

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136112.D
 Acq On : 02 Nov 2023 23:38
 Operator : CG\JU
 Sample : 05049-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B5

Quant Time: Nov 03 00:03:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

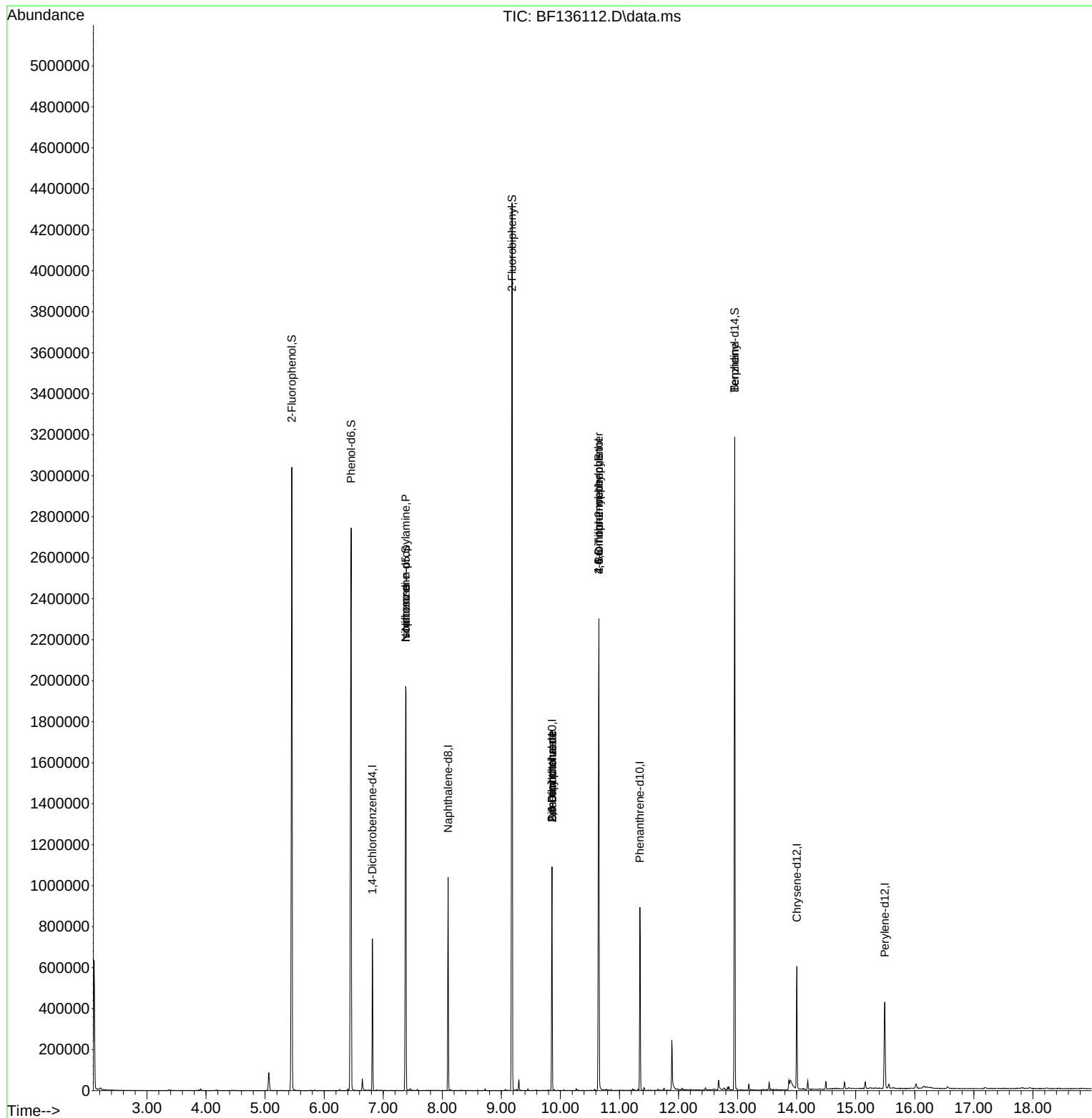
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	99856	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	394765	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	197718	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	322133	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	191857	20.000	ng	-0.01
86) Perylene-d12	15.492	264	193665	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	965538	151.944	ng	0.00
7) Phenol-d6	6.457	99	1112685	140.537	ng	0.00
23) Nitrobenzene-d5	7.381	82	706385	107.868	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	290019	137.424	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1285273	103.625	ng	0.00
79) Terphenyl-d14	12.951	244	1078290	87.341	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	93870	20.750	ng	# 80
25) Isophorone	7.381	82	706376	57.136	ng	# 64
50) Dimethylphthalate	9.857	163	40123	3.077	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	25335	9.083	ng	# 28
57) 2,4-Dinitrotoluene	9.857	165	25335	7.179	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.651	198	648	6.113	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	18200	5.389	ng	# 1
77) Benzidine	12.951	184	13976	3.737	ng	# 93

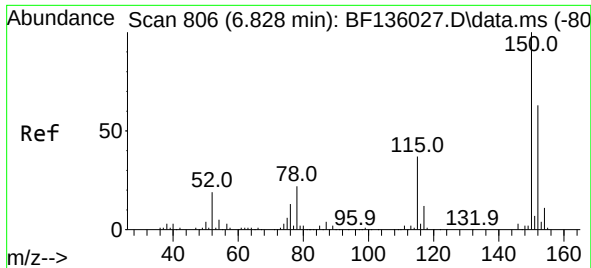
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 31 01:13:02 2023
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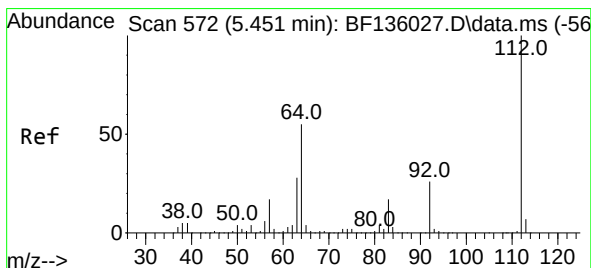
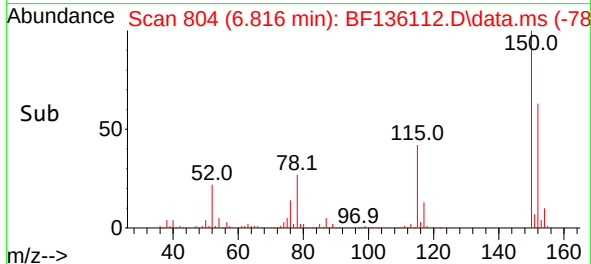
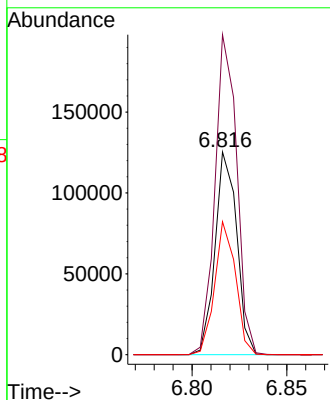
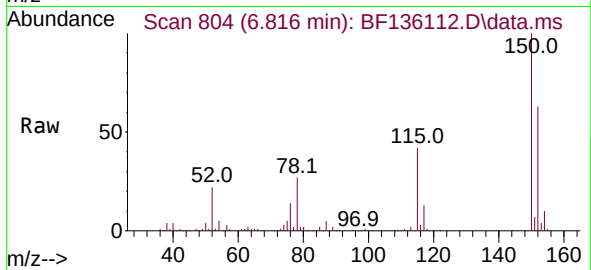




