

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)

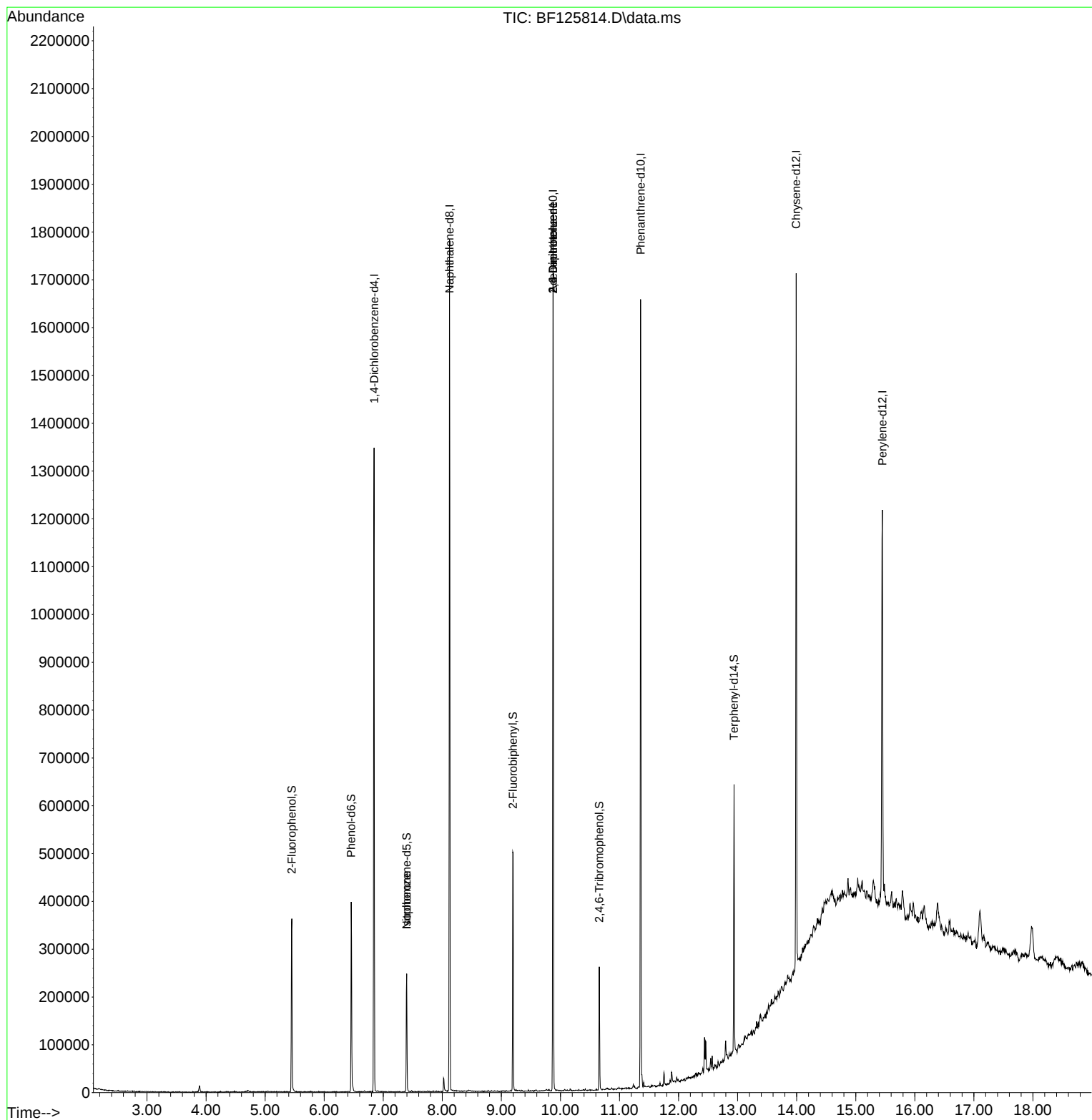
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	201349	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	748796	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	346964	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	554680	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	473646	20.000	ng	0.00
86) Perylene-d12	15.451	264	372942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	114570	9.296	ng	0.00
7) Phenol-d6	6.457	99	135372	8.532	ng	-0.02
23) Nitrobenzene-d5	7.398	82	74032	6.146	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	28302	8.262	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	160484	7.978	ng	0.00
79) Terphenyl-d14	12.939	244	164864	5.302	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.398	82	74031	3.469	ng	# 59
51) 2,6-Dinitrotoluene	9.875	165	43126	9.341	ng	# 27
57) 2,4-Dinitrotoluene	9.875	165	43126	7.388	ng	# 19

