

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
 Data File : BF125826.D
 Acq On : 13 Oct 2021 14:46
 Operator : JU/CG
 Sample : M4127-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26644

Quant Time: Oct 14 01:19:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 13:23:32 2021
 Response via : Initial Calibration

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

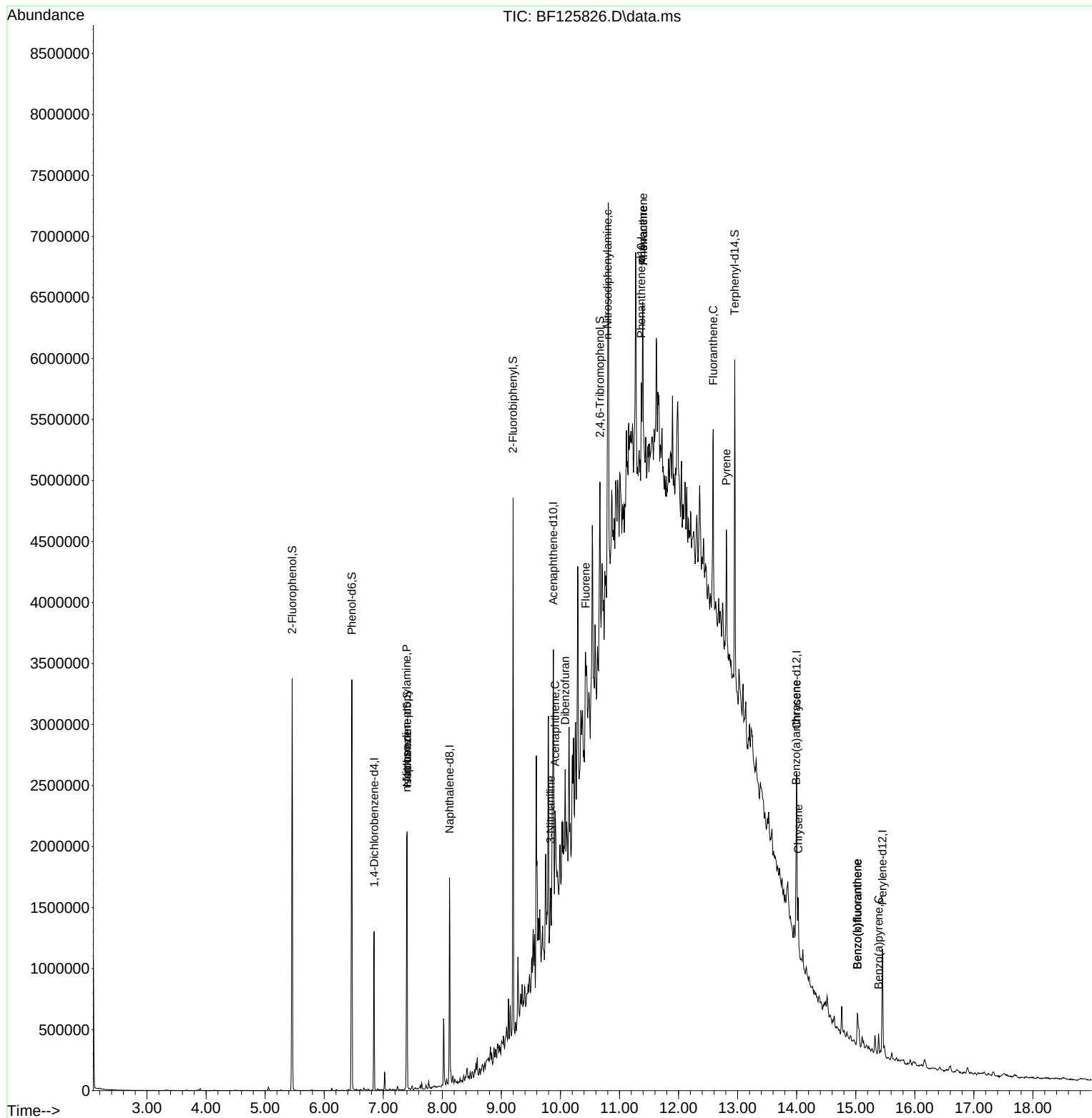
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	189773	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	718798	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	295733	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	370875	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	443078	20.000	ng	0.00
86) Perylene-d12	15.451	264	383601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1031301	88.778	ng	0.00
7) Phenol-d6	6.469	99	1229681	82.228	ng	0.00
23) Nitrobenzene-d5	7.404	82	718158	62.105	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	221769	75.953	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1213091	70.752	ng	0.00
79) Terphenyl-d14	12.951	244	1008998	34.688	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	90126	11.416	ng	# 52
25) Isophorone	7.404	82	715261	34.914	ng	# 59
52) Acenaphthene	9.910	154	141433	8.756	ng	98
53) 3-Nitroaniline	9.833	138	10959	2.355	ng	# 22
55) Dibenzofuran	10.080	168	106567	4.404	ng	# 89
58) Fluorene	10.427	166	132709	7.488	ng	93
66) n-Nitrosodiphenylamine	10.798	169	122260	9.664	ng	91
71) Phenanthrene	11.398	178	567553	28.602	ng	# 95
72) Anthracene	11.398	178	567553	28.637	ng	95
75) Fluoranthene	12.586	202	680385	37.999	ng	97
78) Pyrene	12.810	202	527501	11.719	ng	96
81) Benzo(a)anthracene	13.992	228	190700	6.634	ng	97
83) Chrysene	14.027	228	184618	6.498	ng	96
88) Benzo(b)fluoranthene	15.027	252	191041	8.821	ng	# 92
89) Benzo(k)fluoranthene	15.027	252	191041	8.592	ng	# 91
90) Benzo(a)pyrene	15.386	252	76578	3.993	ng	# 96

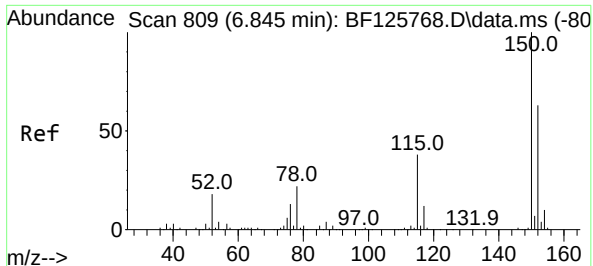
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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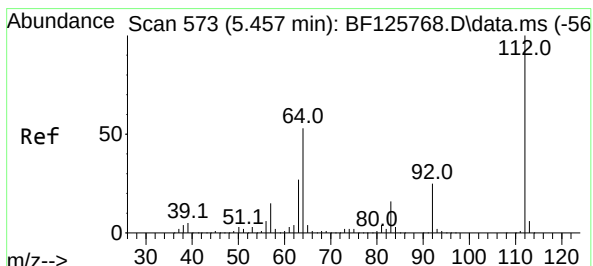
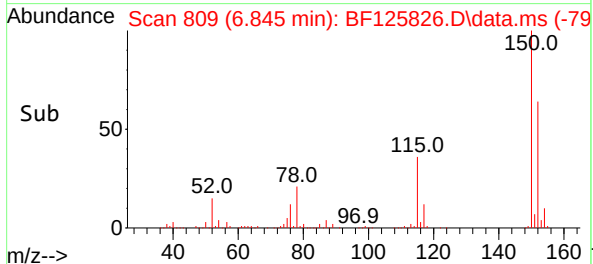
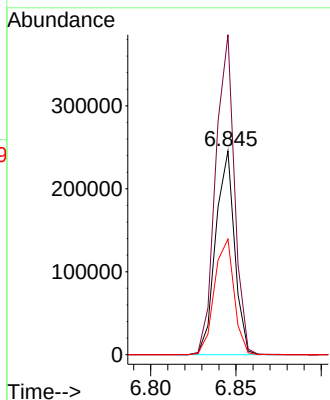
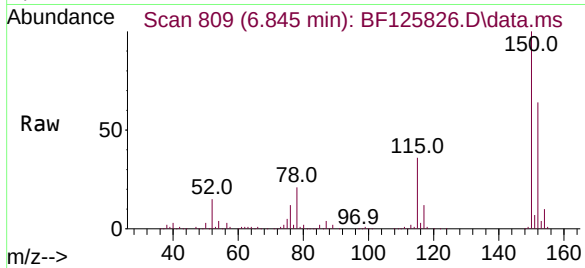




