

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136184.D
 Acq On : 24 Nov 2023 17:37
 Operator : CG\JU
 Sample : 05293-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 24 23:07:50 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)

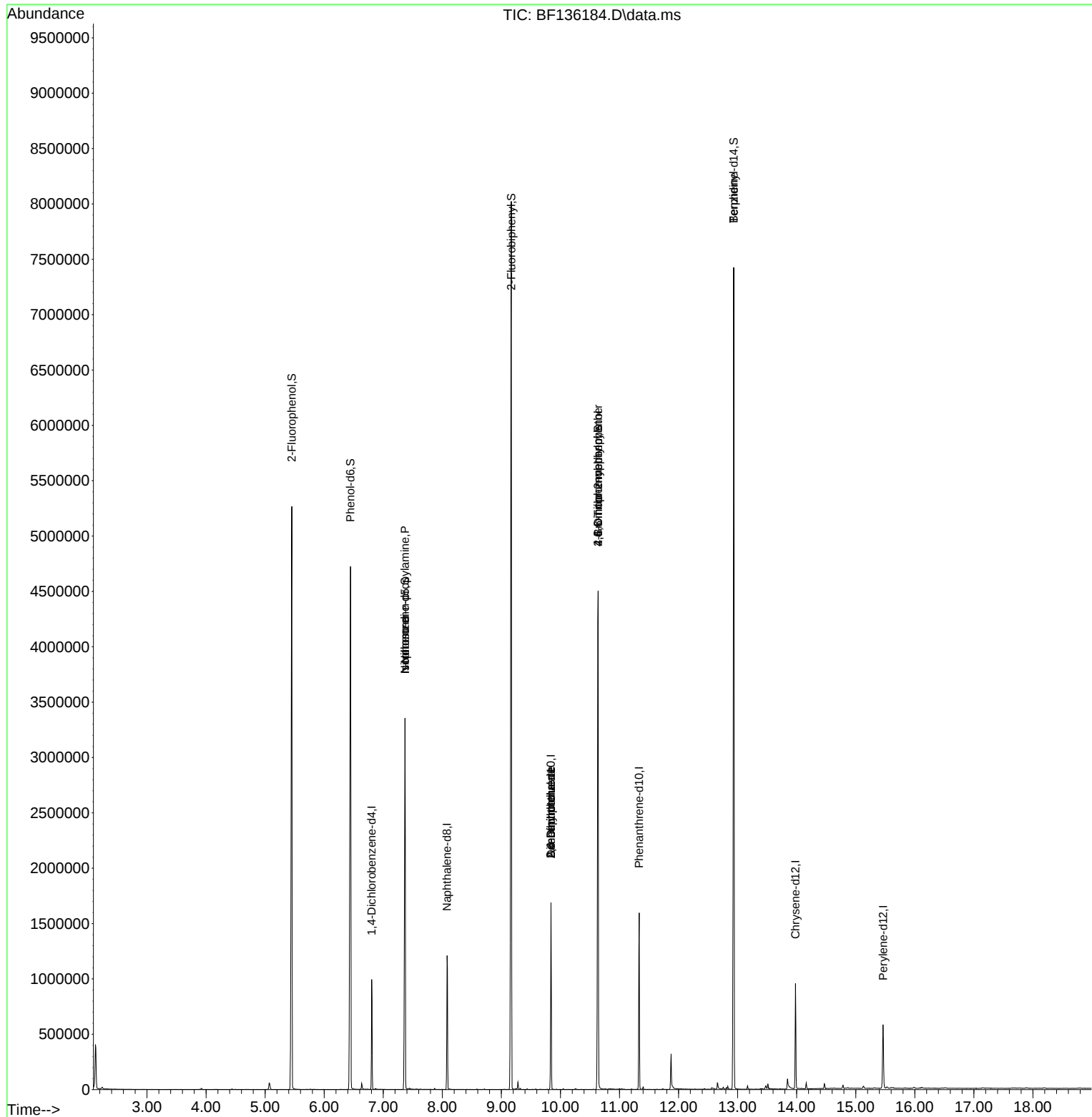
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	128614	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	555925	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	290395	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	551743	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	294980	20.000	ng	0.00
86) Perylene-d12	15.462	264	263055	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1541377	190.822	ng	0.02
7) Phenol-d6	6.445	99	1967414	197.936	ng	0.00
23) Nitrobenzene-d5	7.369	82	1190506	119.502	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	647961	213.045	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2590533	131.866	ng	0.00
79) Terphenyl-d14	12.933	244	2938150	141.387	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	159801	27.851	ng	# 80
25) Isophorone	7.369	82	1190486	69.245	ng	# 64
50) Dimethylphthalate	9.839	163	58722	2.993	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	34028	7.992	ng	# 23
57) 2,4-Dinitrotoluene	9.839	165	34028	6.293	ng	# 28
65) 4,6-Dinitro-2-methylph...	10.639	198	1504	5.139	ng	# 9
67) 4-Bromophenyl-phenylether	10.639	248	36638	5.962	ng	# 1
77) Benzidine	12.933	184	32762	6.414	ng	# 95

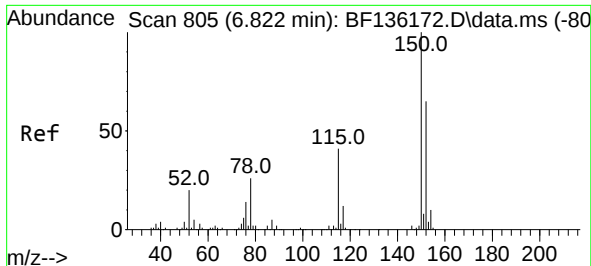
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
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ALS Vial : 6 Sample Multiplier: 1

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BNA_F
ClientSampleId :

