

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136195.D
 Acq On : 25 Nov 2023 00:06
 Operator : CG\JU
 Sample : PB157124TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 03:58:18 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)

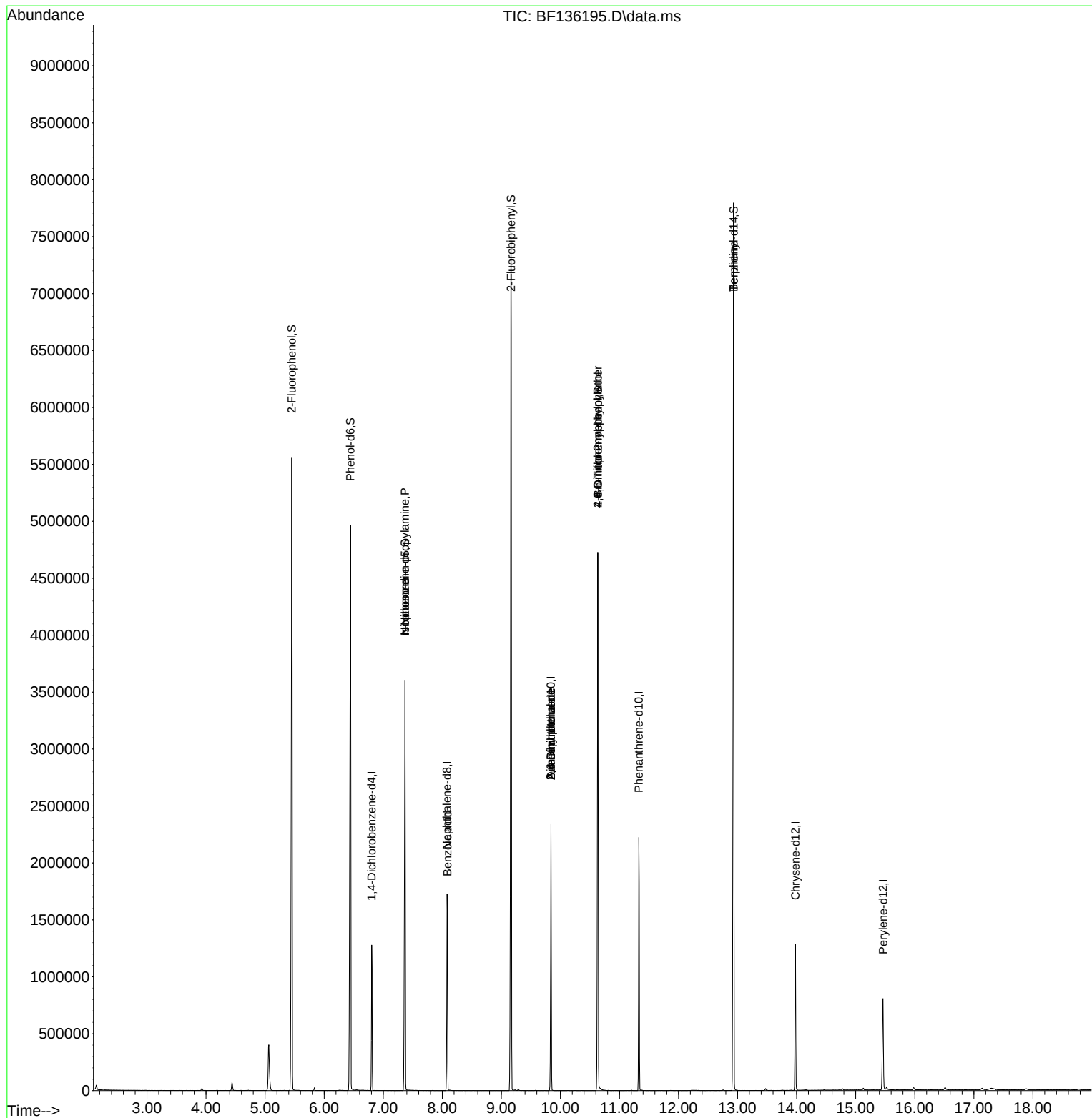
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	170520	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	792424	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	406451	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	794839	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	412518	20.000	ng	0.00
86) Perylene-d12	15.463	264	398301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1676718	156.564	ng	0.02
7) Phenol-d6	6.445	99	2041748	154.933	ng	0.00
23) Nitrobenzene-d5	7.369	82	1263874	89.003	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	641833	150.774	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2648110	96.307	ng	0.00
79) Terphenyl-d14	12.933	244	2985678	102.737	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	173521	22.810	ng	# 76
25) Isophorone	7.369	82	1263850	51.573	ng	# 64
32) Benzoic acid	8.087	122	125	5.018	ng	# 1
50) Dimethylphthalate	9.839	163	84399	3.073	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	48164	8.082	ng	# 23
57) 2,4-Dinitrotoluene	9.839	165	48164	6.364	ng	# 28
65) 4,6-Dinitro-2-methylph...	10.633	198	1246	4.958	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	35907	4.056	ng	# 1
77) Benzidine	12.933	184	32264	4.517	ng	# 92

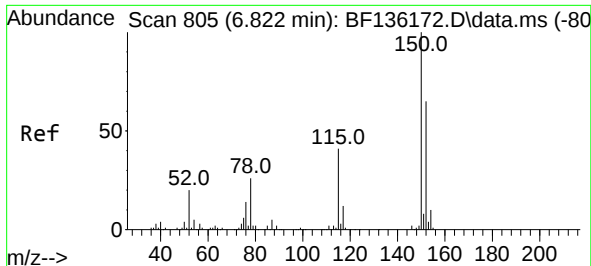
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
Data File : BF136195.D
Acq On : 25 Nov 2023 00:06
Operator : CG\JU
Sample : PB157124TB
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

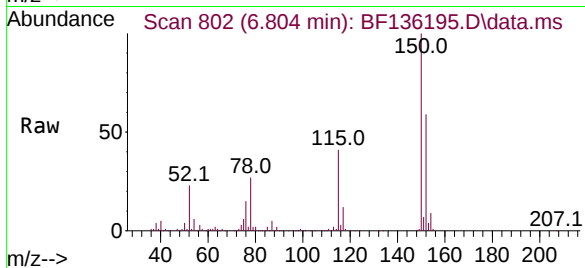
Quant Time: Nov 25 03:58:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 23:44:28 2023
Response via : Initial Calibration



