

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136187.D
 Acq On : 24 Nov 2023 19:13
 Operator : CG\JU
 Sample : 05451-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 24 23:08:48 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)

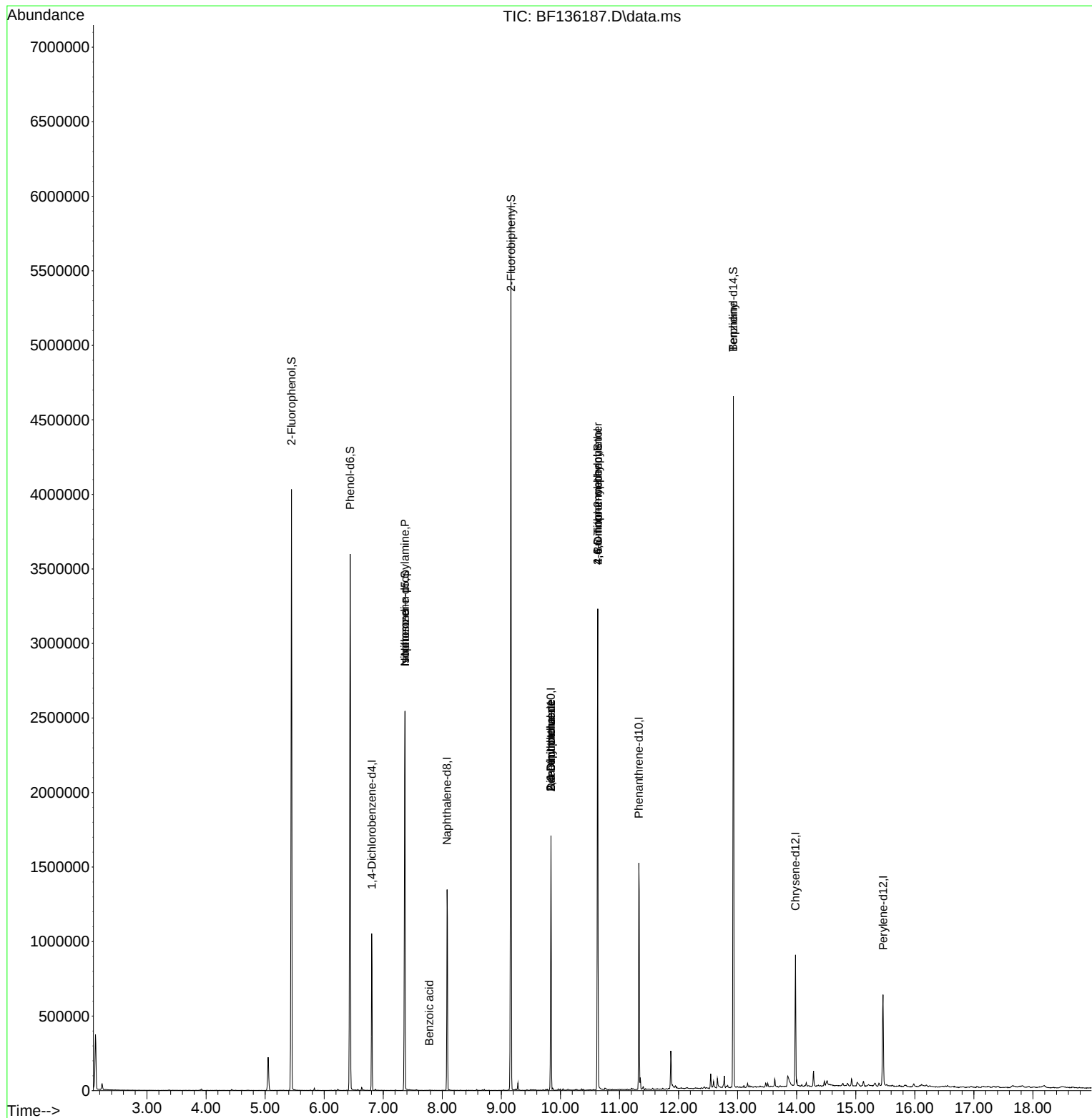
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	140879	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	599032	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	294887	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	553469	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	265491	20.000	ng	0.00
86) Perylene-d12	15.462	264	282170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1068776	120.795	ng	0.01
7) Phenol-d6	6.440	99	1342819	123.336	ng	0.00
23) Nitrobenzene-d5	7.369	82	800589	74.579	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	390640	126.483	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1642555	82.337	ng	0.00
79) Terphenyl-d14	12.927	244	1632011	87.257	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	106341	16.920	ng	# 78
25) Isophorone	7.369	82	800579	43.215	ng	# 64
32) Benzoic acid	7.781	122	140	5.025	ng	# 32
50) Dimethylphthalate	9.839	163	59073	2.965	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	34553	7.992	ng	# 23
57) 2,4-Dinitrotoluene	9.839	165	34553	6.293	ng	# 29
65) 4,6-Dinitro-2-methylph...	10.633	198	860	4.956	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	22638	3.673	ng	# 1
77) Benzidine	12.927	184	18633	4.053	ng	# 93

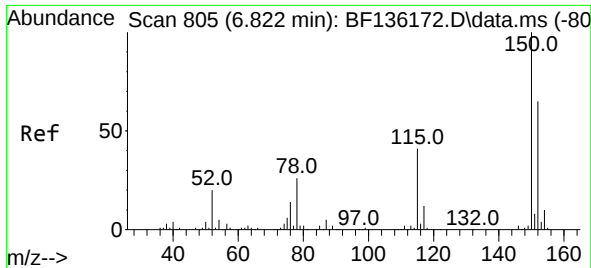
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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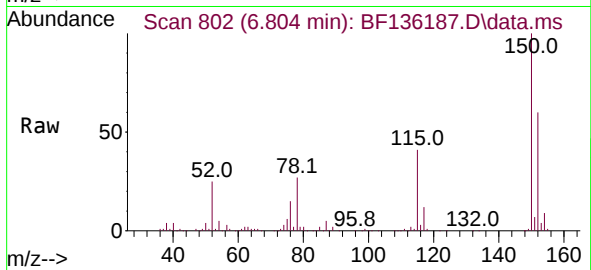
Quant Time: Nov 24 23:08:48 2023
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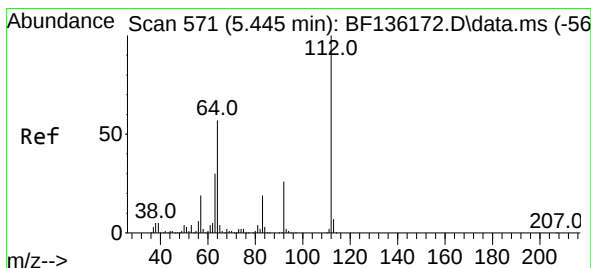
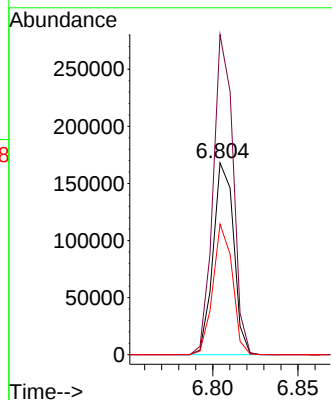
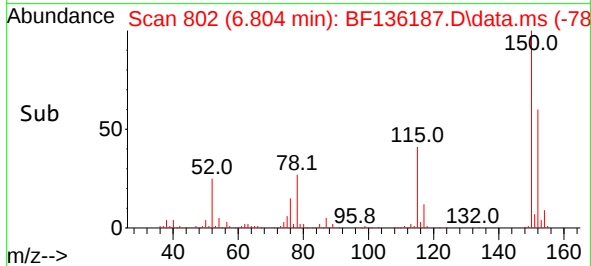


