

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
 Data File : BF125657.D
 Acq On : 25 Sep 2021 15:27
 Operator : JU/CG
 Sample : M3922-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-03-(8-10)

Quant Time: Sep 27 01:22:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	163740	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	664216	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	344587	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	590690	20.000	ng	0.00
76) Chrysene-d12	14.039	240	380178	20.000	ng	0.00
86) Perylene-d12	15.515	264	350823	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	915482	92.117	ng	0.00
7) Phenol-d6	6.504	99	1096959	82.100	ng	0.00
23) Nitrobenzene-d5	7.445	82	647432	67.988	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	312287	97.200	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1318516	65.718	ng	0.00
79) Terphenyl-d14	12.992	244	1225000	55.800	ng	0.00

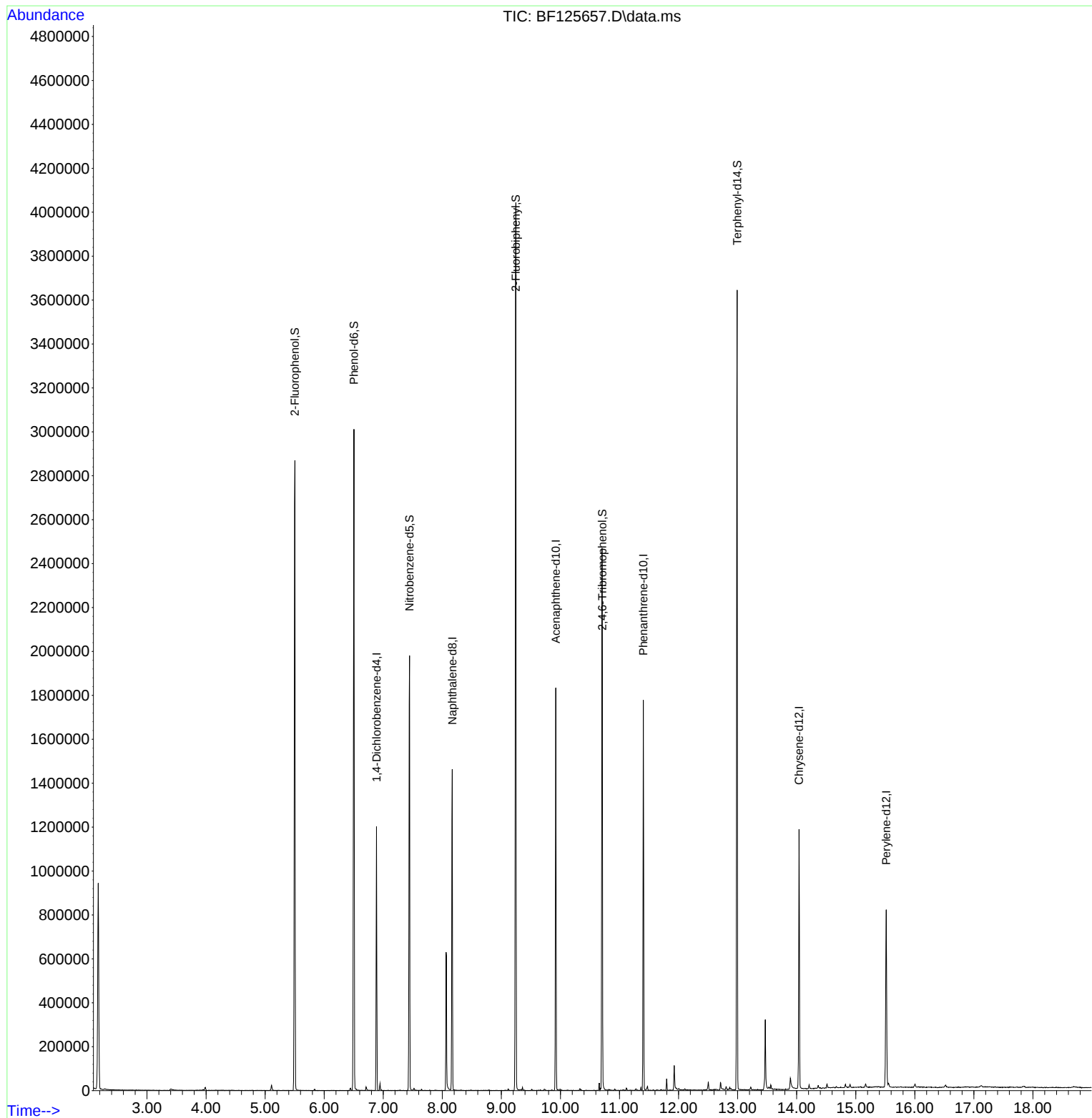
Target Compounds	Qvalue

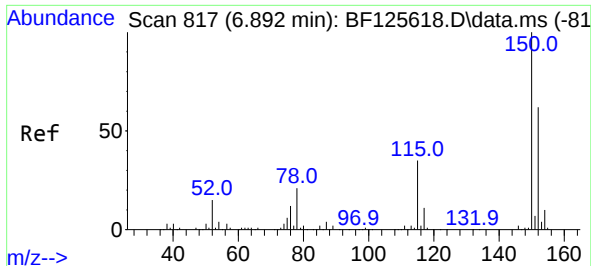
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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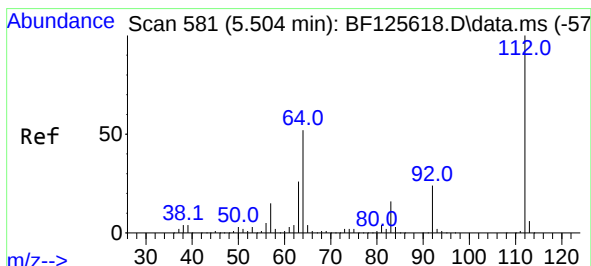
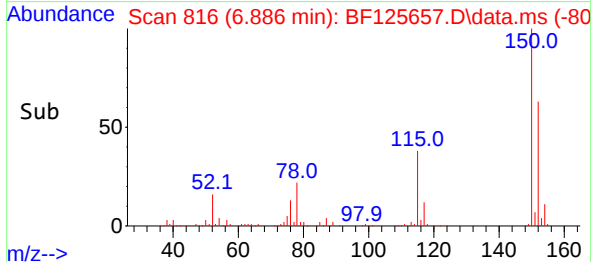
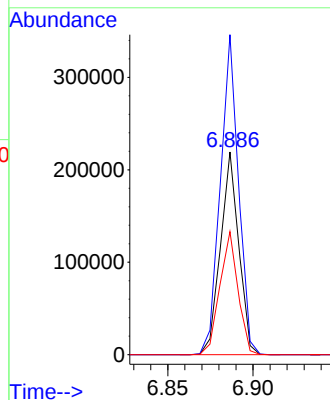
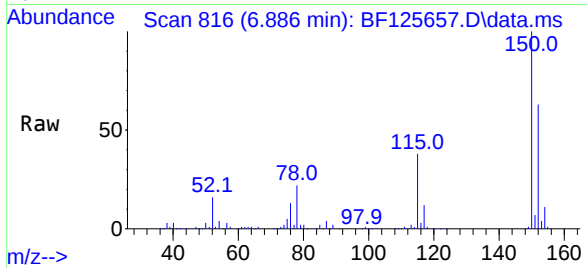




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

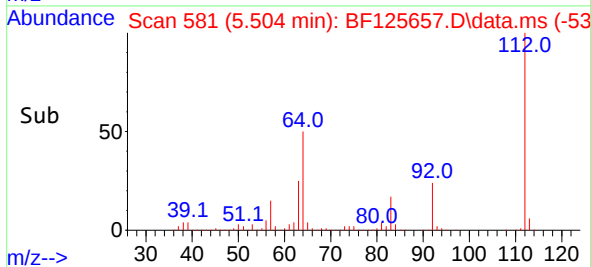
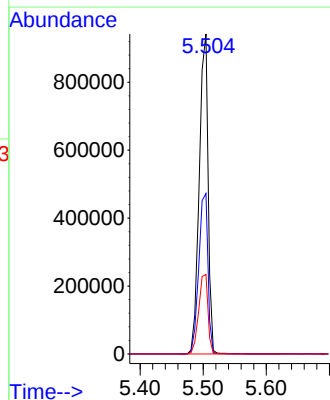
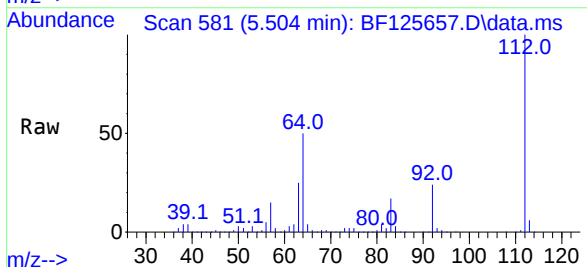
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-03-(8-10)

