

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101221\
 Data File : BF125811.D
 Acq On : 12 Oct 2021 20:08
 Operator : JU/CG
 Sample : M4117-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(6.5-7.0)

Quant Time: Oct 13 09:45:13 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	192203	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	689433	20.00	ng	# 0.00
39) Acenaphthene-d10	9.874	164	313253	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	526617	20.00	ng	# 0.00
76) Chrysene-d12	13.992	240	435177	20.00	ng	0.00
86) Perylene-d12	15.445	264	335378	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1023180	86.97	ng	0.00
7) Phenol-d6	6.463	99	1169338	77.20	ng	-0.01
23) Nitrobenzene-d5	7.398	82	692994	62.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	275364	89.03	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1282132	70.60	ng	0.00
79) Terphenyl-d14	12.939	244	1364992	47.78	ng	0.00

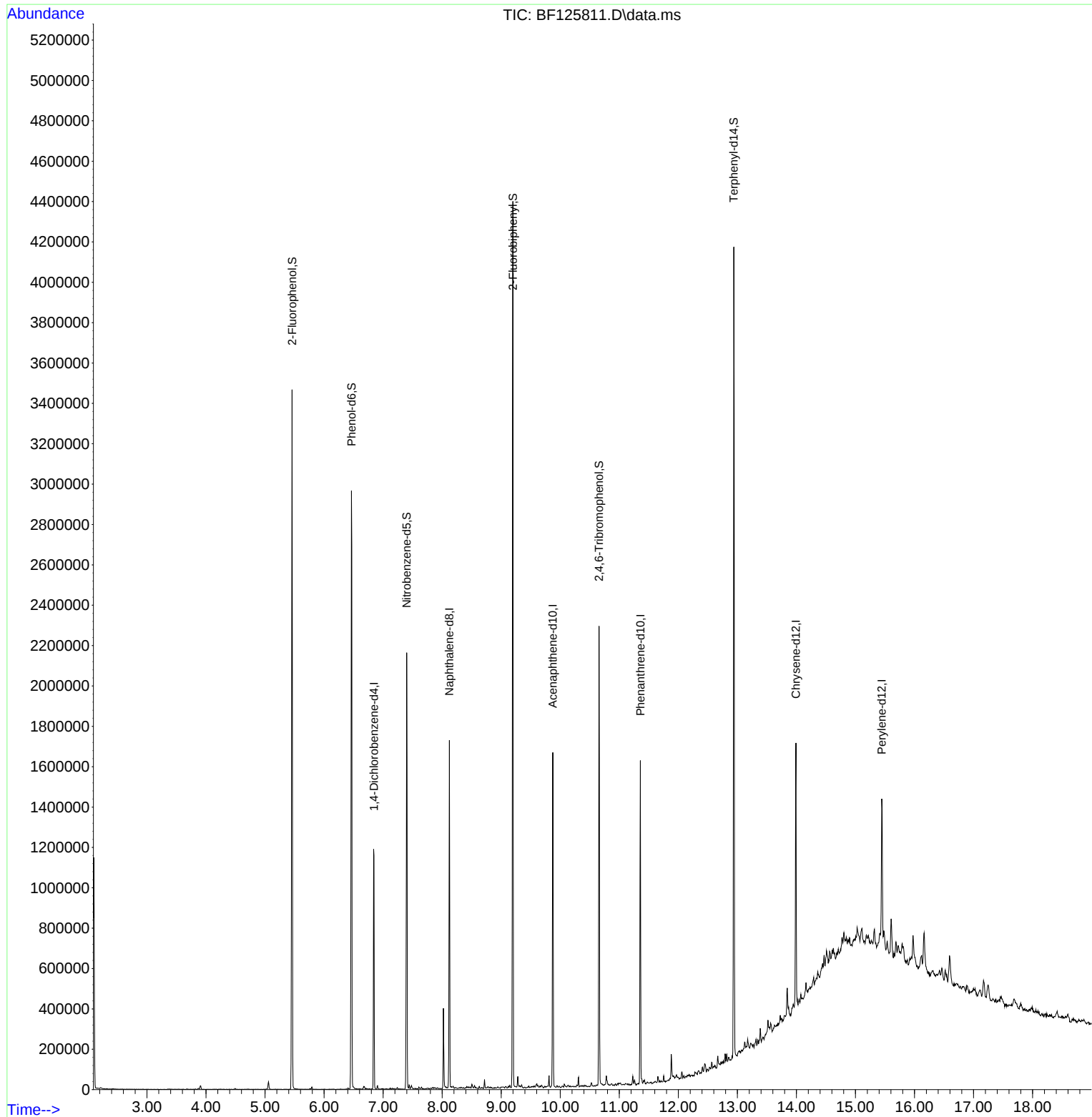
Target Compounds	Qvalue

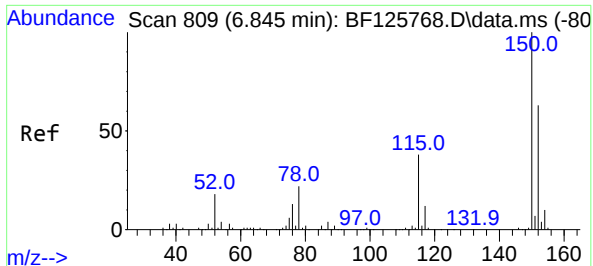
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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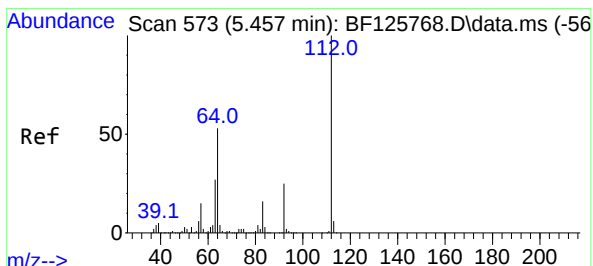
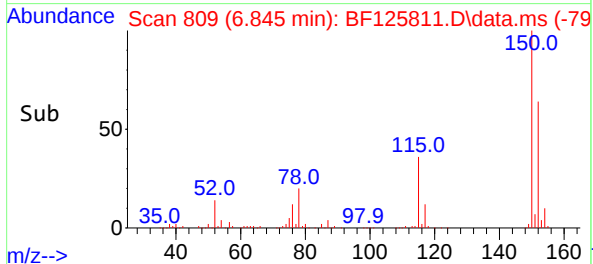
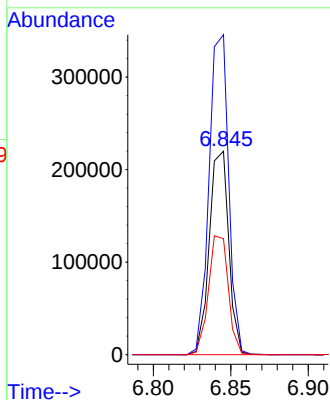
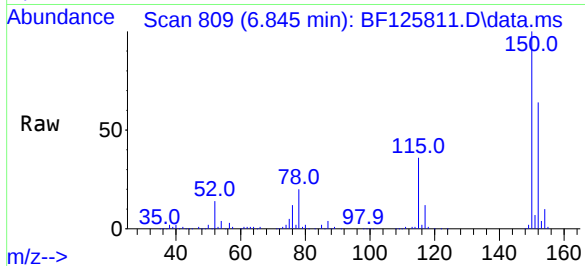




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125811.D
Acq: 12 Oct 2021 20:08

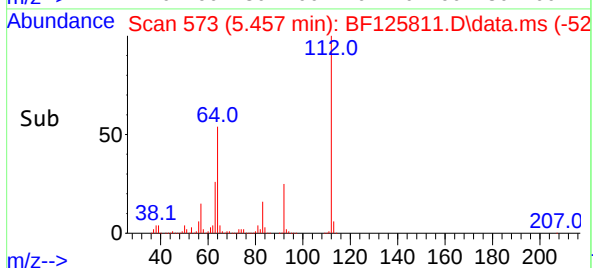
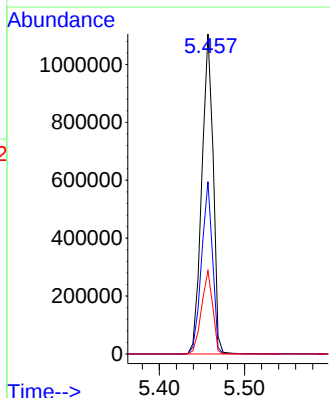
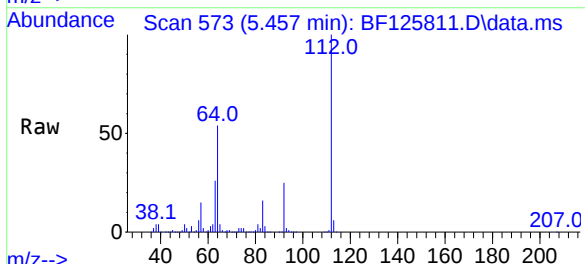
Instrument :
BNA_F
ClientSampleId :
SB-1(6.5-7.0)

