

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136912.D
 Acq On : 03 Jan 2024 17:37
 Operator : CG\JU
 Sample : PB157954BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 01:56:32 2024
 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)

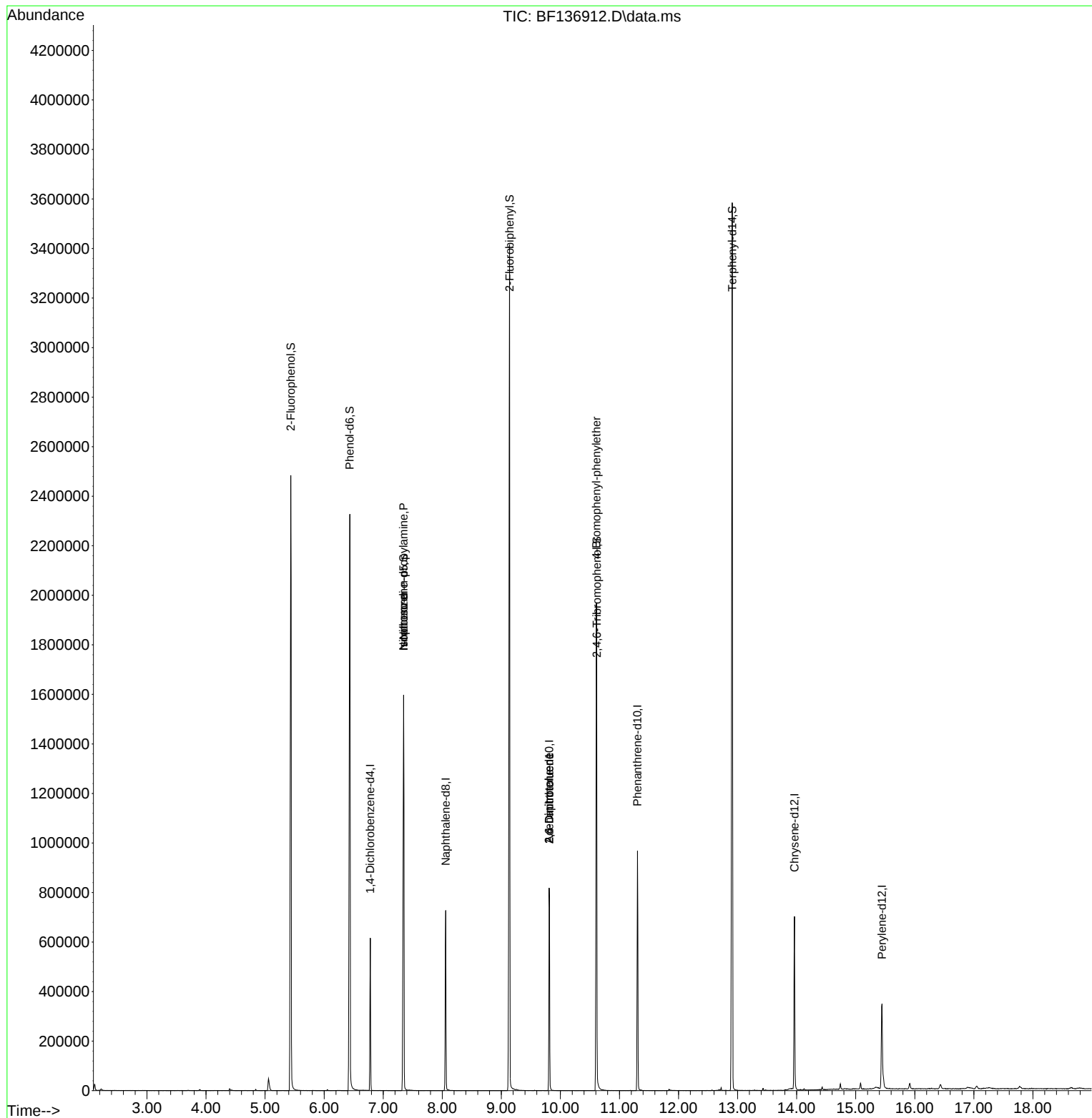
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	83817	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	329624	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	174749	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	354055	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	246581	20.000	ng	0.00
86) Perylene-d12	15.445	264	188957	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	779574	145.121	ng	0.00
7) Phenol-d6	6.434	99	972952	139.778	ng	0.00
23) Nitrobenzene-d5	7.345	82	615069	95.484	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	291263	141.523	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1203971	92.666	ng	-0.01
79) Terphenyl-d14	12.910	244	1461517	82.830	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	81164	19.235	ng	# 75
25) Isophorone	7.345	82	610845	52.115	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	21569	7.446	ng	# 30
57) 2,4-Dinitrotoluene	9.810	165	21569	5.735	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	17261	4.390	ng	# 1