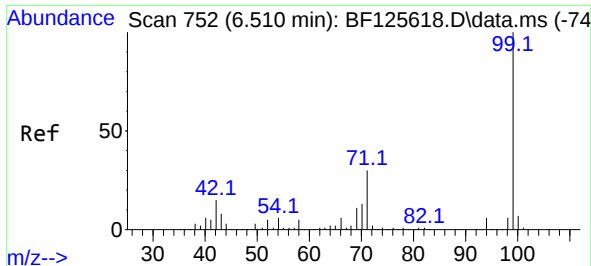
Tgt Ion:152 Resp: 163740
Ion Ratio Lower Upper
152 100
150 157.8 117.6 176.4
115 60.7 47.1 70.7



#5
2-Fluorophenol
Concen: 92.117 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

Tgt Ion:112 Resp: 915482
Ion Ratio Lower Upper
112 100
64 50.1 44.2 66.2
63 24.8 26.2 39.2#

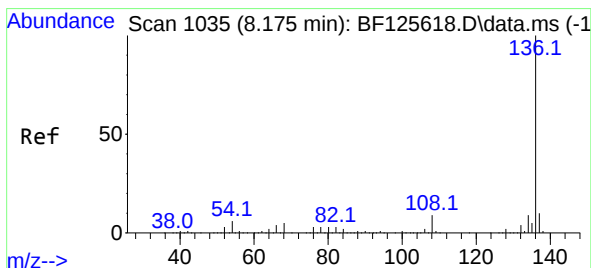
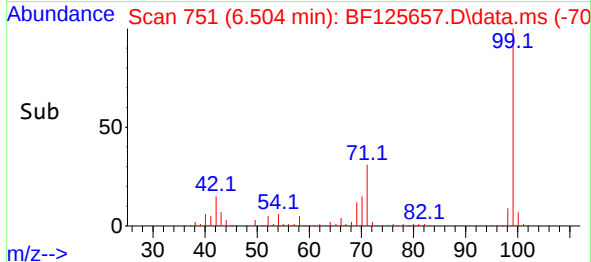
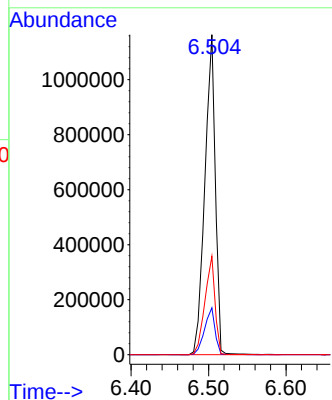
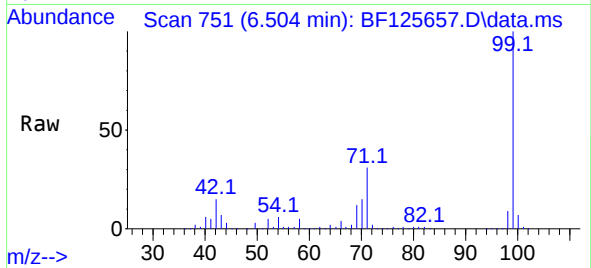




#7
Phenol-d6
Concen: 82.100 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

