

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
 Data File : BF125825.D
 Acq On : 13 Oct 2021 14:14
 Operator : JU/CG
 Sample : M4127-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-20426

Quant Time: Oct 14 01:19:08 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)

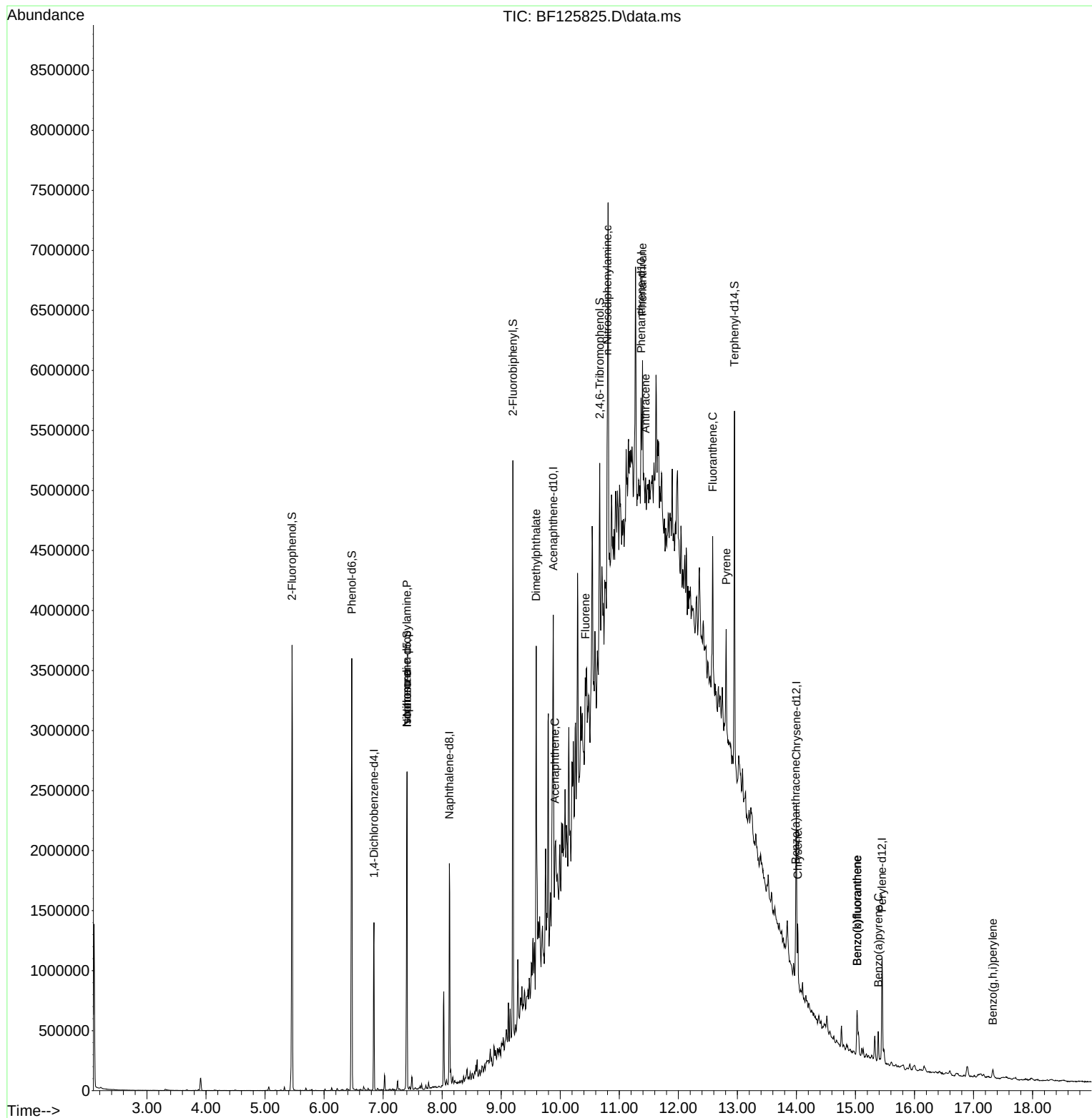
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	211765	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	827209	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	361492	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	432480	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	436407	20.000	ng	0.00
86) Perylene-d12	15.451	264	386740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1176506	90.760	ng	0.00
7) Phenol-d6	6.469	99	1446832	86.701	ng	0.00
23) Nitrobenzene-d5	7.404	82	825579	62.038	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	259719	72.770	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1476510	70.450	ng	0.00
79) Terphenyl-d14	12.951	244	1027977	35.881	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	103699	11.772	ng	# 50
25) Isophorone	7.404	82	822159	34.872	ng	# 59
50) Dimethylphthalate	9.592	163	373782	15.707	ng	# 91
52) Acenaphthene	9.910	154	89246	4.520	ng	95
58) Fluorene	10.427	166	62452	2.883	ng	# 90
66) n-Nitrosodiphenylamine	10.798	169	96608	6.548	ng	92
71) Phenanthrene	11.392	178	339360	14.666	ng	# 90
72) Anthracene	11.445	178	89581	3.876	ng	# 79
75) Fluoranthene	12.580	202	514790	24.656	ng	95
78) Pyrene	12.810	202	413104	9.318	ng	96
81) Benzo(a)anthracene	13.986	228	181072	6.395	ng	97
83) Chrysene	14.021	228	196608	7.025	ng	97
88) Benzo(b)fluoranthene	15.027	252	268841	12.313	ng	97
89) Benzo(k)fluoranthene	15.027	252	268841	11.993	ng	# 96
90) Benzo(a)pyrene	15.386	252	111636	5.774	ng	98
92) Benzo(g,h,i)perylene	17.327	276	55175	2.219	ng	94

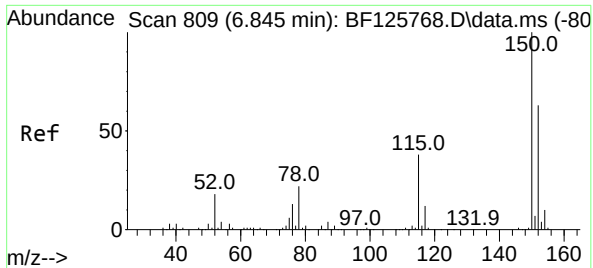
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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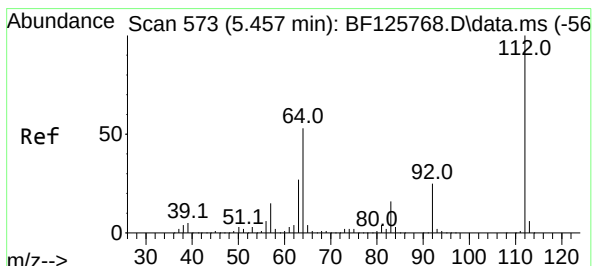
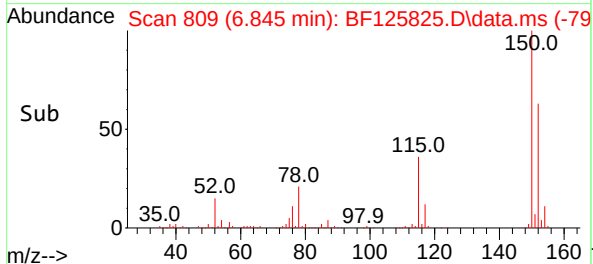
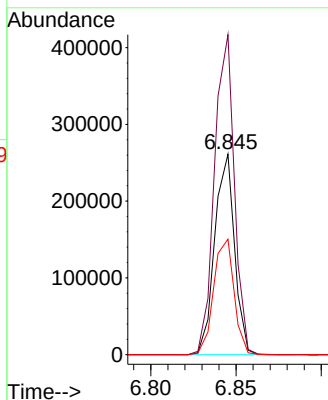
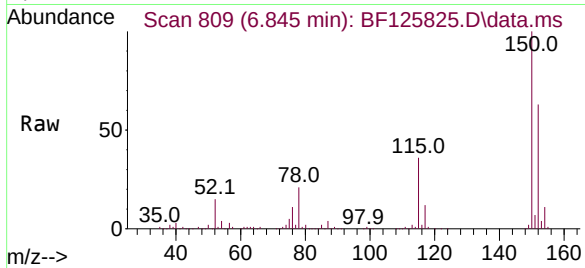