Tgt Ion:152 Resp: 192203
Ion Ratio Lower Upper
152 100
150 157.2 117.6 176.4
115 57.0 47.1 70.7



#5
2-Fluorophenol
Concen: 86.97 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF125811.D
Acq: 12 Oct 2021 20:08

Tgt Ion:112 Resp: 1023180
Ion Ratio Lower Upper
112 100
64 53.9 44.2 66.2
63 26.0 26.2 39.2#



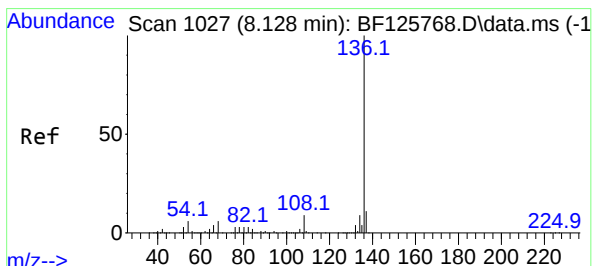
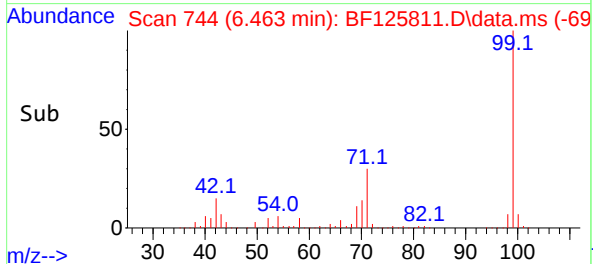
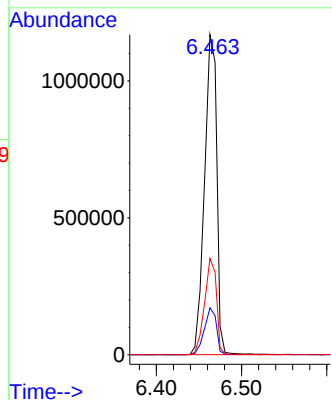
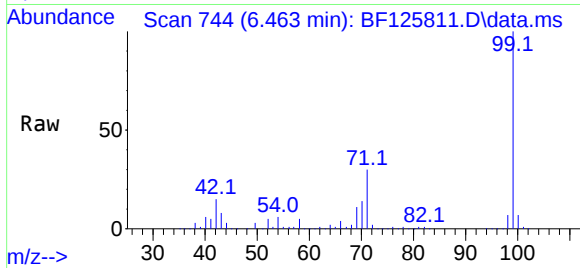


#7
Phenol-d6
Concen: 77.20 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF125811.D
Acq: 12 Oct 2021 20:08

Instrument :
BNA_F
ClientSampleId :
SB-1(6.5-7.0)

Tgt Ion: 99 Resp: 1169338

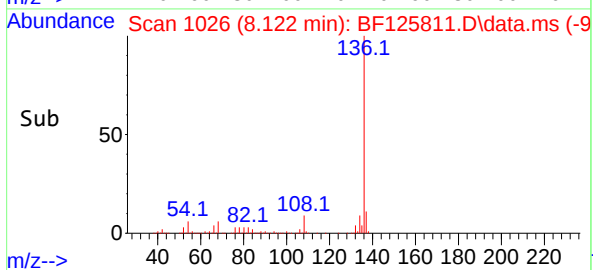
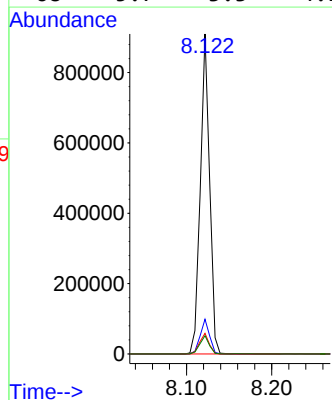
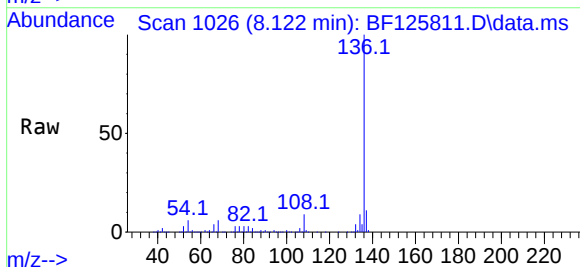
Ion	Ratio	Lower	Upper
99	100		
42	14.7	23.5	35.3#
71	30.1	25.6	38.4

