

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
 Data File : BF125824.D
 Acq On : 13 Oct 2021 13:43
 Operator : JU/CG
 Sample : M4127-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27080

Quant Time: Oct 14 01:18:55 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)

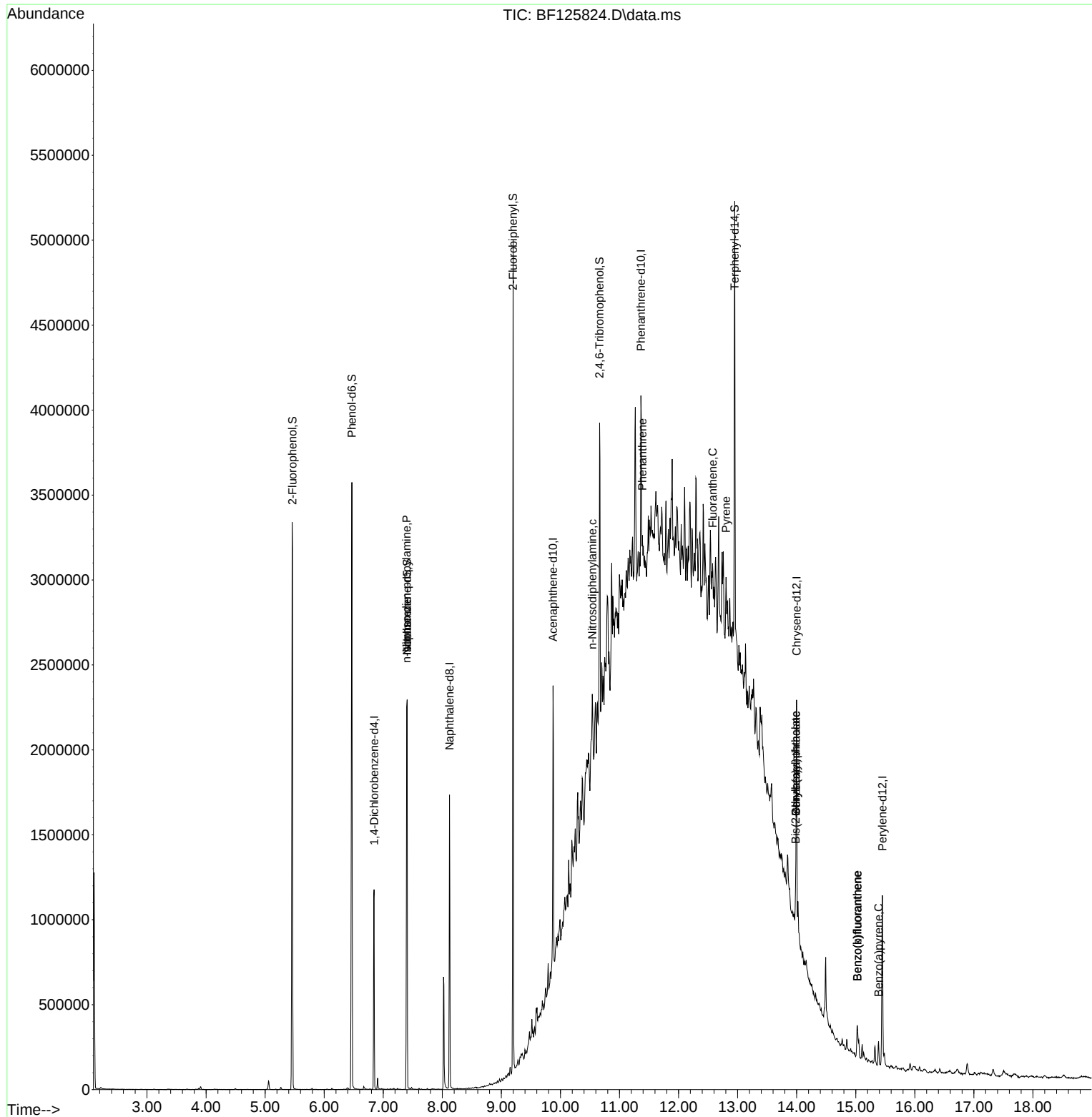
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	185476	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	725810	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	329722	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	426258	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	423382	20.000	ng	0.00
86) Perylene-d12	15.451	264	424394	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1105587	97.377	ng	0.00
7) Phenol-d6	6.469	99	1340942	91.745	ng	0.00
23) Nitrobenzene-d5	7.404	82	796863	68.245	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	269152	82.679	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1404497	73.471	ng	0.00
79) Terphenyl-d14	12.951	244	973774	35.035	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	99528	12.900	ng	# 51
25) Isophorone	7.404	82	796846	38.520	ng	# 59
66) n-Nitrosodiphenylamine	10.539	169	63102	4.340	ng	# 42
71) Phenanthrene	11.386	178	61635	2.703	ng	# 66
75) Fluoranthene	12.580	202	138884	6.749	ng	90
78) Pyrene	12.804	202	128669	2.991	ng	# 88
81) Benzo(a)anthracene	13.986	228	78396	2.854	ng	93
83) Chrysene	13.986	228	78396	2.887	ng	95
84) Bis(2-ethylhexyl)phtha...	13.980	149	44433	2.962	ng	# 93
88) Benzo(b)fluoranthene	15.027	252	147507	6.156	ng	98
89) Benzo(k)fluoranthene	15.027	252	147507	5.996	ng	# 96
90) Benzo(a)pyrene	15.386	252	64868	3.057	ng	99

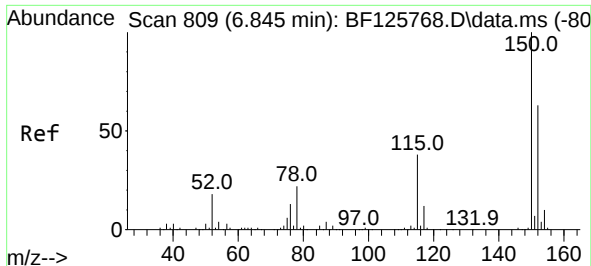
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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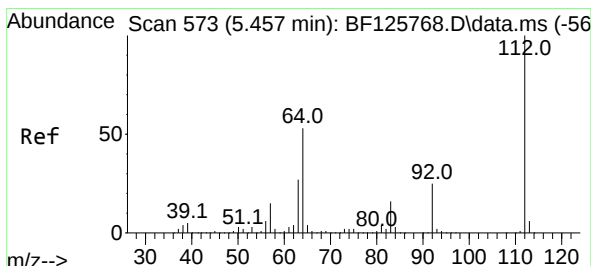
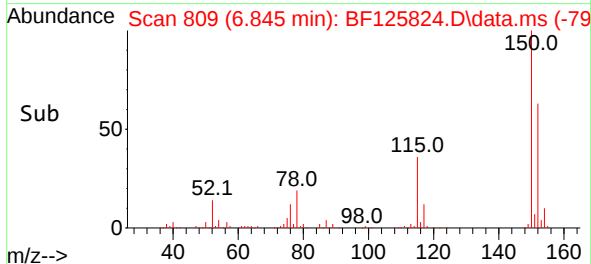
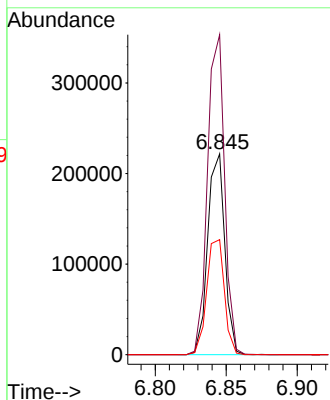
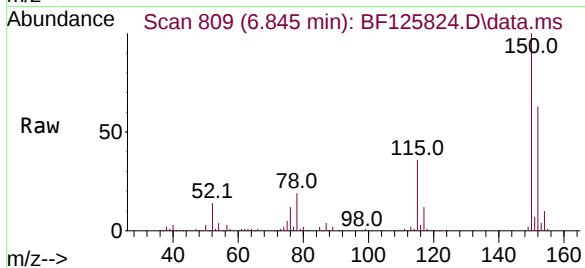




