

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
 Data File : BF125879.D
 Acq On : 18 Oct 2021 16:12
 Operator : JU/CG
 Sample : M4249-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-(D)

Quant Time: Oct 19 09:07:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

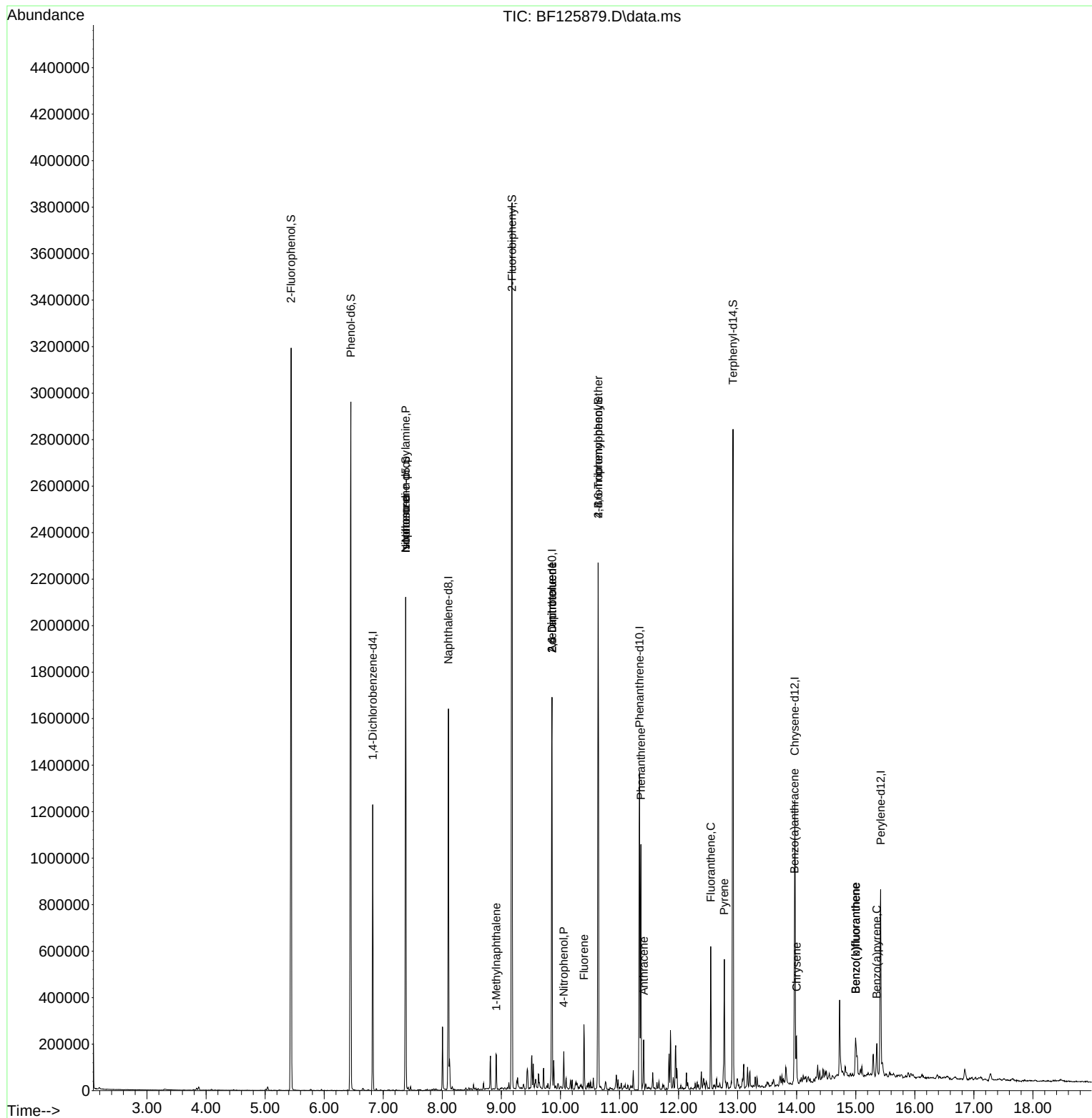
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	172157	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	693002	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	352570	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	507233	20.000	ng	0.00
76) Chrysene-d12	13.968	240	357242	20.000	ng	0.00
86) Perylene-d12	15.421	264	338609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	970162	92.060	ng	0.00
7) Phenol-d6	6.451	99	1161851	85.642	ng	0.00
23) Nitrobenzene-d5	7.380	82	679930	60.988	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	277803	79.807	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1310603	64.117	ng	0.00
79) Terphenyl-d14	12.921	244	942029	40.167	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.380	70	84370	11.781	ng	# 51
25) Isophorone	7.380	82	676981	34.275	ng	# 59
38) 1-Methylnaphthalene	8.916	142	42587	2.022	ng	93
51) 2,6-Dinitrotoluene	9.857	165	47889	10.208	ng	# 27
56) 4-Nitrophenol	10.057	139	13950	3.374	ng	# 12
57) 2,4-Dinitrotoluene	9.857	165	47889	8.073	ng	# 19
58) Fluorene	10.398	166	72503	3.432	ng	98
67) 4-Bromophenyl-phenylether	10.639	248	15602	2.777	ng	# 1
71) Phenanthrene	11.363	178	361926	13.336	ng	98
72) Anthracene	11.410	178	67421	2.487	ng	100
75) Fluoranthene	12.545	202	215941	8.818	ng	95
78) Pyrene	12.774	202	200781	5.532	ng	98
81) Benzo(a)anthracene	13.962	228	95785	4.133	ng	96
83) Chrysene	13.998	228	84164	3.674	ng	97
88) Benzo(b)fluoranthene	14.998	252	119645	6.259	ng	98
89) Benzo(k)fluoranthene	14.998	252	119645	6.096	ng	# 97
90) Benzo(a)pyrene	15.356	252	63974	3.779	ng	96

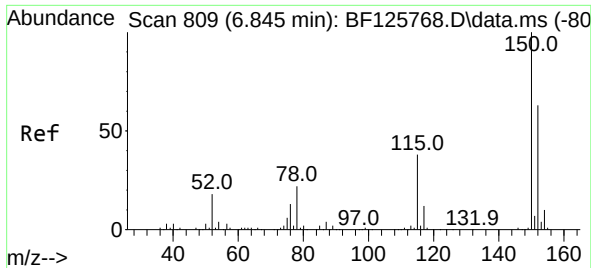
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 18 12:43:03 2021
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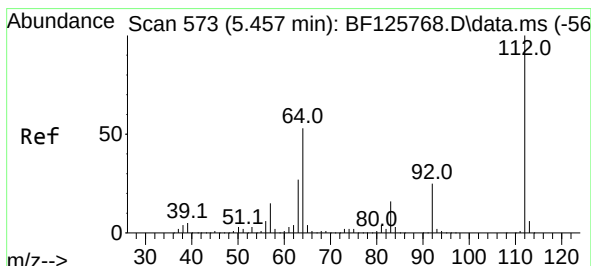
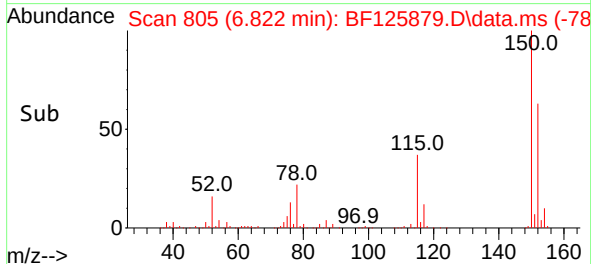
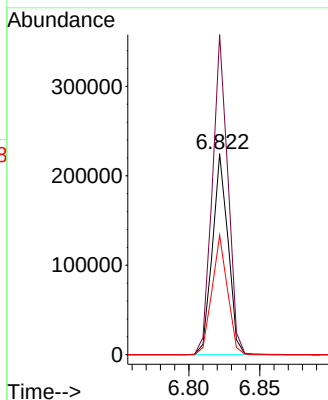
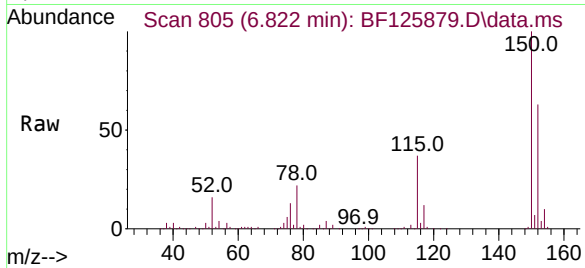




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 805
 Delta R.T. -0.006 min
 Lab File: BF125879.D
 Acq: 18 Oct 2021 16:12