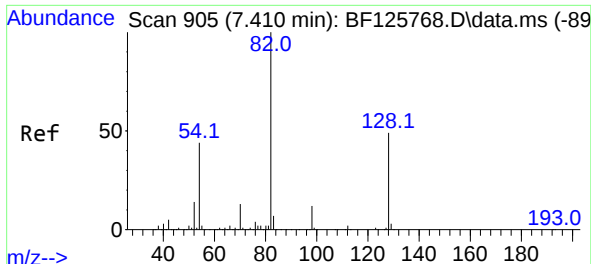


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125811.D
Acq: 12 Oct 2021 20:08

Tgt Ion: 136 Resp: 689433

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	6.5	6.4	9.6
68	5.7	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 62.48 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF125811.D

Acq: 12 Oct 2021 20:08

Instrument :

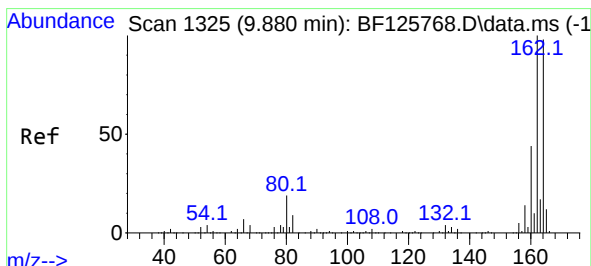
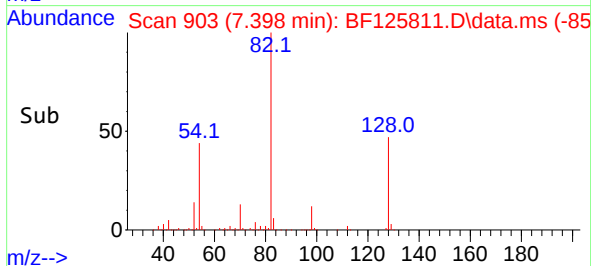
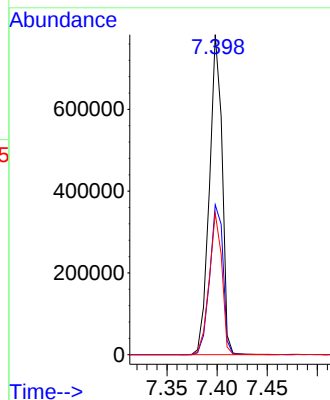
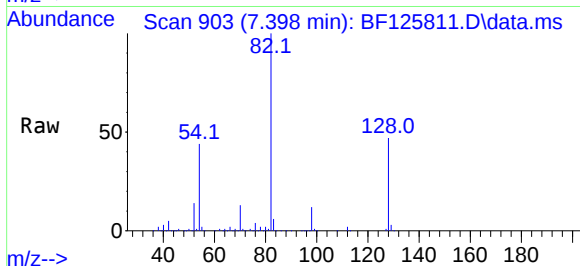
BNA_F

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SB-1(6.5-7.0)

Tgt Ion: 82 Resp: 692994

Ion	Ratio	Lower	Upper
82	100		
128	46.9	40.6	60.8
54	44.2	49.6	74.4#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.874 min Scan# 1324

