

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136197.D
 Acq On : 25 Nov 2023 01:12
 Operator : CG\JU
 Sample : PB156988BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 03:59:01 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 23:44:28 2023
 Response via : Initial Calibration

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

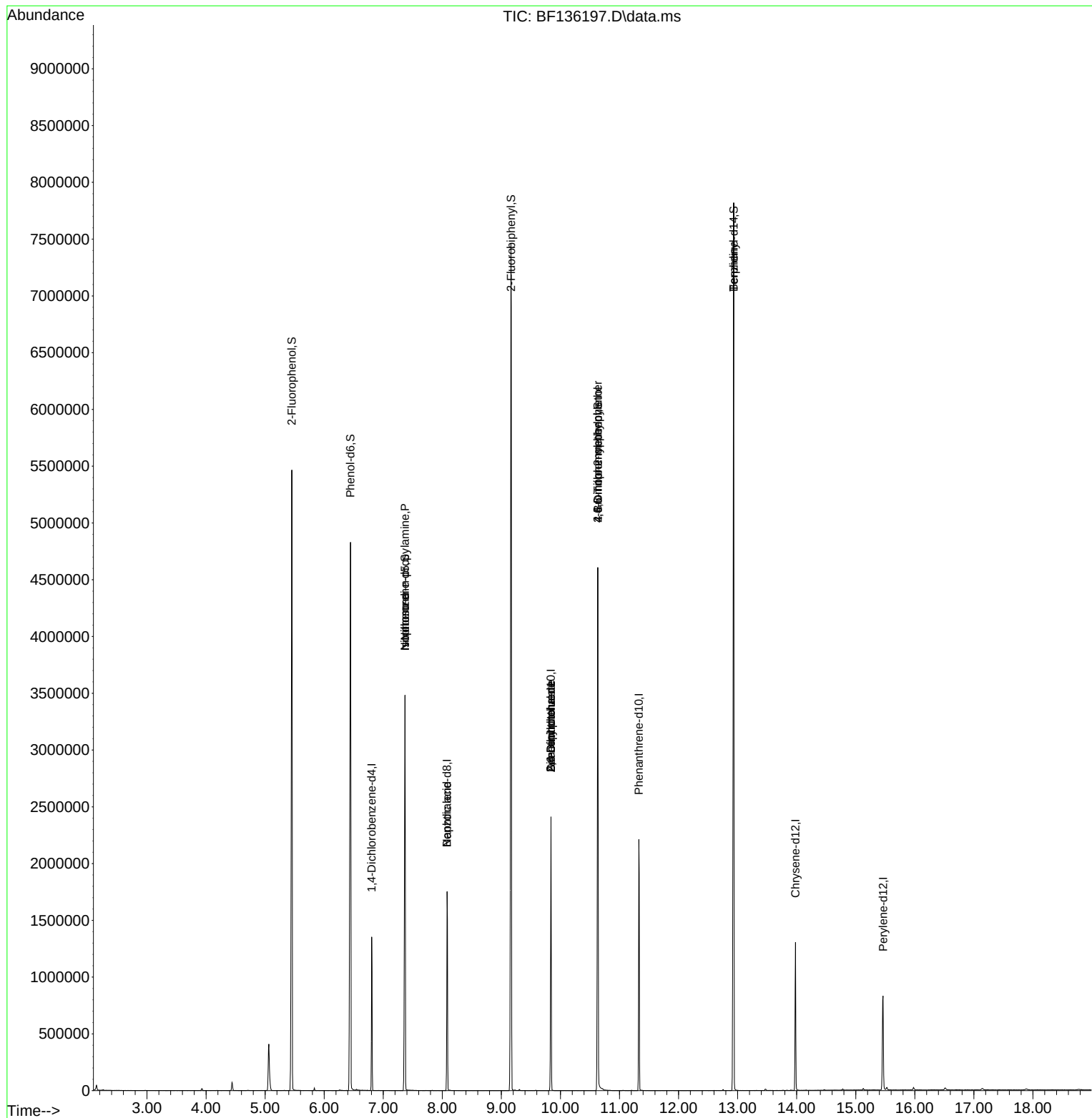
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	175920	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	798548	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	408312	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	795477	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	396915	20.000	ng	0.00
86) Perylene-d12	15.462	264	399322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1661304	150.364	ng	0.02
7) Phenol-d6	6.445	99	2027936	149.161	ng	0.00
23) Nitrobenzene-d5	7.369	82	1250640	87.396	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	637413	149.053	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2671715	96.723	ng	0.00
79) Terphenyl-d14	12.933	244	2938683	105.095	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	166325	21.193	ng	# 76
25) Isophorone	7.369	82	1250622	50.642	ng	# 64
32) Benzoic acid	8.080	122	174	5.023	ng	# 1
50) Dimethylphthalate	9.839	163	87793	3.182	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	48317	8.071	ng	# 23
57) 2,4-Dinitrotoluene	9.839	165	48317	6.355	ng	# 28
65) 4,6-Dinitro-2-methylph...	10.633	198	1256	4.960	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	34009	3.839	ng	# 1
77) Benzidine	12.933	184	32668	4.753	ng	# 94

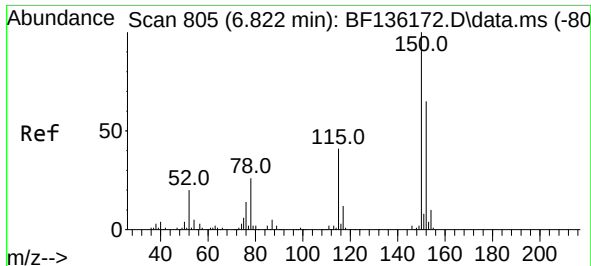
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
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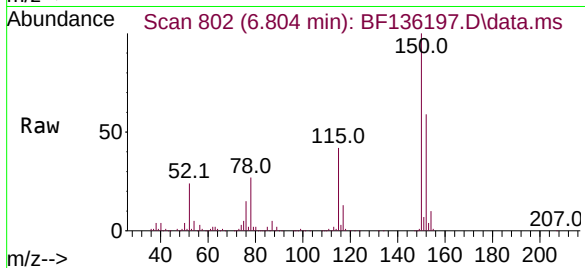
Quant Time: Nov 25 03:59:01 2023
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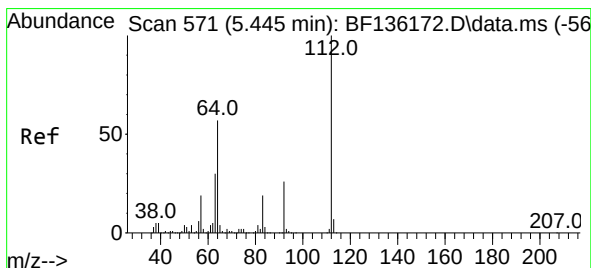
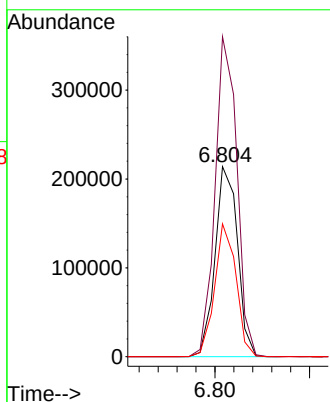
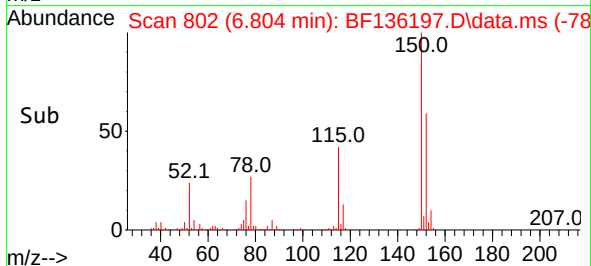