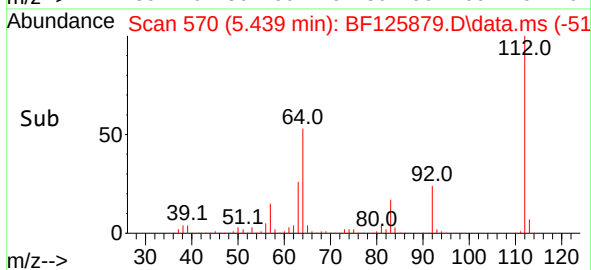
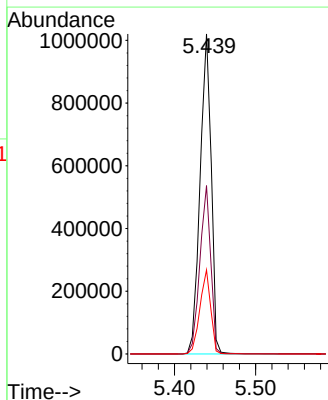
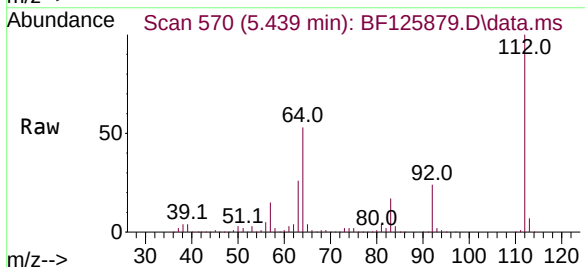
Instrument :
 BNA_F
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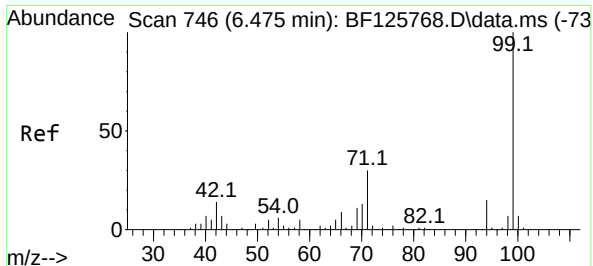
Tgt Ion:152 Resp: 172157
 Ion Ratio Lower Upper
 152 100
 150 159.2 117.6 176.4
 115 59.5 47.1 70.7



#5
 2-Fluorophenol
 Concen: 92.060 ng
 RT: 5.439 min Scan# 570
 Delta R.T. -0.000 min
 Lab File: BF125879.D
 Acq: 18 Oct 2021 16:12

Tgt Ion:112 Resp: 970162
 Ion Ratio Lower Upper
 112 100
 64 52.6 44.2 66.2
 63 26.2 26.2 39.2

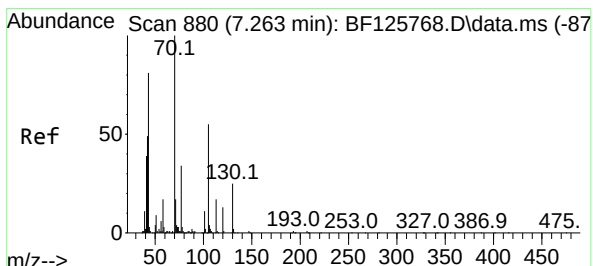
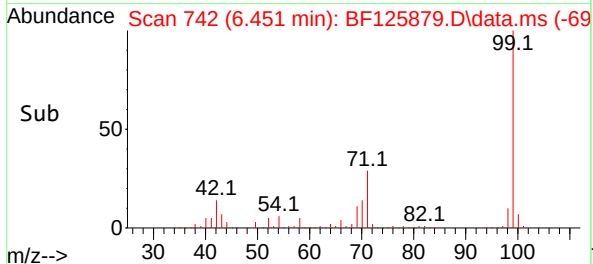
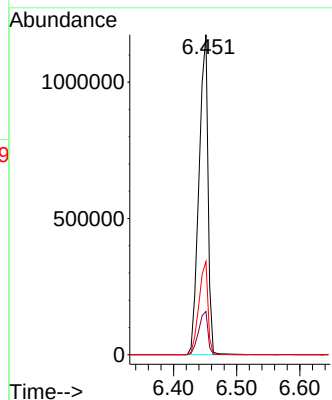
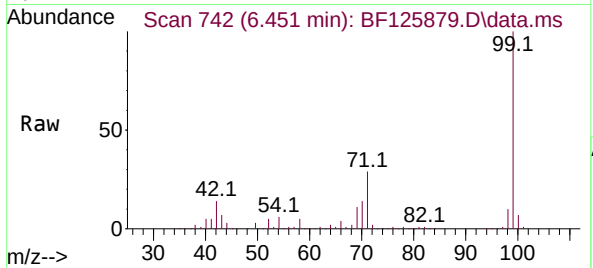




#7
Phenol-d6
Concen: 85.642 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

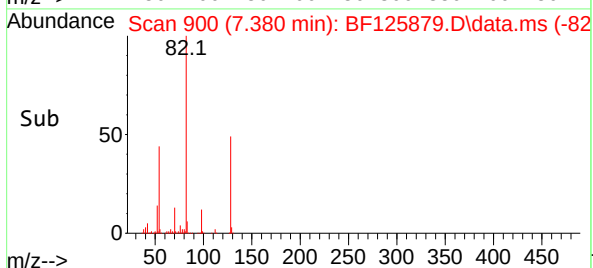
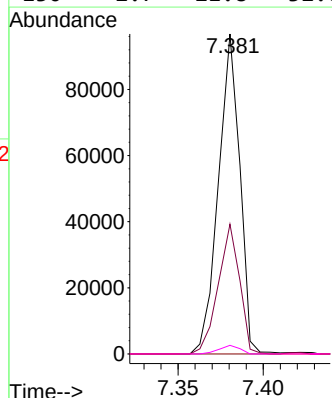
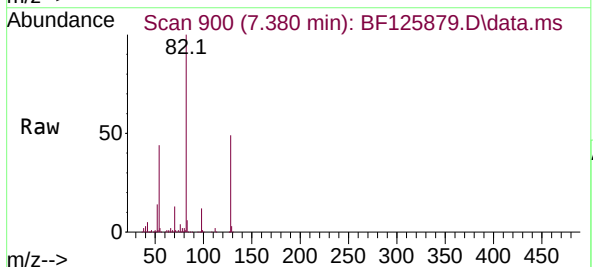
Instrument :
BNA_F
ClientSampleId :
TP2-(D)

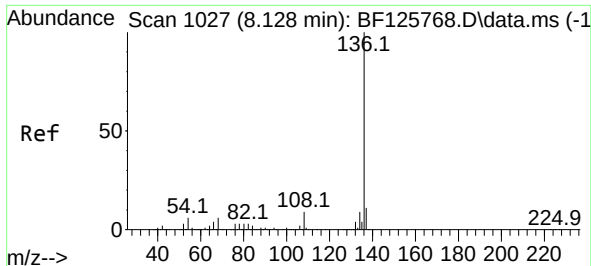
Tgt Ion: 99 Resp: 1161851
Ion Ratio Lower Upper
99 100
42 13.5 23.5 35.3#
71 29.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.781 ng
RT: 7.380 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

Tgt Ion: 70 Resp: 84370
Ion Ratio Lower Upper
70 100
42 40.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.7 21.8 32.6#

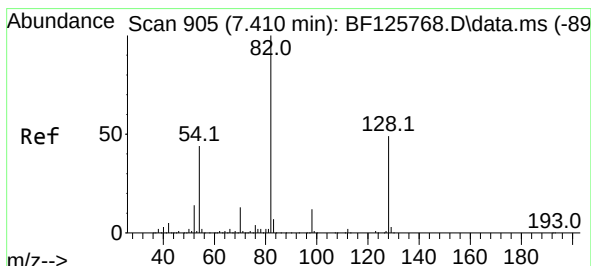
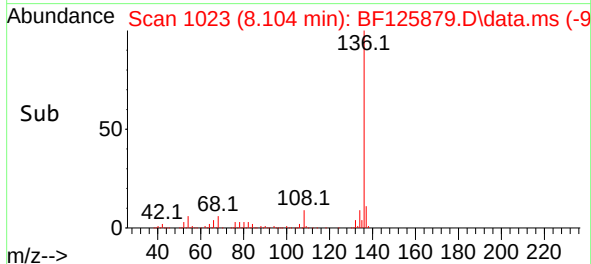
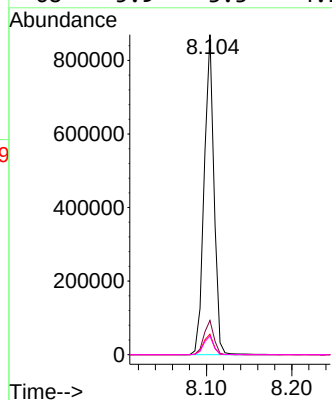
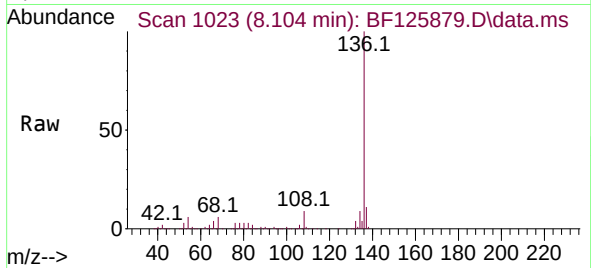