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 806
 Delta R.T. -0.012 min
 Lab File: BF136112.D
 Acq: 02 Nov 2023 23:38

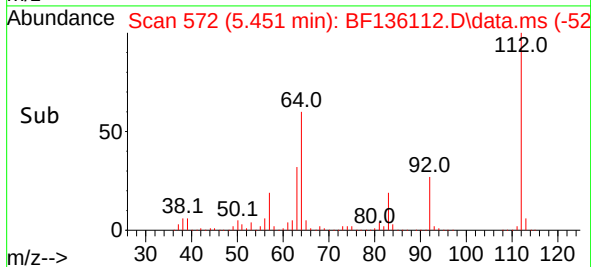
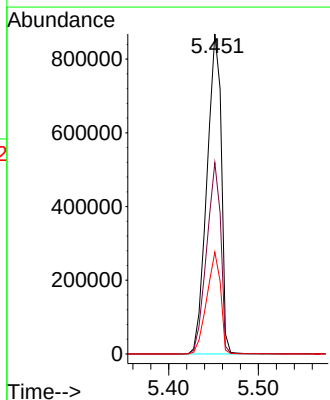
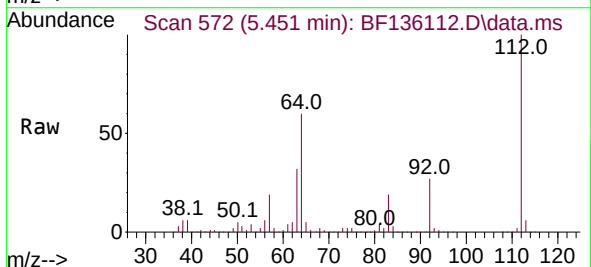
Instrument :
 BNA_F
 ClientSampleId :
 B5

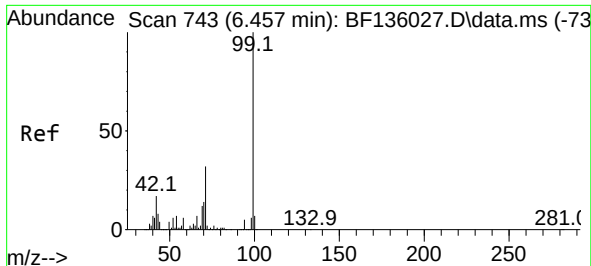
Tgt Ion:152 Resp: 99856
 Ion Ratio Lower Upper
 152 100
 150 157.8 126.4 189.6
 115 65.5 47.0 70.4



#5
 2-Fluorophenol
 Concen: 151.944 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.000 min
 Lab File: BF136112.D
 Acq: 02 Nov 2023 23:38

Tgt Ion:112 Resp: 965538
 Ion Ratio Lower Upper
 112 100
 64 59.8 43.9 65.9
 63 31.8 22.4 33.6

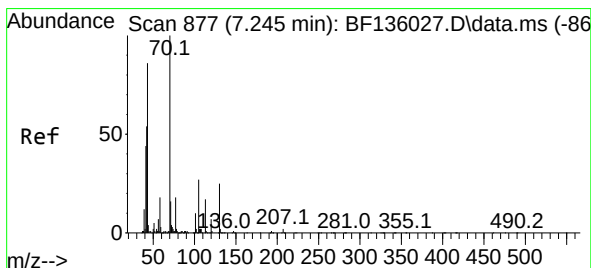
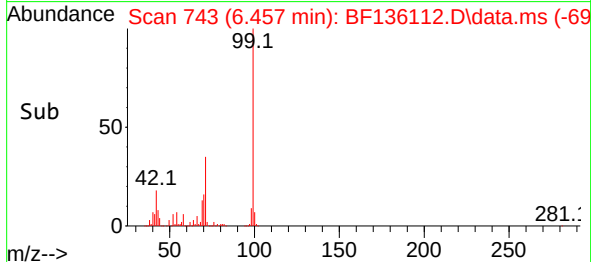
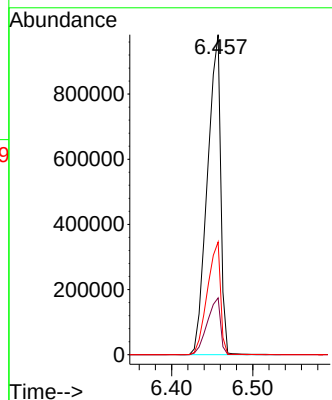
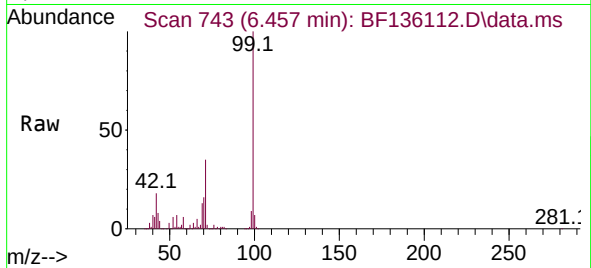




#7
Phenol-d6
Concen: 140.537 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136112.D
Acq: 02 Nov 2023 23:38