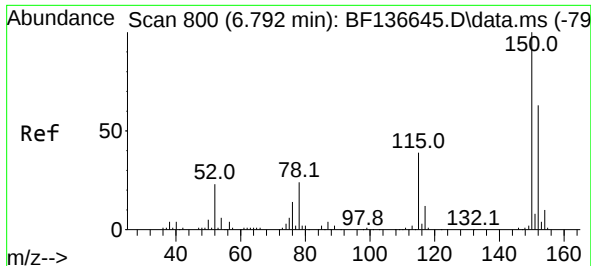
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136912.D
Acq On : 03 Jan 2024 17:37
Operator : CG\JU
Sample : PB157954BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

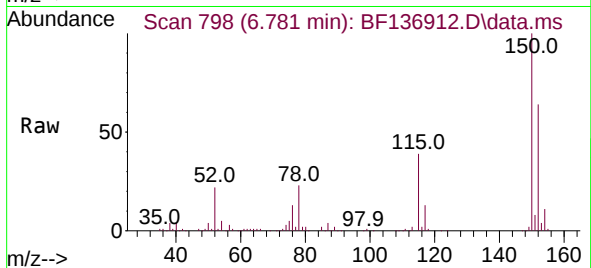
Quant Time: Jan 04 01:56:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration



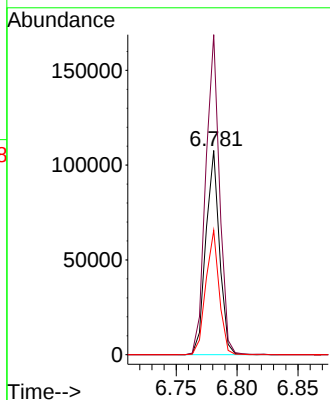
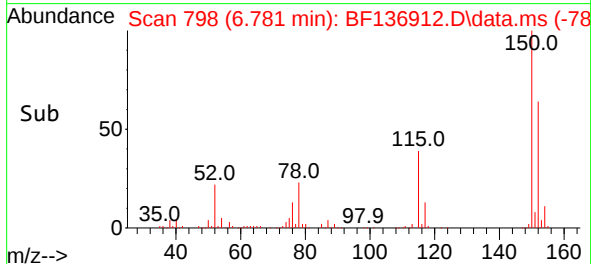


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136912.D
Acq: 03 Jan 2024 17:37

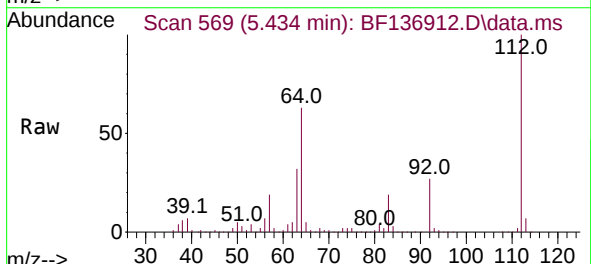
Instrument :
BNA_F
ClientSampleId :



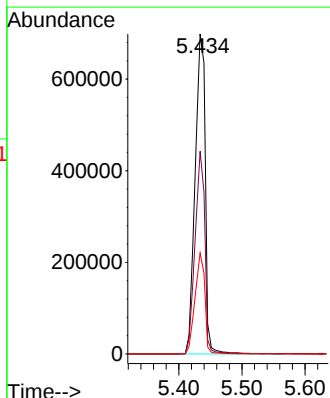
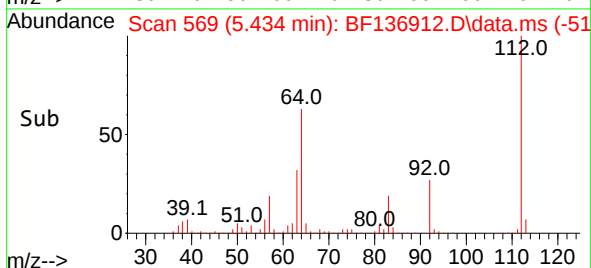
Tgt Ion:152 Resp: 83817
Ion Ratio Lower Upper
152 100
150 156.7 127.0 190.6
115 60.8 49.0 73.4

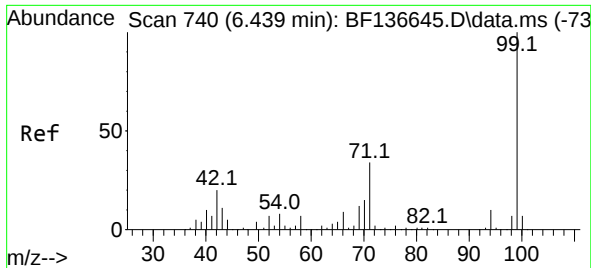


#5
2-Fluorophenol
Concen: 145.121 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136912.D
Acq: 03 Jan 2024 17:37



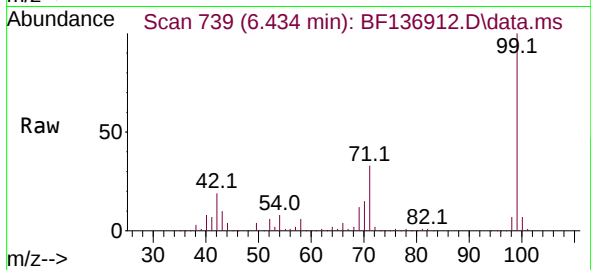
Tgt Ion:112 Resp: 779574
Ion Ratio Lower Upper
112 100
64 63.4 51.1 76.7
63 31.6 26.1 39.1