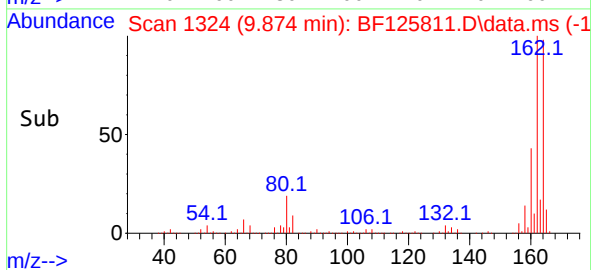
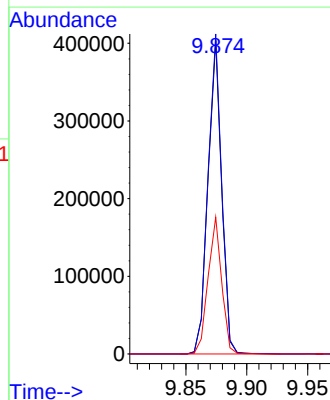
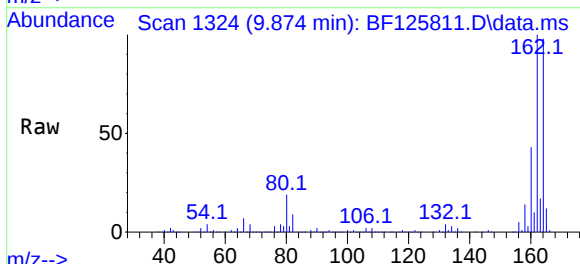
Delta R.T. -0.006 min

Lab File: BF125811.D

Acq: 12 Oct 2021 20:08

Tgt Ion: 164 Resp: 313253

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.3	121.9
160	43.7	38.0	57.0

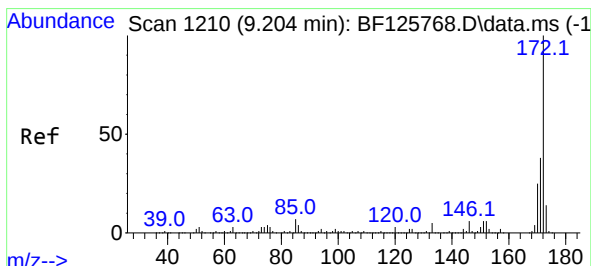
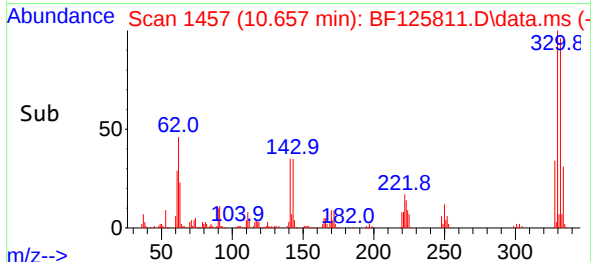
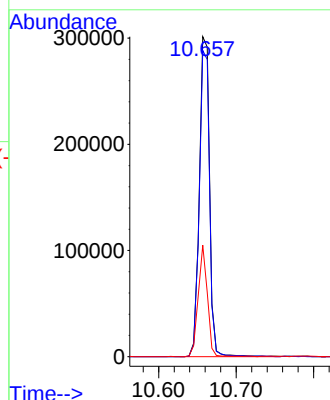
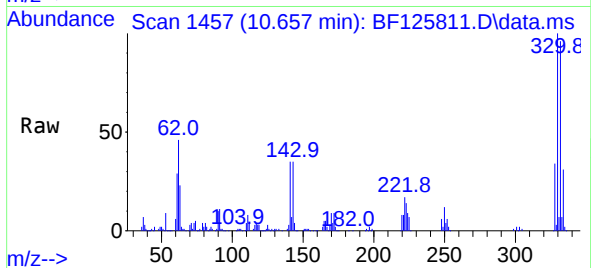




#42
2,4,6-Tribromophenol
Concen: 89.03 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF125811.D
Acq: 12 Oct 2021 20:08

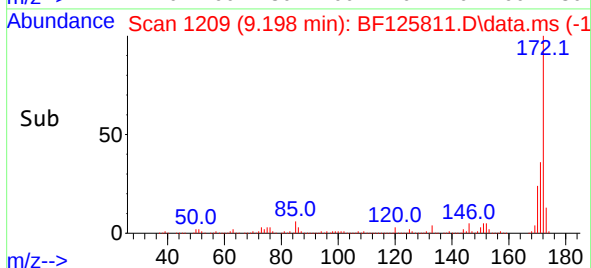
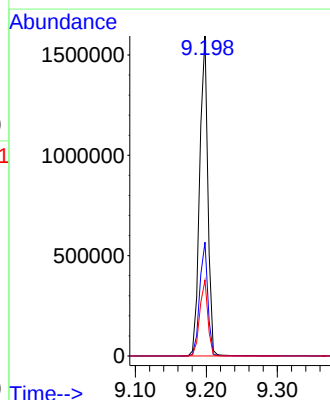
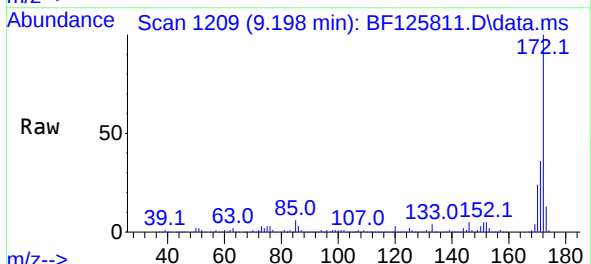
Instrument :
BNA_F
ClientSampleId :
SB-1(6.5-7.0)

