

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136853.D
 Acq On : 30 Dec 2023 04:42
 Operator : CG\JU
 Sample : 06031-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-321-10-12

Quant Time: Dec 30 05:22:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	71070	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	272327	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	140236	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	261738	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	141491	20.000	ng	0.00
86) Perylene-d12	15.445	264	147305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	496917	109.094	ng	0.00
7) Phenol-d6	6.428	99	572873	97.063	ng	-0.01
23) Nitrobenzene-d5	7.345	82	419735	78.869	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	169476	102.614	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	847330	81.266	ng	-0.01
79) Terphenyl-d14	12.904	244	807720	79.776	ng	-0.01

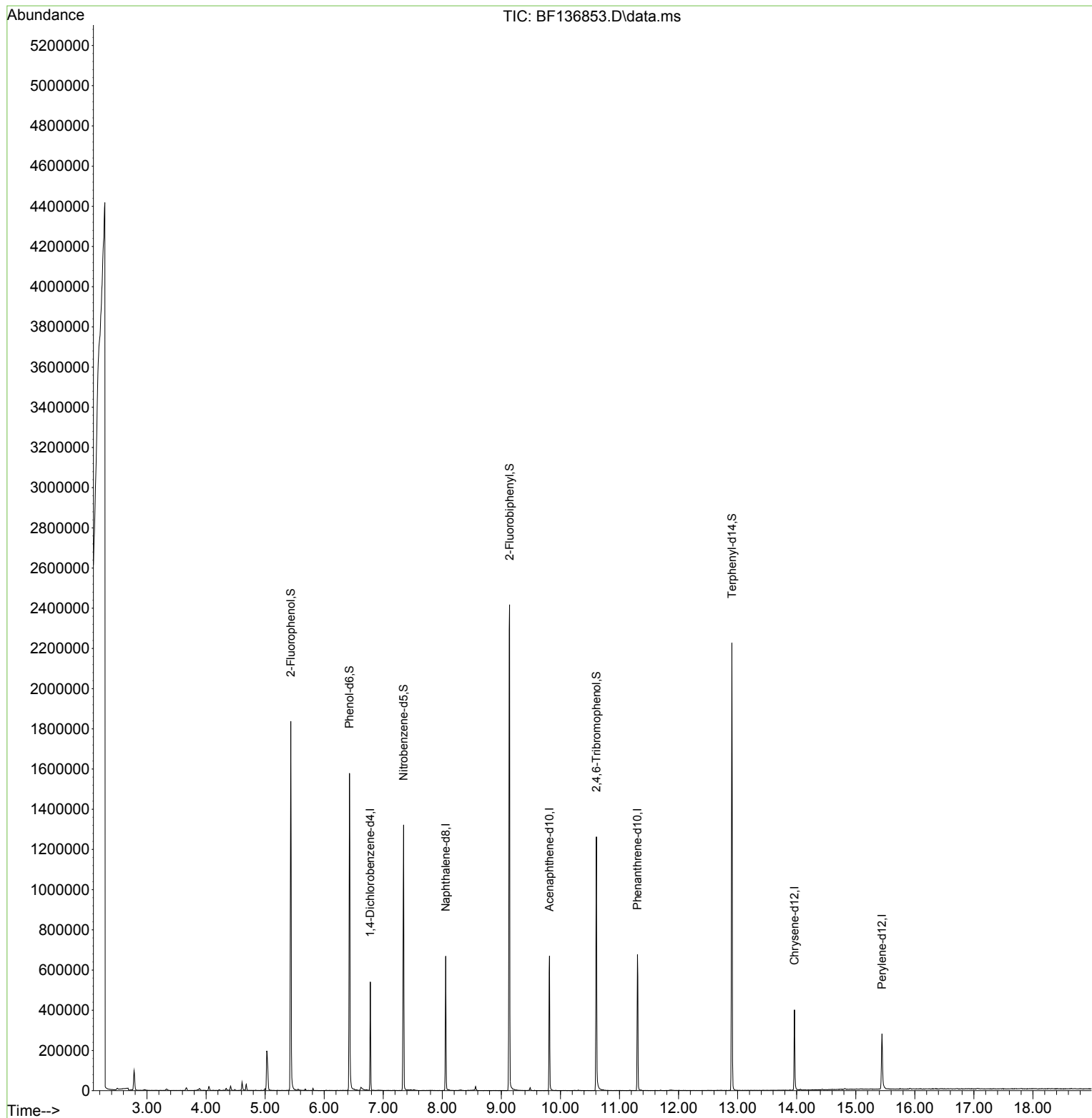
Target Compounds	Qvalue

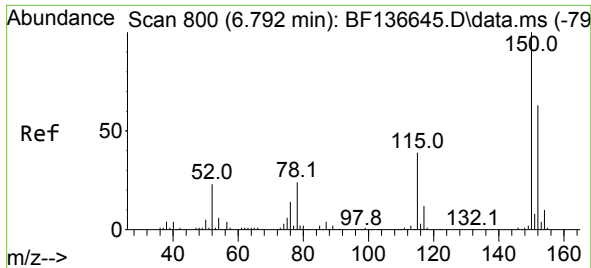
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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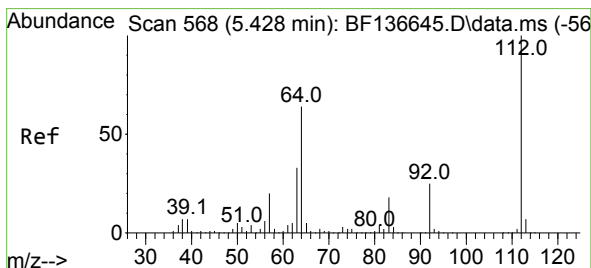
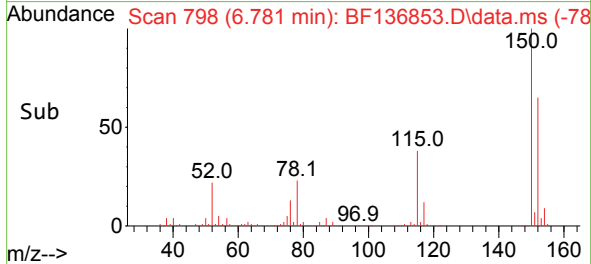
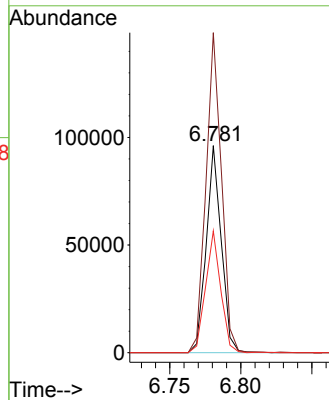
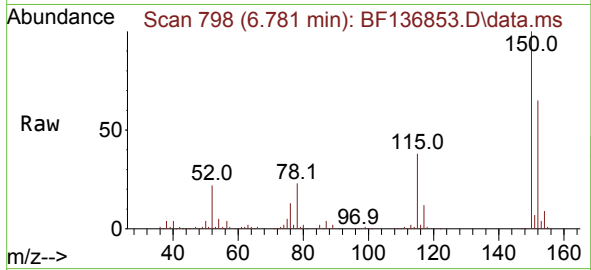




