

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101221\
 Data File : BF125813.D
 Acq On : 12 Oct 2021 21:11
 Operator : JU/CG
 Sample : M4117-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(1.5-2.0)

Quant Time: Oct 13 10:47:43 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 07 17:16:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	191216	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	686473	20.00	ng	# 0.00
39) Acenaphthene-d10	9.875	164	306635	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	518494	20.00	ng	# 0.00
76) Chrysene-d12	13.992	240	455377	20.00	ng	0.00
86) Perylene-d12	15.451	264	346654	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	216098	18.46	ng	0.00
7) Phenol-d6	6.457	99	249773	16.58	ng	-0.02
23) Nitrobenzene-d5	7.398	82	137356	12.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	54716	18.07	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	274315	15.43	ng	0.00
79) Terphenyl-d14	12.939	244	302822	10.13	ng	0.00

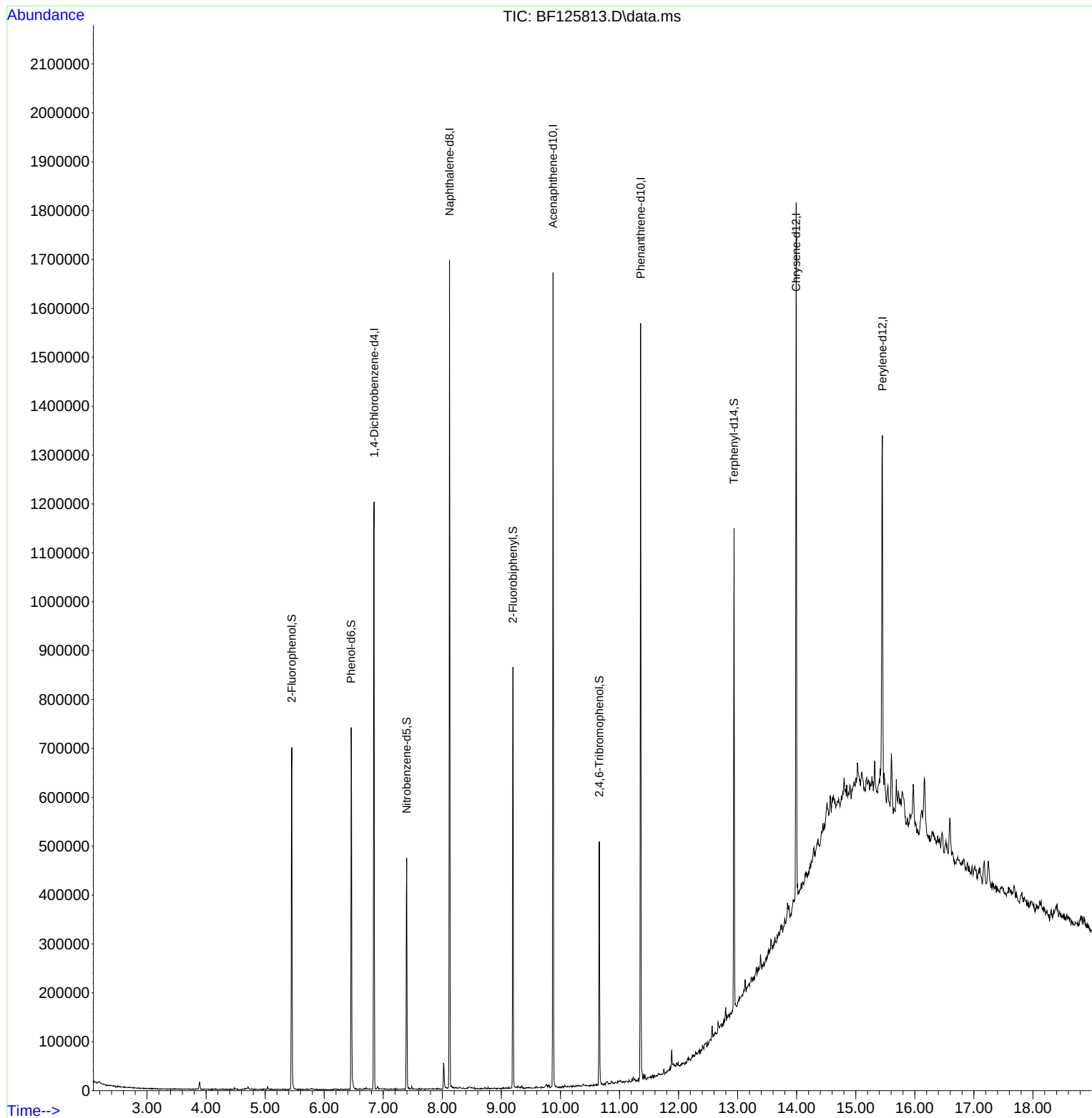
Target Compounds	Qvalue
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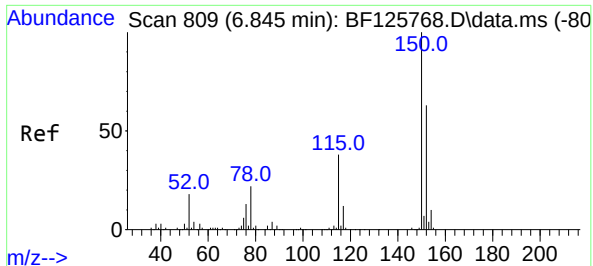
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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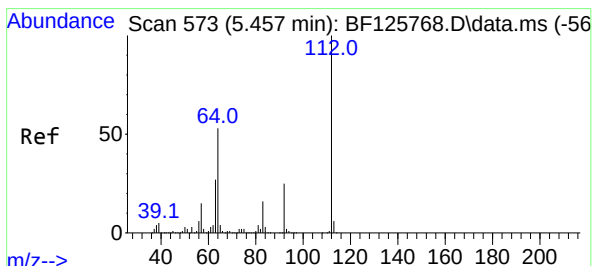
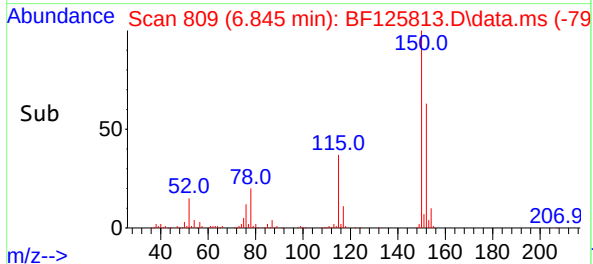
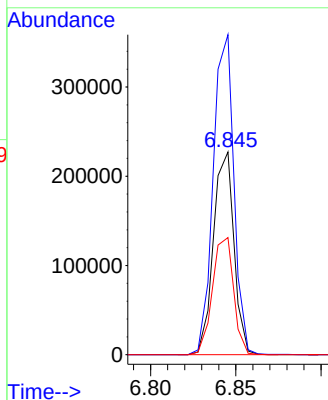
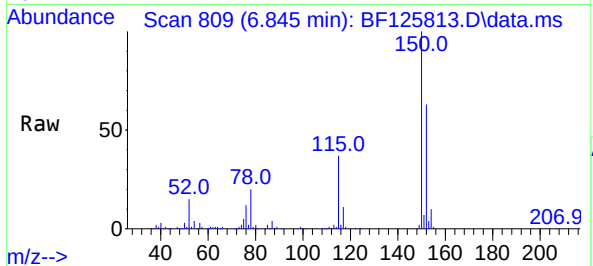




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125813.D
Acq: 12 Oct 2021 21:11