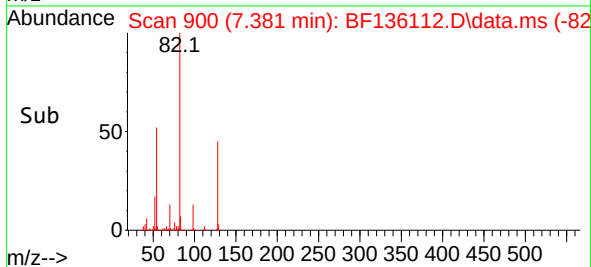
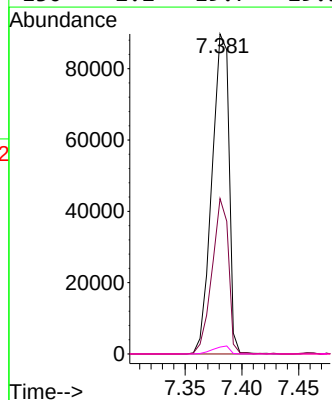
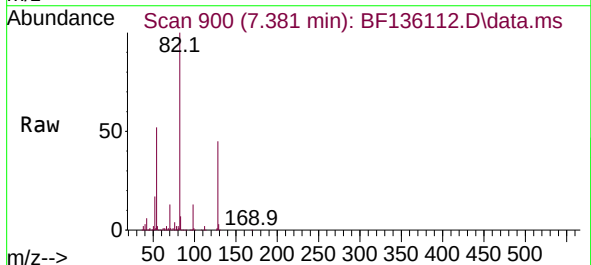
Instrument :
BNA_F
ClientSampleId :
B5

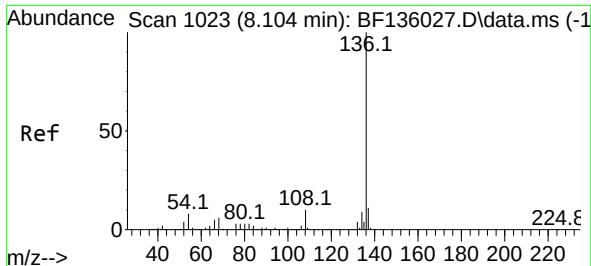
Tgt Ion: 99 Resp: 1112685
Ion Ratio Lower Upper
99 100
42 17.8 13.7 20.5
71 35.2 25.9 38.9



#19
n-Nitroso-di-n-propylamine
Concen: 20.750 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.135 min
Lab File: BF136112.D
Acq: 02 Nov 2023 23:38

Tgt Ion: 70 Resp: 93870
Ion Ratio Lower Upper
70 100
42 48.6 43.0 64.4
101 0.0 8.0 12.0#
130 2.2 19.7 29.5#

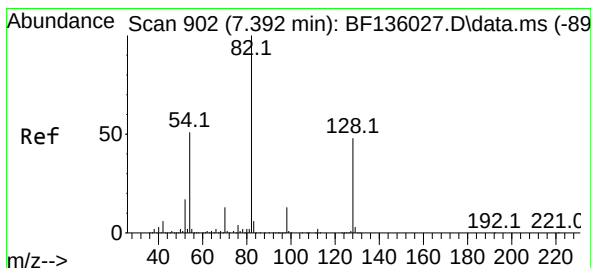
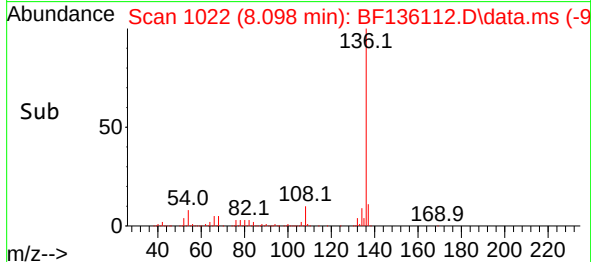
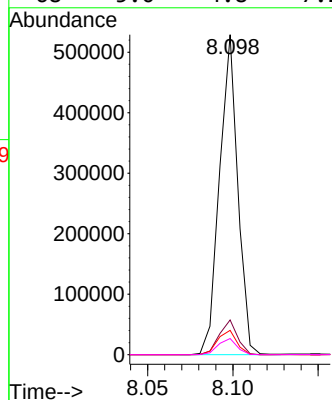
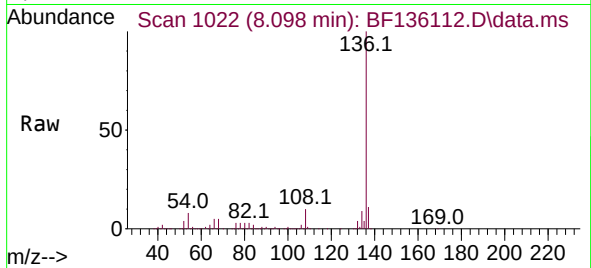




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136112.D
Acq: 02 Nov 2023 23:38

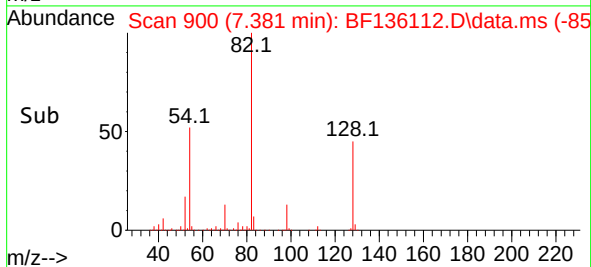
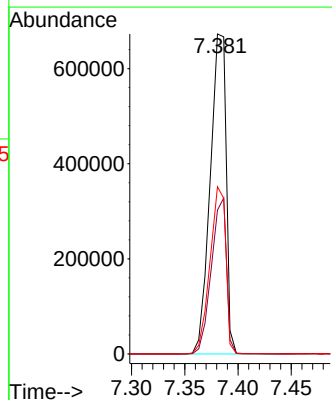
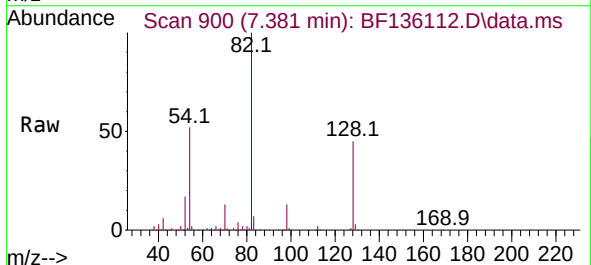
Instrument :
BNA_F
ClientSampleId :
B5