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 805
 Delta R.T. -0.006 min
 Lab File: BF136197.D
 Acq: 25 Nov 2023 01:12

Instrument :
 BNA_F
 ClientSampleId :

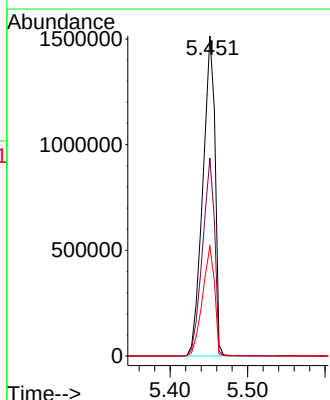
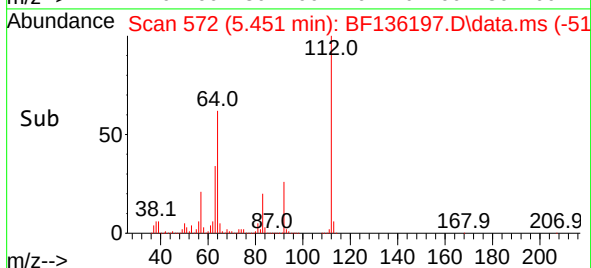
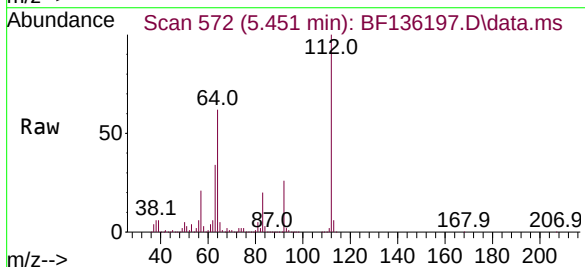


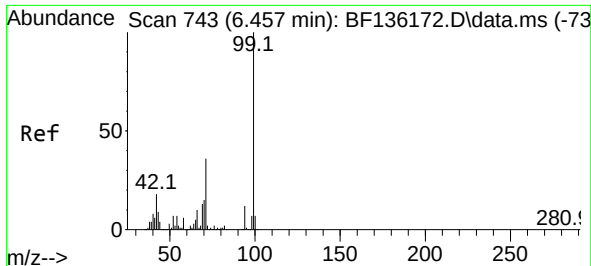
Tgt Ion:152 Resp: 175920
 Ion Ratio Lower Upper
 152 100
 150 168.4 123.1 184.7
 115 69.9 50.5 75.7



#5
 2-Fluorophenol
 Concen: 150.364 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.017 min
 Lab File: BF136197.D
 Acq: 25 Nov 2023 01:12

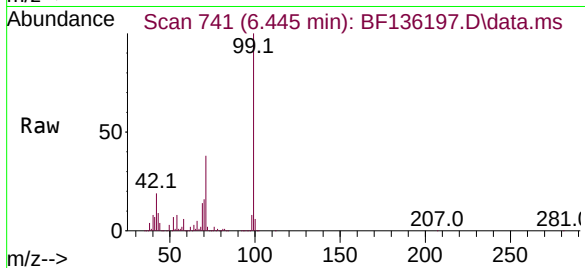
Tgt Ion:112 Resp: 1661304
 Ion Ratio Lower Upper
 112 100
 64 61.8 45.4 68.0
 63 34.2 24.4 36.6





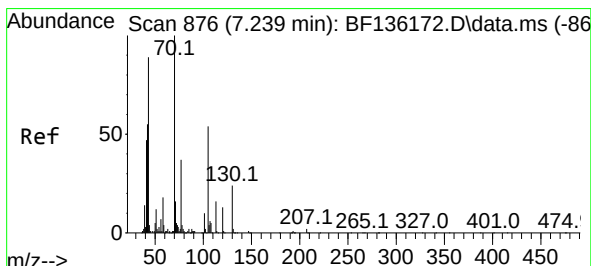
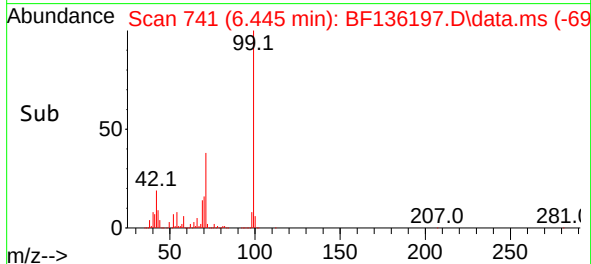
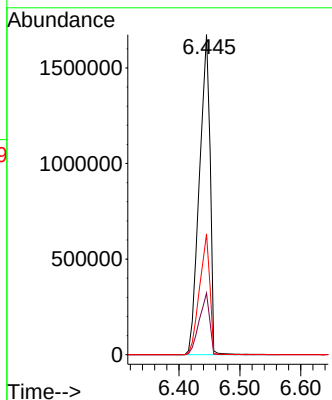
#7
Phenol-d6
Concen: 149.161 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136197.D
Acq: 25 Nov 2023 01:12