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42

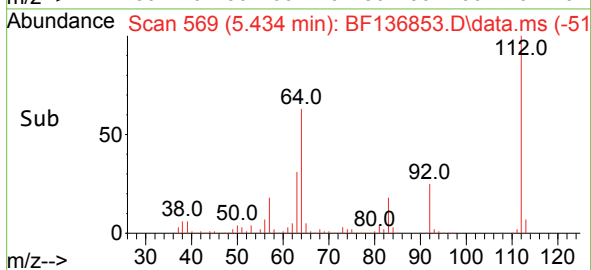
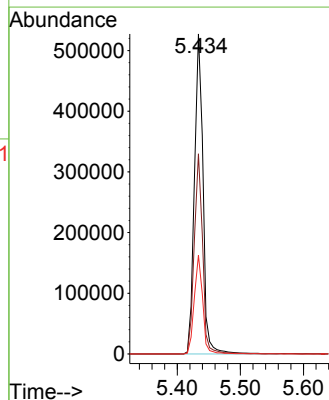
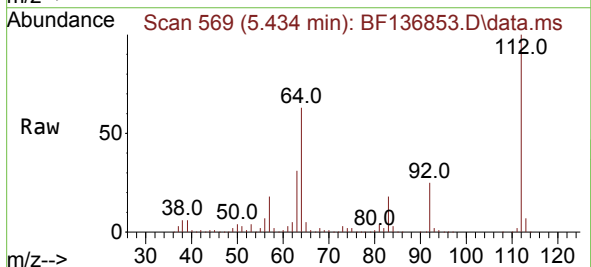
Instrument :
BNA_F
ClientSampleId :
MR-321-10-12

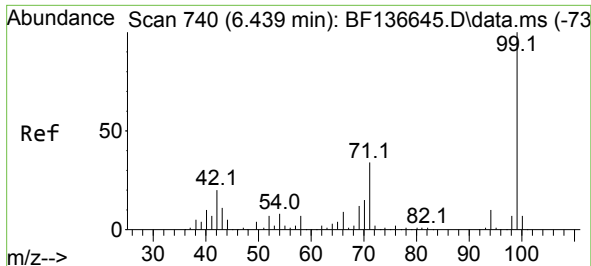
Tgt Ion:152 Resp: 71070
Ion Ratio Lower Upper
152 100
150 154.6 127.0 190.6
115 58.8 49.0 73.4



#5
2-Fluorophenol
Concen: 109.094 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42

Tgt Ion:112 Resp: 496917
Ion Ratio Lower Upper
112 100
64 62.5 51.1 76.7
63 30.9 26.1 39.1

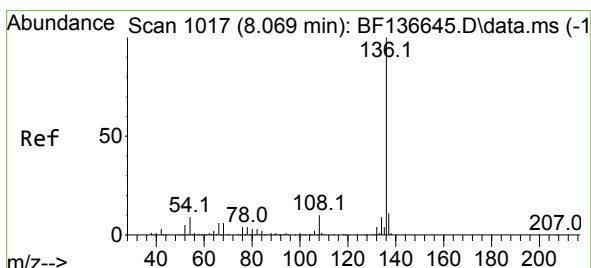
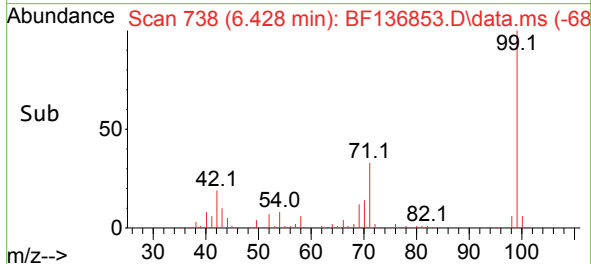
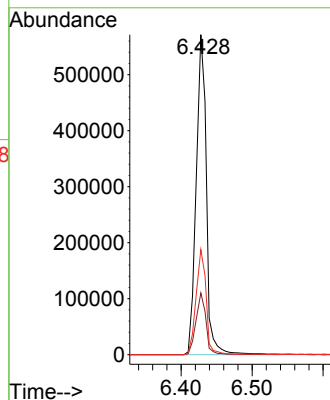
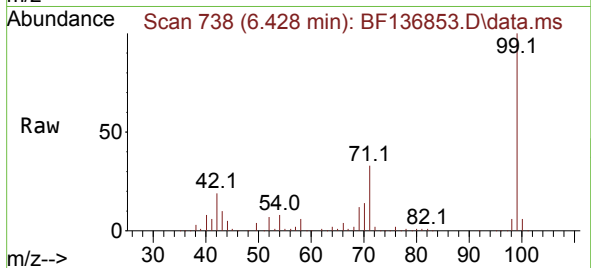




