

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101221\
 Data File : BF125814.D
 Acq On : 12 Oct 2021 21:42
 Operator : JU/CG
 Sample : M4164-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-100821

Quant Time: Oct 13 09:48:07 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	201349	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	748796	20.00	ng	# 0.00
39) Acenaphthene-d10	9.875	164	346964	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	554680	20.00	ng	# 0.00
76) Chrysene-d12	13.992	240	473646	20.00	ng	0.00
86) Perylene-d12	15.451	264	372942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	114570	9.30	ng	0.00
7) Phenol-d6	6.457	99	135372	8.53	ng	-0.02
23) Nitrobenzene-d5	7.398	82	74032	6.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	28302	8.26	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	160484	7.98	ng	0.00
79) Terphenyl-d14	12.939	244	164864	5.30	ng	0.00

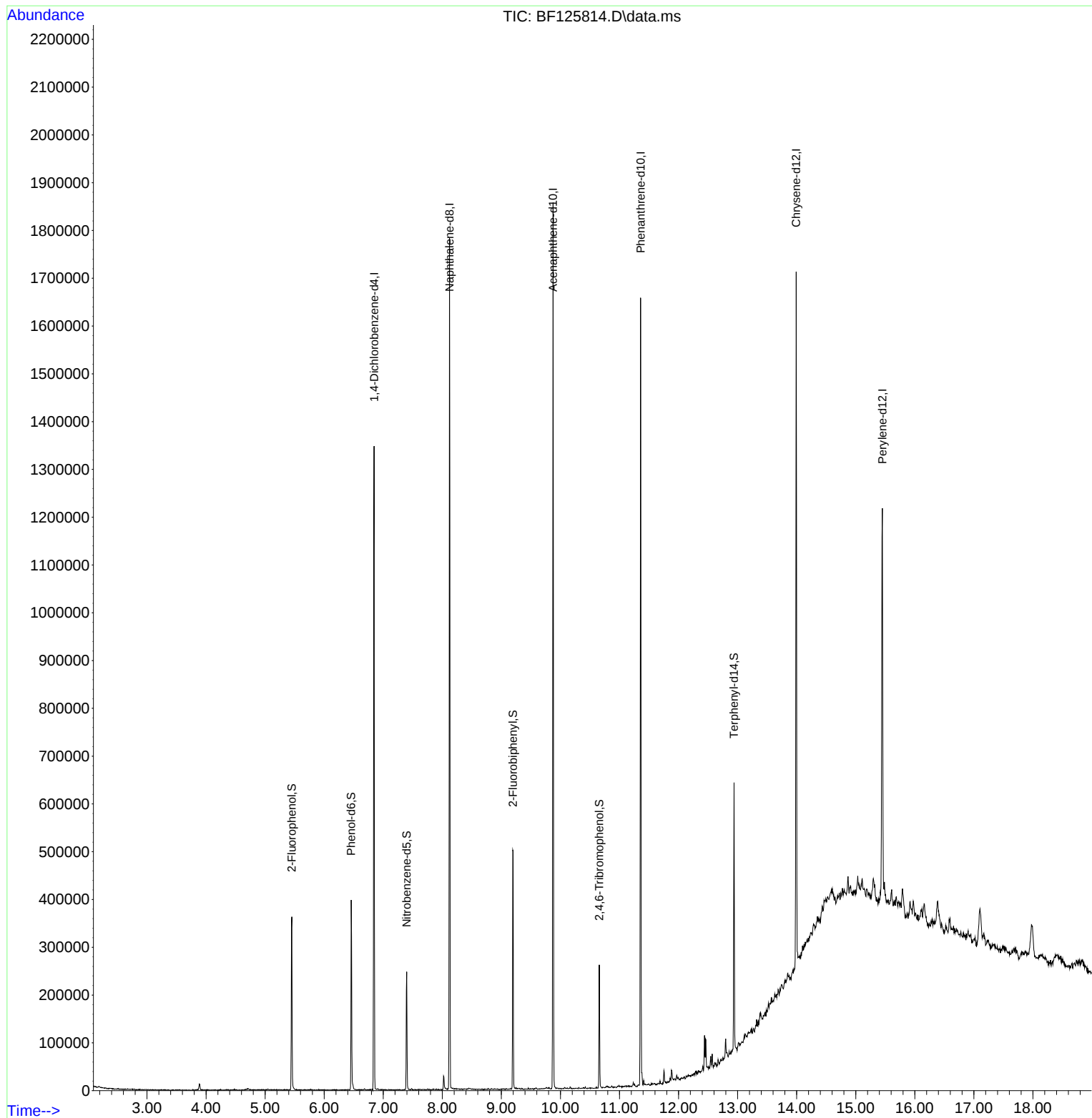
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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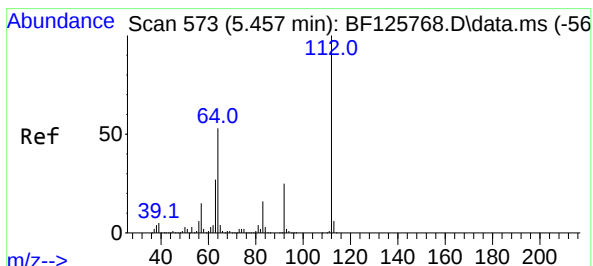
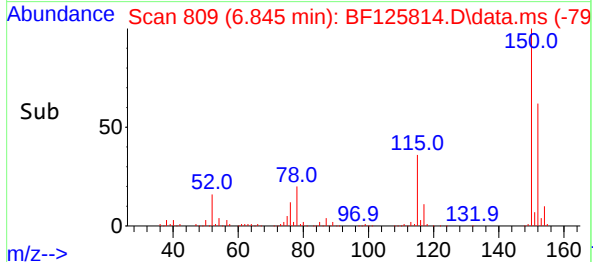
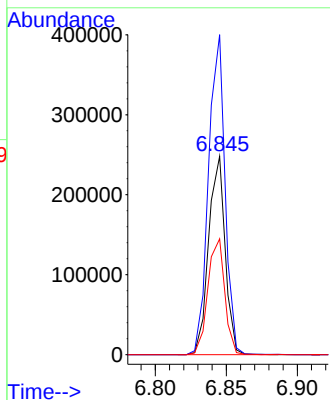
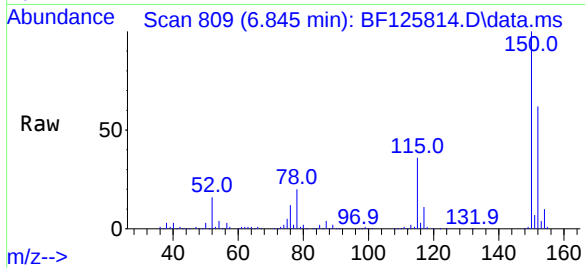