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 2027936

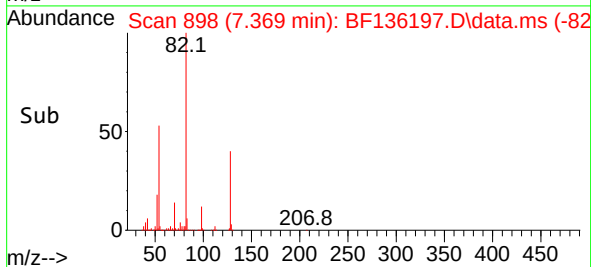
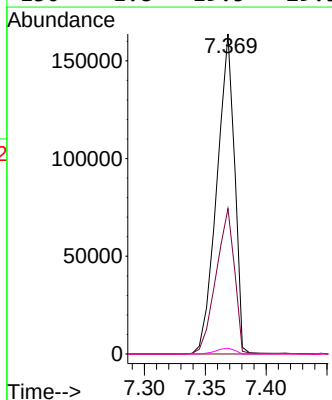
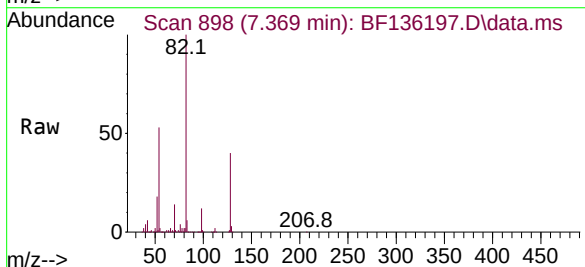
Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.1	21.1
71	37.8	29.0	43.4

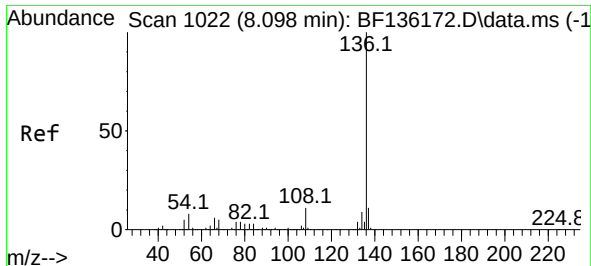


#19
n-Nitroso-di-n-propylamine
Concen: 21.193 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF136197.D
Acq: 25 Nov 2023 01:12

Tgt Ion: 70 Resp: 166325

Ion	Ratio	Lower	Upper
70	100		
42	45.5	43.9	65.9
101	0.0	8.1	12.1#
130	1.8	19.5	29.3#

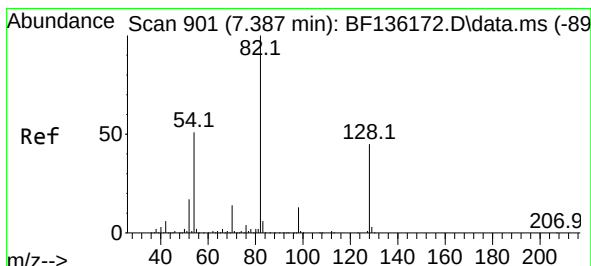
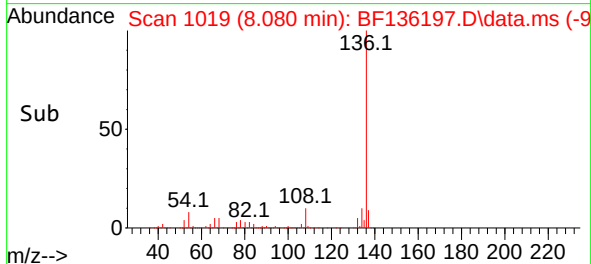
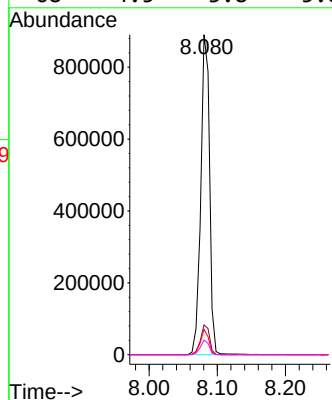
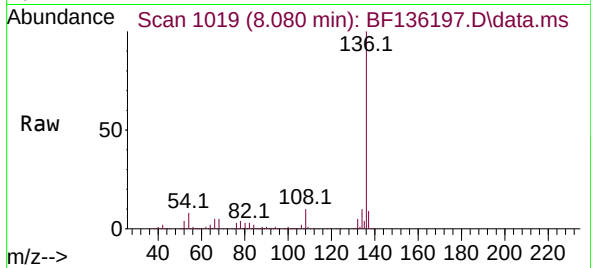




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136197.D
Acq: 25 Nov 2023 01:12

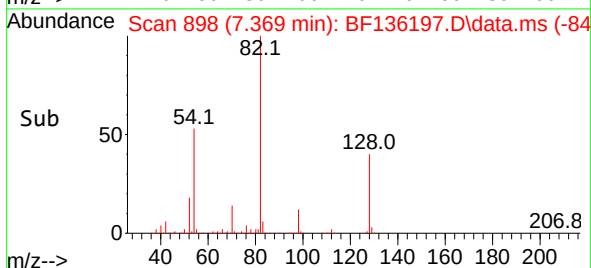
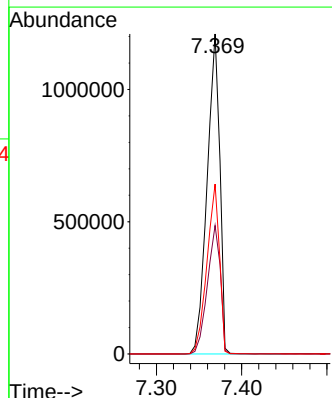
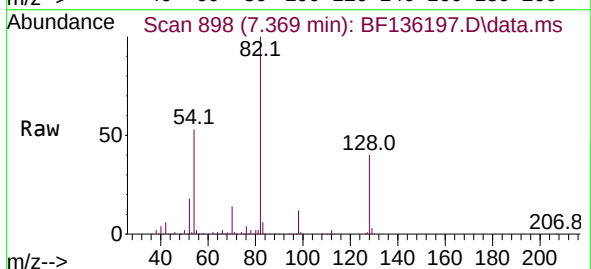
Instrument :
BNA_F
ClientSampleId :

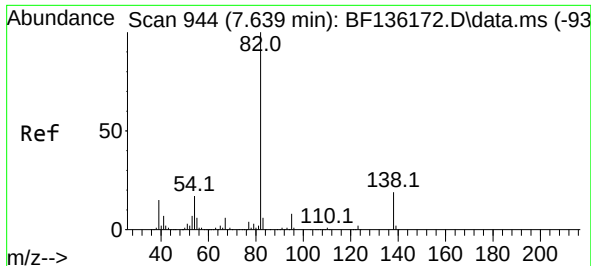
Tgt Ion:136 Resp: 798548
Ion Ratio Lower Upper
136 100
137 9.3 8.6 13.0
54 7.9 6.3 9.5
68 4.5 3.8 5.8



#23
Nitrobenzene-d5
Concen: 87.396 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136197.D
Acq: 25 Nov 2023 01:12

Tgt Ion: 82 Resp: 1250640
Ion Ratio Lower Upper
82 100
128 40.1 35.8 53.6
54 53.1 40.6 60.8

