

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136185.D
 Acq On : 24 Nov 2023 18:09
 Operator : CG\JU
 Sample : 05293-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 24 23:08:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:00:16 2023
 Response via : Initial Calibration

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

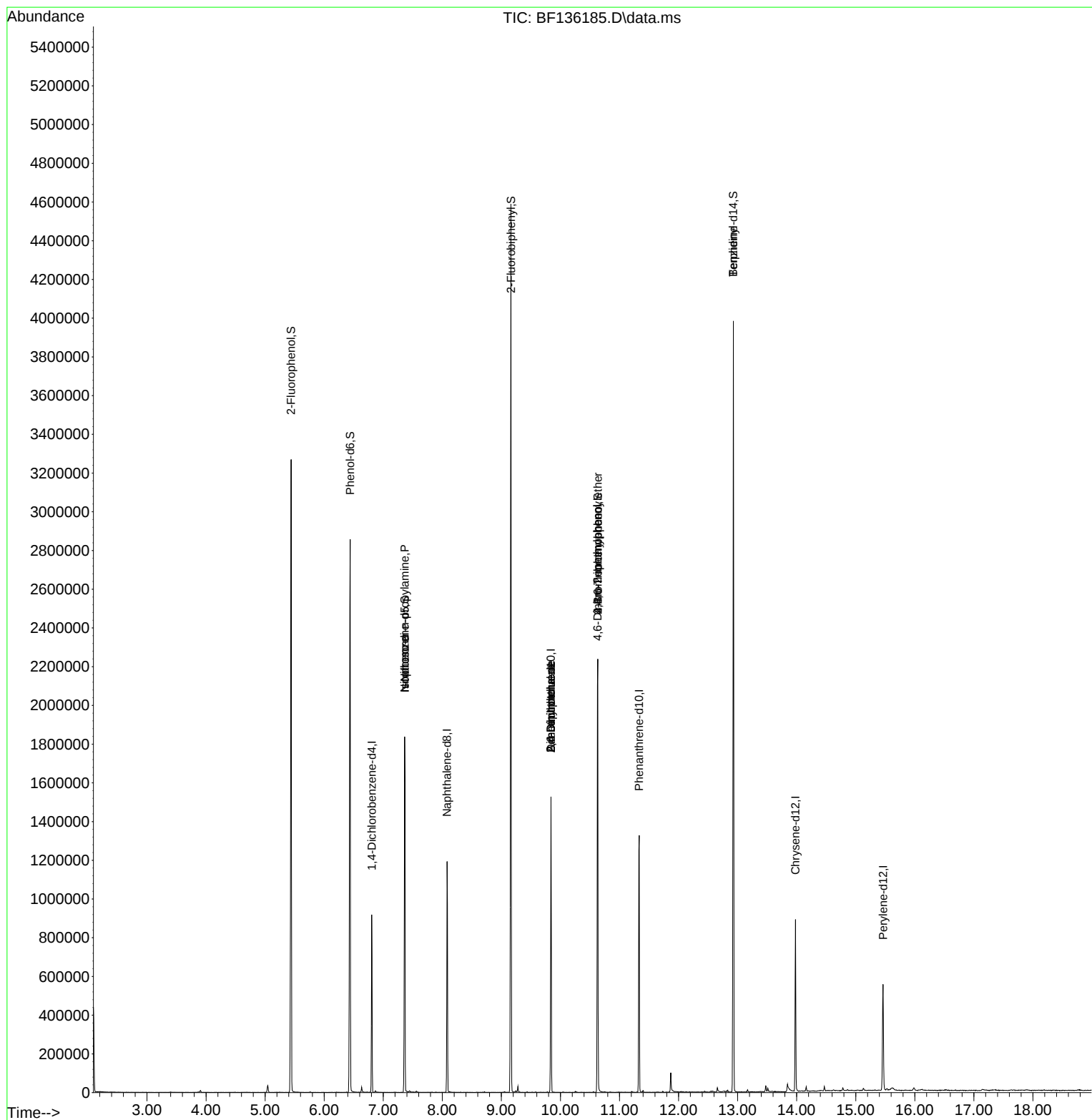
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	120285	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	519795	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	262426	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	500420	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	269214	20.000	ng	0.00
86) Perylene-d12	15.463	264	252771	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	781407	103.437	ng	0.00
7) Phenol-d6	6.440	99	974254	104.804	ng	0.00
23) Nitrobenzene-d5	7.363	82	588802	63.211	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	280791	102.162	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1250579	70.443	ng	0.00
79) Terphenyl-d14	12.927	244	1325016	69.864	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	79015	14.725	ng	# 81
25) Isophorone	7.363	82	588796	36.628	ng	# 64
50) Dimethylphthalate	9.839	163	53801	3.034	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	31696	8.238	ng	# 23
57) 2,4-Dinitrotoluene	9.839	165	31696	6.486	ng	# 28
65) 4,6-Dinitro-2-methylph...	10.628	198	552	4.885	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	16604	2.979	ng	# 1
77) Benzidine	12.927	184	14650	3.143	ng	# 95

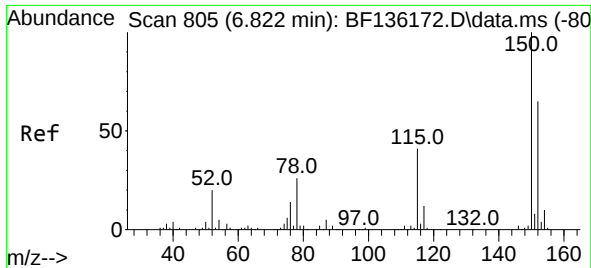
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
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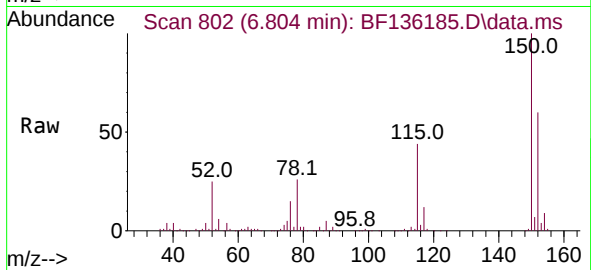
Quant Time: Nov 24 23:08:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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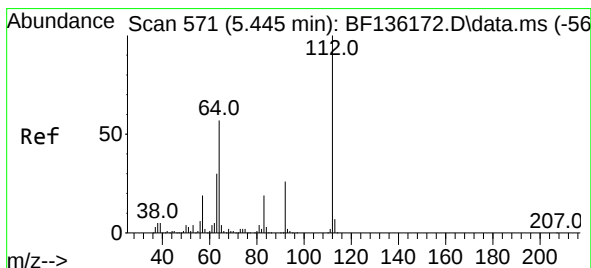
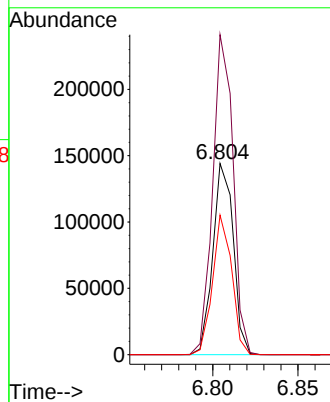
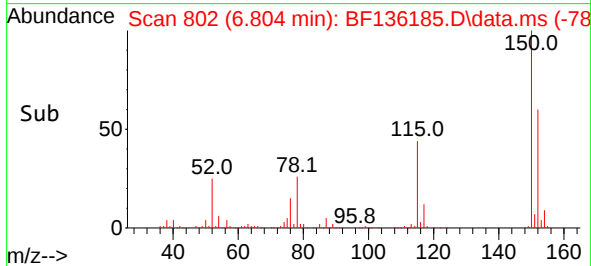


