

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

Manual Integrations
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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	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	725810	20.00	ng	# 0.00
39) Acenaphthene-d10	9.875	164	329722	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	426258	20.00	ng	# 0.00
76) Chrysene-d12	13.998	240	423382	20.00	ng	0.00
86) Perylene-d12	15.451	264	424394	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1105587	97.38	ng	0.00
7) Phenol-d6	6.469	99	1340942	91.75	ng	0.00
23) Nitrobenzene-d5	7.404	82	796863	68.25	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	269152	82.68	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1404497	73.47	ng	0.00
79) Terphenyl-d14	12.951	244	973774	35.03	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.386	178	61635	2.70	ng	# 66
75) Fluoranthene	12.580	202	138884	6.75	ng	90
78) Pyrene	12.804	202	128669	2.99	ng	# 88
81) Benzo(a)anthracene	13.986	228	78396	2.85	ng	93
83) Chrysene	14.021	228	78670m	2.90	ng	
84) Bis(2-ethylhexyl)phtha...	13.980	149	44433	2.96	ng	# 93
88) Benzo(b)fluoranthene	15.027	252	114040m	4.76	ng	
90) Benzo(a)pyrene	15.386	252	64868	3.06	ng	99

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

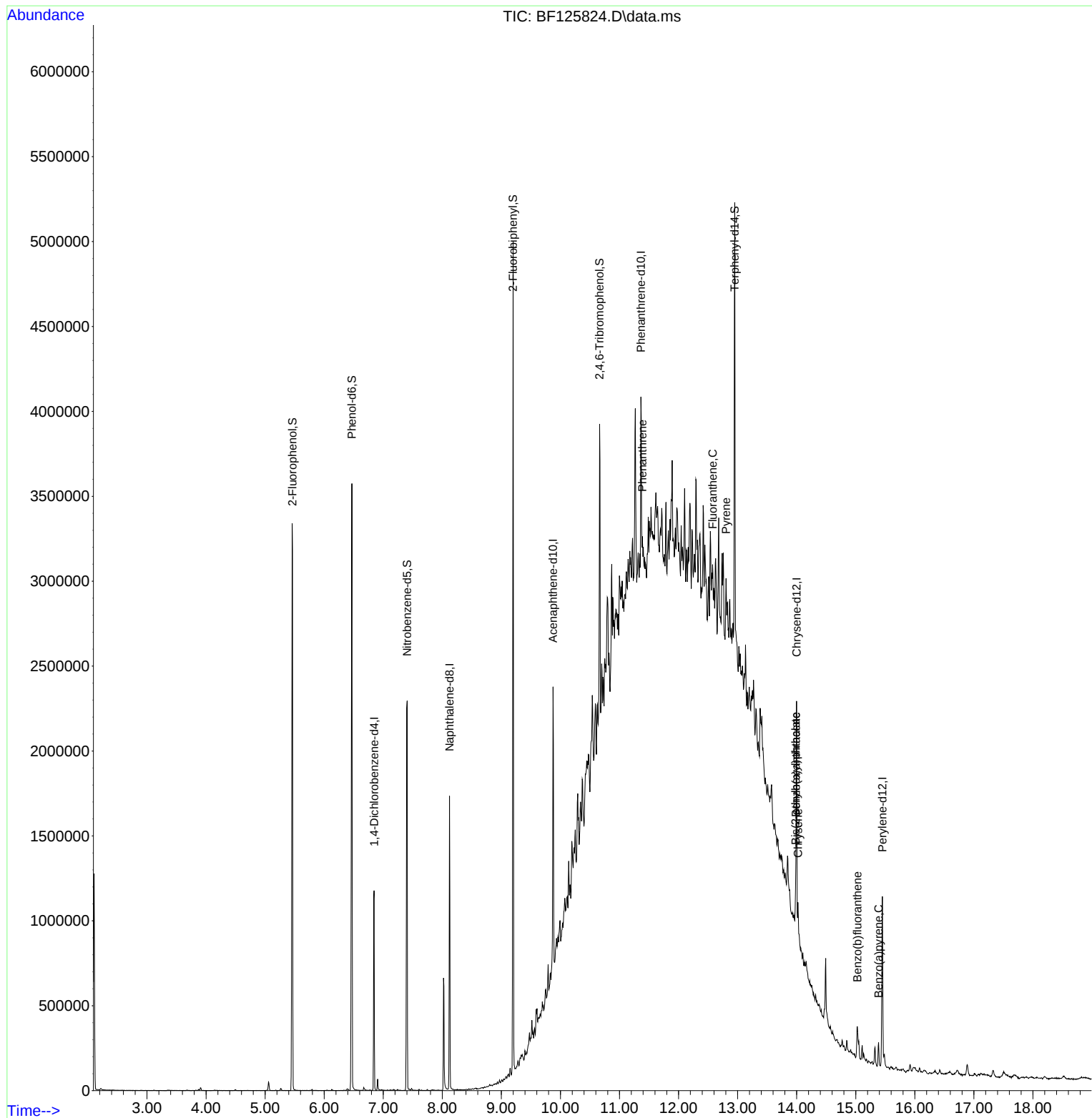
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125824.D
Acq On : 13 Oct 2021 13:43
Operator : JU/CG
Sample : M4127-01
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Instrument :
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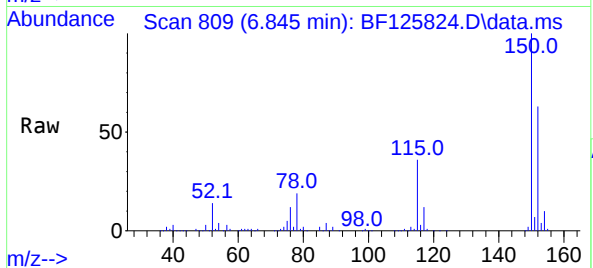
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 13:23:32 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