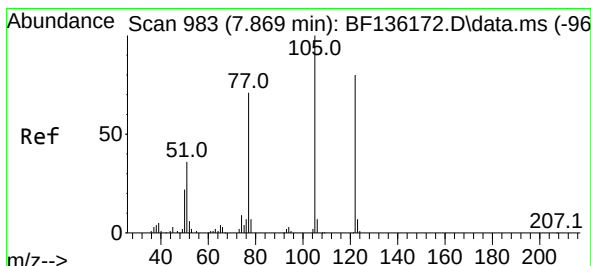
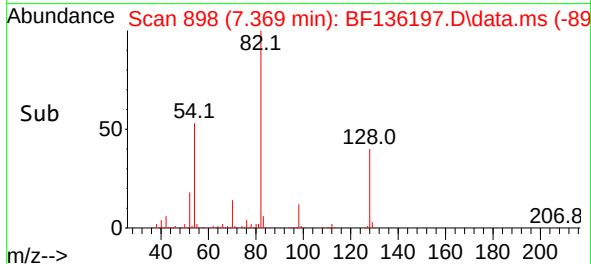
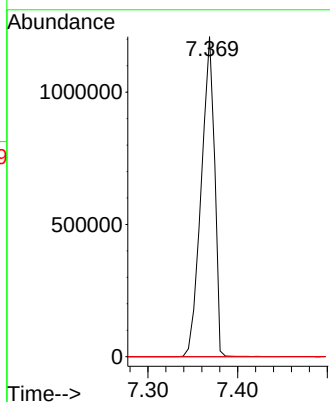
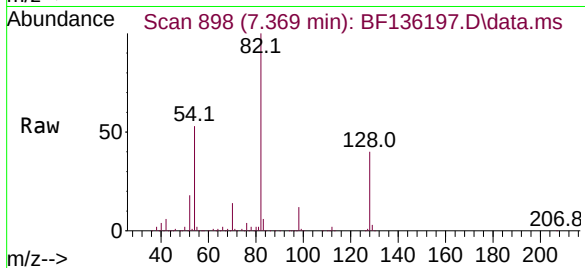




#25
Isophorone
Concen: 50.642 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136197.D
Acq: 25 Nov 2023 01:12

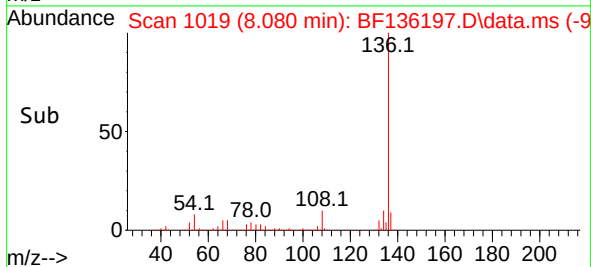
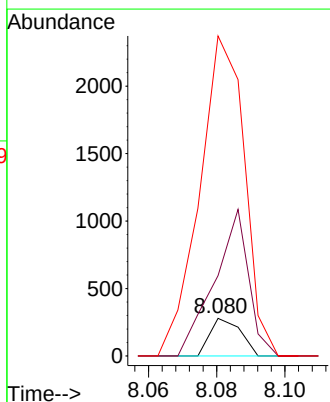
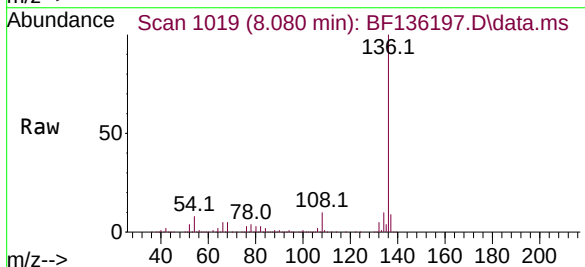
Instrument :
BNA_F
ClientSampleId :

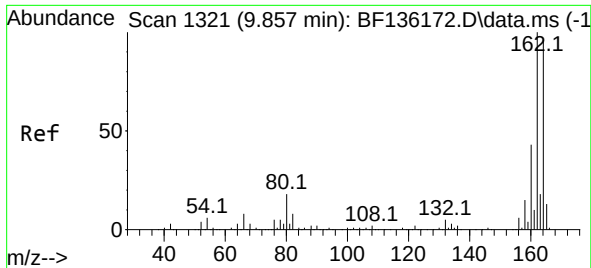
Tgt Ion: 82 Resp: 1250622
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 14.8 22.2#



#32
Benzoic acid
Concen: 5.023 ng
RT: 8.080 min Scan# 1019
Delta R.T. 0.223 min
Lab File: BF136197.D
Acq: 25 Nov 2023 01:12

Tgt Ion:122 Resp: 174
Ion Ratio Lower Upper
122 100
105 213.6 102.5 142.5#
77 850.2 68.1 108.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136197.D

Acq: 25 Nov 2023 01:12

Instrument :

BNA_F

ClientSampleId :

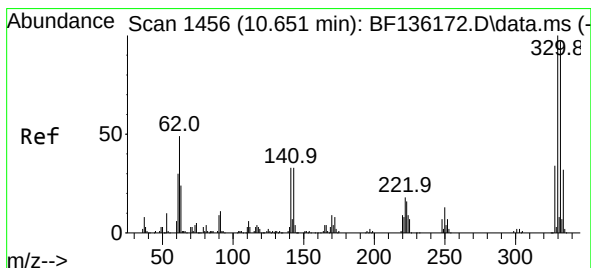
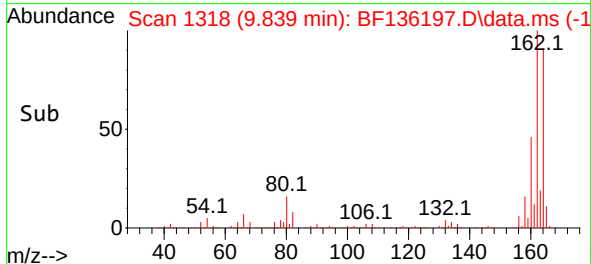
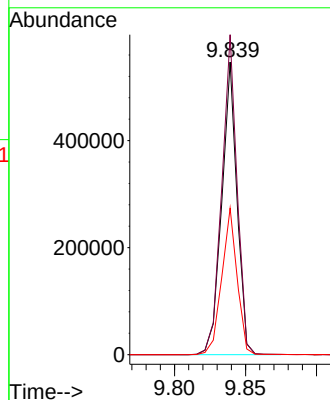
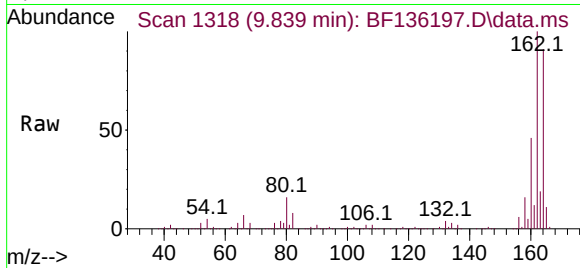
Tgt Ion:164 Resp: 408312