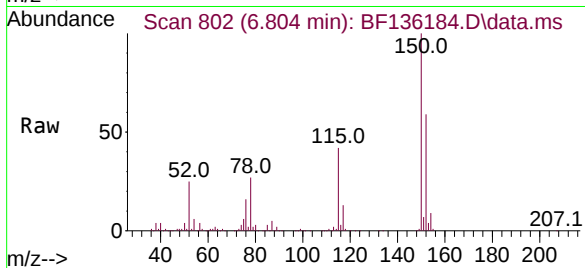
Quant Time: Nov 24 23:07:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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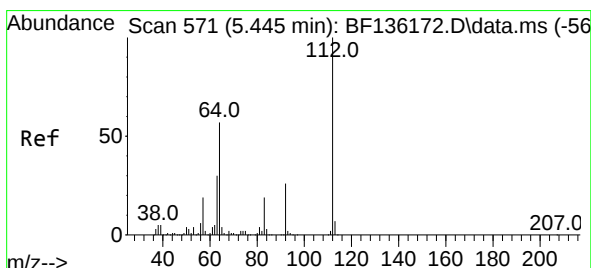
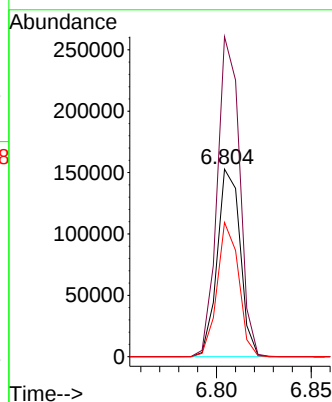
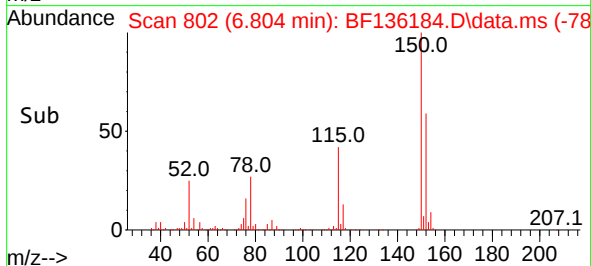


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136184.D
Acq: 24 Nov 2023 17:37

Instrument :
BNA_F
ClientSampleId :

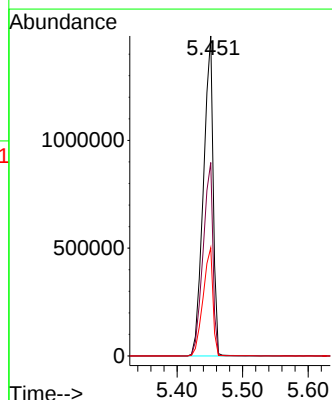
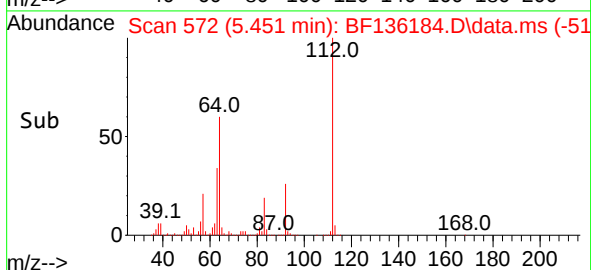
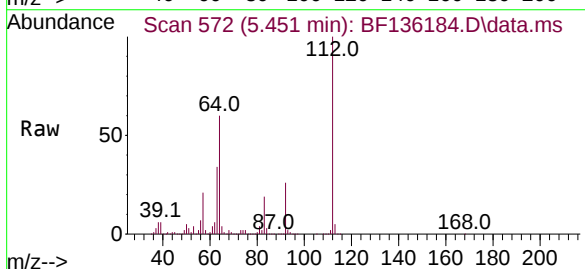


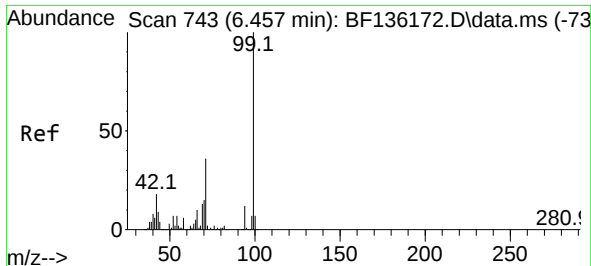
Tgt Ion:152 Resp: 128614
Ion Ratio Lower Upper
152 100
150 170.6 123.1 184.7
115 71.5 50.5 75.7



#5
2-Fluorophenol
Concen: 190.822 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF136184.D
Acq: 24 Nov 2023 17:37

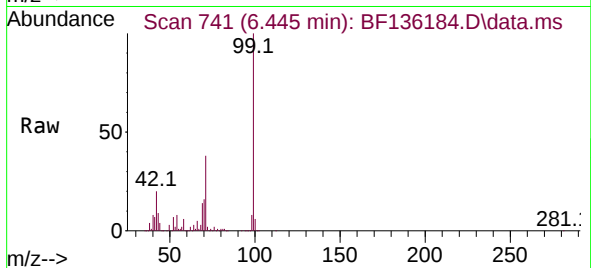
Tgt Ion:112 Resp: 1541377
Ion Ratio Lower Upper
112 100
64 60.4 45.4 68.0
63 33.8 24.4 36.6





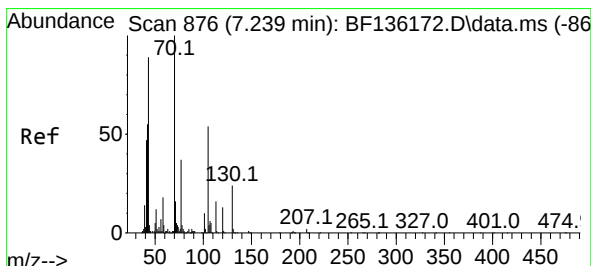
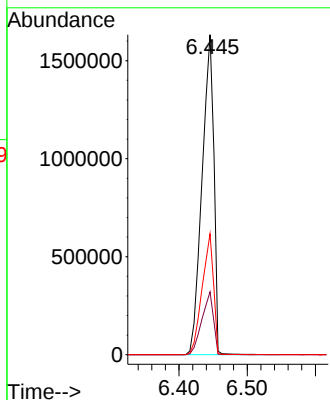
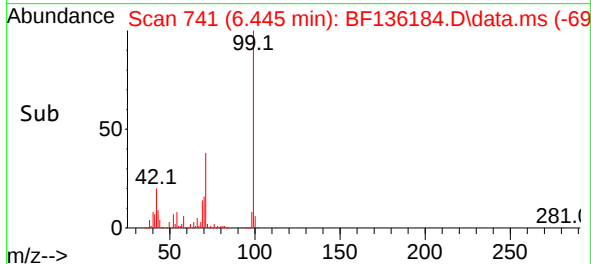
#7
Phenol-d6
Concen: 197.936 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136184.D
Acq: 24 Nov 2023 17:37

Instrument :
BNA_F
ClientSampleId :