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

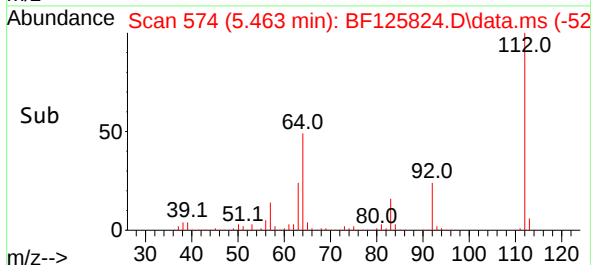
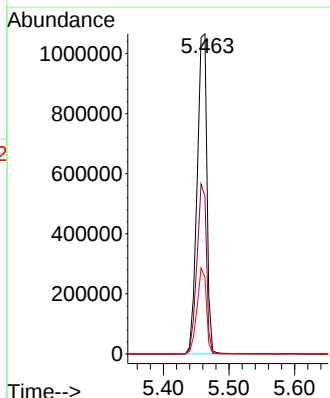
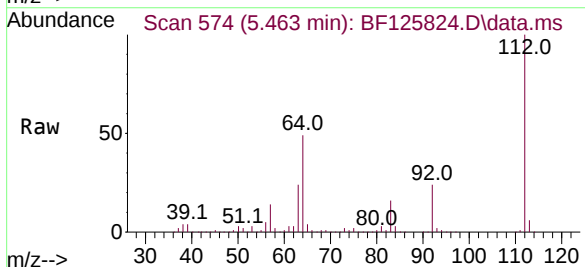
Instrument :
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ClientSampleId :
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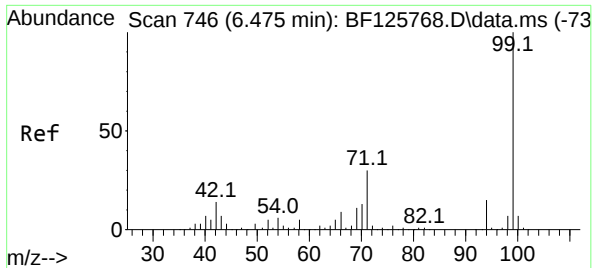
Tgt Ion:152 Resp: 185476
Ion Ratio Lower Upper
152 100
150 159.4 117.6 176.4
115 57.3 47.1 70.7



#5
2-Fluorophenol
Concen: 97.377 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

Tgt Ion:112 Resp: 1105587
Ion Ratio Lower Upper
112 100
64 49.2 44.2 66.2
63 24.0 26.2 39.2#

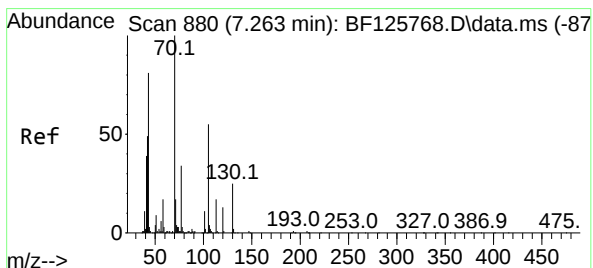
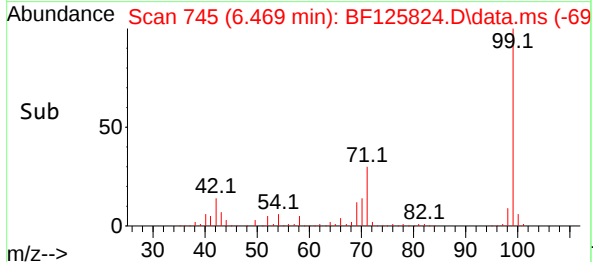
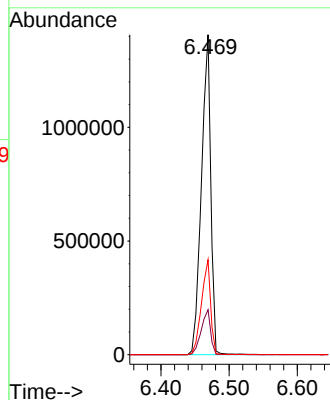
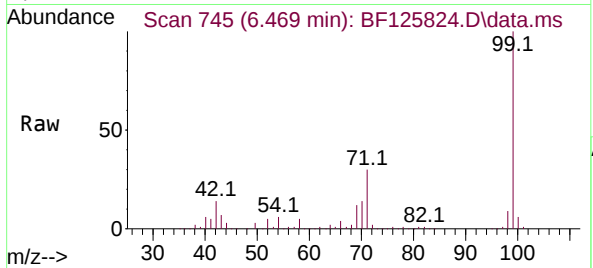




#7
Phenol-d6
Concen: 91.745 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

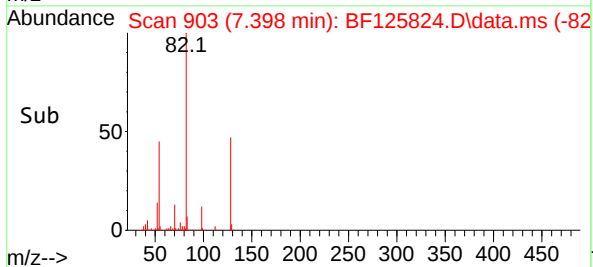
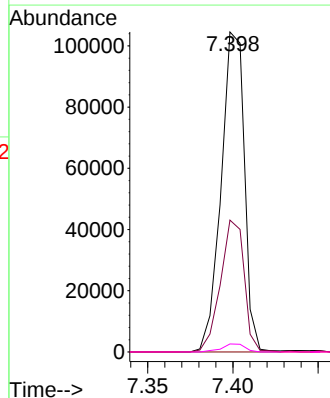
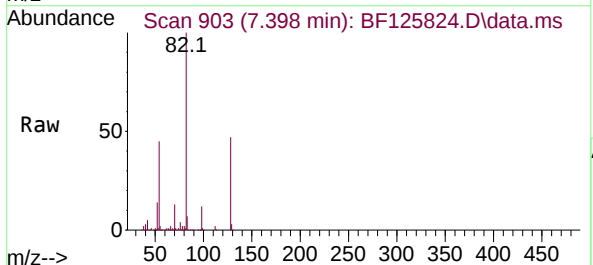
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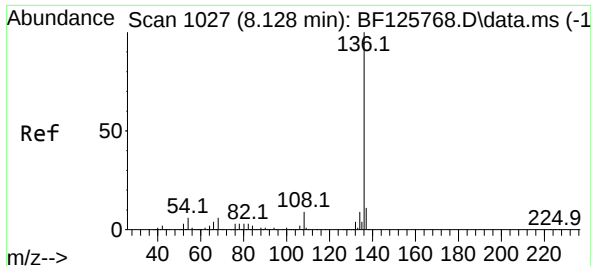
Tgt Ion: 99 Resp: 1340942
Ion Ratio Lower Upper
99 100
42 14.1 23.5 35.3#
71 29.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.900 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