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

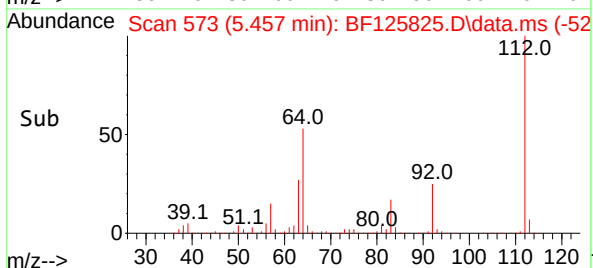
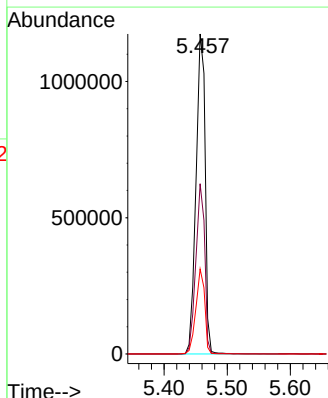
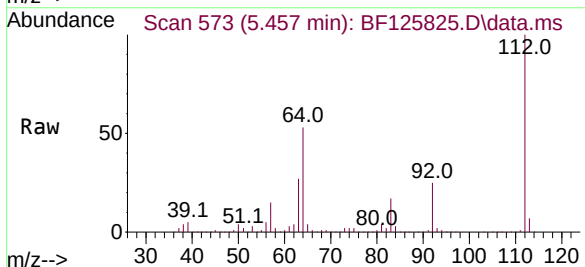
Instrument :
BNA_F
ClientSampleId :
CHRT-20426

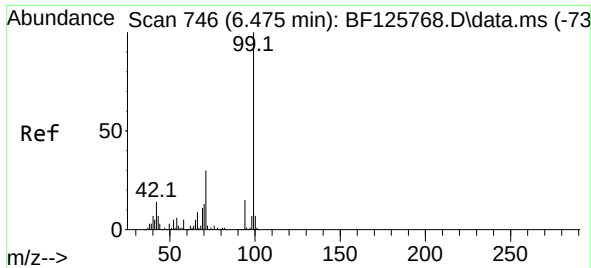
Tgt Ion:152 Resp: 211765
Ion Ratio Lower Upper
152 100
150 159.6 117.6 176.4
115 57.6 47.1 70.7



#5
2-Fluorophenol
Concen: 90.760 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

Tgt Ion:112 Resp: 1176506
Ion Ratio Lower Upper
112 100
64 53.2 44.2 66.2
63 26.5 26.2 39.2

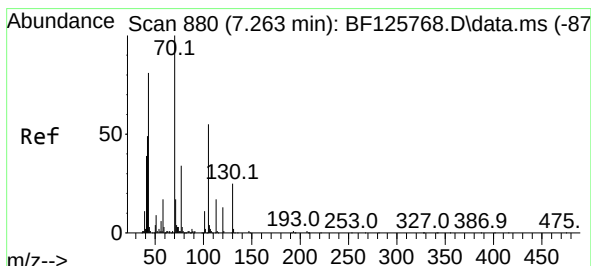
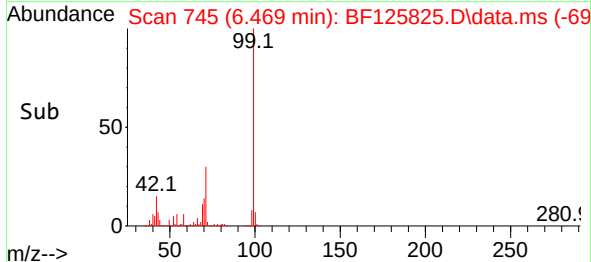
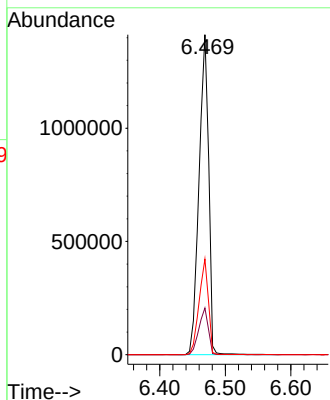
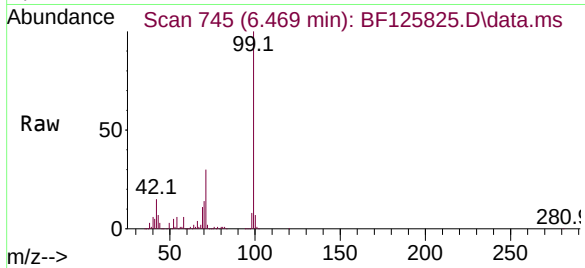




#7
Phenol-d6
Concen: 86.701 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

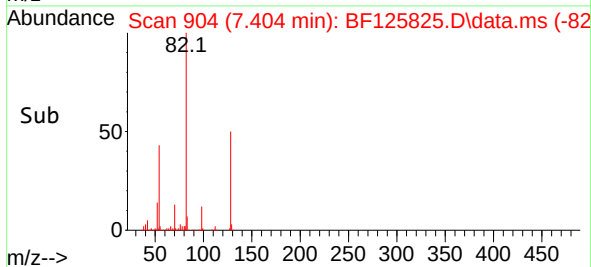
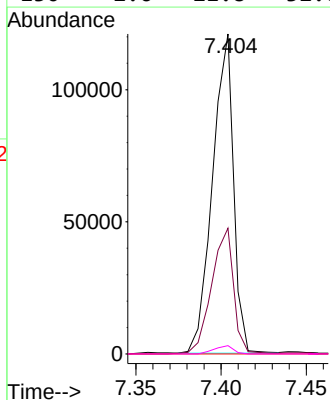
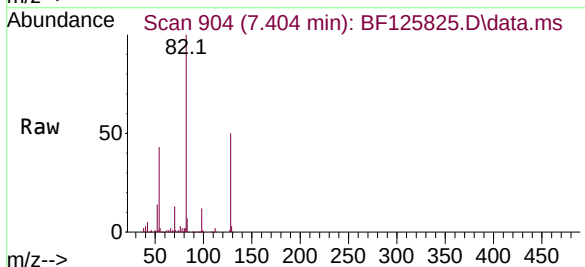
Instrument :
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ClientSampleId :
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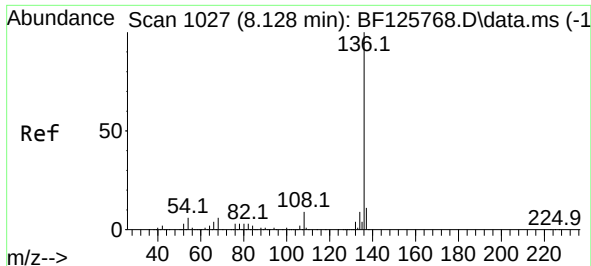
Tgt Ion: 99 Resp: 1446832
Ion Ratio Lower Upper
99 100
42 14.6 23.5 35.3#
71 29.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.772 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

Tgt Ion: 70 Resp: 103699
Ion Ratio Lower Upper
70 100
42 39.3 72.2 108.2#
101 0.0 7.8 11.8#
130 2.6 21.8 32.6#

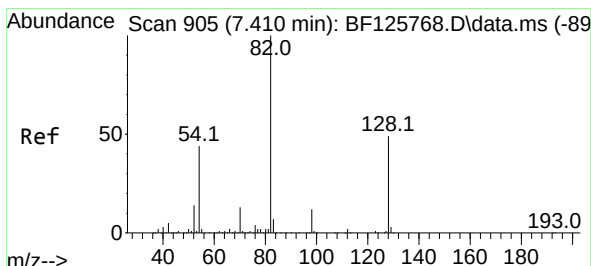
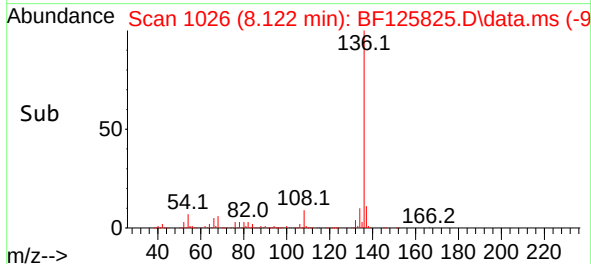
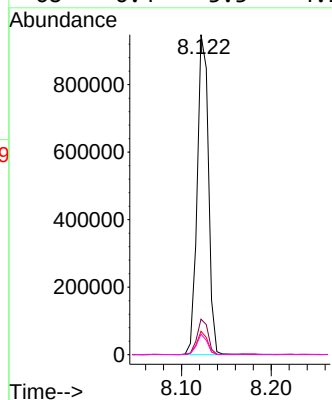
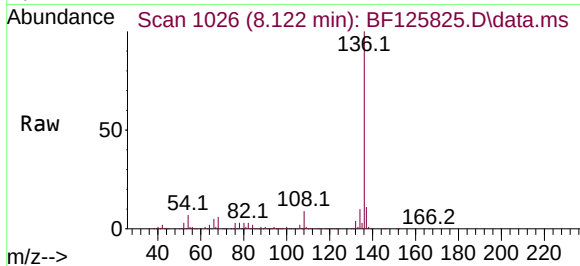