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125814.D
Acq: 12 Oct 2021 21:42

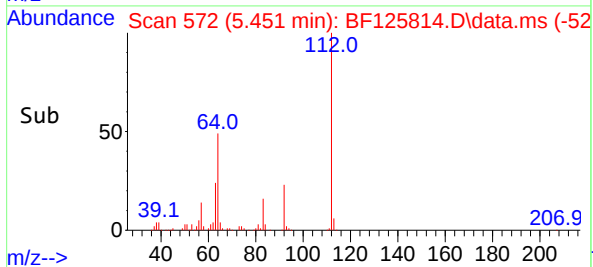
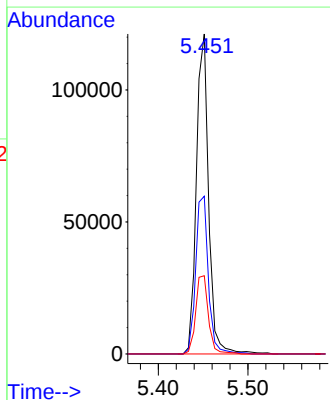
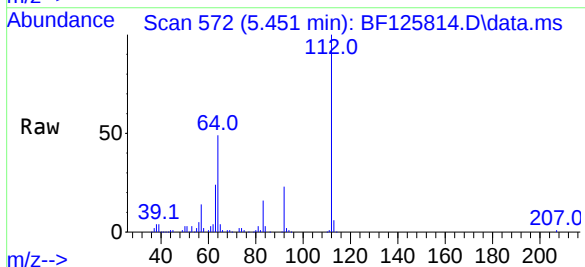
Instrument :
BNA_F
ClientSampleId :
BU-03-100821

Tgt Ion:152 Resp: 201349
Ion Ratio Lower Upper
152 100
150 161.3 117.6 176.4
115 58.4 47.1 70.7

