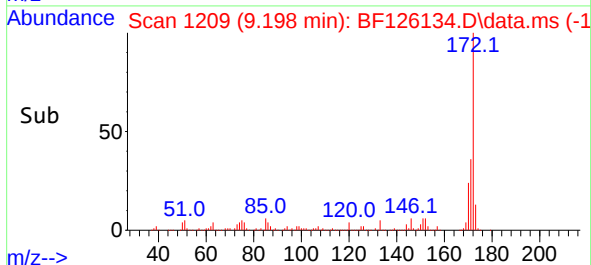
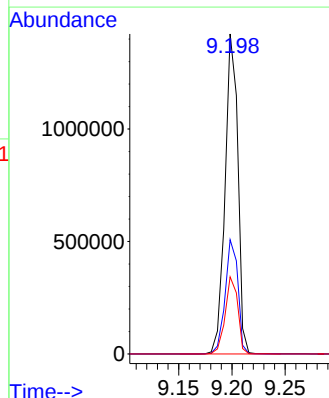
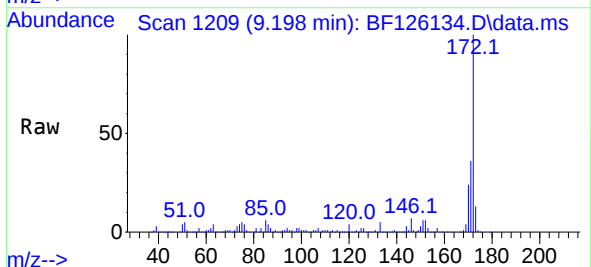
Tgt Ion:172 Resp: 1187086

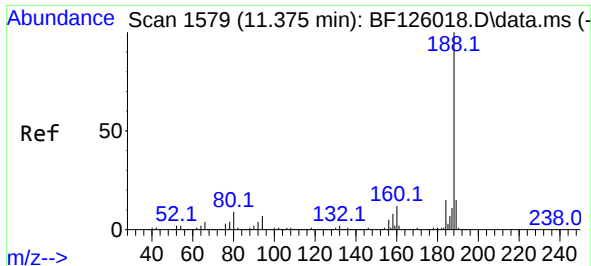
Ion Ratio Lower Upper

172 100

171 35.7 26.5 39.7

170 24.1 18.8 28.2

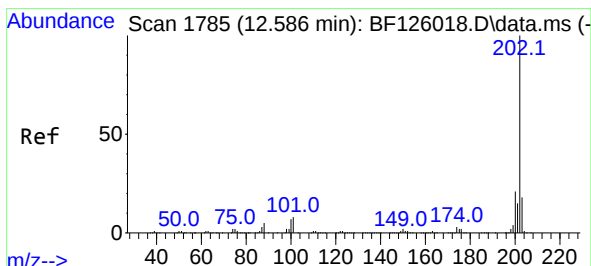
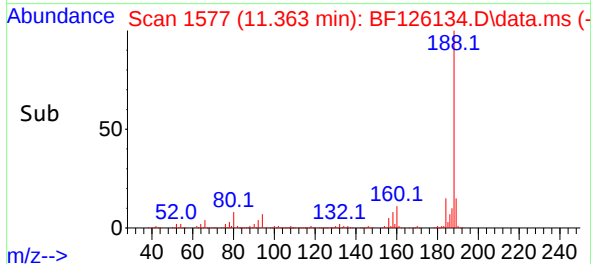
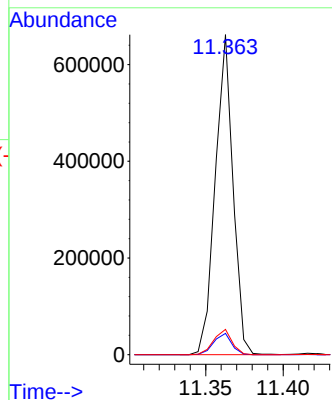
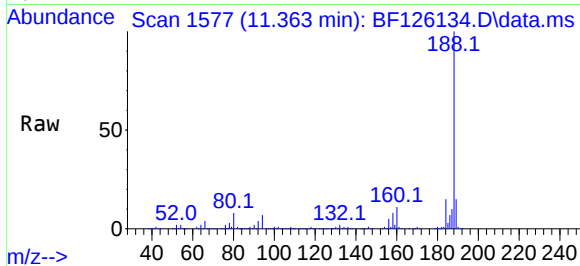




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126134.D
Acq: 11 Nov 2021 19:50

