

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
 Data File : BF125852.D
 Acq On : 14 Oct 2021 19:13
 Operator : JU/CG
 Sample : M4056-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-B

Quant Time: Oct 15 10:42:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 12:29:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	180214	20.00	ng	-0.01
21) Naphthalene-d8	8.110	136	740646	20.00	ng	#-0.02
39) Acenaphthene-d10	9.863	164	387663	20.00	ng	-0.02
64) Phenanthrene-d10	11.345	188	622294	20.00	ng	-0.02
76) Chrysene-d12	13.980	240	402128	20.00	ng	-0.02
86) Perylene-d12	15.433	264	406965	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1129068	102.35	ng	-0.01
7) Phenol-d6	6.457	99	1407234	99.09	ng	-0.02
23) Nitrobenzene-d5	7.392	82	816069	68.49	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	373257	97.52	ng	-0.02
45) 2-Fluorobiphenyl	9.186	172	1608771	71.58	ng	-0.02
79) Terphenyl-d14	12.933	244	1379755	52.26	ng	-0.01

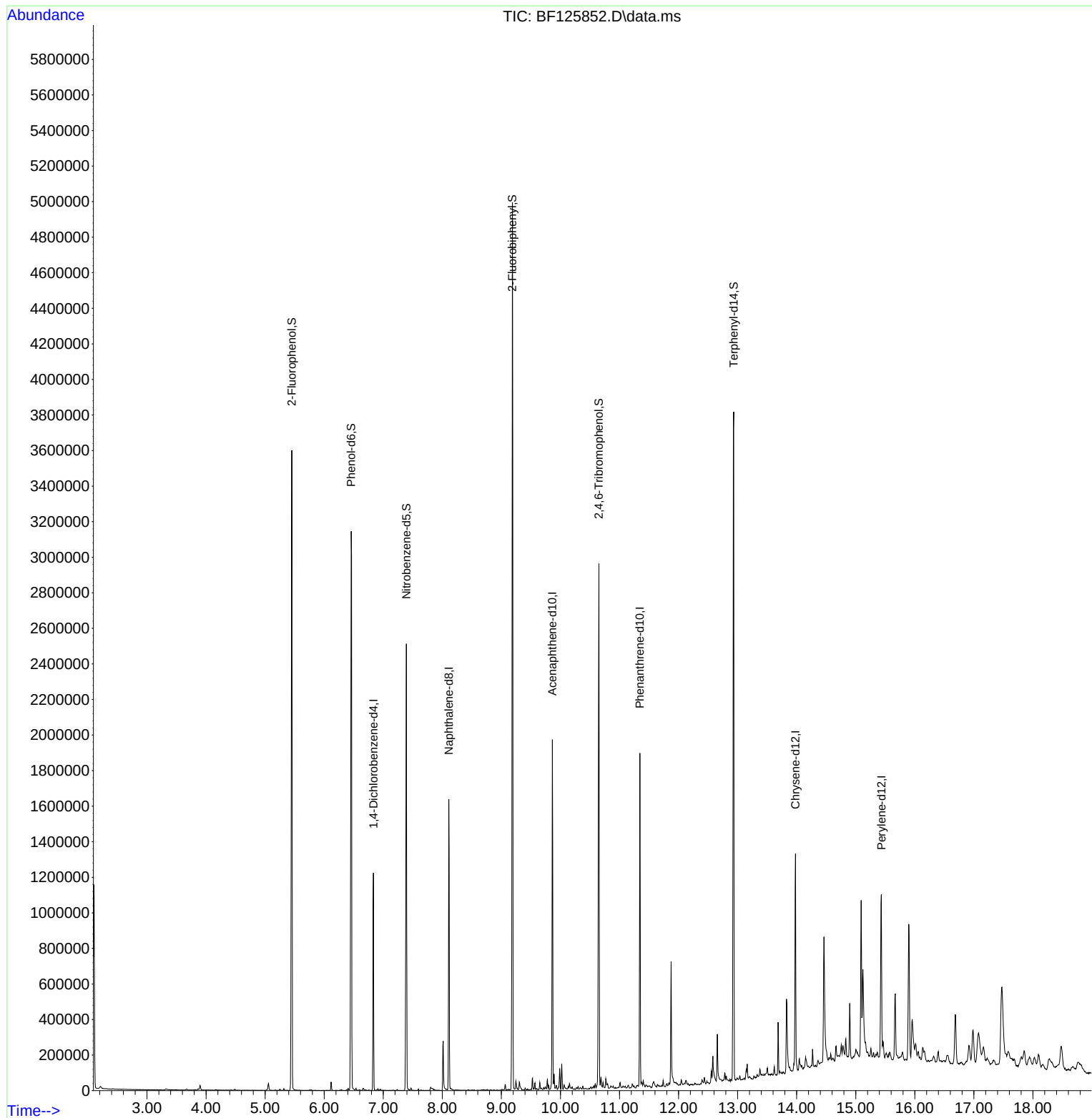
Target Compounds	Qvalue
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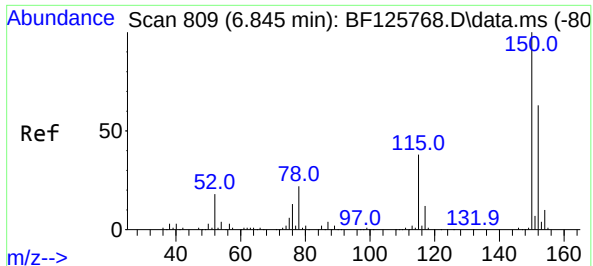
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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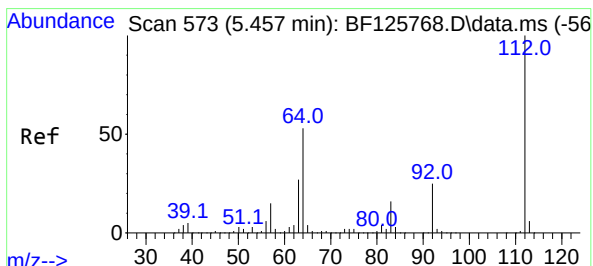
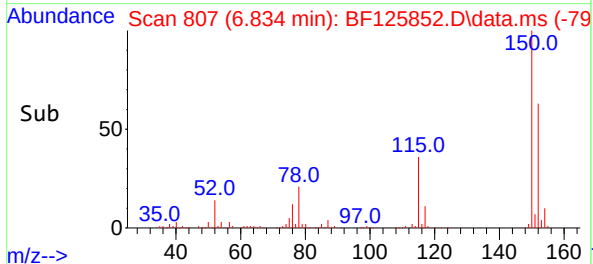
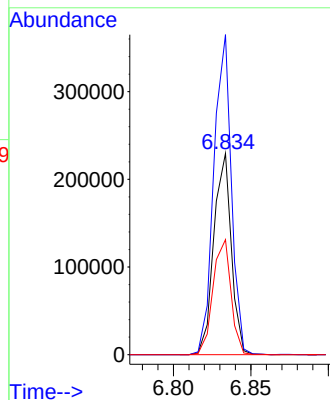
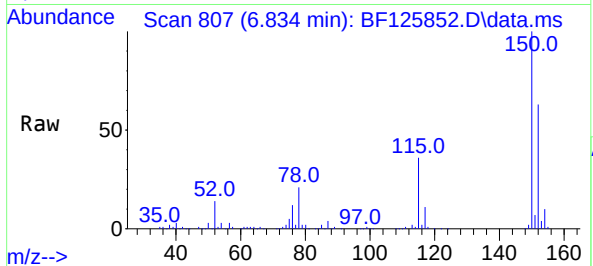




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.011 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