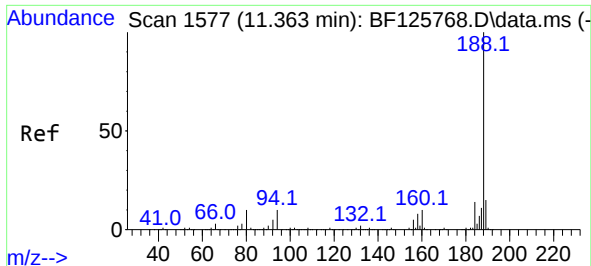
Tgt Ion:330 Resp: 275364
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 31.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 70.60 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125811.D
Acq: 12 Oct 2021 20:08

Tgt Ion:172 Resp: 1282132
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 23.7 18.8 28.2

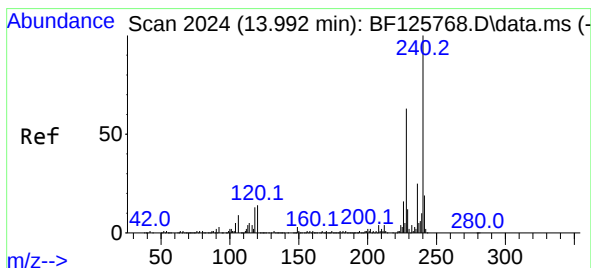
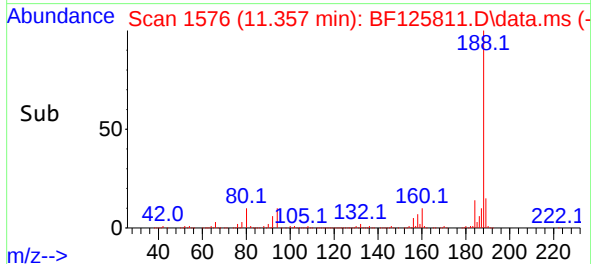
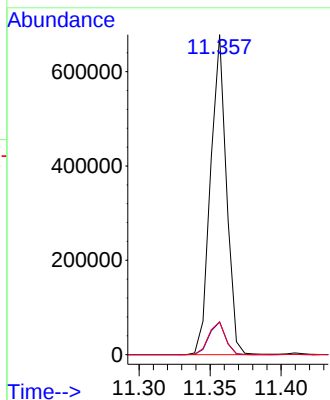
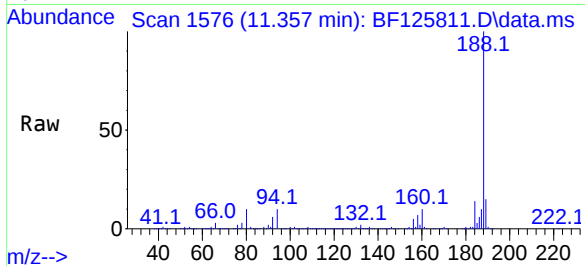




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125811.D
Acq: 12 Oct 2021 20:08