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

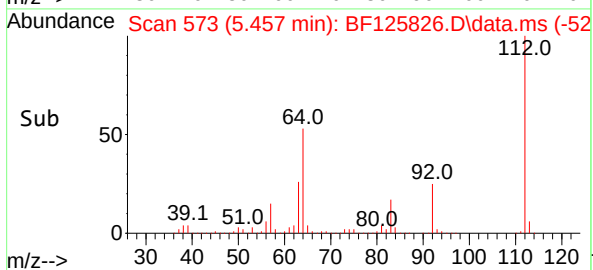
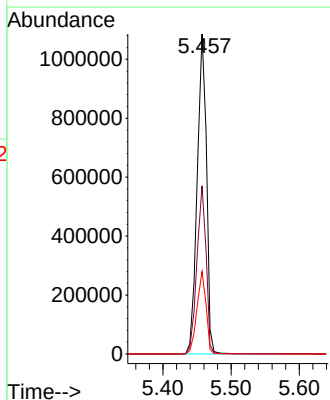
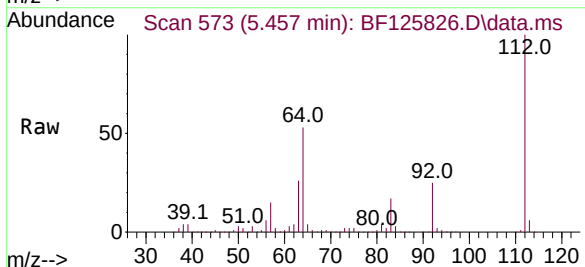
Instrument :
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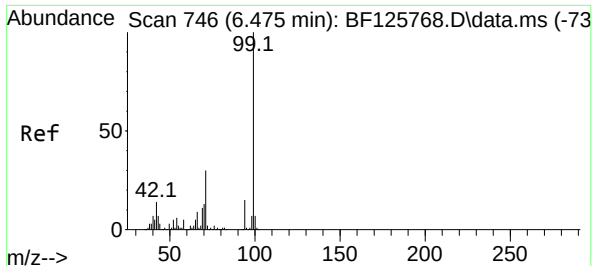
Tgt Ion:152 Resp: 189773
Ion Ratio Lower Upper
152 100
150 157.1 117.6 176.4
115 56.7 47.1 70.7



#5
2-Fluorophenol
Concen: 88.778 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

Tgt Ion:112 Resp: 1031301
Ion Ratio Lower Upper
112 100
64 52.5 44.2 66.2
63 25.8 26.2 39.2#

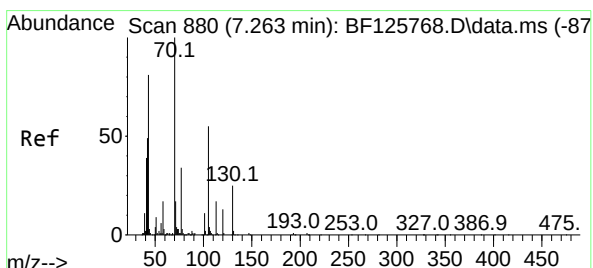
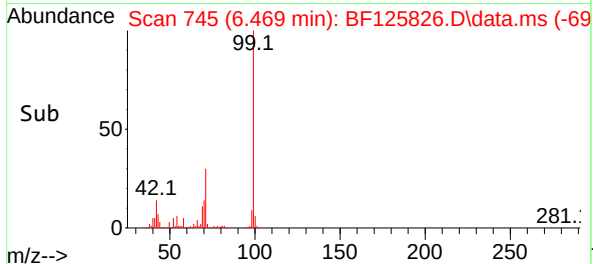
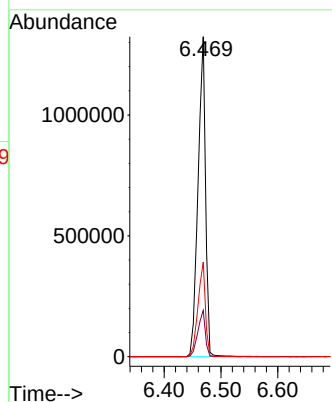
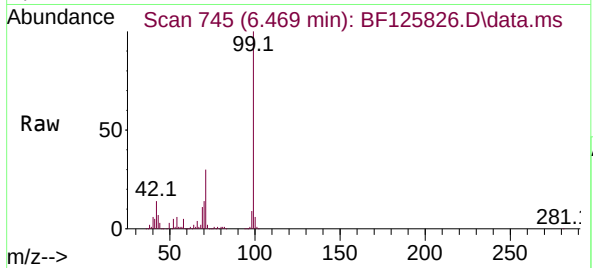




#7
Phenol-d6
Concen: 82.228 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

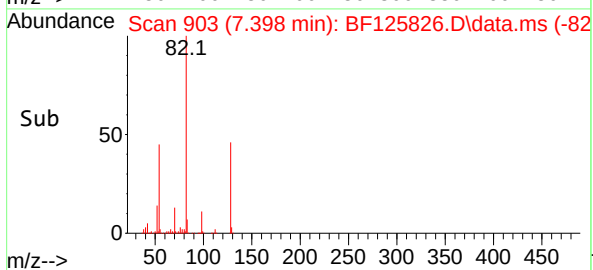
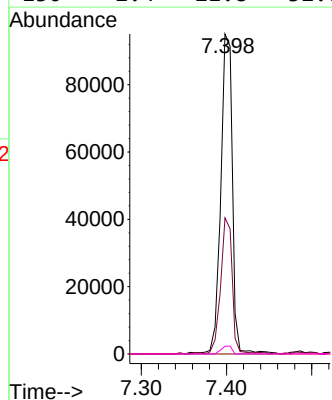
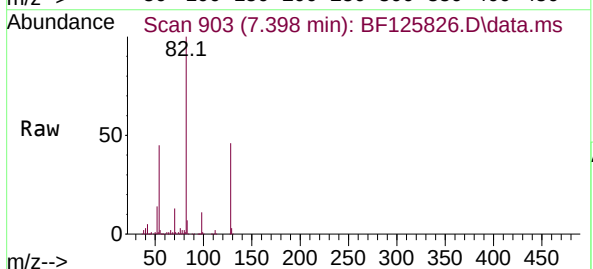
Instrument :
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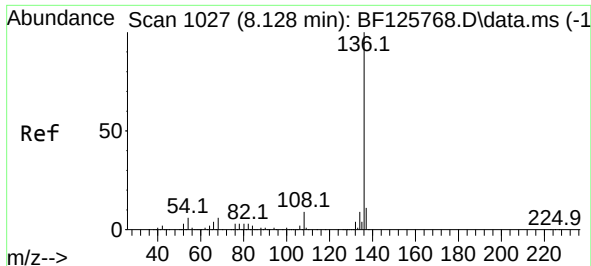
Tgt Ion: 99 Resp: 1229681
Ion Ratio Lower Upper
99 100
42 14.5 23.5 35.3#
71 29.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.416 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

Tgt Ion: 70 Resp: 90126
Ion Ratio Lower Upper
70 100
42 42.5 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#

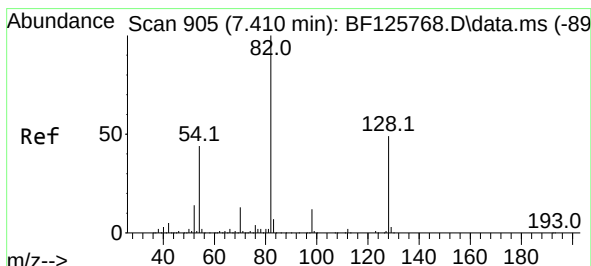
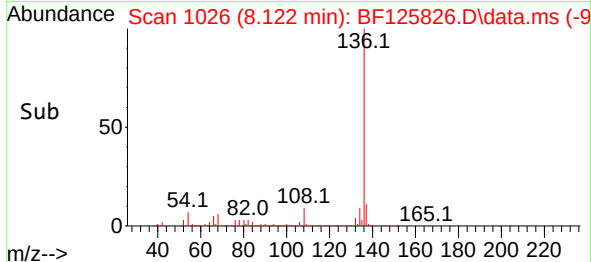
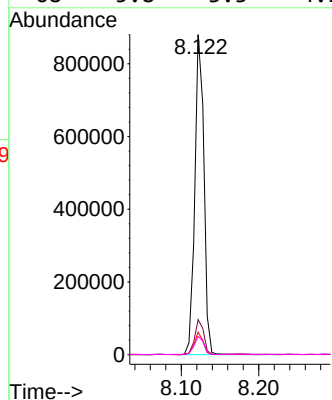
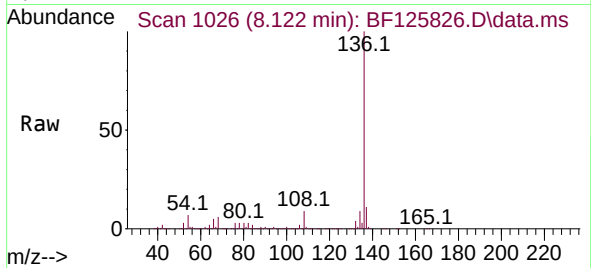