#7
Phenol-d6
Concen: 97.063 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42

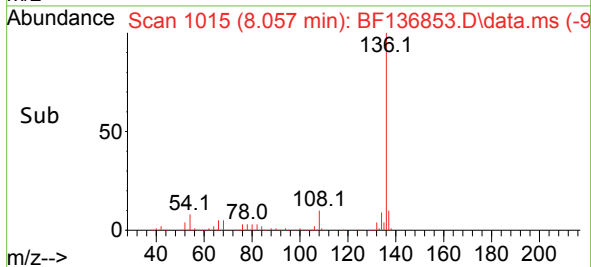
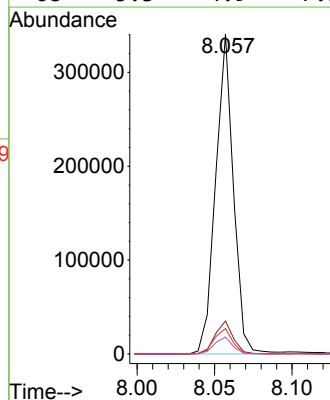
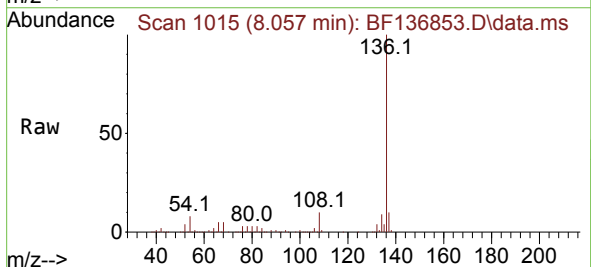
Instrument :
BNA_F
ClientSampleId :
MR-321-10-12

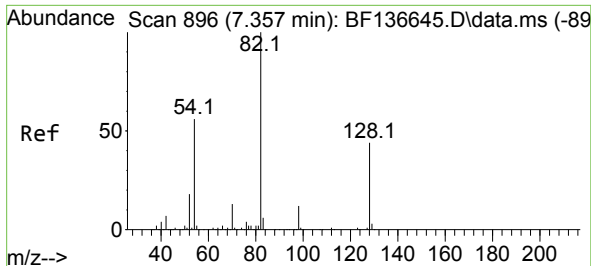
Tgt Ion: 99 Resp: 572873
Ion Ratio Lower Upper
99 100
42 19.3 16.1 24.1
71 32.8 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42

Tgt Ion: 136 Resp: 272327
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.4
54 7.9 7.2 10.8
68 5.3 4.9 7.3





#23

Nitrobenzene-d5

Concen: 78.869 ng

RT: 7.345 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF136853.D

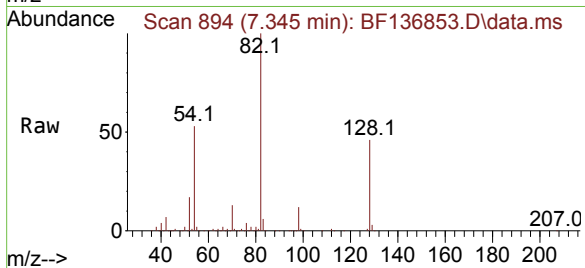
Acq: 30 Dec 2023 04:42

Instrument :

BNA_F

ClientSampleId :