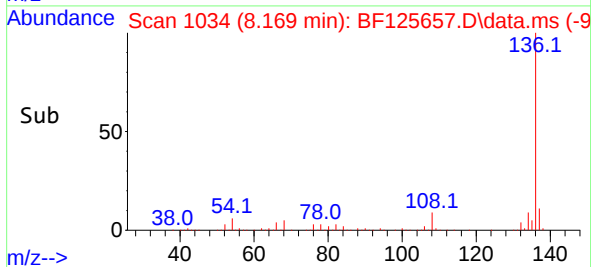
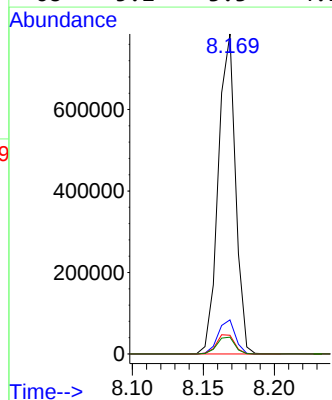
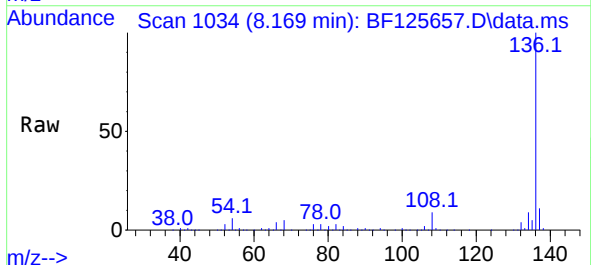
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-03-(8-10)

Tgt Ion: 99 Resp: 1096959
Ion Ratio Lower Upper
99 100
42 14.6 23.5 35.3#
71 30.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

Tgt Ion: 136 Resp: 664216
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 5.9 6.4 9.6#
68 5.2 3.3 4.9#

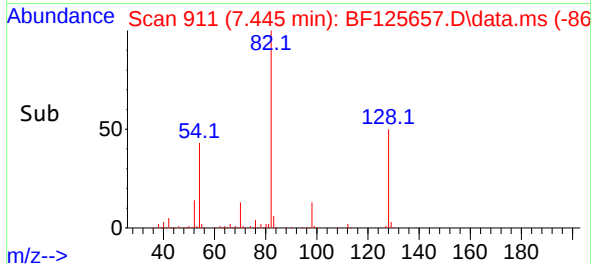
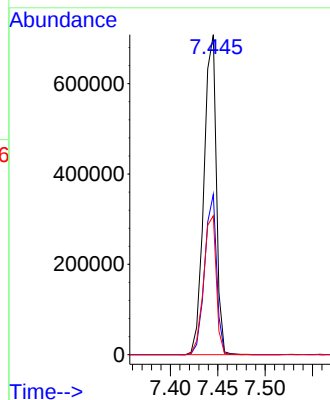
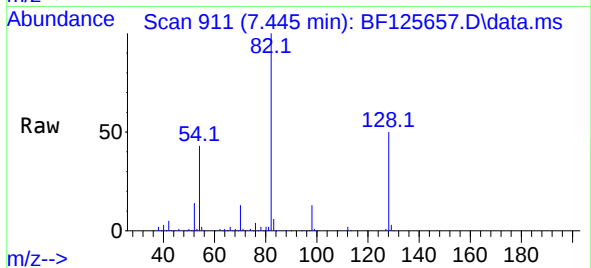




#23
Nitrobenzene-d5
Concen: 67.988 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

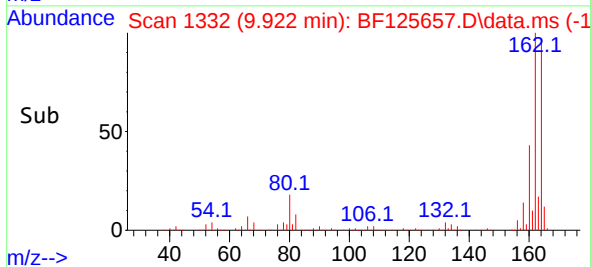
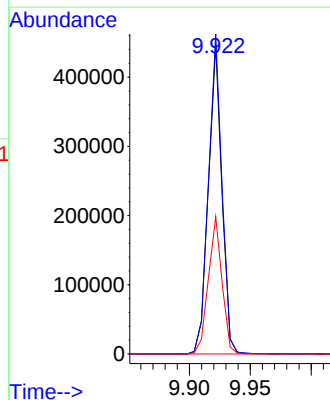
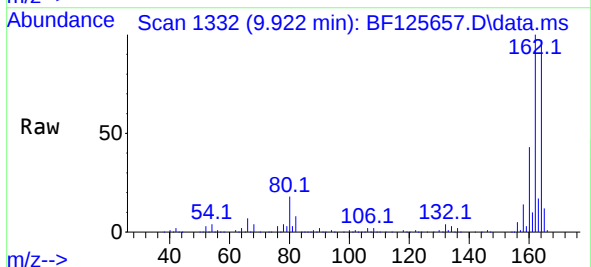
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-03-(8-10)