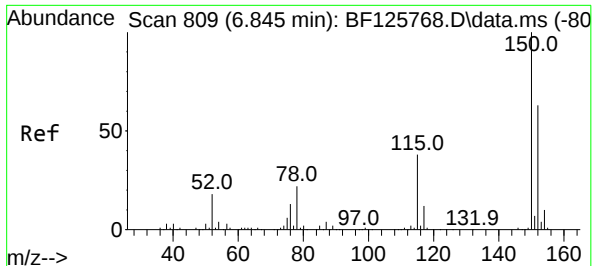
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

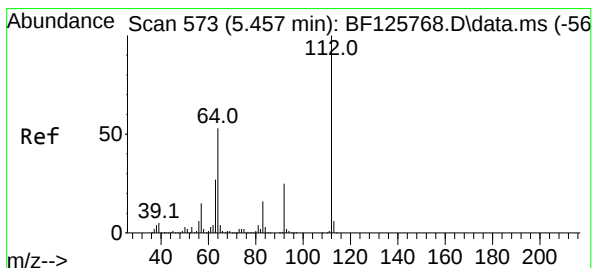
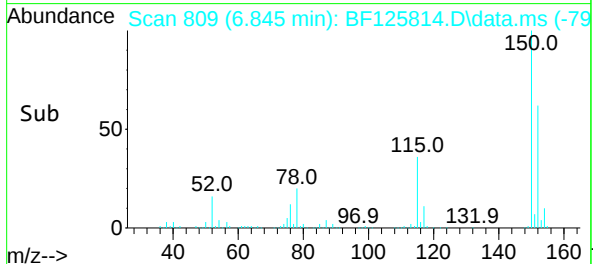
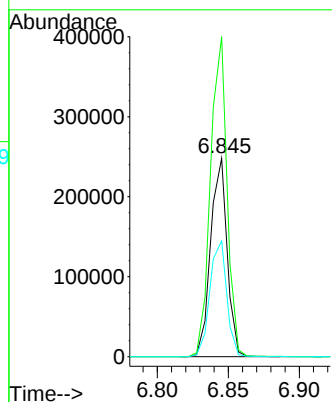
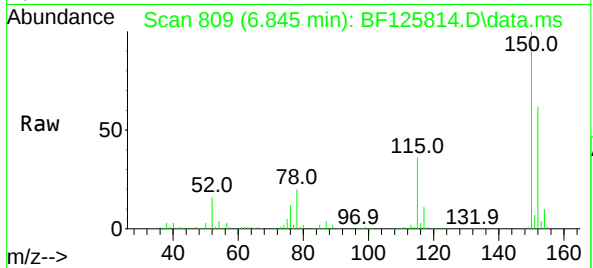




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125814.D
Acq: 12 Oct 2021 21:42

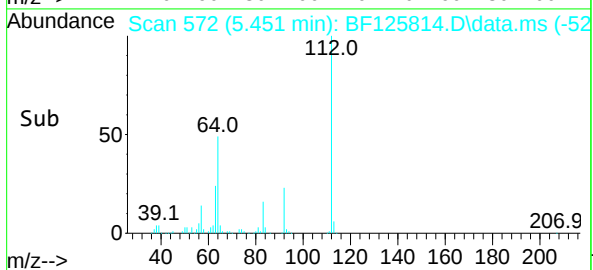
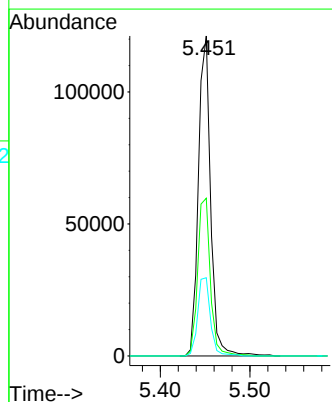
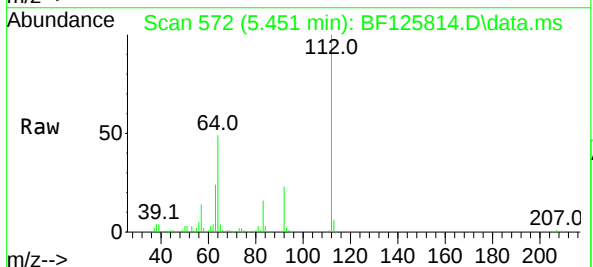
Instrument :
BNA_F
ClientSampleId :
BU-03-100821

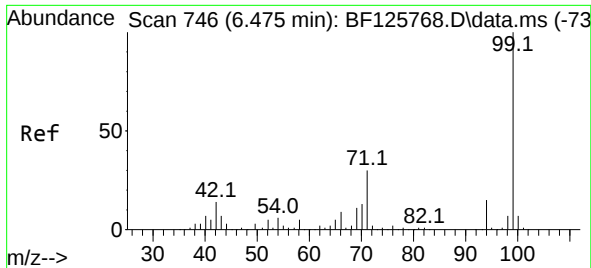
Tgt Ion:152 Resp: 201349
Ion Ratio Lower Upper
152 100
150 161.3 117.6 176.4
115 58.4 47.1 70.7