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136187.D
Acq: 24 Nov 2023 19:13

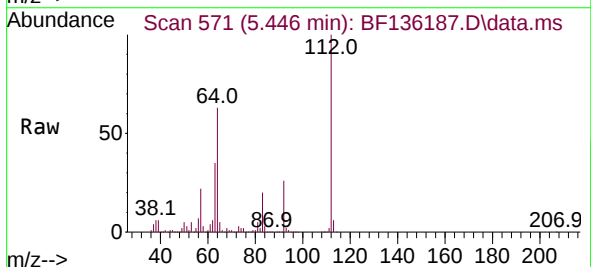
Instrument :
BNA_F
ClientSampleId :



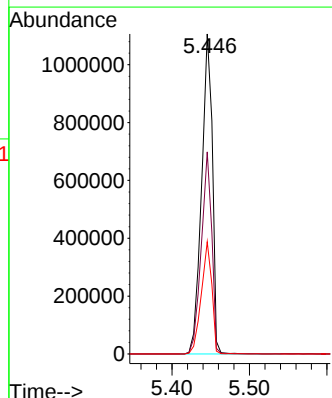
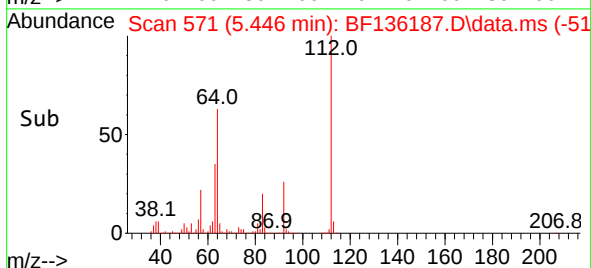
Tgt Ion:152 Resp: 140879
Ion Ratio Lower Upper
152 100
150 166.8 123.1 184.7
115 68.1 50.5 75.7

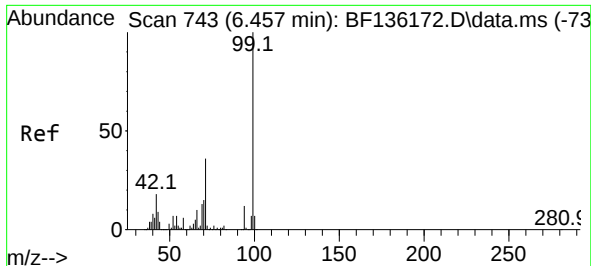


#5
2-Fluorophenol
Concen: 120.795 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF136187.D
Acq: 24 Nov 2023 19:13



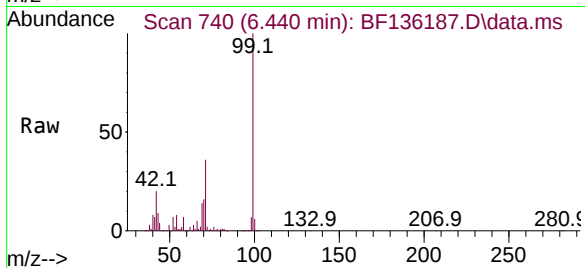
Tgt Ion:112 Resp: 1068776
Ion Ratio Lower Upper
112 100
64 63.2 45.4 68.0
63 35.0 24.4 36.6





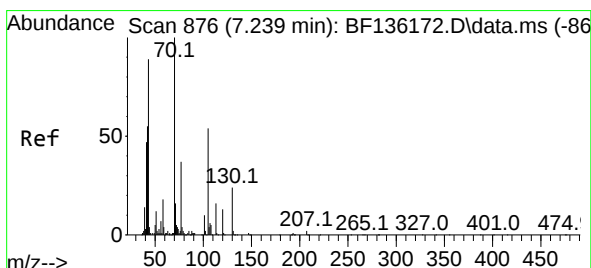
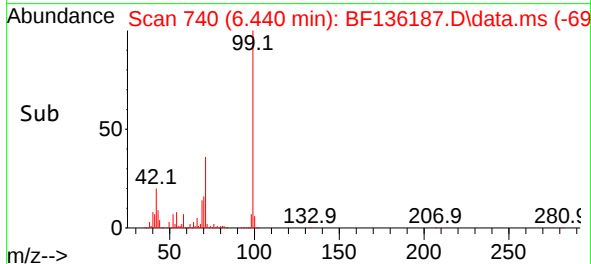
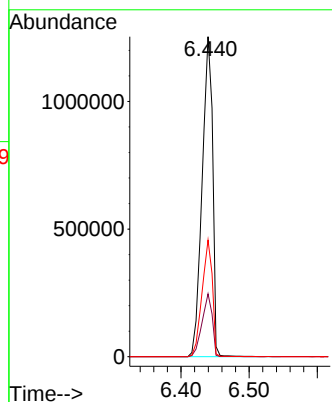
#7
Phenol-d6
Concen: 123.336 ng
RT: 6.440 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136187.D
Acq: 24 Nov 2023 19:13

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1342819

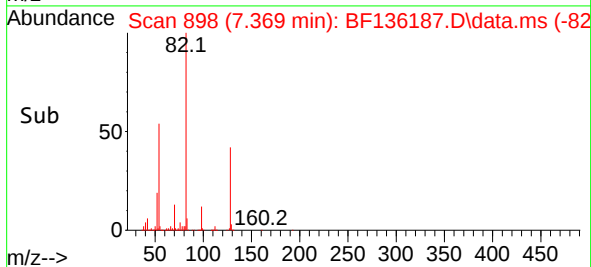
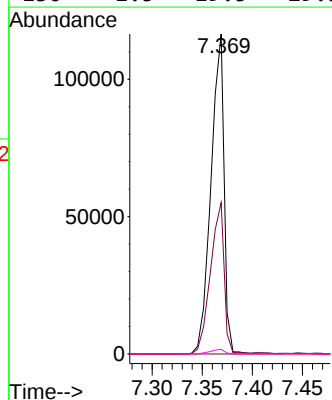
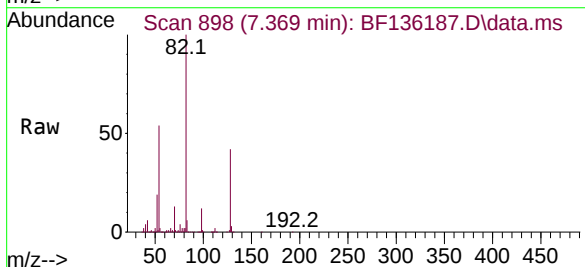
Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.1	21.1
71	36.4	29.0	43.4