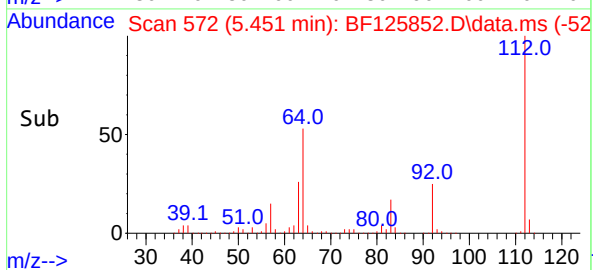
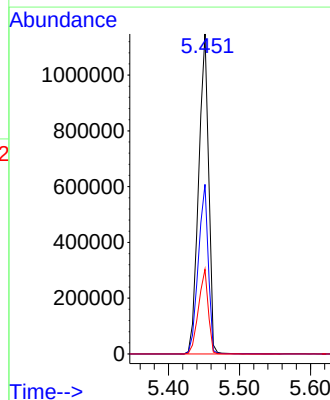
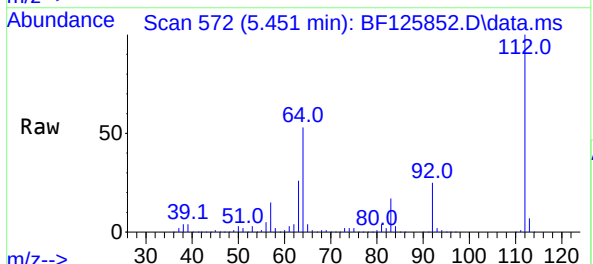
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-B

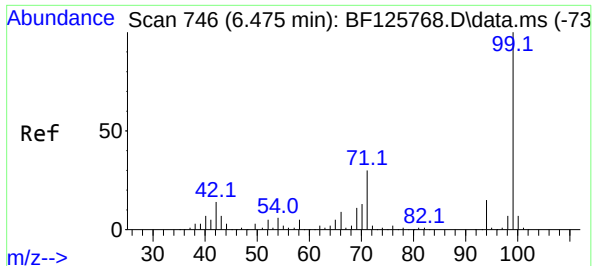
Tgt Ion:152 Resp: 180214
Ion Ratio Lower Upper
152 100
150 159.0 117.6 176.4
115 57.2 47.1 70.7



#5
2-Fluorophenol
Concen: 102.35 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.012 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

Tgt Ion:112 Resp: 1129068
Ion Ratio Lower Upper
112 100
64 53.0 44.2 66.2
63 26.4 26.2 39.2

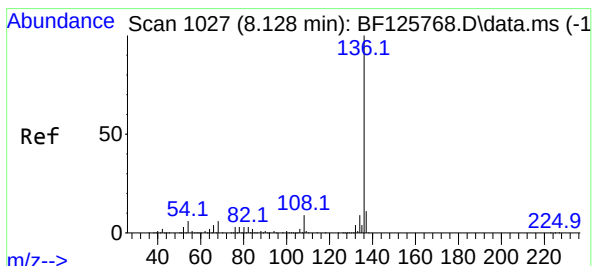
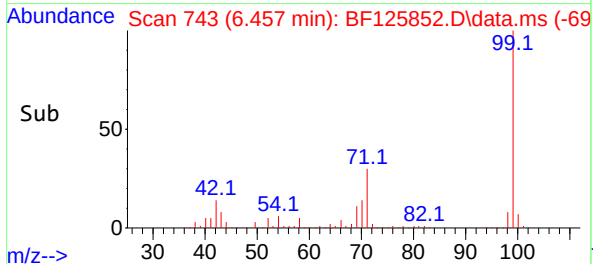
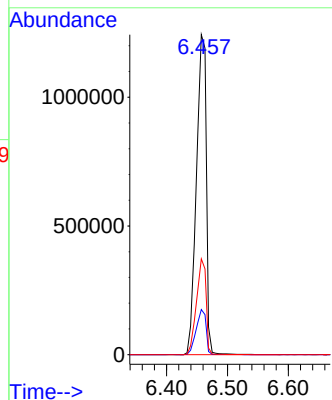
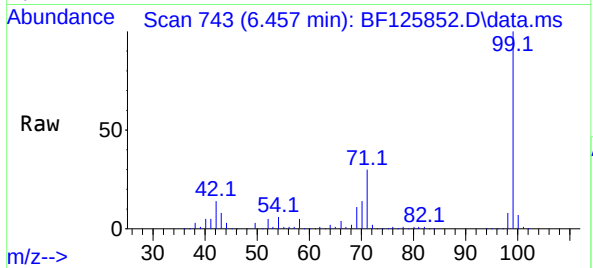