#5
2-Fluorophenol
Concen: 9.296 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#

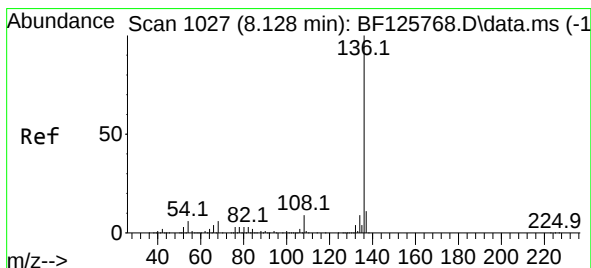
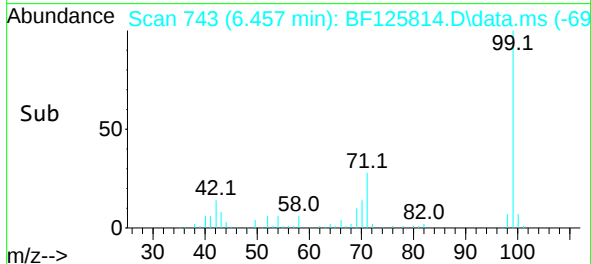
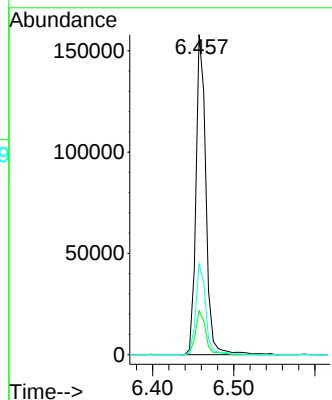
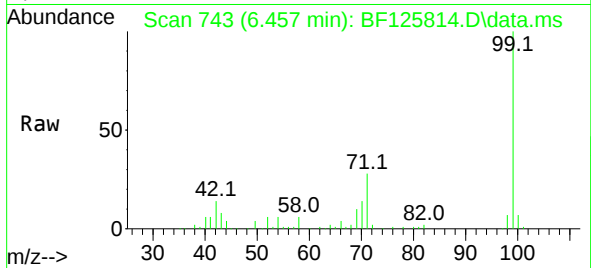




#7
Phenol-d6
Concen: 8.532 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF125814.D
Acq: 12 Oct 2021 21:42

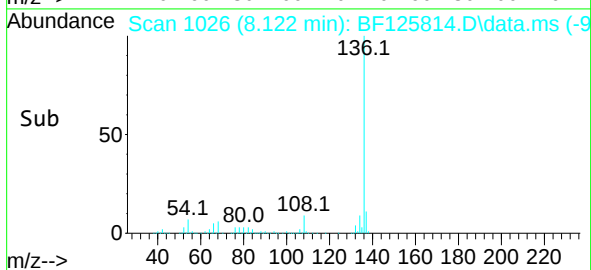
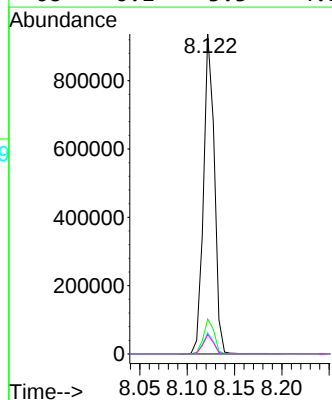
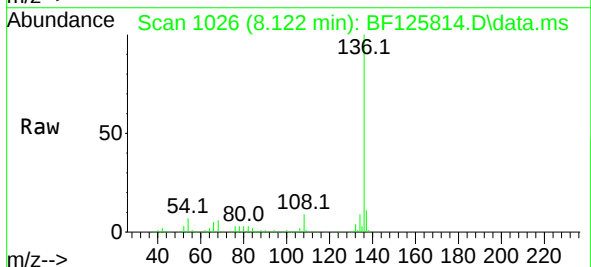
Instrument :
BNA_F
ClientSampleId :
BU-03-100821

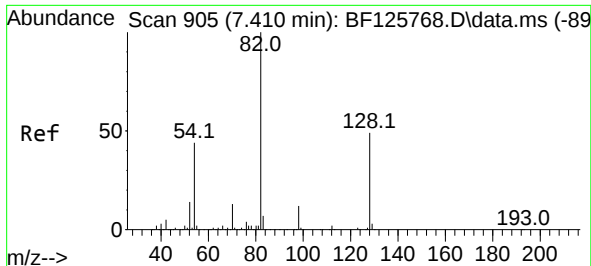
Tgt Ion: 99 Resp: 135372
Ion Ratio Lower Upper
99 100
42 13.7 23.5 35.3#
71 28.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 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#