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

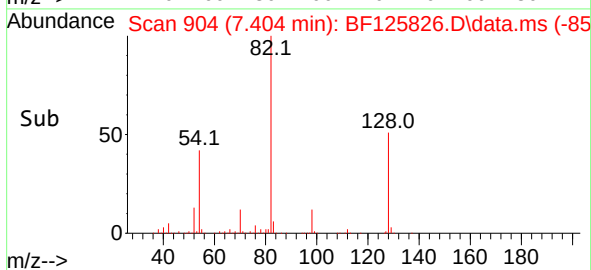
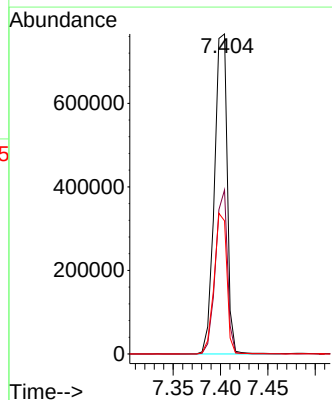
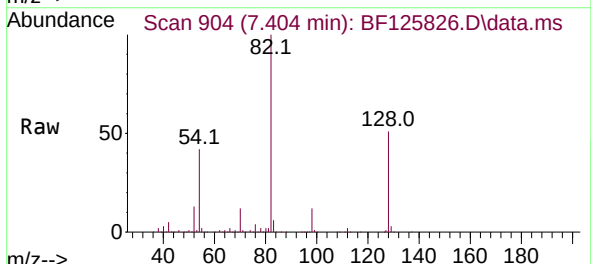
Instrument :
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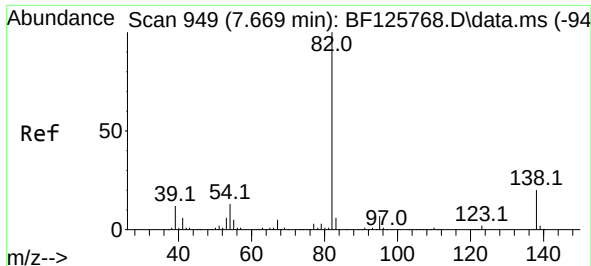
Tgt Ion:136	Resp: 718798
Ion Ratio	Lower Upper
136 100	
137 10.9	9.8 14.6
54 7.1	6.4 9.6
68 5.8	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 62.105 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

Tgt Ion: 82	Resp: 718158
Ion Ratio	Lower Upper
82 100	
128 51.2	40.6 60.8
54 41.6	49.6 74.4#

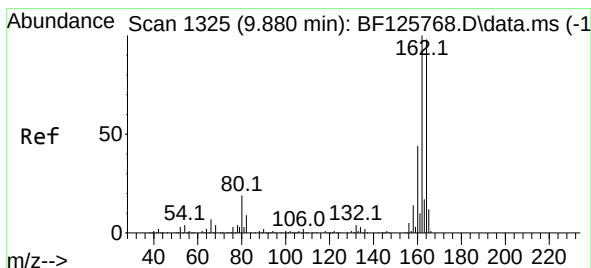
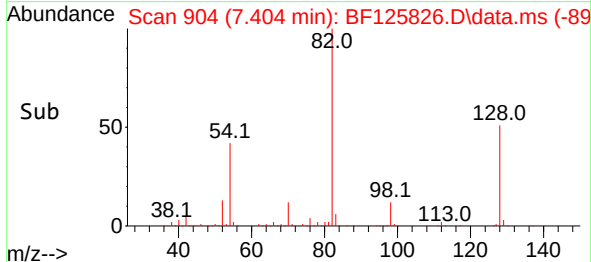
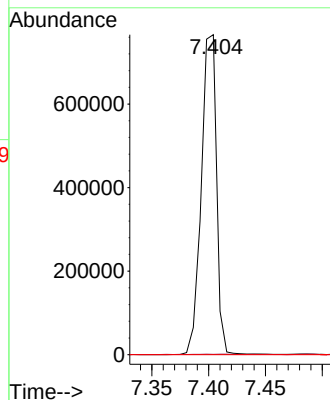
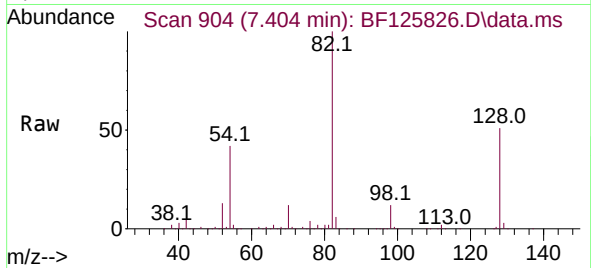




#25
Isophorone
Concen: 34.914 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

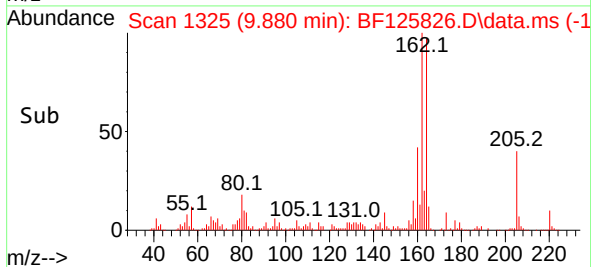
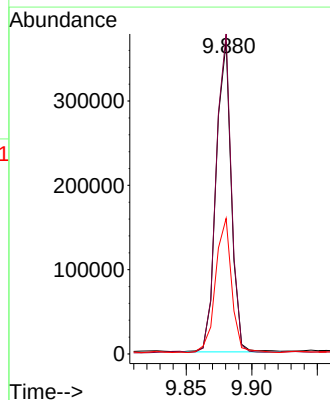
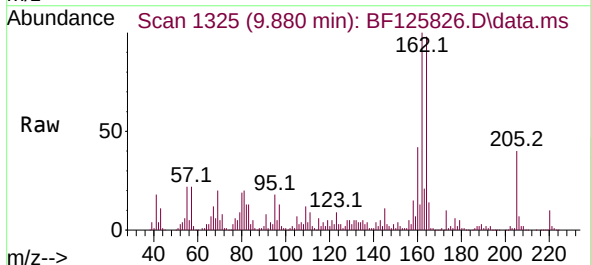
Instrument :
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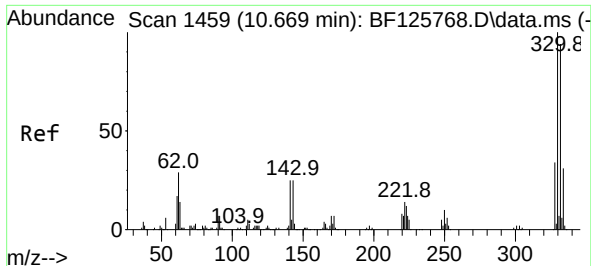
Tgt Ion: 82 Resp: 715261
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

Tgt Ion: 164 Resp: 295733
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 43.4 38.0 57.0

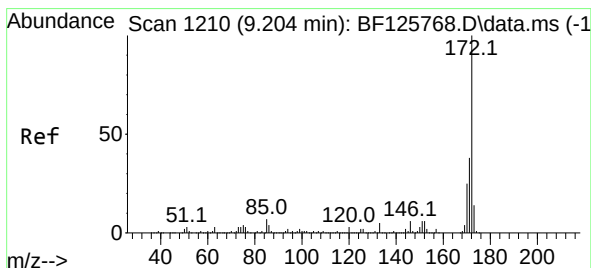
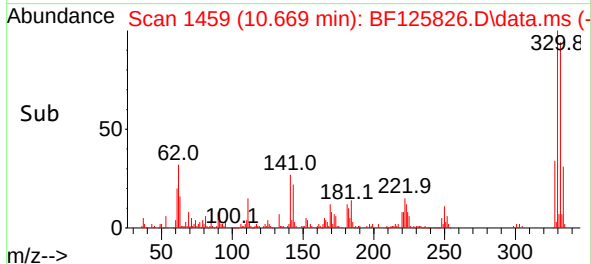
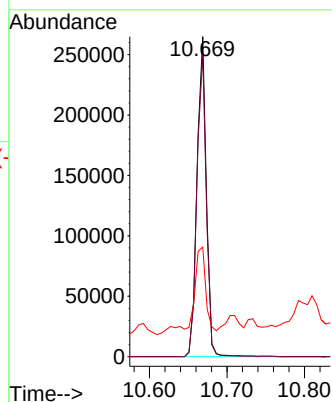
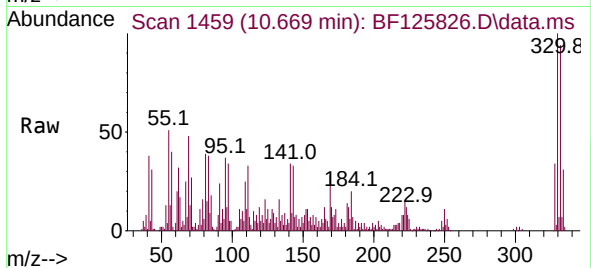