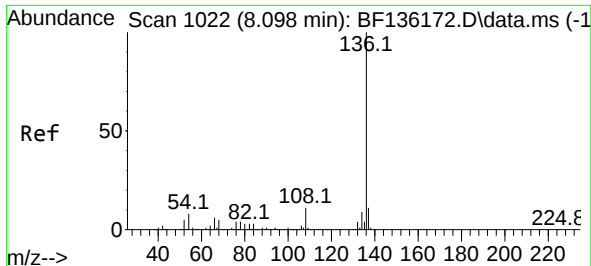


#19
n-Nitroso-di-n-propylamine
Concen: 16.920 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF136187.D
Acq: 24 Nov 2023 19:13

Tgt Ion: 70 Resp: 106341

Ion	Ratio	Lower	Upper
70	100		
42	47.3	43.9	65.9
101	0.0	8.1	12.1#
130	1.5	19.5	29.3#

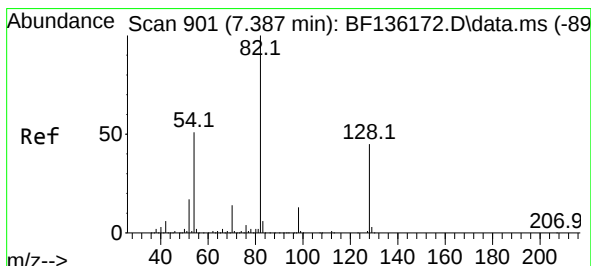
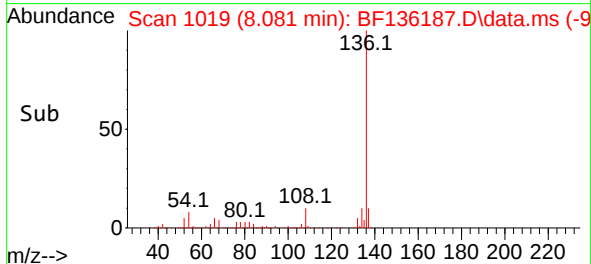
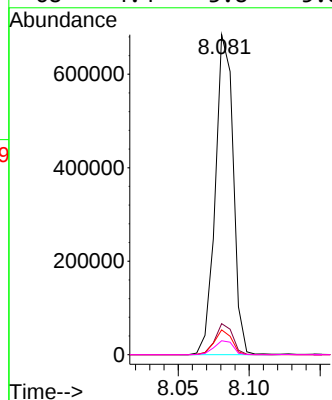
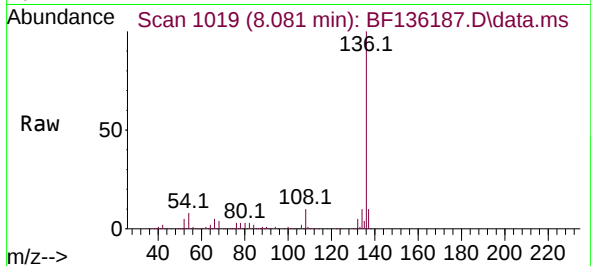




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136187.D
Acq: 24 Nov 2023 19:13

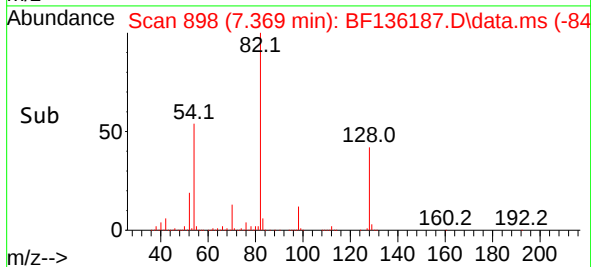
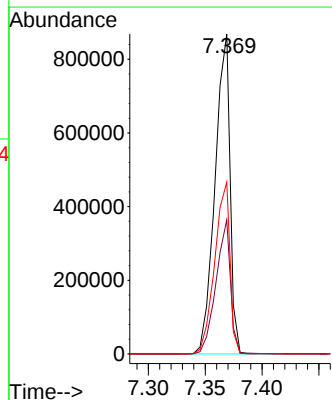
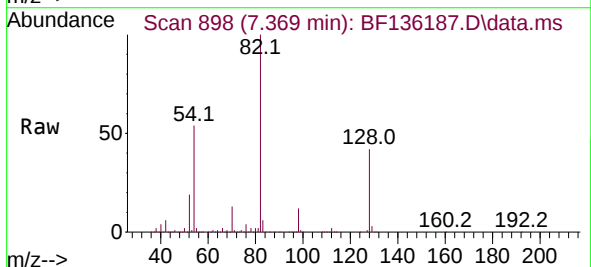
Instrument :
BNA_F
ClientSampleId :

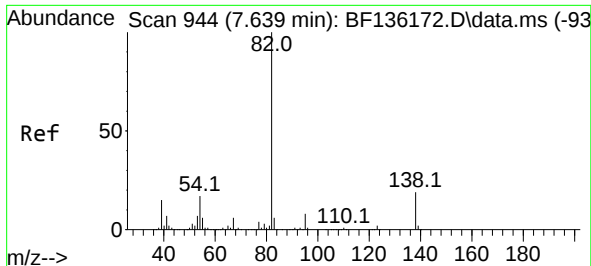
Tgt Ion:136 Resp: 599032
Ion Ratio Lower Upper
136 100
137 9.7 8.6 13.0
54 7.8 6.3 9.5
68 4.4 3.8 5.8



#23
Nitrobenzene-d5
Concen: 74.579 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136187.D
Acq: 24 Nov 2023 19:13

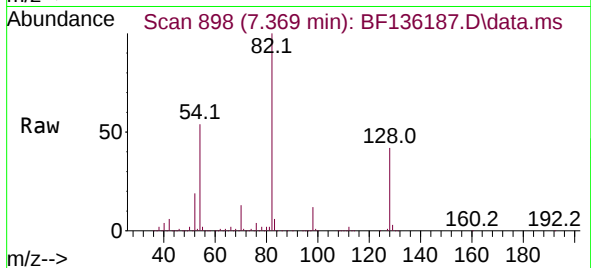
Tgt Ion: 82 Resp: 800589
Ion Ratio Lower Upper
82 100
128 41.9 35.8 53.6
54 53.7 40.6 60.8