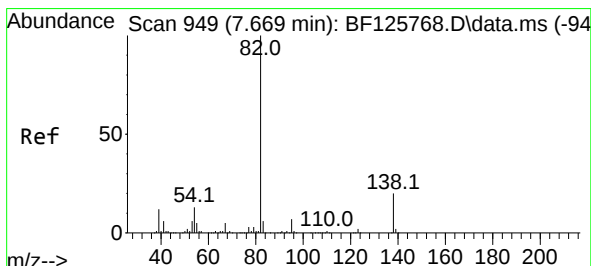
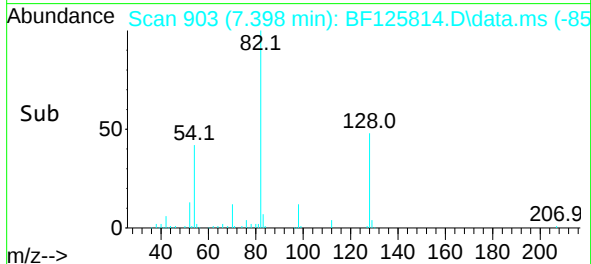
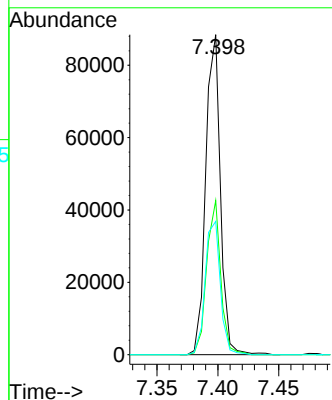
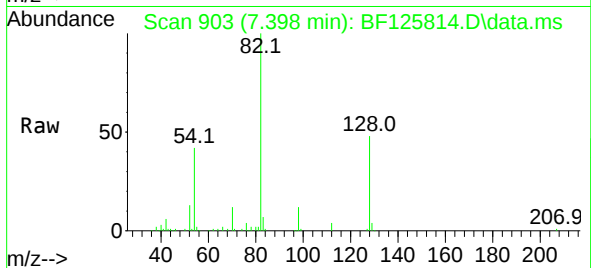




#23
Nitrobenzene-d5
Concen: 6.146 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF125814.D
Acq: 12 Oct 2021 21:42

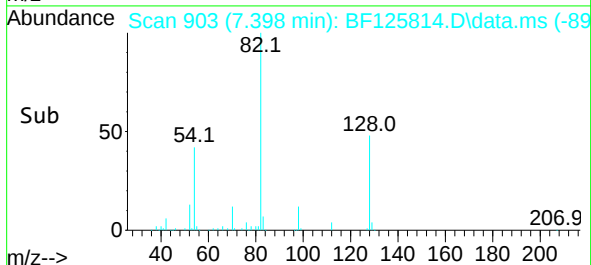
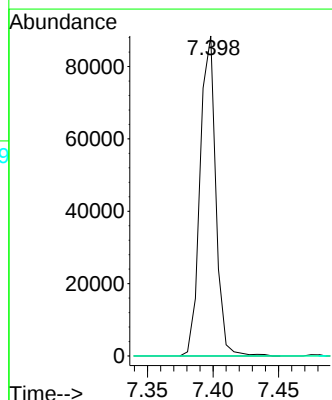
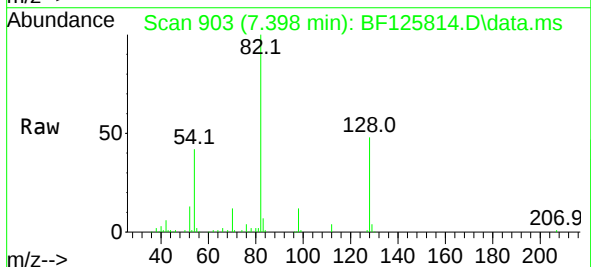
Instrument :
BNA_F
ClientSampleId :
BU-03-100821

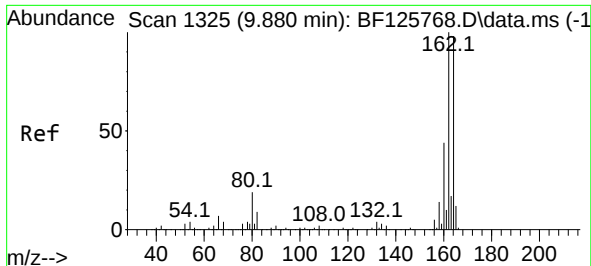
Tgt Ion: 82 Resp: 74032
Ion Ratio Lower Upper
82 100
128 48.1 40.6 60.8
54 41.7 49.6 74.4#



#25
Isophorone
Concen: 3.469 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.270 min
Lab File: BF125814.D
Acq: 12 Oct 2021 21:42