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136185.D
Acq: 24 Nov 2023 18:09

Instrument :
BNA_F
ClientSampleId :

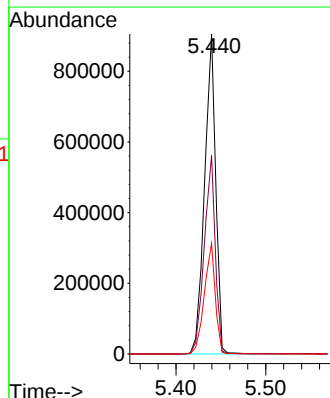
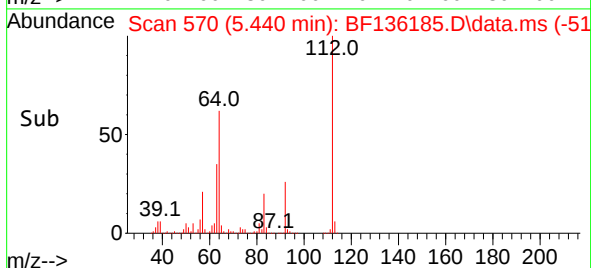
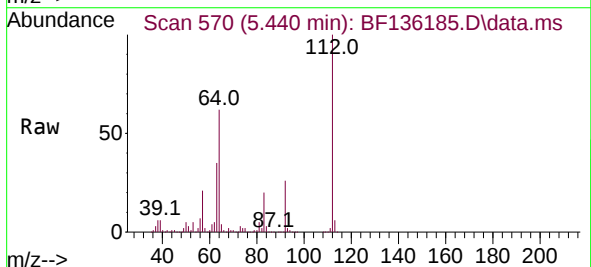


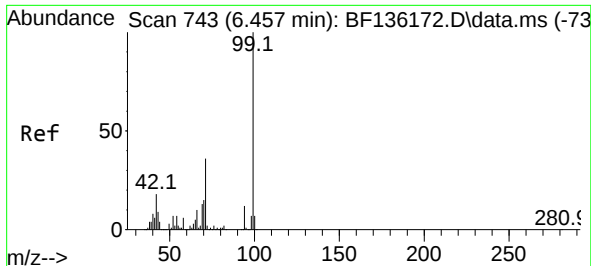
Tgt Ion:152 Resp: 120285
Ion Ratio Lower Upper
152 100
150 167.4 123.1 184.7
115 73.0 50.5 75.7



#5
2-Fluorophenol
Concen: 103.437 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136185.D
Acq: 24 Nov 2023 18:09

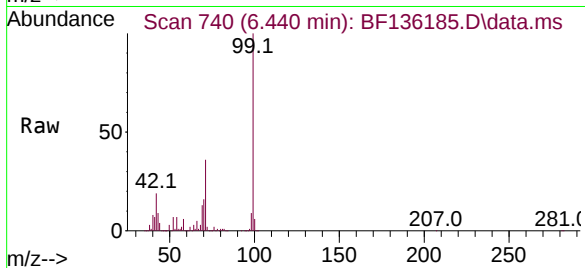
Tgt Ion:112 Resp: 781407
Ion Ratio Lower Upper
112 100
64 62.0 45.4 68.0
63 34.6 24.4 36.6



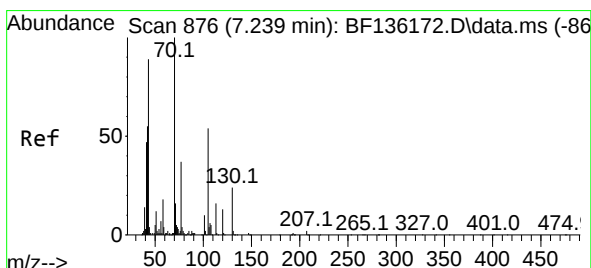
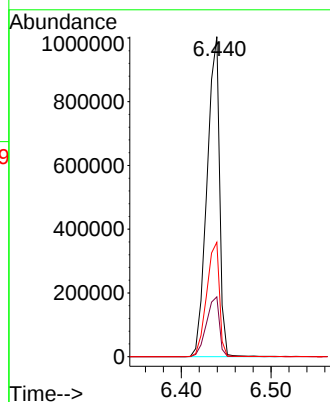
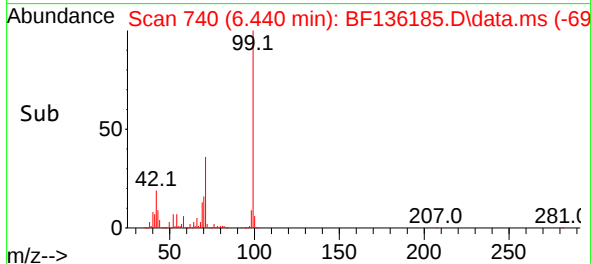


#7
Phenol-d6
Concen: 104.804 ng
RT: 6.440 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136185.D
Acq: 24 Nov 2023 18:09