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

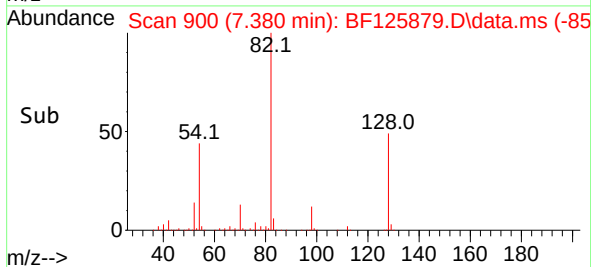
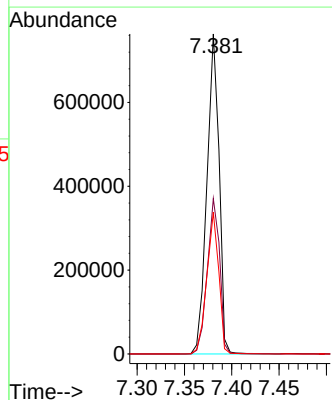
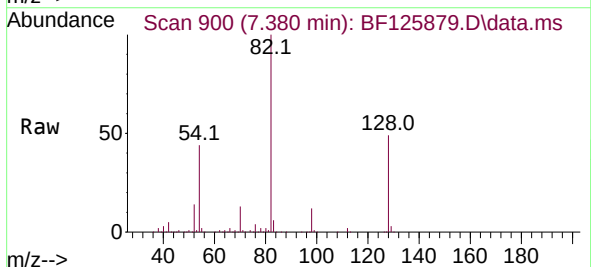
Instrument :
BNA_F
ClientSampleId :
TP2-(D)

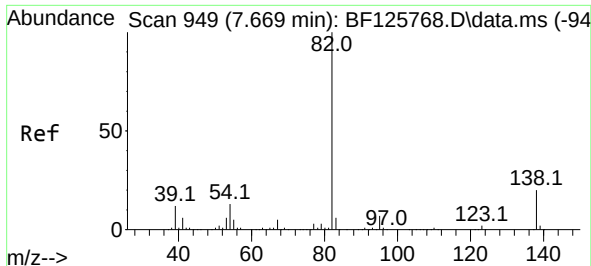
Tgt Ion:136	Resp: 693002
Ion Ratio	Lower Upper
136 100	
137 10.7	9.8 14.6
54 6.4	6.4 9.6
68 5.9	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 60.988 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

Tgt Ion: 82	Resp: 679930
Ion Ratio	Lower Upper
82 100	
128 48.5	40.6 60.8
54 44.3	49.6 74.4#

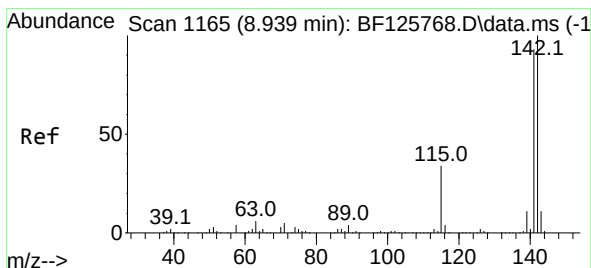
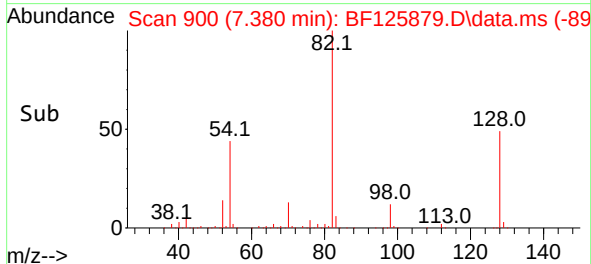
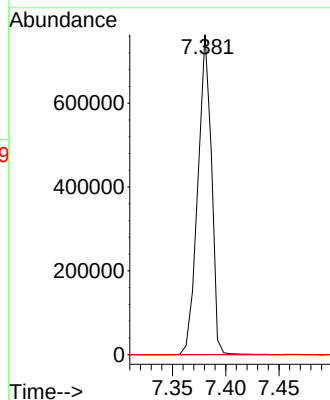
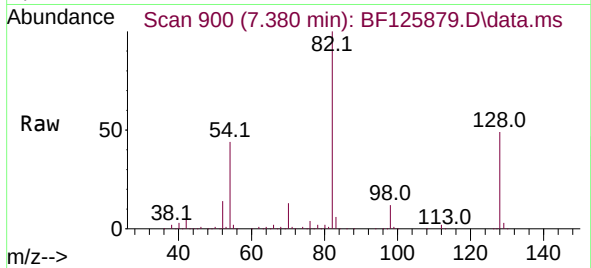




#25
Isophorone
Concen: 34.275 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.271 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

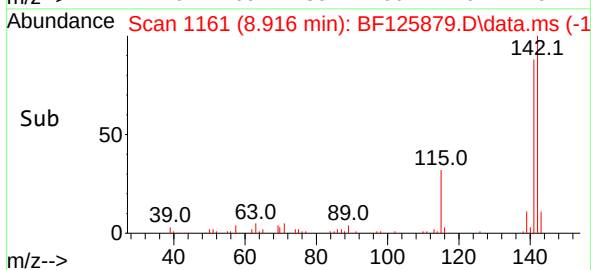
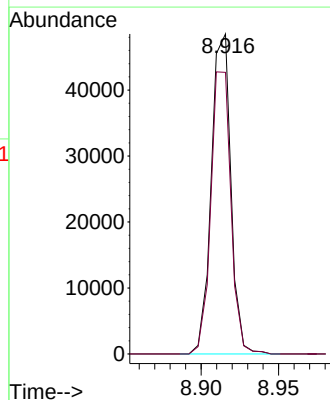
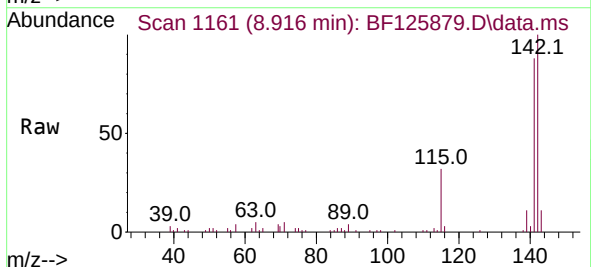
Instrument :
BNA_F
ClientSampleId :
TP2-(D)

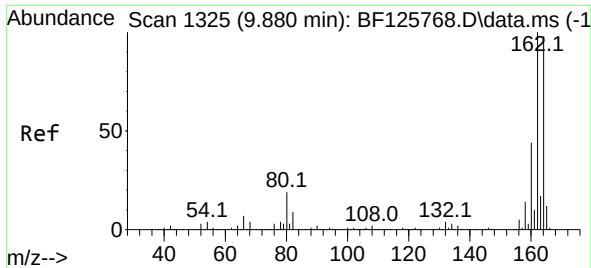
Tgt Ion: 82 Resp: 676981
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#38
1-Methylnaphthalene
Concen: 2.022 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

Tgt Ion: 142 Resp: 42587
Ion Ratio Lower Upper
142 100
141 88.0 76.0 114.0

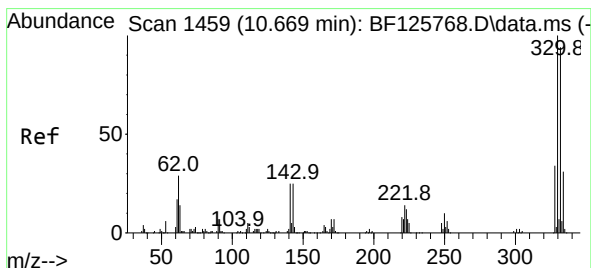
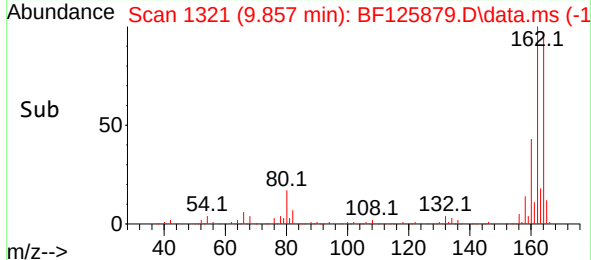
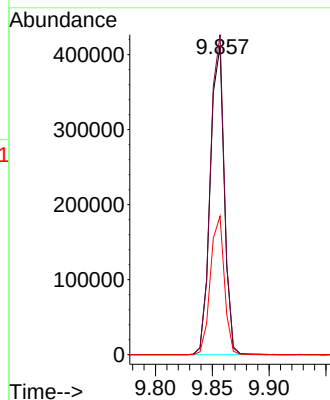
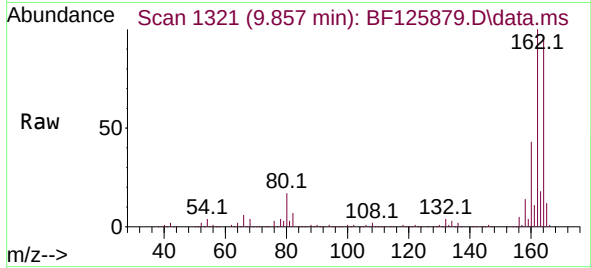