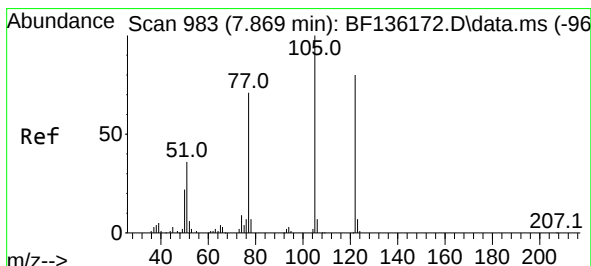
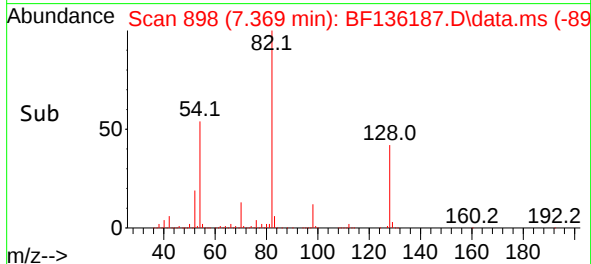
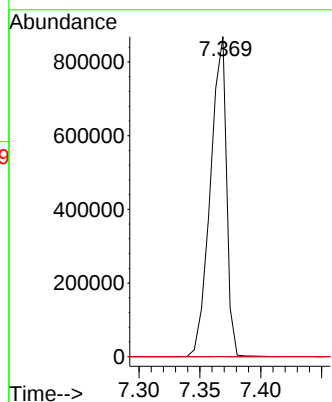


#25
Isophorone
Concen: 43.215 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.259 min
Lab File: BF136187.D
Acq: 24 Nov 2023 19:13

Instrument :
BNA_F
ClientSampleId :

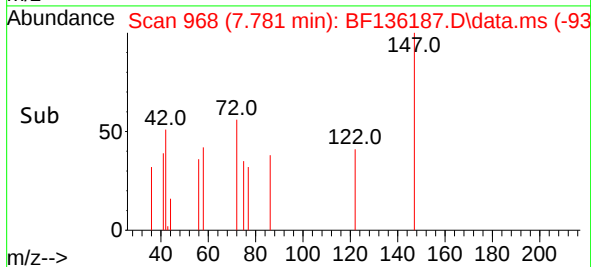
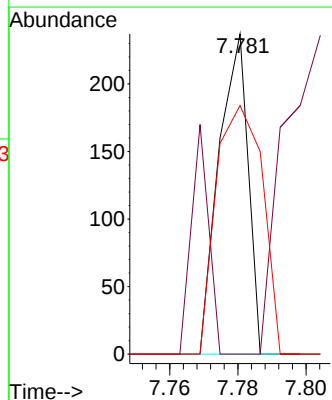
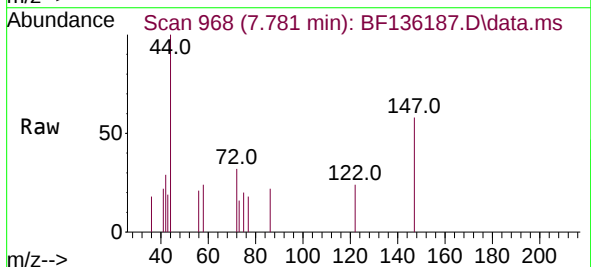


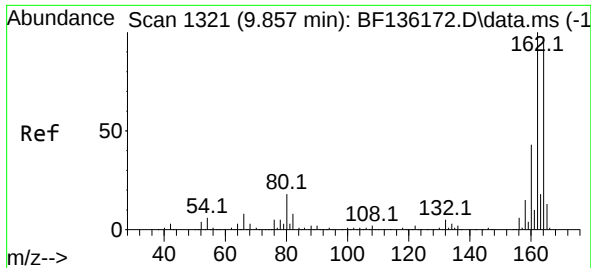
Tgt Ion: 82 Resp: 800579
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 14.8 22.2#



#32
Benzoic acid
Concen: 5.025 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.077 min
Lab File: BF136187.D
Acq: 24 Nov 2023 19:13

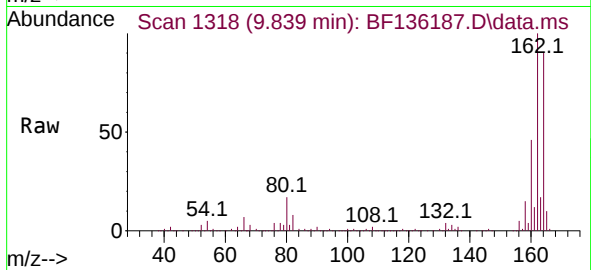
Tgt Ion:122 Resp: 140
Ion Ratio Lower Upper
122 100
105 0.0 102.5 142.5#
77 77.6 68.1 108.1



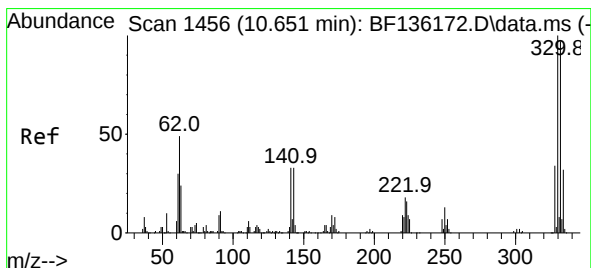
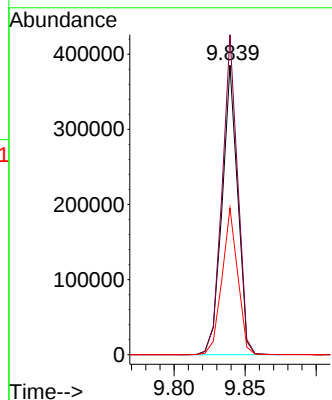
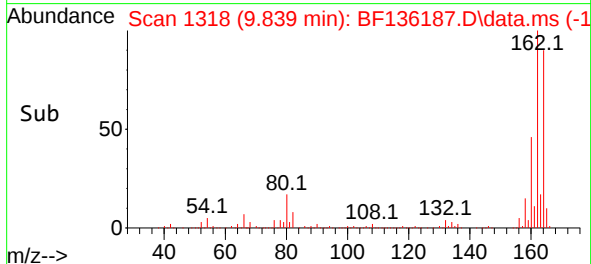


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136187.D
Acq: 24 Nov 2023 19:13