#7
Phenol-d6
Concen: 99.09 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

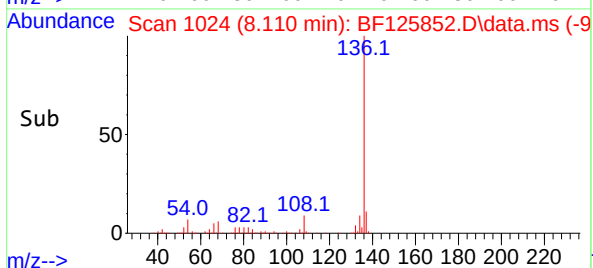
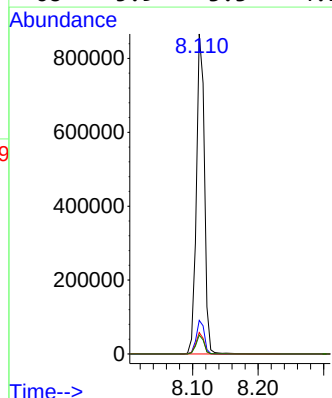
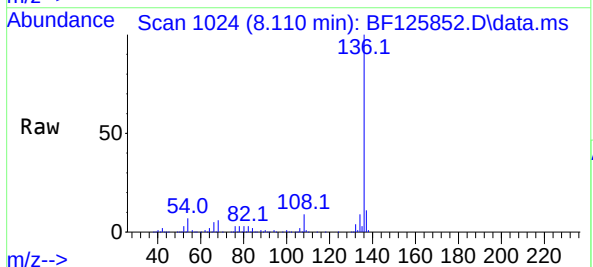
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-B

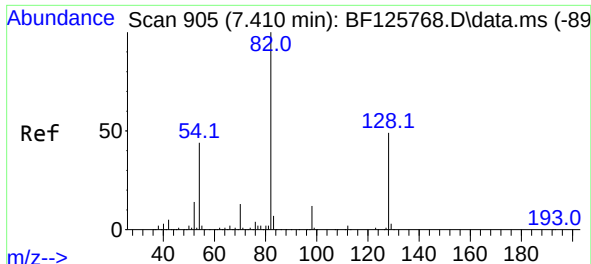
Tgt Ion: 99 Resp: 1407234
Ion Ratio Lower Upper
99 100
42 14.1 23.5 35.3#
71 30.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.018 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

Tgt Ion: 136 Resp: 740646
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 6.7 6.4 9.6
68 5.9 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 68.49 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.018 min