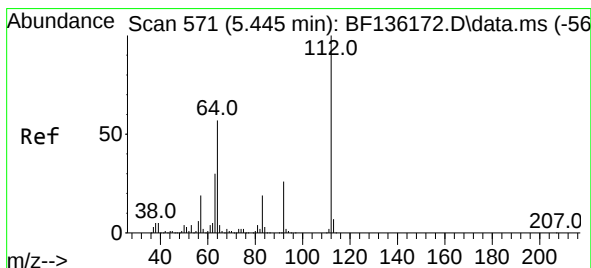
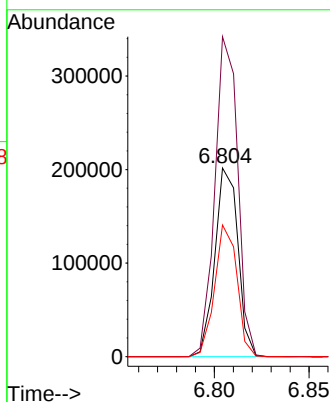
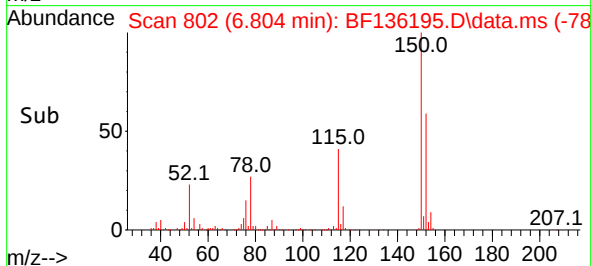


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136195.D
Acq: 25 Nov 2023 00:06

Instrument :
BNA_F
ClientSampleId :

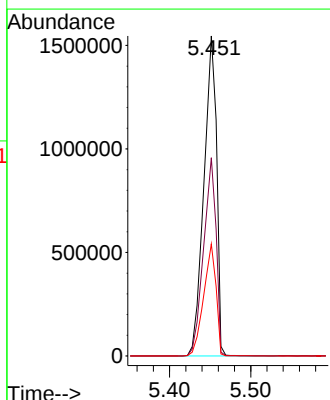
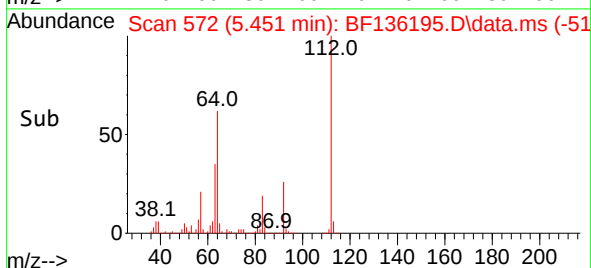
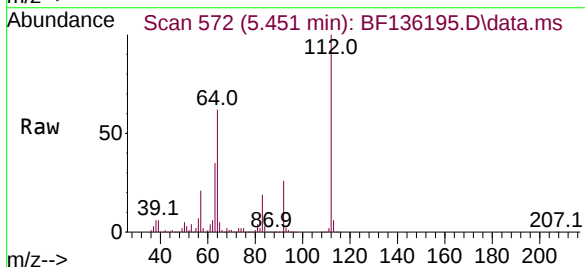


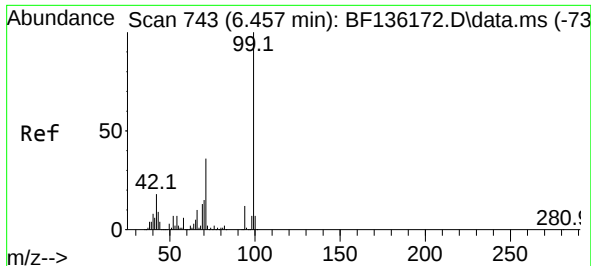
Tgt Ion:152 Resp: 170520
Ion Ratio Lower Upper
152 100
150 169.6 123.1 184.7
115 69.8 50.5 75.7



#5
2-Fluorophenol
Concen: 156.564 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF136195.D
Acq: 25 Nov 2023 00:06

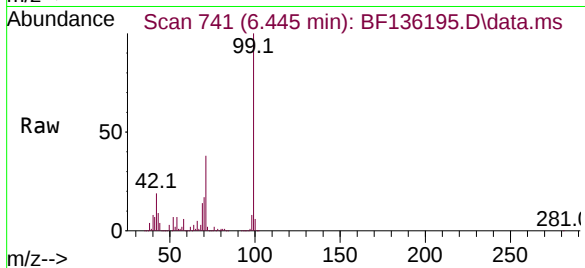
Tgt Ion:112 Resp: 1676718
Ion Ratio Lower Upper
112 100
64 61.9 45.4 68.0
63 35.0 24.4 36.6





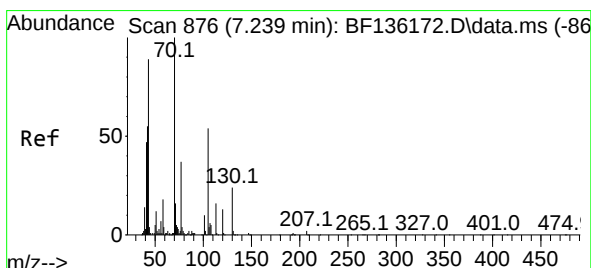
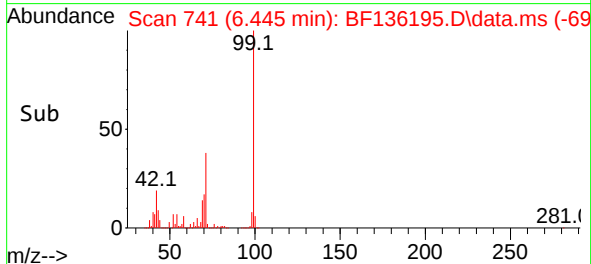
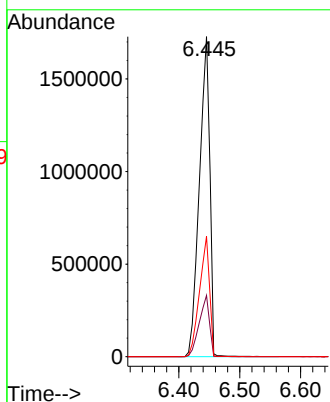
#7
Phenol-d6
Concen: 154.933 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136195.D
Acq: 25 Nov 2023 00:06

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 2041748

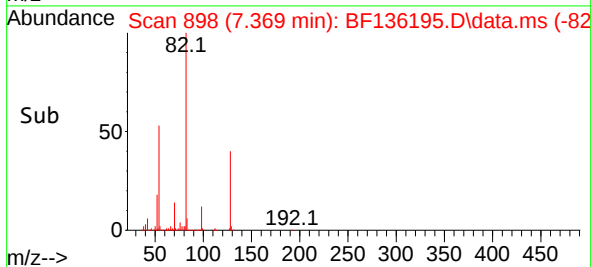
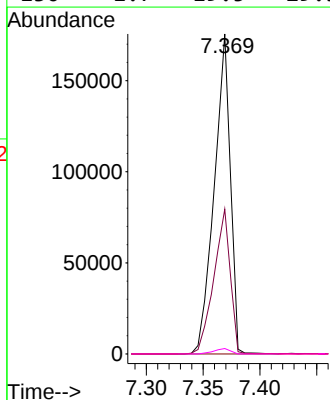
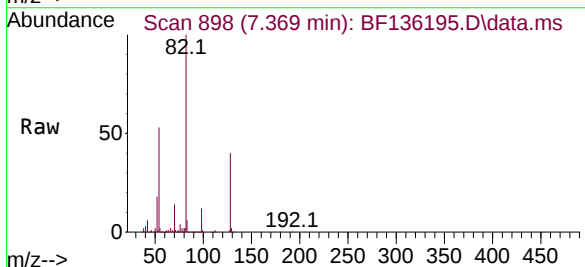
Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.1	21.1
71	37.6	29.0	43.4