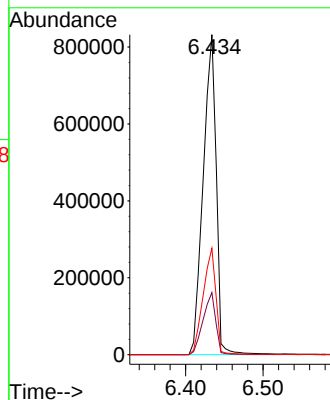
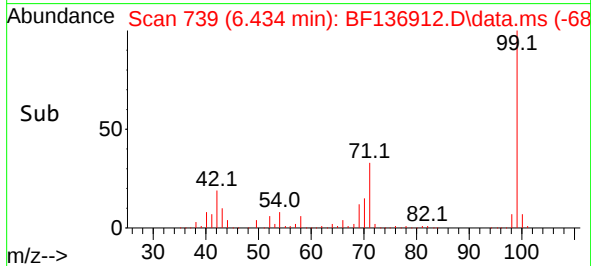


#7
Phenol-d6
Concen: 139.778 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136912.D
Acq: 03 Jan 2024 17:37

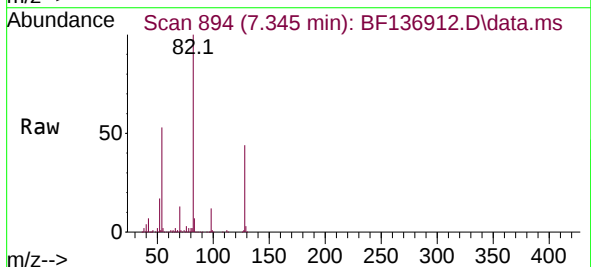
Instrument :
BNA_F
ClientSampleId :



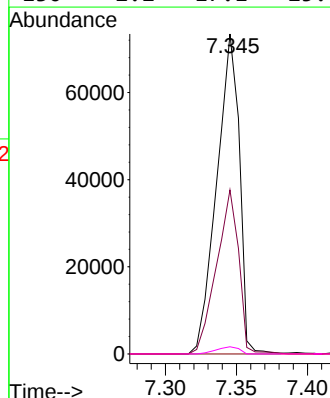
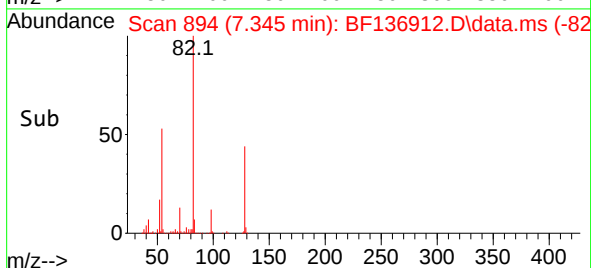
Tgt Ion: 99 Resp: 972952
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 33.3 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.235 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136912.D
Acq: 03 Jan 2024 17:37



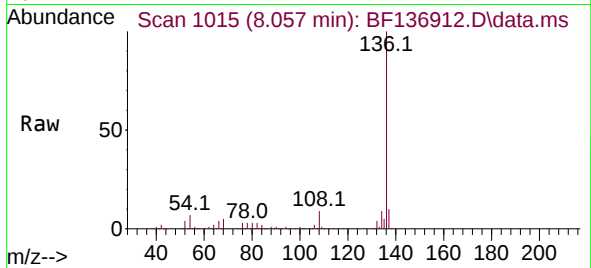
Tgt Ion: 70 Resp: 81164
Ion Ratio Lower Upper
70 100
42 51.2 54.2 81.4#
101 0.0 7.6 11.4#
130 2.2 17.1 25.7#



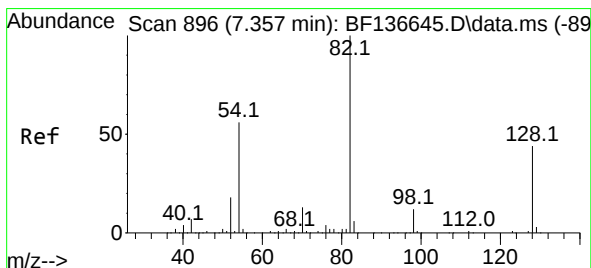
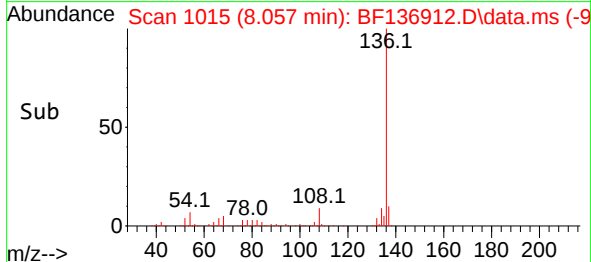
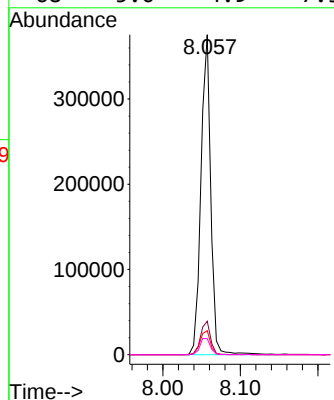