Lab File: BF125852.D

Acq: 14 Oct 2021 19:13

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE-PENINSULA-1B-B

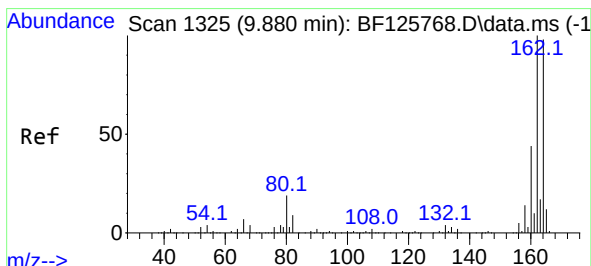
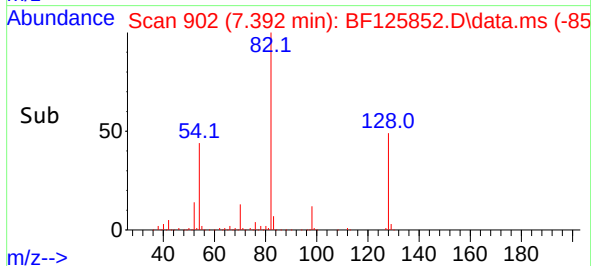
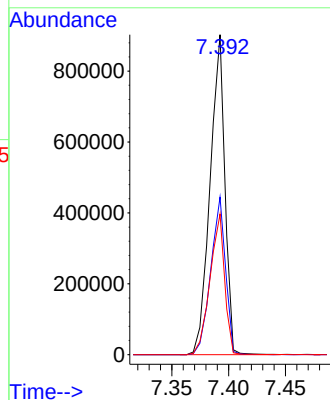
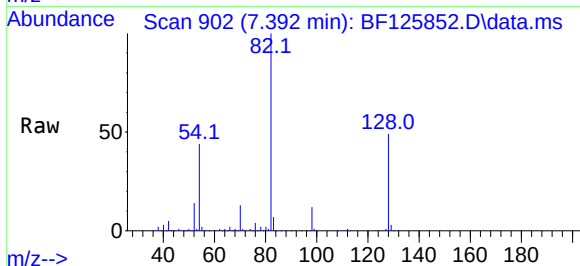
Tgt Ion: 82 Resp: 816069

Ion Ratio Lower Upper

82 100

128 49.3 40.6 60.8

54 43.9 49.6 74.4#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.018 min

Lab File: BF125852.D

Acq: 14 Oct 2021 19:13

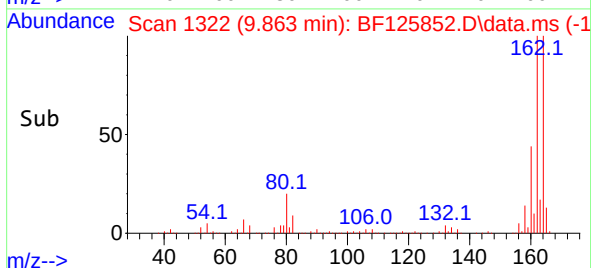
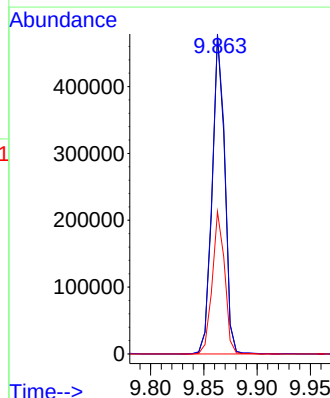
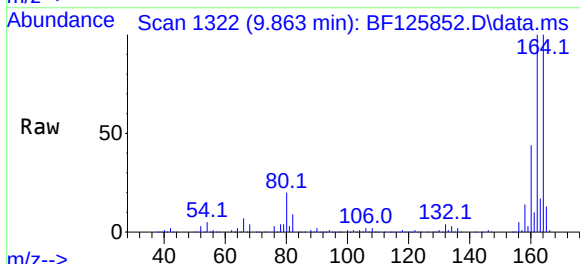
Tgt Ion: 164 Resp: 387663