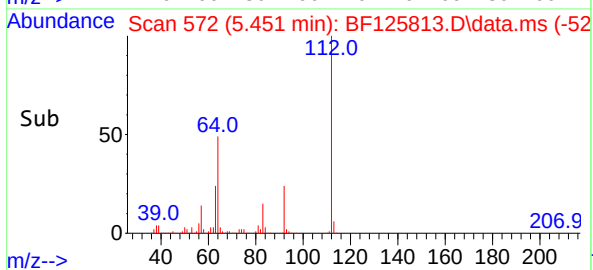
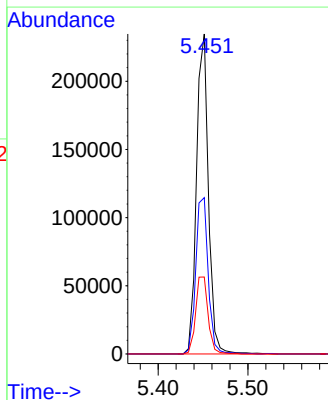
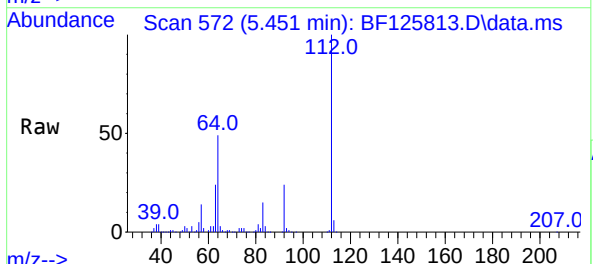
Instrument :
BNA_F
ClientSampleId :
SB-1(1.5-2.0)

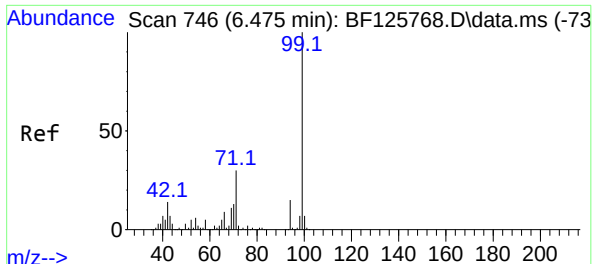
Tgt Ion:152 Resp: 191216
Ion Ratio Lower Upper
152 100
150 157.8 117.6 176.4
115 57.8 47.1 70.7



#5
2-Fluorophenol
Concen: 18.46 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF125813.D
Acq: 12 Oct 2021 21:11

Tgt Ion:112 Resp: 216098
Ion Ratio Lower Upper
112 100
64 48.9 44.2 66.2
63 24.0 26.2 39.2#

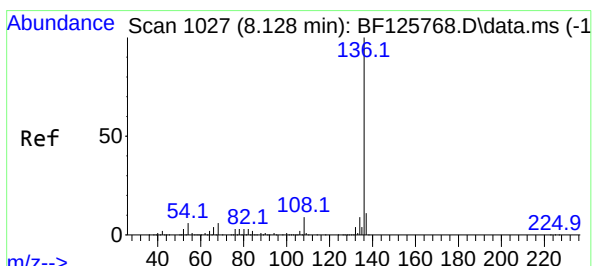
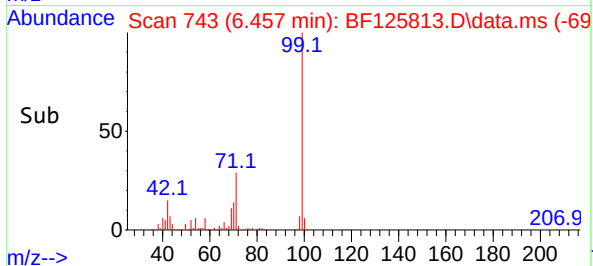
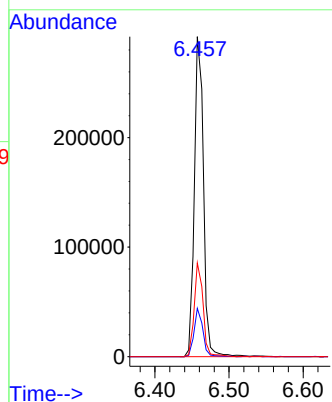
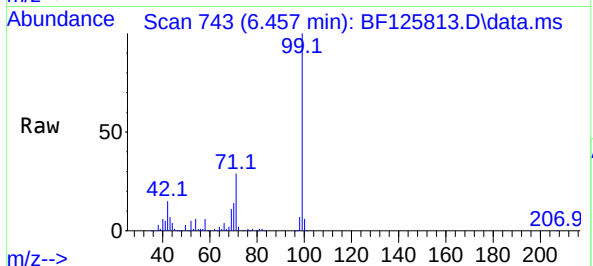