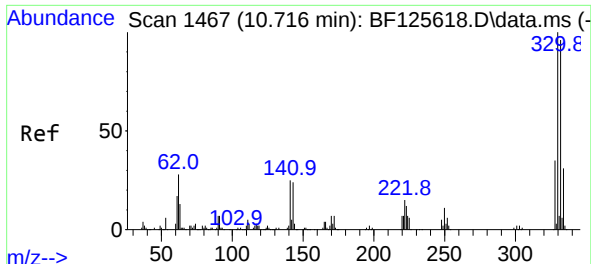
Tgt Ion: 82 Resp: 647432
Ion Ratio Lower Upper
82 100
128 50.1 40.6 60.8
54 43.4 49.6 74.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

Tgt Ion:164 Resp: 344587
Ion Ratio Lower Upper
164 100
162 103.5 81.3 121.9
160 44.4 38.0 57.0

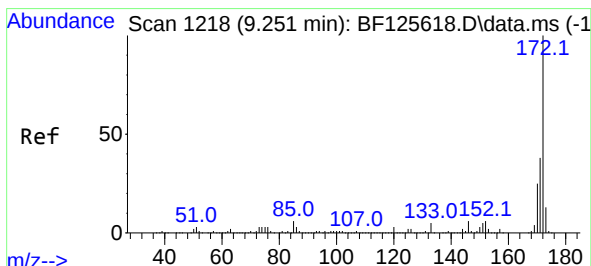
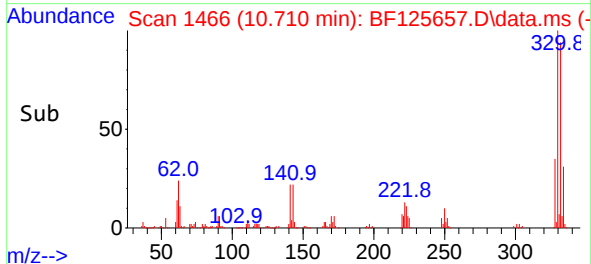
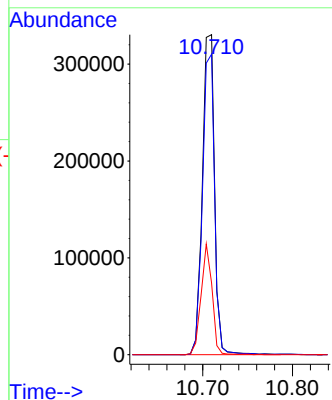
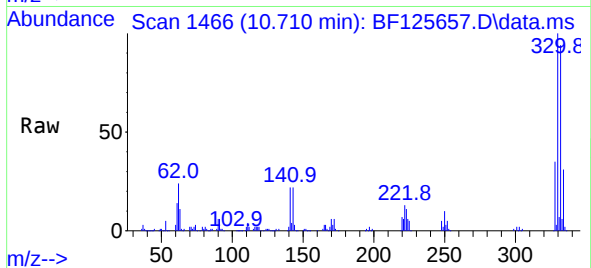




#42
2,4,6-Tribromophenol
Concen: 97.200 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