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

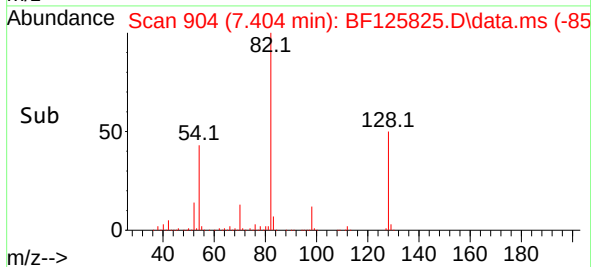
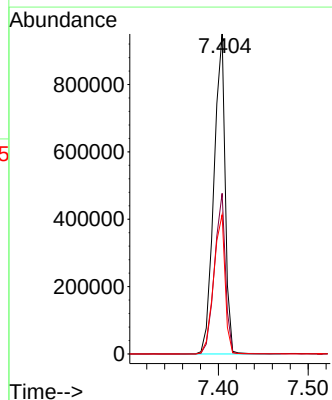
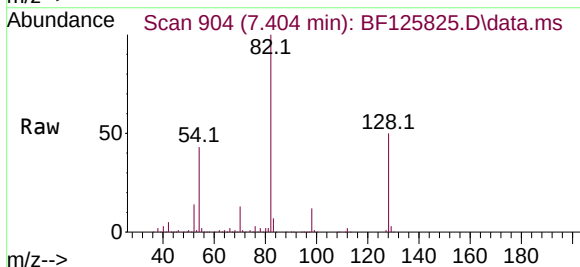
Instrument :
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CHRT-20426

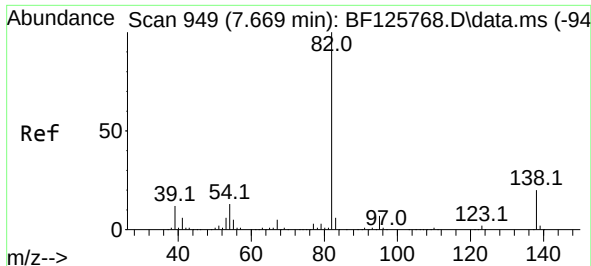
Tgt Ion:	136	Resp:	827209
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	7.3	6.4	9.6
68	6.4	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 62.038 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

Tgt Ion:	82	Resp:	825579
Ion	Ratio	Lower	Upper
82	100		
128	50.2	40.6	60.8
54	43.5	49.6	74.4#

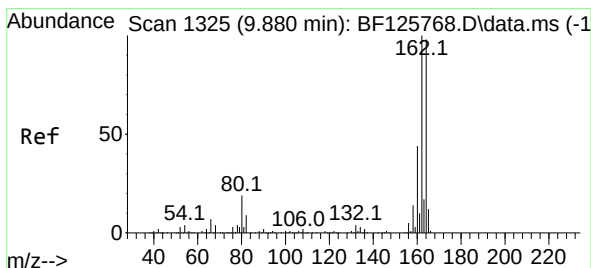
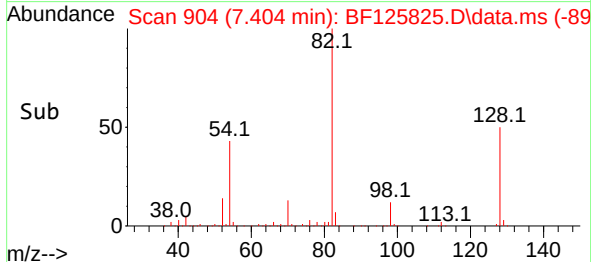
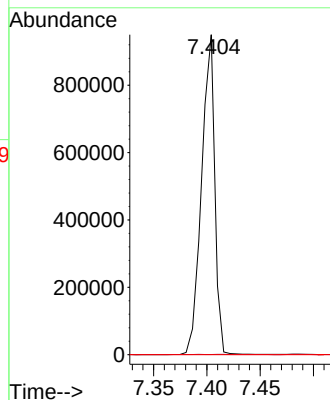
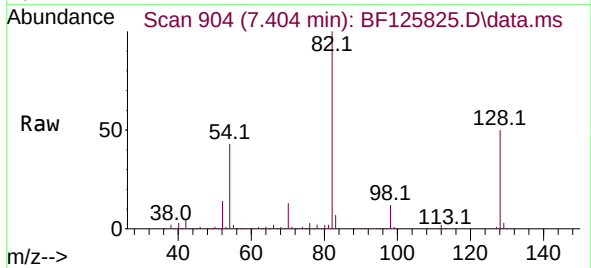




#25
Isophorone
Concen: 34.872 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

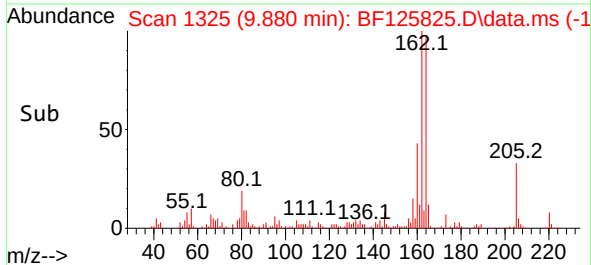
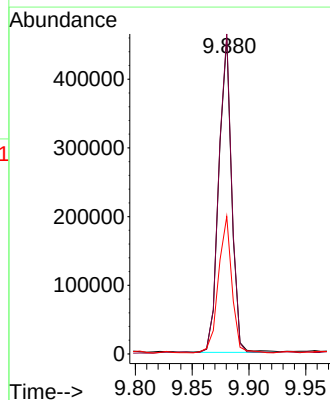
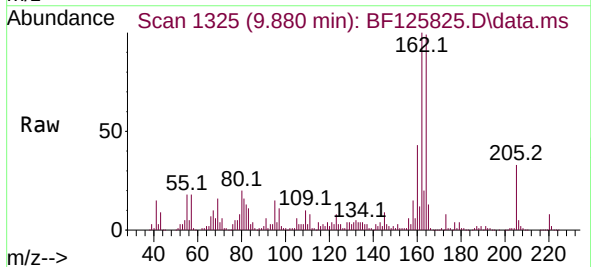
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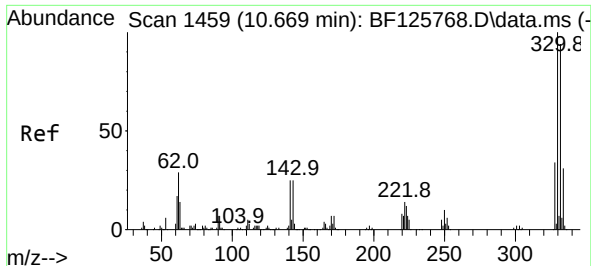
Tgt Ion: 82 Resp: 822159
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

Tgt Ion:164 Resp: 361492
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 43.4 38.0 57.0

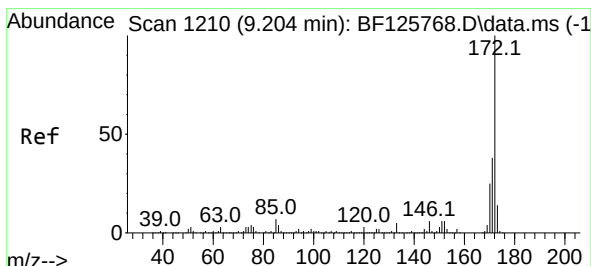
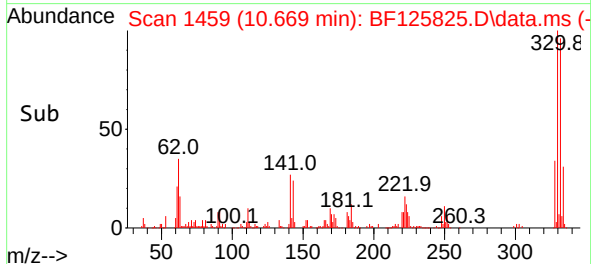
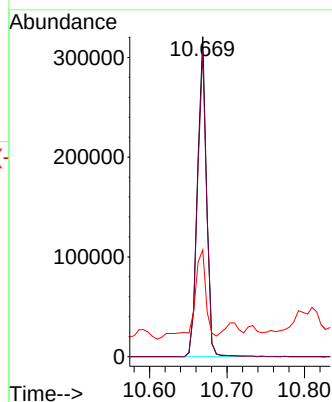
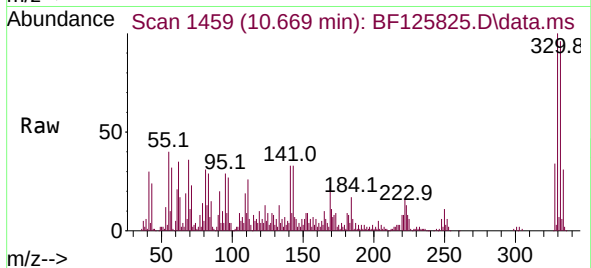