MR-321-10-12



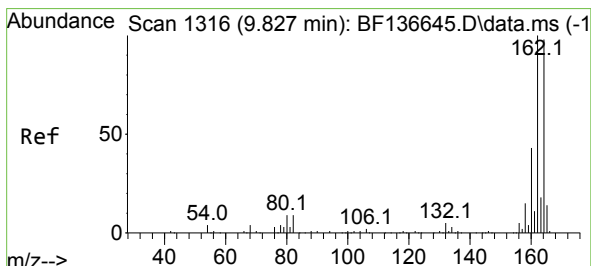
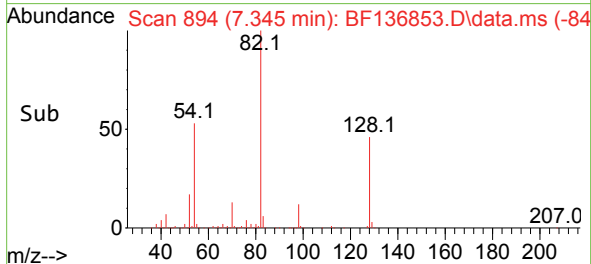
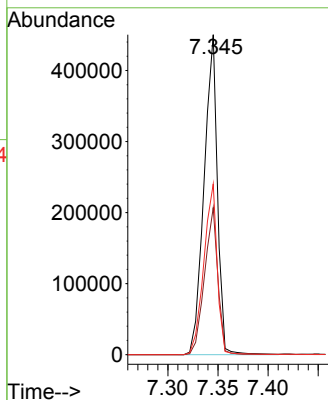
Tgt Ion: 82 Resp: 419735

Ion Ratio Lower Upper

82 100

128 45.9 35.3 52.9

54 53.4 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136853.D

Acq: 30 Dec 2023 04:42

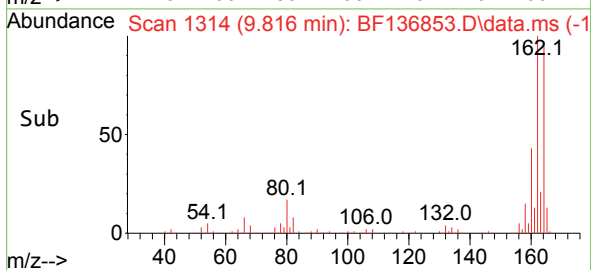
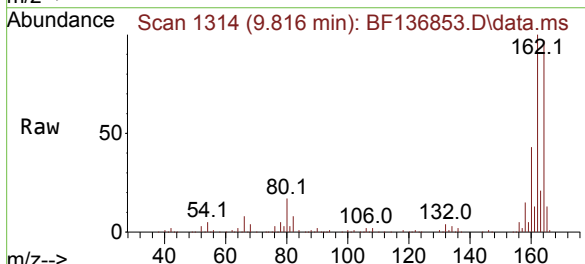
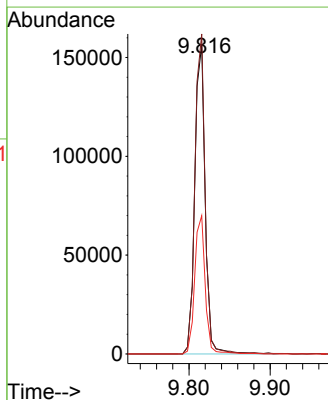
Tgt Ion: 164 Resp: 140236