#7
Phenol-d6
Concen: 16.58 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.017 min
Lab File: BF125813.D
Acq: 12 Oct 2021 21:11

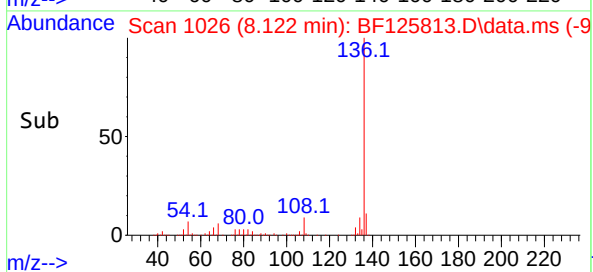
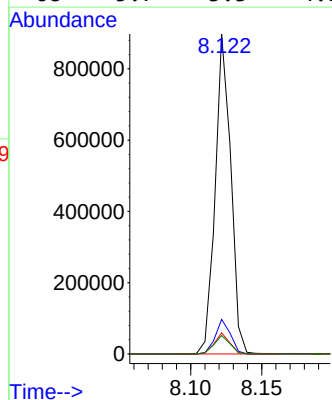
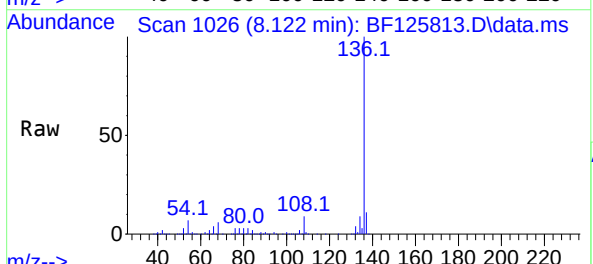
Instrument :
BNA_F
ClientSampleId :
SB-1(1.5-2.0)

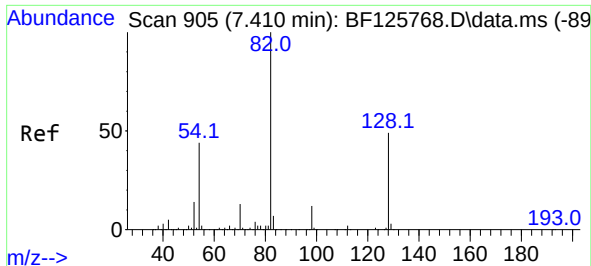
Tgt Ion: 99 Resp: 249773
Ion Ratio Lower Upper
99 100
42 15.1 23.5 35.3#
71 29.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125813.D
Acq: 12 Oct 2021 21:11

Tgt Ion: 136 Resp: 686473
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 6.6 6.4 9.6
68 5.7 3.3 4.9#