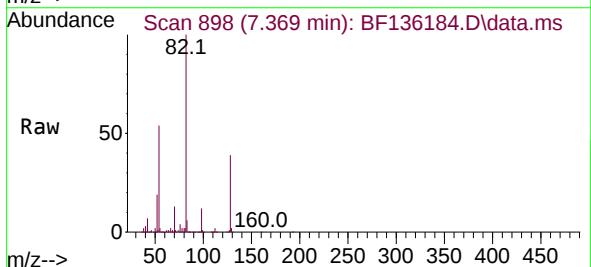


Tgt Ion: 99 Resp: 1967414

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.1	21.1
71	37.8	29.0	43.4

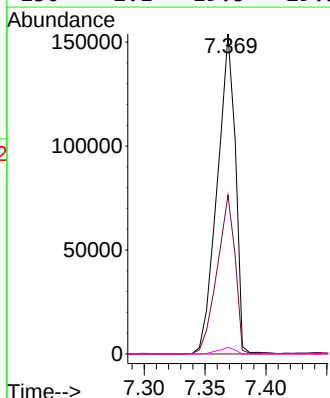
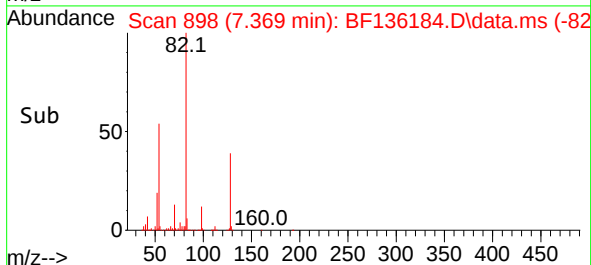


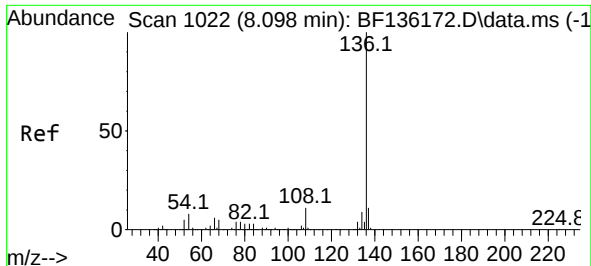
#19
n-Nitroso-di-n-propylamine
Concen: 27.851 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF136184.D
Acq: 24 Nov 2023 17:37



Tgt Ion: 70 Resp: 159801

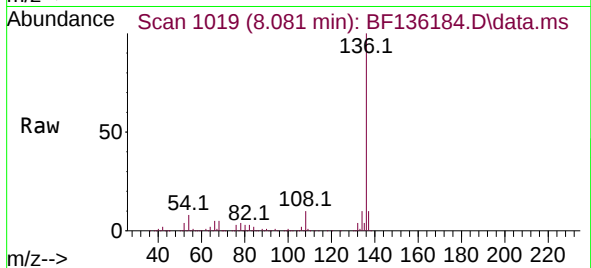
Ion	Ratio	Lower	Upper
70	100		
42	49.6	43.9	65.9
101	0.0	8.1	12.1#
130	2.1	19.5	29.3#



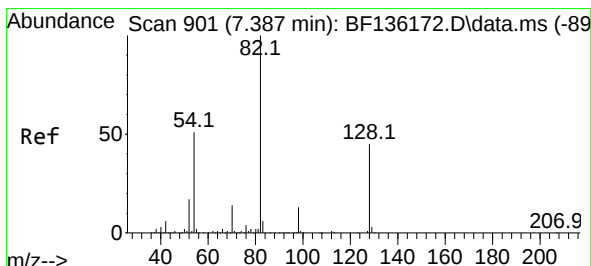
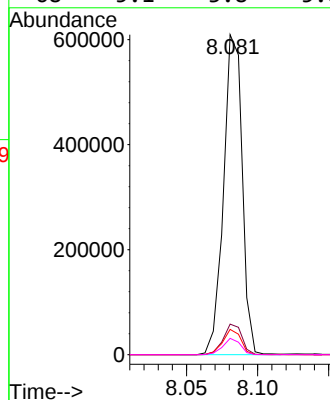
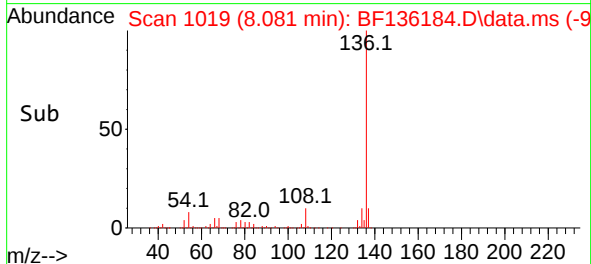


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136184.D
Acq: 24 Nov 2023 17:37

Instrument :
BNA_F
ClientSampleId :

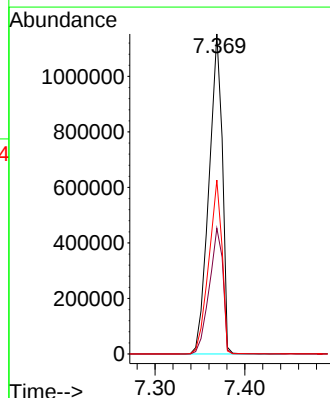
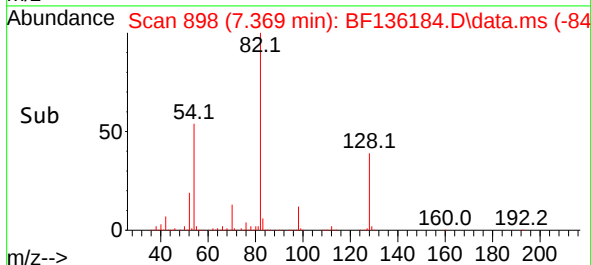
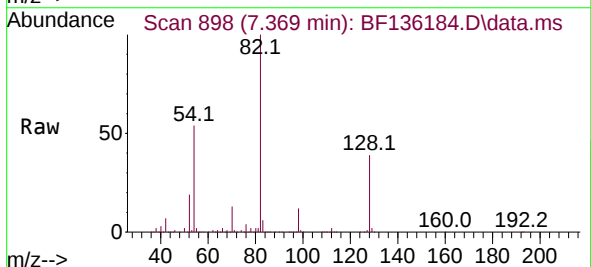