Tgt Ion: 70 Resp: 99528
Ion Ratio Lower Upper
70 100
42 41.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.5 21.8 32.6#

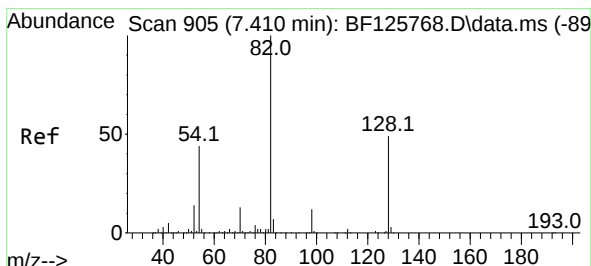
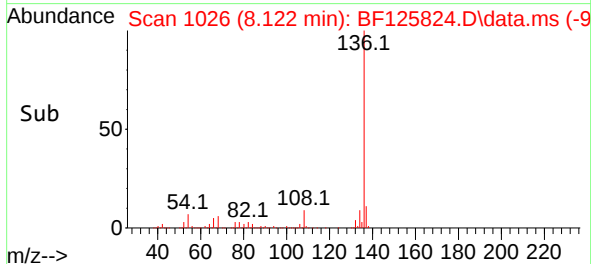
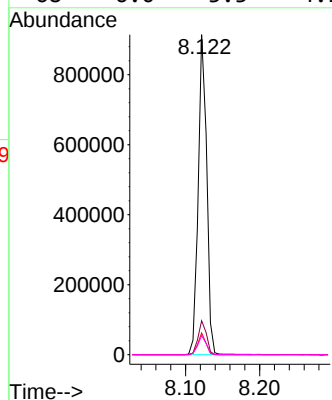
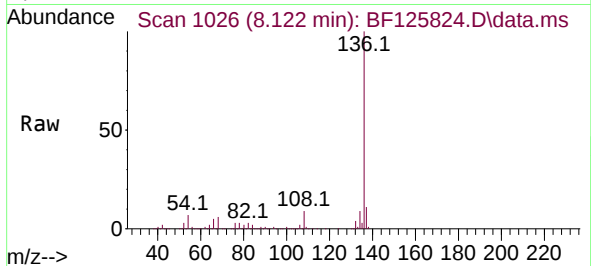




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

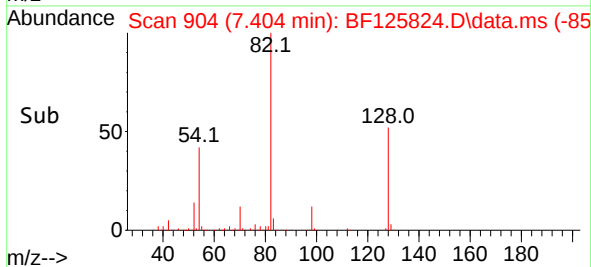
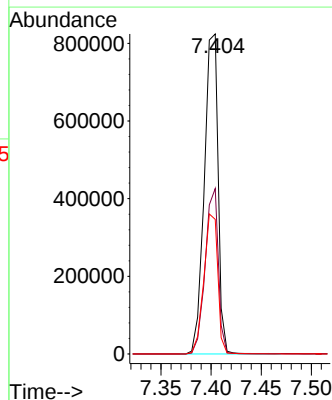
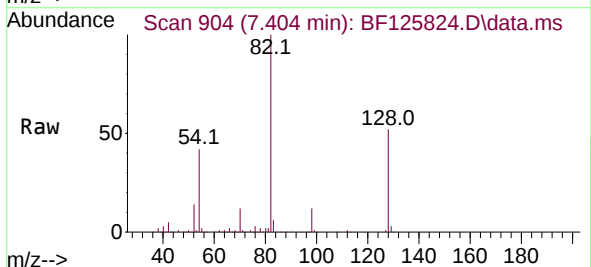
Instrument :
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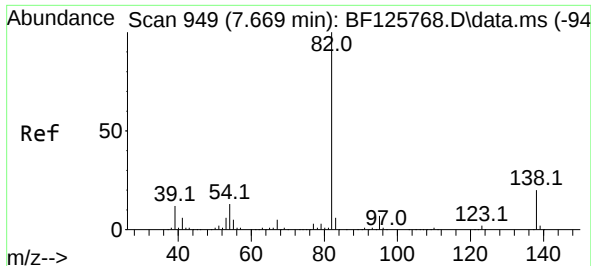
Tgt Ion:136	Resp:	725810
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.8 14.6
54	6.8	6.4 9.6
68	6.0	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 68.245 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

Tgt Ion: 82	Resp:	796863
Ion Ratio	Lower	Upper
82	100	
128	51.7	40.6 60.8
54	42.1	49.6 74.4#

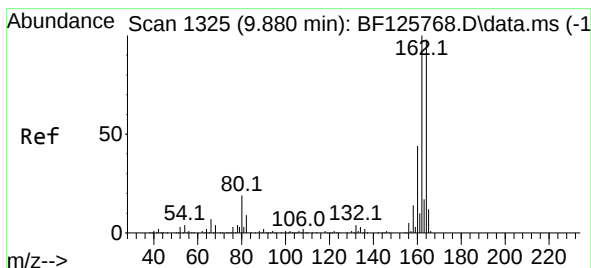
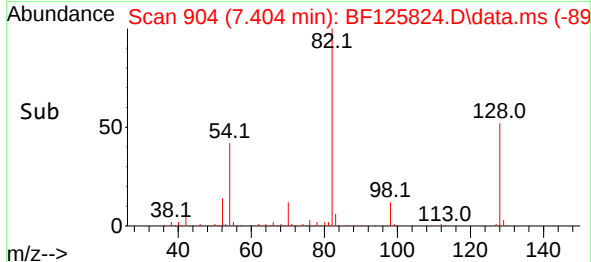
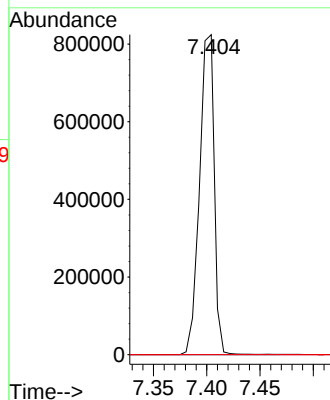
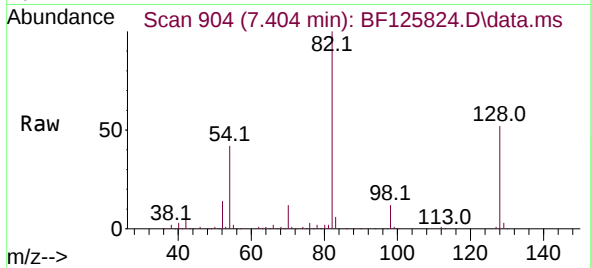




#25
Isophorone
Concen: 38.520 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