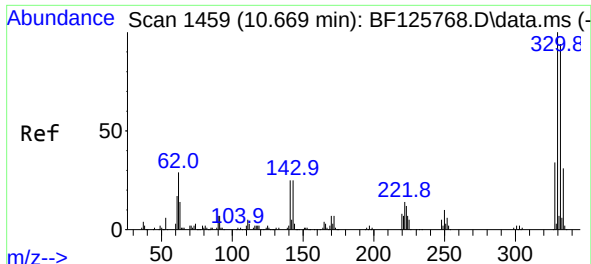
Ion Ratio Lower Upper

164 100

162 100.5 81.3 121.9

160 44.7 38.0 57.0

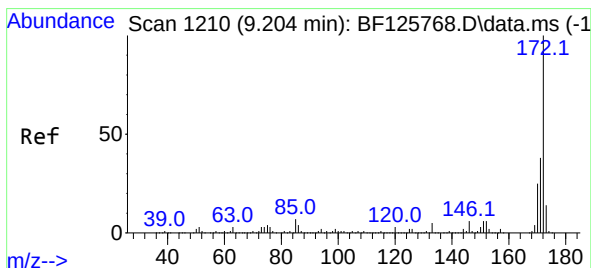
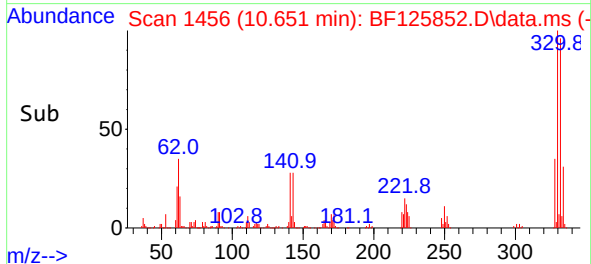
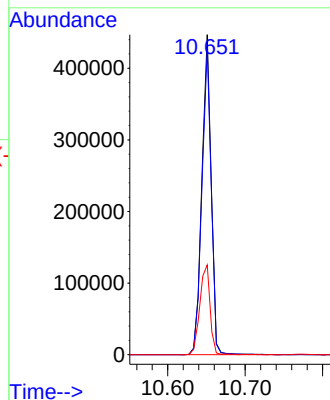
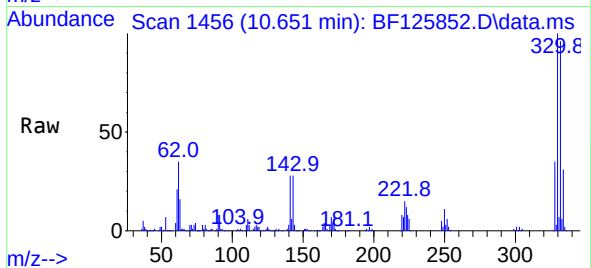




#42
2,4,6-Tribromophenol
Concen: 97.52 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.018 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

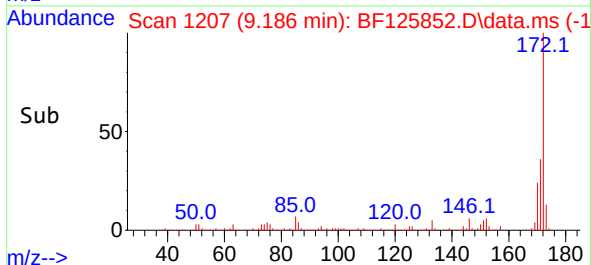
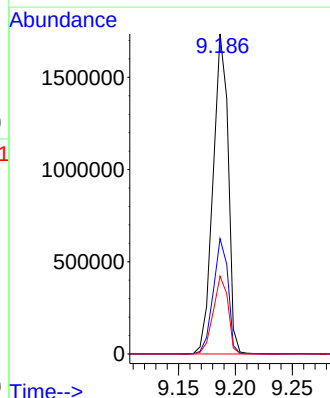
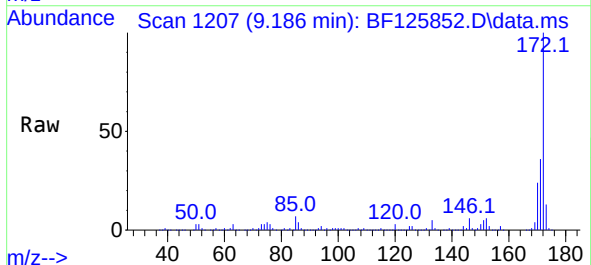
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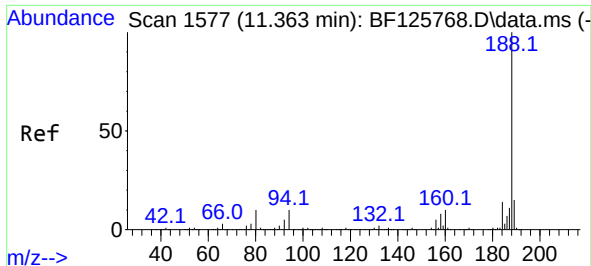
Tgt Ion: 330 Resp: 373257
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 30.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 71.58 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.018 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