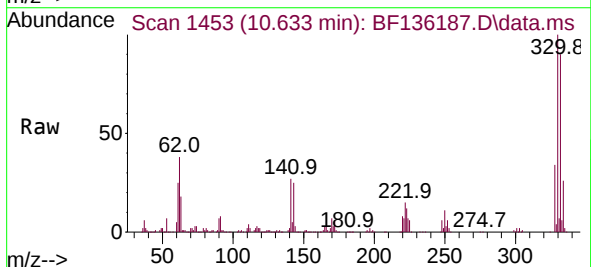
Instrument :
BNA_F
ClientSampleId :



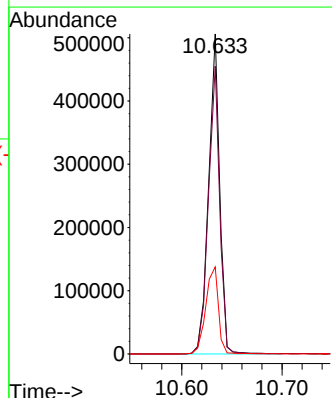
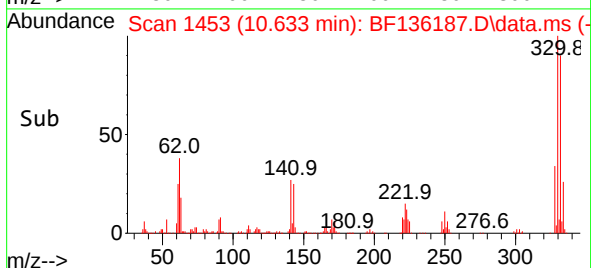
Tgt Ion:164 Resp: 294887
Ion Ratio Lower Upper
164 100
162 110.6 83.2 124.8
160 50.7 35.8 53.8

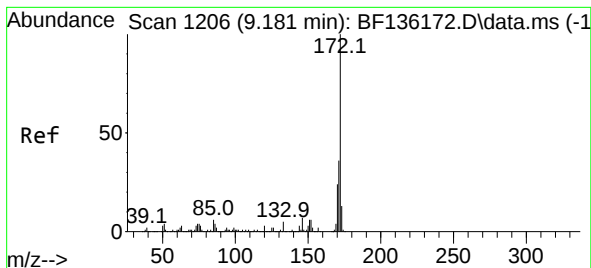


#42
2,4,6-Tribromophenol
Concen: 126.483 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136187.D
Acq: 24 Nov 2023 19:13



Tgt Ion:330 Resp: 390640
Ion Ratio Lower Upper
330 100
332 91.6 77.6 116.4
141 31.1 25.8 38.6





#45

2-Fluorobiphenyl

Concen: 82.337 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136187.D

Acq: 24 Nov 2023 19:13

Instrument :

BNA_F

ClientSampleId :

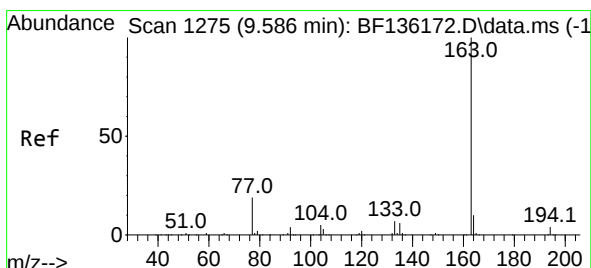
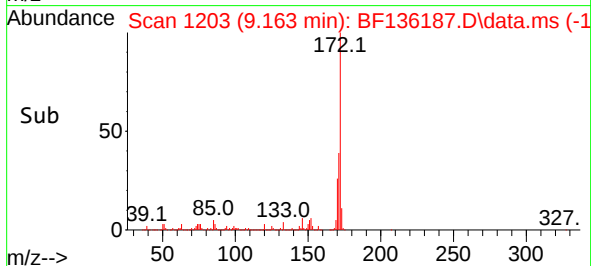
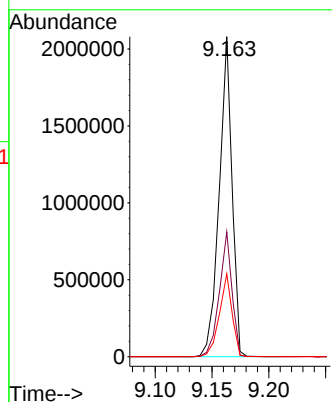
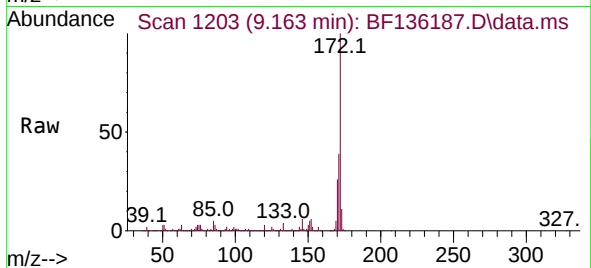
Tgt Ion:172 Resp: 1642555

Ion Ratio Lower Upper

172 100

171 39.0 28.9 43.3

170 25.9 19.1 28.7



#50

Dimethylphthalate

Concen: 2.965 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.264 min

Lab File: BF136187.D

Acq: 24 Nov 2023 19:13

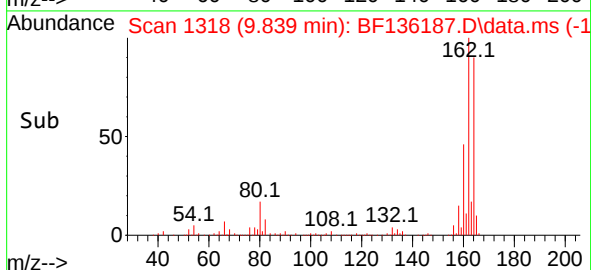
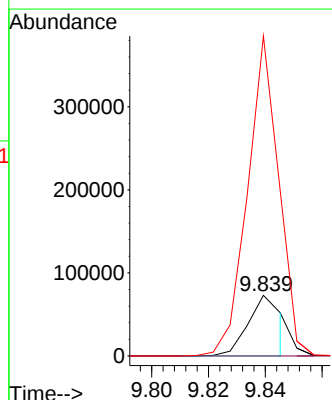
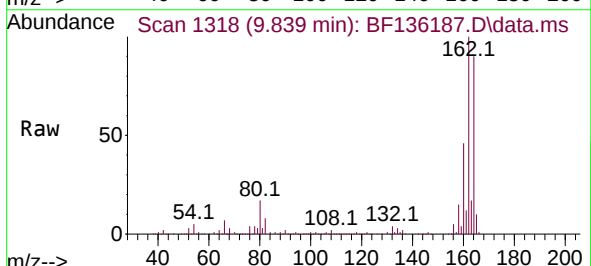
Tgt Ion:163 Resp: 59073