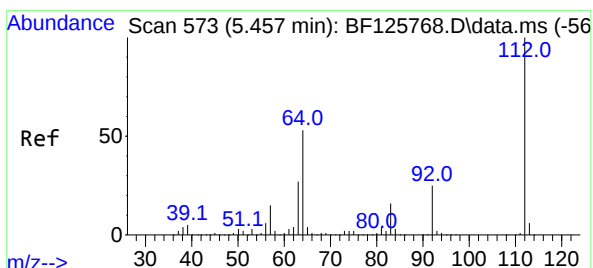
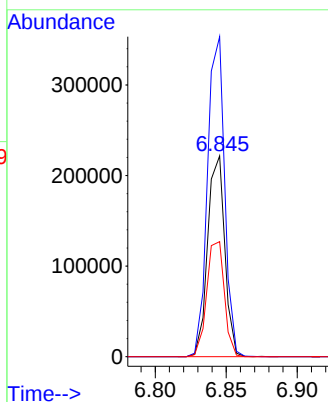
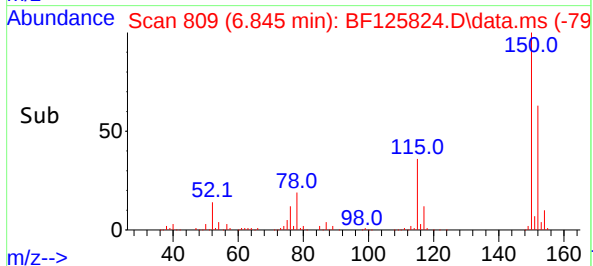
Instrument :
BNA_F
ClientSampleId :
CHRT-27080



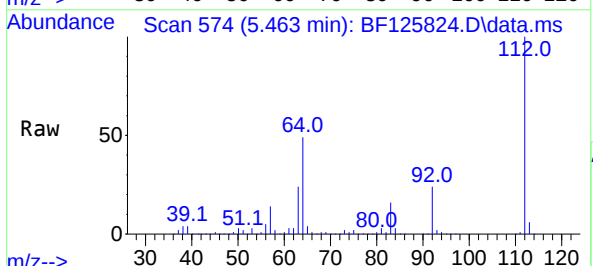
Tgt Ion:152 Resp: 185476
Ion Ratio Lower Upper
152 100
150 159.4 117.6 176.4
115 57.3 47.1 70.7

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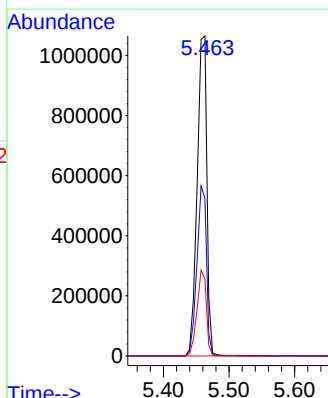
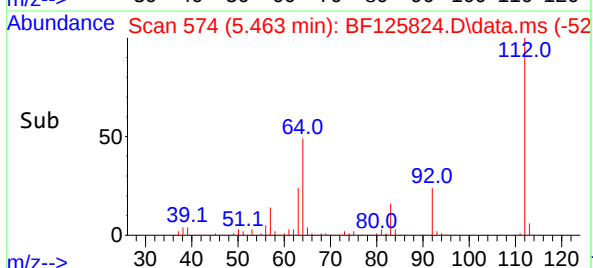
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#5
2-Fluorophenol
Concen: 97.38 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

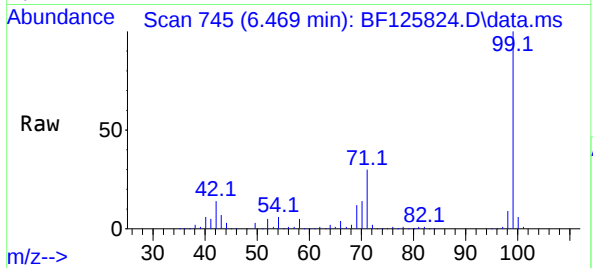


Tgt Ion:112 Resp: 1105587
Ion Ratio Lower Upper
112 100
64 49.2 44.2 66.2
63 24.0 26.2 39.2#

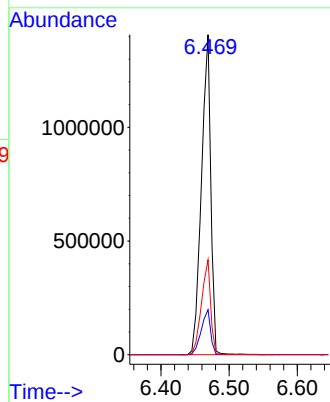
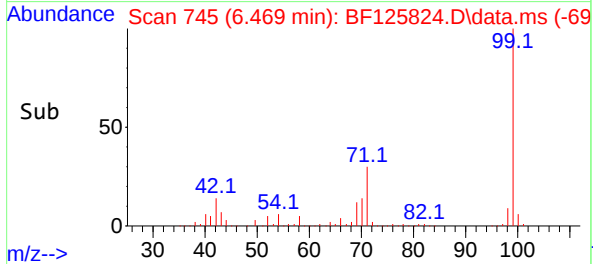




#7
Phenol-d6
Concen: 91.75 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43



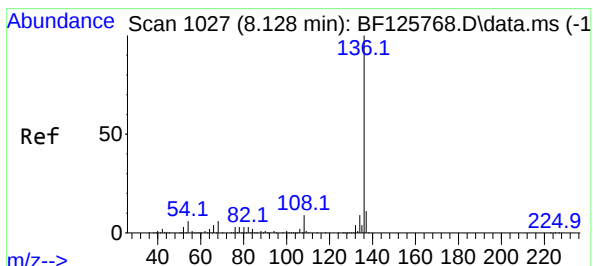
Tgt Ion: 99 Resp: 1340942
Ion Ratio Lower Upper
99 100
42 14.1 23.5 35.3#
71 29.7 25.6 38.4