#42
 2,4,6-Tribromophenol
 Concen: 72.770 ng
 RT: 10.669 min Scan# 1459
 Delta R.T. -0.000 min
 Lab File: BF125825.D
 Acq: 13 Oct 2021 14:14

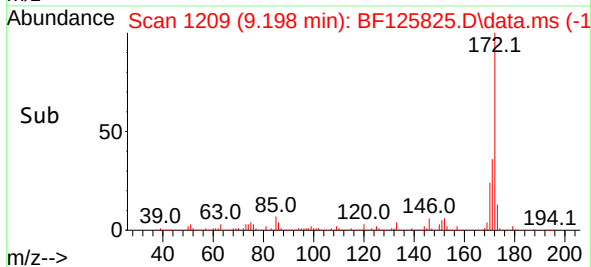
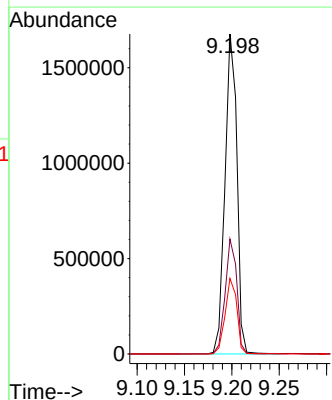
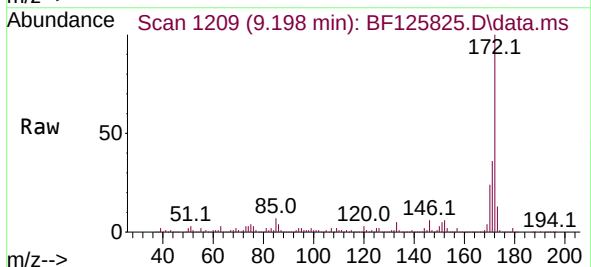
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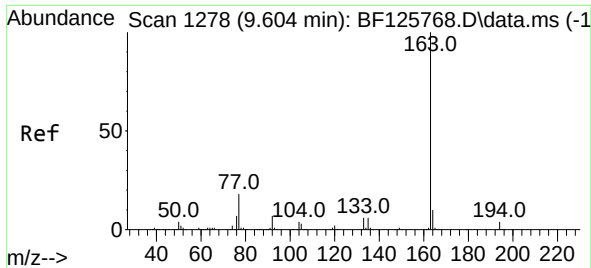
Tgt Ion: 330 Resp: 259719
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 36.6 44.6 66.8#



#45
 2-Fluorobiphenyl
 Concen: 70.450 ng
 RT: 9.198 min Scan# 1209
 Delta R.T. -0.006 min
 Lab File: BF125825.D
 Acq: 13 Oct 2021 14:14

Tgt Ion: 172 Resp: 1476510
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.5 39.7
 170 23.6 18.8 28.2

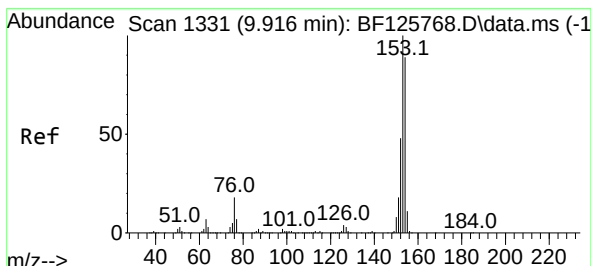
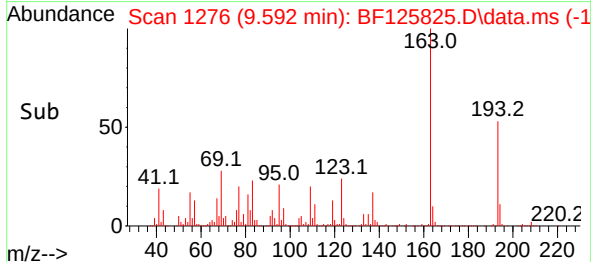
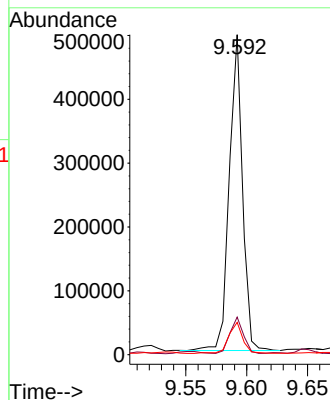
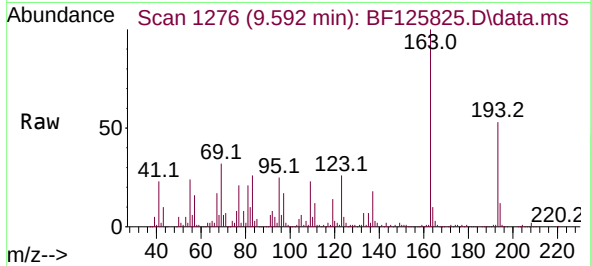




#50
Dimethylphthalate
Concen: 15.707 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

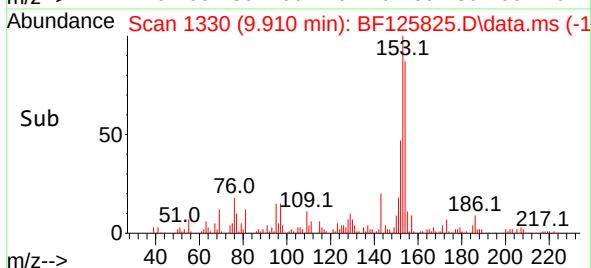
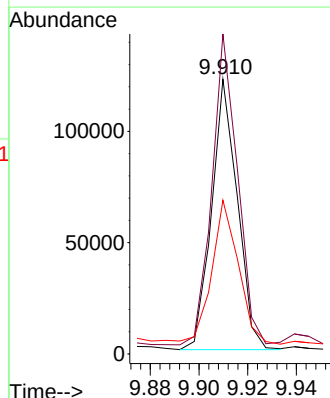
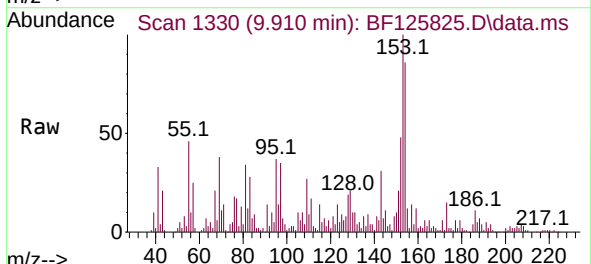
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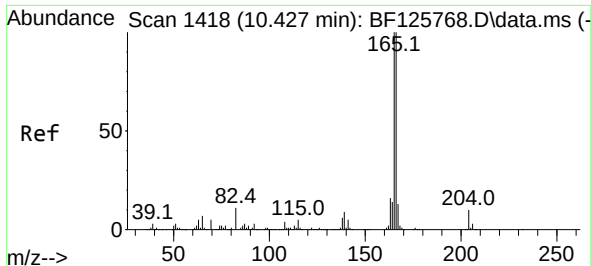
Tgt Ion:163 Resp: 373782
Ion Ratio Lower Upper
163 100
194 11.7 2.6 3.8#
164 10.1 7.4 11.0



#52
Acenaphthene
Concen: 4.520 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

Tgt Ion:154 Resp: 89246
Ion Ratio Lower Upper
154 100
153 116.5 89.4 134.2
152 56.0 40.5 60.7