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136912.D
Acq: 03 Jan 2024 17:37

Instrument :
BNA_F
ClientSampleId :

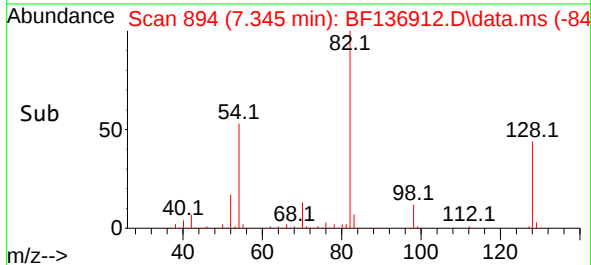
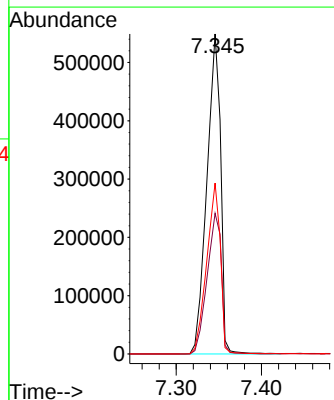
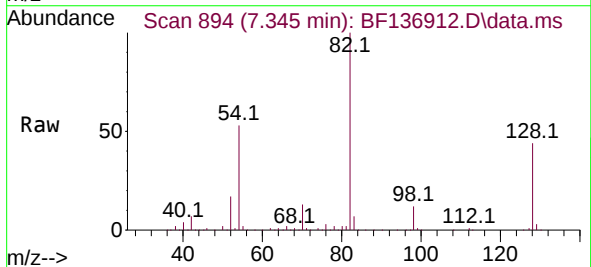


Tgt Ion:	136	Resp:	329624
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	7.5	7.2	10.8
68	5.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 95.484 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136912.D
Acq: 03 Jan 2024 17:37

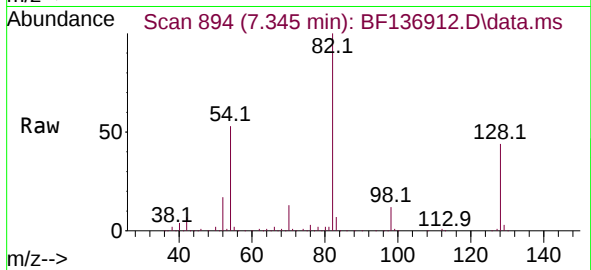
Tgt Ion:	82	Resp:	615069
Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.3	52.9
54	53.4	44.5	66.7



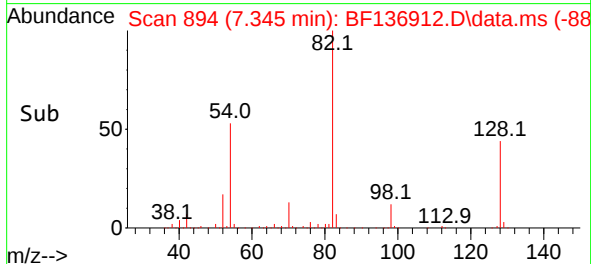
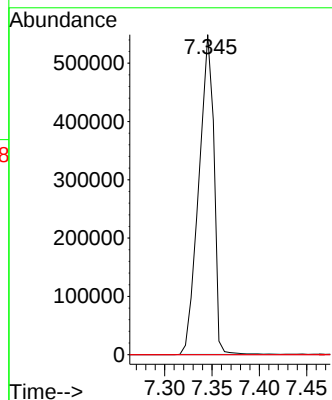


#25
Isophorone
Concen: 52.115 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF136912.D
Acq: 03 Jan 2024 17:37

Instrument :
BNA_F
ClientSampleId :

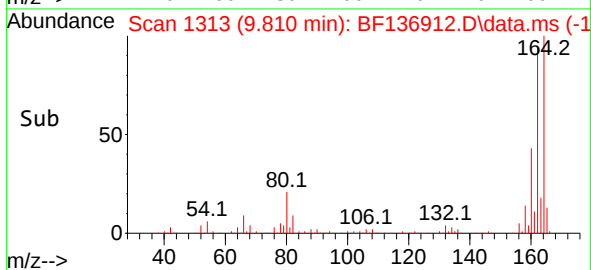
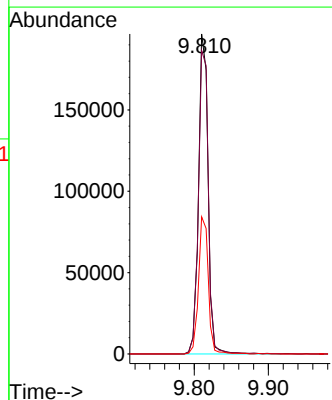
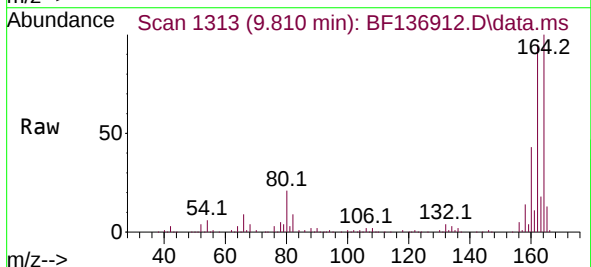