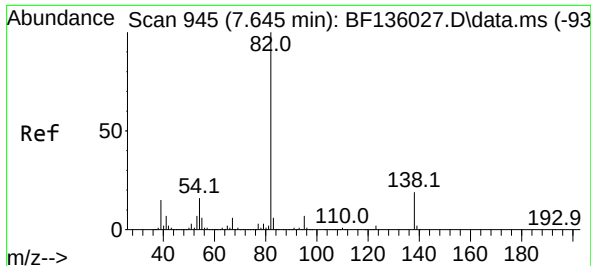
Tgt Ion:	136	Resp:	394765
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.6	6.6	9.8
68	5.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 107.868 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF136112.D
Acq: 02 Nov 2023 23:38

Tgt Ion:	82	Resp:	706385
Ion	Ratio	Lower	Upper
82	100		
128	44.9	38.6	57.8
54	52.3	40.8	61.2

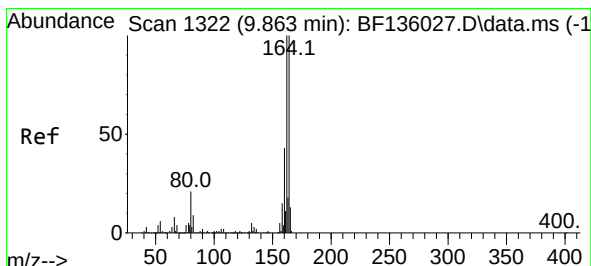
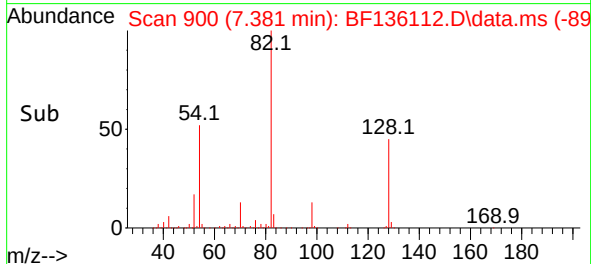
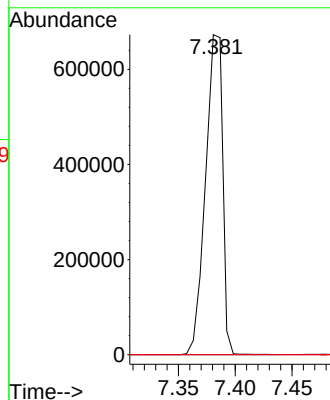
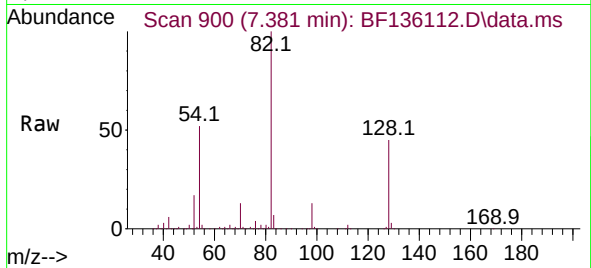




#25
Isophorone
Concen: 57.136 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.264 min
Lab File: BF136112.D
Acq: 02 Nov 2023 23:38

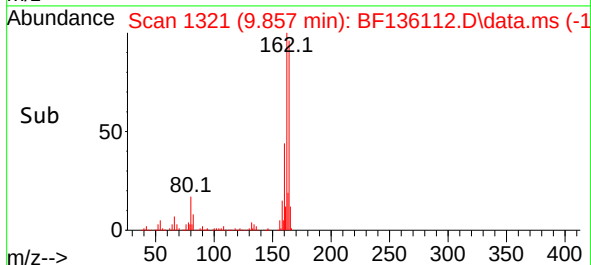
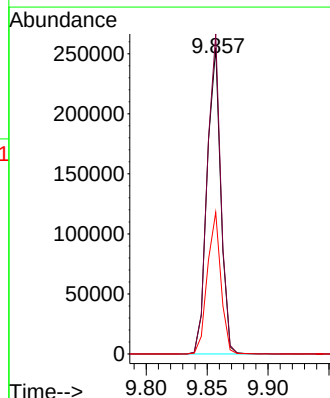
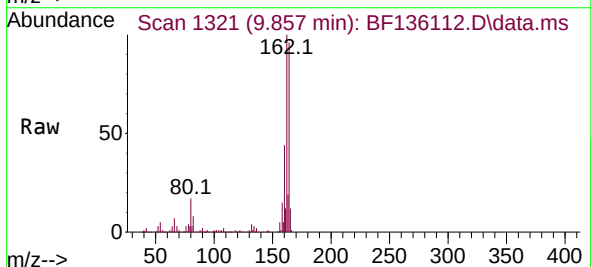
Instrument :
BNA_F
ClientSampleId :
B5

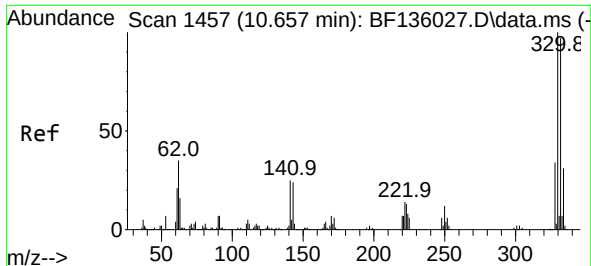
Tgt Ion: 82 Resp: 706376
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136112.D
Acq: 02 Nov 2023 23:38

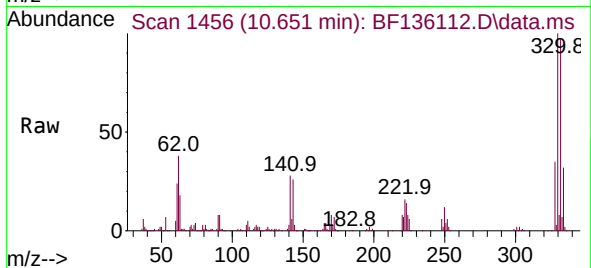
Tgt Ion:164 Resp: 197718
Ion Ratio Lower Upper
164 100
162 104.5 80.1 120.1
160 46.2 34.8 52.2