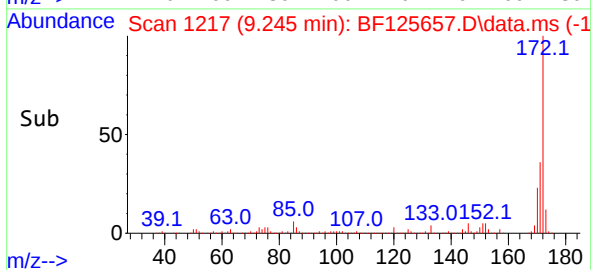
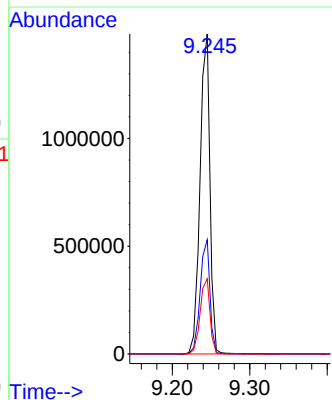
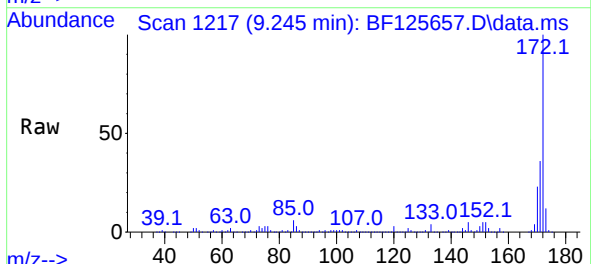
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ClientSampleId :
SUB-SLAB-03-(8-10)

Tgt Ion:330 Resp: 312287
Ion Ratio Lower Upper
330 100
332 93.8 76.2 114.4
141 31.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 65.718 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

Tgt Ion:172 Resp: 1318516
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 23.5 18.8 28.2

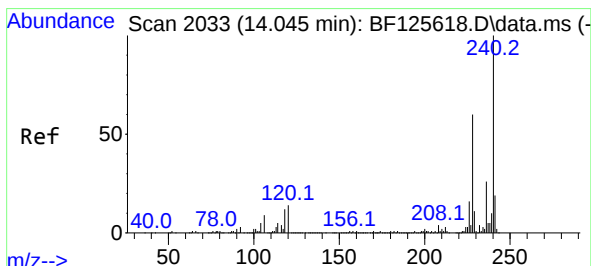
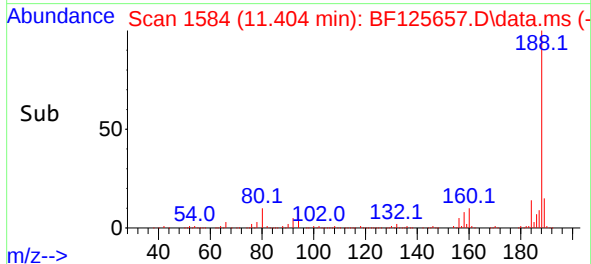
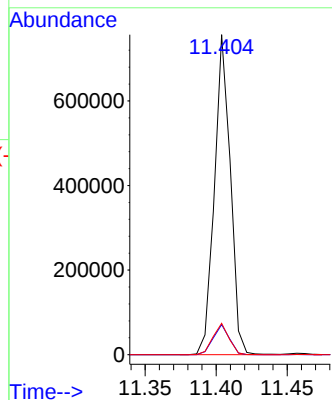
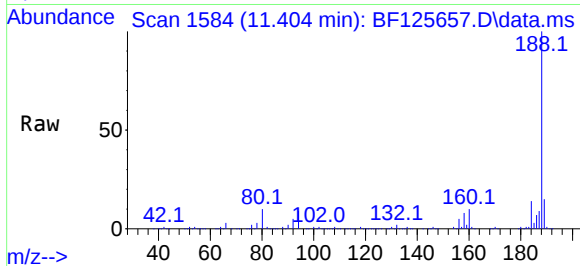