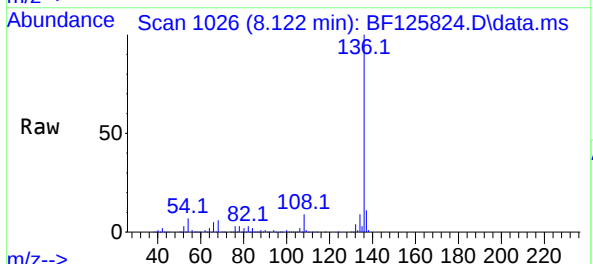
Instrument :
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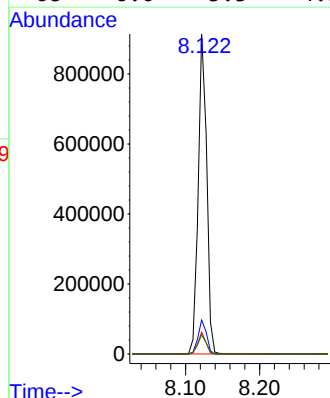
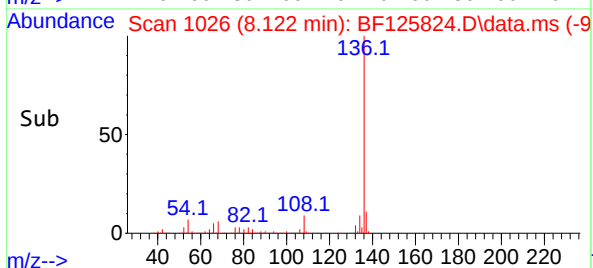
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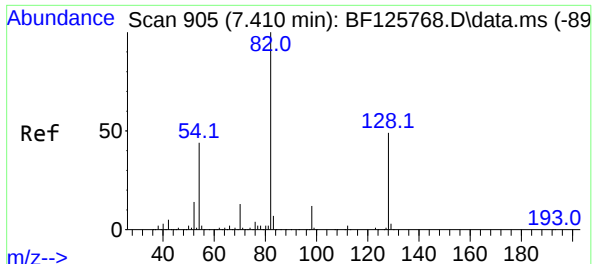


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43



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: 68.25 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#

Instrument :

BNA_F

ClientSampleId :

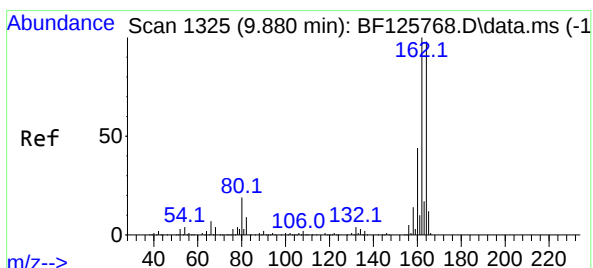
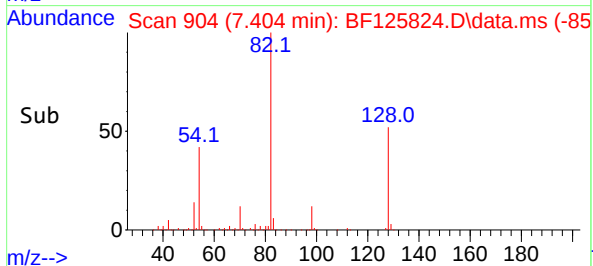
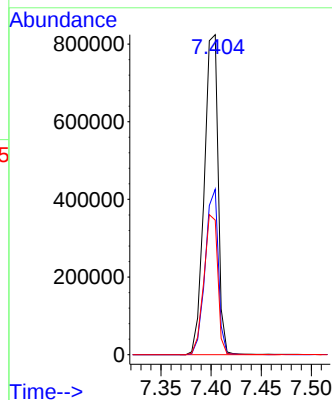
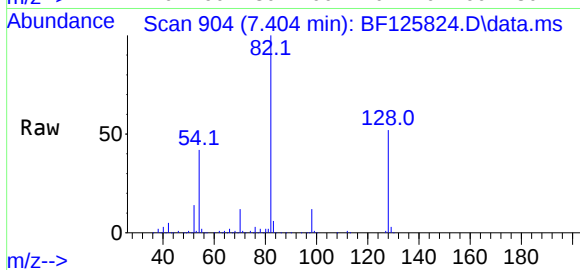
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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF125824.D

Acq: 13 Oct 2021 13:43

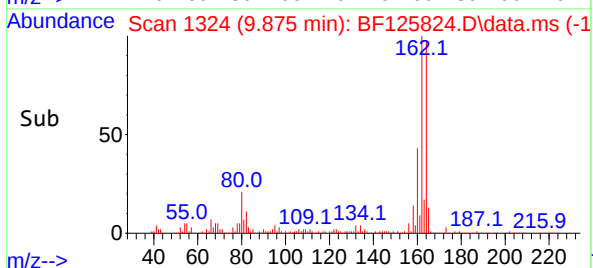
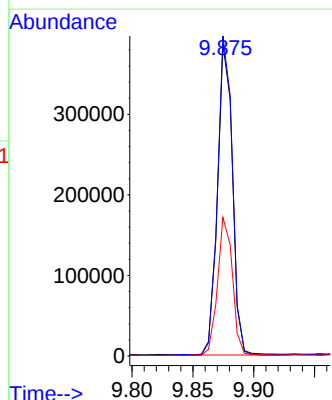
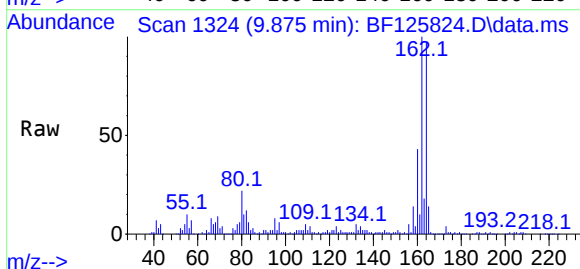
Tgt Ion:164 Resp: 329722