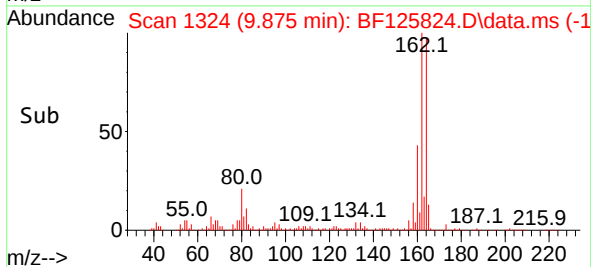
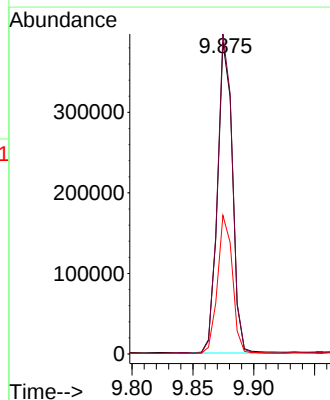
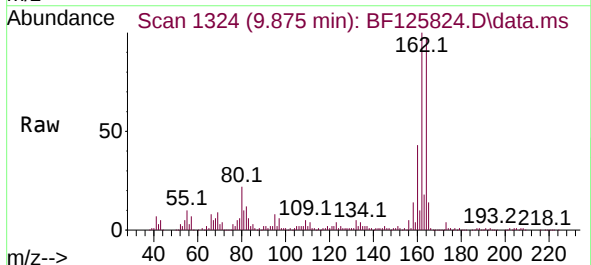
Instrument :
BNA_F
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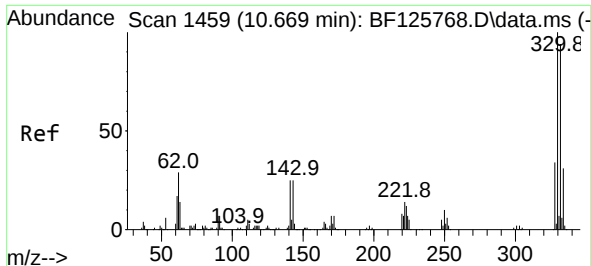
Tgt Ion: 82 Resp: 796846
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

Tgt Ion:164 Resp: 329722
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 44.4 38.0 57.0

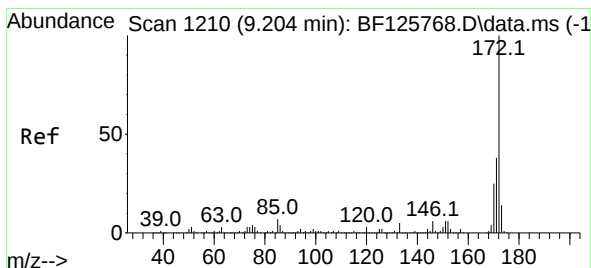
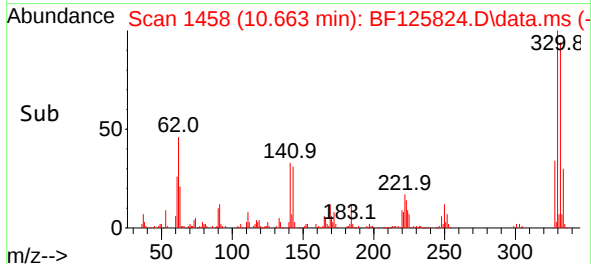
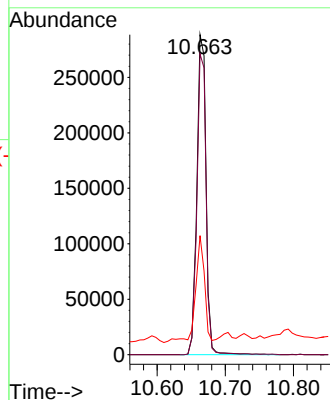
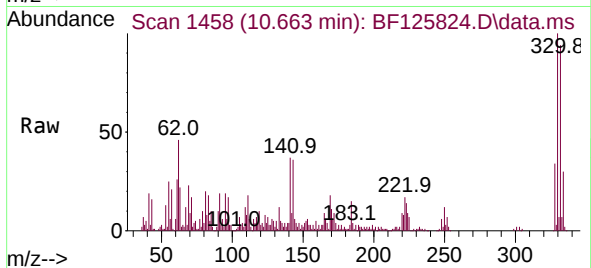




#42
2,4,6-Tribromophenol
Concen: 82.679 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

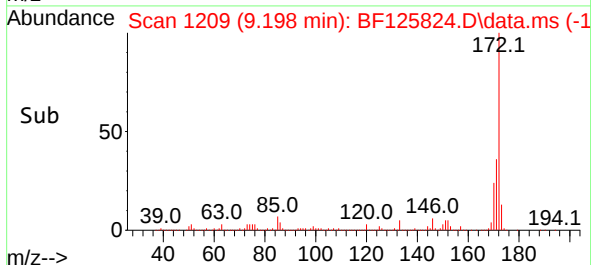
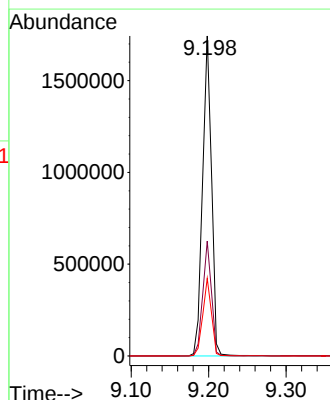
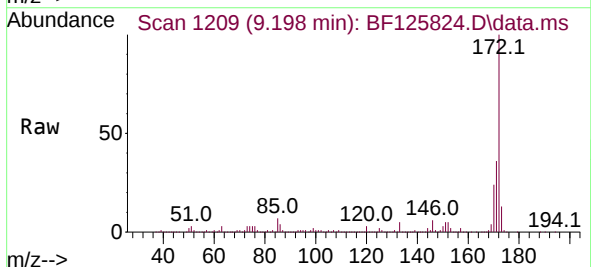
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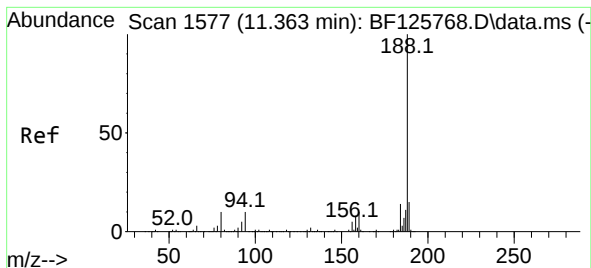
Tgt Ion:330 Resp: 269152
Ion Ratio Lower Upper
330 100
332 94.1 76.2 114.4
141 33.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 73.471 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

Tgt Ion:172 Resp: 1404497
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.2 18.8 28.2