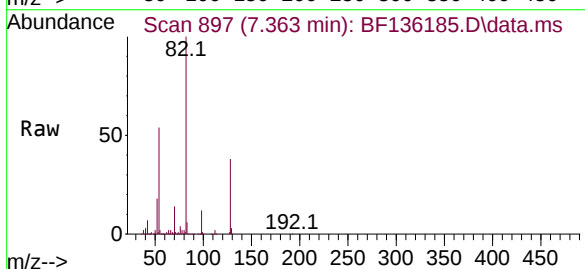
Instrument :
BNA_F
ClientSampleId :



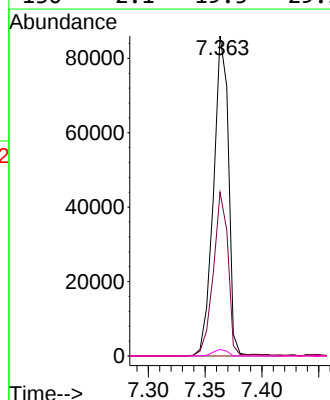
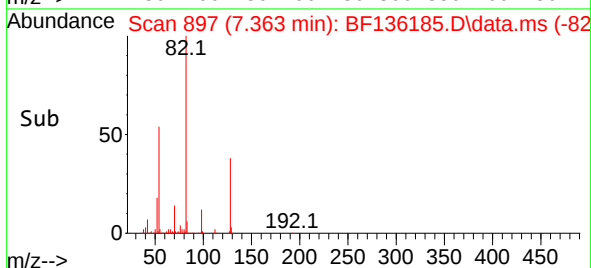
Tgt Ion: 99 Resp: 974254
Ion Ratio Lower Upper
99 100
42 18.7 14.1 21.1
71 35.8 29.0 43.4

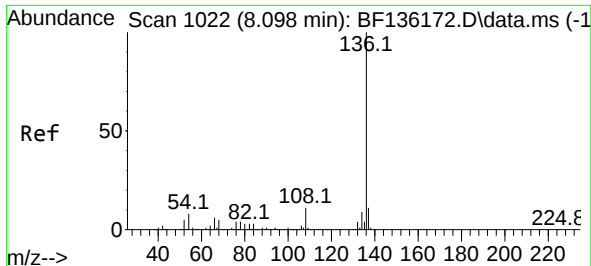


#19
n-Nitroso-di-n-propylamine
Concen: 14.725 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF136185.D
Acq: 24 Nov 2023 18:09



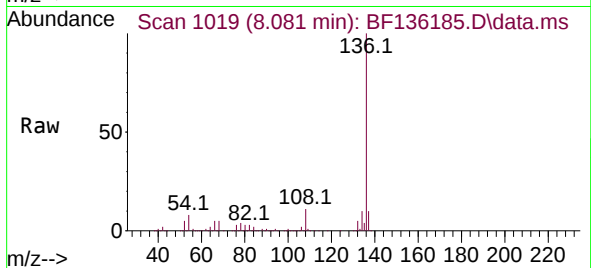
Tgt Ion: 70 Resp: 79015
Ion Ratio Lower Upper
70 100
42 51.2 43.9 65.9
101 0.0 8.1 12.1#
130 2.1 19.5 29.3#



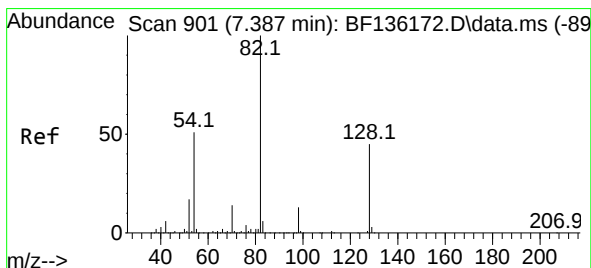
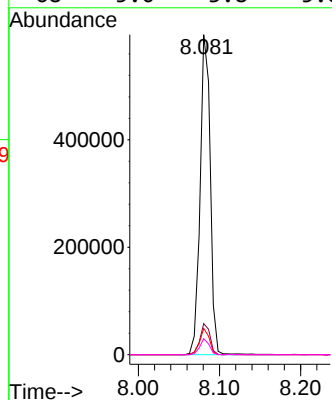
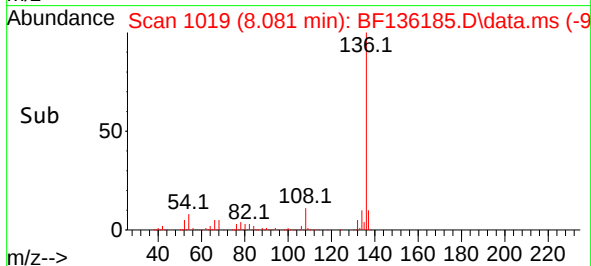


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136185.D
Acq: 24 Nov 2023 18:09

Instrument :
BNA_F
ClientSampleId :

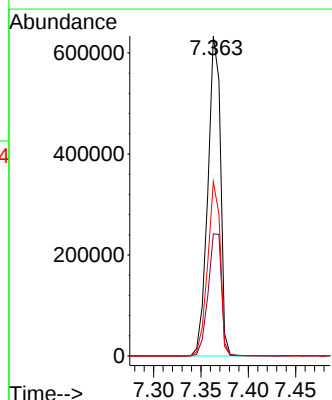
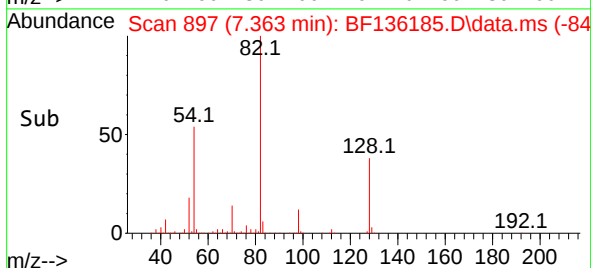
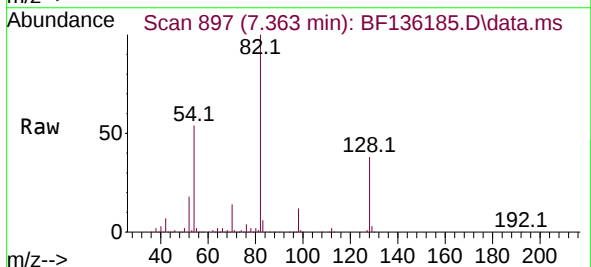