Ion Ratio Lower Upper

164 100

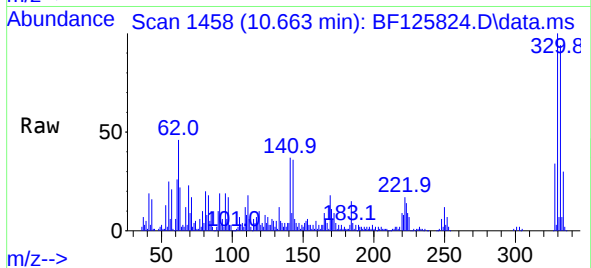
162 102.6 81.3 121.9

160 44.4 38.0 57.0

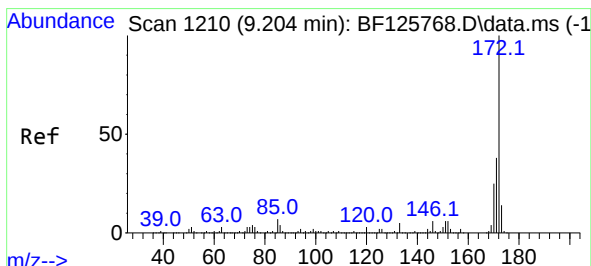
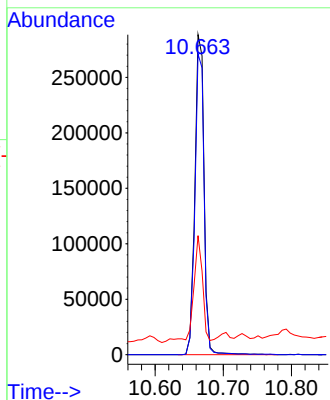
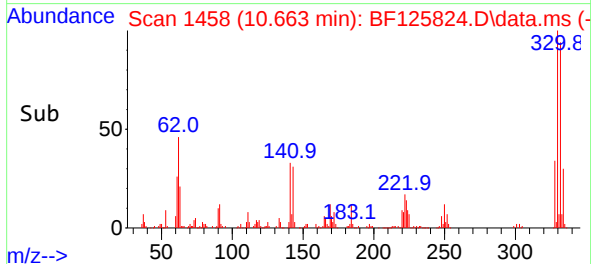




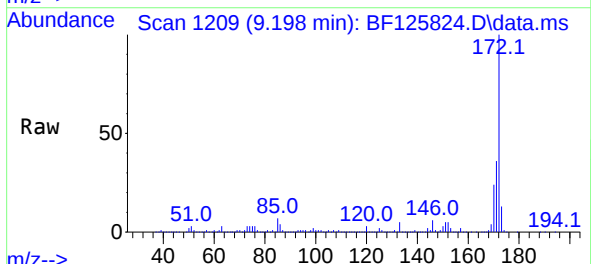
#42
2,4,6-Tribromophenol
Concen: 82.68 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43



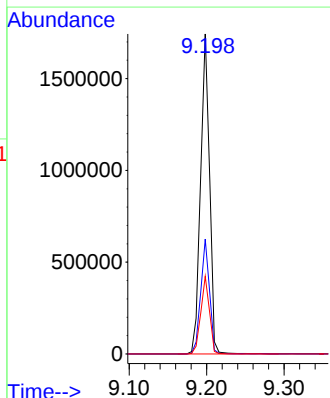
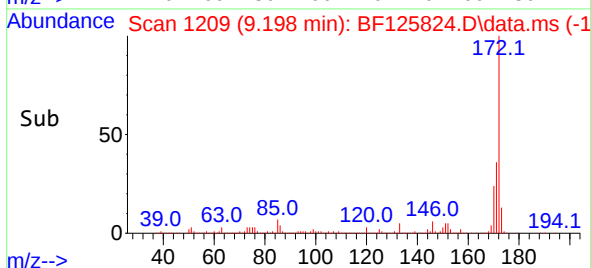
Tgt Ion: 330 Resp: 269152
Ion Ratio Lower Upper
330 100
332 94.1 76.2 114.4
141 33.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 73.47 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43



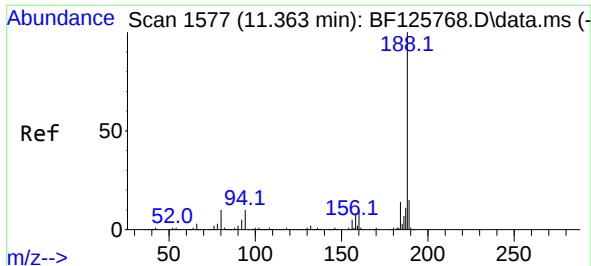
Tgt Ion: 172 Resp: 1404497
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.2 18.8 28.2



Instrument :
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ClientSampled :
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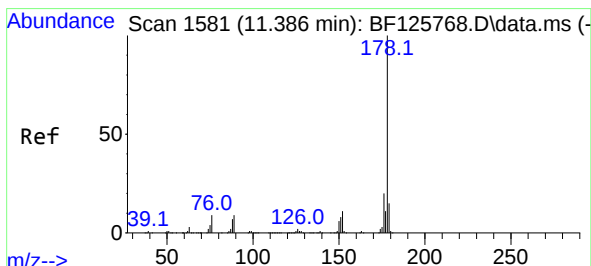
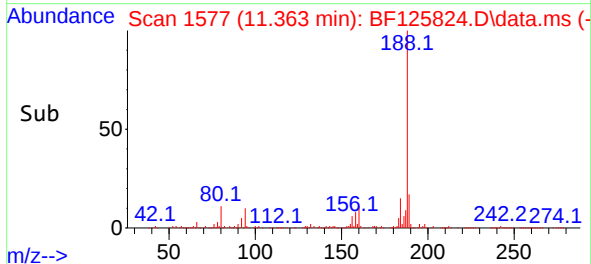
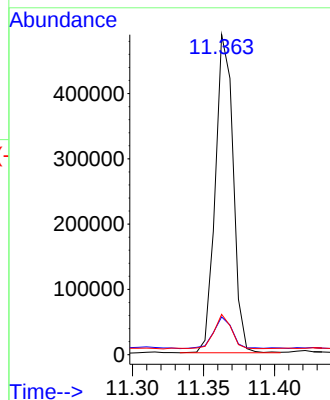
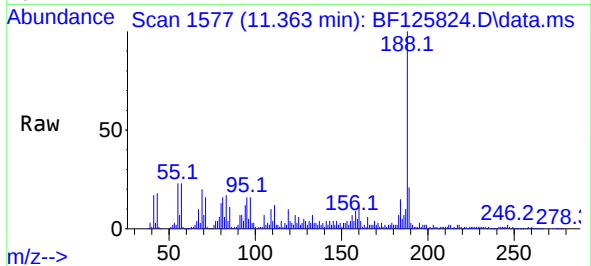
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