Ion Ratio Lower Upper

164 100

162 109.3 83.2 124.8

160 50.1 35.8 53.8



#42

2,4,6-Tribromophenol

Concen: 149.053 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF136197.D

Acq: 25 Nov 2023 01:12

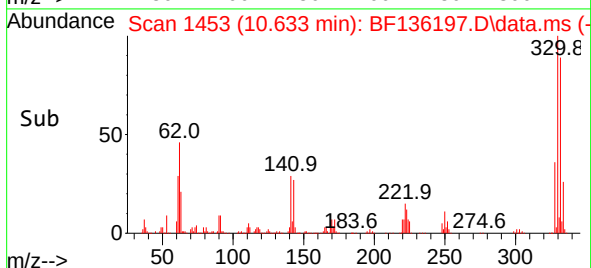
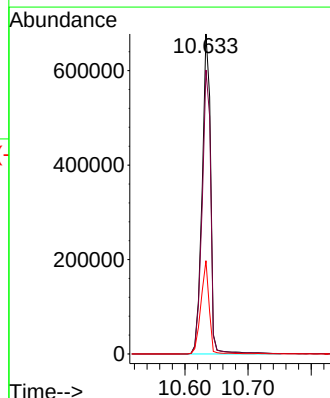
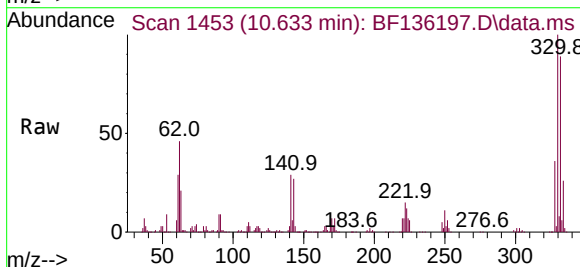
Tgt Ion:330 Resp: 637413

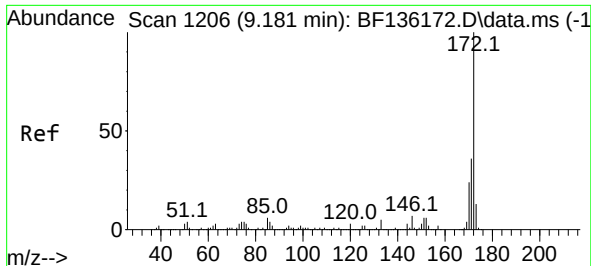
Ion Ratio Lower Upper

330 100

332 89.6 77.6 116.4

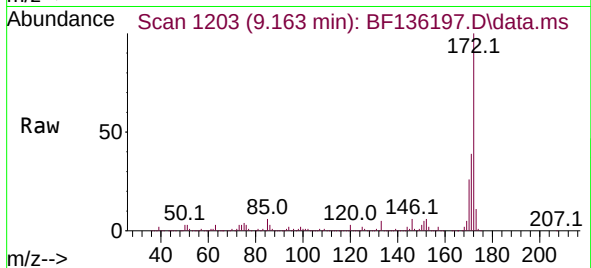
141 28.2 25.8 38.6



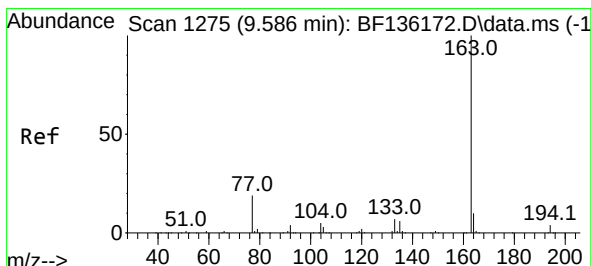
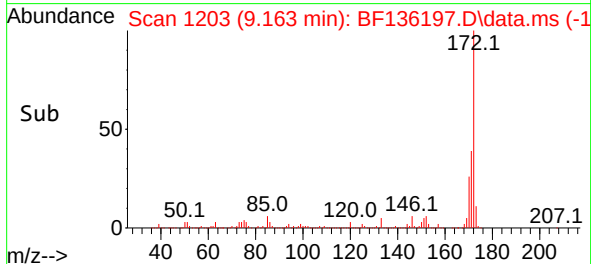
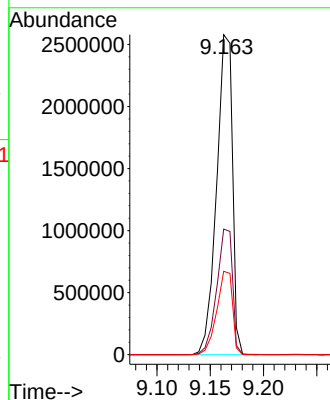


#45
2-Fluorobiphenyl
Concen: 96.723 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136197.D
Acq: 25 Nov 2023 01:12

Instrument :
BNA_F
ClientSampleId :

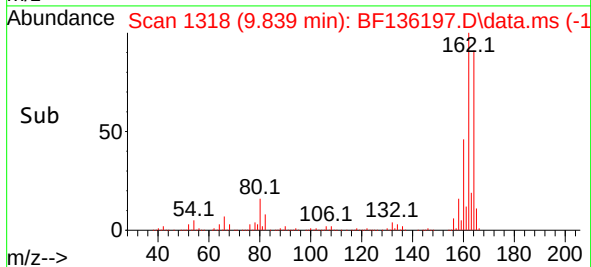
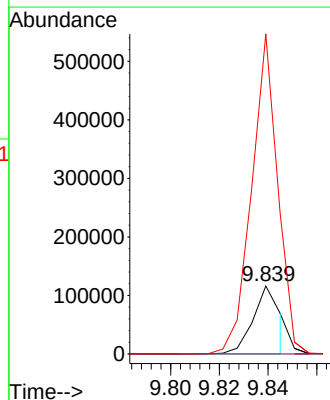
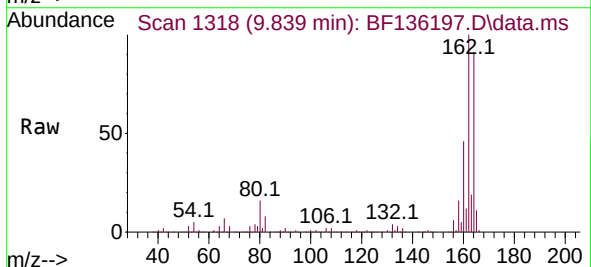


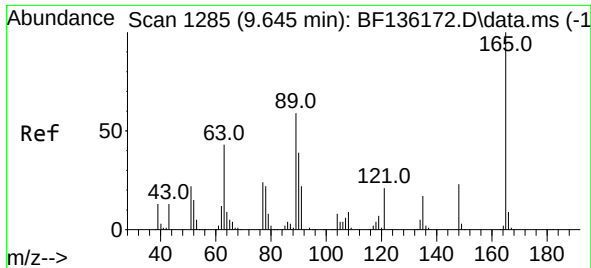
Tgt Ion:172 Resp: 2671715
Ion Ratio Lower Upper
172 100
171 39.3 28.9 43.3
170 26.0 19.1 28.7