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

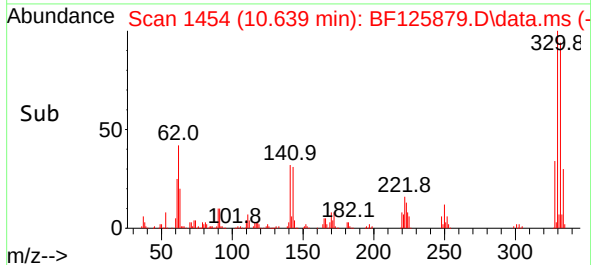
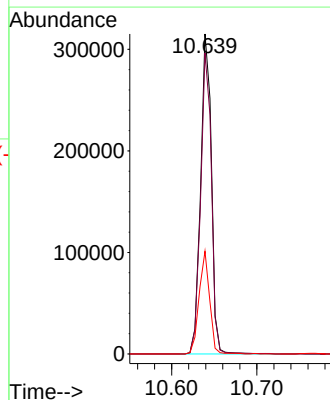
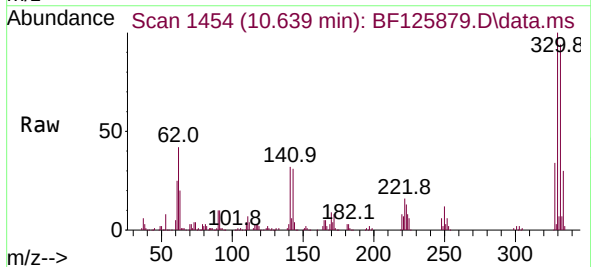
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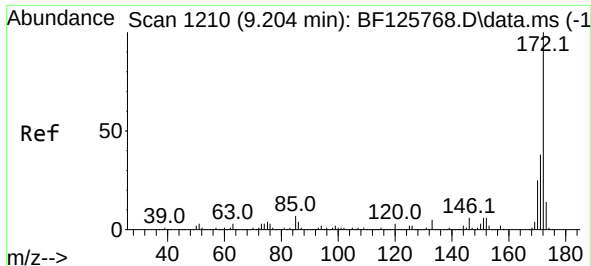
Tgt Ion:164 Resp: 352570
Ion Ratio Lower Upper
164 100
162 103.7 81.3 121.9
160 44.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 79.807 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

Tgt Ion:330 Resp: 277803
Ion Ratio Lower Upper
330 100
332 94.1 76.2 114.4
141 31.3 44.6 66.8#

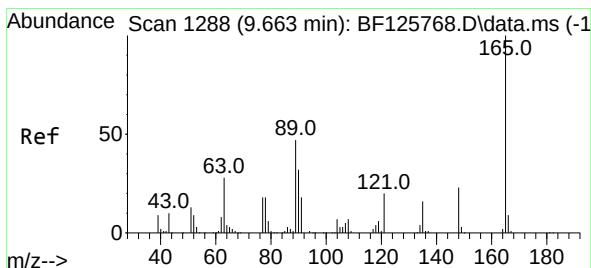
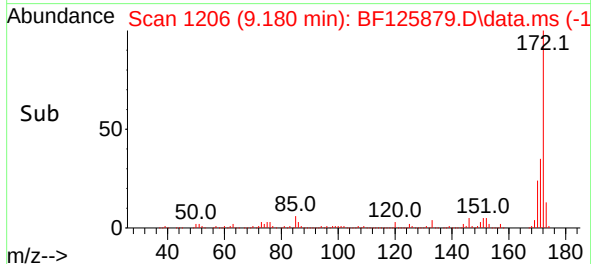
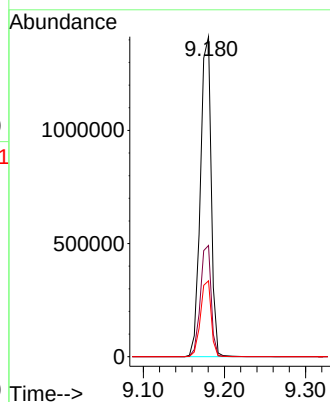
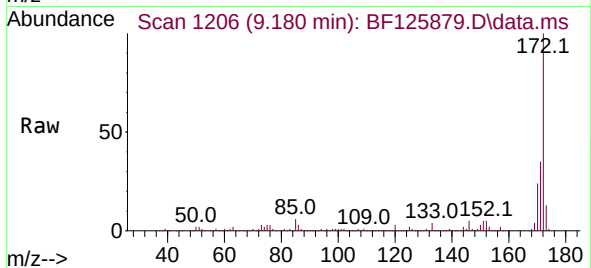




#45
2-Fluorobiphenyl
Concen: 64.117 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

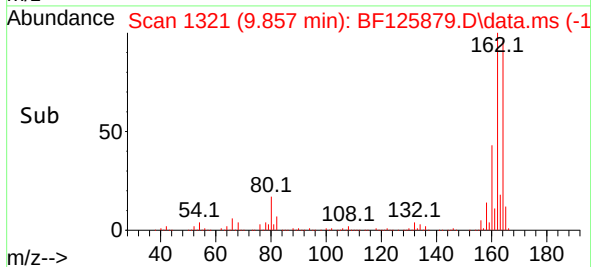
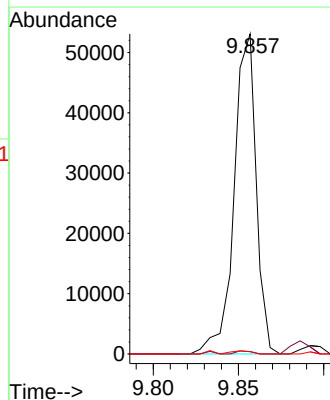
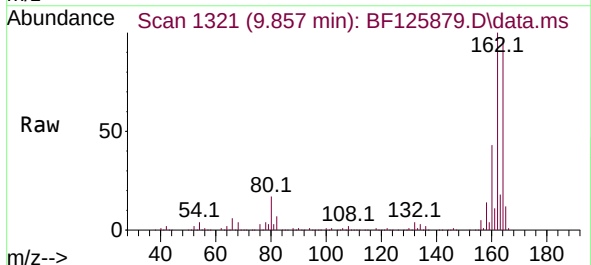
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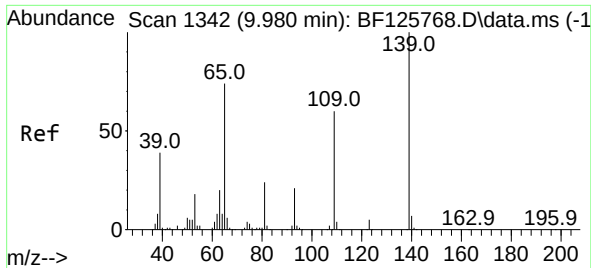
Tgt Ion:172 Resp: 1310603
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 23.7 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 10.208 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.218 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

Tgt Ion:165 Resp: 47889
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.7 40.6 60.8#

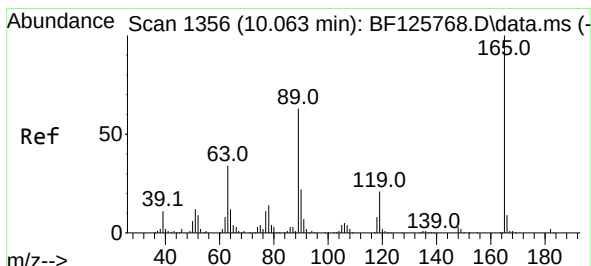
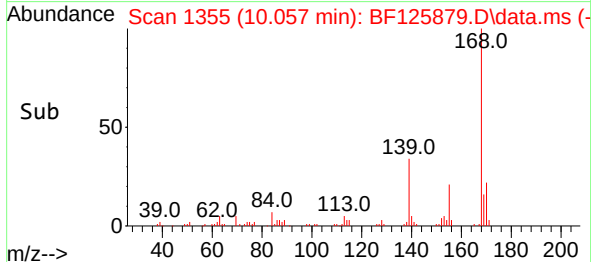
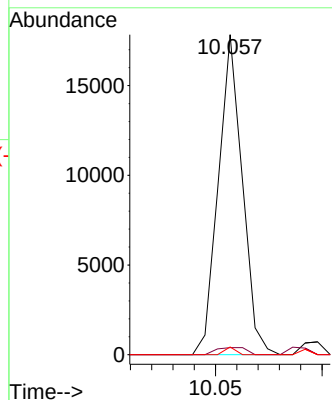
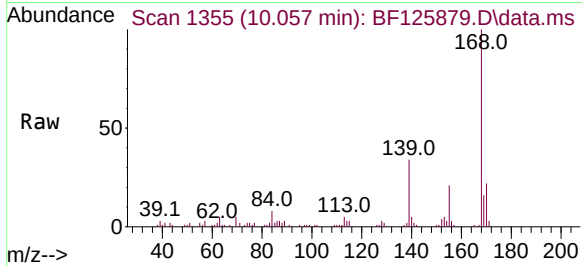




#56
4-Nitrophenol
Concen: 3.374 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.094 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