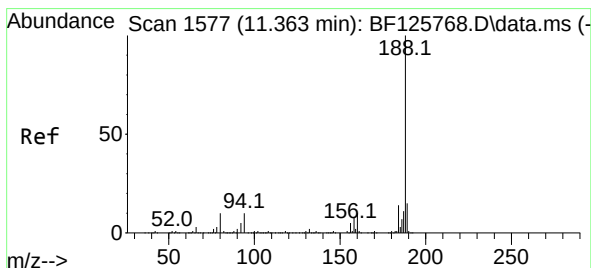
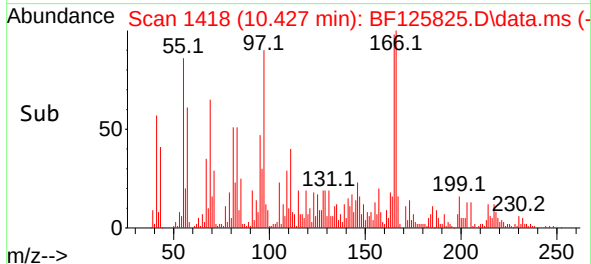
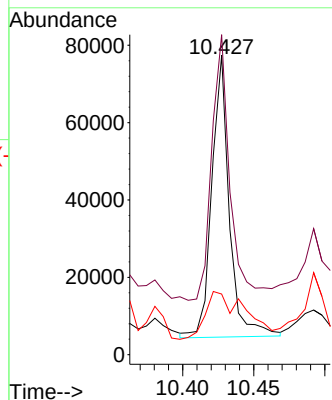
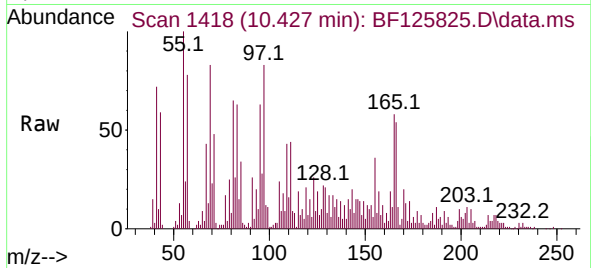




#58
Fluorene
Concen: 2.883 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

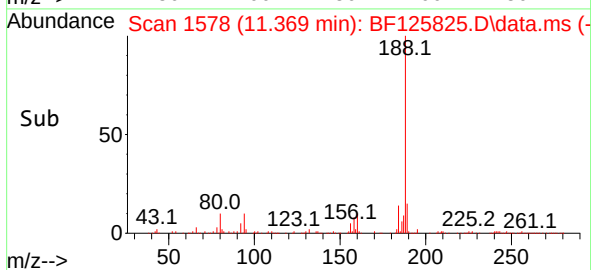
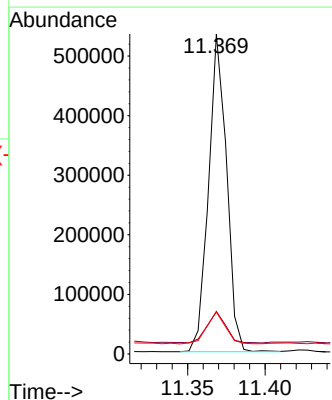
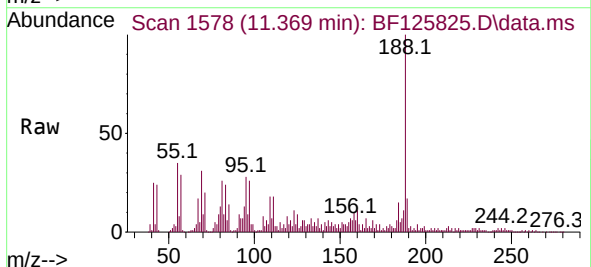
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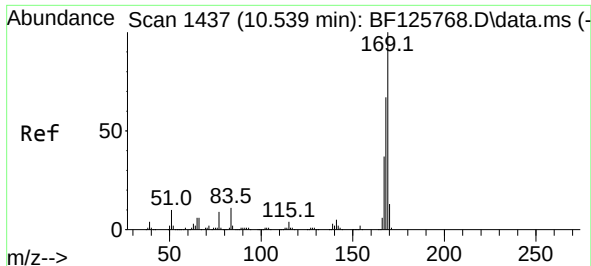
Tgt Ion:166 Resp: 62452
Ion Ratio Lower Upper
166 100
165 106.9 78.1 117.1
167 20.2 11.1 16.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

Tgt Ion:188 Resp: 432480
Ion Ratio Lower Upper
188 100
94 13.3 6.7 10.1#
80 13.1 7.5 11.3#

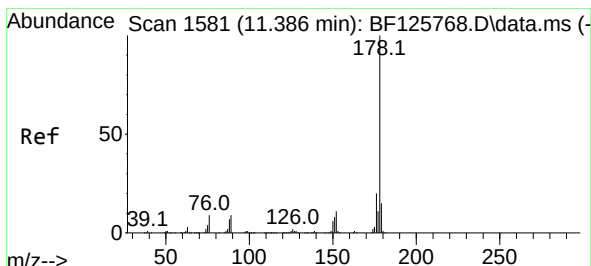
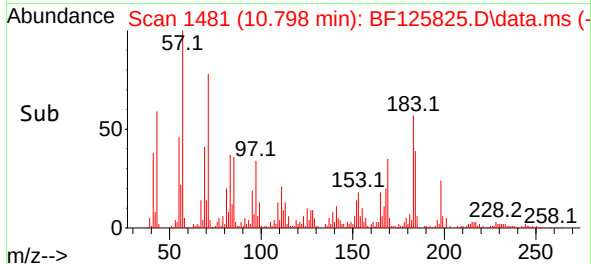
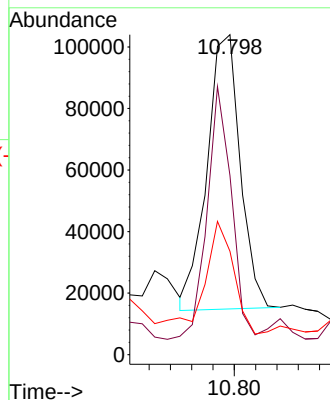
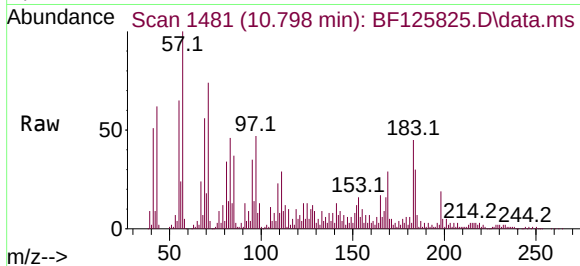




#66
n-Nitrosodiphenylamine
Concen: 6.548 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.259 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

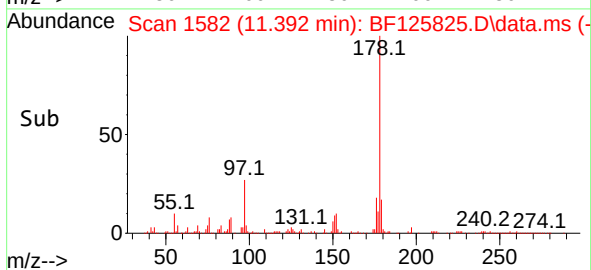
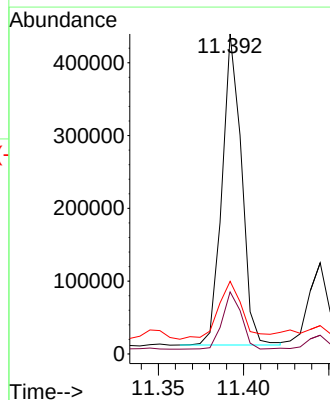
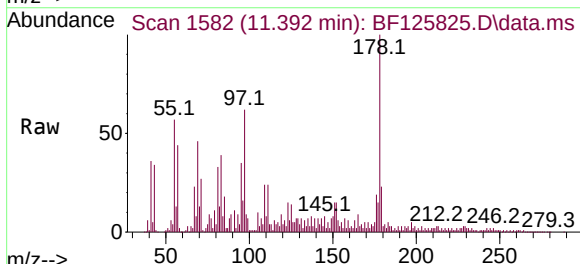
Instrument :
BNA_F
ClientSampleId :
CHRT-20426

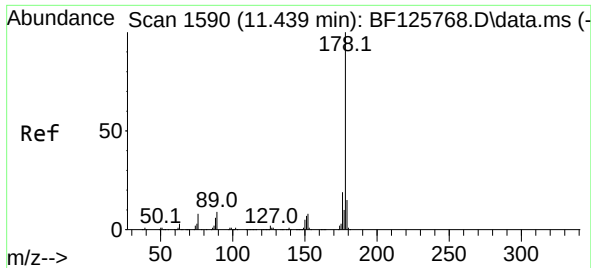
Tgt Ion:169	Resp:	96608
Ion Ratio	Lower	Upper
169	100	
168	56.0	50.8 76.2
167	32.3	28.8 43.2



#71
Phenanthrene
Concen: 14.666 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

Tgt Ion:178	Resp:	339360
Ion Ratio	Lower	Upper
178	100	
176	19.4	14.7 22.1
179	22.7	11.5 17.3#