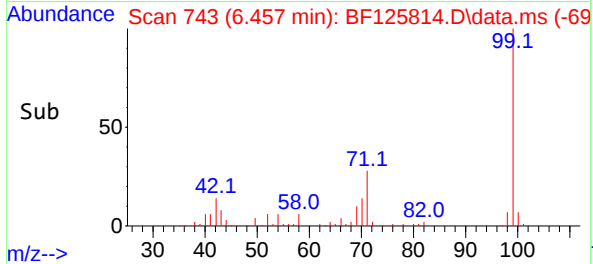
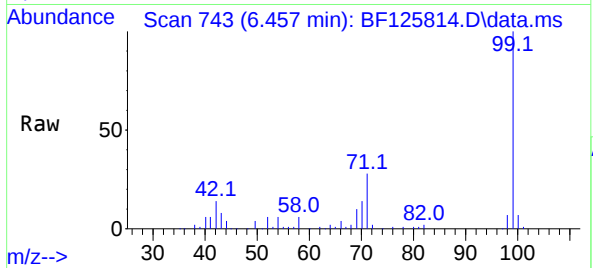
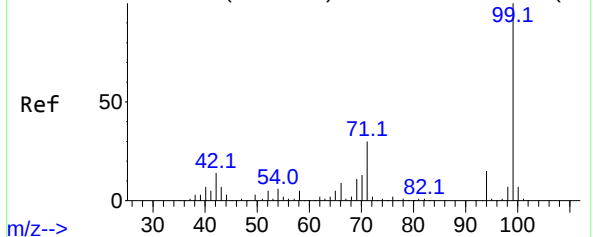


#5
2-Fluorophenol
Concen: 9.30 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF125814.D
Acq: 12 Oct 2021 21:42

Tgt Ion:112 Resp: 114570
Ion Ratio Lower Upper
112 100
64 49.3 44.2 66.2
63 24.4 26.2 39.2#



Abundance Scan 746 (6.475 min): BF125768.D\data.ms (-73



#7

Phenol-d6

Concen: 8.53 ng

RT: 6.457 min Scan# 743

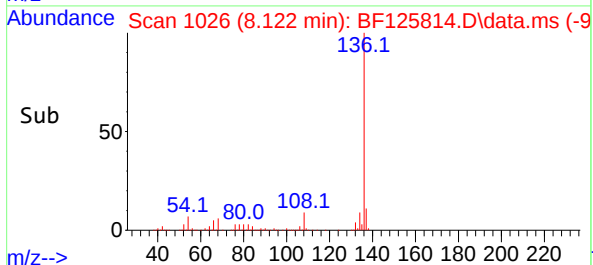
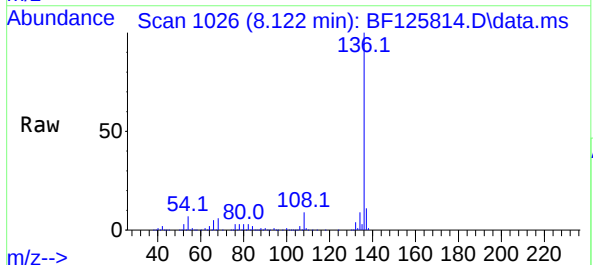
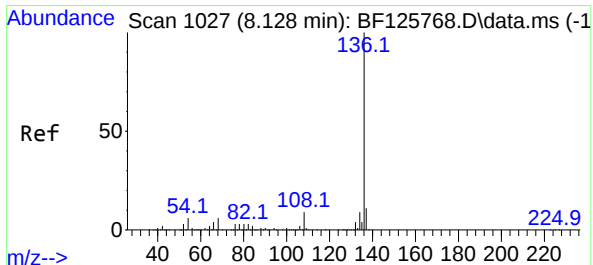
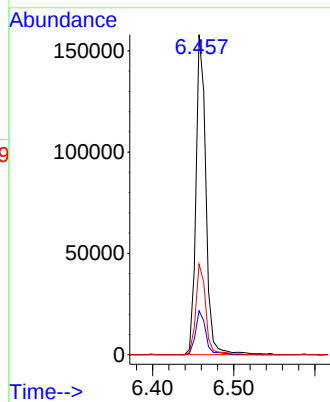
Delta R.T. -0.018 min

Lab File: BF125814.D

Acq: 12 Oct 2021 21:42

Tgt Ion: 99 Resp: 135372

Ion	Ratio	Lower	Upper
99	100		
42	13.7	23.5	35.3#
71	28.4	25.6	38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.122 min Scan# 1026