#42
2,4,6-Tribromophenol
Concen: 75.953 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

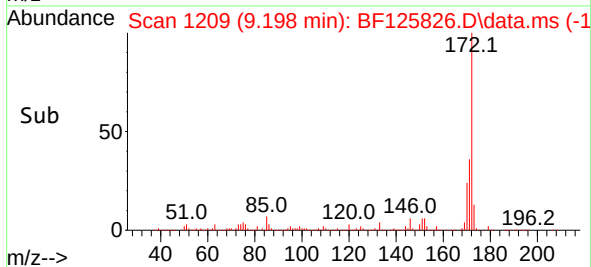
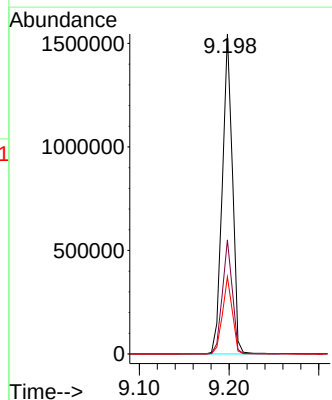
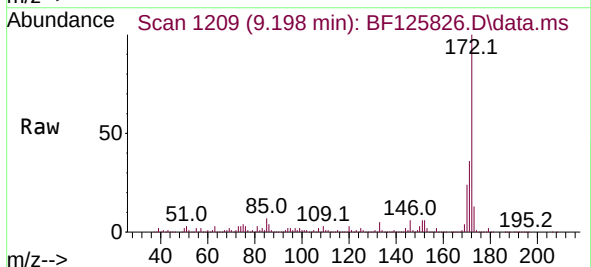
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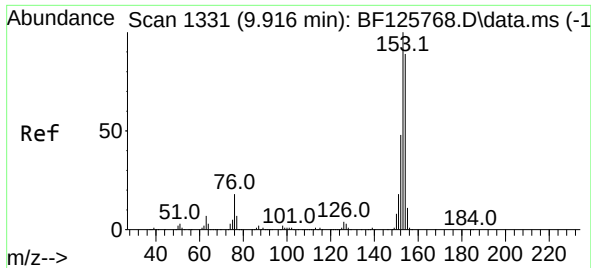
Tgt Ion: 330 Resp: 221769
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 28.7 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 70.752 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

Tgt Ion: 172 Resp: 1213091
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 24.1 18.8 28.2

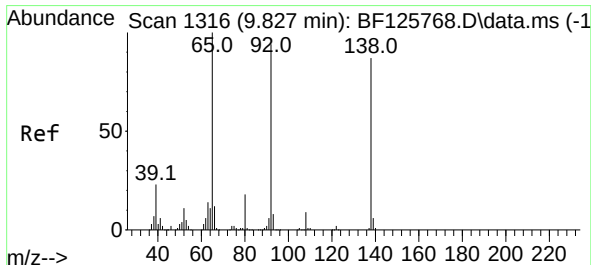
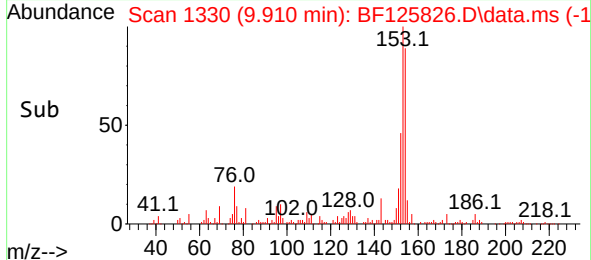
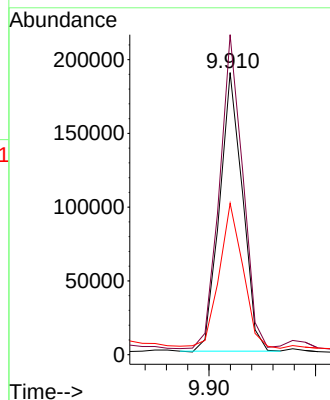
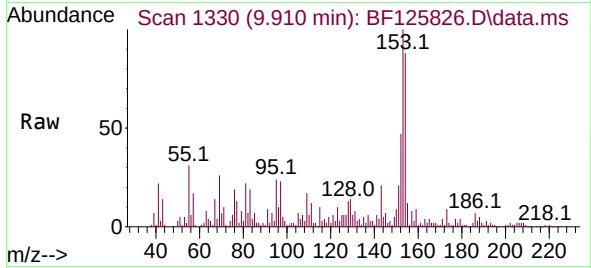




#52
Acenaphthene
Concen: 8.756 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

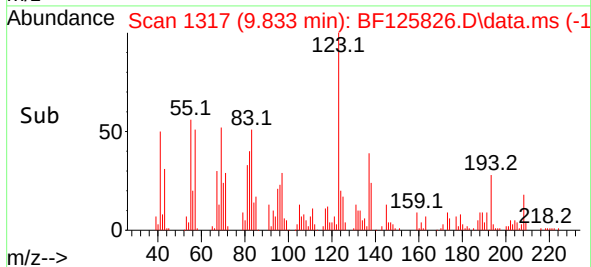
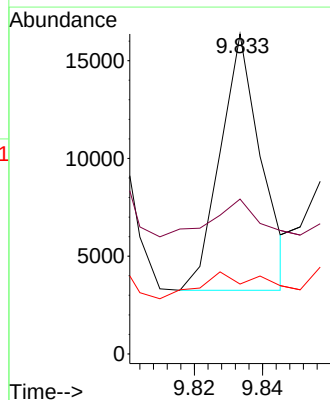
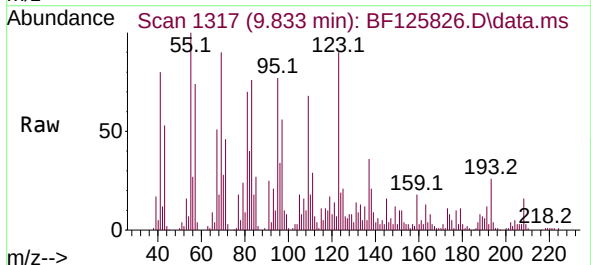
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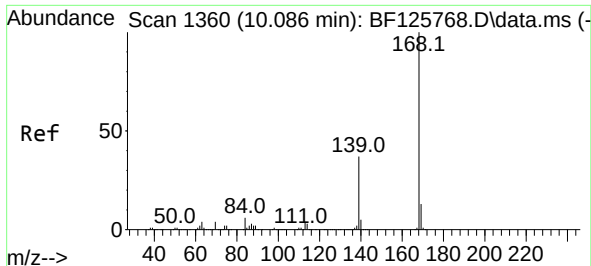
Tgt Ion:154 Resp: 141433
Ion Ratio Lower Upper
154 100
153 113.4 89.4 134.2
152 53.7 40.5 60.7



#53
3-Nitroaniline
Concen: 2.355 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

Tgt Ion:138 Resp: 10959
Ion Ratio Lower Upper
138 100
108 48.4 9.3 13.9#
92 21.8 76.5 114.7#