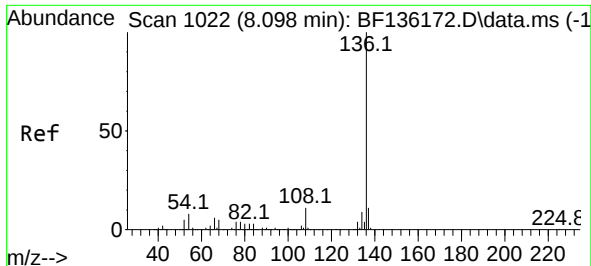


#19
n-Nitroso-di-n-propylamine
Concen: 22.810 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF136195.D
Acq: 25 Nov 2023 00:06

Tgt Ion: 70 Resp: 173521

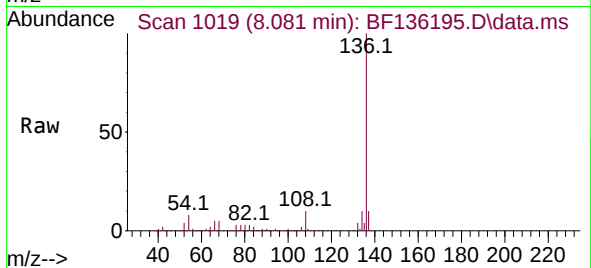
Ion	Ratio	Lower	Upper
70	100		
42	45.3	43.9	65.9
101	0.0	8.1	12.1#
130	1.7	19.5	29.3#



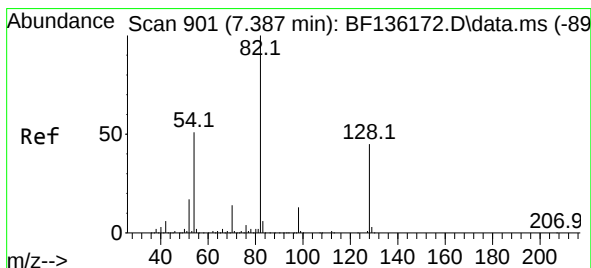
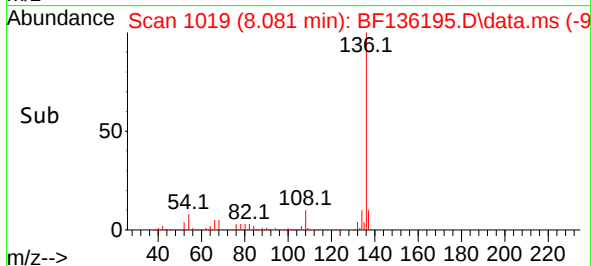
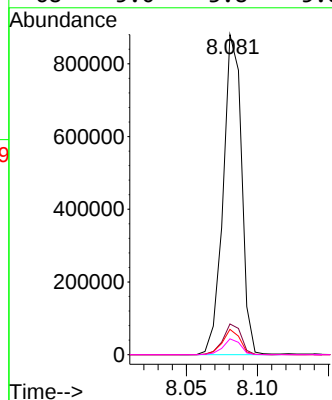


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136195.D
Acq: 25 Nov 2023 00:06

Instrument :
BNA_F
ClientSampleId :

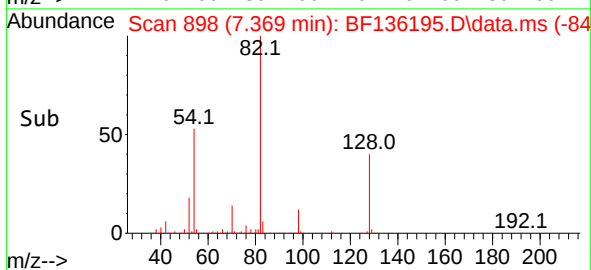
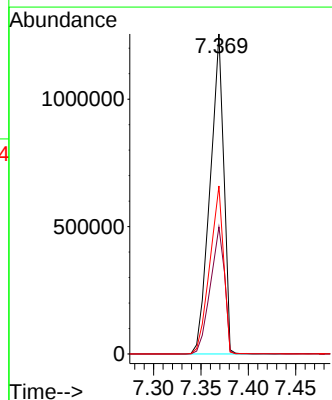
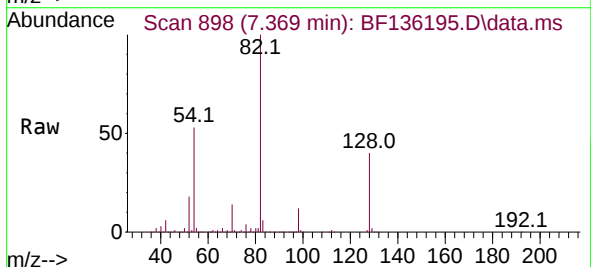


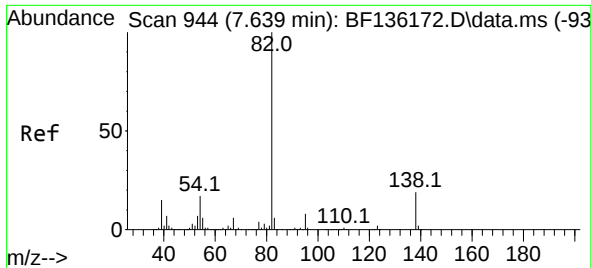
Tgt Ion:136	Resp: 792424
Ion Ratio	Lower Upper
136 100	
137 9.6	8.6 13.0
54 7.9	6.3 9.5
68 5.0	3.8 5.8



#23
Nitrobenzene-d5
Concen: 89.003 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136195.D
Acq: 25 Nov 2023 00:06

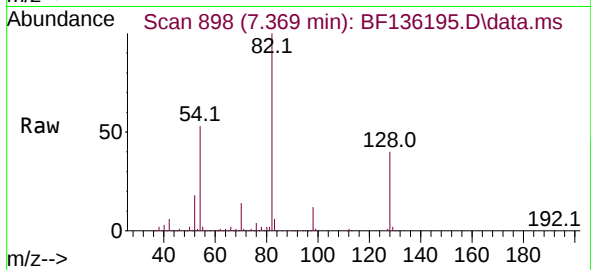
Tgt Ion: 82		Resp: 1263874	
Ion	Ratio	Lower	Upper
82	100		
128	39.7	35.8	53.6
54	52.5	40.6	60.8