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#

Instrument :
BNA_F
ClientSampleId :
CHRT-27080

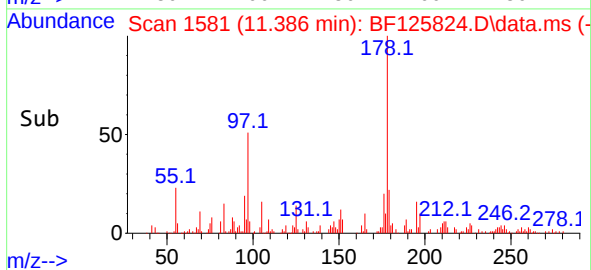
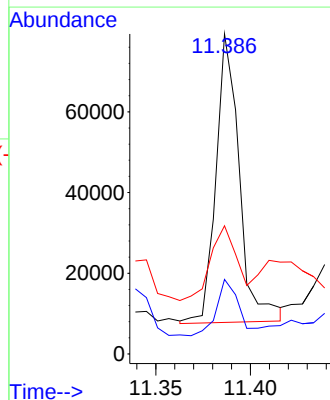
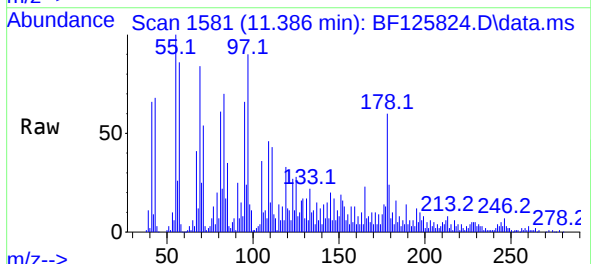
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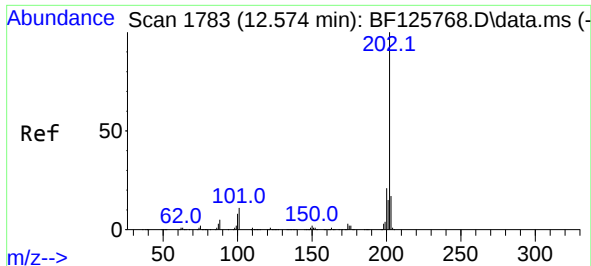
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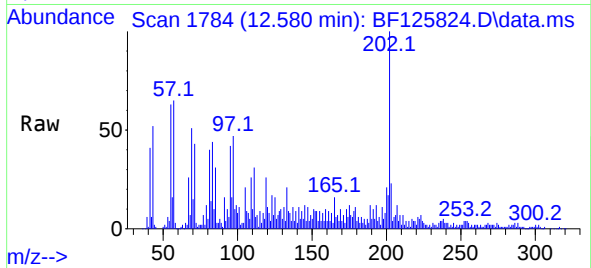
#71
Phenanthrene
Concen: 2.70 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

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#

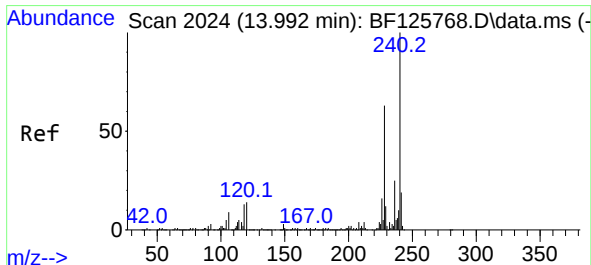
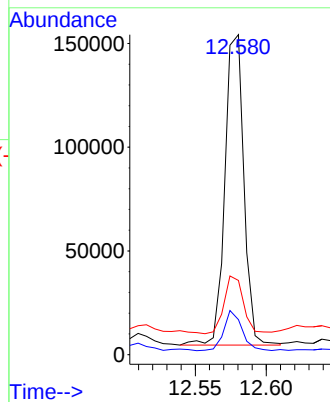
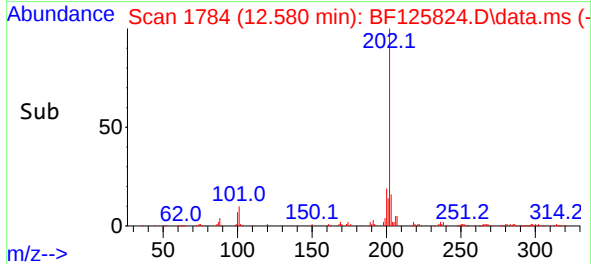




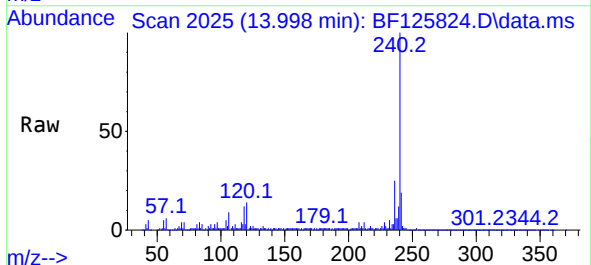
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Fluoranthene
Concen: 6.75 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.006 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43