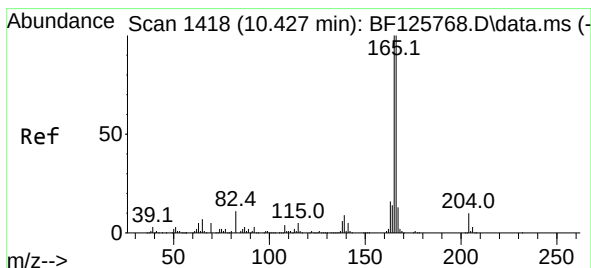
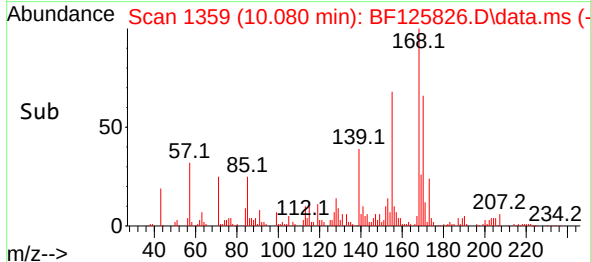
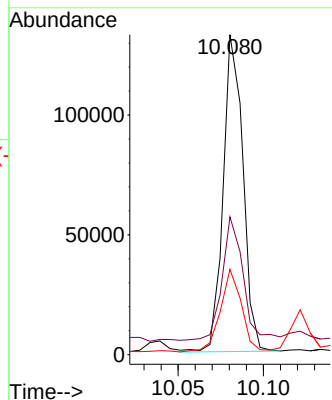
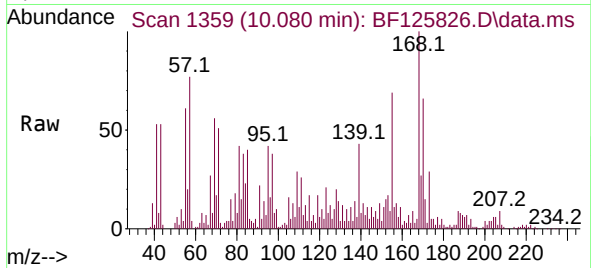




#55
Dibenzenofuran
Concen: 4.404 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

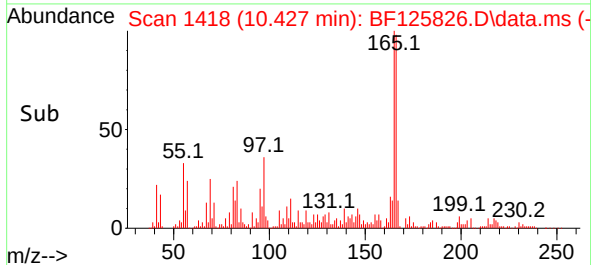
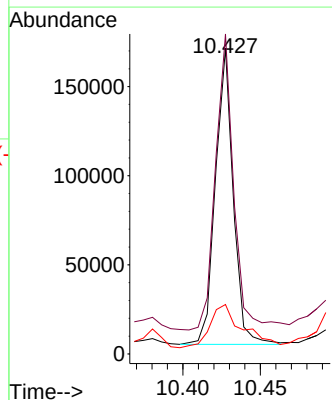
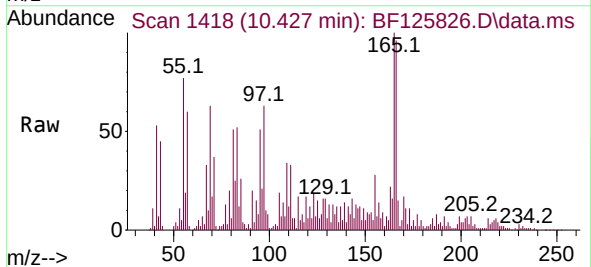
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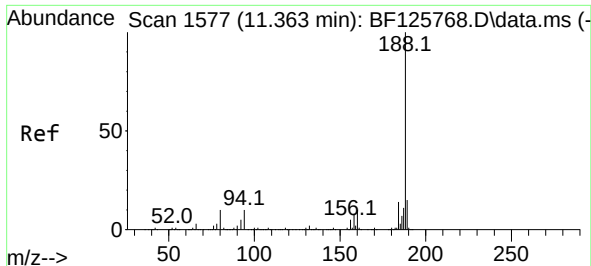
Tgt Ion:168 Resp: 106567
Ion Ratio Lower Upper
168 100
139 43.0 32.7 49.1
169 26.7 11.2 16.8#



#58
Fluorene
Concen: 7.488 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

Tgt Ion:166 Resp: 132709
Ion Ratio Lower Upper
166 100
165 104.7 78.1 117.1
167 16.1 11.1 16.7

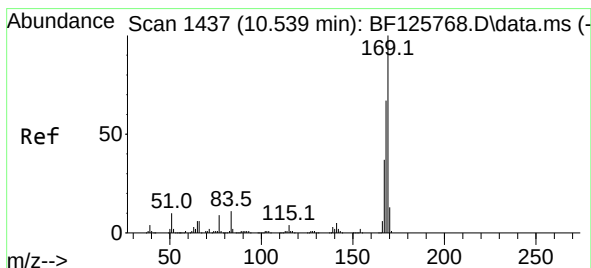
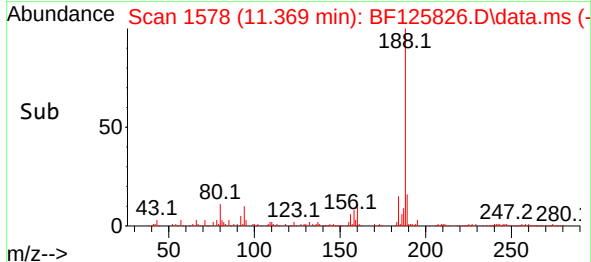
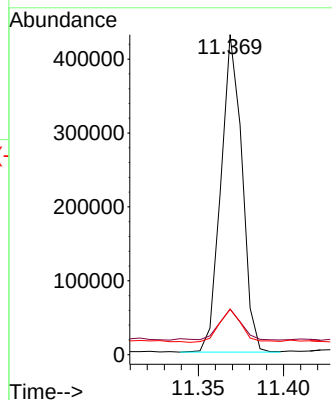
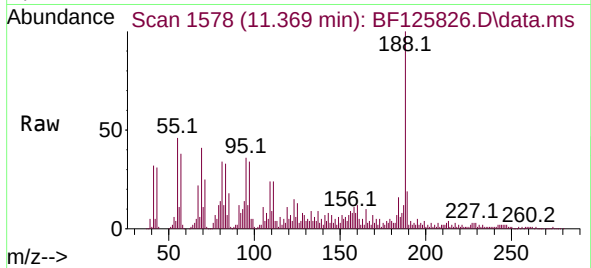




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

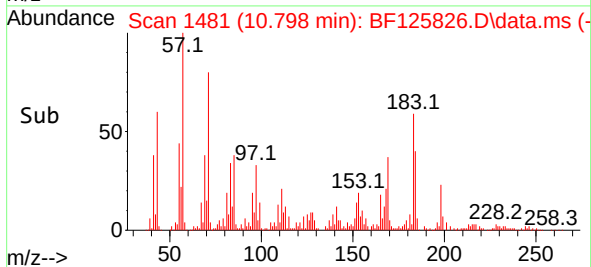
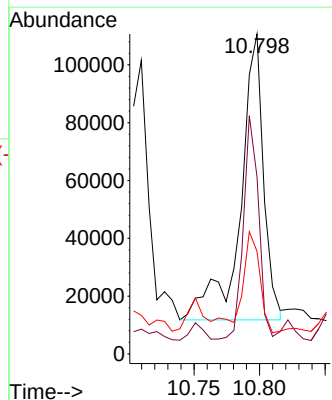
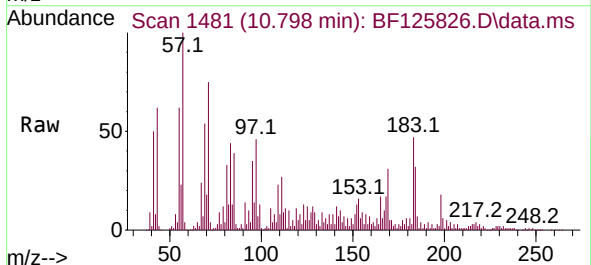
Instrument :
BNA_F
ClientSampleId :
CHRT-26644

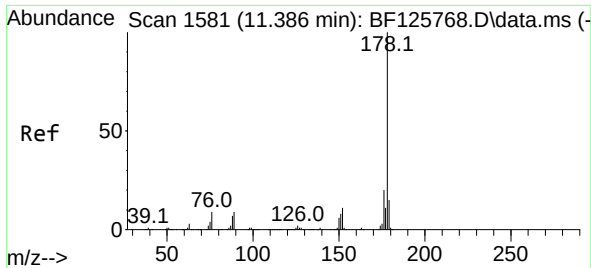
Tgt Ion:188 Resp: 370875
Ion Ratio Lower Upper
188 100
94 14.2 6.7 10.1#
80 14.2 7.5 11.3#



#66
n-Nitrosodiphenylamine
Concen: 9.664 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.259 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

Tgt Ion:169 Resp: 122260
Ion Ratio Lower Upper
169 100
168 55.4 50.8 76.2
167 32.1 28.8 43.2