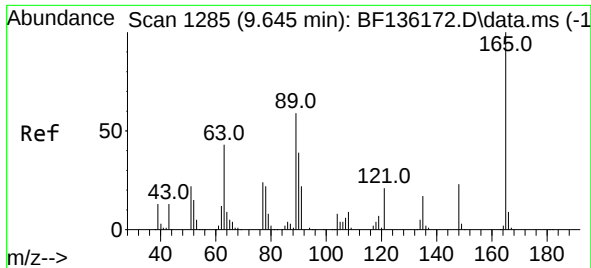
Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

164 528.1 7.8 11.8#

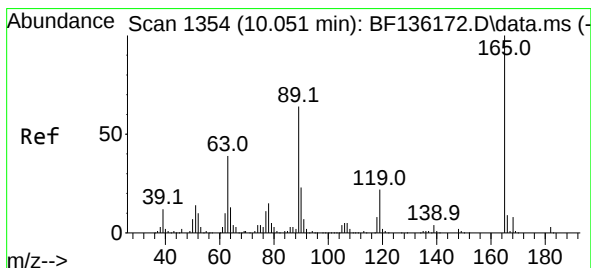
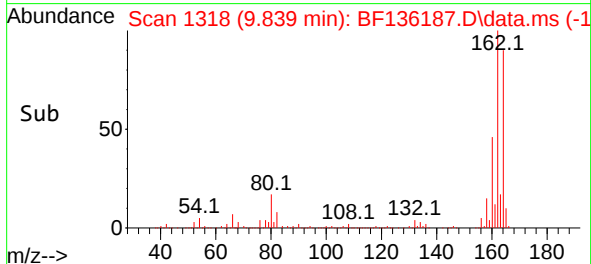
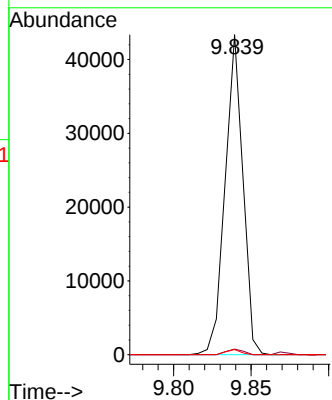
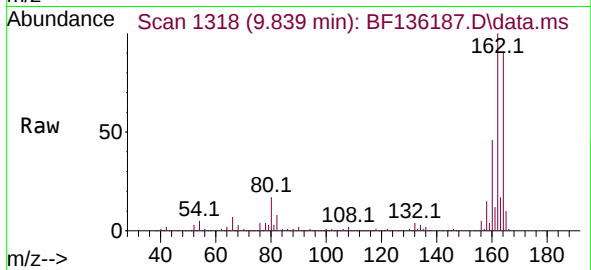




#51
2,6-Dinitrotoluene
Concen: 7.992 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF136187.D
Acq: 24 Nov 2023 19:13

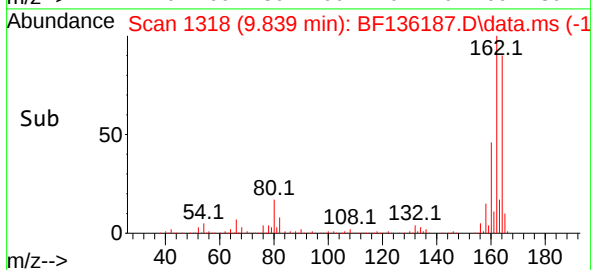
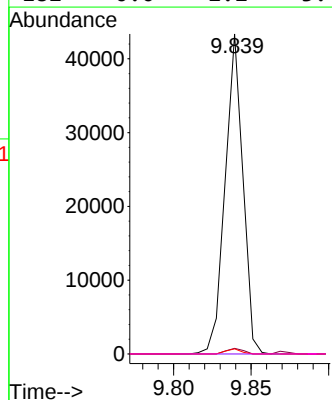
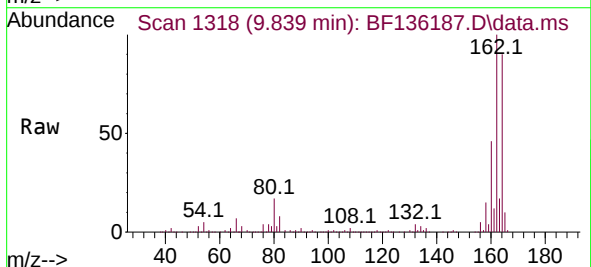
Instrument :
BNA_F
ClientSampleId :

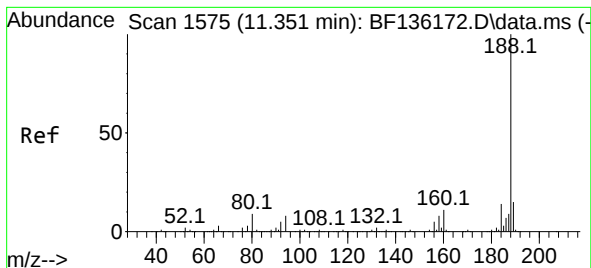
Tgt Ion:165 Resp: 34553
Ion Ratio Lower Upper
165 100
63 1.8 48.0 72.0#
89 1.6 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.293 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136187.D
Acq: 24 Nov 2023 19:13

Tgt Ion:165 Resp: 34553
Ion Ratio Lower Upper
165 100
63 1.8 31.4 47.0#
89 1.6 51.6 77.4#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136187.D

Acq: 24 Nov 2023 19:13

Instrument :

BNA_F

ClientSampleId :

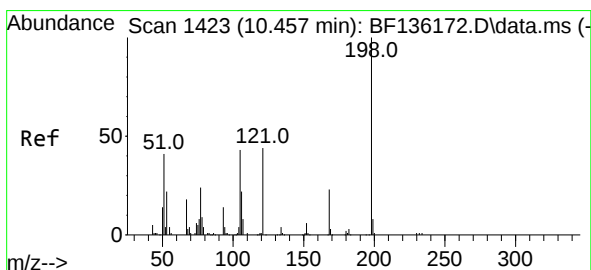
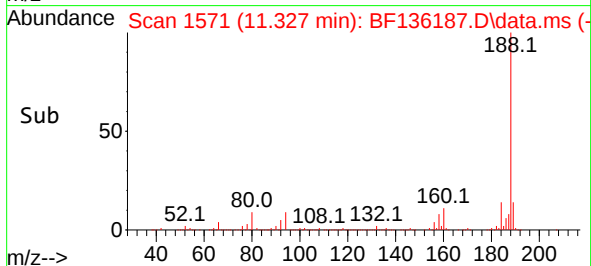
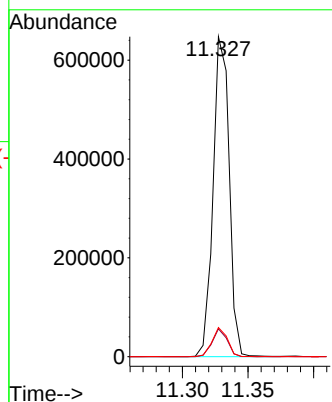
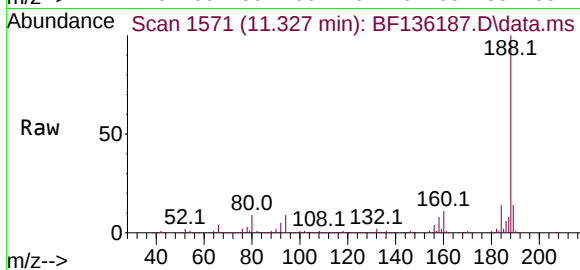
Tgt Ion:188 Resp: 553469