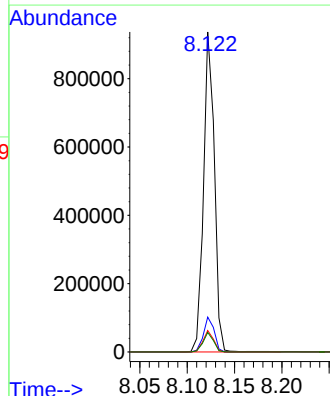
Delta R.T. -0.006 min

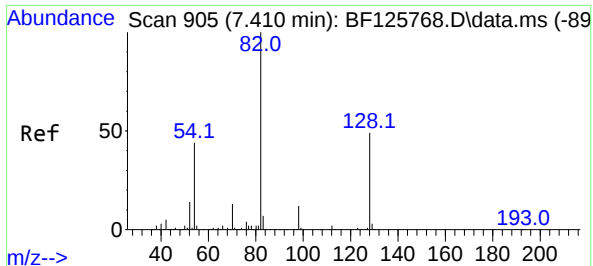
Lab File: BF125814.D

Acq: 12 Oct 2021 21:42

Tgt Ion: 136 Resp: 748796

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	6.7	6.4	9.6
68	6.1	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 6.15 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF125814.D

Acq: 12 Oct 2021 21:42

Tgt Ion: 82 Resp: 74032

Ion Ratio Lower Upper

82 100

128 48.1 40.6 60.8

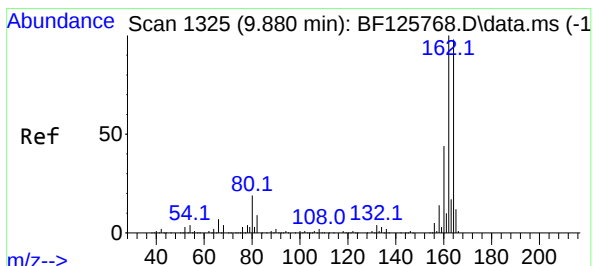
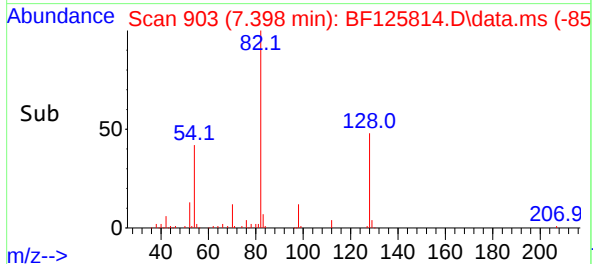
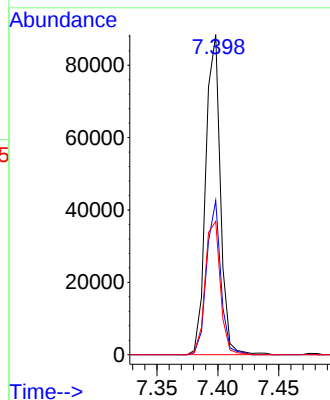
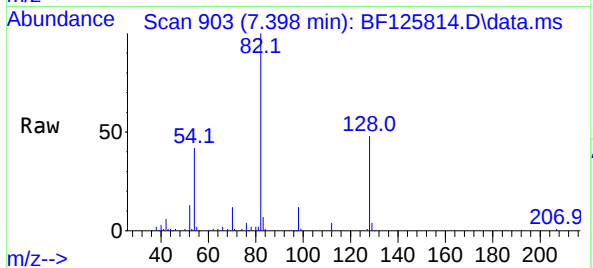
54 41.7 49.6 74.4#

Instrument :

BNA_F

ClientSampleId :