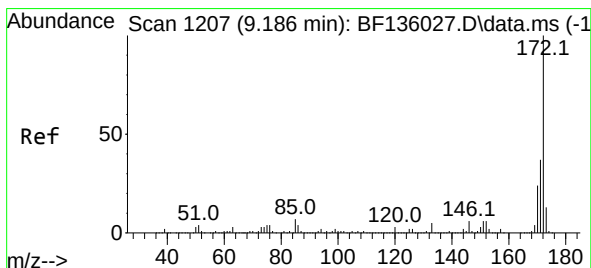
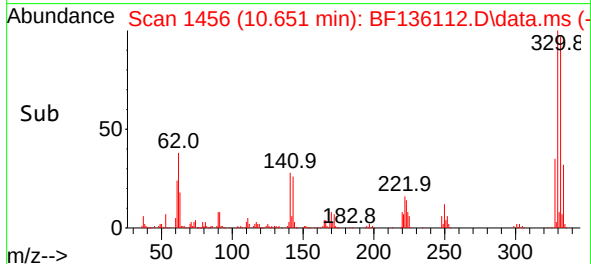
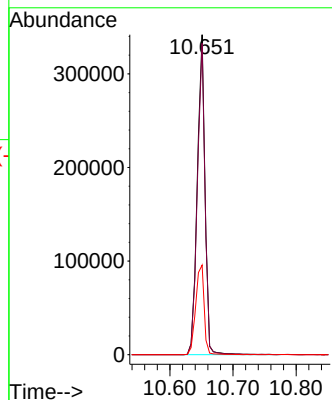


#42
2,4,6-Tribromophenol
Concen: 137.424 ng
RT: 10.651 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF136112.D
Acq: 02 Nov 2023 23:38

Instrument :
BNA_F
ClientSampleId :
B5

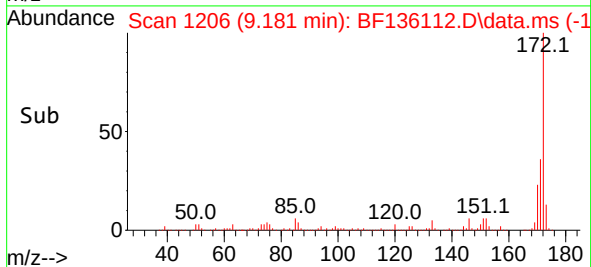
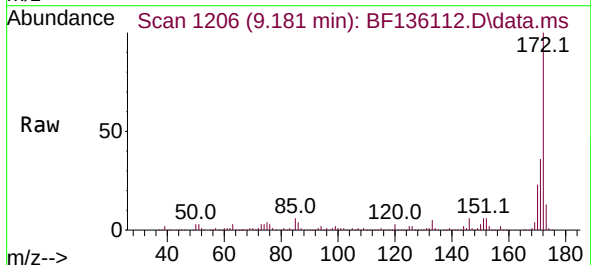
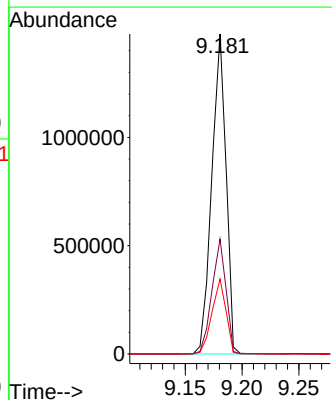


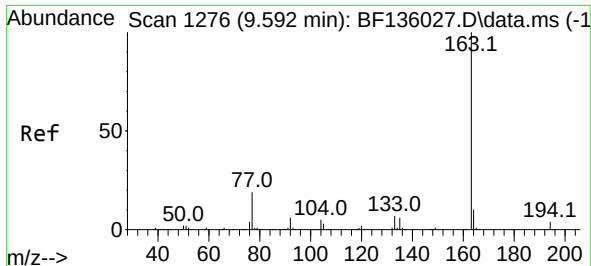
Tgt Ion:330 Resp: 290019
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 30.8 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 103.625 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF136112.D
Acq: 02 Nov 2023 23:38

Tgt Ion:172 Resp: 1285273
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 23.4 19.3 28.9

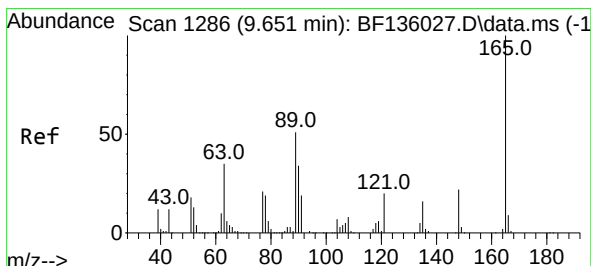
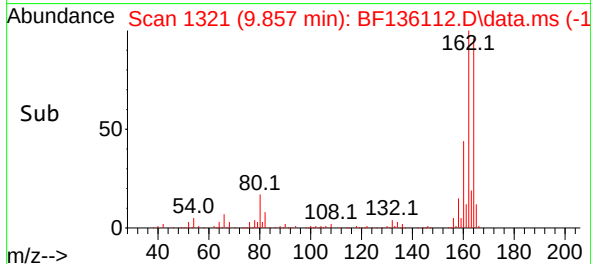
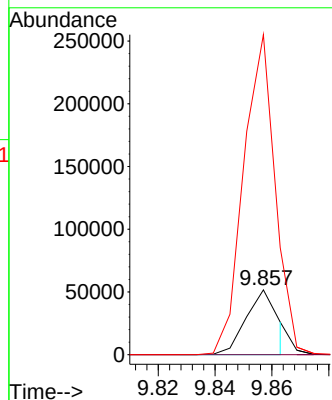
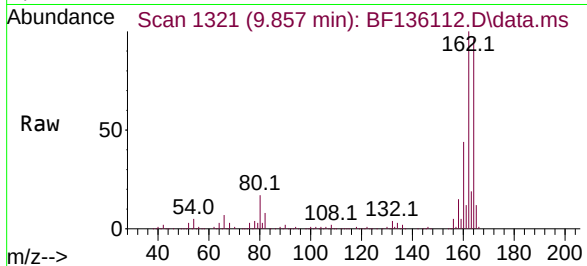




#50
Dimethylphthalate
Concen: 3.077 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.265 min
Lab File: BF136112.D
Acq: 02 Nov 2023 23:38