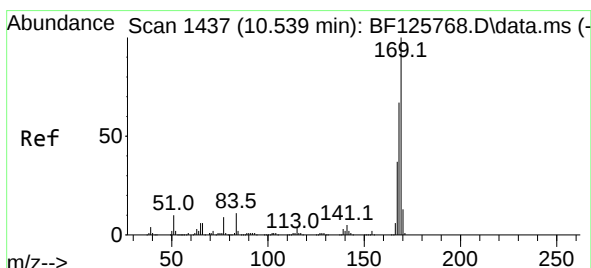
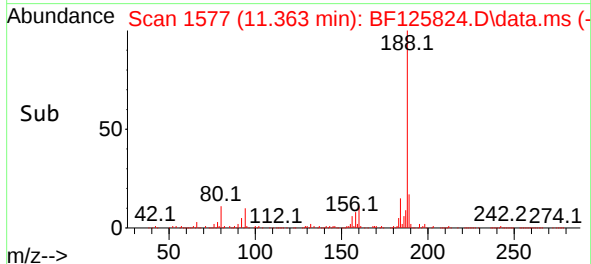
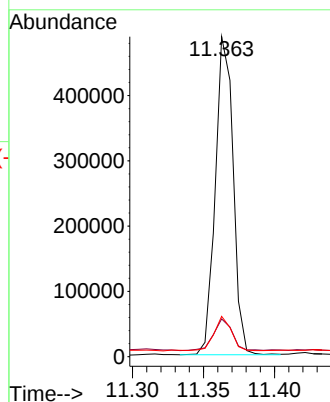
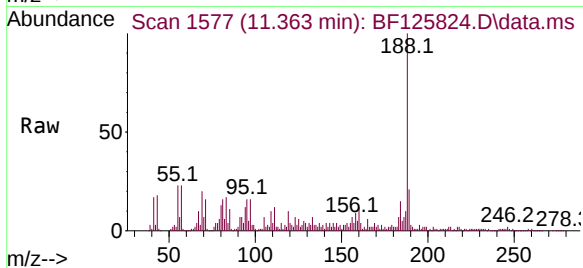




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

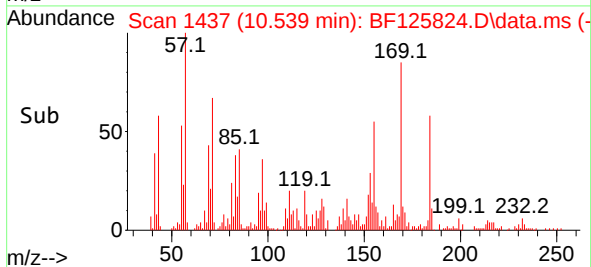
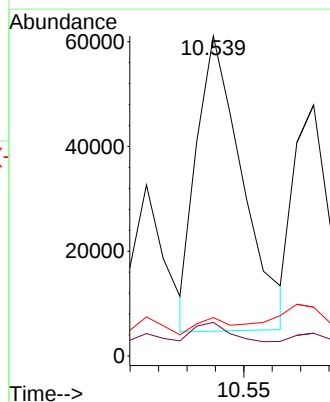
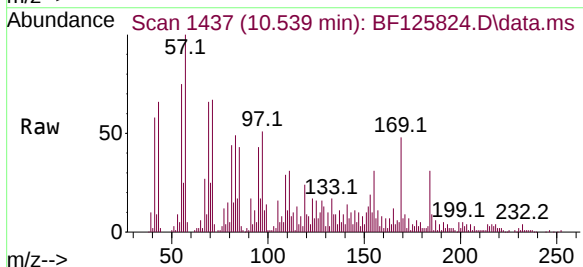
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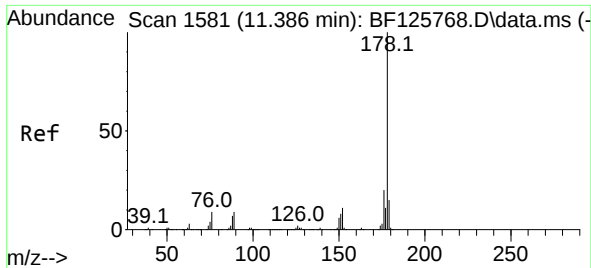
Tgt Ion:188 Resp: 426258
Ion Ratio Lower Upper
188 100
94 11.8 6.7 10.1#
80 12.6 7.5 11.3#



#66
n-Nitrosodiphenylamine
Concen: 4.340 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

Tgt Ion:169 Resp: 63102
Ion Ratio Lower Upper
169 100
168 10.5 50.8 76.2#
167 12.0 28.8 43.2#

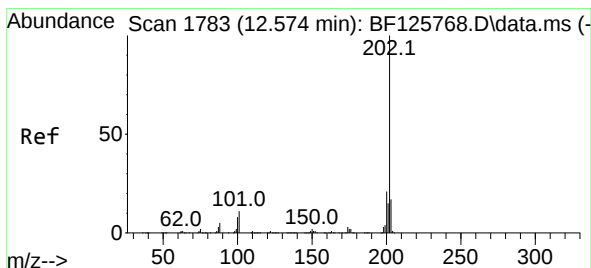
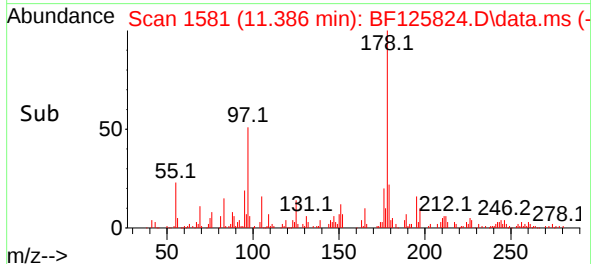
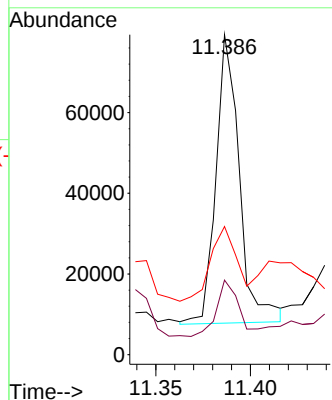
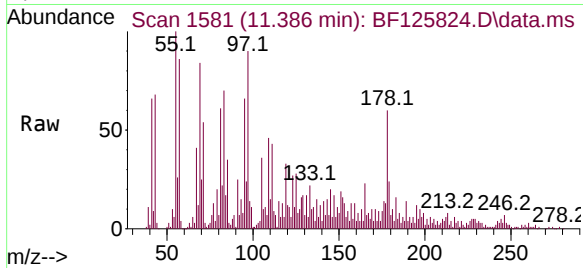




#71
Phenanthrene
Concen: 2.703 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

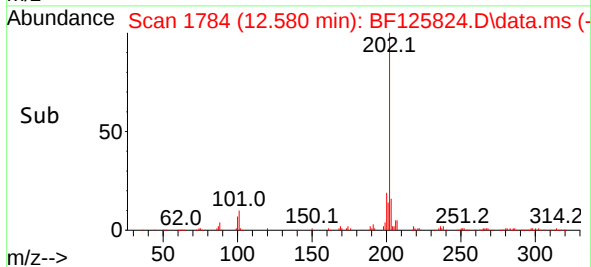
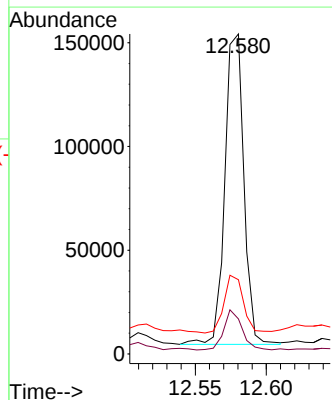
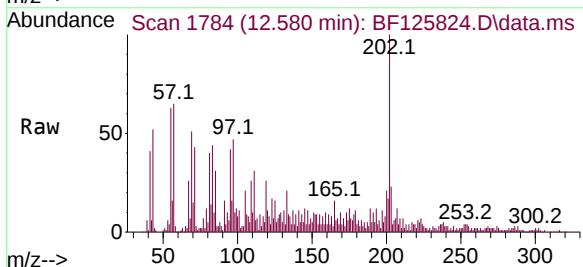
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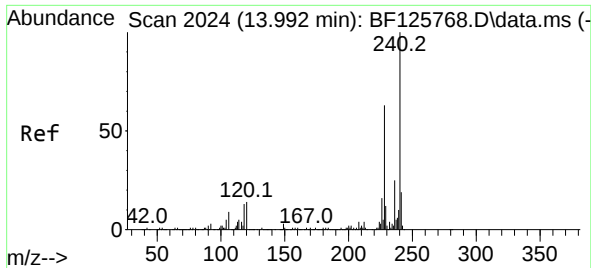
Tgt Ion:178 Resp: 61635
Ion Ratio Lower Upper
178 100
176 23.3 14.7 22.1#
179 40.1 11.5 17.3#