#50
Dimethylphthalate
Concen: 3.182 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.264 min
Lab File: BF136197.D
Acq: 25 Nov 2023 01:12

Tgt Ion:163 Resp: 87793
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 470.5 7.8 11.8#

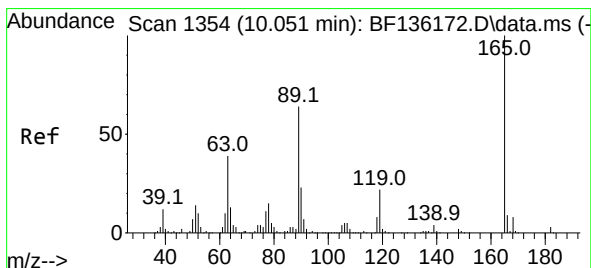
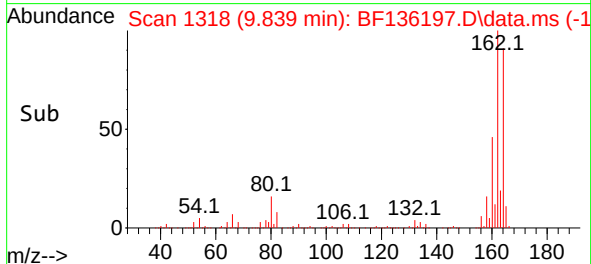
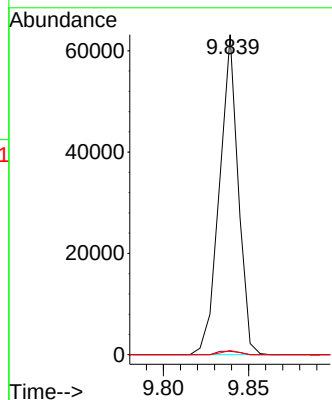
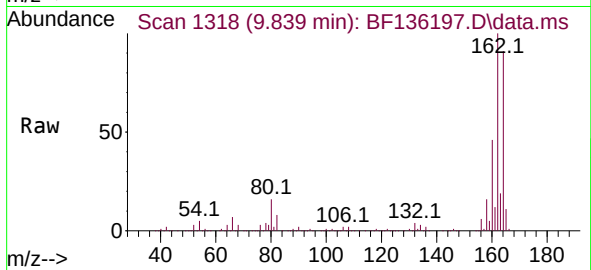




#51
2,6-Dinitrotoluene
Concen: 8.071 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.205 min
Lab File: BF136197.D
Acq: 25 Nov 2023 01:12

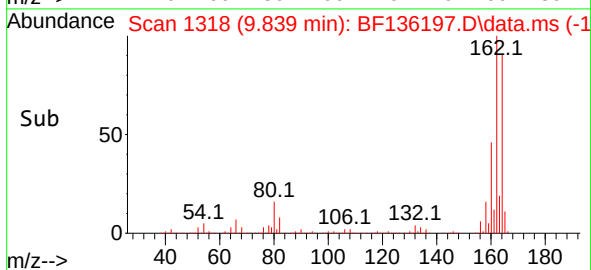
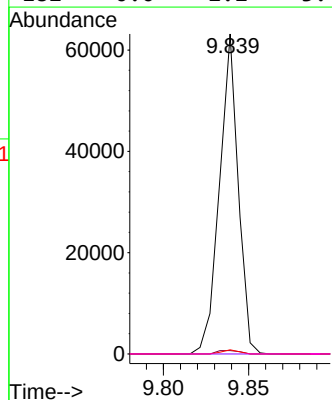
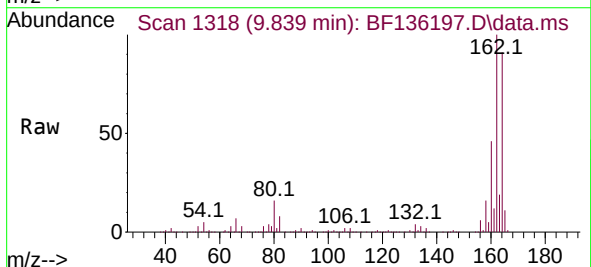
Instrument :
BNA_F
ClientSampleId :

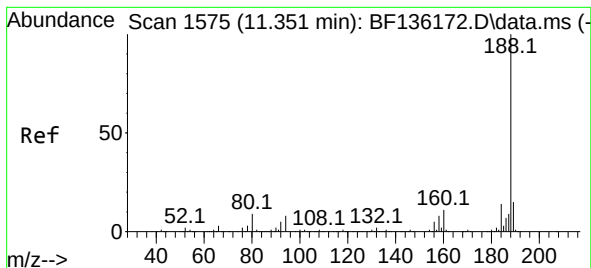
Tgt Ion:165 Resp: 48317
Ion Ratio Lower Upper
165 100
63 1.0 48.0 72.0#
89 1.3 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.355 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136197.D
Acq: 25 Nov 2023 01:12

Tgt Ion:165 Resp: 48317
Ion Ratio Lower Upper
165 100
63 1.0 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: 11.327 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136197.D

Acq: 25 Nov 2023 01:12

Instrument :

BNA_F

ClientSampleId :

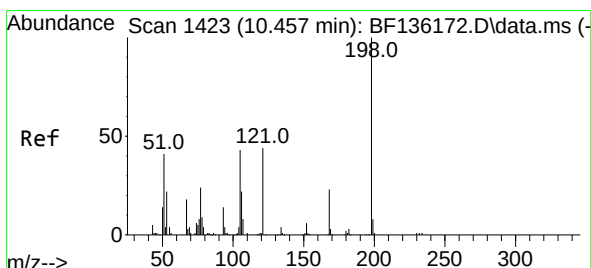
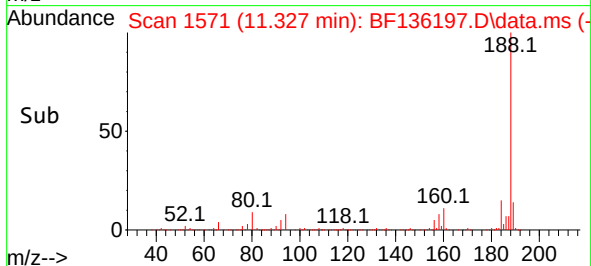
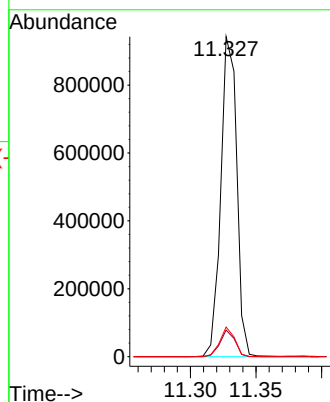
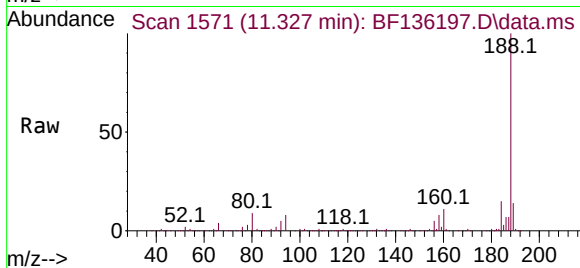
Tgt Ion:188 Resp: 795477