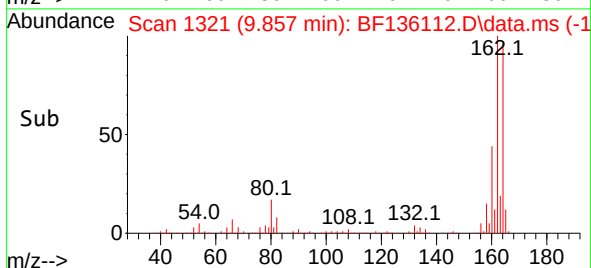
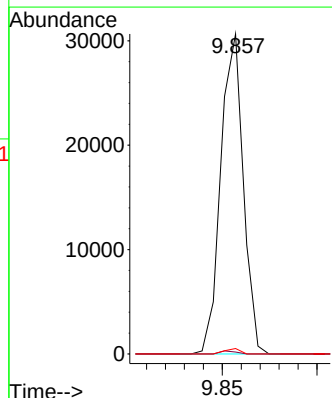
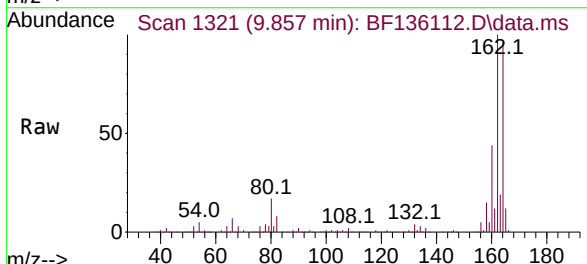
Instrument :
BNA_F
ClientSampleId :
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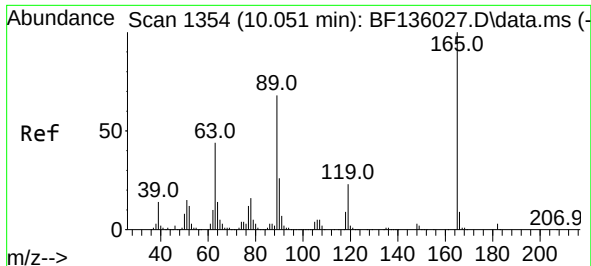
Tgt Ion:163 Resp: 40123
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 493.2 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 9.083 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.206 min
Lab File: BF136112.D
Acq: 02 Nov 2023 23:38

Tgt Ion:165 Resp: 25335
Ion Ratio Lower Upper
165 100
63 0.6 40.8 61.2#
89 1.7 41.1 61.7#

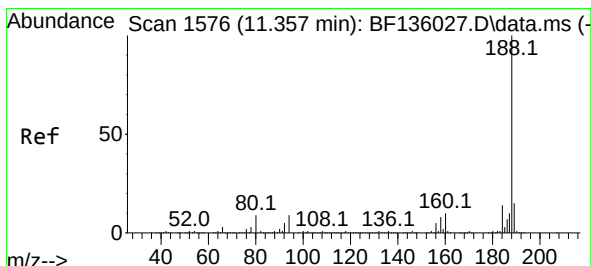
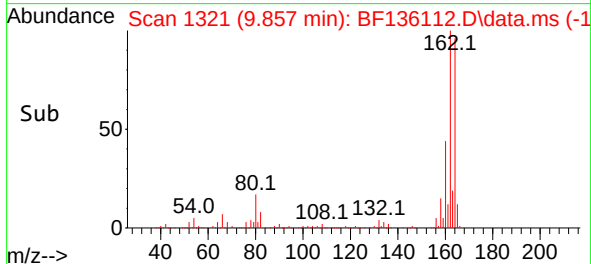
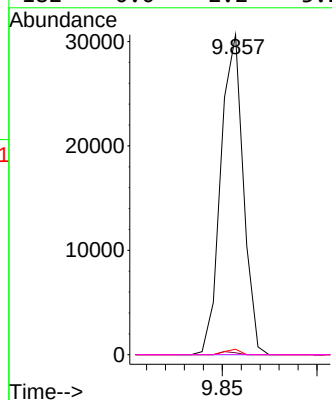
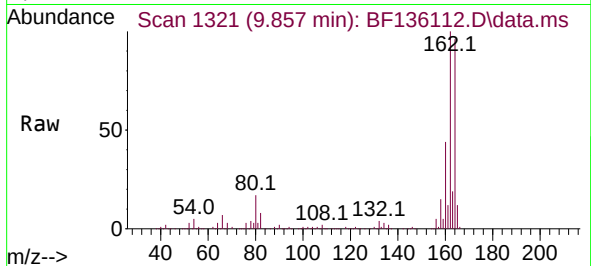




#57
2,4-Dinitrotoluene
Concen: 7.179 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF136112.D
Acq: 02 Nov 2023 23:38

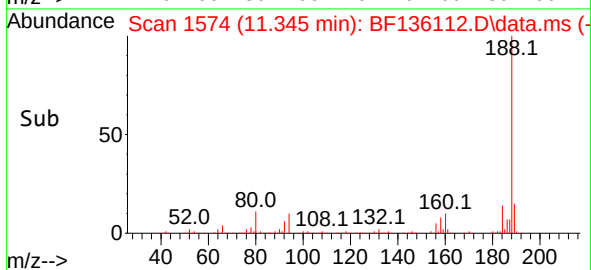
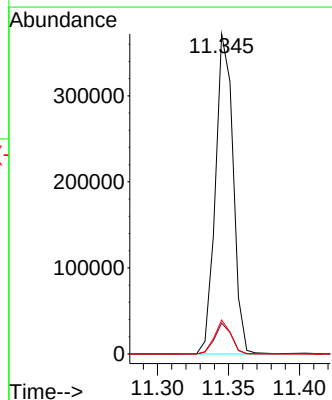
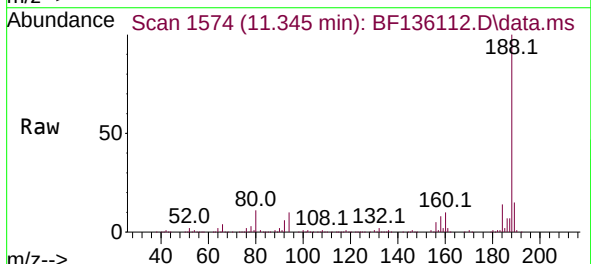
Instrument :
BNA_F
ClientSampleId :
B5