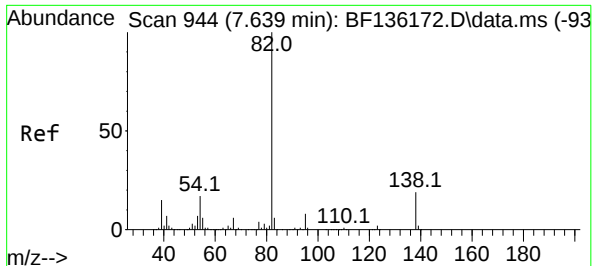
Tgt Ion:	136	Resp:	519795
Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.6	13.0
54	8.2	6.3	9.5
68	5.0	3.8	5.8



#23
Nitrobenzene-d5
Concen: 63.211 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136185.D
Acq: 24 Nov 2023 18:09

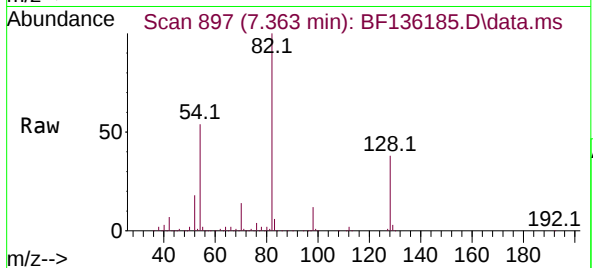
Tgt Ion:	82	Resp:	588802
Ion	Ratio	Lower	Upper
82	100		
128	38.2	35.8	53.6
54	54.5	40.6	60.8



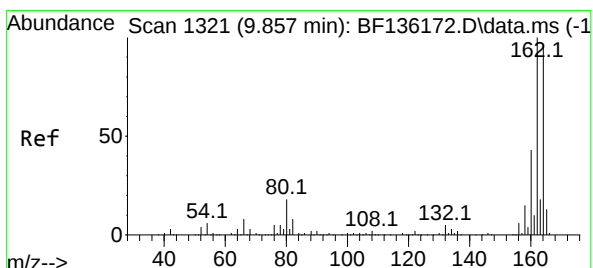
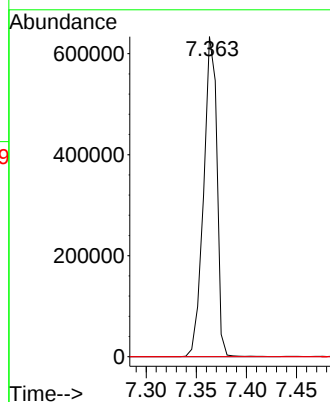
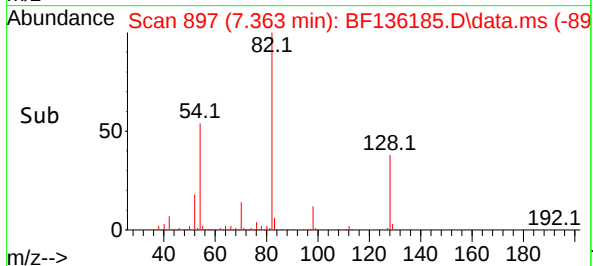


#25
Isophorone
Concen: 36.628 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF136185.D
Acq: 24 Nov 2023 18:09

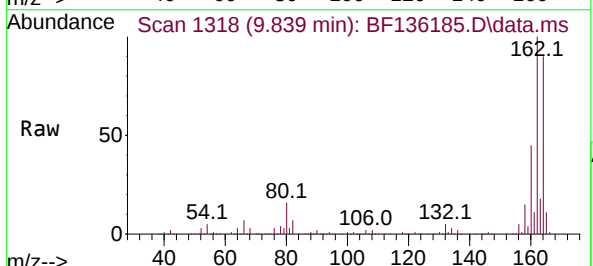
Instrument :
BNA_F
ClientSampleId :



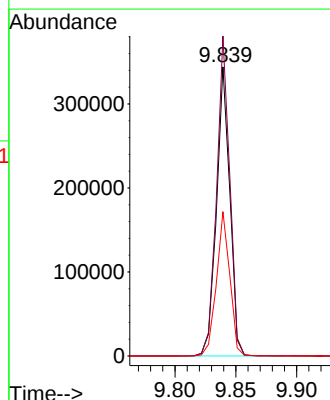
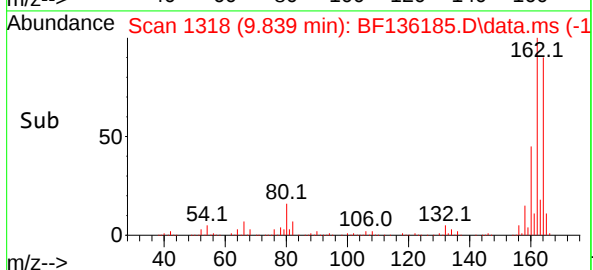
Tgt Ion: 82 Resp: 588796
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 14.8 22.2#

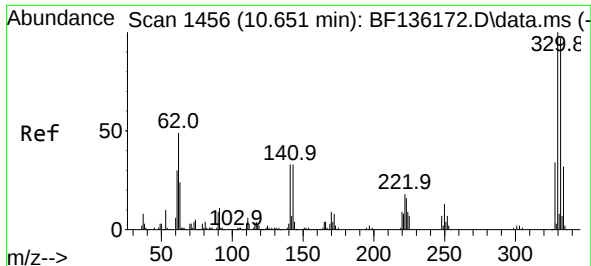


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136185.D
Acq: 24 Nov 2023 18:09



Tgt Ion: 164 Resp: 262426
Ion Ratio Lower Upper
164 100
162 110.7 83.2 124.8
160 49.9 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 102.162 ng

RT: 10.633 min Scan# 1456

Delta R.T. -0.006 min

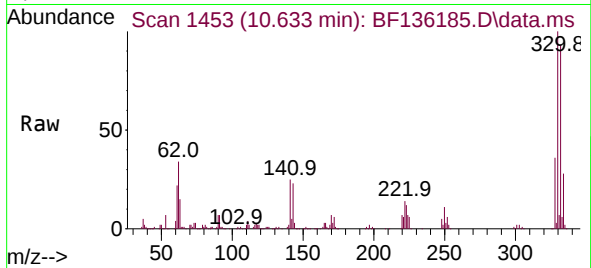
Lab File: BF136185.D

Acq: 24 Nov 2023 18:09

Instrument :

BNA_F

ClientSampleId :