Tgt Ion: 82 Resp: 74031
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

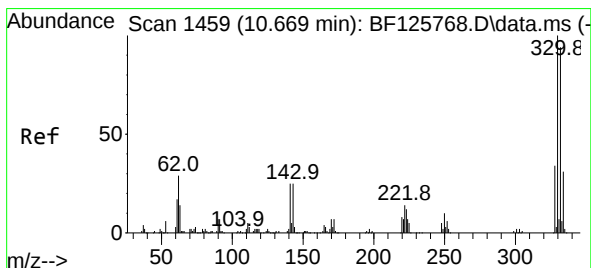
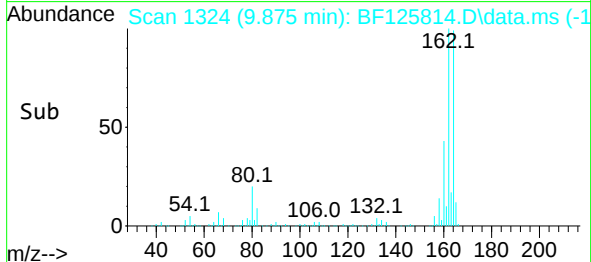
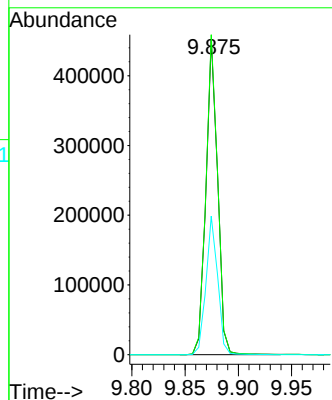
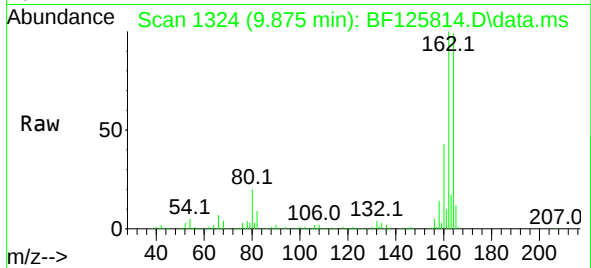




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125814.D
Acq: 12 Oct 2021 21:42

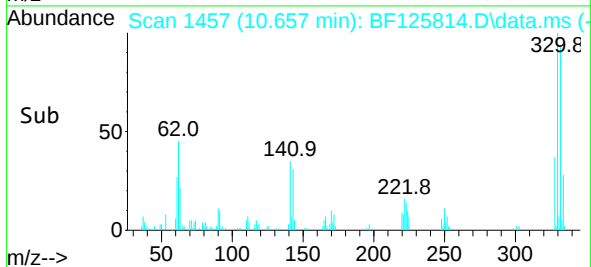
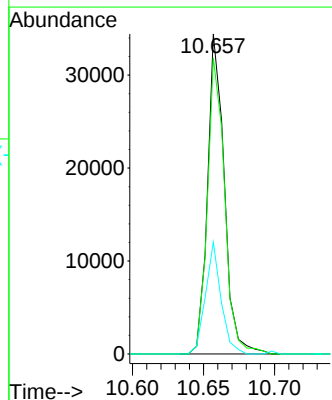
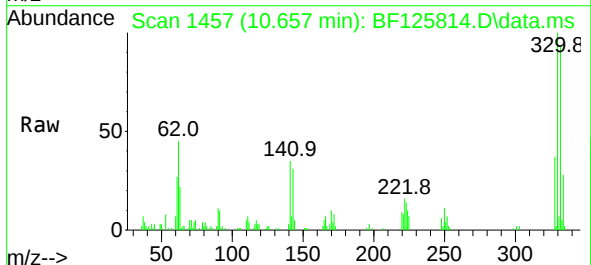
Instrument :
BNA_F
ClientSampleId :
BU-03-100821

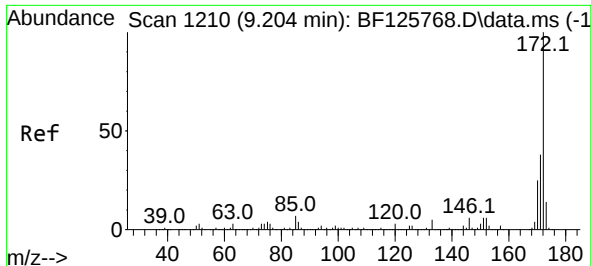
Tgt Ion:164 Resp: 346964
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 43.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 8.262 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF125814.D
Acq: 12 Oct 2021 21:42