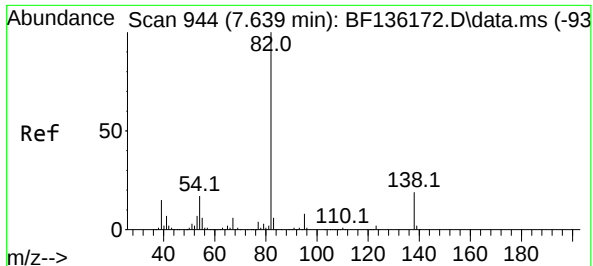
Tgt Ion:136 Resp: 555925
Ion Ratio Lower Upper
136 100
137 9.5 8.6 13.0
54 7.9 6.3 9.5
68 5.1 3.8 5.8



#23
Nitrobenzene-d5
Concen: 119.502 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136184.D
Acq: 24 Nov 2023 17:37

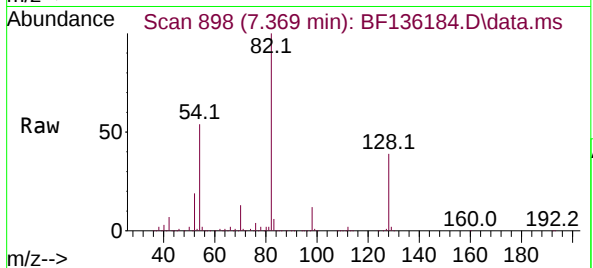
Tgt Ion: 82 Resp: 1190506
Ion Ratio Lower Upper
82 100
128 39.3 35.8 53.6
54 54.4 40.6 60.8



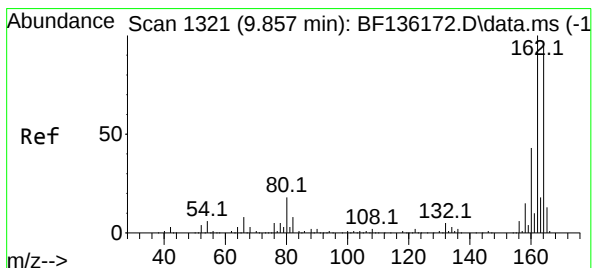
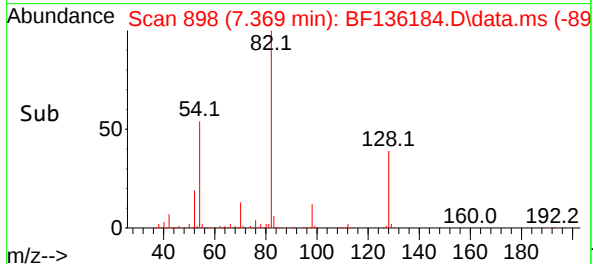
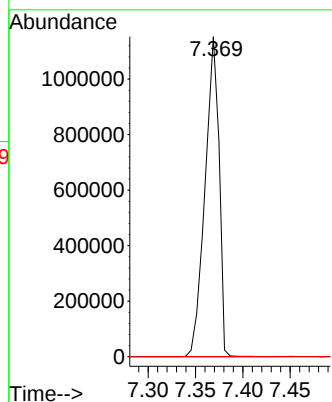


#25
Isophorone
Concen: 69.245 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136184.D
Acq: 24 Nov 2023 17:37

Instrument :
BNA_F
ClientSampleId :

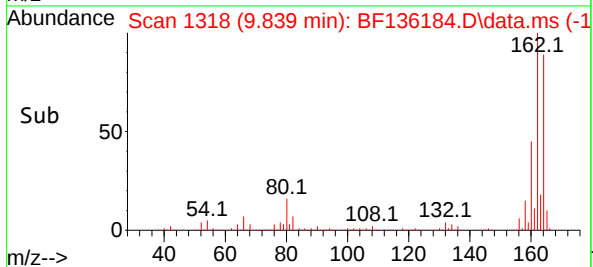
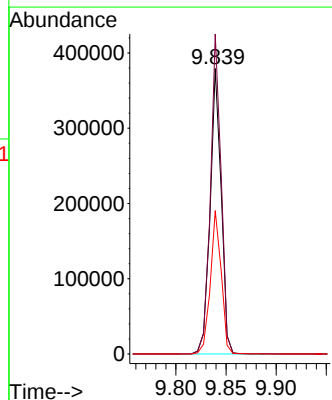
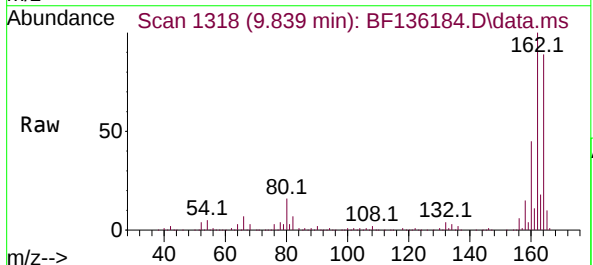


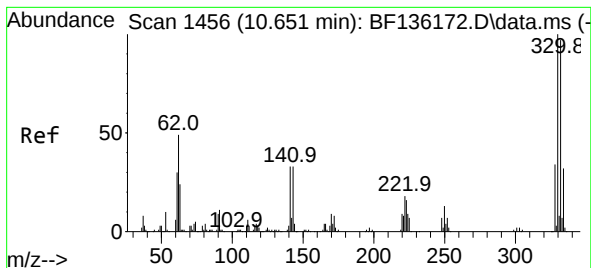
Tgt Ion: 82 Resp: 1190486
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 14.8 22.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136184.D
Acq: 24 Nov 2023 17:37

Tgt Ion: 164 Resp: 290395
Ion Ratio Lower Upper
164 100
162 112.1 83.2 124.8
160 50.2 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 213.045 ng

RT: 10.639 min Scan# 1456

Delta R.T. -0.000 min

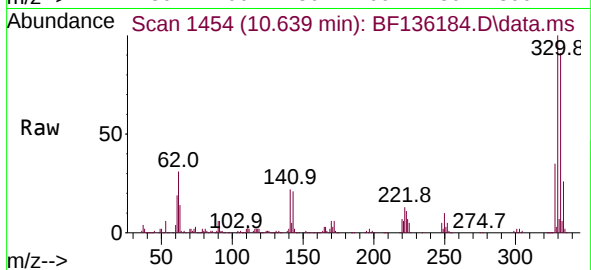
Lab File: BF136184.D

Acq: 24 Nov 2023 17:37

Instrument :

BNA_F

ClientSampleId :