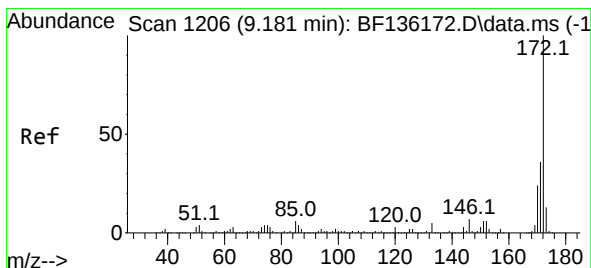
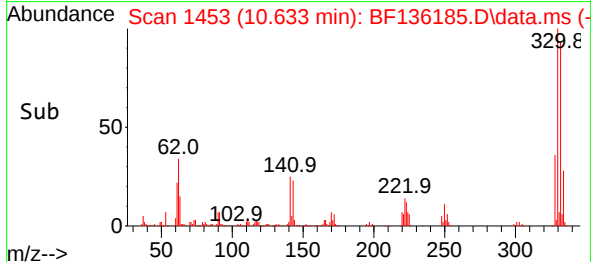
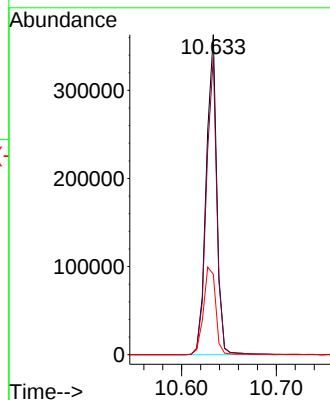
Tgt Ion:330 Resp: 280791

Ion Ratio Lower Upper

330 100

332 93.1 77.6 116.4

141 31.9 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 70.443 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136185.D

Acq: 24 Nov 2023 18:09

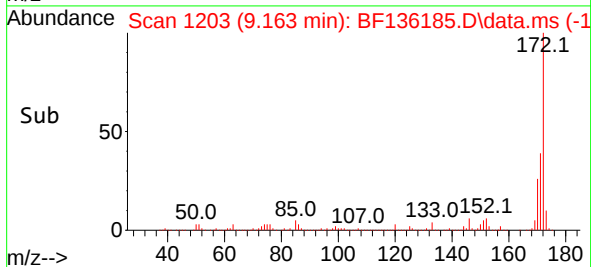
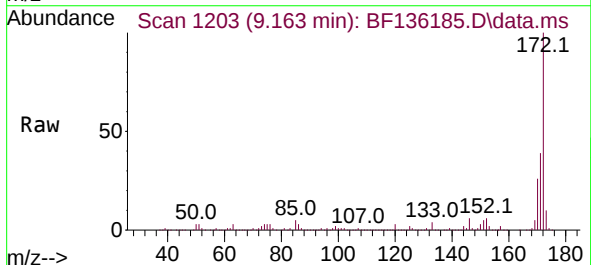
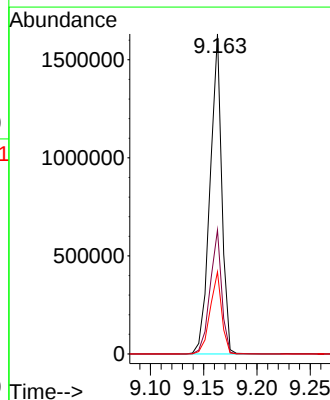
Tgt Ion:172 Resp: 1250579

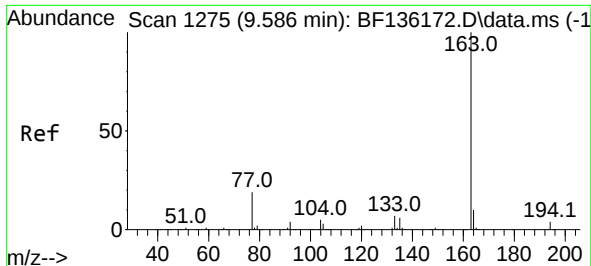
Ion Ratio Lower Upper

172 100

171 38.8 28.9 43.3

170 25.6 19.1 28.7

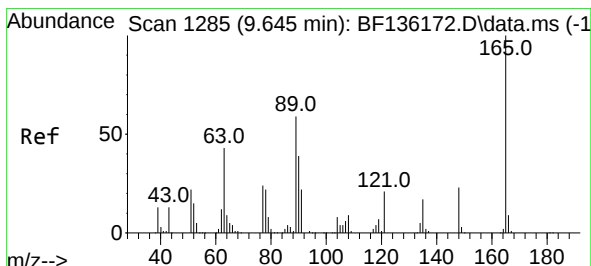
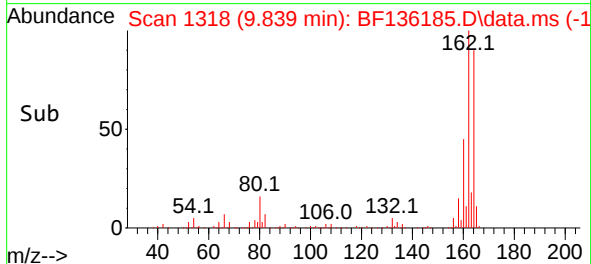
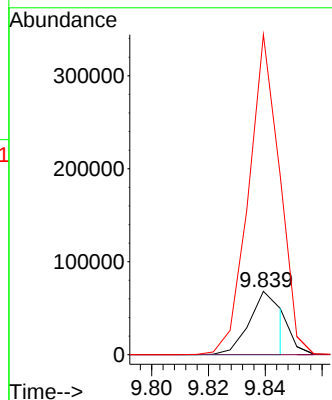
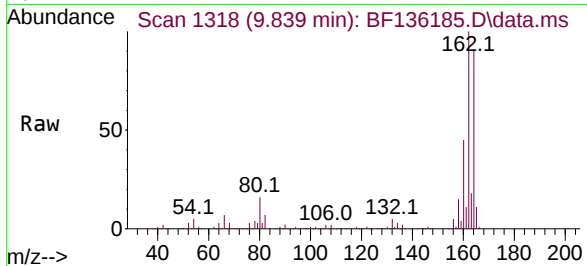




#50
Dimethylphthalate
Concen: 3.034 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.264 min
Lab File: BF136185.D
Acq: 24 Nov 2023 18:09