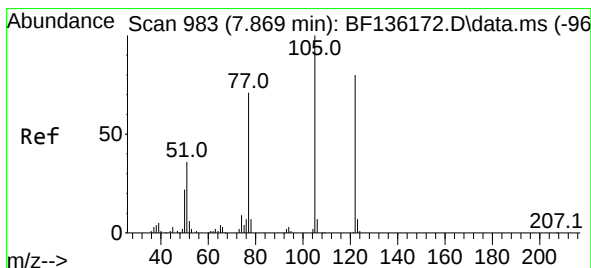
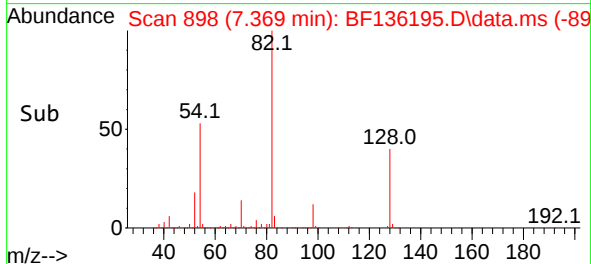
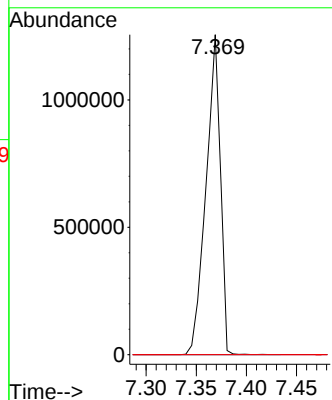


#25
Isophorone
Concen: 51.573 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136195.D
Acq: 25 Nov 2023 00:06

Instrument :
BNA_F
ClientSampleId :

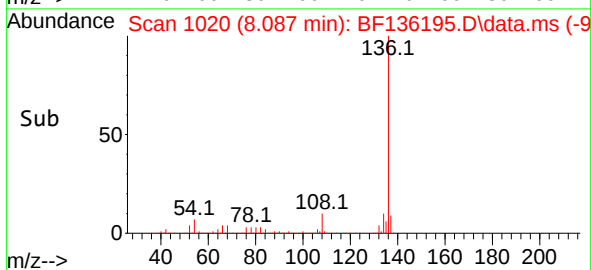
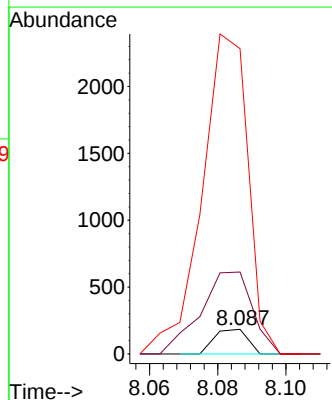
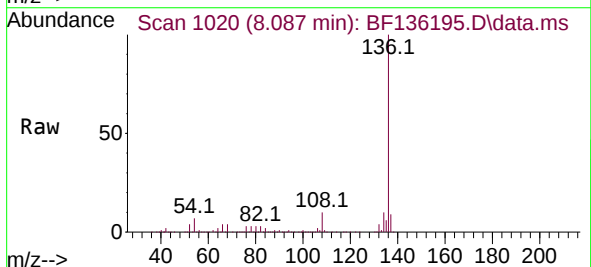


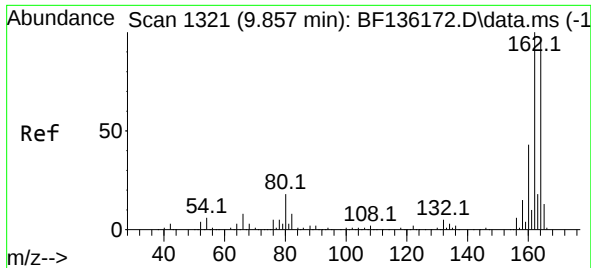
Tgt Ion: 82 Resp: 1263850
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 14.8 22.2#



#32
Benzoic acid
Concen: 5.018 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.229 min
Lab File: BF136195.D
Acq: 25 Nov 2023 00:06

Tgt Ion:122 Resp: 125
Ion Ratio Lower Upper
122 100
105 332.6 102.5 142.5#
77 1240.8 68.1 108.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1

Delta R.T. -0.006 min

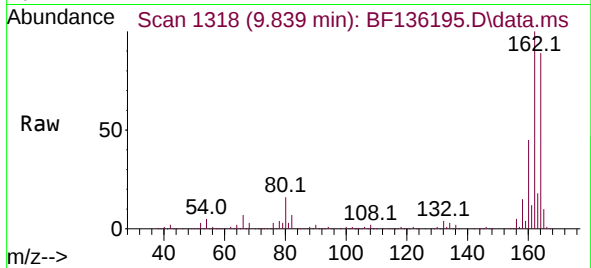
Lab File: BF136195.D

Acq: 25 Nov 2023 00:06

Instrument :

BNA_F

ClientSampleId :



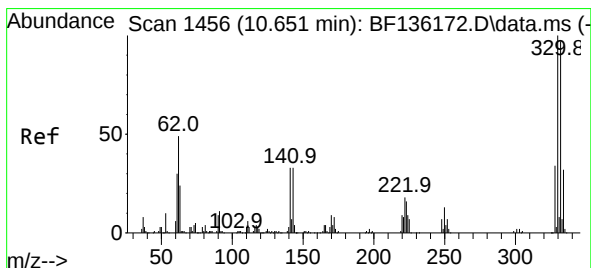
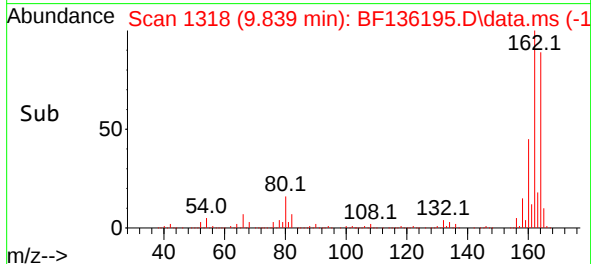
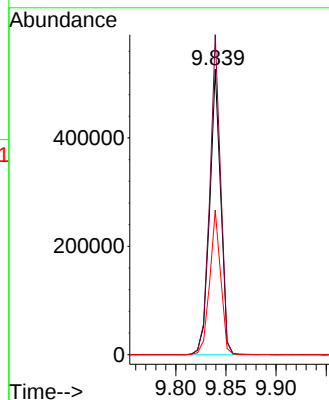
Tgt Ion:164 Resp: 406451