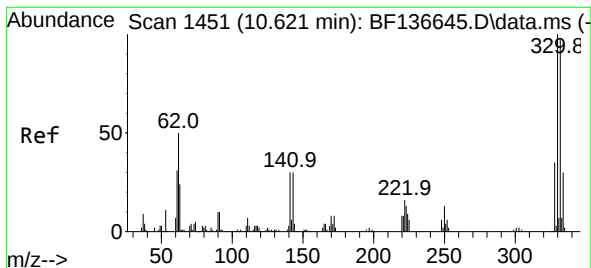
Tgt Ion: 82 Resp: 610845
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.017 min
Lab File: BF136912.D
Acq: 03 Jan 2024 17:37

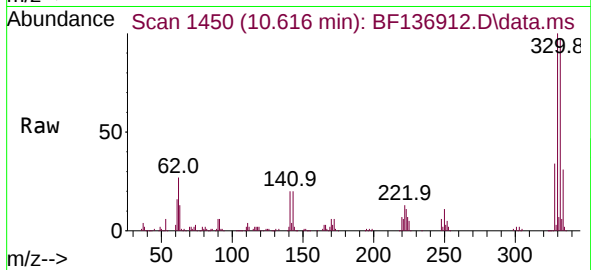
Tgt Ion:164 Resp: 174749
Ion Ratio Lower Upper
164 100
162 94.9 81.6 122.4
160 42.8 34.9 52.3



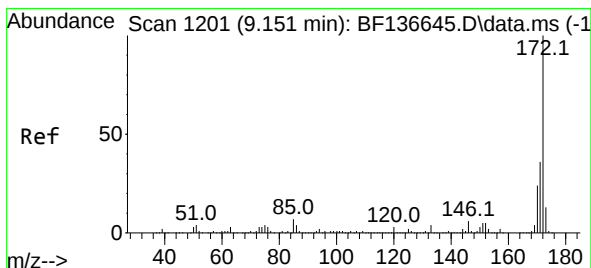
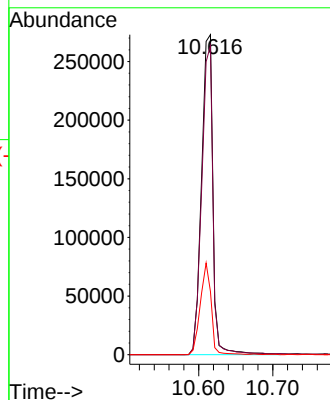
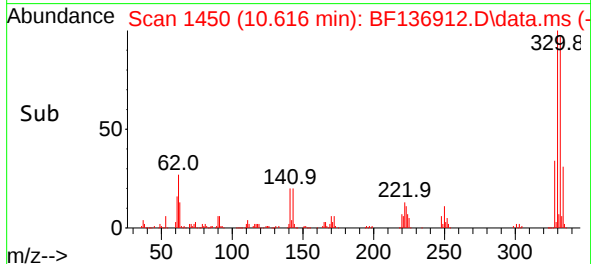


#42
2,4,6-Tribromophenol
Concen: 141.523 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF136912.D
Acq: 03 Jan 2024 17:37

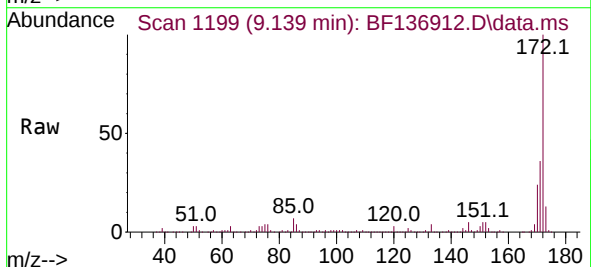
Instrument :
BNA_F
ClientSampleId :



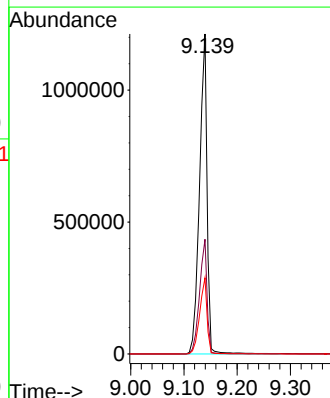
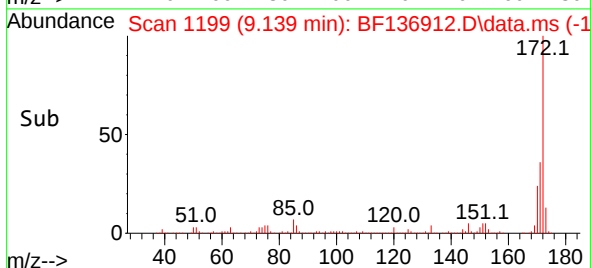
Tgt Ion: 330 Resp: 291263
Ion Ratio Lower Upper
330 100
332 95.0 77.4 116.0
141 27.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 92.666 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136912.D
Acq: 03 Jan 2024 17:37