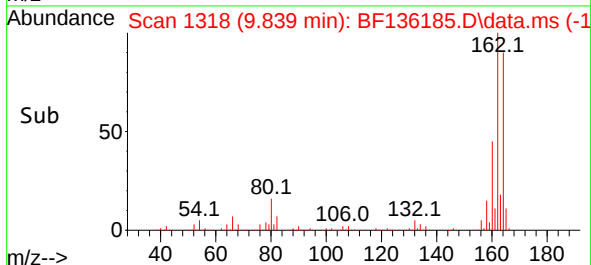
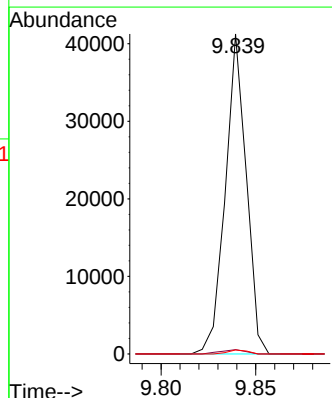
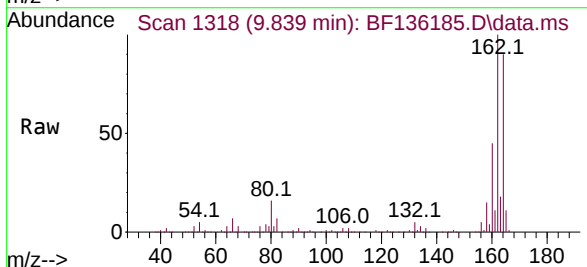
Instrument :
BNA_F
ClientSampleId :

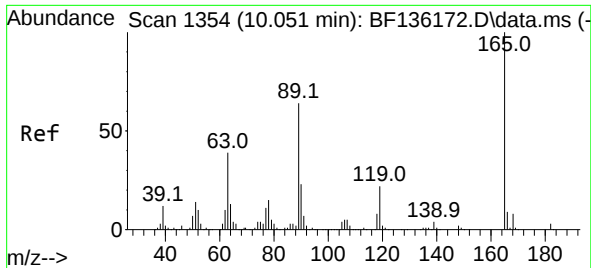
Tgt Ion:163 Resp: 53801
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 505.5 7.8 11.8#



#51
2,6-Dinitrotoluene
Concen: 8.238 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136185.D
Acq: 24 Nov 2023 18:09

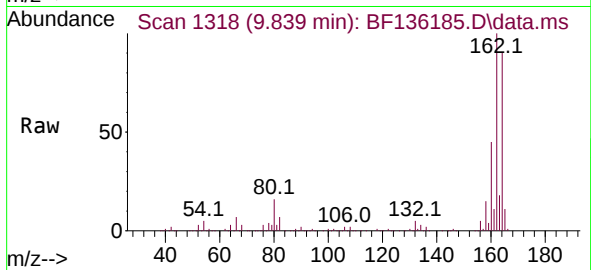
Tgt Ion:165 Resp: 31696
Ion Ratio Lower Upper
165 100
63 1.3 48.0 72.0#
89 1.3 47.2 70.8#



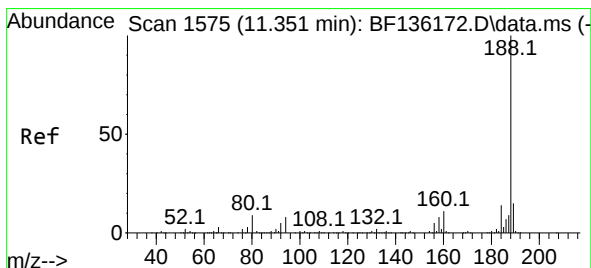
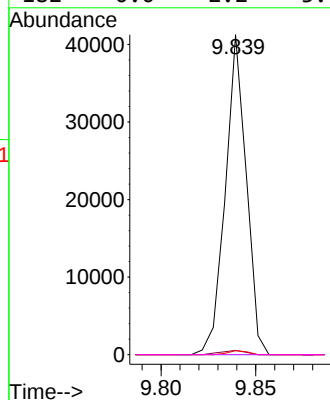
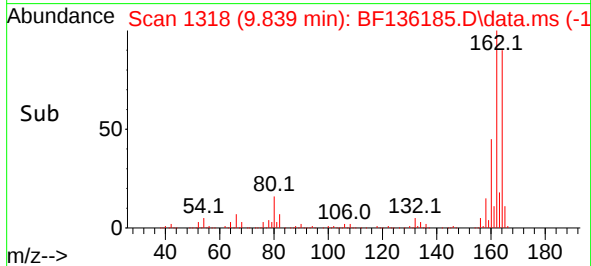


#57
2,4-Dinitrotoluene
Concen: 6.486 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136185.D
Acq: 24 Nov 2023 18:09

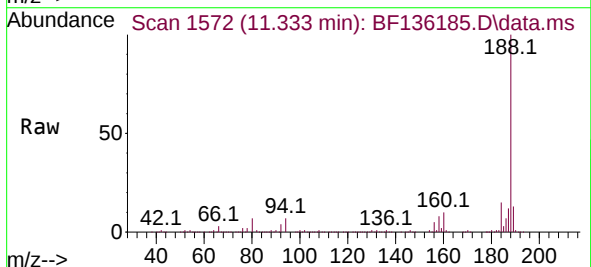
Instrument :
BNA_F
ClientSampleId :



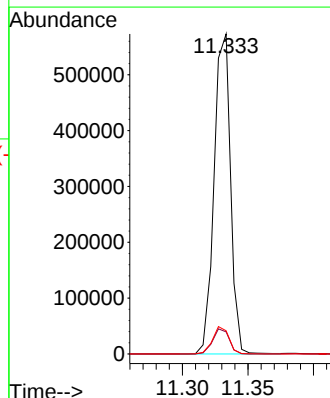
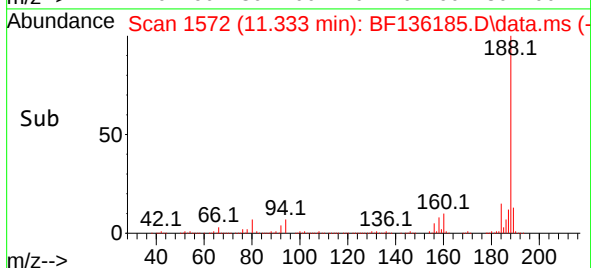
Tgt Ion:165 Resp: 31696
Ion Ratio Lower Upper
165 100
63 1.3 31.4 47.0#
89 1.3 51.6 77.4#
182 0.0 2.2 3.4#

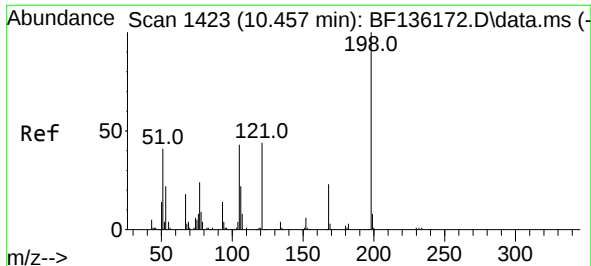


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF136185.D
Acq: 24 Nov 2023 18:09