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

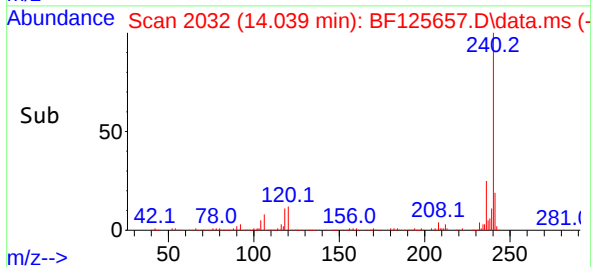
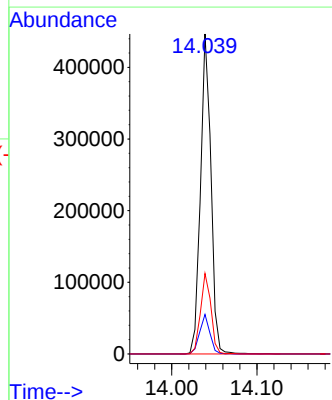
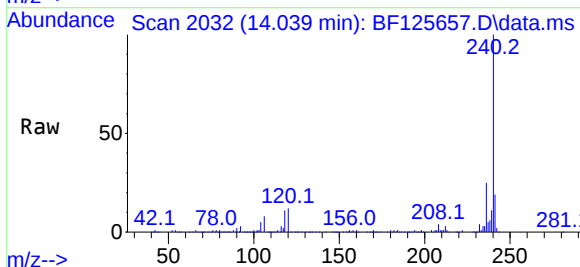
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-03-(8-10)

Tgt Ion:188 Resp: 590690
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 9.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125657.D
Acq: 25 Sep 2021 15:27

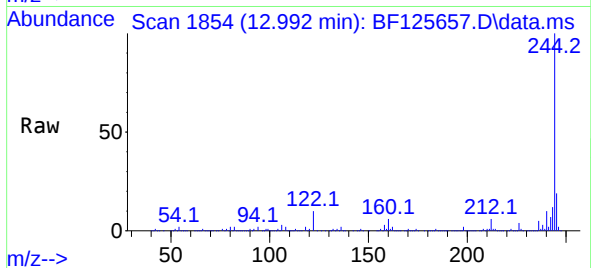
Tgt Ion:240 Resp: 380178
Ion Ratio Lower Upper
240 100
120 12.4 10.8 16.2
236 25.1 21.6 32.4





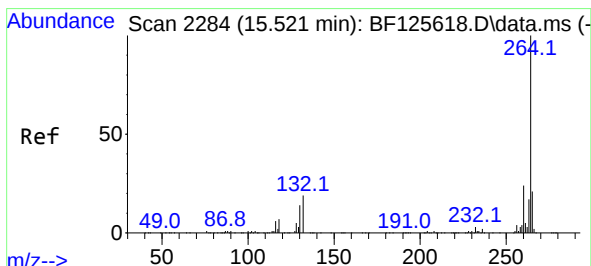
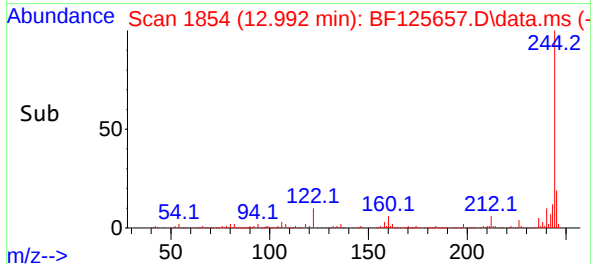
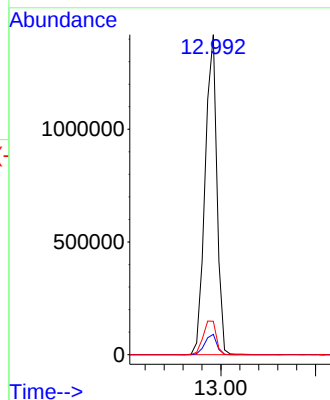
#79
 Terphenyl-d14
 Concen: 55.800 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF125657.D
 Acq: 25 Sep 2021 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-03-(8-10)

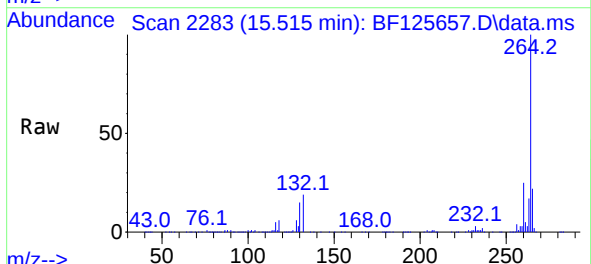


Tgt Ion:244 Resp: 1225000

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.9	8.9
122	10.4	9.0	13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF125657.D
 Acq: 25 Sep 2021 15:27



Tgt Ion:264 Resp: 350823

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	21.5	17.2	25.8