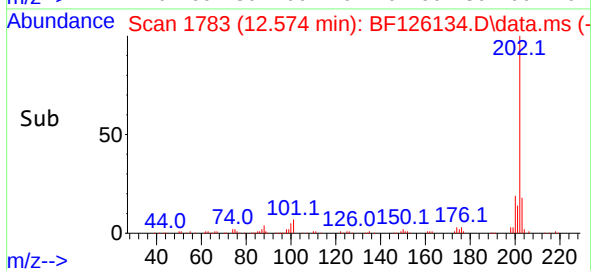
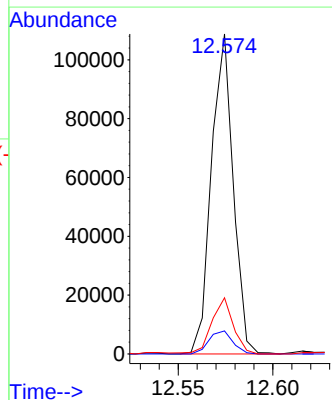
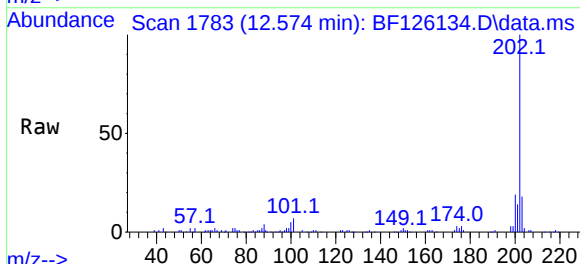
Instrument :
BNA_F
ClientSampleId :
SB-13W-16.0-16.5

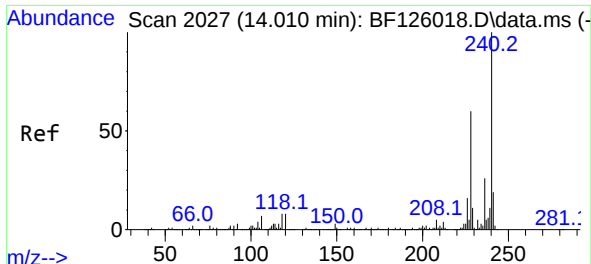
Tgt Ion:188 Resp: 526097
Ion Ratio Lower Upper
188 100
94 6.7 6.7 10.1#
80 7.9 7.5 11.3



#75
Fluoranthene
Concen: 2.748 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.012 min
Lab File: BF126134.D
Acq: 11 Nov 2021 19:50

Tgt Ion:202 Resp: 87306
Ion Ratio Lower Upper
202 100
101 7.2 0.0 30.7
203 17.6 0.0 36.3

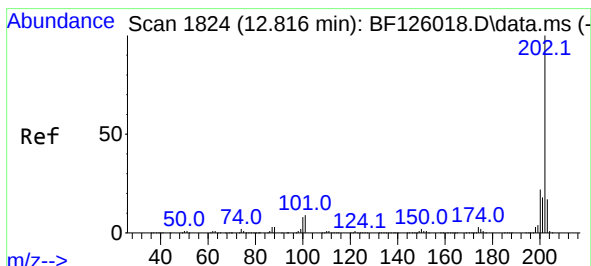
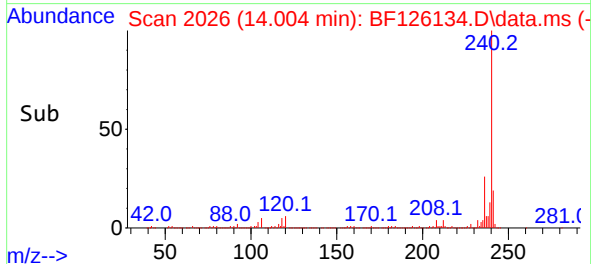
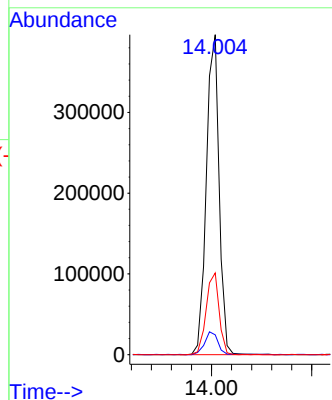
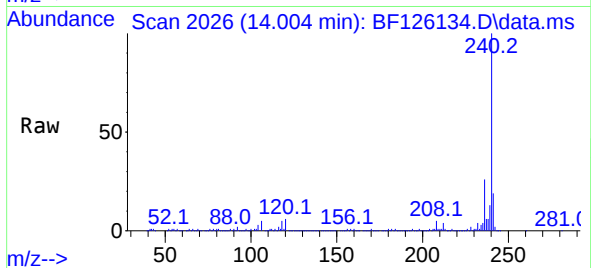




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126134.D
Acq: 11 Nov 2021 19:50