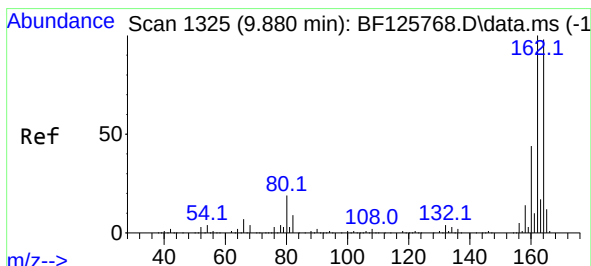
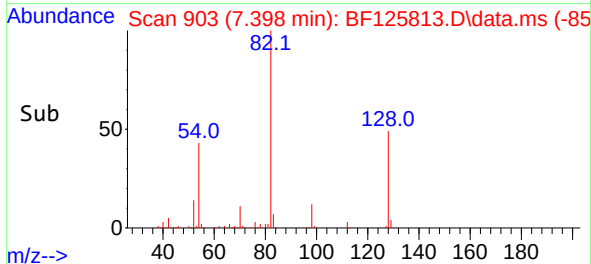
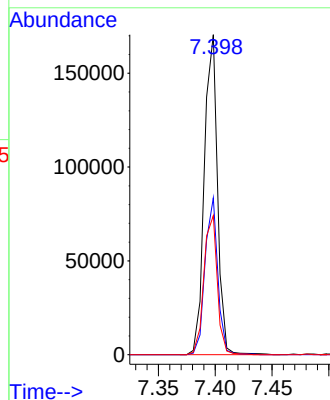
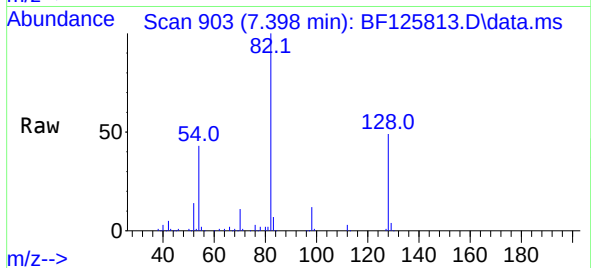




#23
Nitrobenzene-d5
Concen: 12.44 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF125813.D
Acq: 12 Oct 2021 21:11

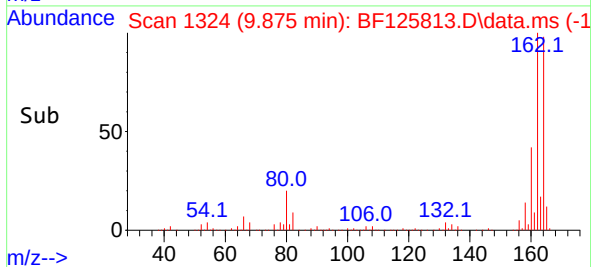
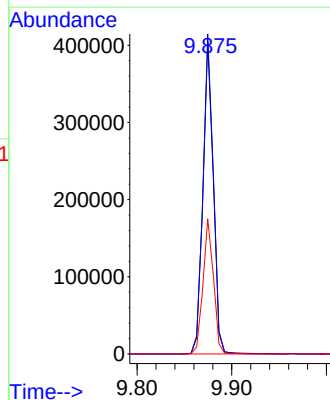
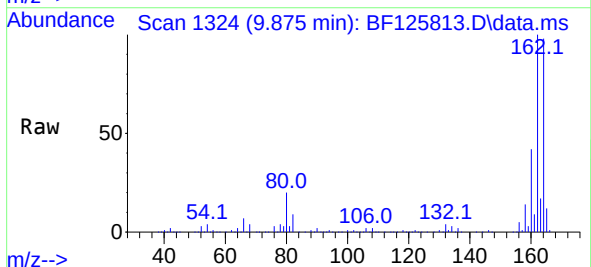
Instrument :
BNA_F
ClientSampleId :
SB-1(1.5-2.0)

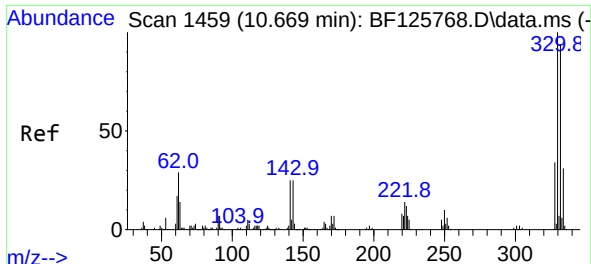
Tgt Ion: 82 Resp: 137356
Ion Ratio Lower Upper
82 100
128 49.0 40.6 60.8
54 43.5 49.6 74.4#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125813.D
Acq: 12 Oct 2021 21:11

Tgt Ion:164 Resp: 306635
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 43.3 38.0 57.0