Tgt Ion: 172 Resp: 1608771
Ion Ratio Lower Upper
172 100
171 36.1 26.5 39.7
170 24.3 18.8 28.2

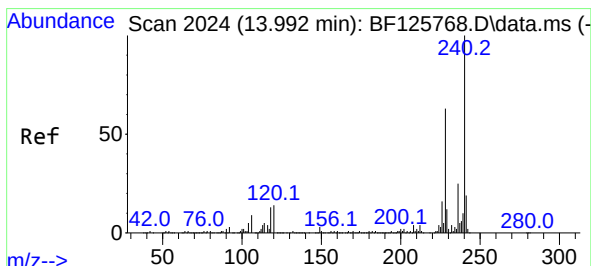
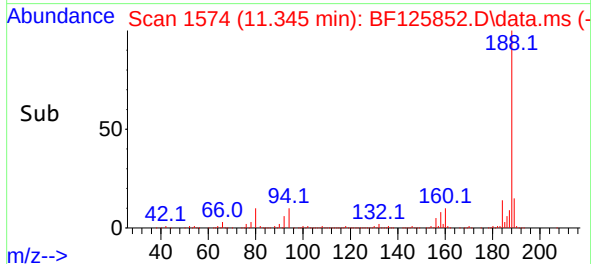
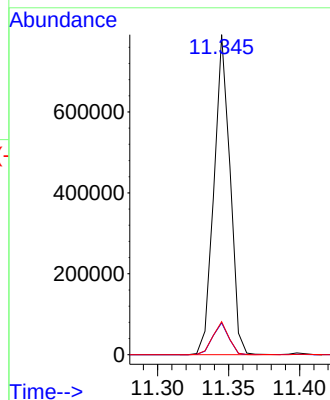
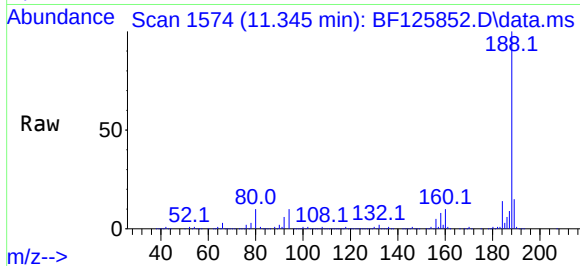




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.018 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