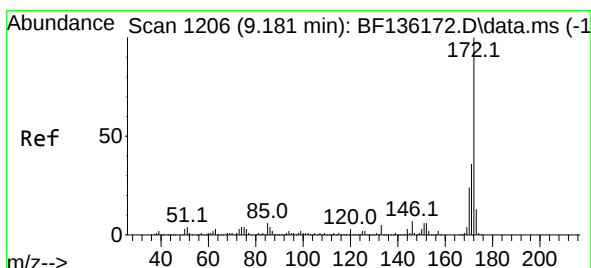
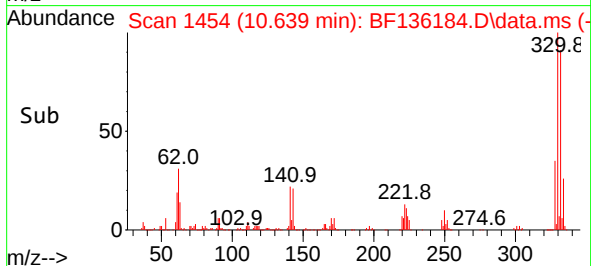
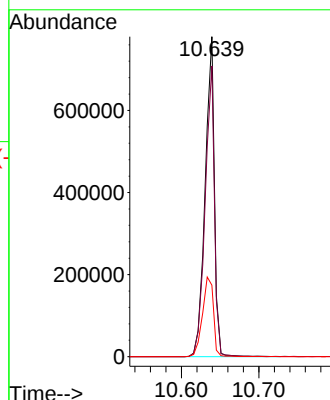
Tgt Ion:330 Resp: 647961

Ion Ratio Lower Upper

330 100

332 91.5 77.6 116.4

141 29.3 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 131.866 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.000 min

Lab File: BF136184.D

Acq: 24 Nov 2023 17:37

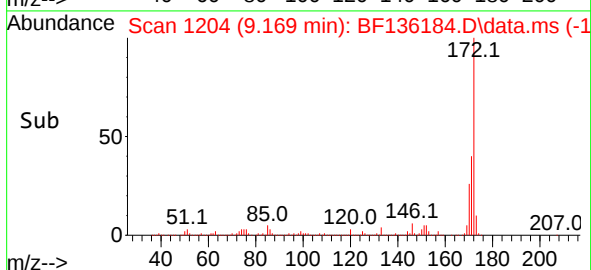
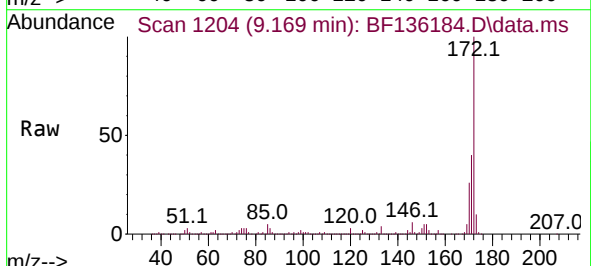
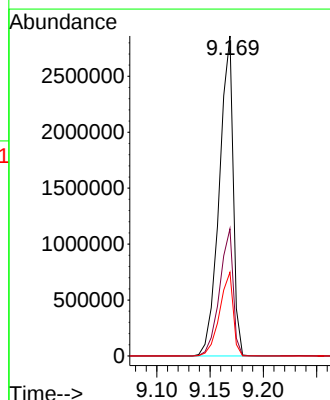
Tgt Ion:172 Resp: 2590533

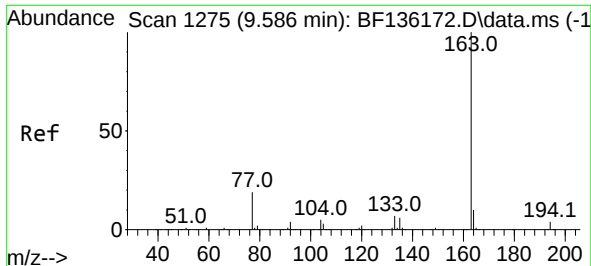
Ion Ratio Lower Upper

172 100

171 39.7 28.9 43.3

170 26.2 19.1 28.7

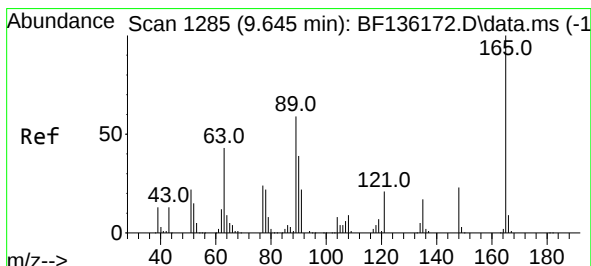
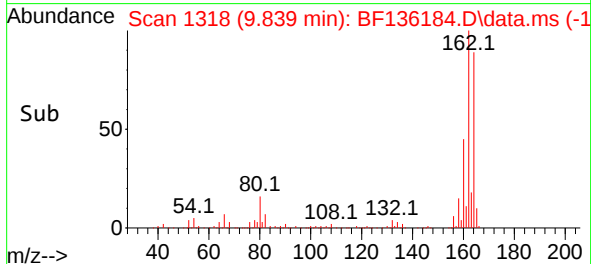
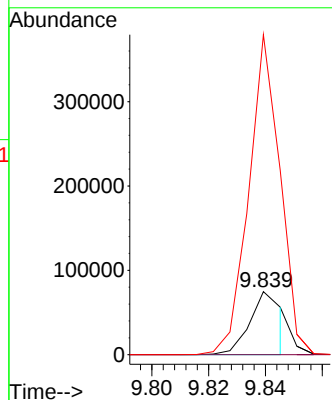
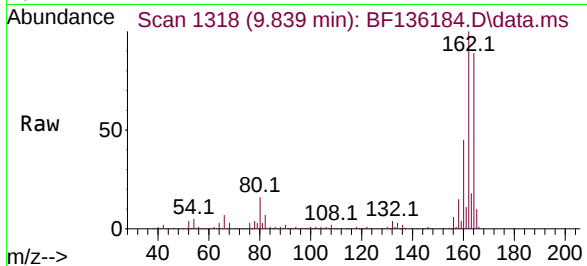




#50
Dimethylphthalate
Concen: 2.993 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.264 min
Lab File: BF136184.D
Acq: 24 Nov 2023 17:37