#75
Fluoranthene
Concen: 6.749 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.006 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

Tgt Ion:202 Resp: 138884
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.7
203 23.2 0.0 36.3

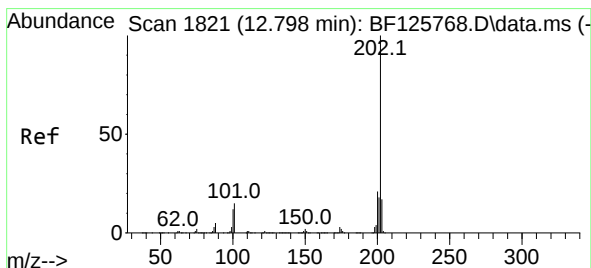
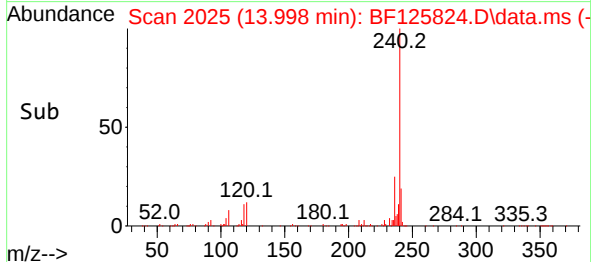
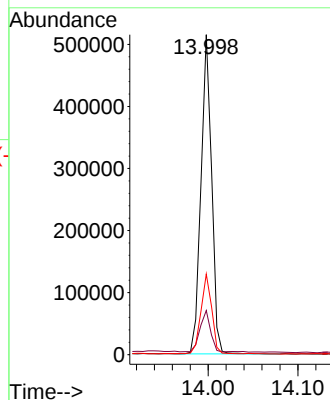
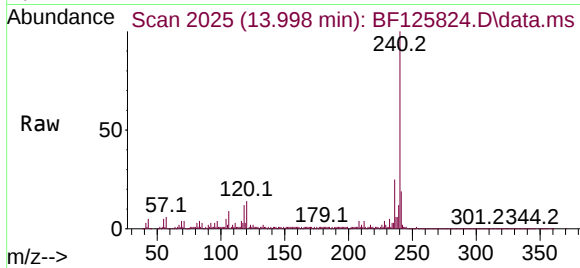




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

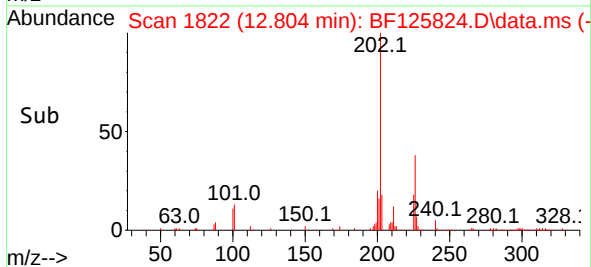
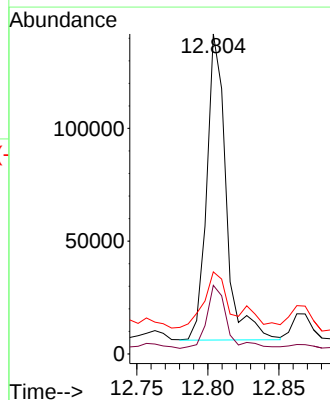
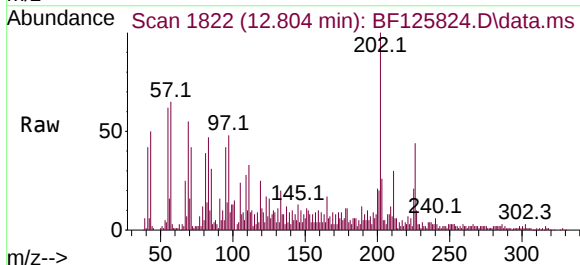
Instrument :
BNA_F
ClientSampleId :
CHRT-27080

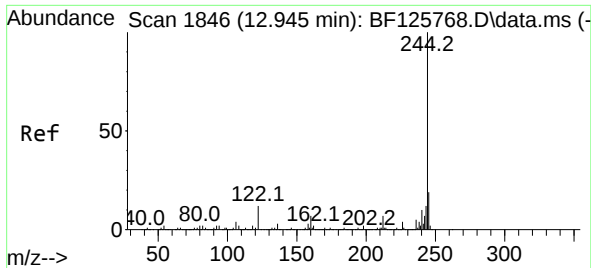
Tgt Ion:240 Resp: 423382
Ion Ratio Lower Upper
240 100
120 13.8 10.8 16.2
236 25.2 21.6 32.4



#78
Pyrene
Concen: 2.991 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

Tgt Ion:202 Resp: 128669
Ion Ratio Lower Upper
202 100
200 21.4 15.3 22.9
203 25.7 13.4 20.0#

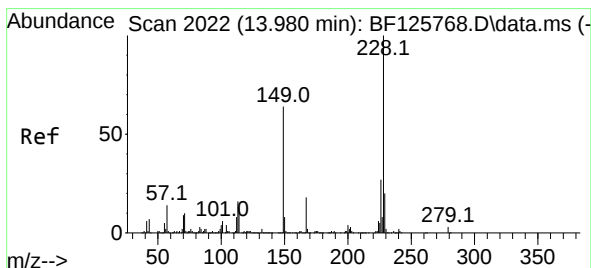
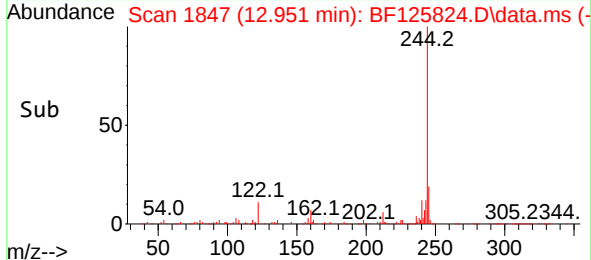
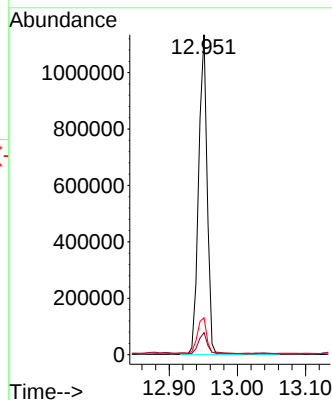
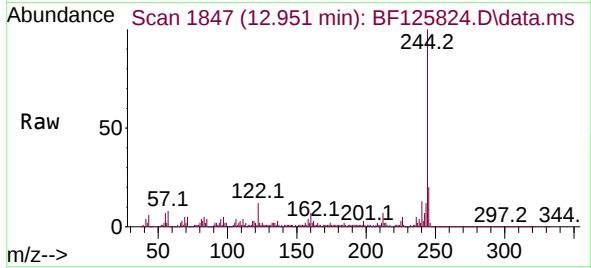