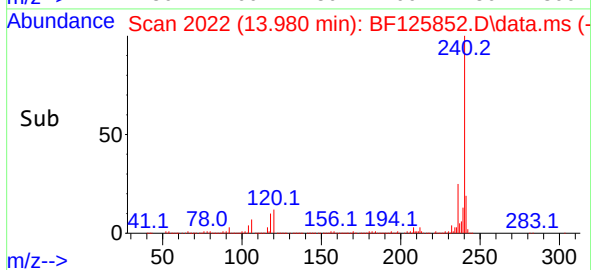
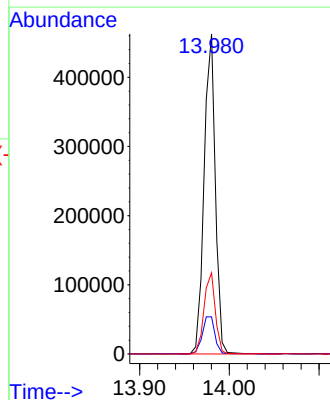
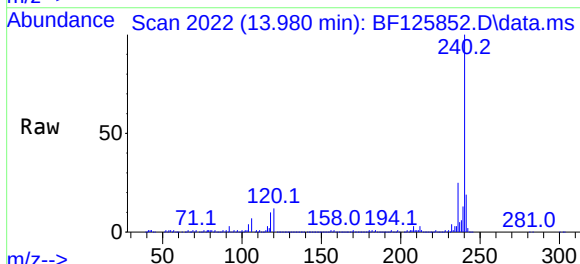
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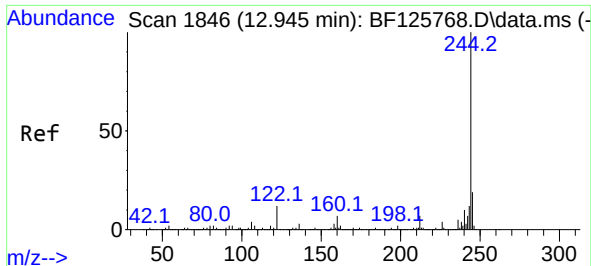
Tgt Ion:188 Resp: 622294
Ion Ratio Lower Upper
188 100
94 9.9 6.7 10.1
80 10.3 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.018 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

Tgt Ion:240 Resp: 402128
Ion Ratio Lower Upper
240 100
120 11.6 10.8 16.2
236 25.4 21.6 32.4



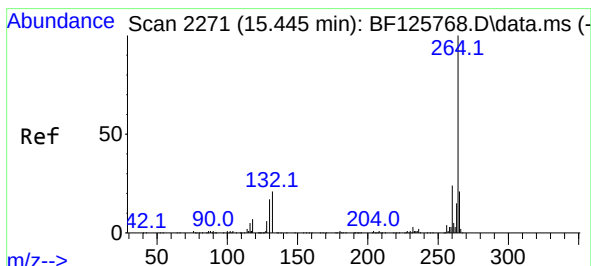
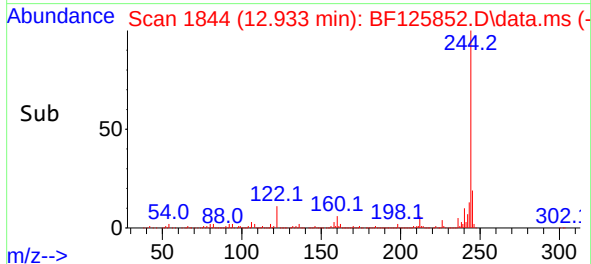
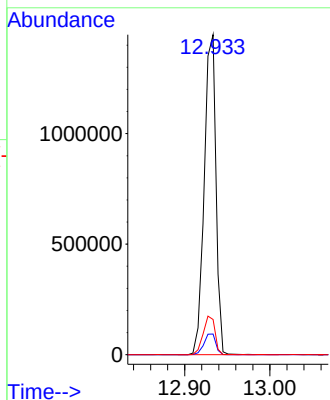
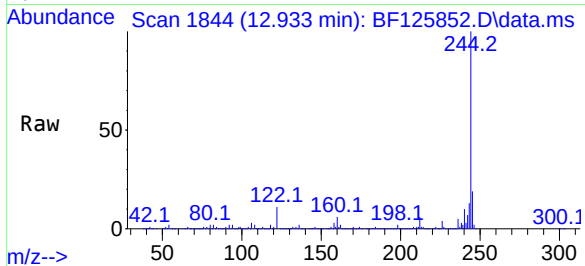


#79
Terphenyl-d14
Concen: 52.26 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 1379755

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.9	8.9
122	11.0	9.0	13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.018 min
Lab File: BF125852.D
Acq: 14 Oct 2021 19:13

Tgt Ion:264 Resp: 406965

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.6	17.2	25.8