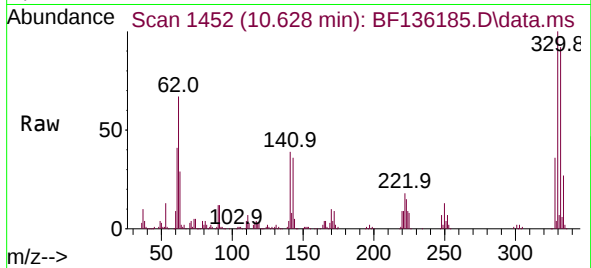
Tgt Ion:188 Resp: 500420
Ion Ratio Lower Upper
188 100
94 6.9 6.6 9.8
80 7.3 7.3 10.9#



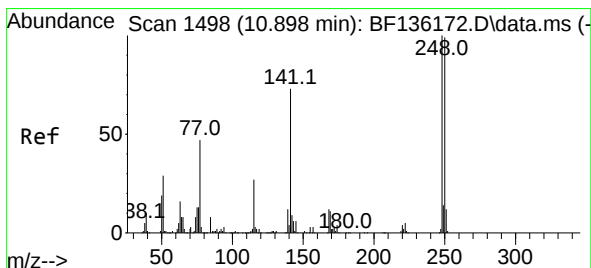
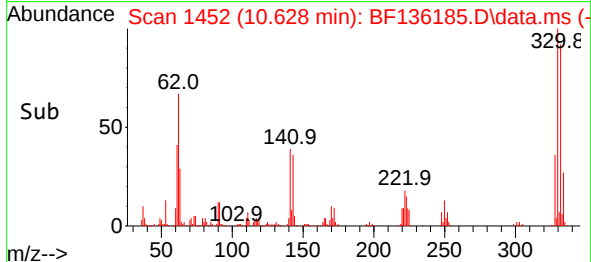
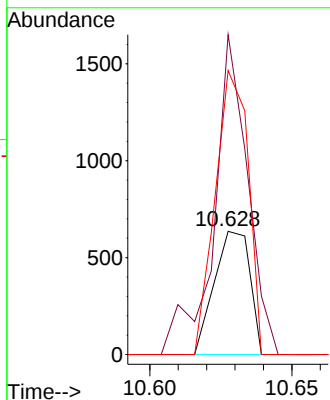


#65
4,6-Dinitro-2-methylphenol
Concen: 4.885 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.182 min
Lab File: BF136185.D
Acq: 24 Nov 2023 18:09

Instrument :
BNA_F
ClientSampleId :

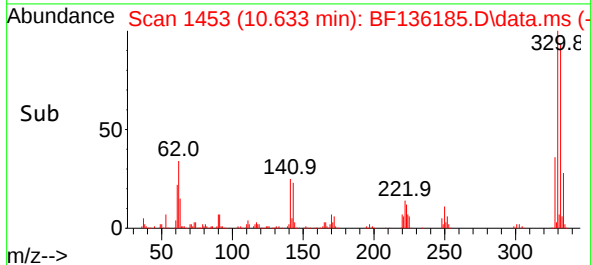
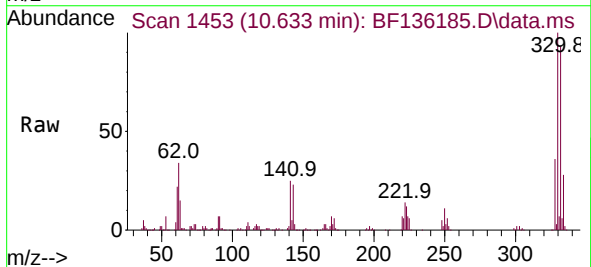
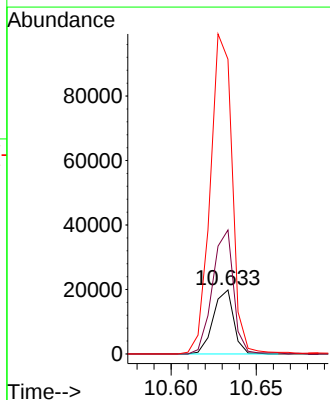


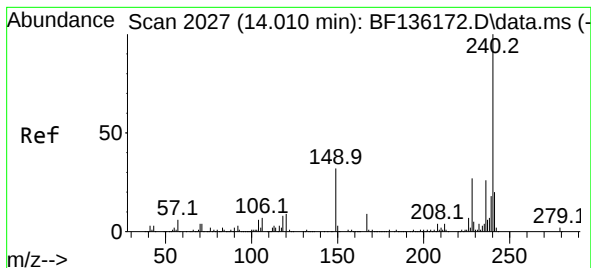
Tgt Ion:198 Resp: 552
Ion Ratio Lower Upper
198 100
51 259.4 27.3 67.3#
105 230.3 24.2 64.2#



#67
4-Bromophenyl-phenylether
Concen: 2.979 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.253 min
Lab File: BF136185.D
Acq: 24 Nov 2023 18:09

Tgt Ion:248 Resp: 16604
Ion Ratio Lower Upper
248 100
250 193.8 79.0 118.4#
141 460.3 58.8 88.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF136185.D

Acq: 24 Nov 2023 18:09

Instrument :

BNA_F

ClientSampleId :