Ion Ratio Lower Upper

188 100

94 8.3 6.6 9.8

80 9.2 7.3 10.9



#65

4,6-Dinitro-2-methylphenol

Concen: 4.960 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.188 min

Lab File: BF136197.D

Acq: 25 Nov 2023 01:12

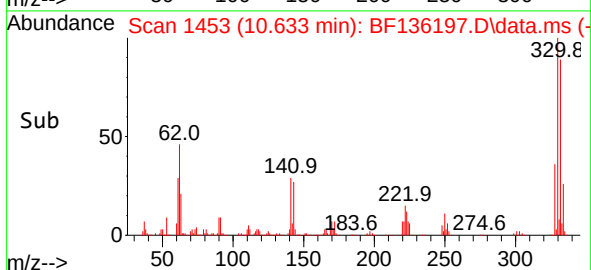
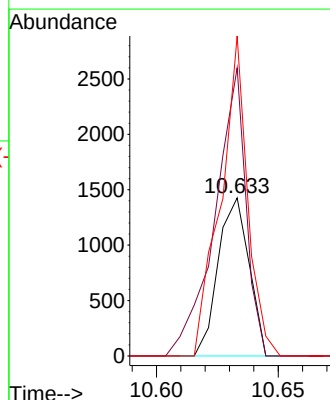
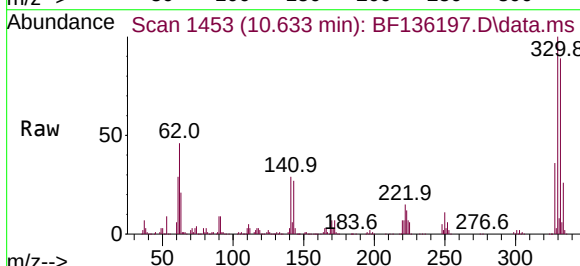
Tgt Ion:198 Resp: 1256

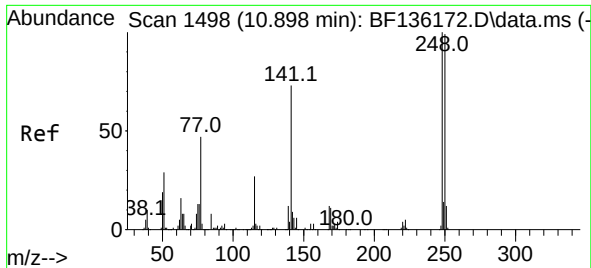
Ion Ratio Lower Upper

198 100

51 182.3 27.3 67.3#

105 202.4 24.2 64.2#

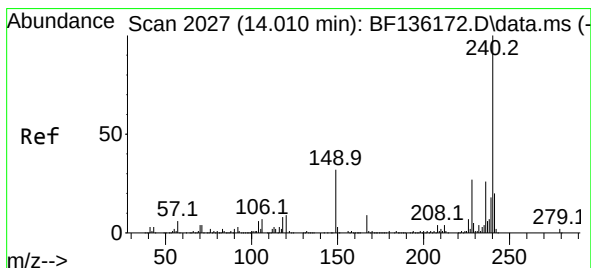
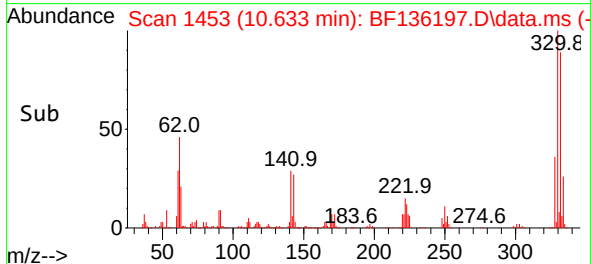
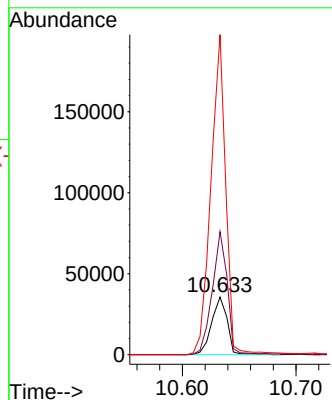
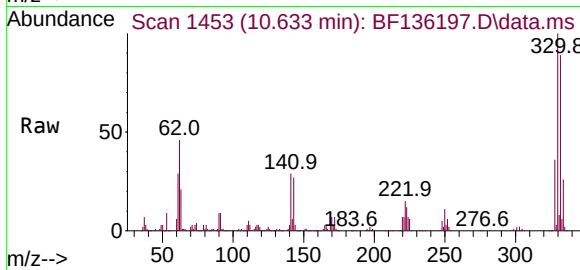




#67
4-Bromophenyl-phenylether
Concen: 3.839 ng
RT: 10.633 min Scan# 1498
Delta R.T. -0.253 min
Lab File: BF136197.D
Acq: 25 Nov 2023 01:12

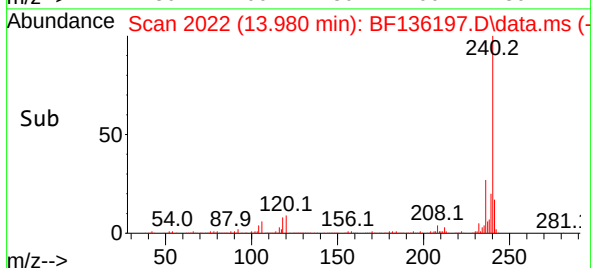
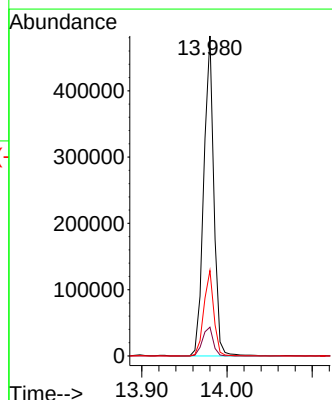
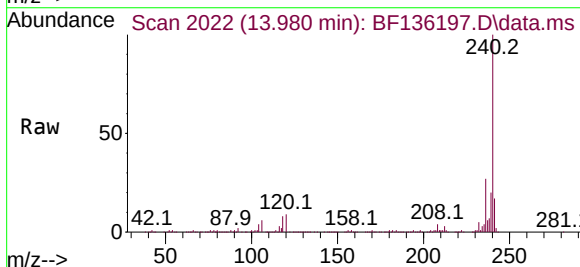
Instrument :
BNA_F
ClientSampleId :