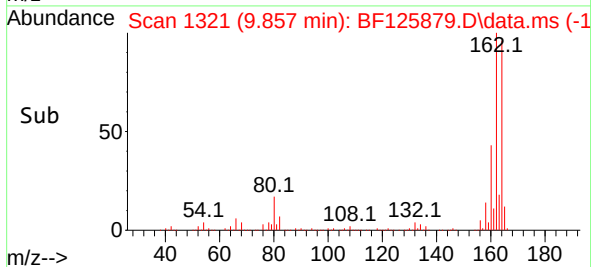
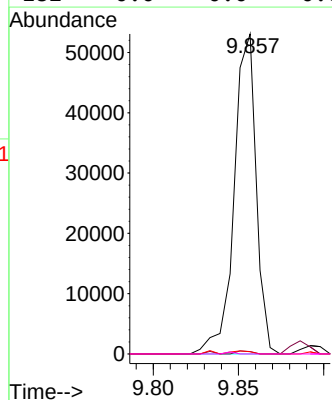
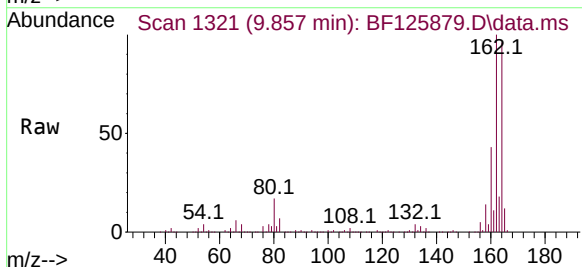
Instrument :
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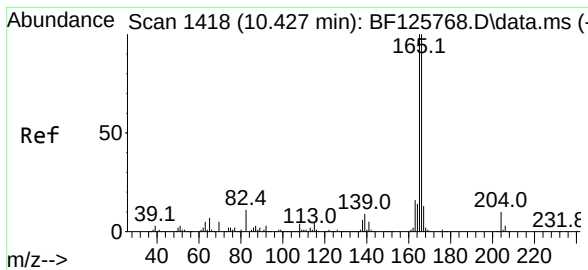
Tgt Ion:139 Resp: 13950
Ion Ratio Lower Upper
139 100
109 2.2 60.4 100.4#
65 2.4 58.4 98.4#



#57
2,4-Dinitrotoluene
Concen: 8.073 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.188 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

Tgt Ion:165 Resp: 47889
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 0.7 59.7 89.5#
182 0.0 0.0 0.0

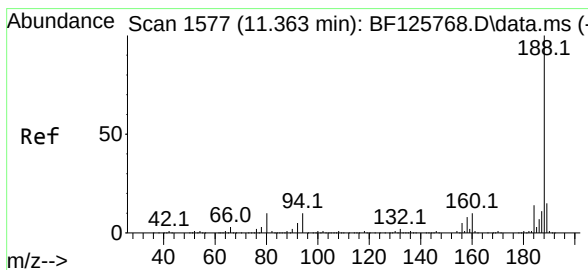
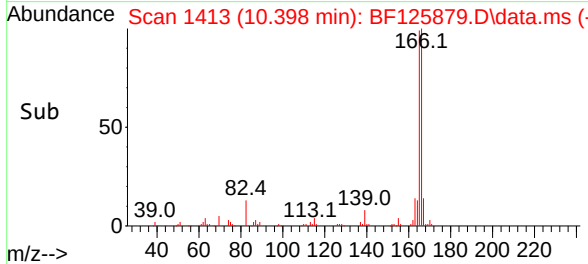
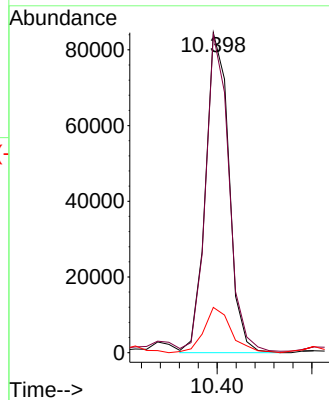
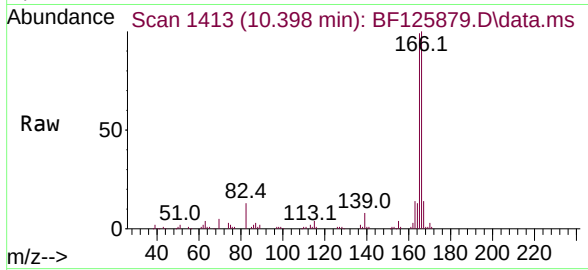




#58
 Fluorene
 Concen: 3.432 ng
 RT: 10.398 min Scan# 1413
 Delta R.T. -0.012 min
 Lab File: BF125879.D
 Acq: 18 Oct 2021 16:12

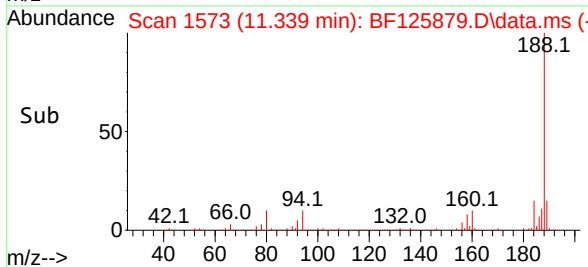
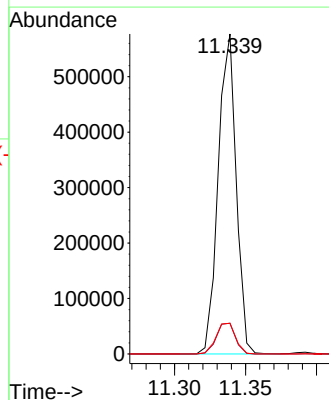
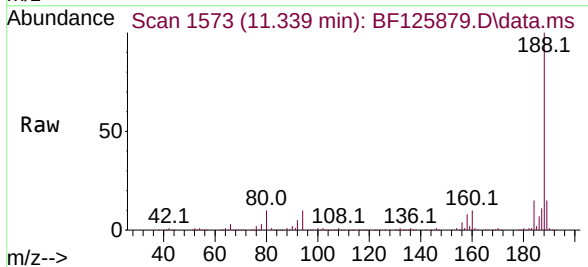
Instrument :
 BNA_F
 ClientSampled :
 TP2-(D)

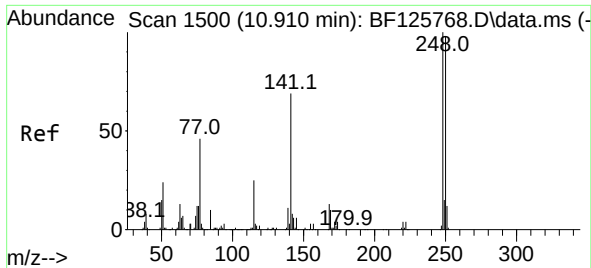
Tgt Ion:166 Resp: 72503
 Ion Ratio Lower Upper
 166 100
 165 99.5 78.1 117.1
 167 14.2 11.1 16.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.339 min Scan# 1573
 Delta R.T. -0.000 min
 Lab File: BF125879.D
 Acq: 18 Oct 2021 16:12

Tgt Ion:188 Resp: 507233
 Ion Ratio Lower Upper
 188 100
 94 9.6 6.7 10.1
 80 9.6 7.5 11.3

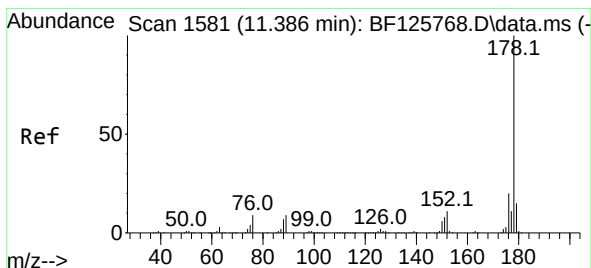
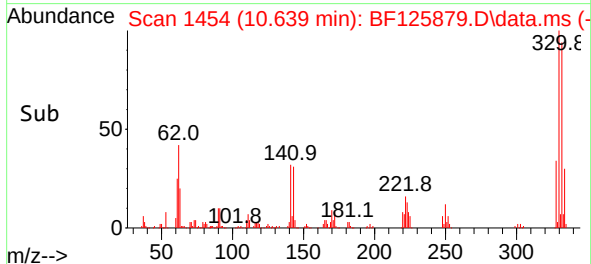
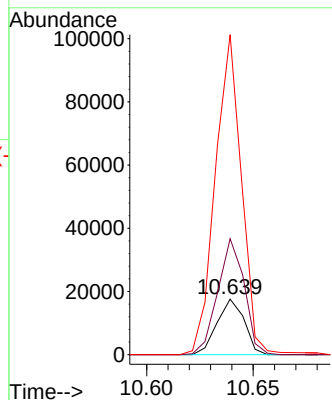
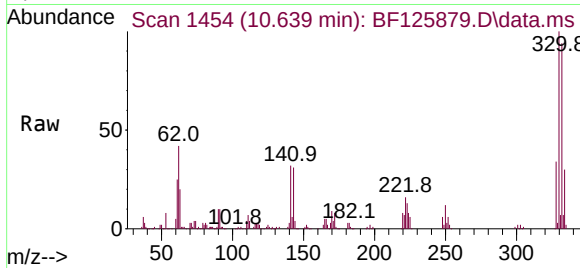