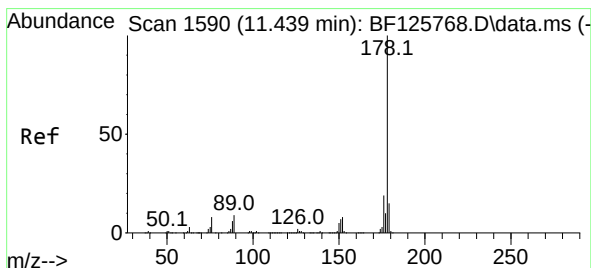
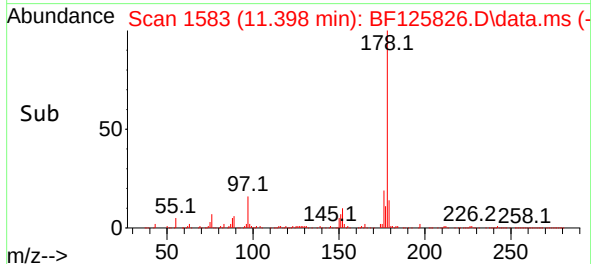
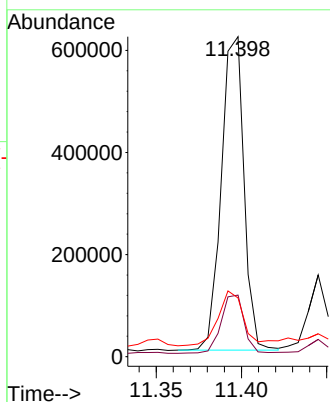
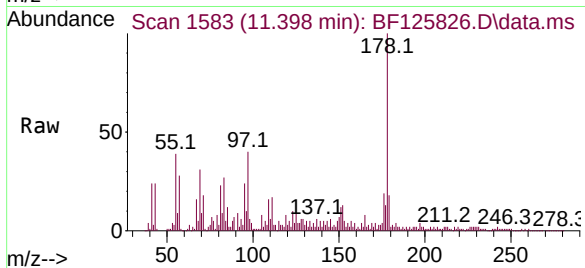




#71
Phenanthrene
Concen: 28.602 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

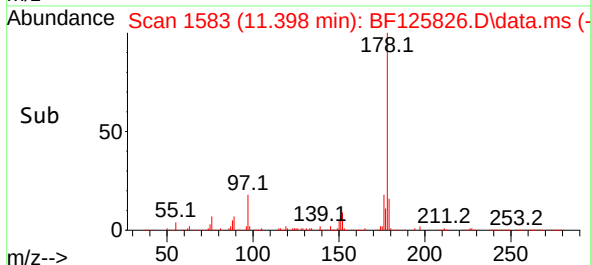
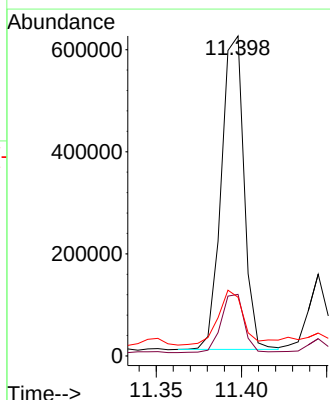
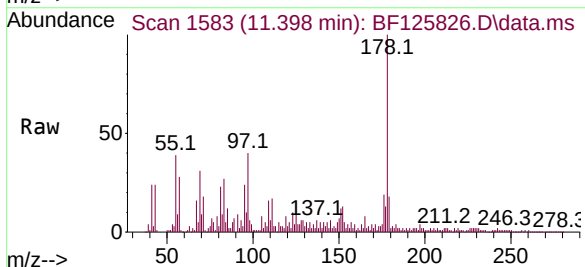
Instrument :
BNA_F
ClientSampleId :
CHRT-26644

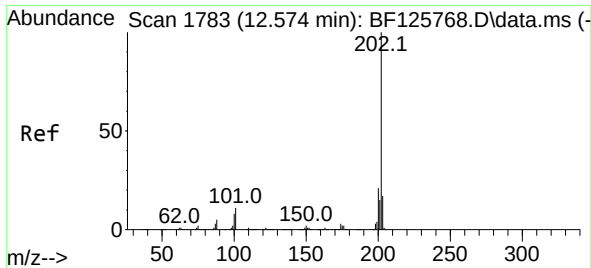
Tgt Ion:178 Resp: 567553
Ion Ratio Lower Upper
178 100
176 19.3 14.7 22.1
179 18.3 11.5 17.3#



#72
Anthracene
Concen: 28.637 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.041 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

Tgt Ion:178 Resp: 567553
Ion Ratio Lower Upper
178 100
176 19.3 14.3 21.5
179 18.3 12.2 18.4

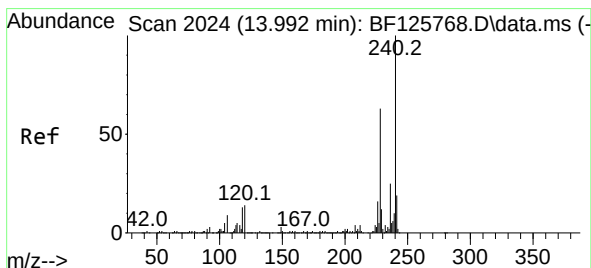
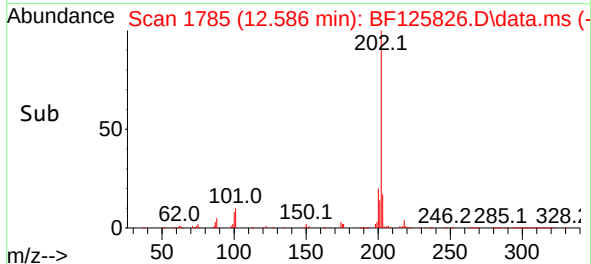
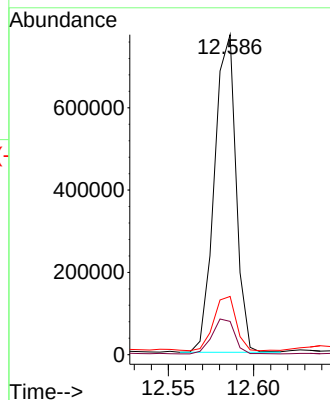
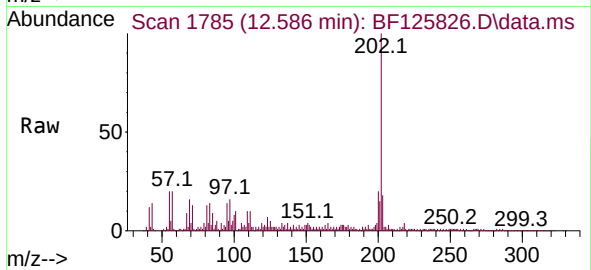




#75
Fluoranthene
Concen: 37.999 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.012 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

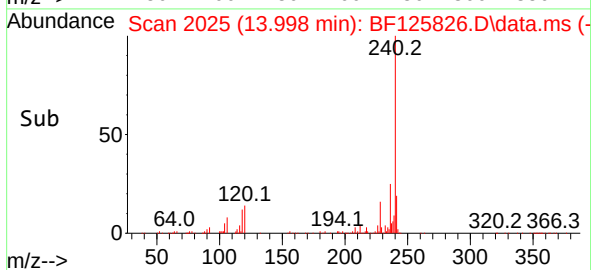
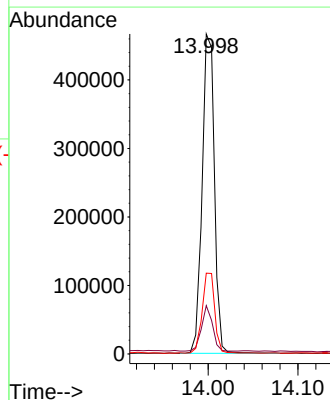
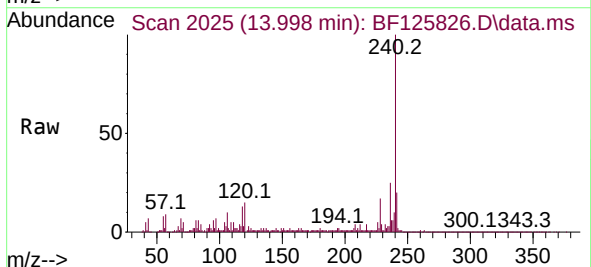
Instrument :
BNA_F
ClientSampleId :
CHRT-26644