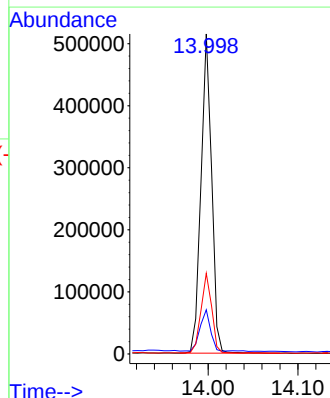
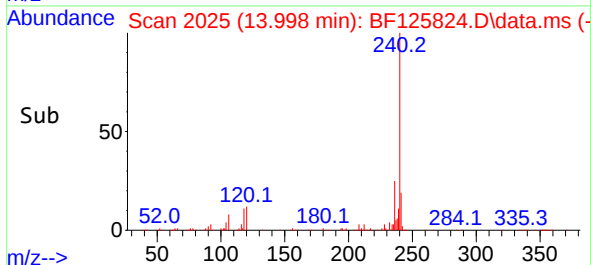
Tgt Ion:202 Resp: 138884
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.7
203 23.2 0.0 36.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43



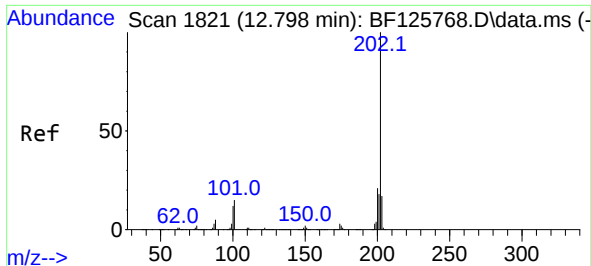
Tgt Ion:240 Resp: 423382
Ion Ratio Lower Upper
240 100
120 13.8 10.8 16.2
236 25.2 21.6 32.4



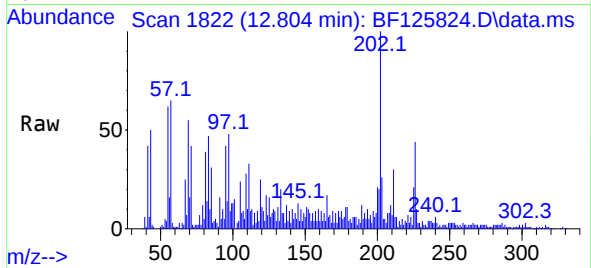
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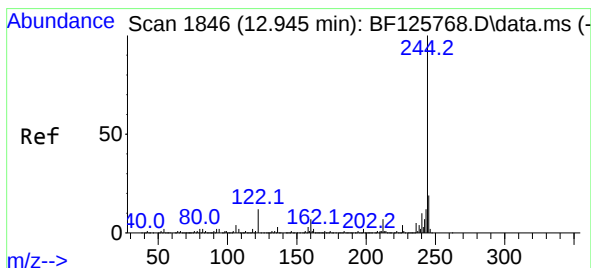
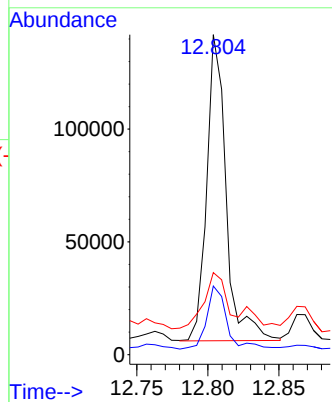
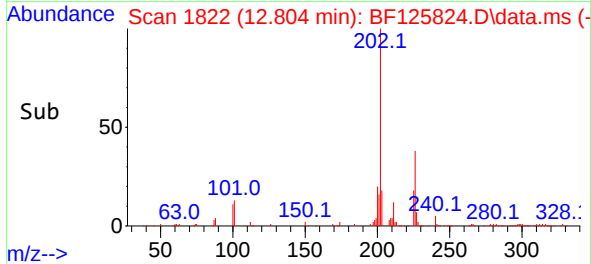
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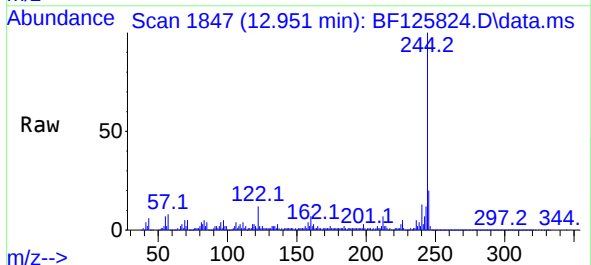
#78
Pyrene
Concen: 2.99 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43



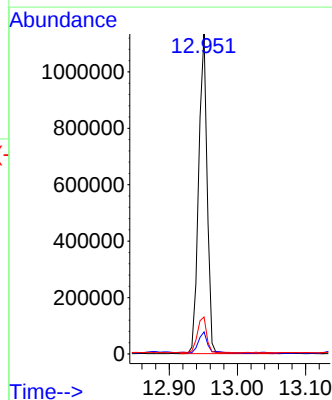
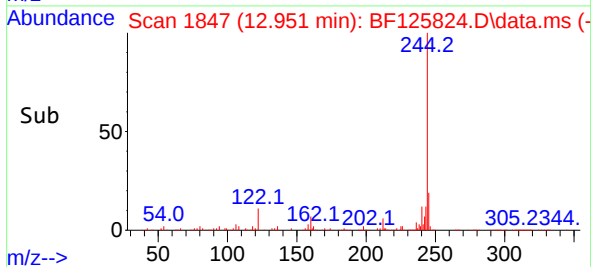
Tgt Ion:202 Resp: 128669
Ion Ratio Lower Upper
202 100
200 21.4 15.3 22.9
203 25.7 13.4 20.0#



#79
Terphenyl-d14
Concen: 35.03 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.006 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43



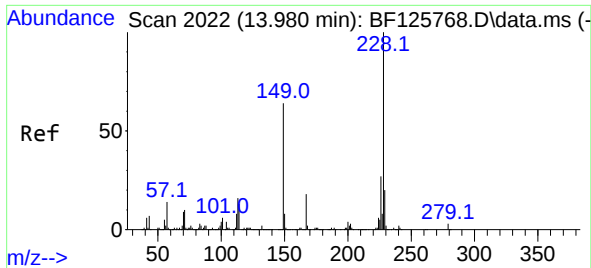
Tgt Ion:244 Resp: 973774
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 11.6 9.0 13.4