#79
 Terphenyl-d14
 Concen: 35.035 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. 0.006 min
 Lab File: BF125824.D
 Acq: 13 Oct 2021 13:43

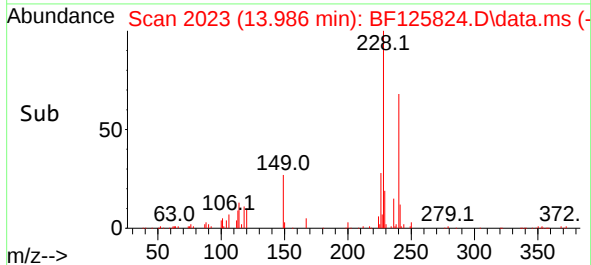
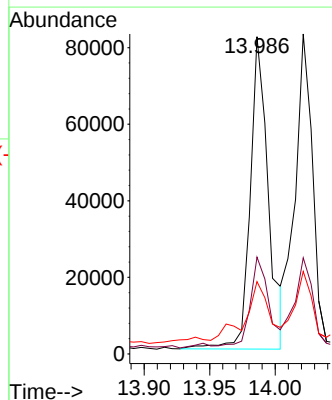
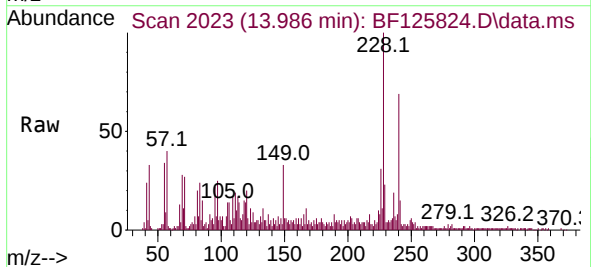
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27080

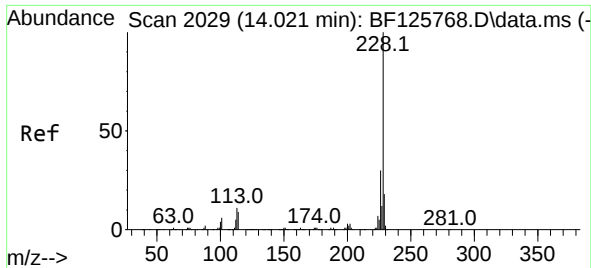
Tgt Ion:244 Resp: 973774
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.6 9.0 13.4



#81
 Benzo(a)anthracene
 Concen: 2.854 ng
 RT: 13.986 min Scan# 2023
 Delta R.T. -0.000 min
 Lab File: BF125824.D
 Acq: 13 Oct 2021 13:43

Tgt Ion:228 Resp: 78396
 Ion Ratio Lower Upper
 228 100
 226 30.5 21.6 32.4
 229 22.8 15.6 23.4

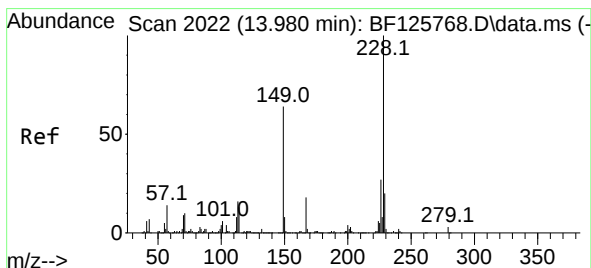
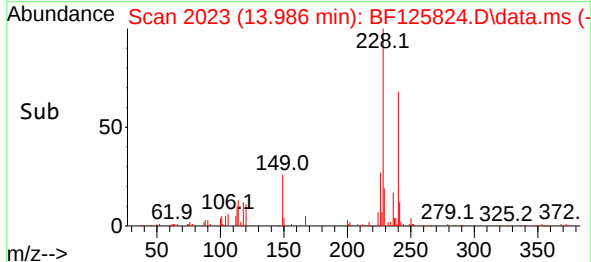
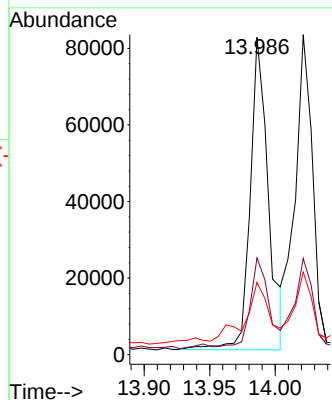
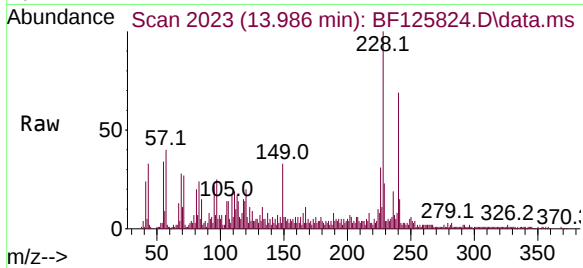




#83
Chrysene
Concen: 2.887 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.041 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

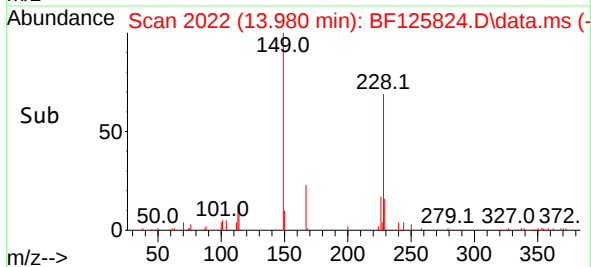
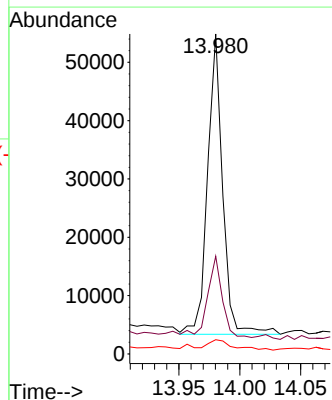
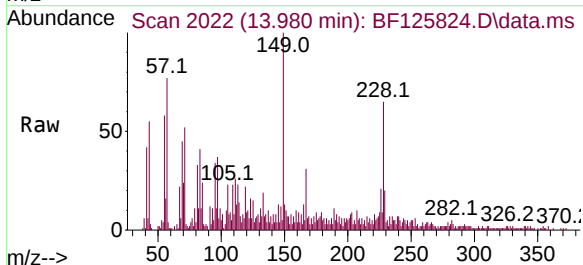
Instrument :
BNA_F
ClientSampleId :
CHRT-27080

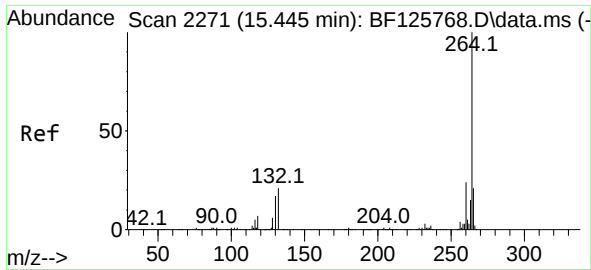
Tgt Ion:228	Resp:	78396
Ion Ratio	Lower	Upper
228	100	
226	30.5	22.6 34.0
229	22.8	15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.962 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