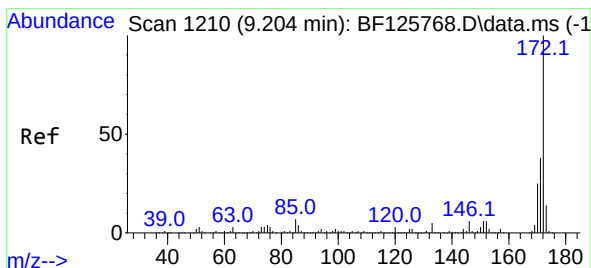
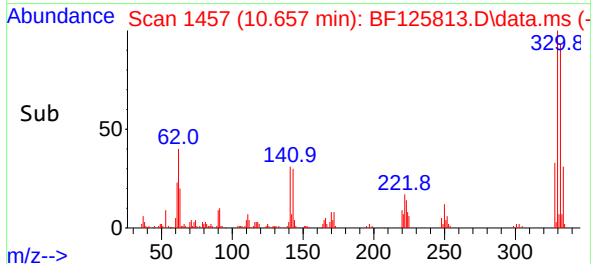
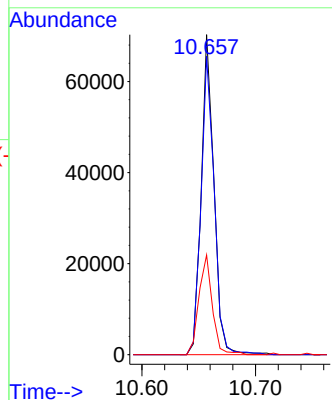
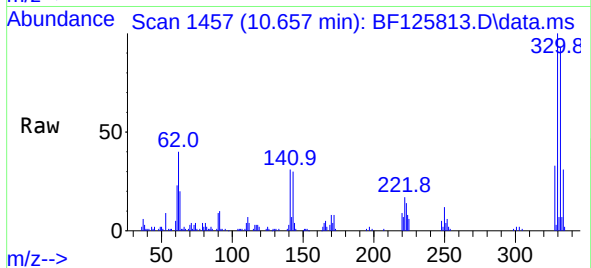




#42
2,4,6-Tribromophenol
Concen: 18.07 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF125813.D
Acq: 12 Oct 2021 21:11

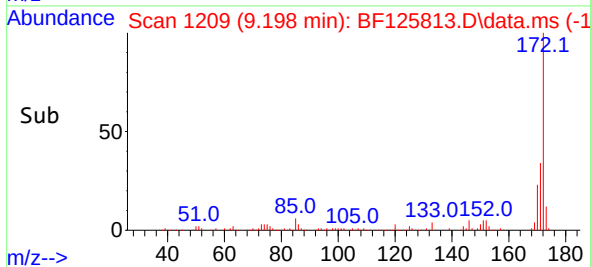
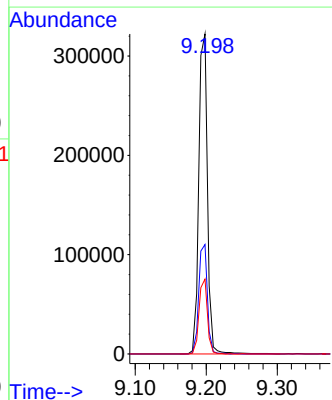
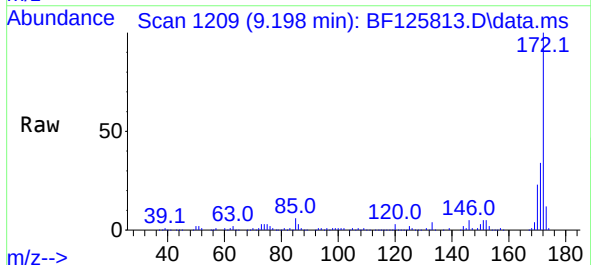
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ClientSampleId :
SB-1(1.5-2.0)