BU-03-100821



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF125814.D

Acq: 12 Oct 2021 21:42

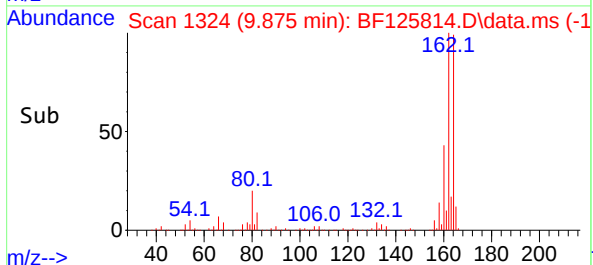
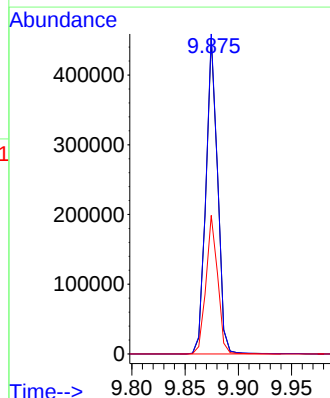
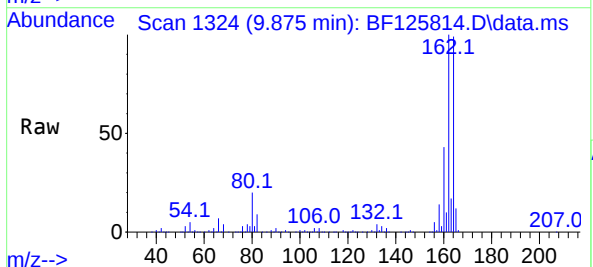
Tgt Ion:164 Resp: 346964

Ion Ratio Lower Upper

164 100

162 101.3 81.3 121.9

160 43.9 38.0 57.0

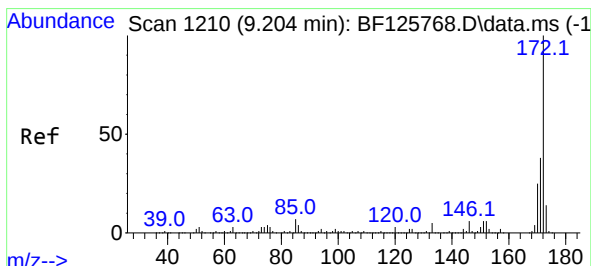
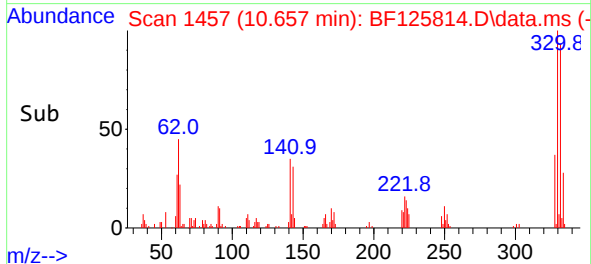
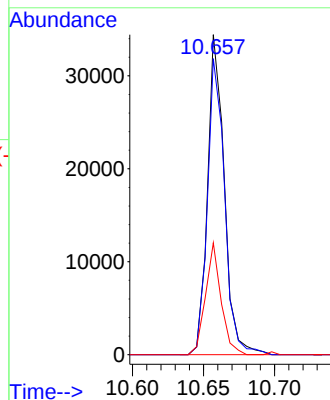
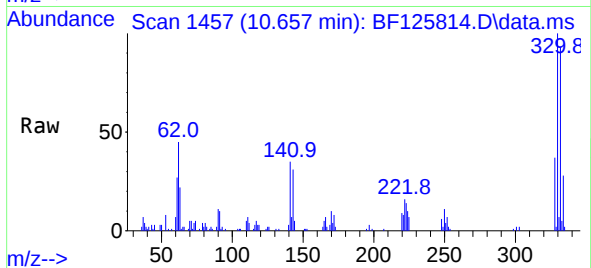




#42
2,4,6-Tribromophenol
Concen: 8.26 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF125814.D
Acq: 12 Oct 2021 21:42