Ion Ratio Lower Upper

164 100

162 112.2 83.2 124.8

160 50.7 35.8 53.8



#42

2,4,6-Tribromophenol

Concen: 150.774 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF136195.D

Acq: 25 Nov 2023 00:06

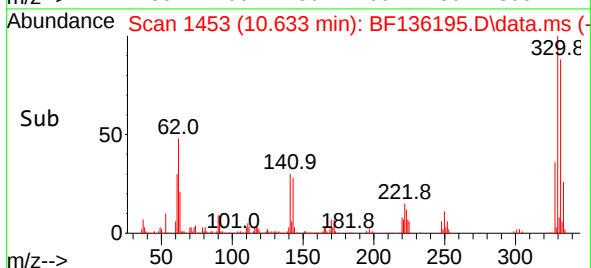
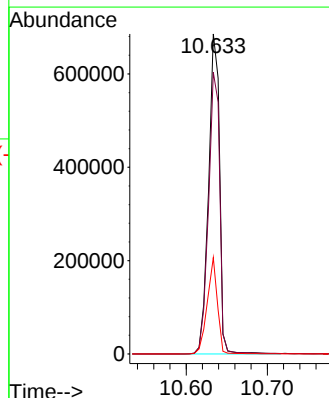
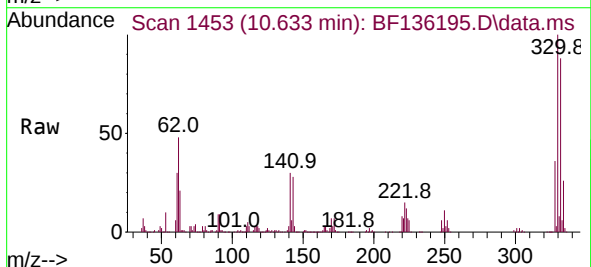
Tgt Ion:330 Resp: 641833

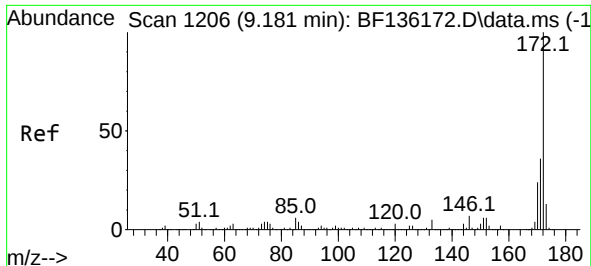
Ion Ratio Lower Upper

330 100

332 90.6 77.6 116.4

141 28.1 25.8 38.6





#45

2-Fluorobiphenyl

Concen: 96.307 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.006 min

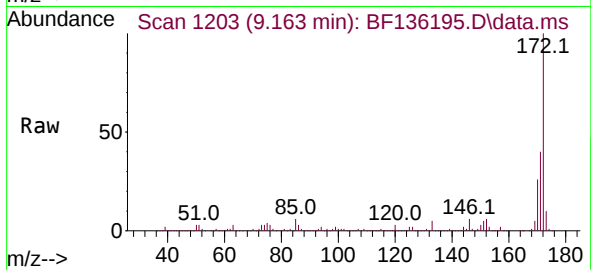
Lab File: BF136195.D

Acq: 25 Nov 2023 00:06

Instrument :

BNA_F

ClientSampleId :



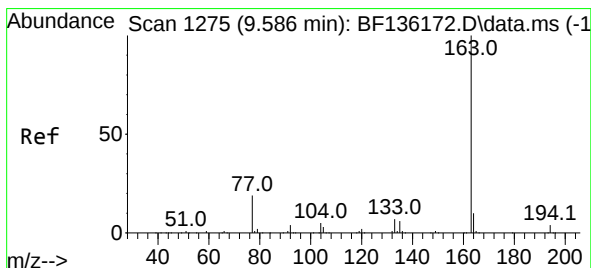
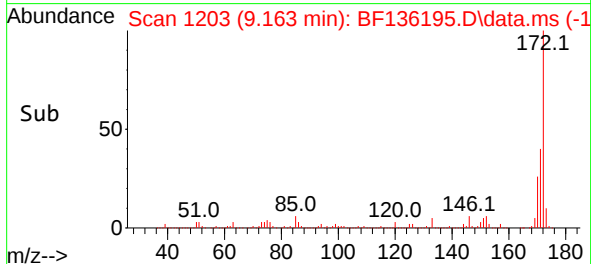
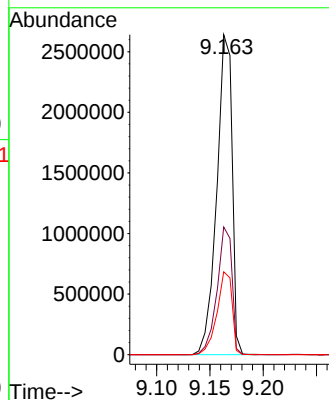
Tgt Ion:172 Resp: 2648110

Ion Ratio Lower Upper

172 100

171 39.9 28.9 43.3

170 25.9 19.1 28.7



#50

Dimethylphthalate

Concen: 3.073 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.265 min

Lab File: BF136195.D

Acq: 25 Nov 2023 00:06

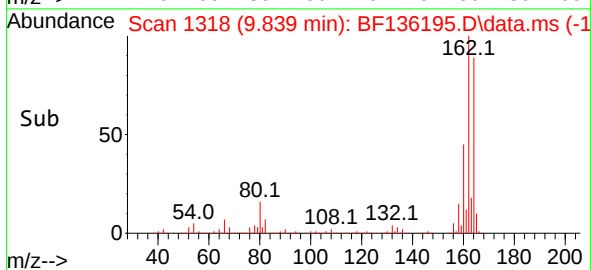
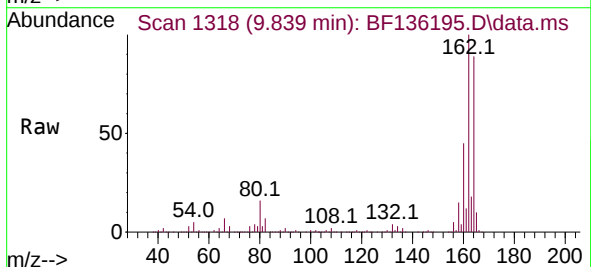
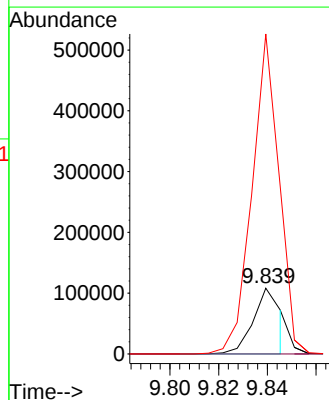
Tgt Ion:163 Resp: 84399