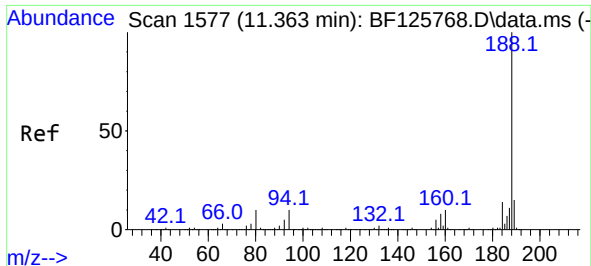
Tgt Ion:330 Resp: 54716
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 33.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 15.43 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125813.D
Acq: 12 Oct 2021 21:11

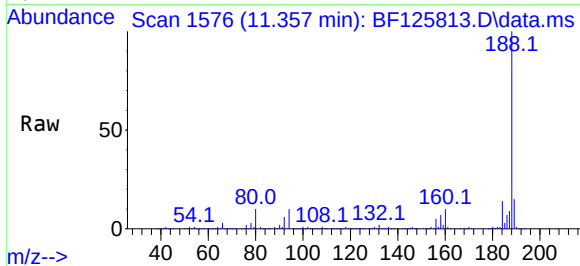
Tgt Ion:172 Resp: 274315
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 23.4 18.8 28.2



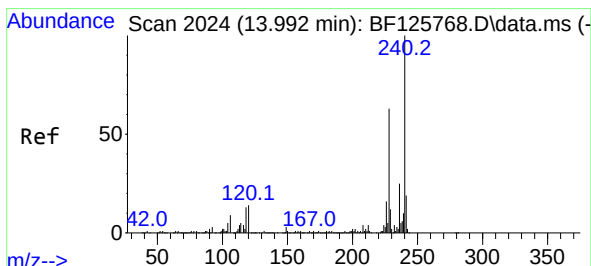
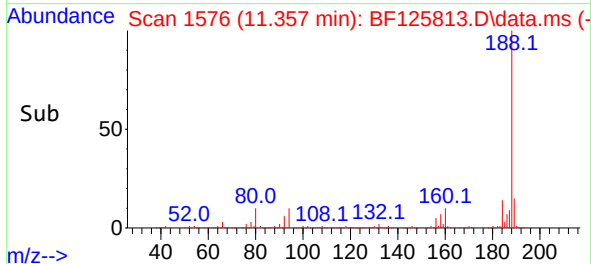
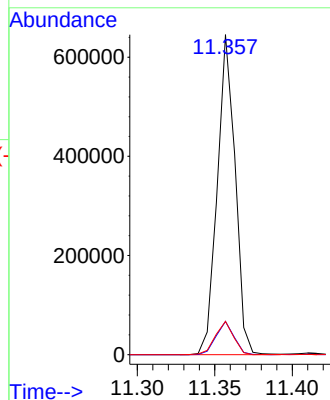


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125813.D
Acq: 12 Oct 2021 21:11

Instrument :
BNA_F
ClientSampleId :
SB-1(1.5-2.0)

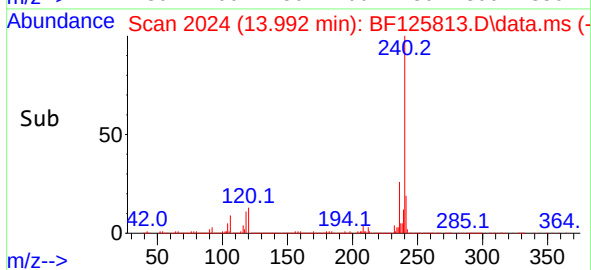
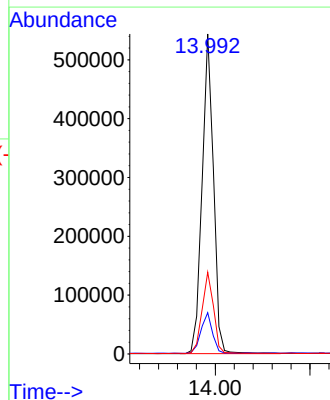
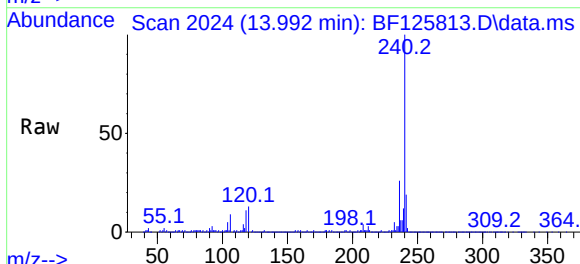