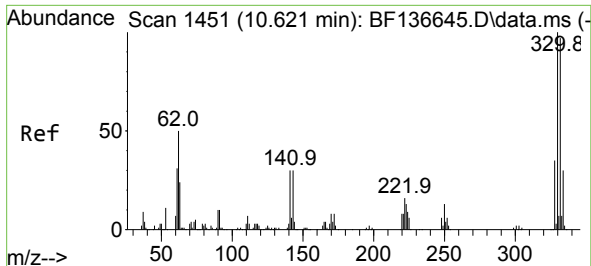
Ion Ratio Lower Upper

164 100

162 103.5 81.6 122.4

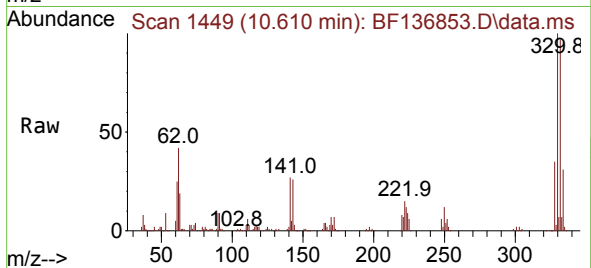
160 44.7 34.9 52.3



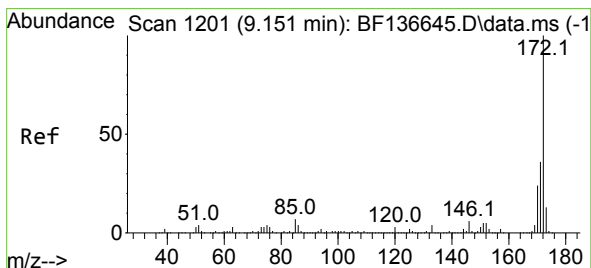
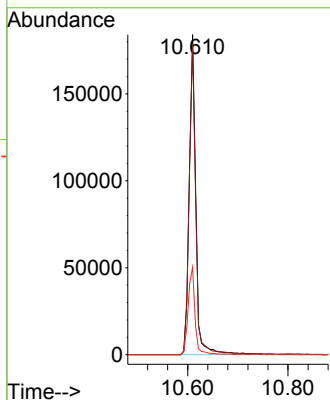
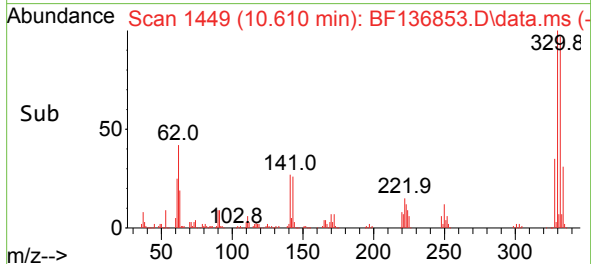


#42
2,4,6-Tribromophenol
Concen: 102.614 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42

Instrument :
BNA_F
ClientSampleId :
MR-321-10-12

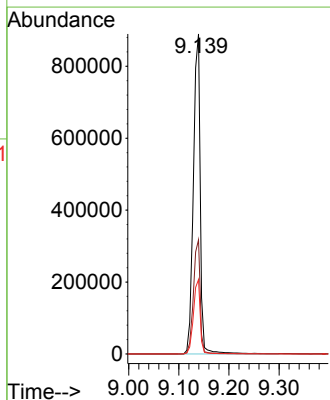
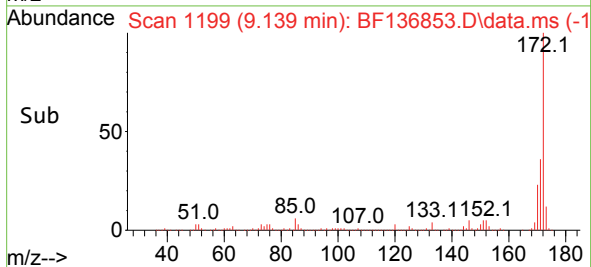
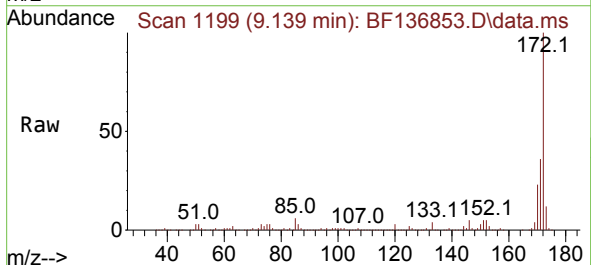


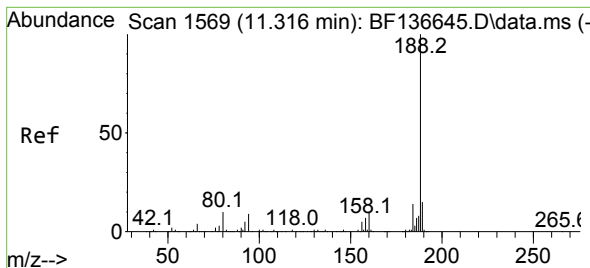
Tgt Ion:330 Resp: 169476
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 28.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 81.266 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42