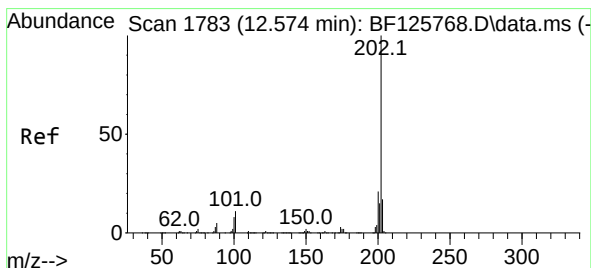
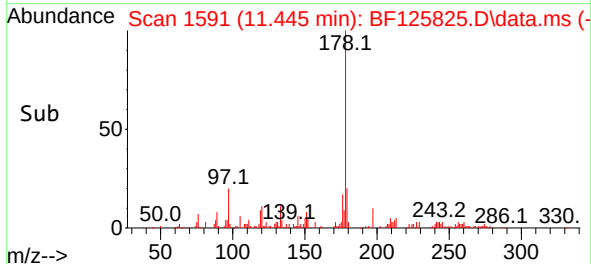
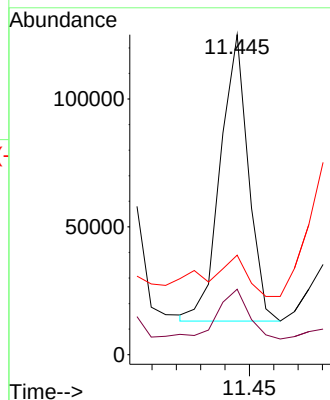
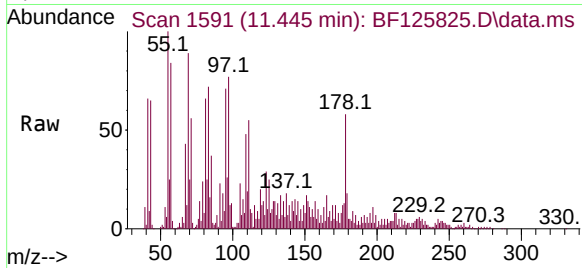




#72
 Anthracene
 Concen: 3.876 ng
 RT: 11.445 min Scan# 1591
 Delta R.T. 0.006 min
 Lab File: BF125825.D
 Acq: 13 Oct 2021 14:14

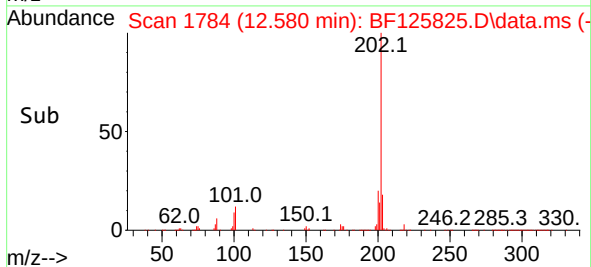
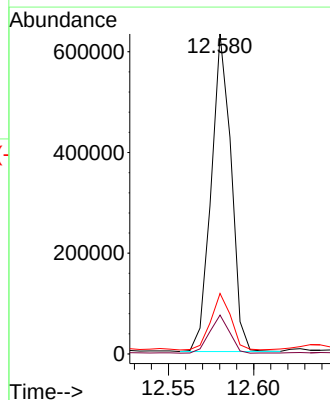
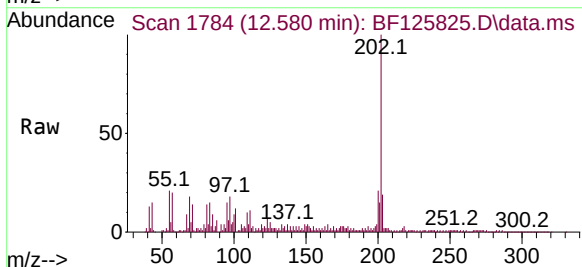
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-20426

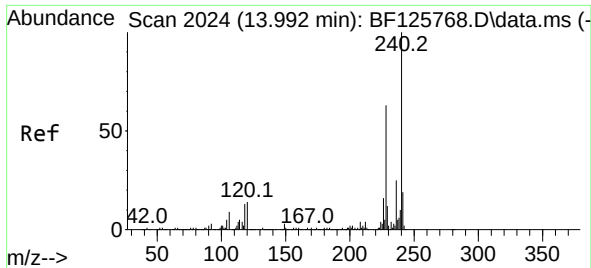
Tgt Ion:178 Resp: 89581
 Ion Ratio Lower Upper
 178 100
 176 20.5 14.3 21.5
 179 31.1 12.2 18.4#



#75
 Fluoranthene
 Concen: 24.656 ng
 RT: 12.580 min Scan# 1784
 Delta R.T. 0.006 min
 Lab File: BF125825.D
 Acq: 13 Oct 2021 14:14

Tgt Ion:202 Resp: 514790
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 30.7
 203 18.9 0.0 36.3

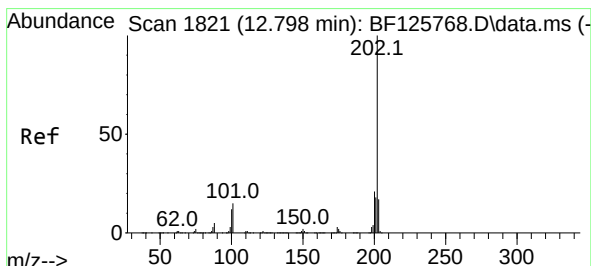
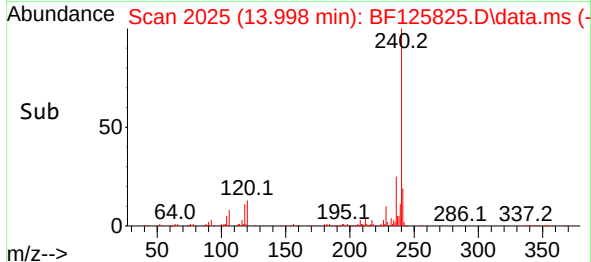
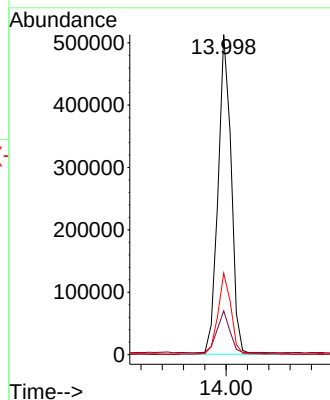
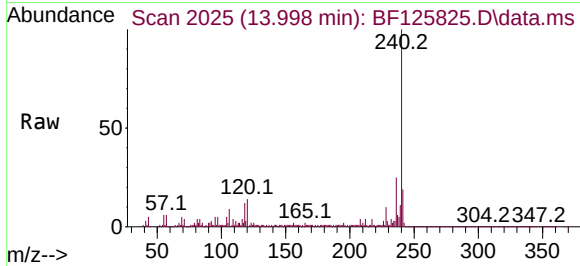




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

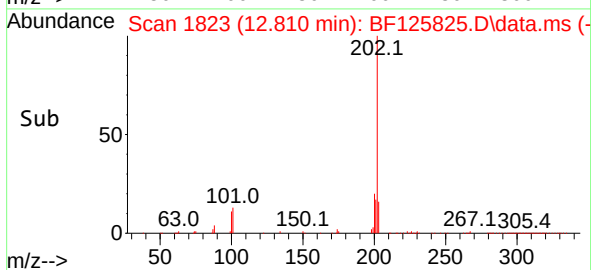
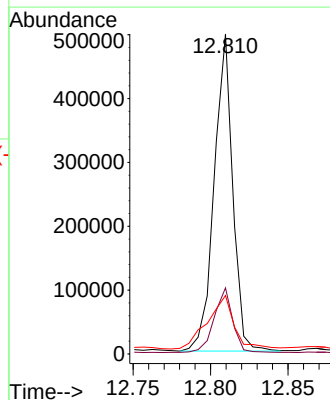
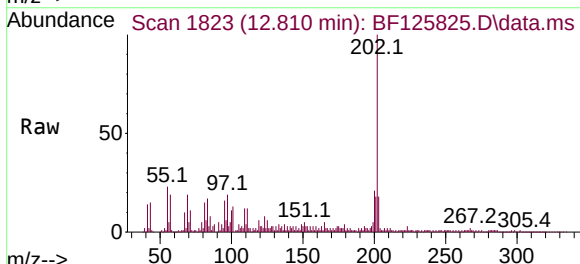
Instrument :
BNA_F
ClientSampleId :
CHRT-20426