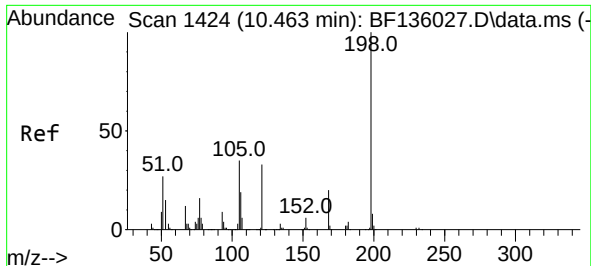
Tgt Ion:165 Resp: 25335
Ion Ratio Lower Upper
165 100
63 0.6 35.2 52.8#
89 1.7 54.8 82.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.012 min
Lab File: BF136112.D
Acq: 02 Nov 2023 23:38

Tgt Ion:188 Resp: 322133
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 10.6 7.4 11.0

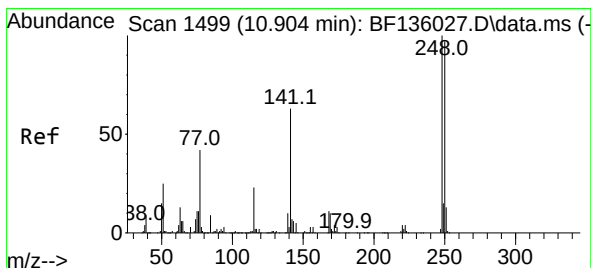
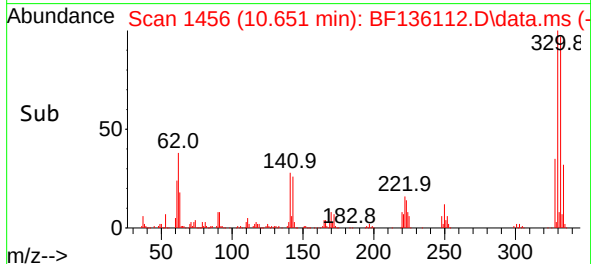
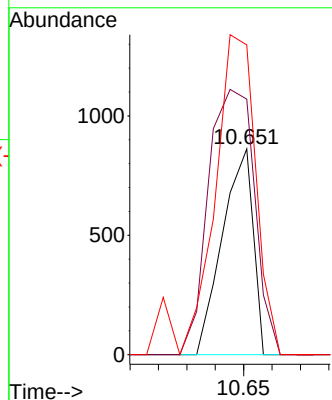
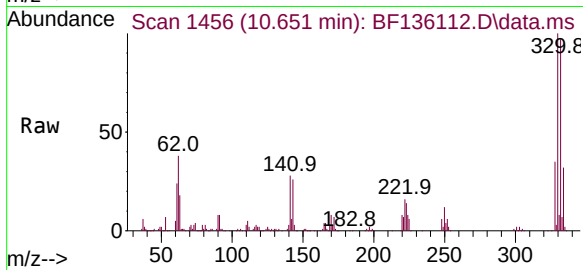




#65
4,6-Dinitro-2-methylphenol
Concen: 6.113 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.188 min
Lab File: BF136112.D
Acq: 02 Nov 2023 23:38

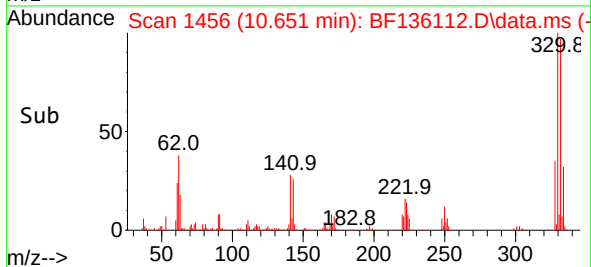
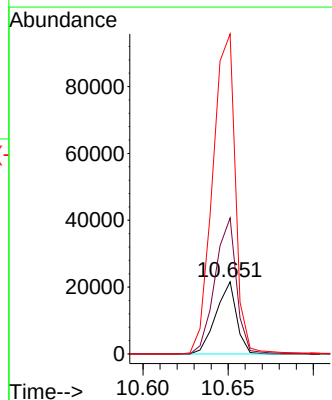
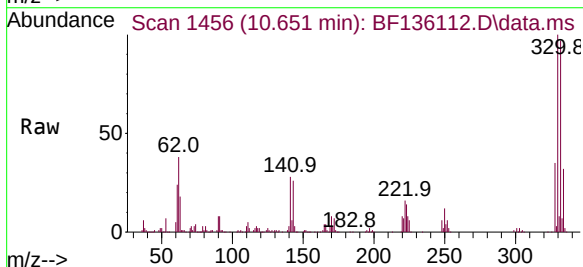
Instrument :
BNA_F
ClientSampleId :
B5

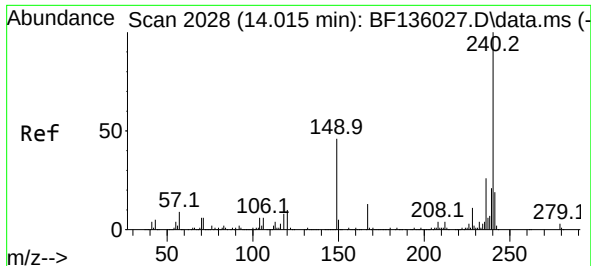
Tgt Ion:198 Resp: 648
Ion Ratio Lower Upper
198 100
51 124.1 12.9 52.9#
105 150.5 16.0 56.0#



#67
4-Bromophenyl-phenylether
Concen: 5.389 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.253 min
Lab File: BF136112.D
Acq: 02 Nov 2023 23:38

Tgt Ion:248 Resp: 18200
Ion Ratio Lower Upper
248 100
250 188.2 77.6 116.4#
141 443.1 50.4 75.6#