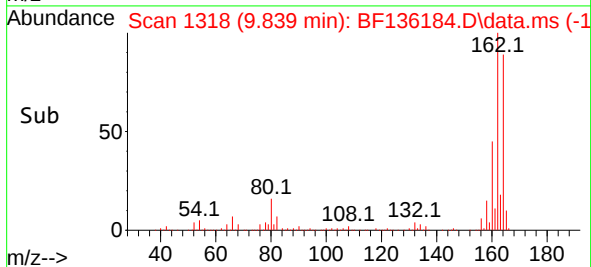
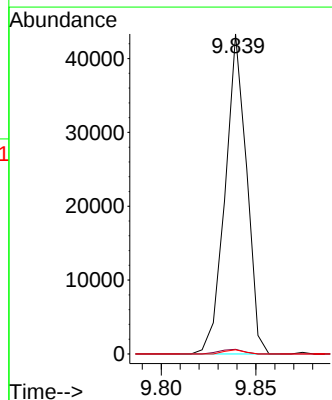
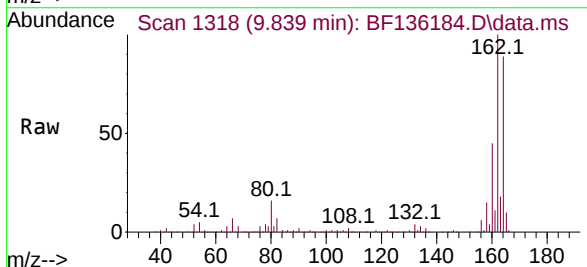
Instrument :
BNA_F
ClientSampleId :

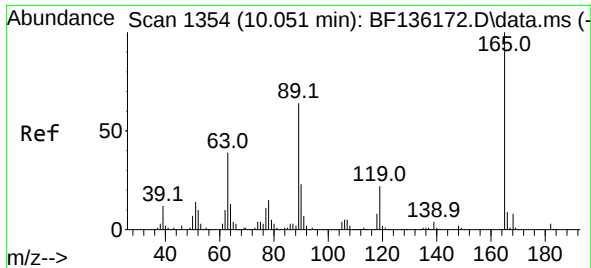
Tgt Ion:163 Resp: 58722
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 507.6 7.8 11.8#



#51
2,6-Dinitrotoluene
Concen: 7.992 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136184.D
Acq: 24 Nov 2023 17:37

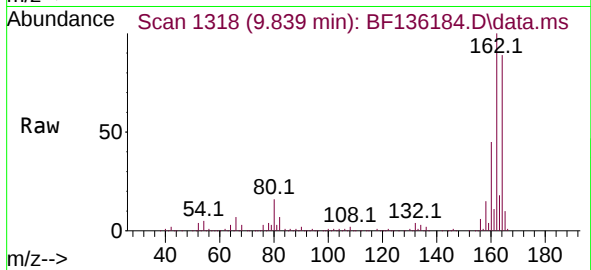
Tgt Ion:165 Resp: 34028
Ion Ratio Lower Upper
165 100
63 1.4 48.0 72.0#
89 1.3 47.2 70.8#



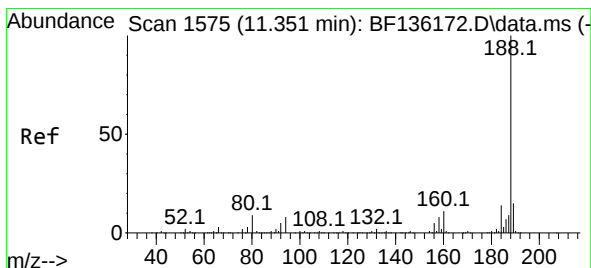
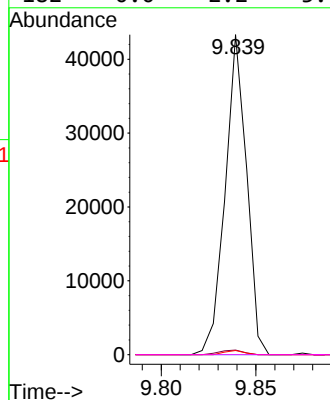
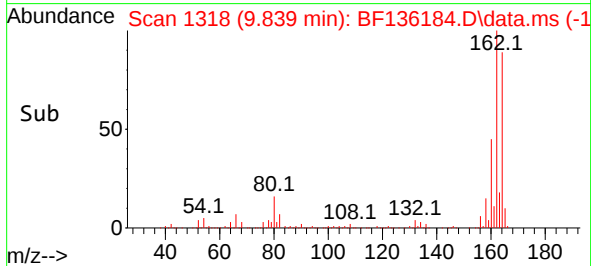


#57
2,4-Dinitrotoluene
Concen: 6.293 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136184.D
Acq: 24 Nov 2023 17:37

Instrument :
BNA_F
ClientSampleId :

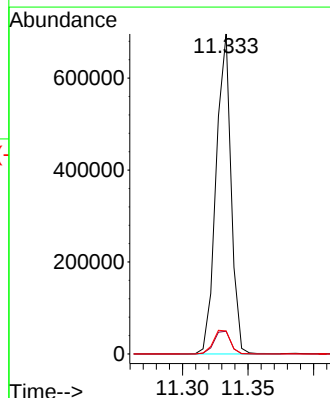
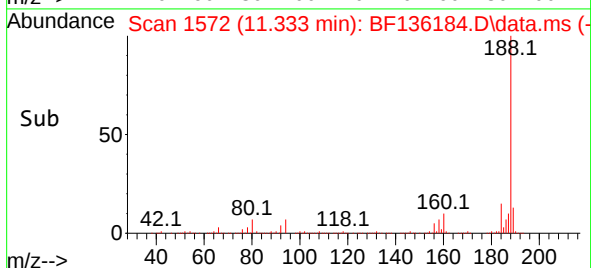
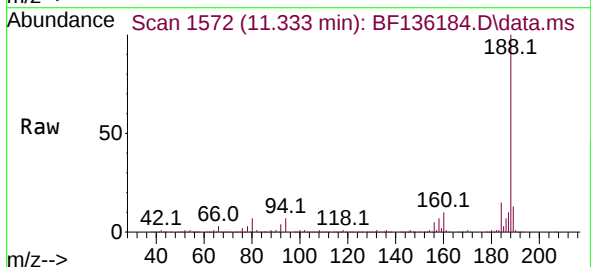