#67
4-Bromophenyl-phenylether
Concen: 2.777 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

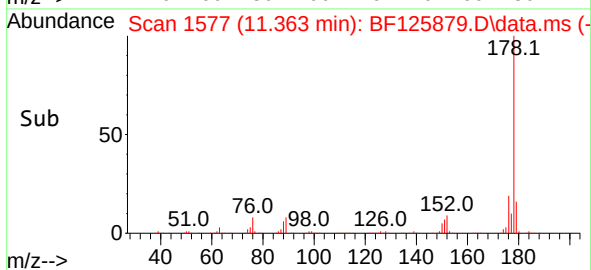
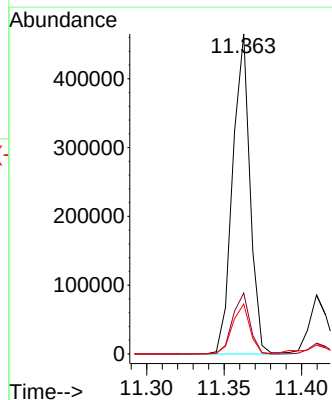
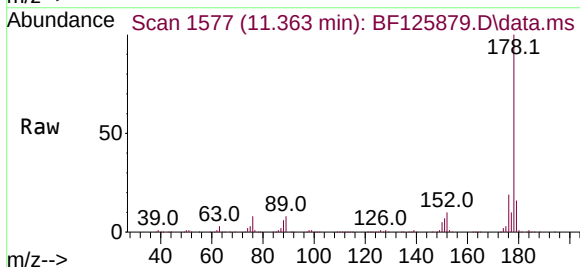
Instrument :
BNA_F
ClientSampleId :
TP2-(D)

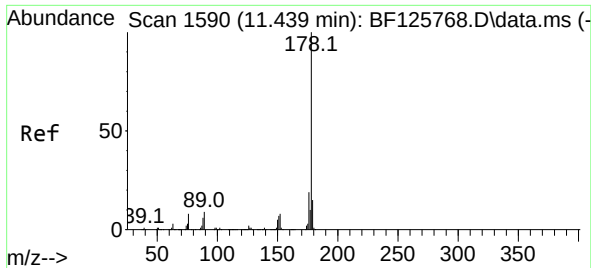
Tgt Ion:248 Resp: 15602
Ion Ratio Lower Upper
248 100
250 209.2 74.2 111.4#
141 576.6 60.4 90.6#



#71
Phenanthrene
Concen: 13.336 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

Tgt Ion:178 Resp: 361926
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 15.6 11.5 17.3

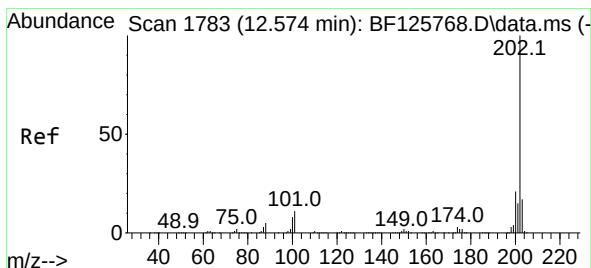
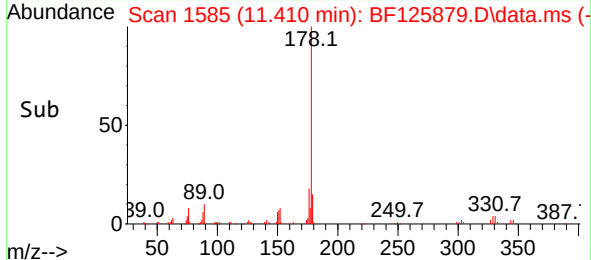
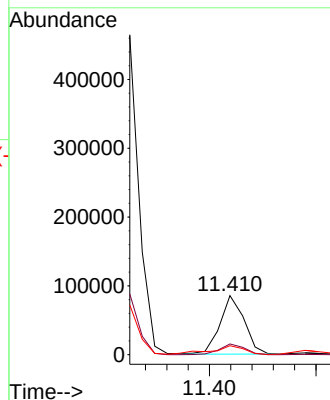
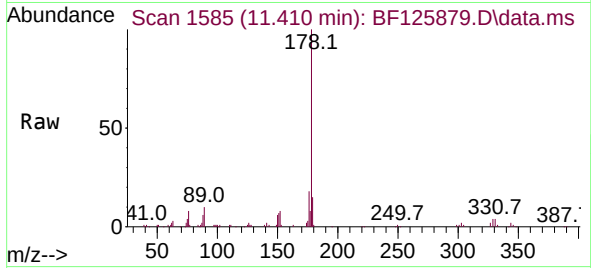




#72
 Anthracene
 Concen: 2.487 ng
 RT: 11.410 min Scan# 1585
 Delta R.T. -0.012 min
 Lab File: BF125879.D
 Acq: 18 Oct 2021 16:12

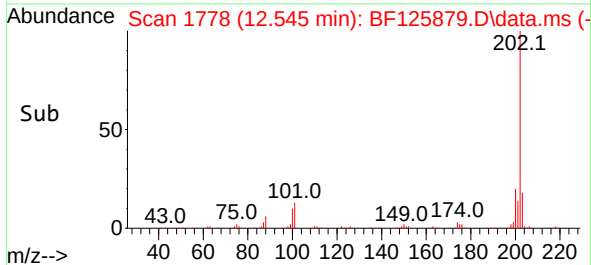
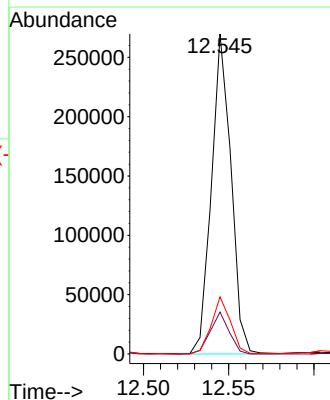
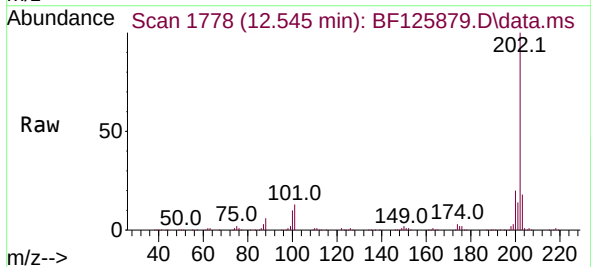
Instrument :
 BNA_F
 ClientSampleId :
 TP2-(D)

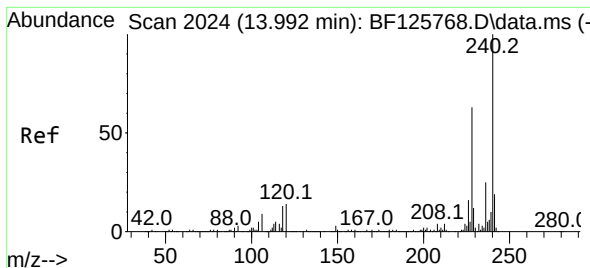
Tgt Ion:	178	Resp:	67421
Ion Ratio	Lower	Upper	
178	100		
176	18.2	14.3	21.5
179	15.3	12.2	18.4



#75
 Fluoranthene
 Concen: 8.818 ng
 RT: 12.545 min Scan# 1778
 Delta R.T. -0.006 min
 Lab File: BF125879.D
 Acq: 18 Oct 2021 16:12

Tgt Ion:	202	Resp:	215941
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	30.7
203	17.8	0.0	36.3

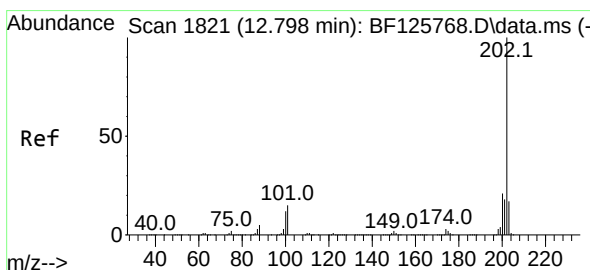
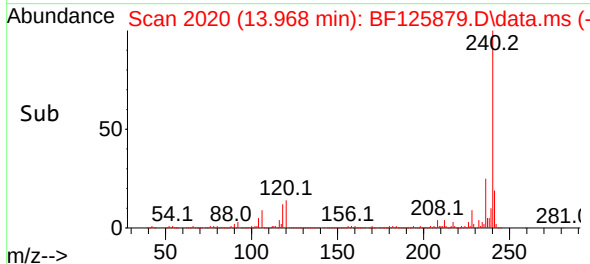
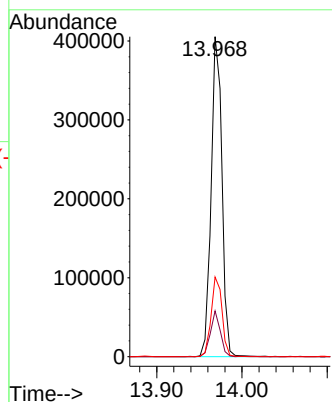
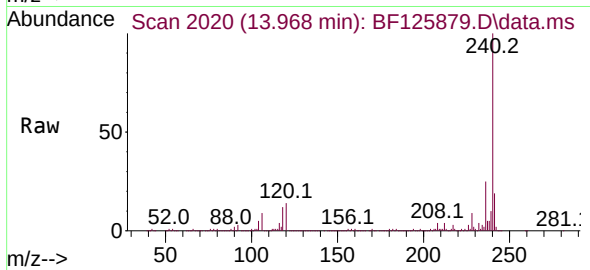