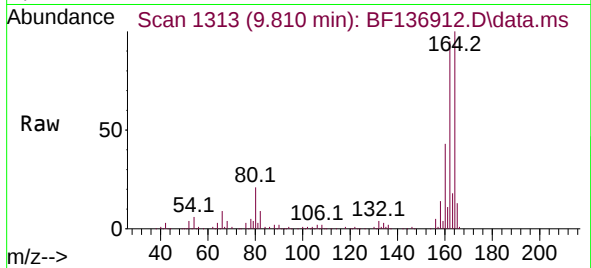
Tgt Ion: 172 Resp: 1203971
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.8 19.0 28.4



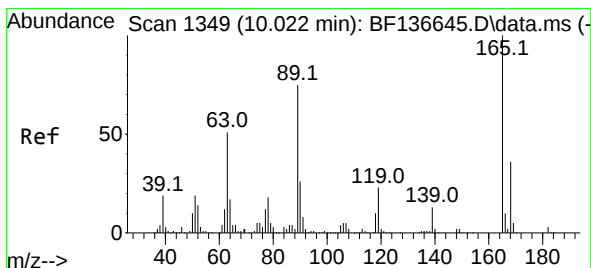
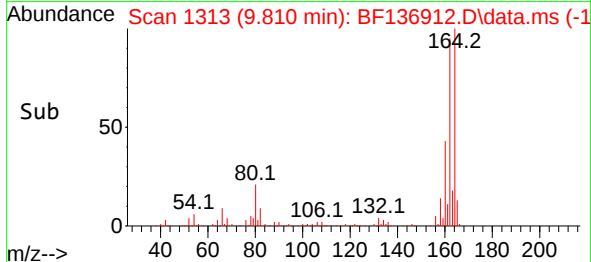
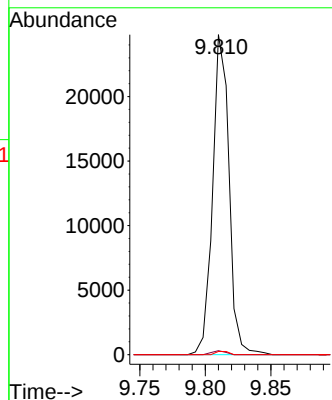


#51
2,6-Dinitrotoluene
Concen: 7.446 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.188 min
Lab File: BF136912.D
Acq: 03 Jan 2024 17:37

Instrument :
BNA_F
ClientSampleId :

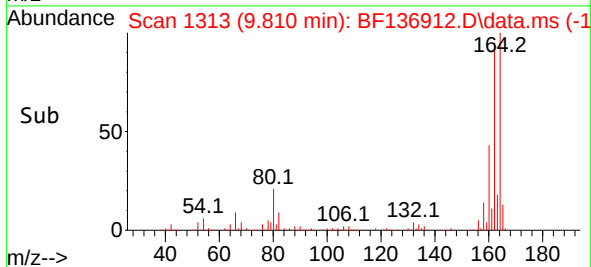
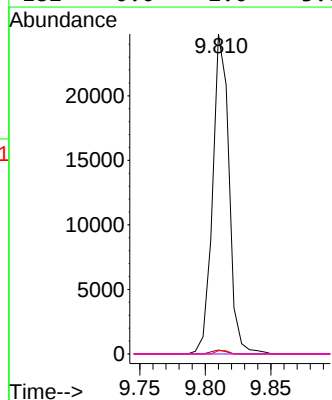
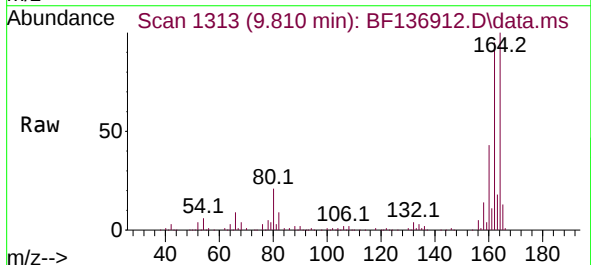


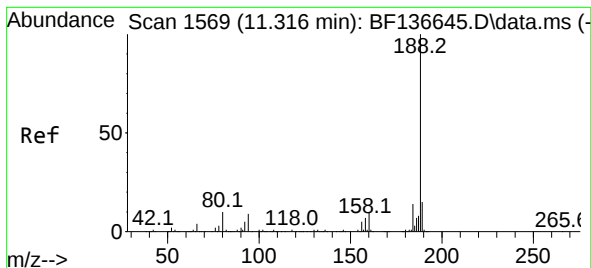
Tgt Ion:165 Resp: 21569
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.0 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 5.735 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.212 min
Lab File: BF136912.D
Acq: 03 Jan 2024 17:37