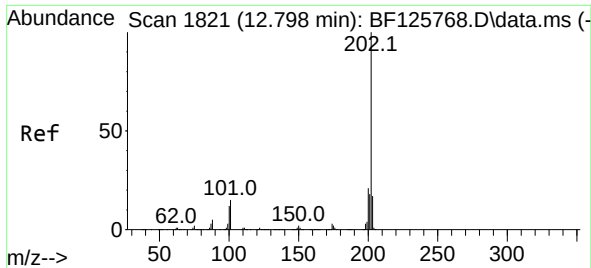
Tgt Ion:202 Resp: 680385
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.7
203 18.2 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

Tgt Ion:240 Resp: 443078
Ion Ratio Lower Upper
240 100
120 15.1 10.8 16.2
236 25.2 21.6 32.4

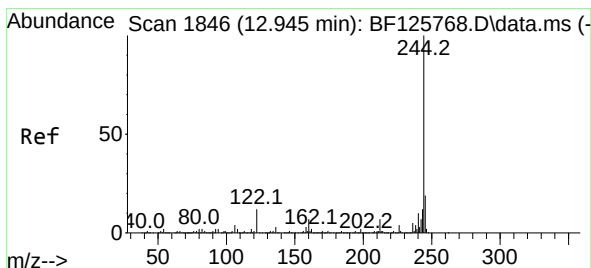
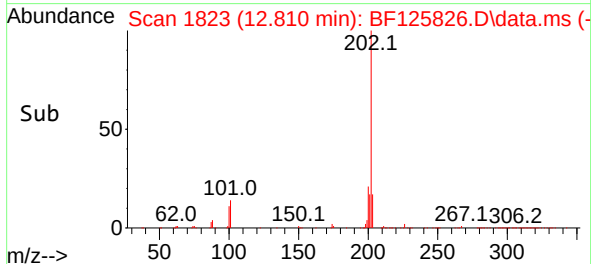
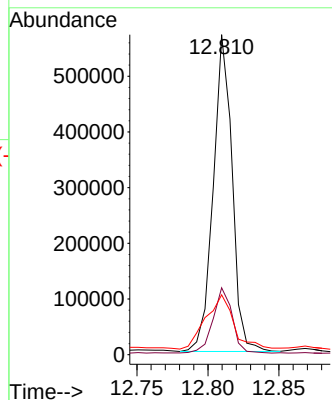
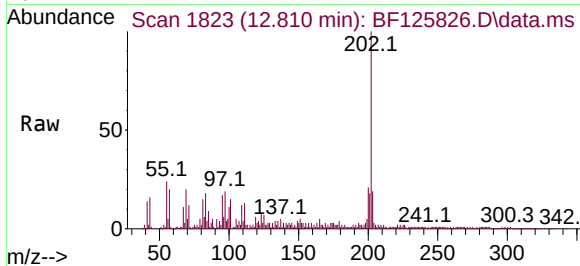




#78
Pyrene
Concen: 11.719 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.006 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

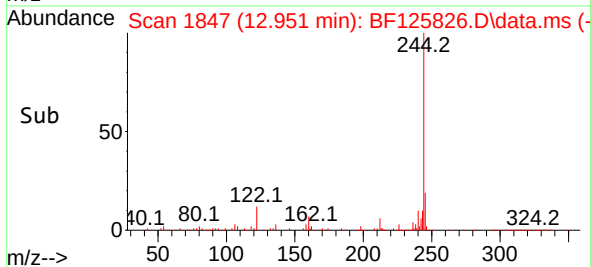
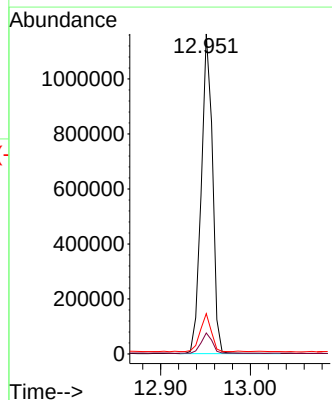
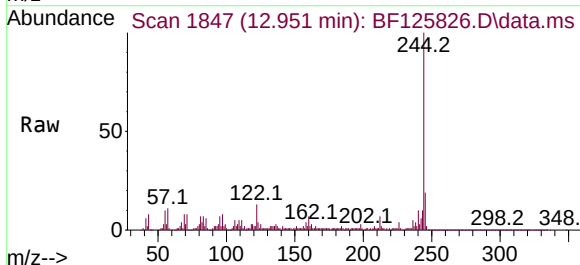
Instrument :
BNA_F
ClientSampleId :
CHRT-26644

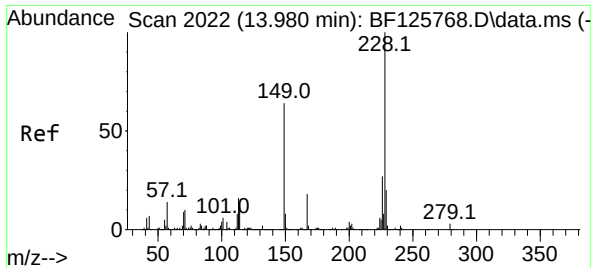
Tgt Ion:202	Resp: 527501
Ion Ratio	Lower Upper
202 100	
200 20.9	15.3 22.9
203 18.7	13.4 20.0



#79
Terphenyl-d14
Concen: 34.688 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.006 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

Tgt Ion:244	Resp: 1008998
Ion Ratio	Lower Upper
244 100	
212 6.5	5.9 8.9
122 12.6	9.0 13.4

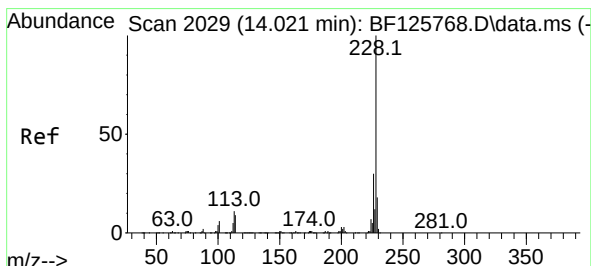
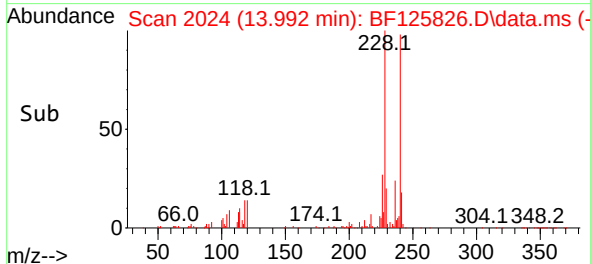
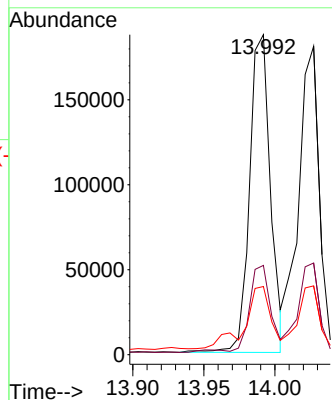
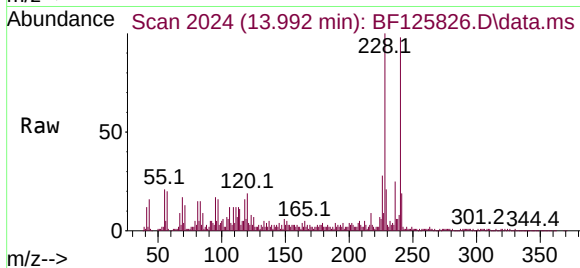




#81
Benzo(a)anthracene
Concen: 6.634 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

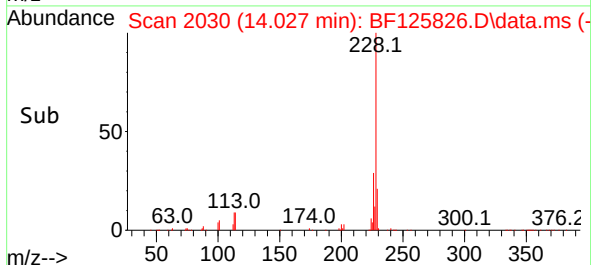
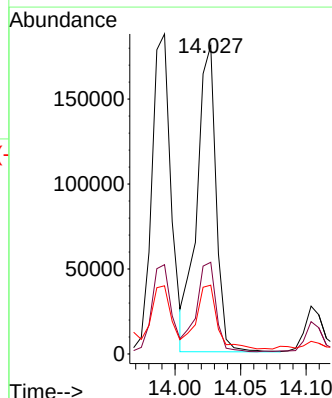
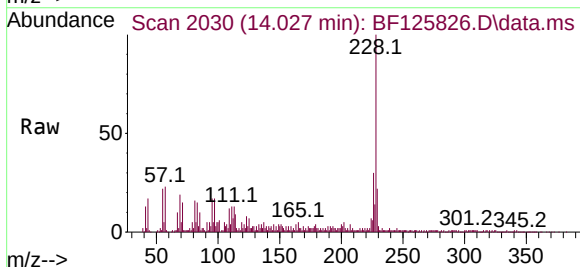
Instrument :
BNA_F
ClientSampleId :
CHRT-26644