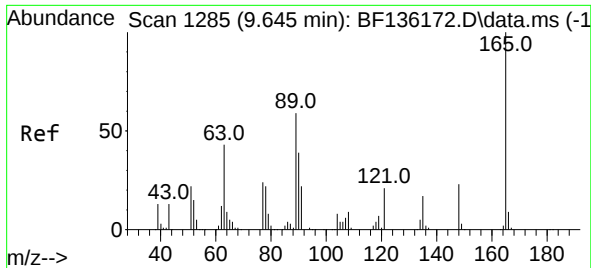
Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

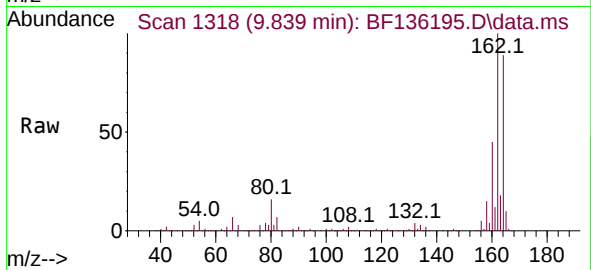
164 486.6 7.8 11.8#



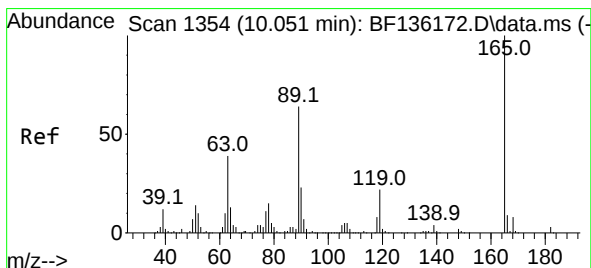
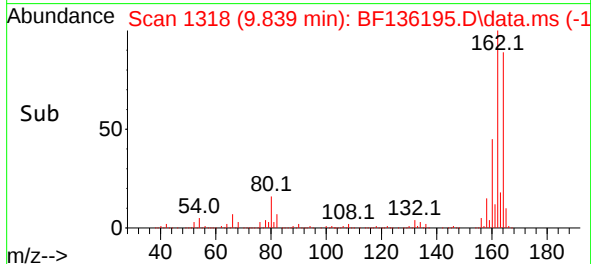
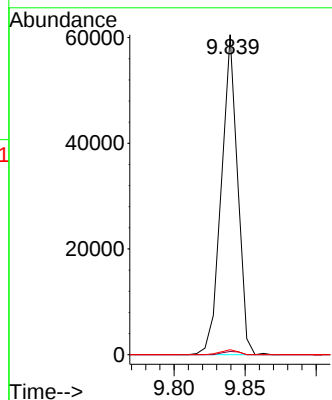


#51
2,6-Dinitrotoluene
Concen: 8.082 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF136195.D
Acq: 25 Nov 2023 00:06

Instrument :
BNA_F
ClientSampleId :

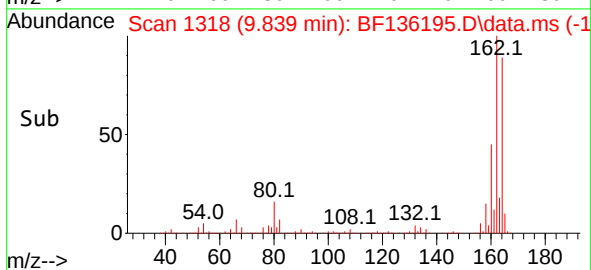
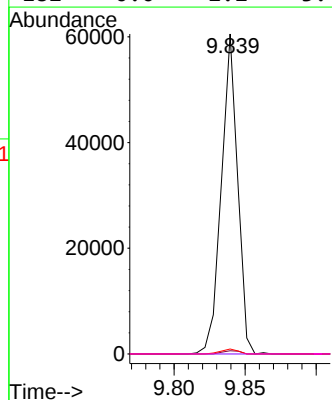
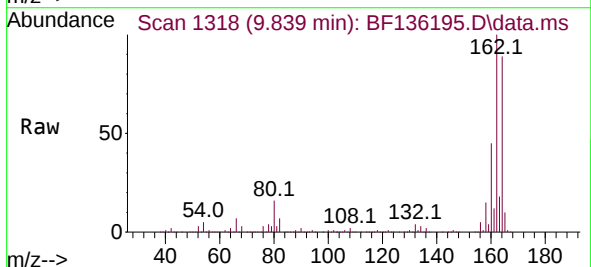


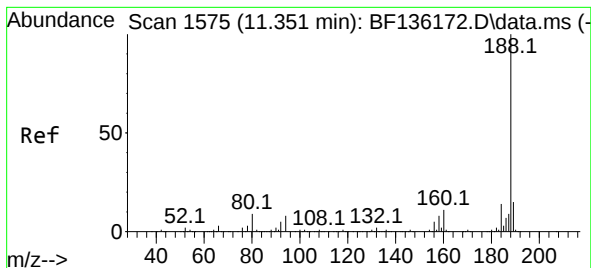
Tgt Ion:165 Resp: 48164
Ion Ratio Lower Upper
165 100
63 1.0 48.0 72.0#
89 1.6 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.364 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136195.D
Acq: 25 Nov 2023 00:06

Tgt Ion:165 Resp: 48164
Ion Ratio Lower Upper
165 100
63 1.0 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: 11.328 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136195.D

Acq: 25 Nov 2023 00:06

Instrument :

BNA_F

ClientSampleId :

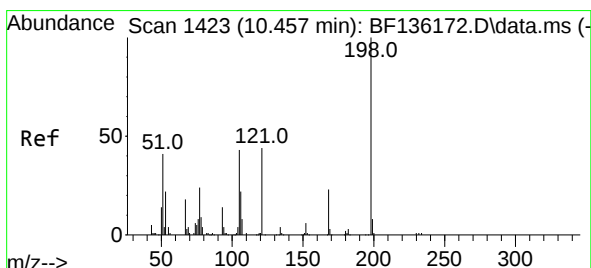
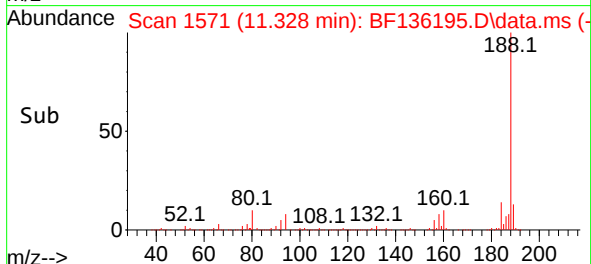
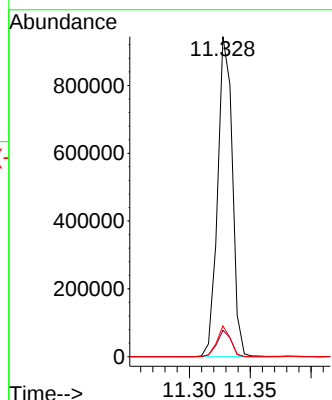
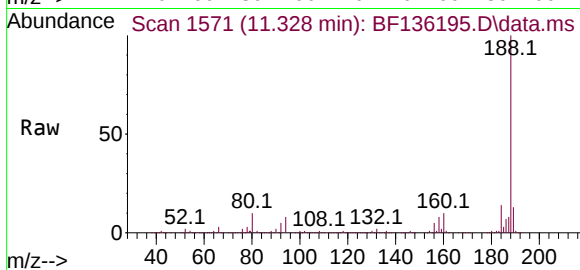
Tgt Ion:188 Resp: 794839