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

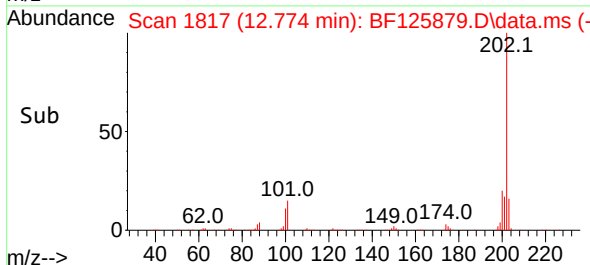
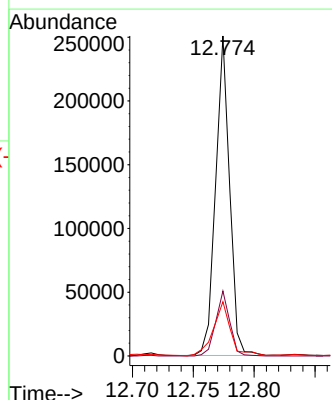
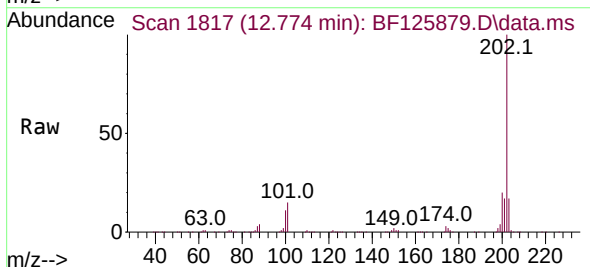
Instrument :
BNA_F
ClientSampleId :
TP2-(D)

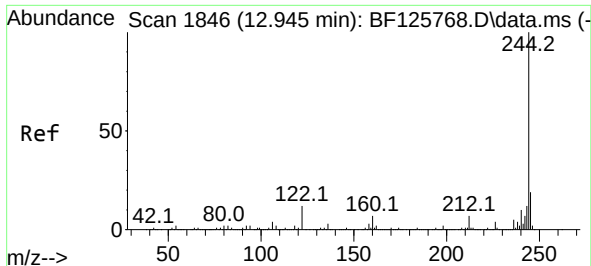
Tgt Ion:240 Resp: 357242
Ion Ratio Lower Upper
240 100
120 14.3 10.8 16.2
236 24.9 21.6 32.4



#78
Pyrene
Concen: 5.532 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

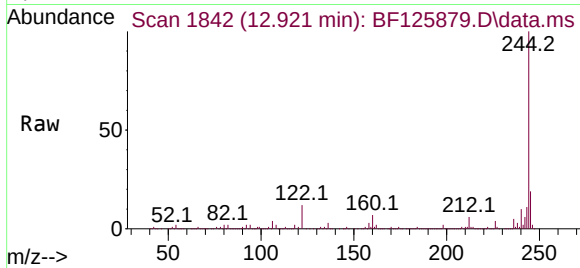
Tgt Ion:202 Resp: 200781
Ion Ratio Lower Upper
202 100
200 20.3 15.3 22.9
203 16.9 13.4 20.0



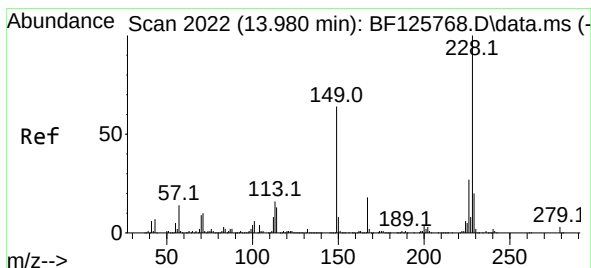
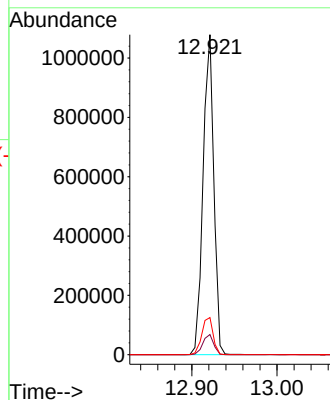
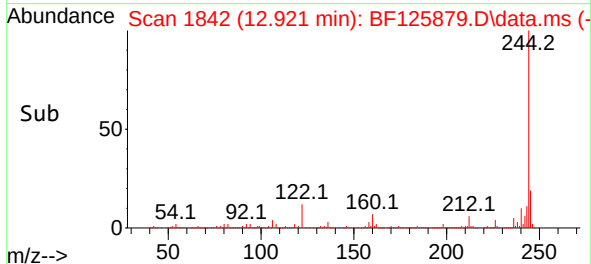


#79
 Terphenyl-d14
 Concen: 40.167 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF125879.D
 Acq: 18 Oct 2021 16:12

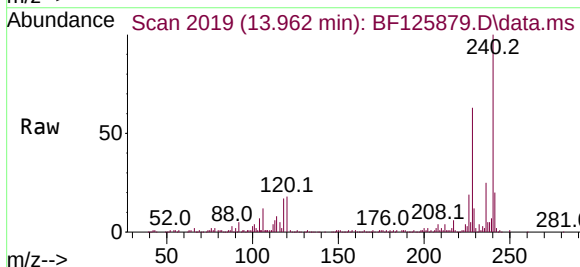
Instrument :
 BNA_F
 ClientSampleId :
 TP2-(D)



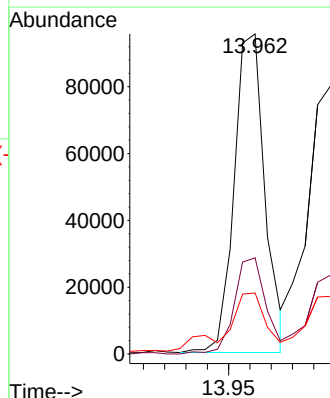
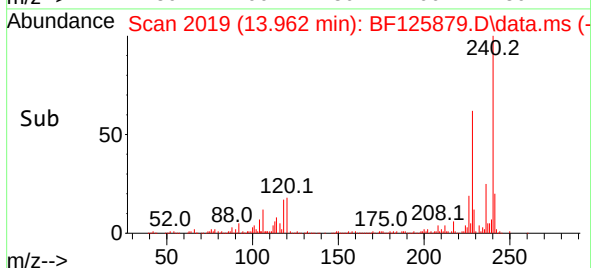
Tgt Ion:244 Resp: 942029
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.9 8.9
 122 11.6 9.0 13.4

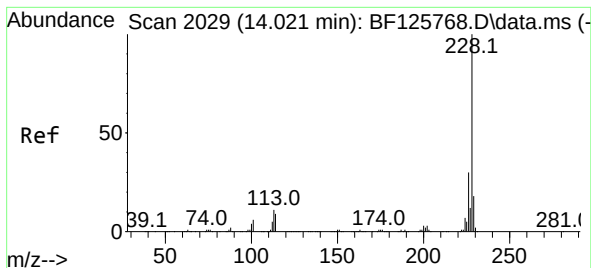


#81
 Benzo(a)anthracene
 Concen: 4.133 ng
 RT: 13.962 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: BF125879.D
 Acq: 18 Oct 2021 16:12



Tgt Ion:228 Resp: 95785
 Ion Ratio Lower Upper
 228 100
 226 30.0 21.6 32.4
 229 19.0 15.6 23.4





#83

Chrysene

Concen: 3.674 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF125879.D

Acq: 18 Oct 2021 16:12

Tgt Ion:228 Resp: 84164

Ion Ratio Lower Upper

228 100

226 29.4 22.6 34.0

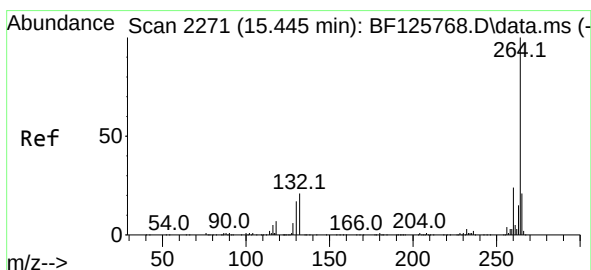
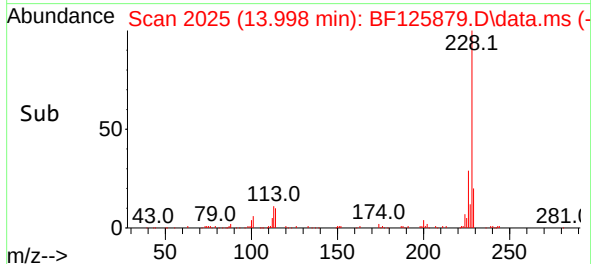
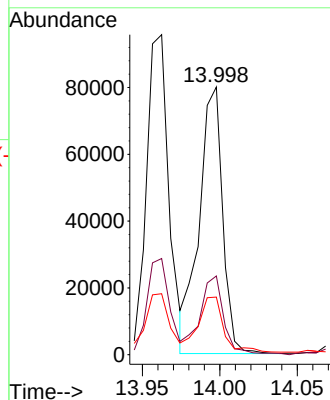
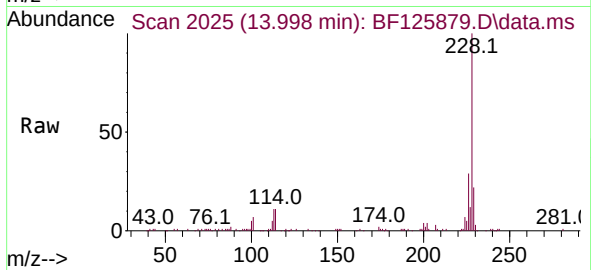
229 21.5 15.9 23.9