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#

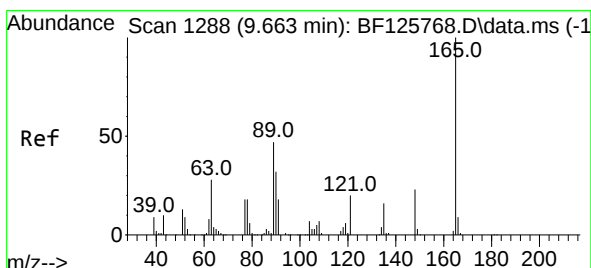
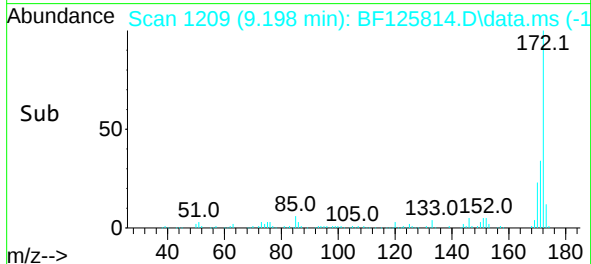
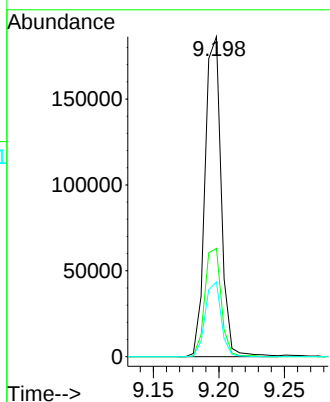
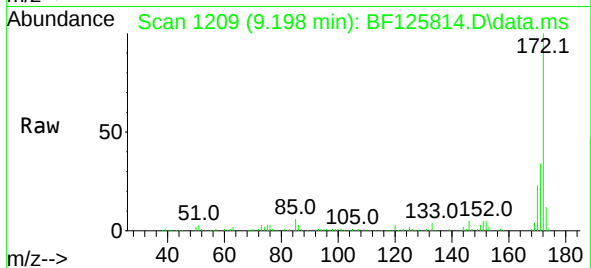




#45
2-Fluorobiphenyl
Concen: 7.978 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125814.D
Acq: 12 Oct 2021 21:42

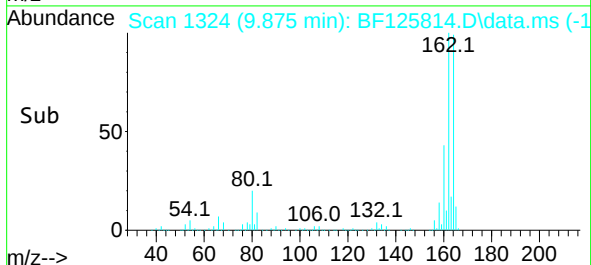
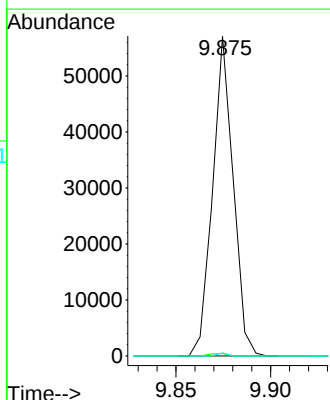
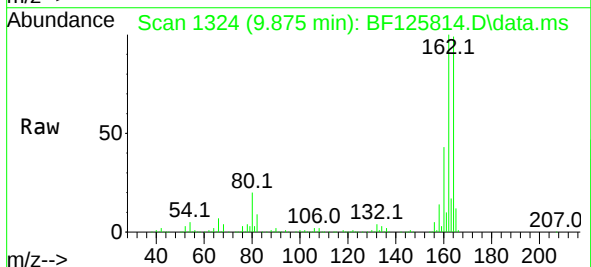
Instrument :
BNA_F
ClientSampleId :
BU-03-100821

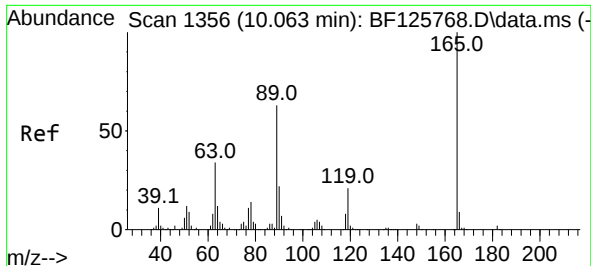
Tgt Ion:172 Resp: 160484
Ion Ratio Lower Upper
172 100
171 33.8 26.5 39.7
170 23.3 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.341 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF125814.D
Acq: 12 Oct 2021 21:42

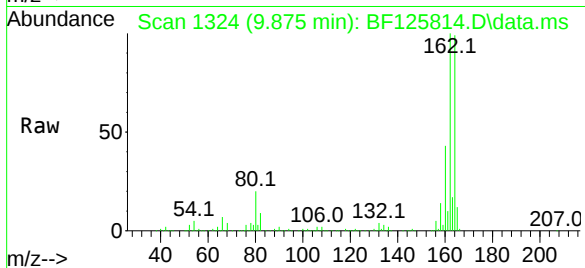
Tgt Ion:165 Resp: 43126
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.0 40.6 60.8#