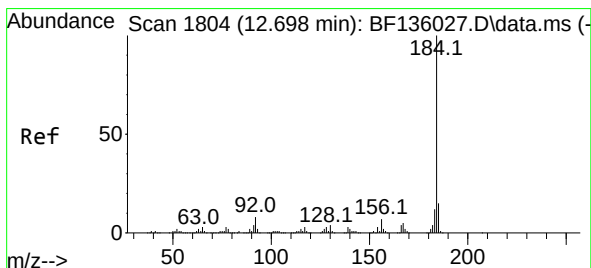
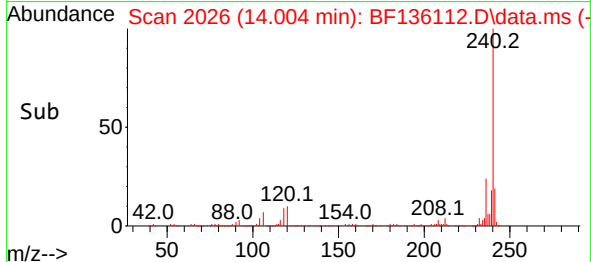
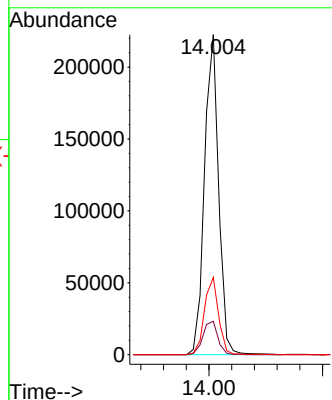
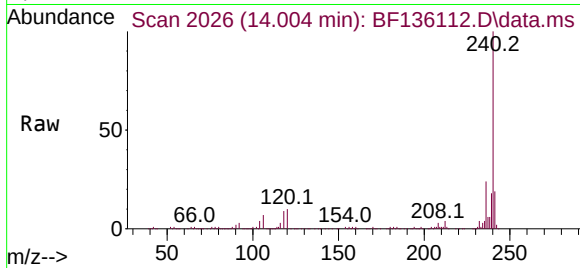




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF136112.D
Acq: 02 Nov 2023 23:38

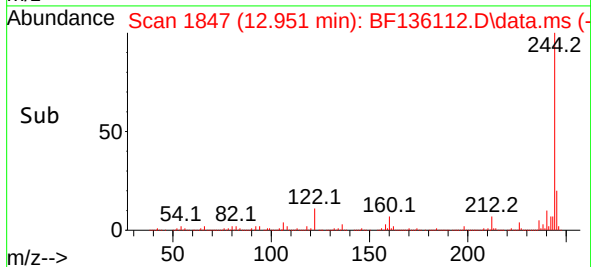
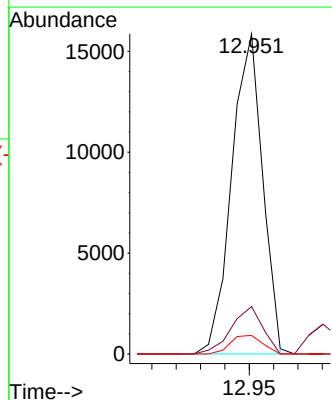
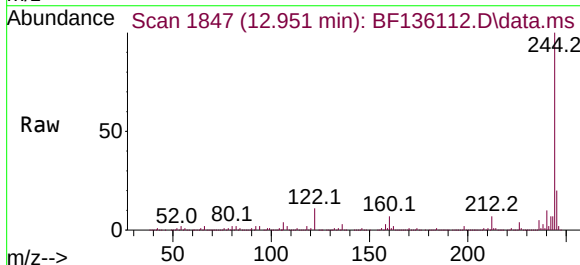
Instrument :
BNA_F
ClientSampleId :
B5

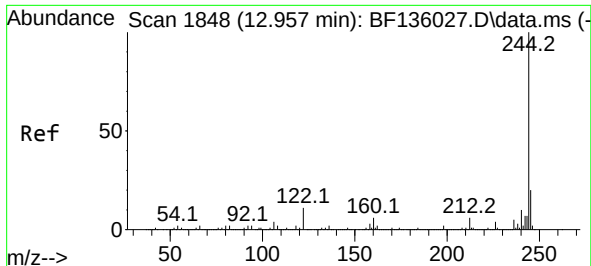
Tgt Ion:240 Resp: 191857
Ion Ratio Lower Upper
240 100
120 10.4 7.6 11.4
236 24.2 20.6 31.0



#77
Benzidine
Concen: 3.737 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF136112.D
Acq: 02 Nov 2023 23:38

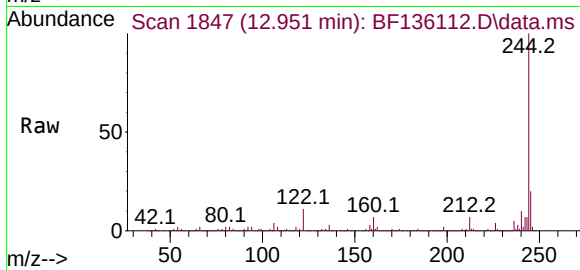
Tgt Ion:184 Resp: 13976
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.8
183 5.8 9.5 14.3#



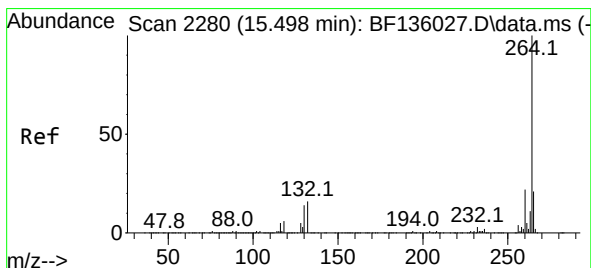
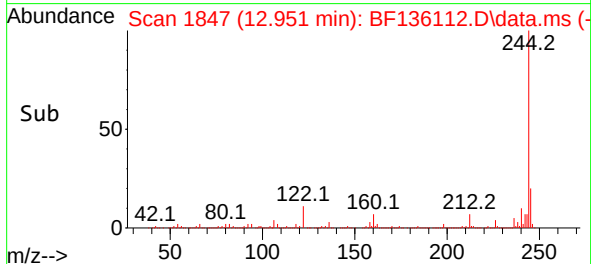
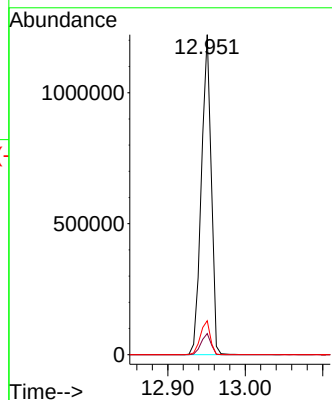


#79
 Terphenyl-d14
 Concen: 87.341 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136112.D
 Acq: 02 Nov 2023 23:38

Instrument :
 BNA_F
 ClientSampleId :
 B5



Tgt Ion:244 Resp: 1078290
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 10.6 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF136112.D
 Acq: 02 Nov 2023 23:38

Tgt Ion:264 Resp: 193665
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.9 26.9
 265 20.9 16.8 25.2