Tgt Ion:165 Resp: 21569
Ion Ratio Lower Upper
165 100
63 1.2 41.0 61.6#
89 1.0 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136912.D

Acq: 03 Jan 2024 17:37

Instrument :

BNA_F

ClientSampleId :

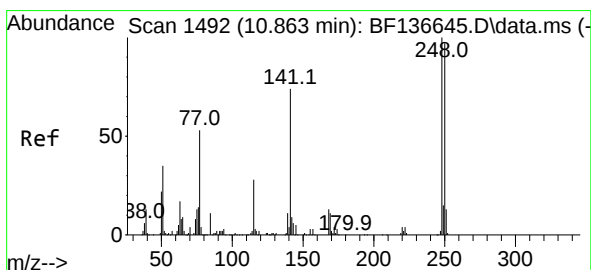
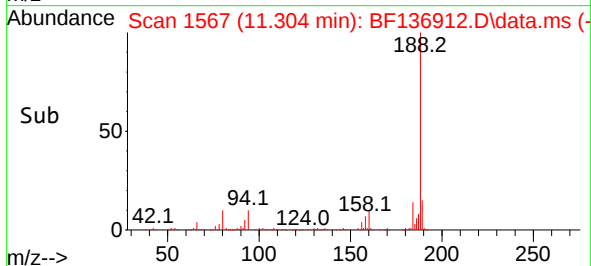
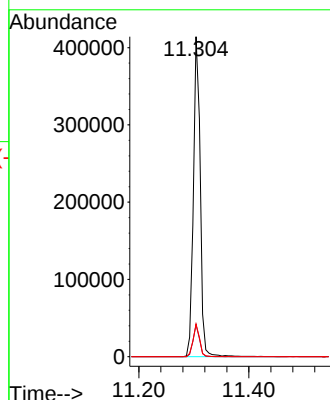
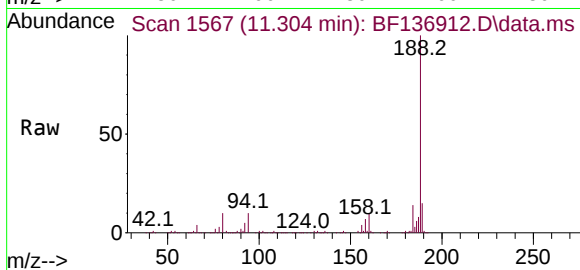
Tgt Ion:188 Resp: 354055

Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

80 10.1 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 4.390 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.253 min

Lab File: BF136912.D

Acq: 03 Jan 2024 17:37

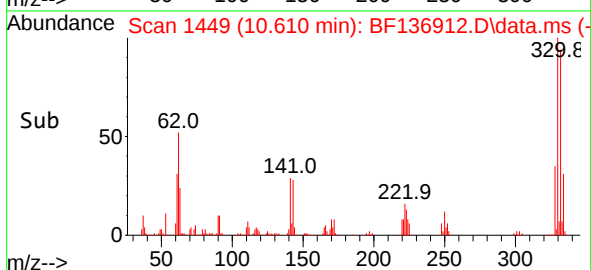
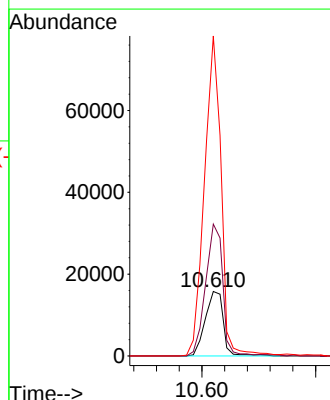
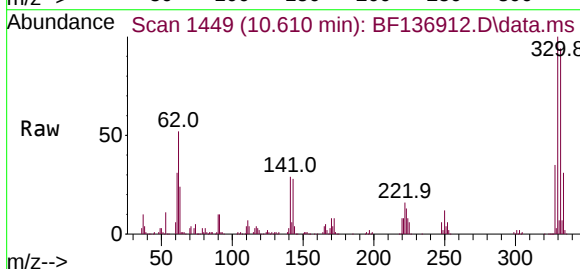
Tgt Ion:248 Resp: 17261

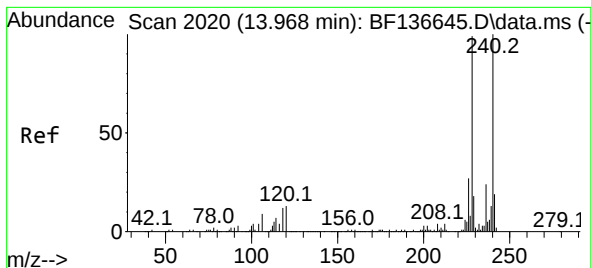
Ion Ratio Lower Upper

248 100

250 204.3 77.8 116.6#

141 495.9 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.006 min

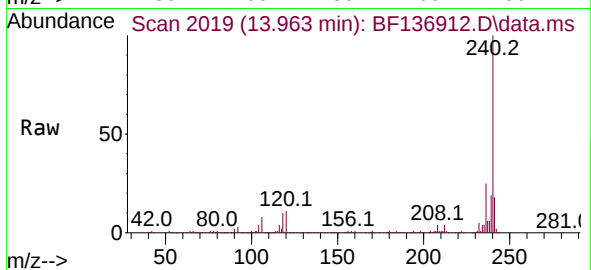
Lab File: BF136912.D

Acq: 03 Jan 2024 17:37

Instrument :