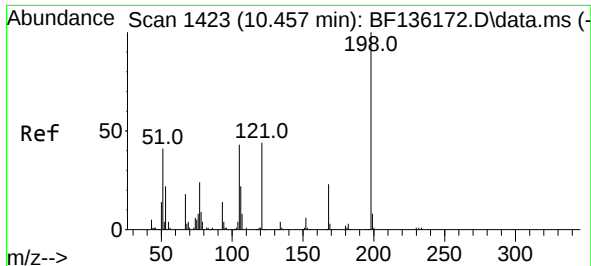
Tgt Ion:165 Resp: 34028
Ion Ratio Lower Upper
165 100
63 1.4 31.4 47.0#
89 1.3 51.6 77.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF136184.D
Acq: 24 Nov 2023 17:37

Tgt Ion:188 Resp: 551743
Ion Ratio Lower Upper
188 100
94 7.1 6.6 9.8
80 7.2 7.3 10.9#

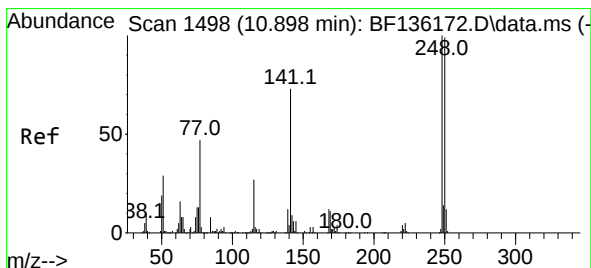
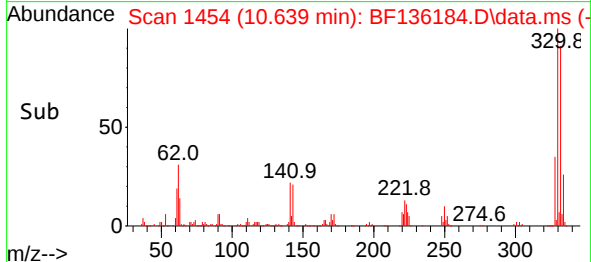
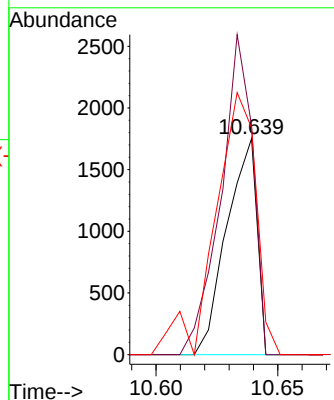
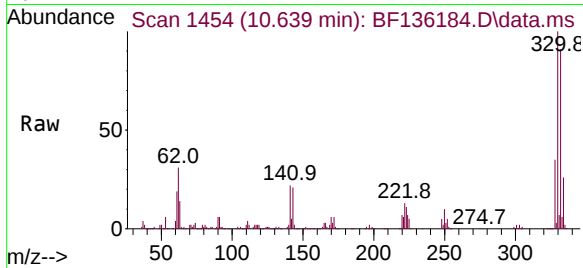




#65
4,6-Dinitro-2-methylphenol
Concen: 5.139 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.194 min
Lab File: BF136184.D
Acq: 24 Nov 2023 17:37

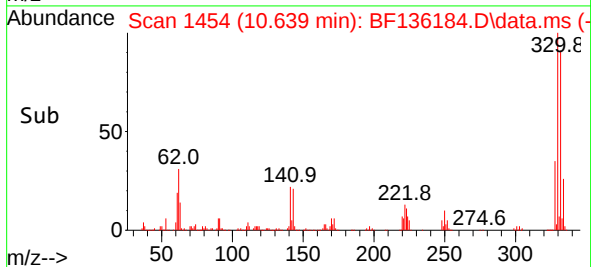
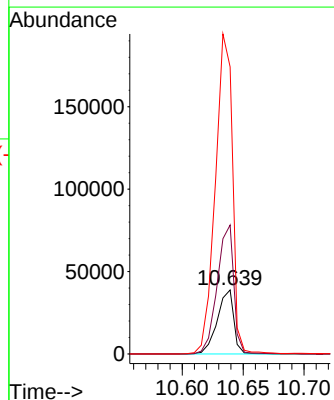
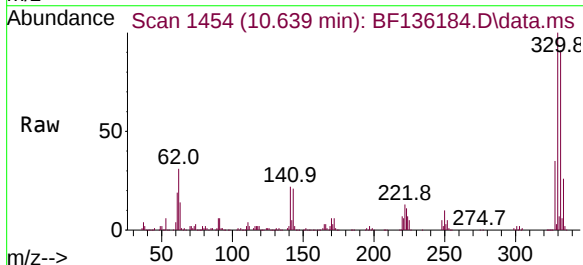
Instrument :
BNA_F
ClientSampleId :

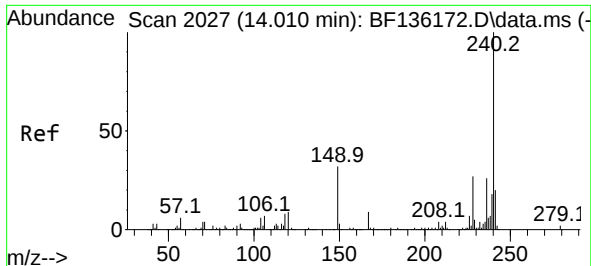
Tgt Ion:198 Resp: 1504
Ion Ratio Lower Upper
198 100
51 106.0 27.3 67.3#
105 104.9 24.2 64.2#



#67
4-Bromophenyl-phenylether
Concen: 5.962 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF136184.D
Acq: 24 Nov 2023 17:37

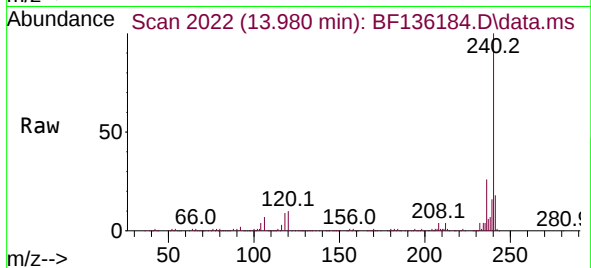
Tgt Ion:248 Resp: 36638
Ion Ratio Lower Upper
248 100
250 201.4 79.0 118.4#
141 448.2 58.8 88.2#