Tgt Ion:172 Resp: 847330
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 23.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136853.D

Acq: 30 Dec 2023 04:42

Instrument :

BNA_F

ClientSampleId :

MR-321-10-12

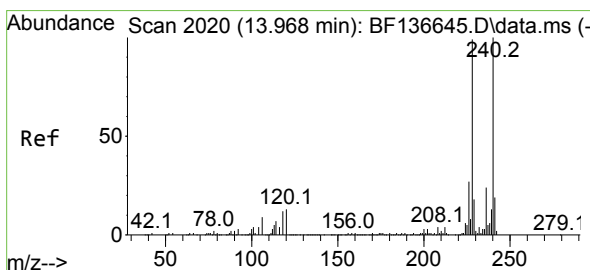
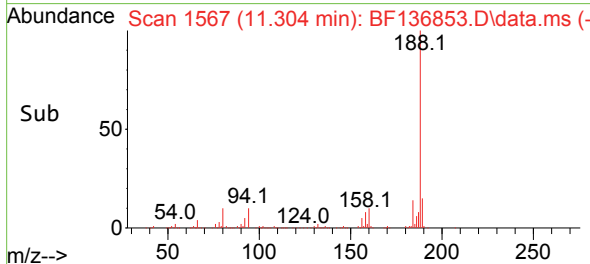
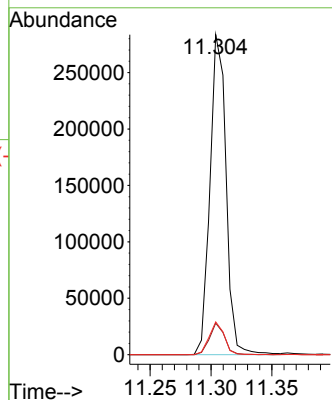
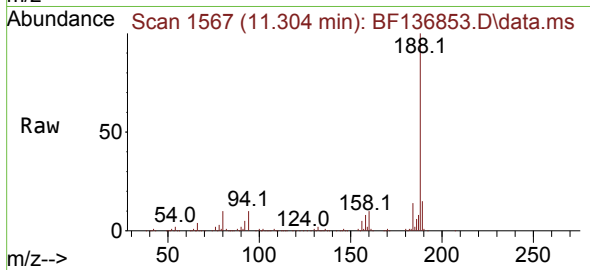
Tgt Ion:188 Resp: 261738

Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

80 10.2 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136853.D

Acq: 30 Dec 2023 04:42

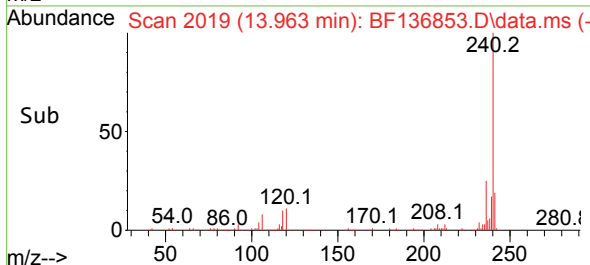
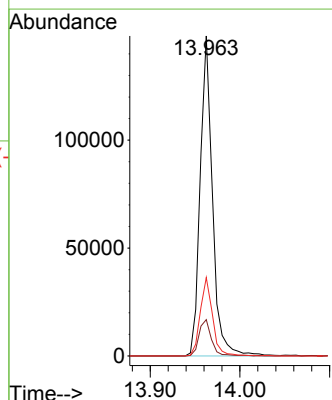
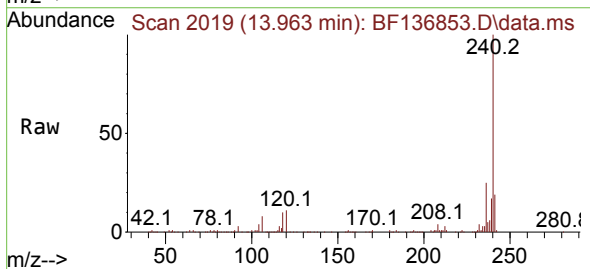
Tgt Ion:240 Resp: 141491