Ion Ratio Lower Upper

188 100

94 8.2 6.6 9.8

80 9.6 7.3 10.9



#65

4,6-Dinitro-2-methylphenol

Concen: 4.958 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.188 min

Lab File: BF136195.D

Acq: 25 Nov 2023 00:06

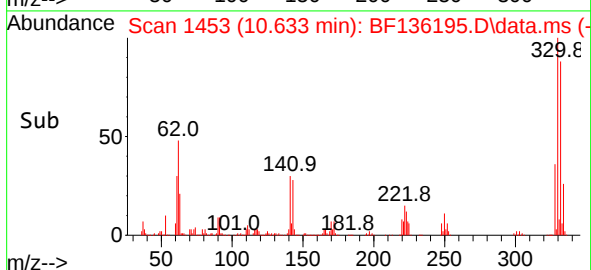
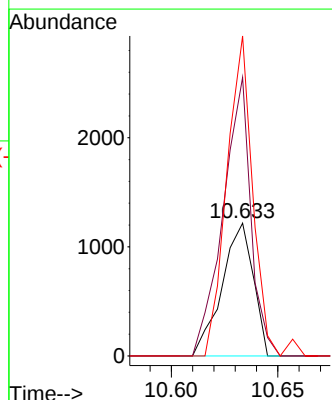
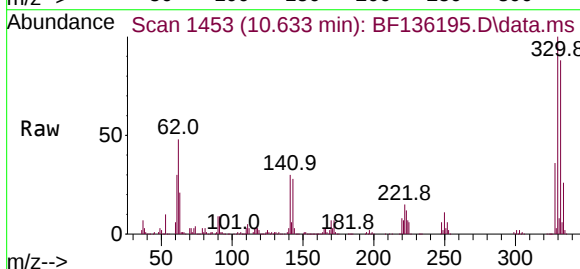
Tgt Ion:198 Resp: 1246

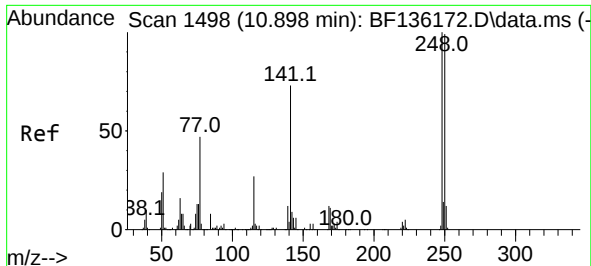
Ion Ratio Lower Upper

198 100

51 209.8 27.3 67.3#

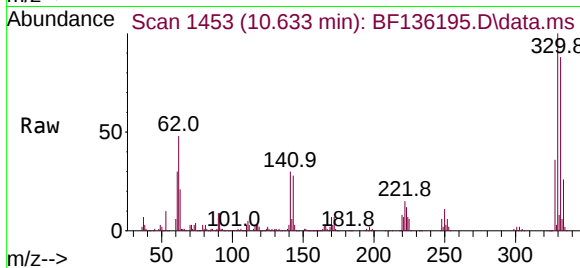
105 241.0 24.2 64.2#



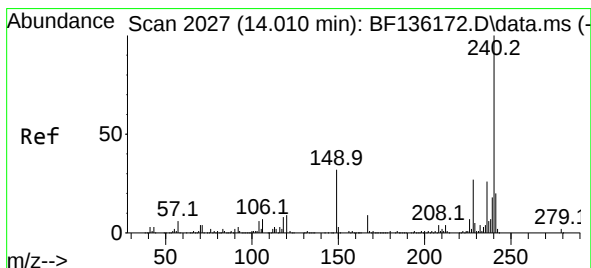
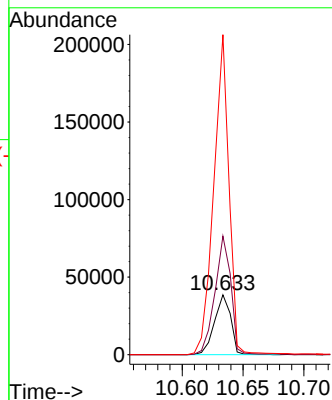
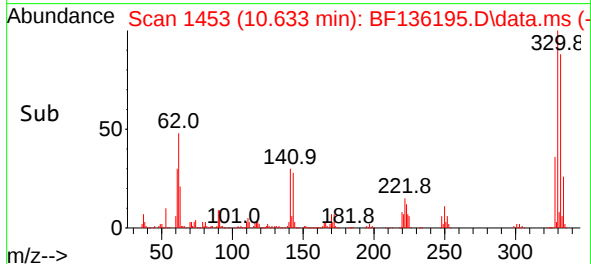


#67
4-Bromophenyl-phenylether
Concen: 4.056 ng
RT: 10.633 min Scan# 1498
Delta R.T. -0.253 min
Lab File: BF136195.D
Acq: 25 Nov 2023 00:06

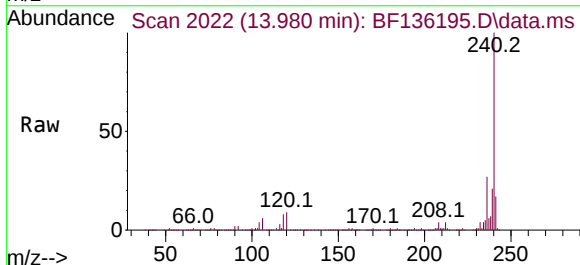
Instrument :
BNA_F
ClientSampleId :



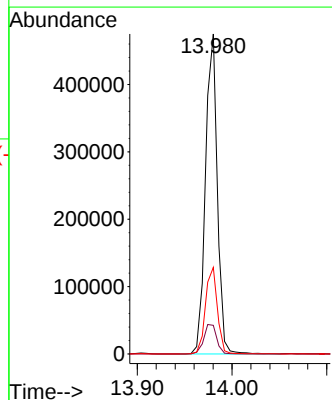
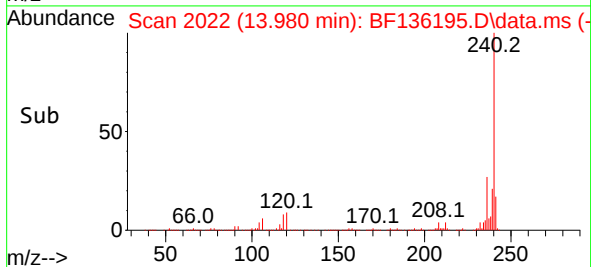
Tgt Ion:248 Resp: 35907
Ion Ratio Lower Upper
248 100
250 198.2 79.0 118.4#
141 534.5 58.8 88.2#