Ion Ratio Lower Upper

188 100

94 8.7 6.6 9.8

80 9.1 7.3 10.9



#65

4,6-Dinitro-2-methylphenol

Concen: 4.956 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.188 min

Lab File: BF136187.D

Acq: 24 Nov 2023 19:13

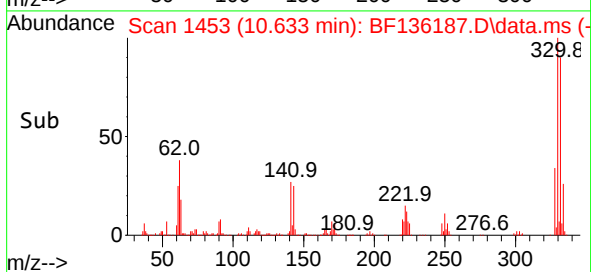
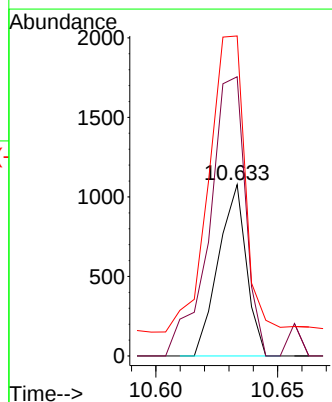
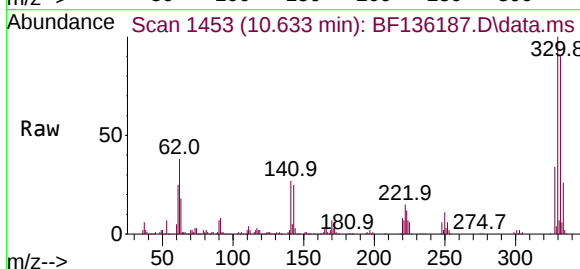
Tgt Ion:198 Resp: 860

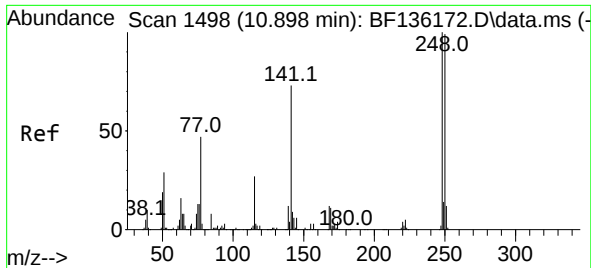
Ion Ratio Lower Upper

198 100

51 162.9 27.3 67.3#

105 186.6 24.2 64.2#

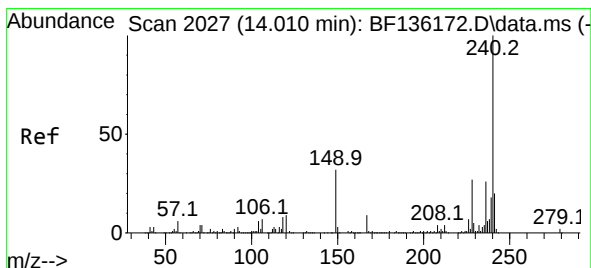
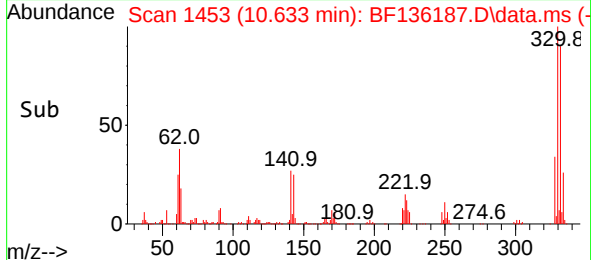
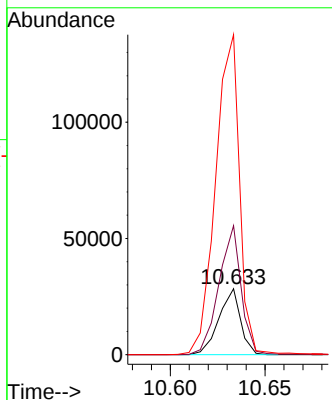
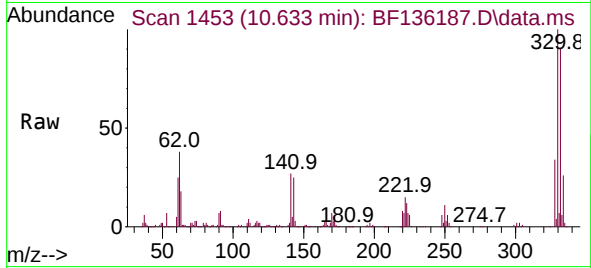




#67
4-Bromophenyl-phenylether
Concen: 3.673 ng
RT: 10.633 min Scan# 1498
Delta R.T. -0.253 min
Lab File: BF136187.D
Acq: 24 Nov 2023 19:13

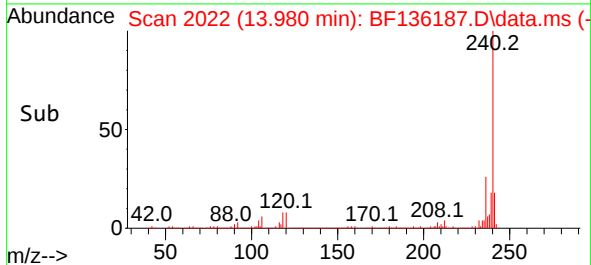
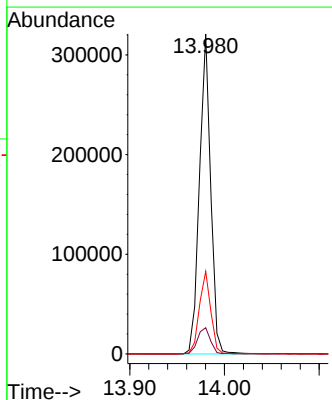
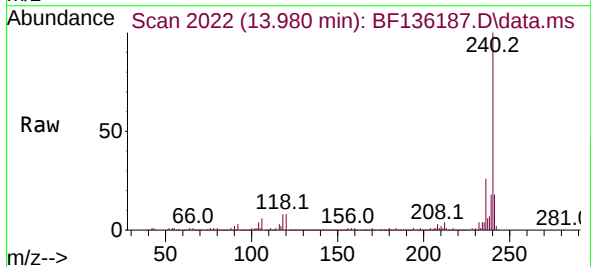
Instrument :
BNA_F
ClientSampleId :