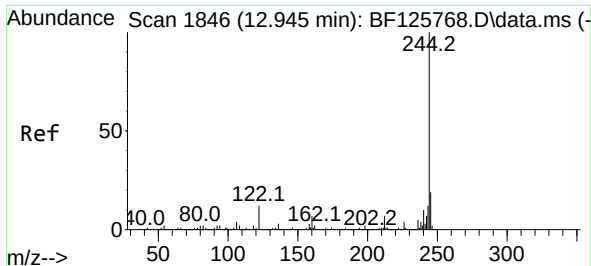
Tgt Ion:240	Resp: 436407
Ion Ratio	Lower Upper
240	100
120	13.7 10.8 16.2
236	25.5 21.6 32.4



#78
Pyrene
Concen: 9.318 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.006 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

Tgt Ion:202	Resp: 413104
Ion Ratio	Lower Upper
202	100
200	20.7 15.3 22.9
203	18.3 13.4 20.0

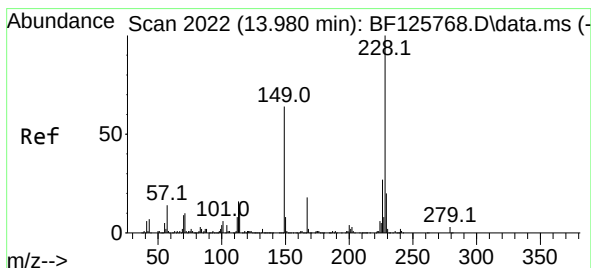
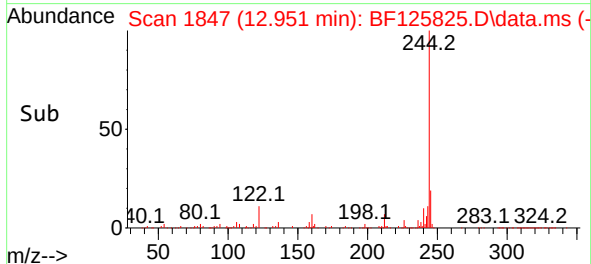
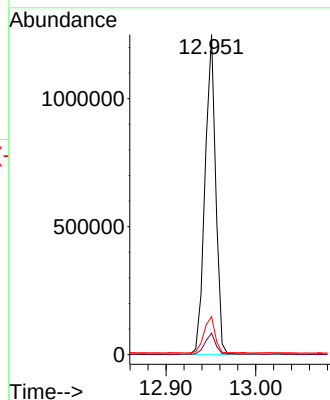
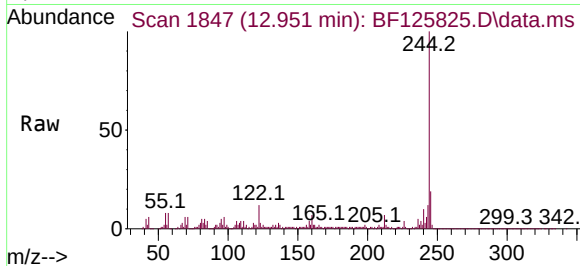




#79
Terphenyl-d14
Concen: 35.881 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.006 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

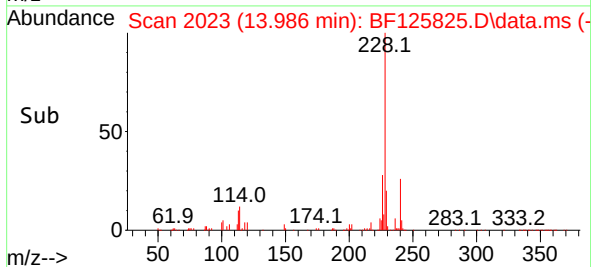
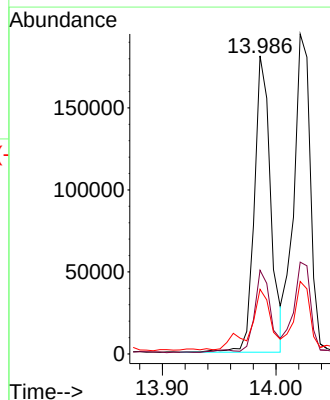
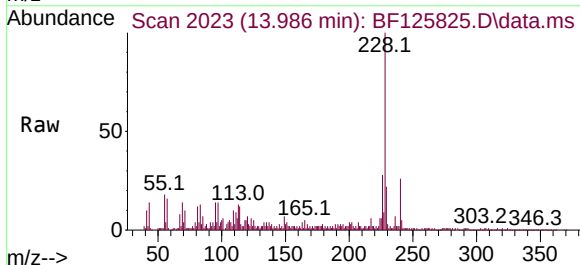
Instrument :
BNA_F
ClientSampleId :
CHRT-20426

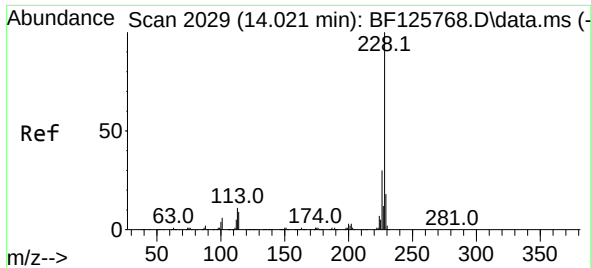
Tgt Ion:244 Resp: 1027977
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 11.9 9.0 13.4



#81
Benzo(a)anthracene
Concen: 6.395 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

Tgt Ion:228 Resp: 181072
Ion Ratio Lower Upper
228 100
226 28.1 21.6 32.4
229 21.7 15.6 23.4

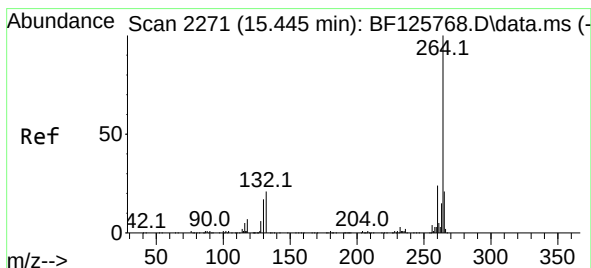
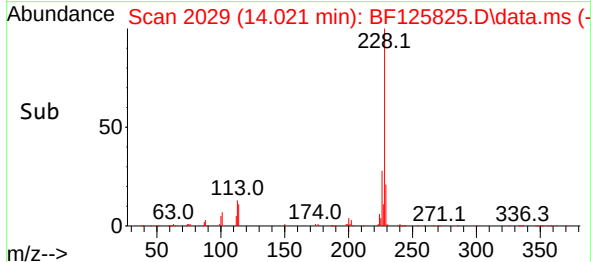
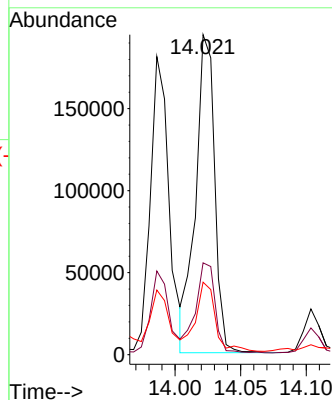
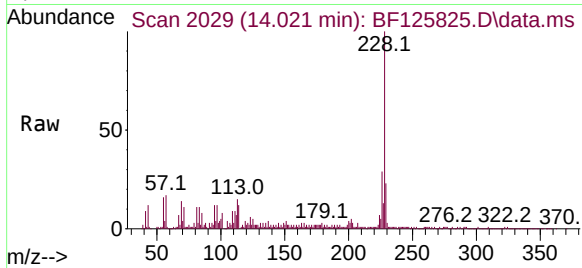




#83
Chrysene
Concen: 7.025 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

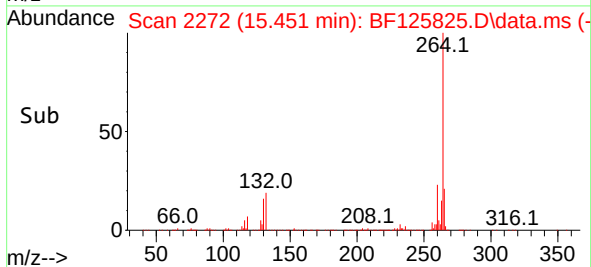
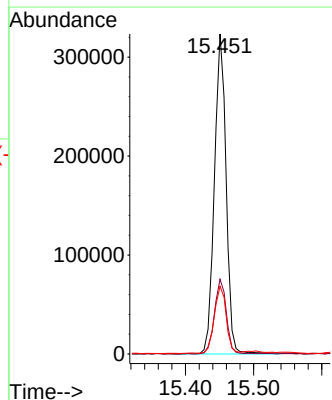
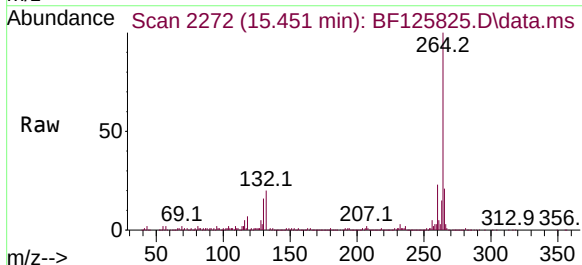
Instrument :
BNA_F
ClientSampleId :
CHRT-20426