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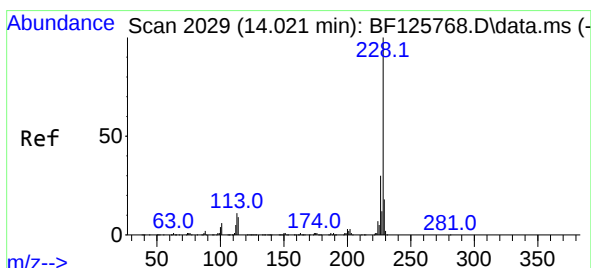
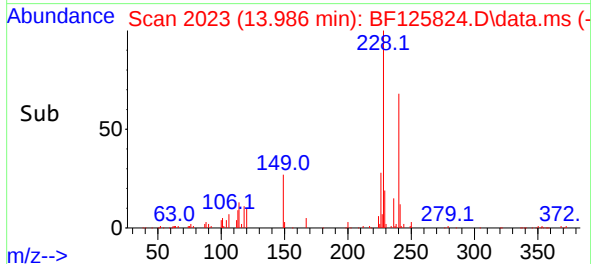
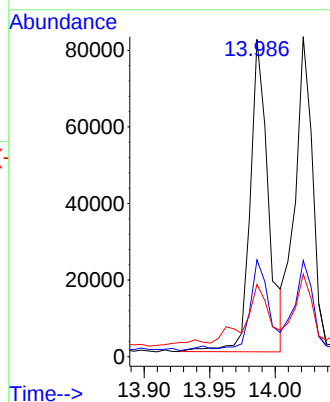
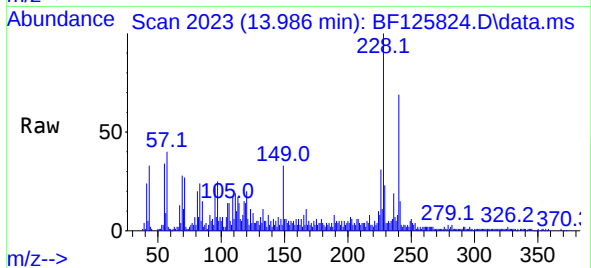
#81
Benzo(a)anthracene
Concen: 2.85 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

Instrument :
BNA_F
ClientSampleId :
CHRT-27080

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

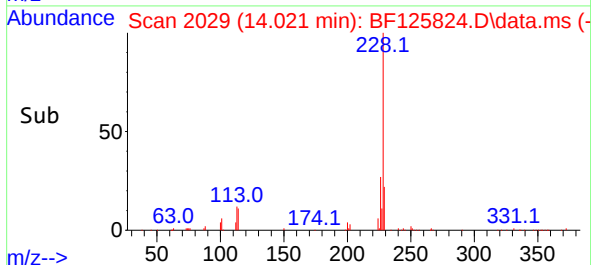
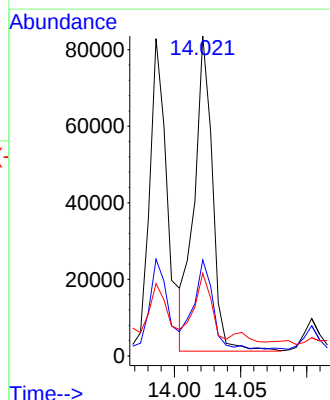
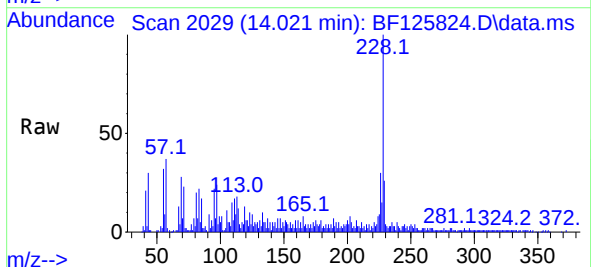
Manual Integrations
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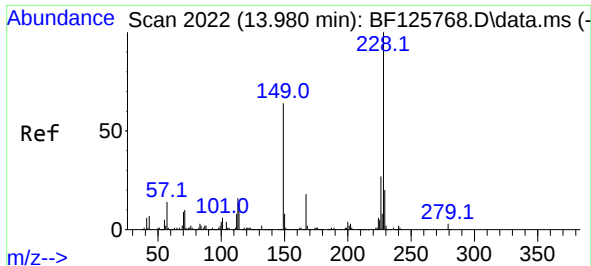
mohammad
10/14/2021 10:55:15 AM



#83
Chrysene
Concen: 2.90 ng m
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

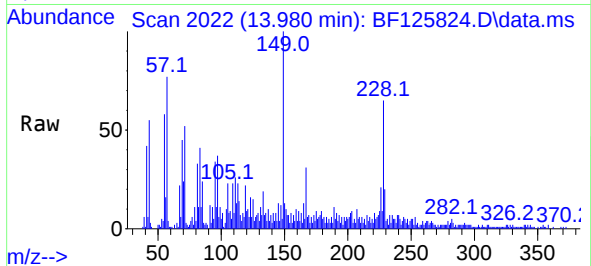
Tgt Ion:228 Resp: 78670
Ion Ratio Lower Upper
228 100
226 30.1 22.6 34.0
229 25.8 15.9 23.9#





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.96 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