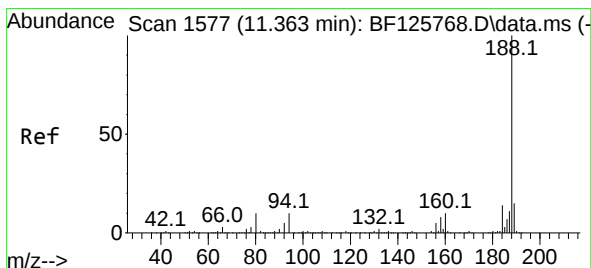
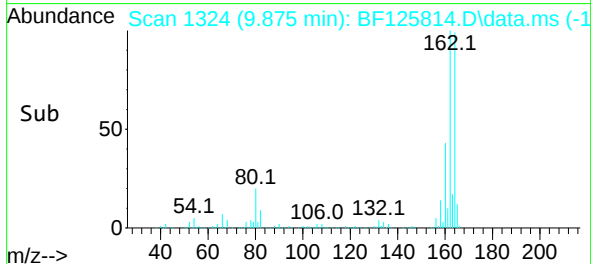
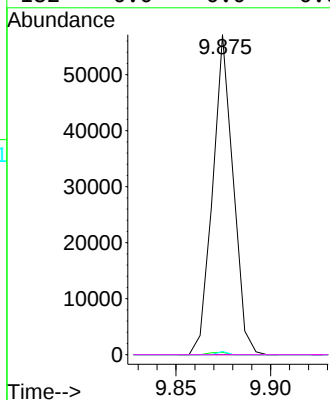


#57
2,4-Dinitrotoluene
Concen: 7.388 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF125814.D
Acq: 12 Oct 2021 21:42

Instrument :
BNA_F
ClientSampleId :
BU-03-100821

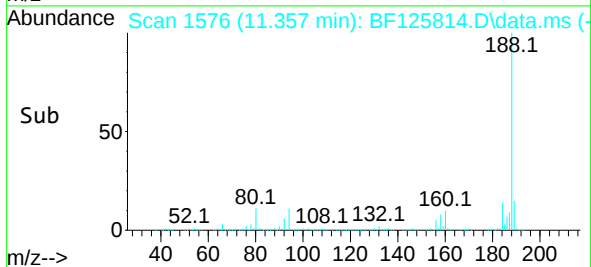
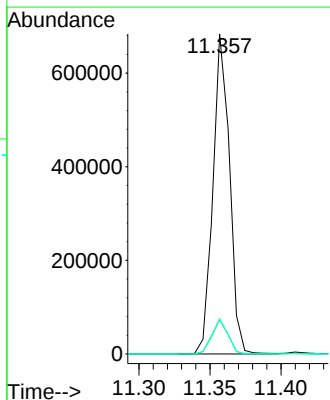
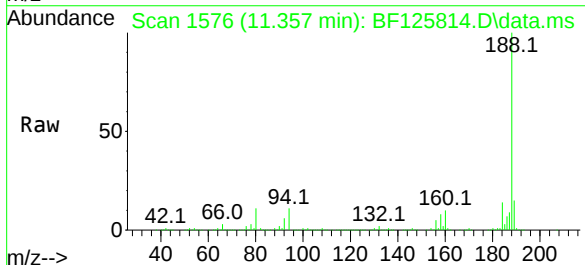


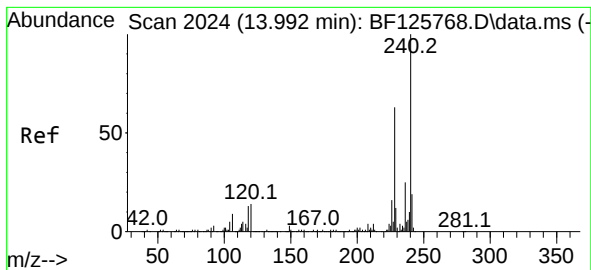
Tgt Ion:165 Resp: 43126
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125814.D
Acq: 12 Oct 2021 21:42