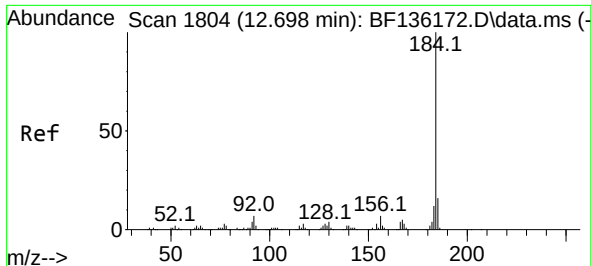
Tgt Ion:248 Resp: 34009
Ion Ratio Lower Upper
248 100
250 213.7 79.0 118.4#
141 556.1 58.8 88.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136197.D
Acq: 25 Nov 2023 01:12

Tgt Ion:240 Resp: 396915
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 26.7 20.9 31.3

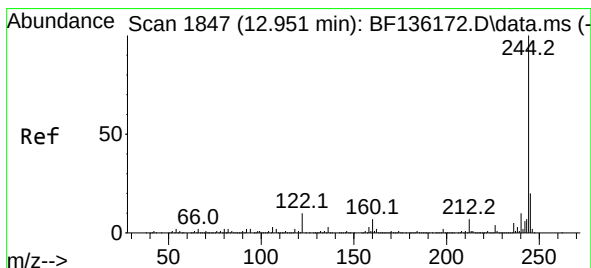
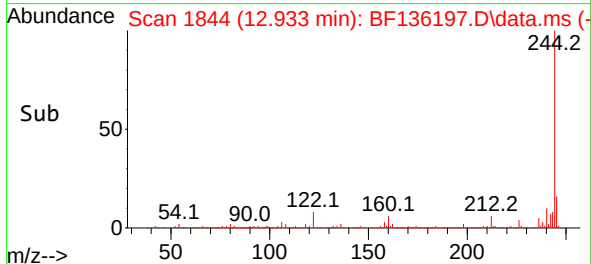
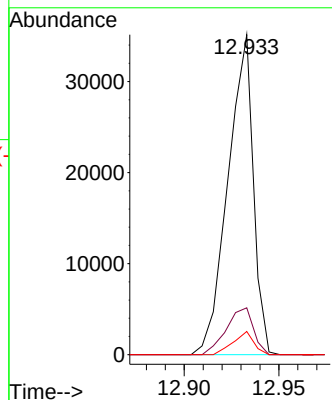
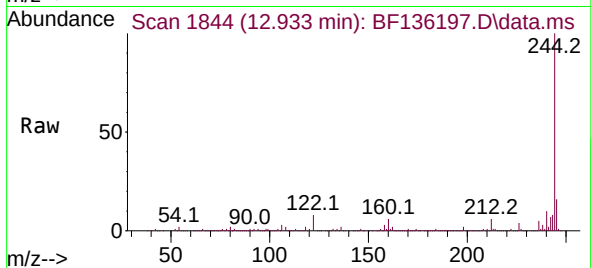




#77
Benzidine
Concen: 4.753 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.252 min
Lab File: BF136197.D
Acq: 25 Nov 2023 01:12

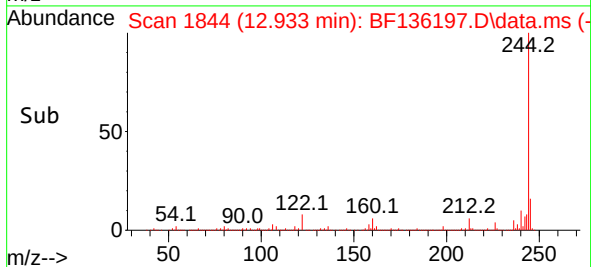
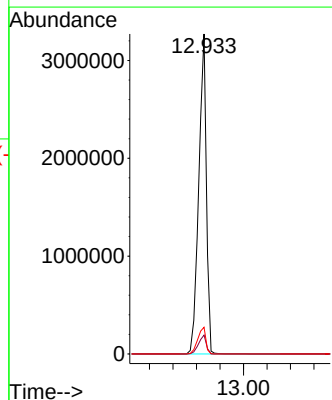
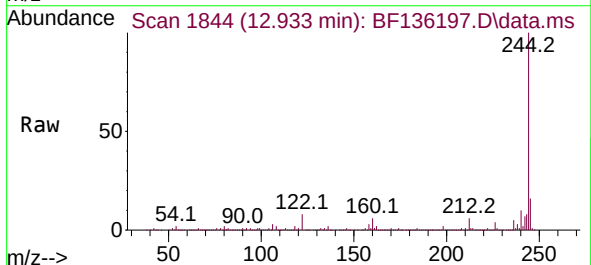
Instrument :
BNA_F
ClientSampleId :

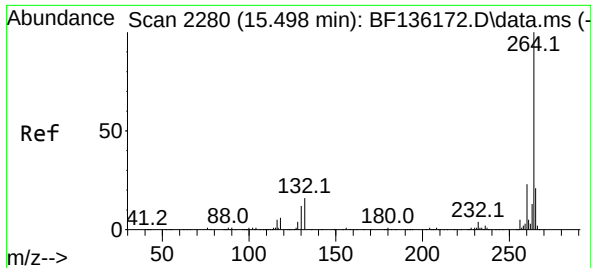
Tgt Ion:184 Resp: 32668
Ion Ratio Lower Upper
184 100
185 14.7 12.6 18.8
183 7.3 9.2 13.8#



#79
Terphenyl-d14
Concen: 105.095 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF136197.D
Acq: 25 Nov 2023 01:12

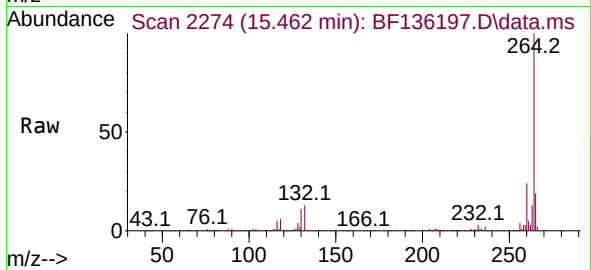
Tgt Ion:244 Resp: 2938683
Ion Ratio Lower Upper
244 100
212 5.9 5.4 8.0
122 8.4 8.1 12.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF136197.D
 Acq: 25 Nov 2023 01:12

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 399322
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.5 27.7
 265 19.5 16.9 25.3