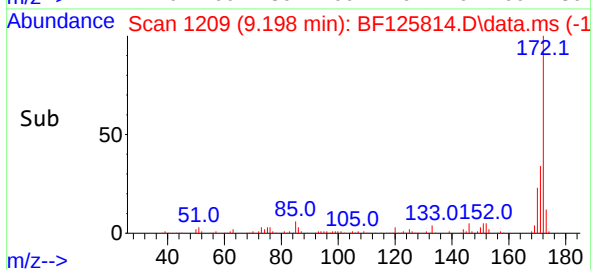
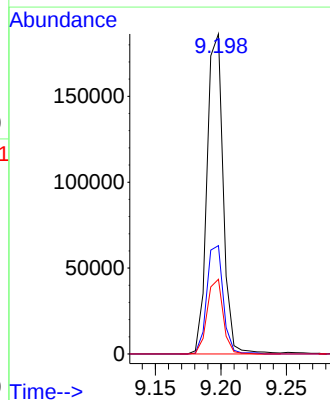
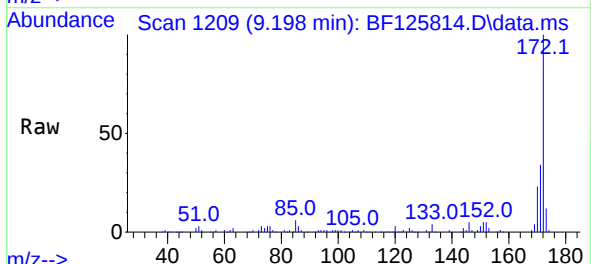
Instrument :
BNA_F
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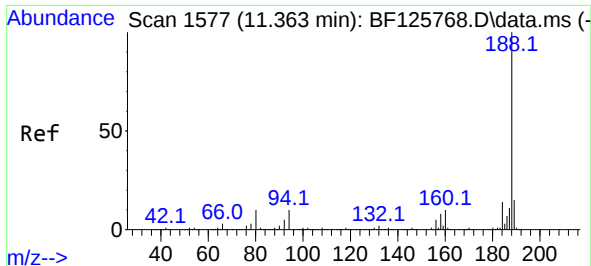
Tgt Ion: 330 Resp: 28302
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 32.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 7.98 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125814.D
Acq: 12 Oct 2021 21:42

Tgt Ion: 172 Resp: 160484
Ion Ratio Lower Upper
172 100
171 33.8 26.5 39.7
170 23.3 18.8 28.2

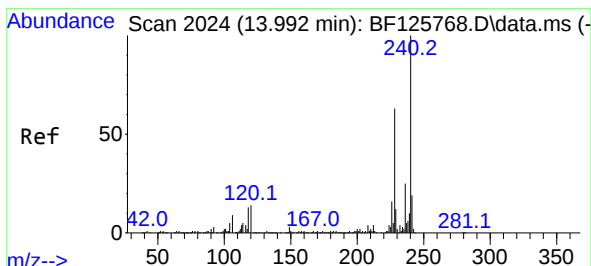
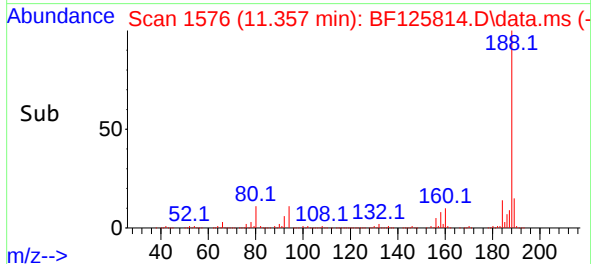
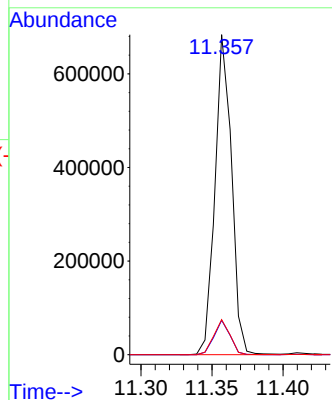
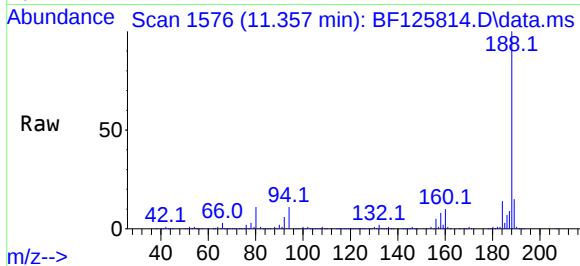




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125814.D
Acq: 12 Oct 2021 21:42