Instrument :

BNA_F

ClientSampleId :

TP2-(D)



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2267

Delta R.T. -0.000 min

Lab File: BF125879.D

Acq: 18 Oct 2021 16:12

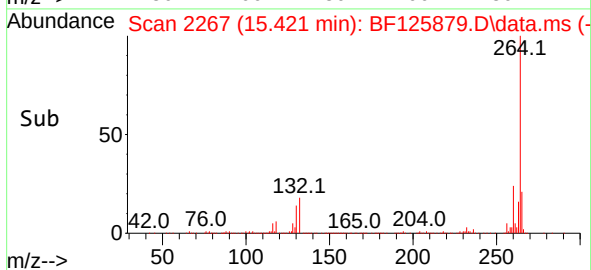
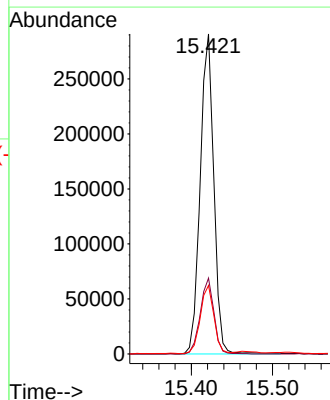
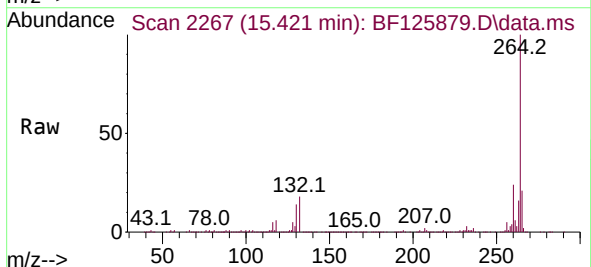
Tgt Ion:264 Resp: 338609

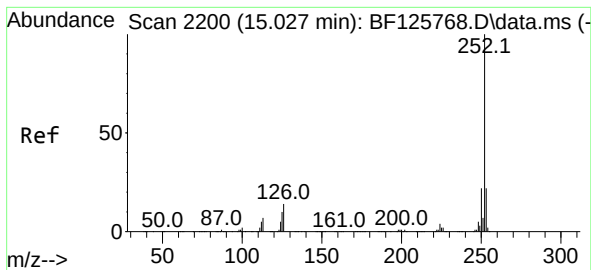
Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 21.4 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 6.259 ng

RT: 14.998 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF125879.D

Acq: 18 Oct 2021 16:12

Tgt Ion:252 Resp: 119645

Ion Ratio Lower Upper

252 100

253 22.2 16.8 25.2

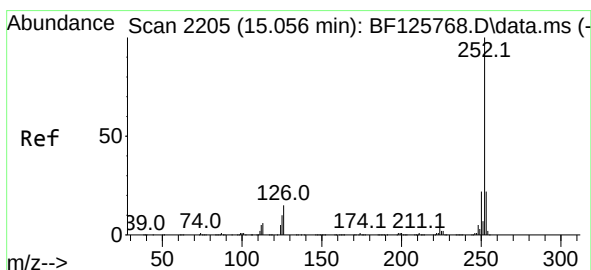
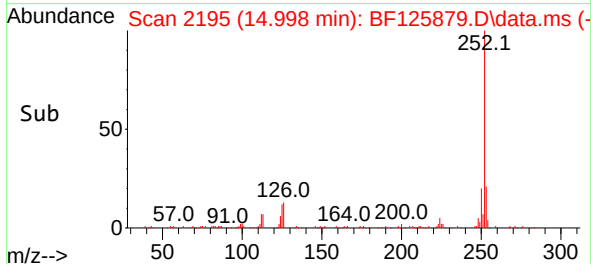
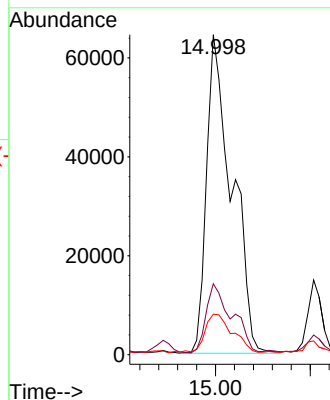
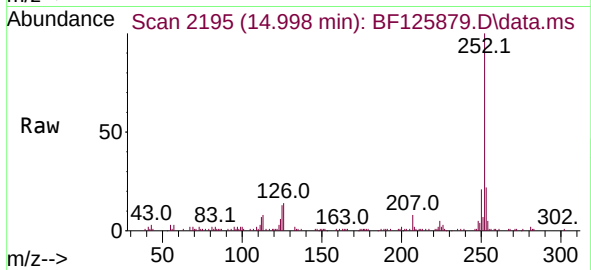
125 12.7 9.8 14.8

Instrument :

BNA_F

ClientSampleId :

TP2-(D)



#89

Benzo(k)fluoranthene

Concen: 6.096 ng

RT: 14.998 min Scan# 2195

Delta R.T. -0.030 min

Lab File: BF125879.D

Acq: 18 Oct 2021 16:12

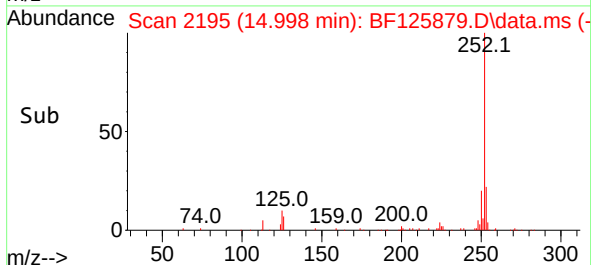
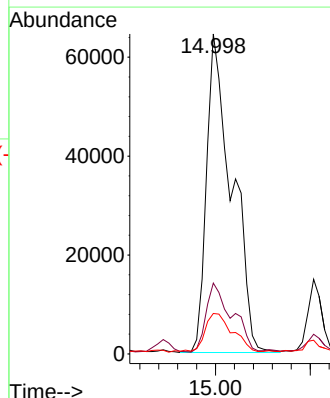
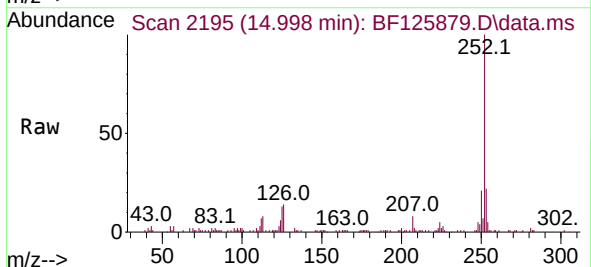
Tgt Ion:252 Resp: 119645

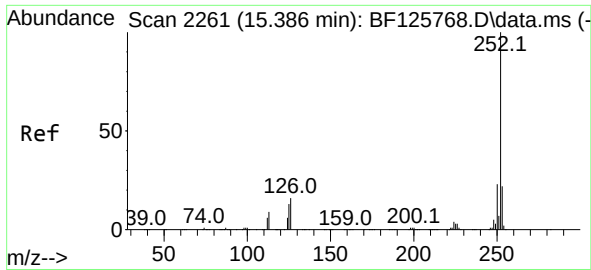
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

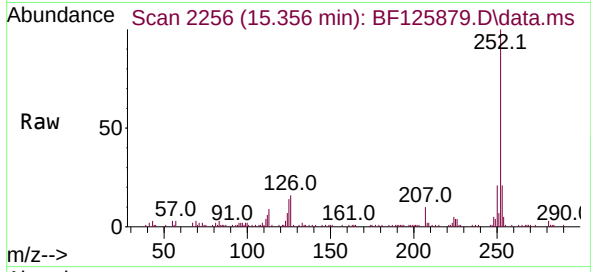
125 12.7 7.2 10.8#





#90
Benzo(a)pyrene
Concen: 3.779 ng
RT: 15.356 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF125879.D
Acq: 18 Oct 2021 16:12

Instrument :
BNA_F
ClientSampleId :
TP2-(D)



Tgt Ion:252 Resp: 63974
Ion Ratio Lower Upper
252 100
253 21.1 18.4 27.6
125 13.6 9.9 14.9