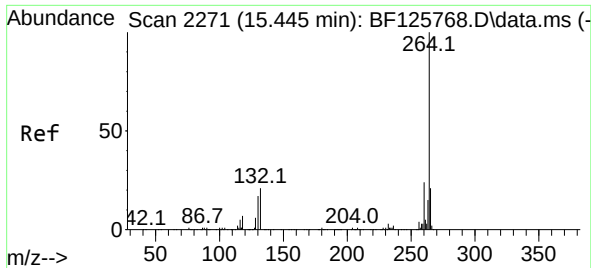
Tgt Ion:228 Resp: 190700
Ion Ratio Lower Upper
228 100
226 27.9 21.6 32.4
229 21.3 15.6 23.4



#83
Chrysene
Concen: 6.498 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

Tgt Ion:228 Resp: 184618
Ion Ratio Lower Upper
228 100
226 29.7 22.6 34.0
229 22.3 15.9 23.9

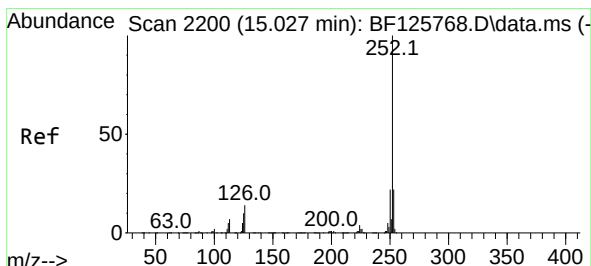
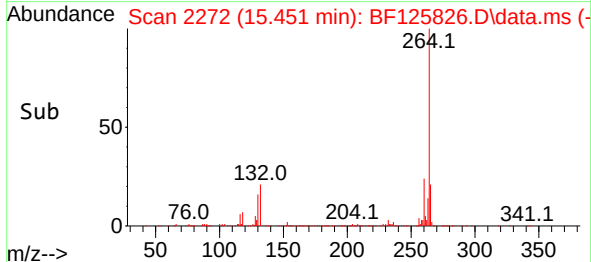
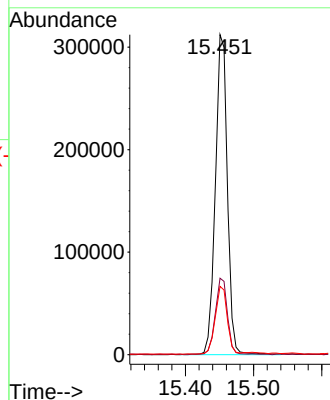
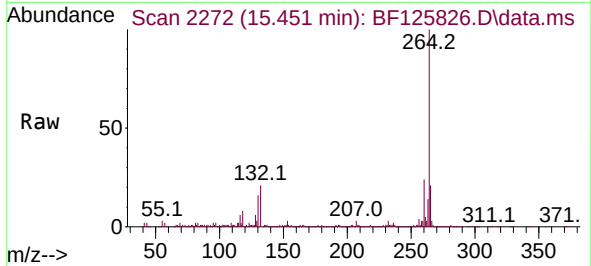




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

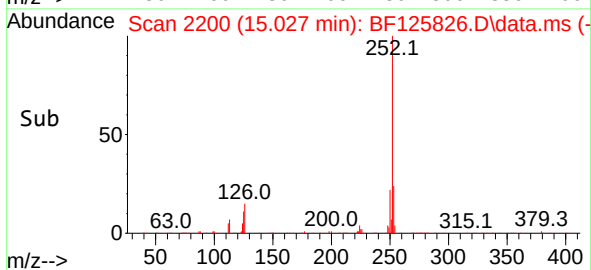
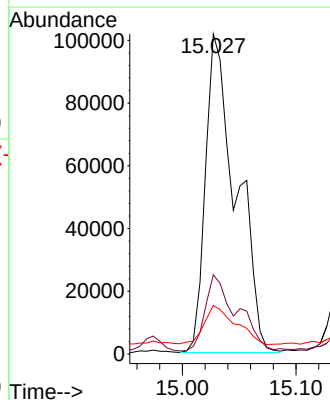
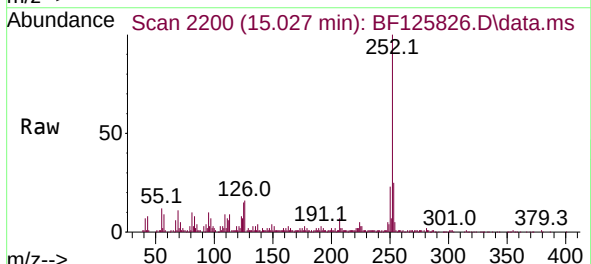
Instrument :
BNA_F
ClientSampleId :
CHRT-26644

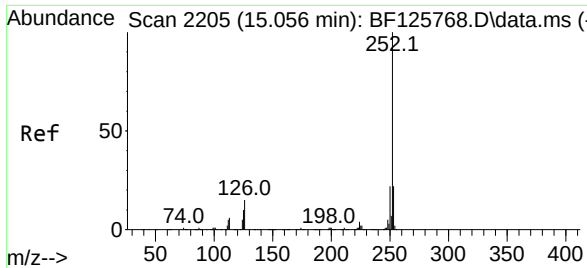
Tgt Ion:264	Resp:	383601
Ion Ratio	Lower	Upper
264	100	
260	23.9	19.6 29.4
265	21.4	17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 8.821 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

Tgt Ion:252	Resp:	191041
Ion Ratio	Lower	Upper
252	100	
253	24.7	16.8 25.2
125	15.2	9.8 14.8#

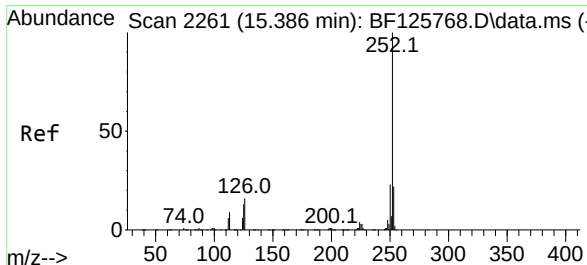
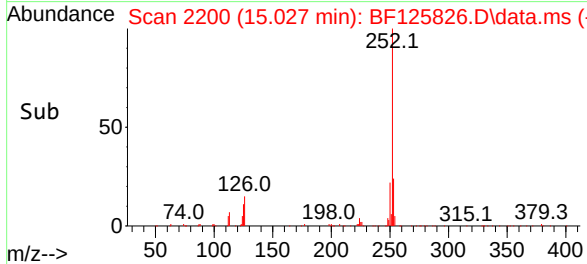
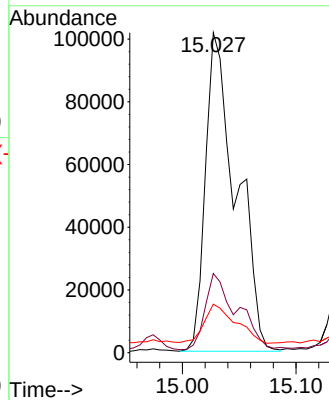
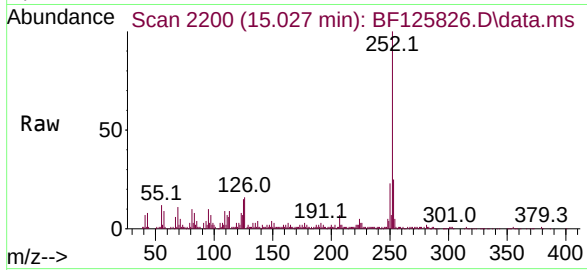




#89
Benzo(k)fluoranthene
Concen: 8.592 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.035 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

Instrument :
BNA_F
ClientSampleId :
CHRT-26644

Tgt Ion:252 Resp: 191041
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.8
125 15.2 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 3.993 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF125826.D
Acq: 13 Oct 2021 14:46

Tgt Ion:252 Resp: 76578
Ion Ratio Lower Upper
252 100
253 24.3 18.4 27.6
125 15.5 9.9 14.9#