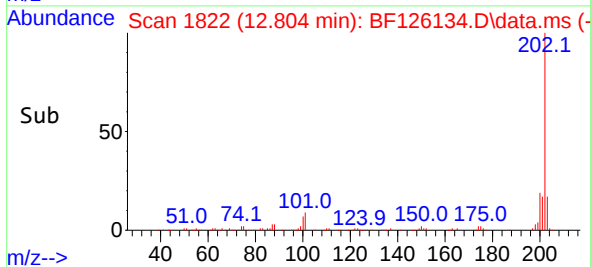
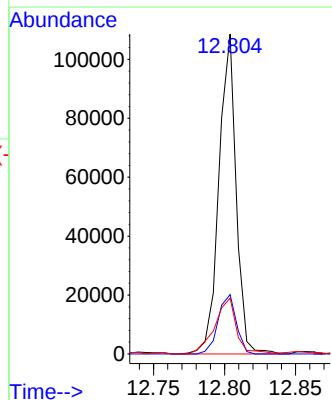
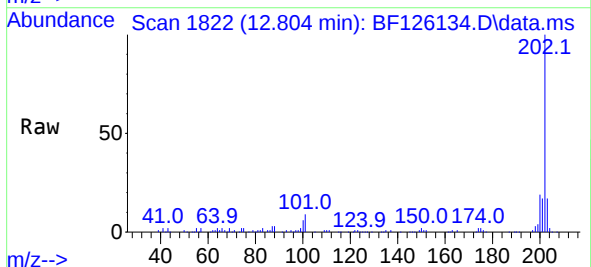
Instrument :
BNA_F
ClientSampleId :
SB-13W-16.0-16.5

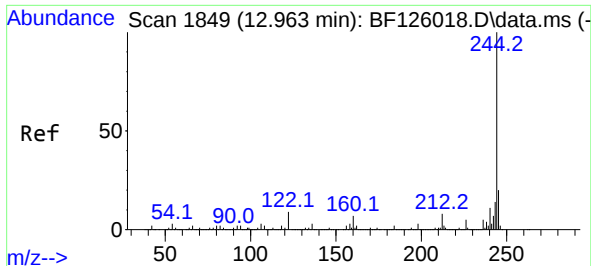
Tgt Ion:240 Resp: 352194
Ion Ratio Lower Upper
240 100
120 6.2 10.8 16.2#
236 25.5 21.6 32.4



#78
Pyrene
Concen: 3.233 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BF126134.D
Acq: 11 Nov 2021 19:50

Tgt Ion:202 Resp: 91319
Ion Ratio Lower Upper
202 100
200 18.5 15.3 22.9
203 17.4 13.4 20.0

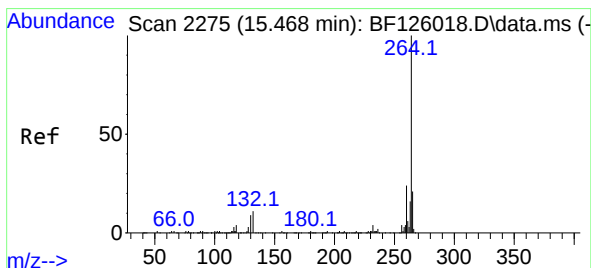
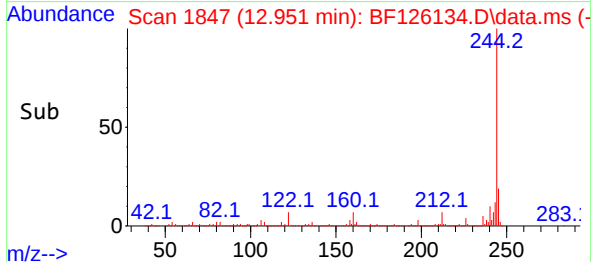
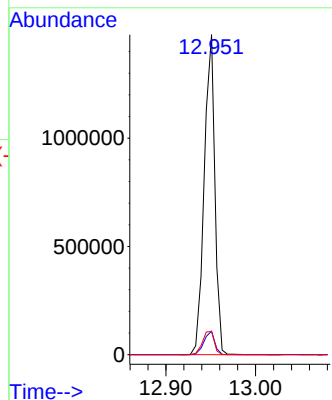
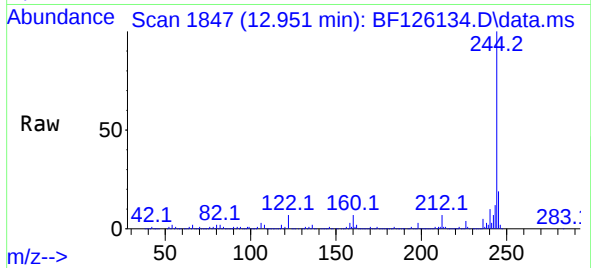




#79
 Terphenyl-d14
 Concen: 55.667 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.012 min
 Lab File: BF126134.D
 Acq: 11 Nov 2021 19:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-13W-16.0-16.5

Tgt Ion:244 Resp: 1215809
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 7.3 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF126134.D
 Acq: 11 Nov 2021 19:50

Tgt Ion:264 Resp: 392330
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.6 29.4
 265 21.6 17.2 25.8