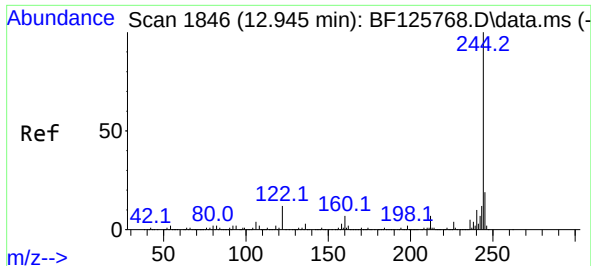
Tgt Ion:188 Resp: 518494
Ion Ratio Lower Upper
188 100
94 10.4 6.7 10.1#
80 10.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF125813.D
Acq: 12 Oct 2021 21:11

Tgt Ion:240 Resp: 455377
Ion Ratio Lower Upper
240 100
120 12.9 10.8 16.2
236 25.6 21.6 32.4



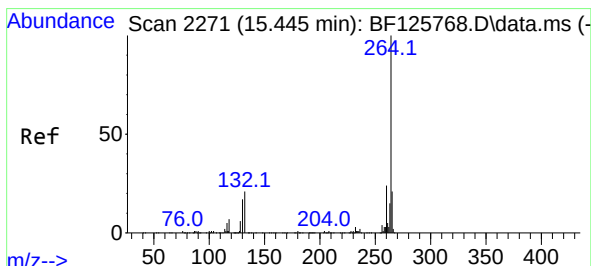
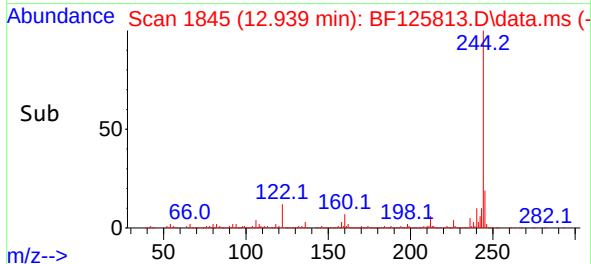
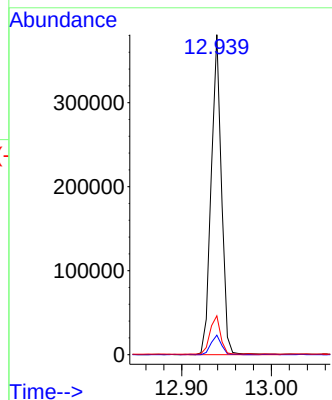
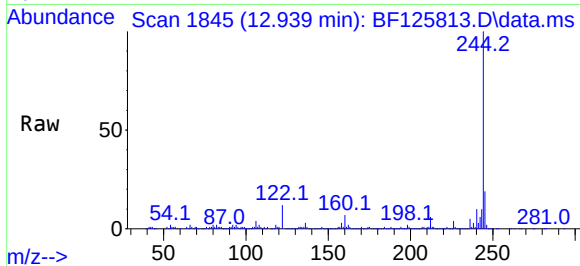


#79
 Terphenyl-d14
 Concen: 10.13 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. -0.006 min
 Lab File: BF125813.D
 Acq: 12 Oct 2021 21:11

Instrument :
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 ClientSampleId :
 SB-1(1.5-2.0)

Tgt Ion:244 Resp: 302822

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.9	8.9
122	12.1	9.0	13.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.006 min
 Lab File: BF125813.D
 Acq: 12 Oct 2021 21:11

Tgt Ion:264 Resp: 346654

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.3	17.2	25.8