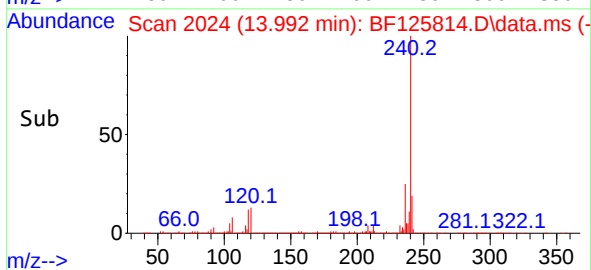
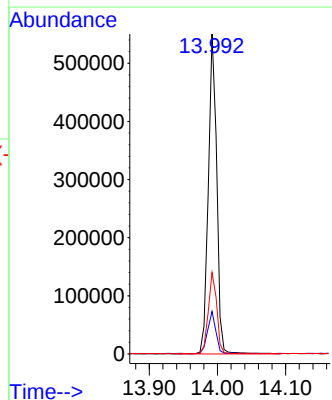
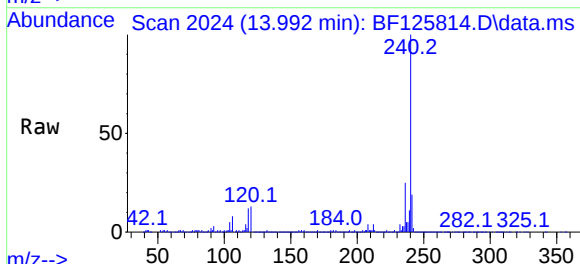
Instrument :
BNA_F
ClientSampleId :
BU-03-100821

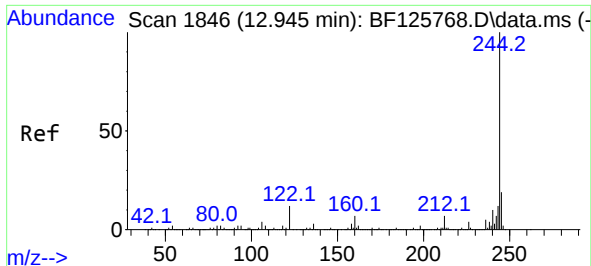
Tgt Ion:188 Resp: 554680
Ion Ratio Lower Upper
188 100
94 10.8 6.7 10.1#
80 11.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF125814.D
Acq: 12 Oct 2021 21:42

Tgt Ion:240 Resp: 473646
Ion Ratio Lower Upper
240 100
120 13.3 10.8 16.2
236 25.4 21.6 32.4

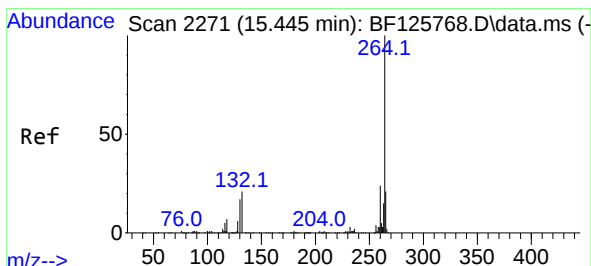
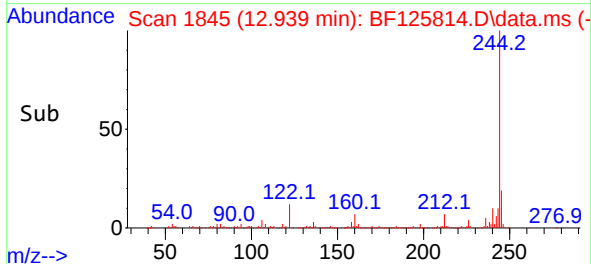
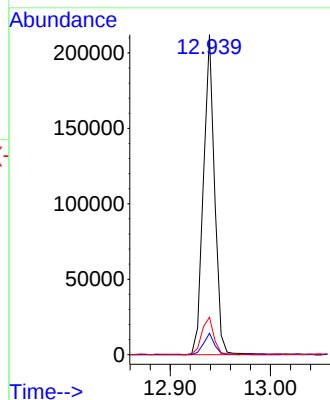
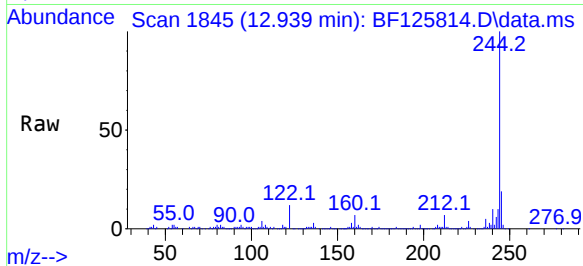




#79
Terphenyl-d14
Concen: 5.30 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BF125814.D
Acq: 12 Oct 2021 21:42

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 164864
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 11.7 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: BF125814.D
Acq: 12 Oct 2021 21:42

Tgt Ion:264 Resp: 372942
Ion Ratio Lower Upper
264 100
260 23.6 19.6 29.4
265 21.2 17.2 25.8