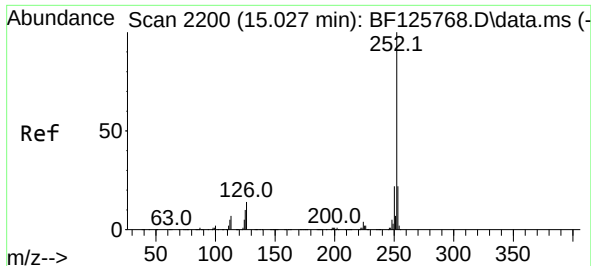
Tgt Ion:	228	Resp:	196608
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.6	34.0
229	22.6	15.9	23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

Tgt Ion:	264	Resp:	386740
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.6	29.4
265	21.2	17.2	25.8

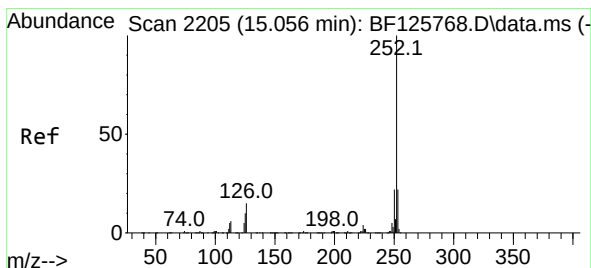
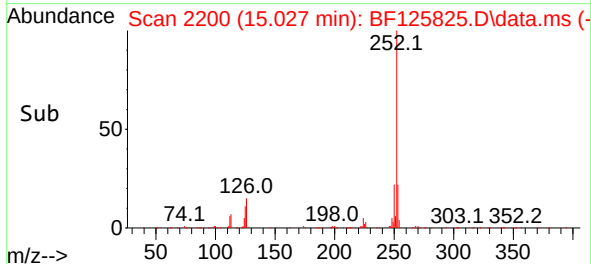
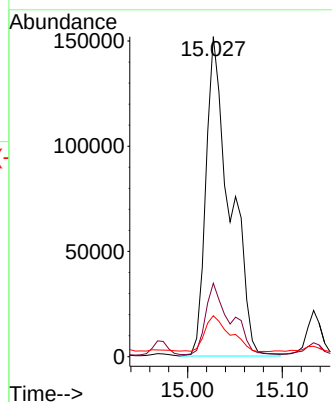
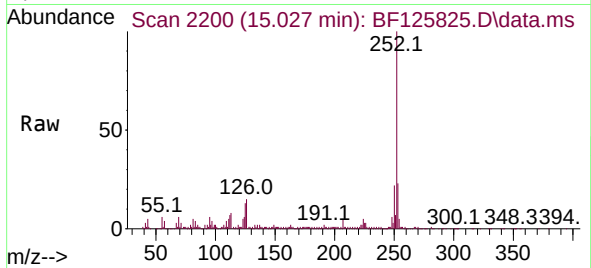




#88
Benzo(b)fluoranthene
Concen: 12.313 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

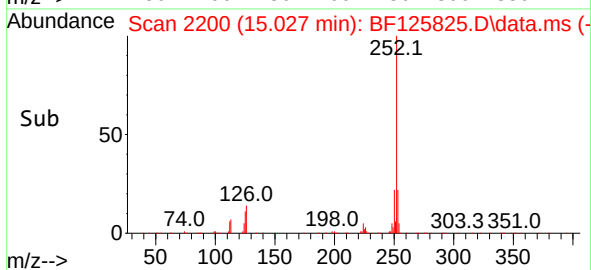
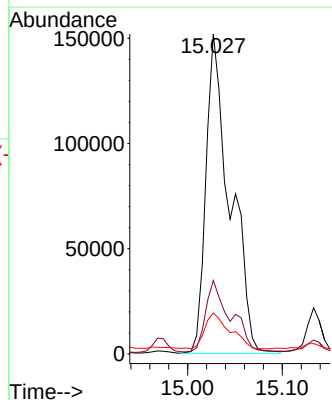
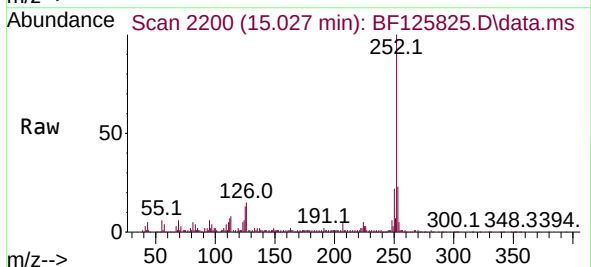
Instrument :
BNA_F
ClientSampleId :
CHRT-20426

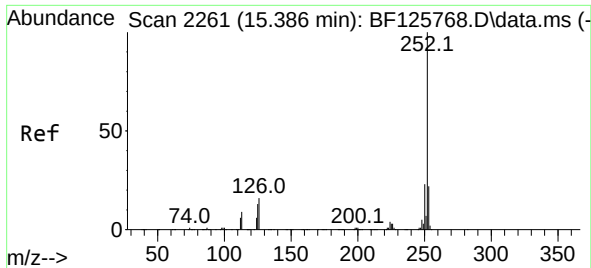
Tgt Ion:252 Resp: 268841
Ion Ratio Lower Upper
252 100
253 22.9 16.8 25.2
125 12.8 9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 11.993 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.035 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

Tgt Ion:252 Resp: 268841
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 12.8 7.2 10.8#

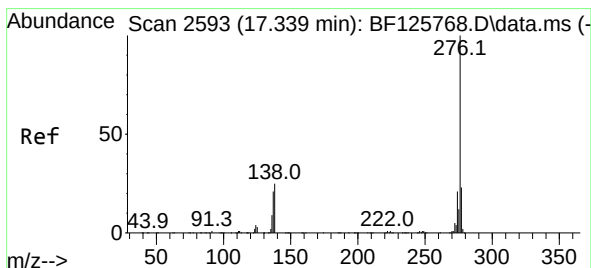
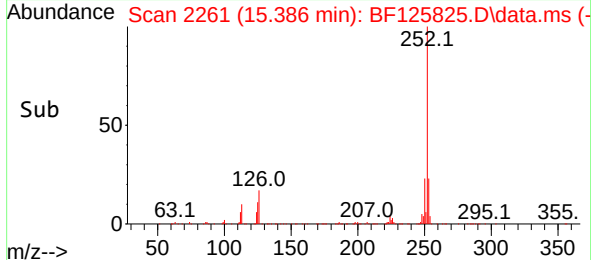
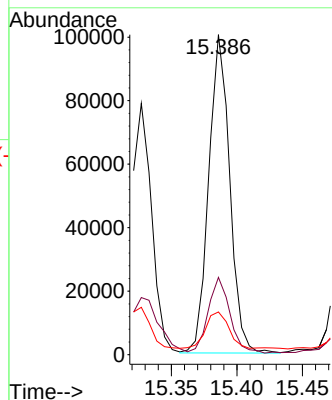
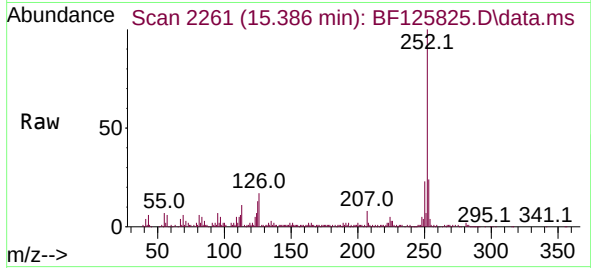




#90
Benzo(a)pyrene
Concen: 5.774 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

Instrument :
BNA_F
ClientSampleId :
CHRT-20426

Tgt Ion:252 Resp: 111636
Ion Ratio Lower Upper
252 100
253 24.1 18.4 27.6
125 13.3 9.9 14.9



#92
Benzo(g,h,i)perylene
Concen: 2.219 ng
RT: 17.327 min Scan# 2591
Delta R.T. -0.024 min
Lab File: BF125825.D
Acq: 13 Oct 2021 14:14

Tgt Ion:276 Resp: 55175
Ion Ratio Lower Upper
276 100
277 25.8 22.0 33.0
138 31.9 22.2 33.4