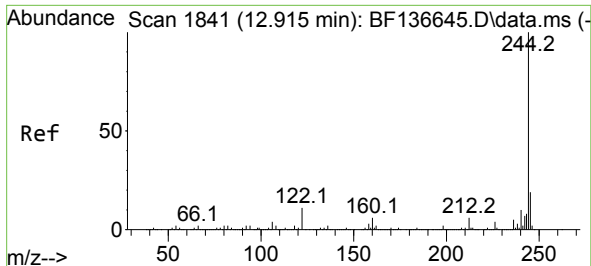
Ion Ratio Lower Upper

240 100

120 11.3 10.3 15.5

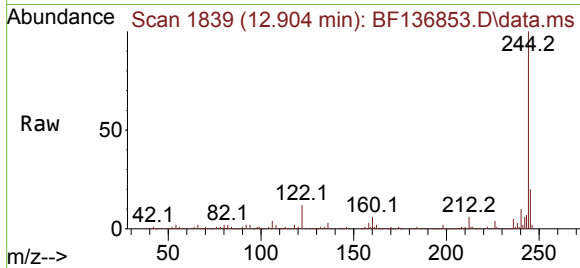
236 24.5 19.4 29.2



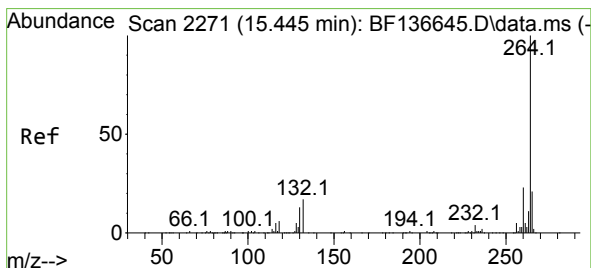
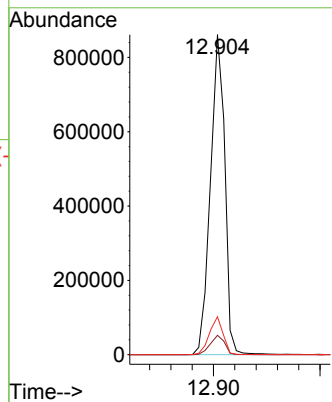
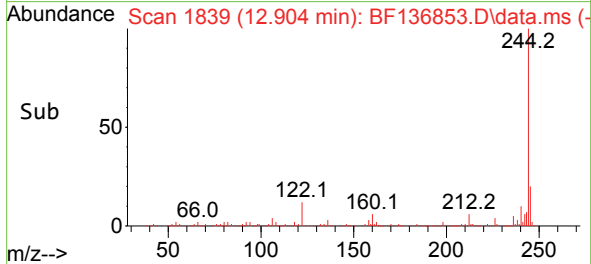


#79
Terphenyl-d14
Concen: 79.776 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42

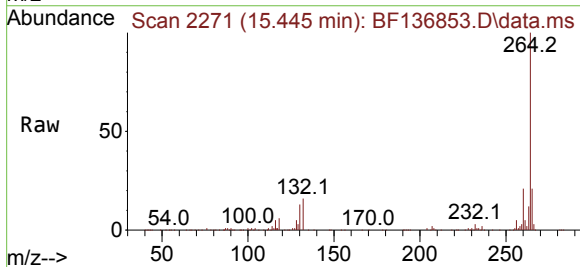
Instrument :
BNA_F
ClientSampleId :
MR-321-10-12



Tgt Ion:244 Resp: 807720
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.4
122 11.9 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136853.D
Acq: 30 Dec 2023 04:42



Tgt Ion:264 Resp: 147305
Ion Ratio Lower Upper
264 100
260 21.3 18.3 27.5
265 20.7 17.0 25.6