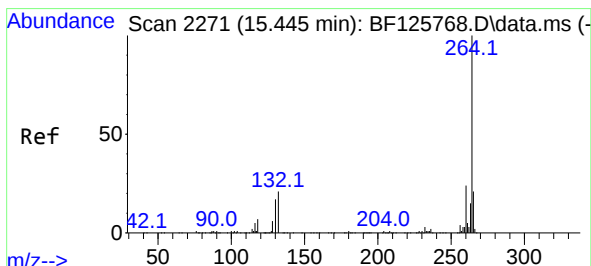
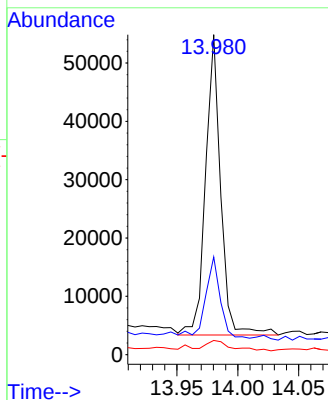
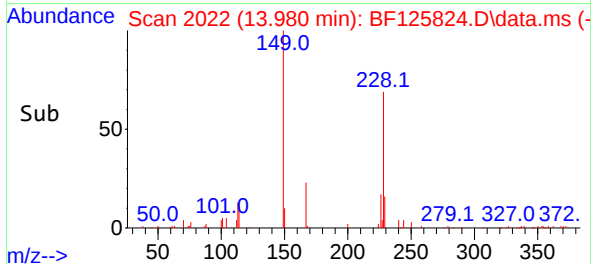
Instrument :
BNA_F
ClientSampleId :
CHRT-27080



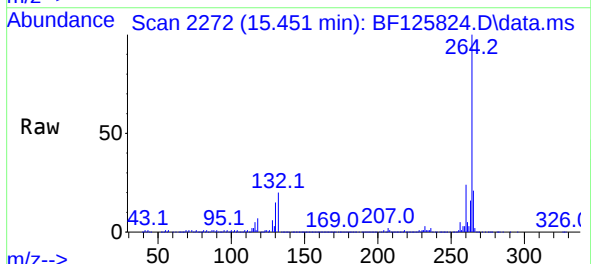
Tgt Ion:149 Resp: 44433
Ion Ratio Lower Upper
149 100
167 30.5 21.4 32.0
279 4.4 2.6 4.0#

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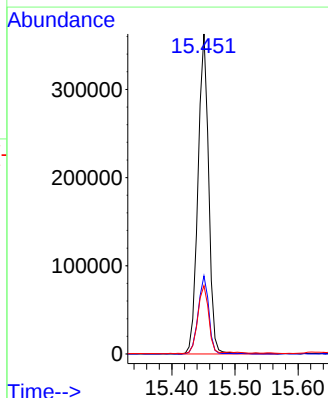
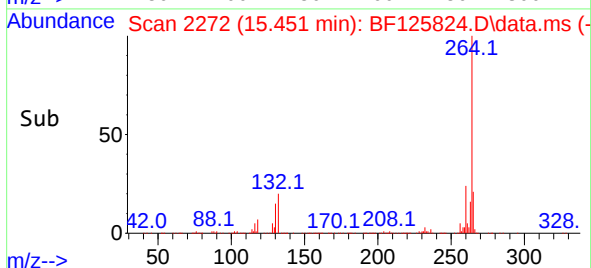
mohammad
10/14/2021 10:55:15 AM

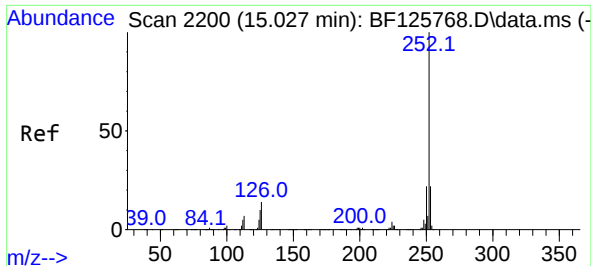


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43



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





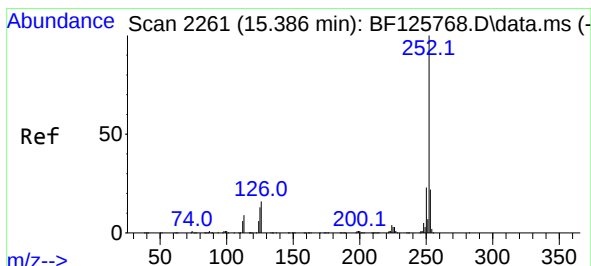
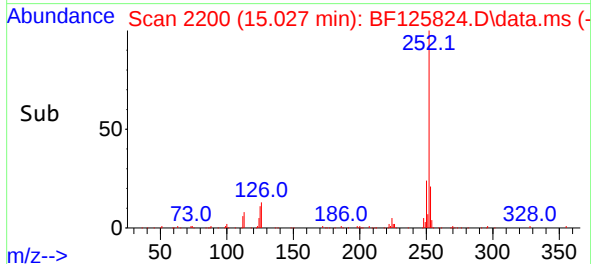
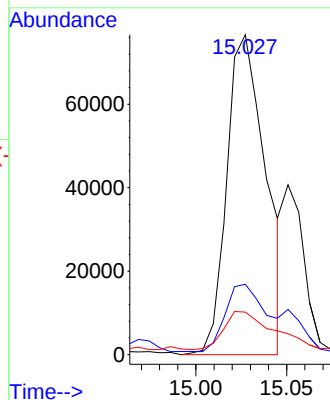
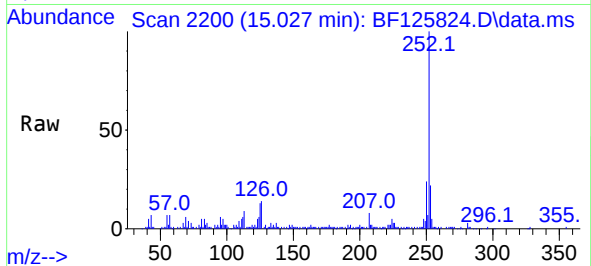
#88
Benzo(b)fluoranthene
Concen: 4.76 ng m
RT: 15.027 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BF125824.D
Acq: 13 Oct 2021 13:43

Tgt Ion:252 Resp: 114040
Ion Ratio Lower Upper
252 100
253 22.0 16.8 25.2
125 13.3 9.8 14.8

Instrument :
BNA_F
ClientSampleId :
CHRT-27080

Manual Integrations
APPROVED

mohammad
10/14/2021 10:55:15 AM



#90
Benzo(a)pyrene
Concen: 3.06 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