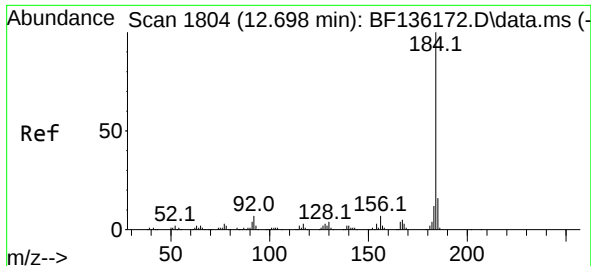
Tgt Ion:248 Resp: 22638
Ion Ratio Lower Upper
248 100
250 195.4 79.0 118.4#
141 485.0 58.8 88.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136187.D
Acq: 24 Nov 2023 19:13

Tgt Ion:240 Resp: 265491
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 25.8 20.9 31.3

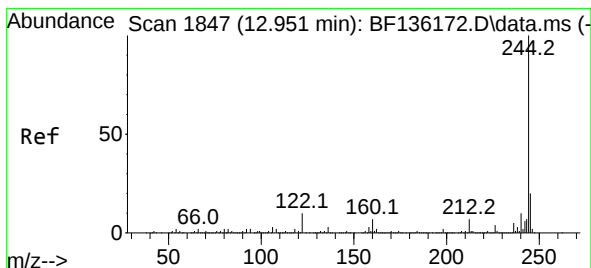
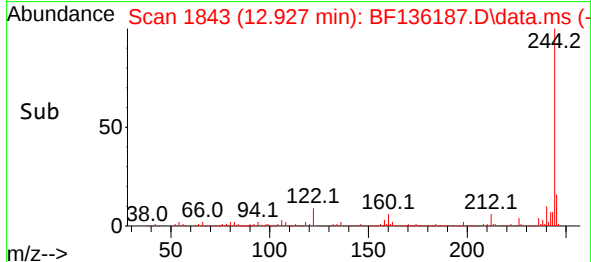
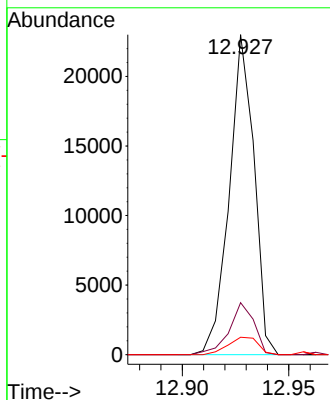
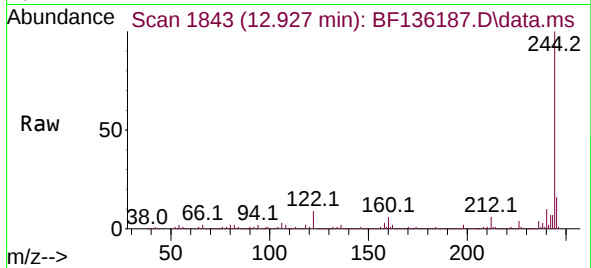




#77
Benzidine
Concen: 4.053 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF136187.D
Acq: 24 Nov 2023 19:13

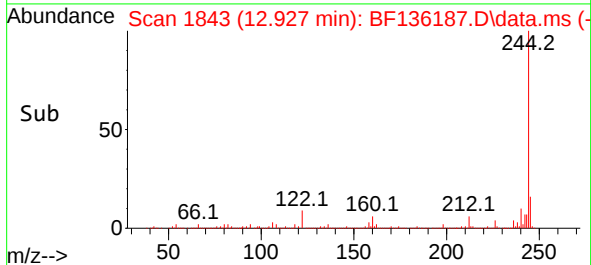
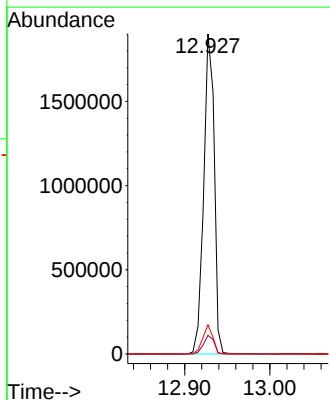
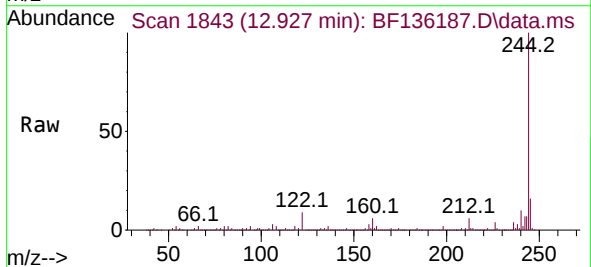
Instrument :
BNA_F
ClientSampleId :

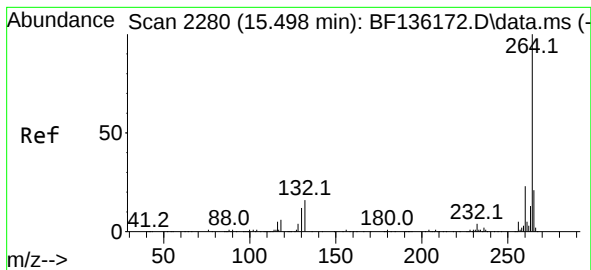
Tgt Ion:184 Resp: 18633
Ion Ratio Lower Upper
184 100
185 16.3 12.6 18.8
183 5.5 9.2 13.8#



#79
Terphenyl-d14
Concen: 87.257 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF136187.D
Acq: 24 Nov 2023 19:13

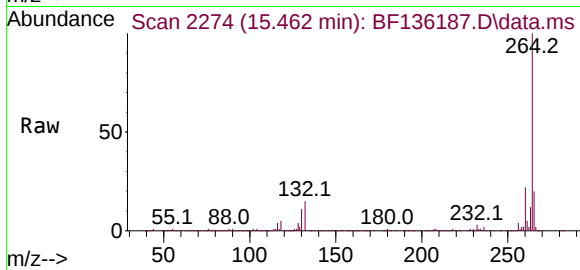
Tgt Ion:244 Resp: 1632011
Ion Ratio Lower Upper
244 100
212 5.8 5.4 8.0
122 9.1 8.1 12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136187.D
Acq: 24 Nov 2023 19:13

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 282170

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.5	27.7
265	20.0	16.9	25.3