Tgt Ion:149	Resp:	44433
Ion Ratio	Lower	Upper
149	100	
167	30.5	21.4 32.0
279	4.4	2.6 4.0#

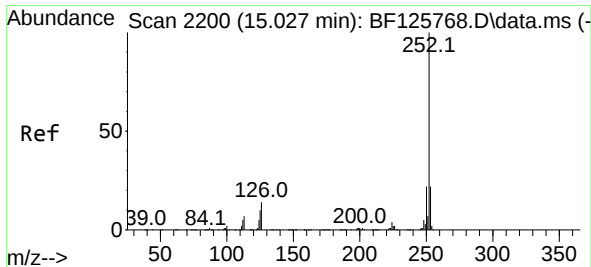
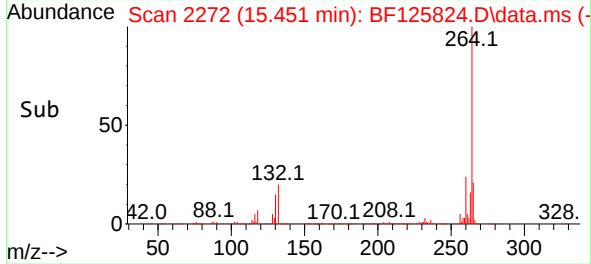
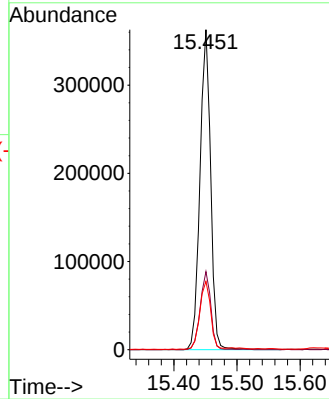
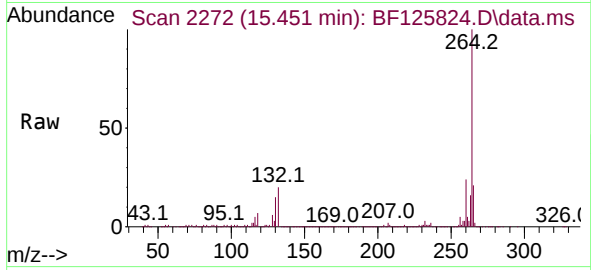




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

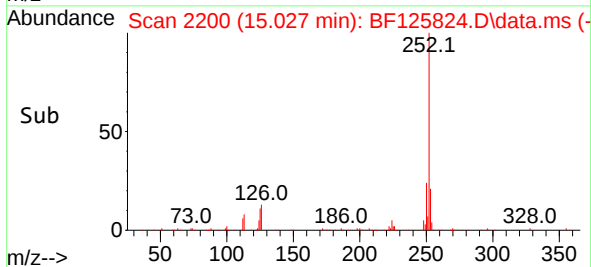
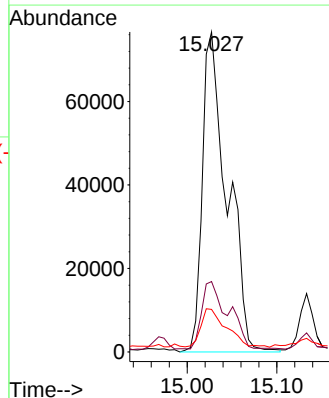
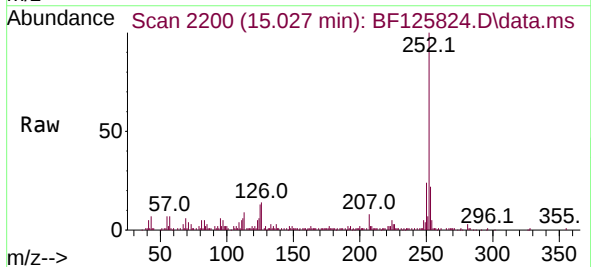
Instrument :
BNA_F
ClientSampleId :
CHRT-27080

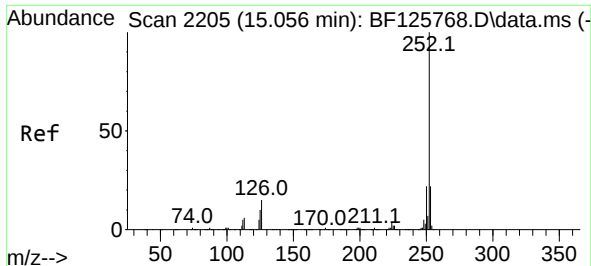
Tgt Ion:264	Resp: 424394
Ion Ratio	Lower Upper
264	100
260	24.4 19.6 29.4
265	21.4 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 6.156 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

Tgt Ion:252	Resp: 147507
Ion Ratio	Lower Upper
252	100
253	22.0 16.8 25.2
125	13.3 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 5.996 ng

RT: 15.027 min Scan# 2200

Delta R.T. -0.035 min

Lab File: BF125824.D

Acq: 13 Oct 2021 13:43

Tgt Ion:252 Resp: 147507

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

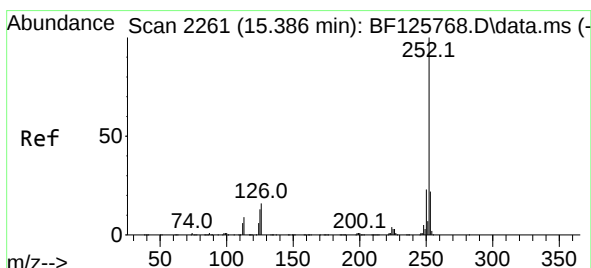
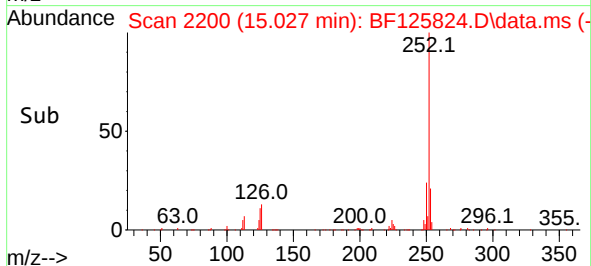
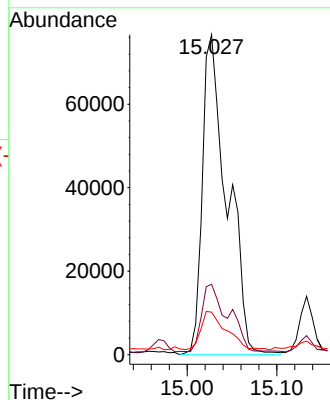
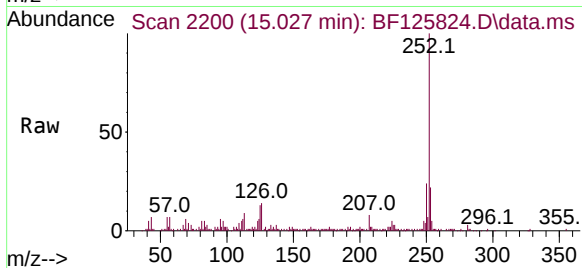
125 13.3 7.2 10.8#

Instrument :

BNA_F

ClientSampleId :

CHRT-27080



#90

Benzo(a)pyrene

Concen: 3.057 ng

RT: 15.386 min Scan# 2261

Delta R.T. -0.006 min

Lab File: BF125824.D

Acq: 13 Oct 2021 13:43

Tgt Ion:252 Resp: 64868

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

125 13.9 9.9 14.9