BNA_F

ClientSampleId :



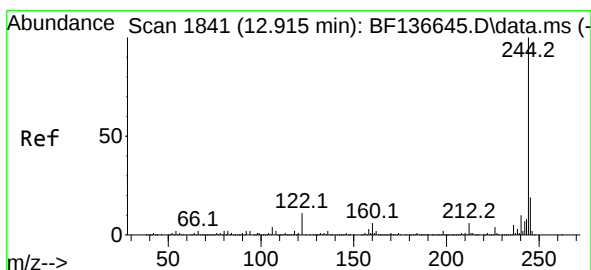
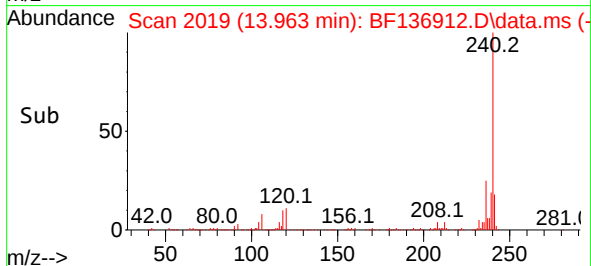
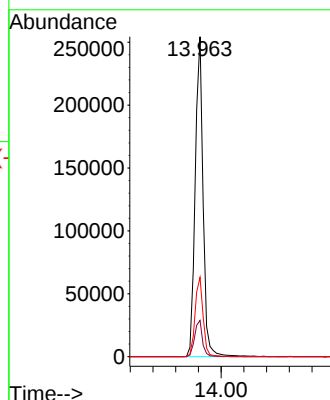
Tgt Ion:240 Resp: 246581

Ion Ratio Lower Upper

240 100

120 11.3 10.3 15.5

236 24.8 19.4 29.2



#79

Terphenyl-d14

Concen: 82.830 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF136912.D

Acq: 03 Jan 2024 17:37

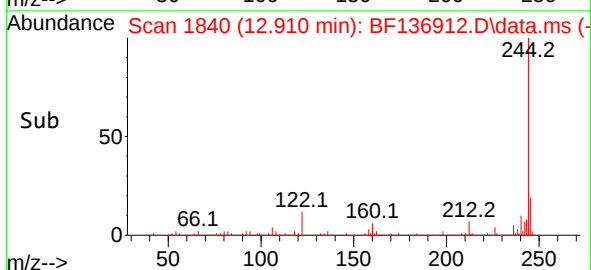
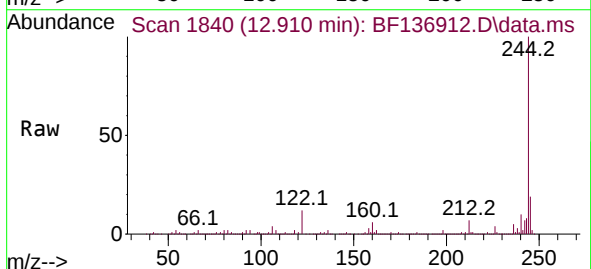
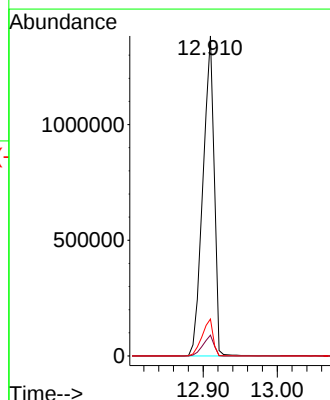
Tgt Ion:244 Resp: 1461517

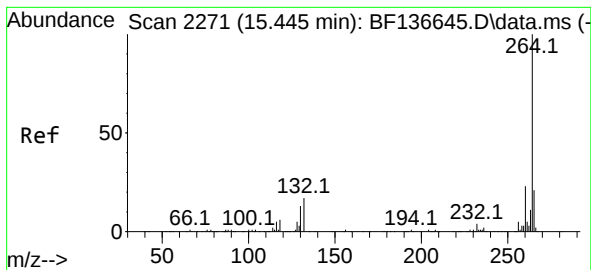
Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

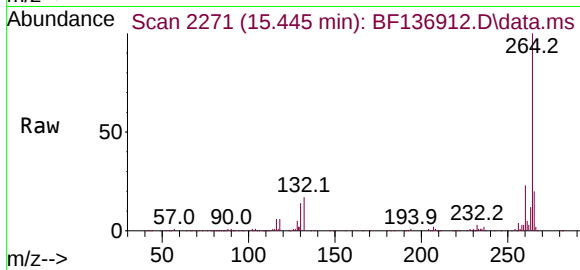
122 11.6 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF136912.D
 Acq: 03 Jan 2024 17:37

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 188957
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.3 27.5
 265 20.1 17.0 25.6