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

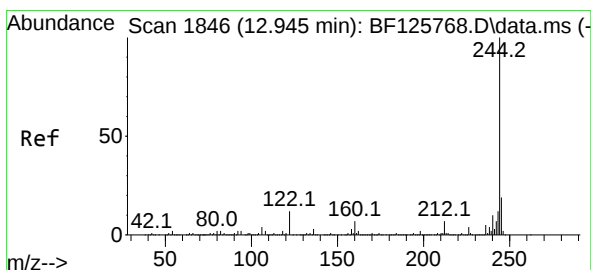
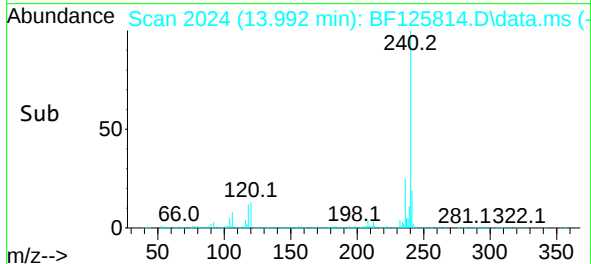
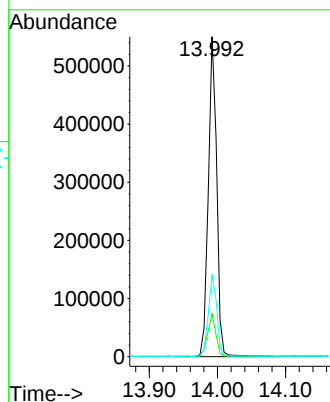
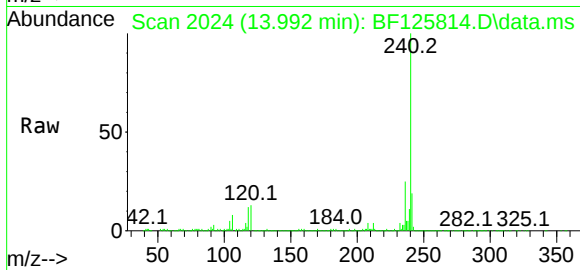




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF125814.D
Acq: 12 Oct 2021 21:42

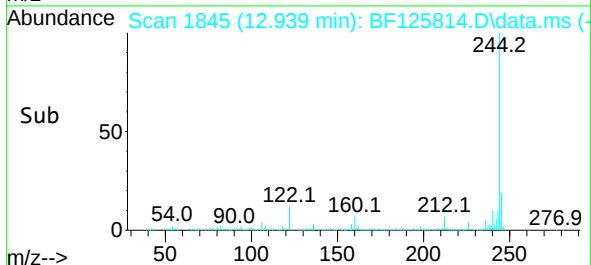
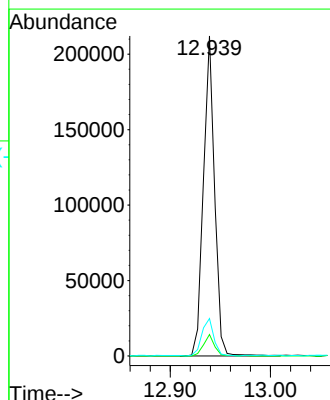
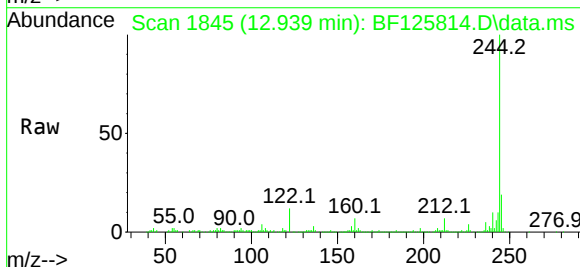
Instrument :
BNA_F
ClientSampleId :
BU-03-100821

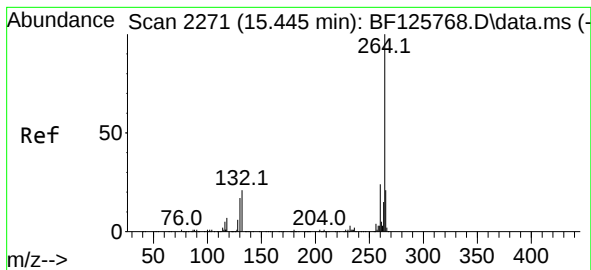
Tgt Ion:240 Resp: 473646
Ion Ratio Lower Upper
240 100
120 13.3 10.8 16.2
236 25.4 21.6 32.4



#79
Terphenyl-d14
Concen: 5.302 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BF125814.D
Acq: 12 Oct 2021 21:42

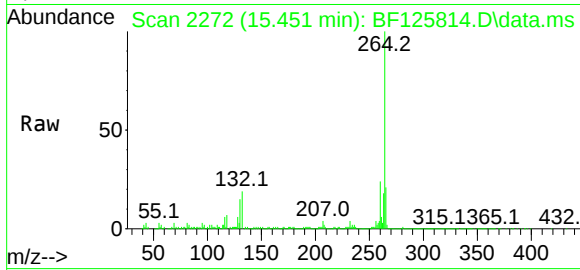
Tgt Ion:244 Resp: 164864
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 11.7 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
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:264 Resp: 372942

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.2	17.2	25.8