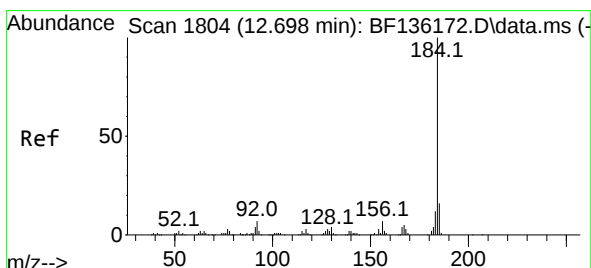
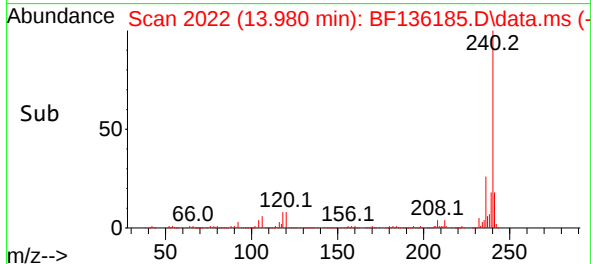
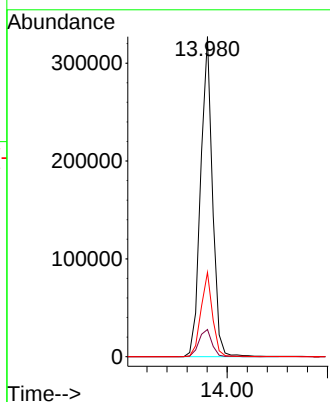
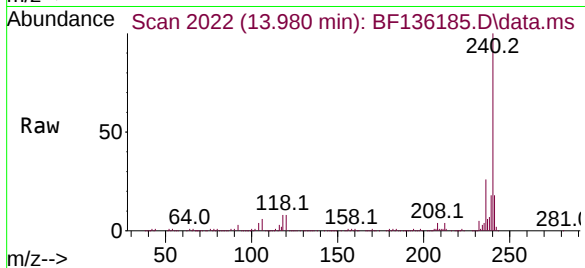
Tgt Ion:240 Resp: 269214

Ion Ratio Lower Upper

240 100

120 8.5 7.1 10.7

236 26.3 20.9 31.3



#77

Benzidine

Concen: 3.143 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.247 min

Lab File: BF136185.D

Acq: 24 Nov 2023 18:09

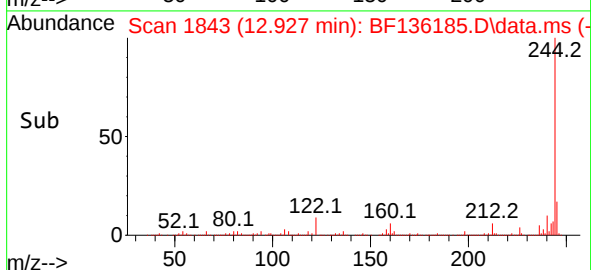
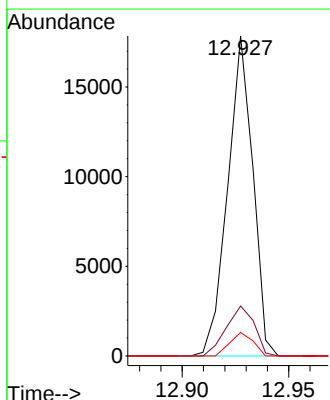
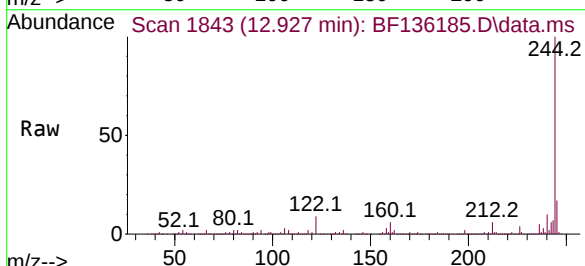
Tgt Ion:184 Resp: 14650

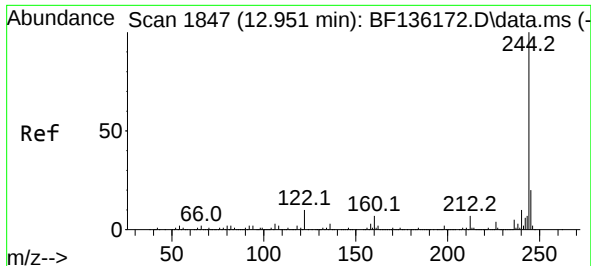
Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

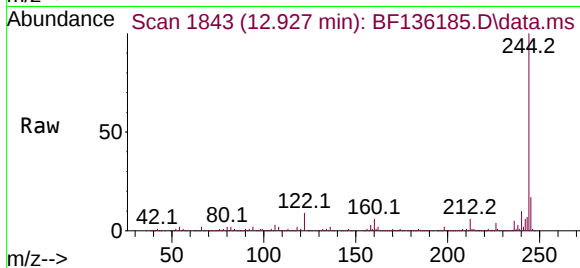
183 7.3 9.2 13.8#



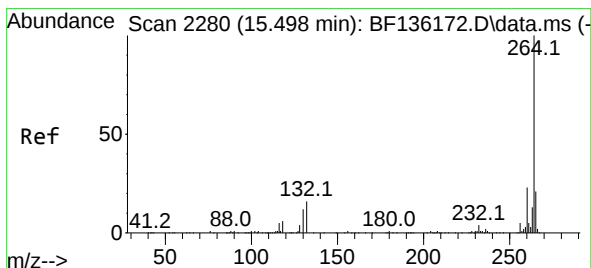
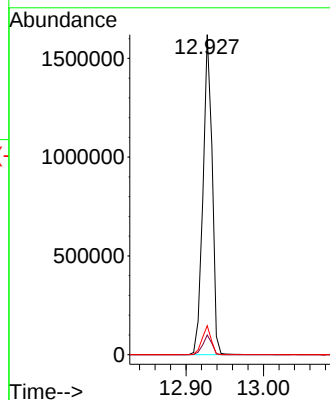
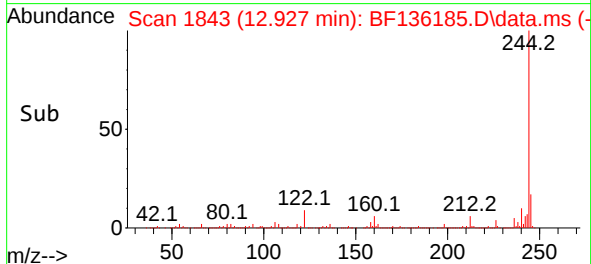


#79
 Terphenyl-d14
 Concen: 69.864 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136185.D
 Acq: 24 Nov 2023 18:09

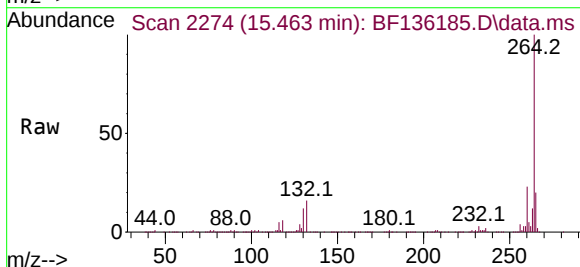
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1325016
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 9.0 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF136185.D
 Acq: 24 Nov 2023 18:09



Tgt Ion:264 Resp: 252771
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.5 27.7
 265 19.8 16.9 25.3