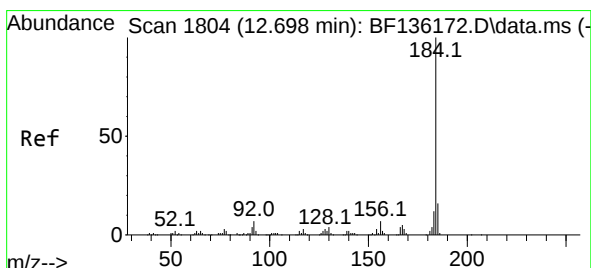
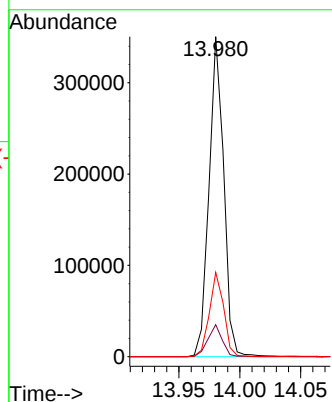
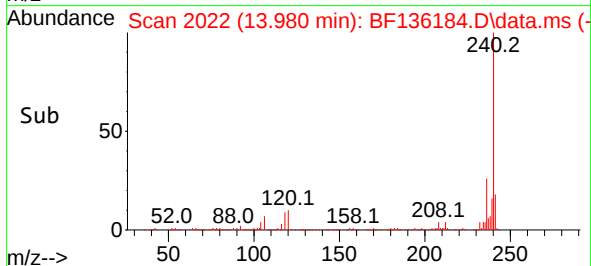


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF136184.D
Acq: 24 Nov 2023 17:37

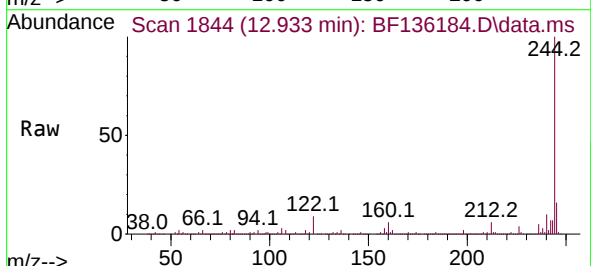
Instrument :
BNA_F
ClientSampleId :



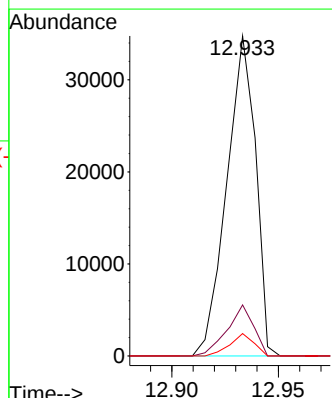
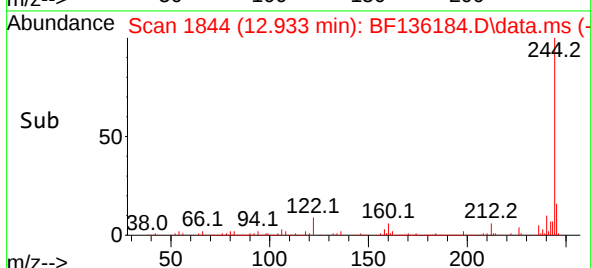
Tgt Ion:240 Resp: 294980
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 26.4 20.9 31.3

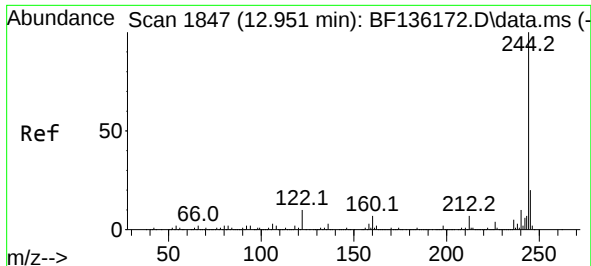


#77
Benzidine
Concen: 6.414 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.253 min
Lab File: BF136184.D
Acq: 24 Nov 2023 17:37



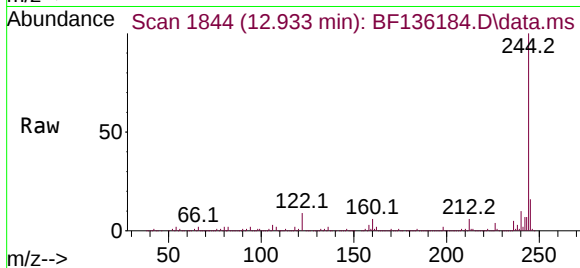
Tgt Ion:184 Resp: 32762
Ion Ratio Lower Upper
184 100
185 16.0 12.6 18.8
183 7.0 9.2 13.8



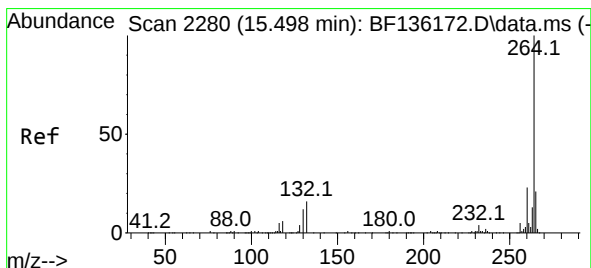
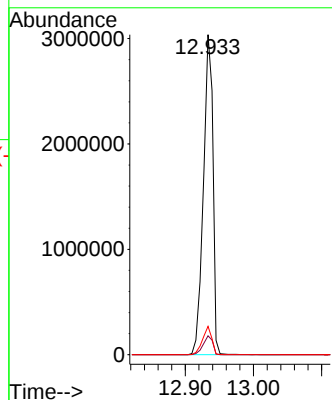
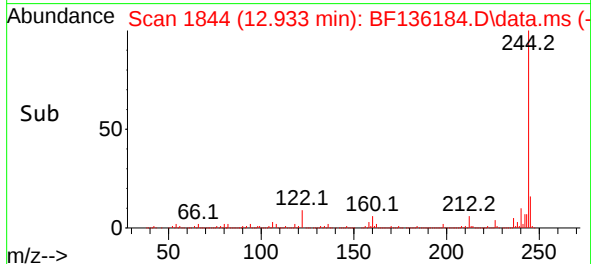


#79
 Terphenyl-d14
 Concen: 141.387 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF136184.D
 Acq: 24 Nov 2023 17:37

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 2938150
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.4 8.0
 122 8.8 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF136184.D
 Acq: 24 Nov 2023 17:37

Tgt Ion:264 Resp: 263055
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.5 27.7
 265 20.8 16.9 25.3