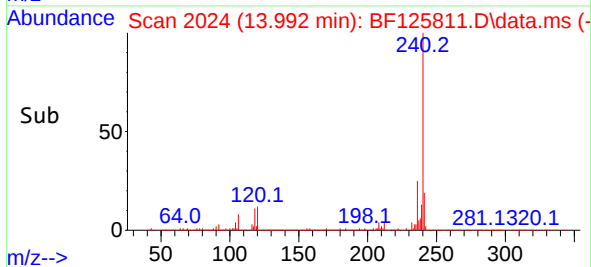
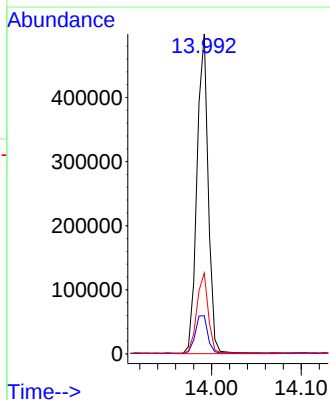
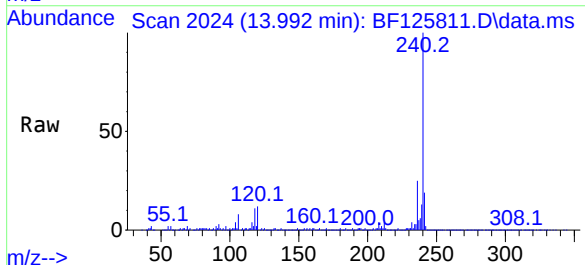
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SB-1(6.5-7.0)

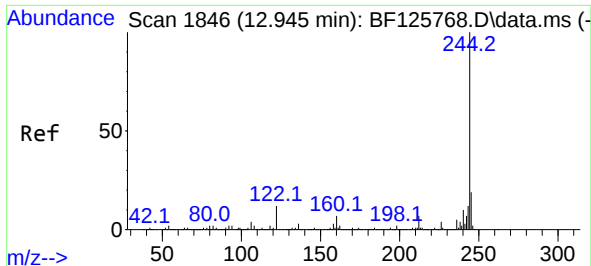
Tgt Ion:188 Resp: 526617
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 10.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF125811.D
Acq: 12 Oct 2021 20:08

Tgt Ion:240 Resp: 435177
Ion Ratio Lower Upper
240 100
120 11.9 10.8 16.2
236 25.2 21.6 32.4

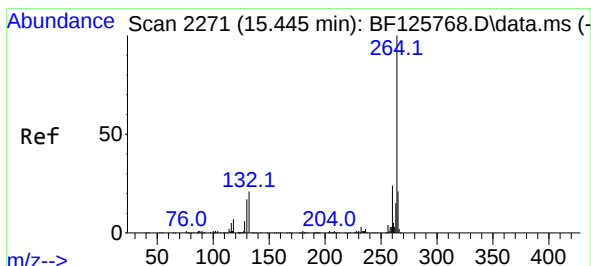
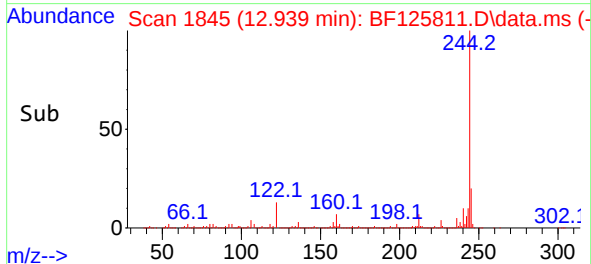
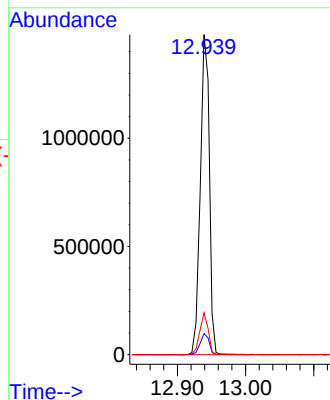
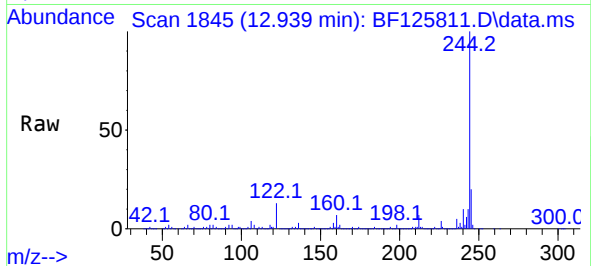




#79
Terphenyl-d14
Concen: 47.78 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BF125811.D
Acq: 12 Oct 2021 20:08

Instrument :
BNA_F
ClientSampleId :
SB-1(6.5-7.0)

Tgt Ion:244 Resp: 1364992
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 13.1 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF125811.D
Acq: 12 Oct 2021 20:08

Tgt Ion:264 Resp: 335378
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 21.5 17.2 25.8