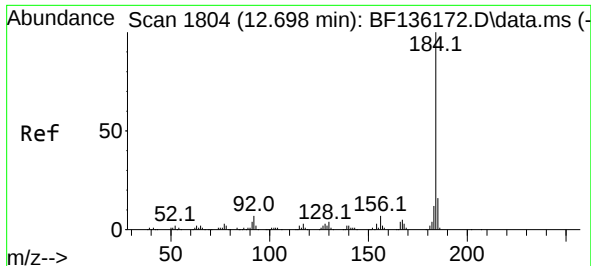


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136195.D
Acq: 25 Nov 2023 00:06



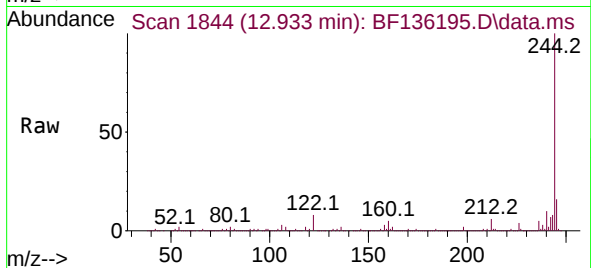
Tgt Ion:240 Resp: 412518
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 27.1 20.9 31.3



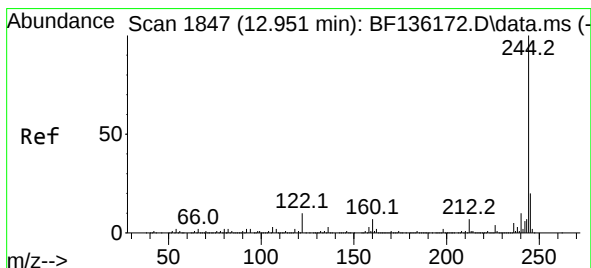
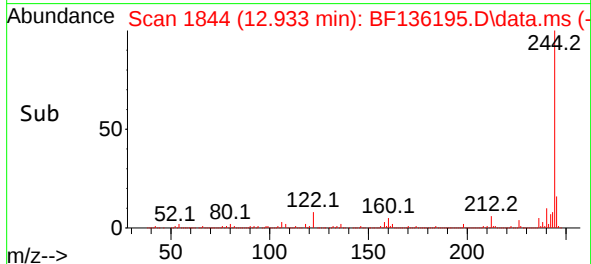
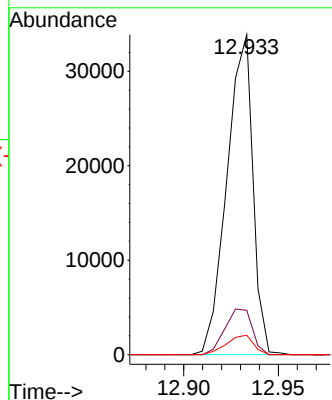


#77
Benzidine
Concen: 4.517 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.253 min
Lab File: BF136195.D
Acq: 25 Nov 2023 00:06

Instrument :
BNA_F
ClientSampleId :

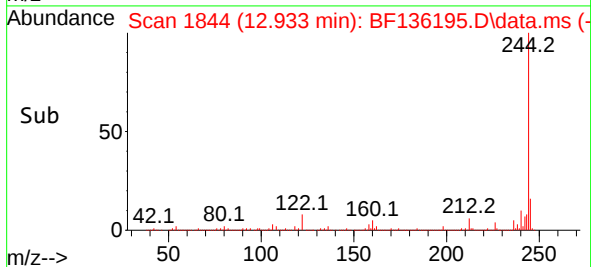
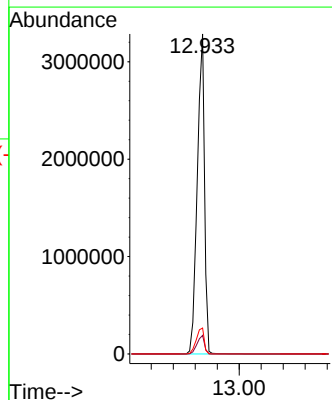
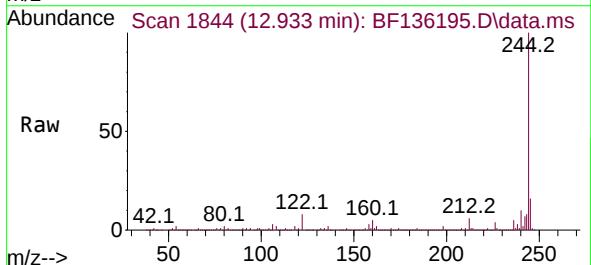


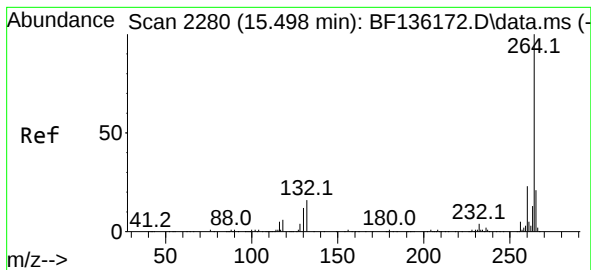
Tgt Ion:184 Resp: 32264
Ion Ratio Lower Upper
184 100
185 13.9 12.6 18.8
183 6.1 9.2 13.8#



#79
Terphenyl-d14
Concen: 102.737 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF136195.D
Acq: 25 Nov 2023 00:06

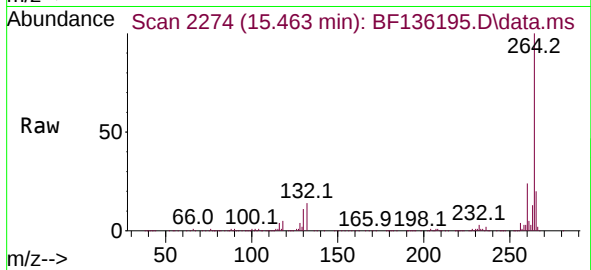
Tgt Ion:244 Resp: 2985678
Ion Ratio Lower Upper
244 100
212 5.8 5.4 8.0
122 8.1 8.1 12.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF136195.D
 Acq: 25 Nov 2023 00:06

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 398301
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.5 27.7
 265 20.3 16.9 25.3

