

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136211.D
 Acq On : 25 Nov 2023 08:45
 Operator : CG\JU
 Sample : 05412-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 02:20:33 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)

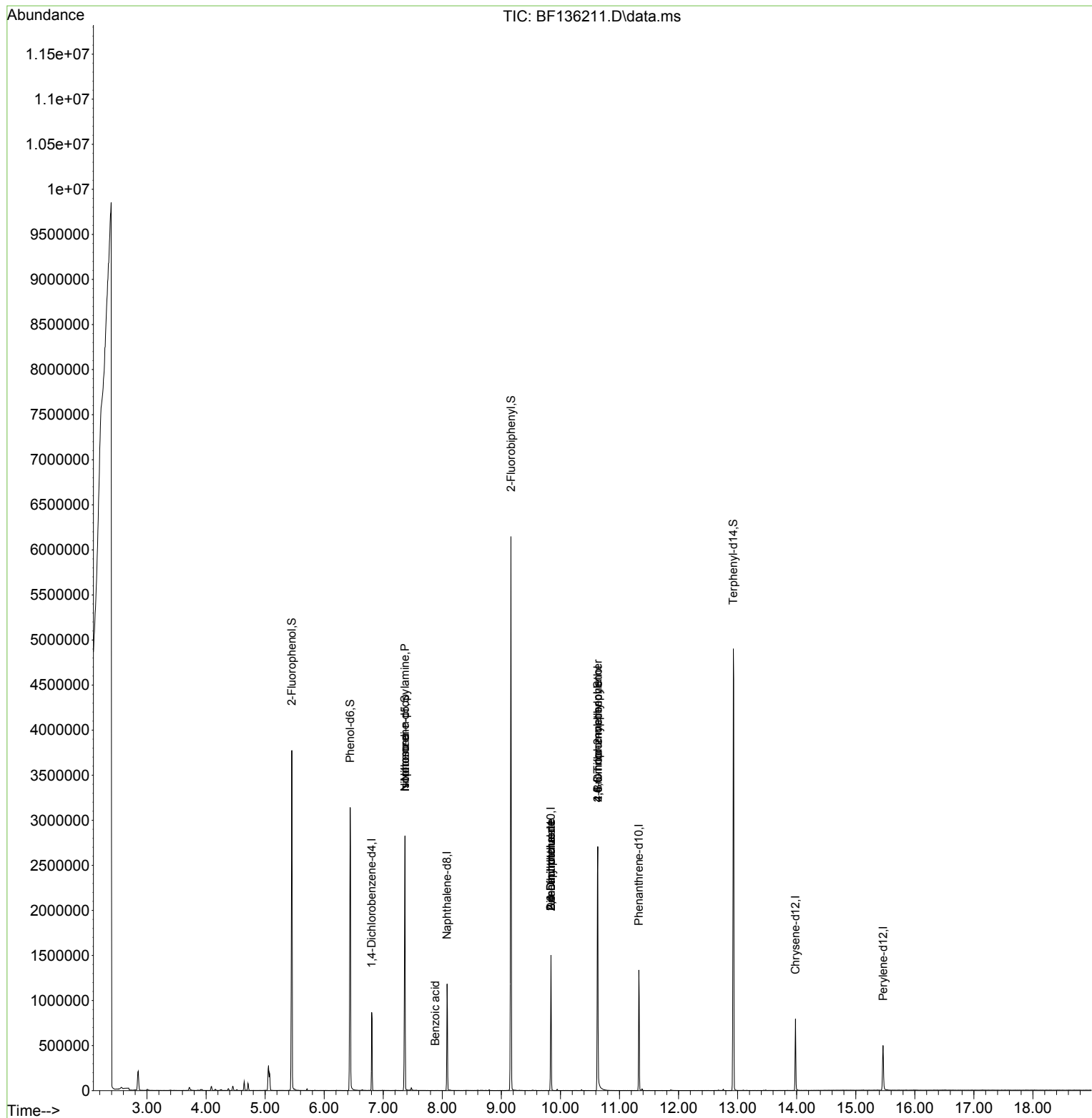
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	118939	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	503331	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	256222	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	467241	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	244499	20.000	ng	0.00
86) Perylene-d12	15.462	264	233056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1038245	138.990	ng	0.02
7) Phenol-d6	6.439	99	1193661	129.860	ng	0.00
23) Nitrobenzene-d5	7.369	82	850273	94.268	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	387490	144.396	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1764310	101.787	ng	0.00
79) Terphenyl-d14	12.927	244	1919082	111.415	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	113350	21.362	ng	# 75
25) Isophorone	7.369	82	850264	54.624	ng	# 64
32) Benzoic acid	7.880	122	143	5.029	ng	# 35
50) Dimethylphthalate	9.839	163	51899	2.998	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	30827	8.206	ng	# 23
57) 2,4-Dinitrotoluene	9.839	165	30827	6.461	ng	# 28
65) 4,6-Dinitro-2-methylph...	10.633	198	839	4.994	ng	# 5
67) 4-Bromophenyl-phenylether	10.633	248	21883	4.205	ng	# 1

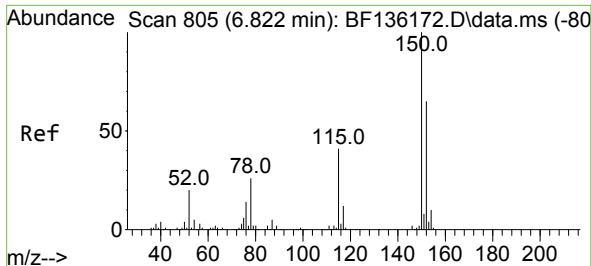
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
Data File : BF136211.D
Acq On : 25 Nov 2023 08:45
Operator : CG\JU
Sample : 05412-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

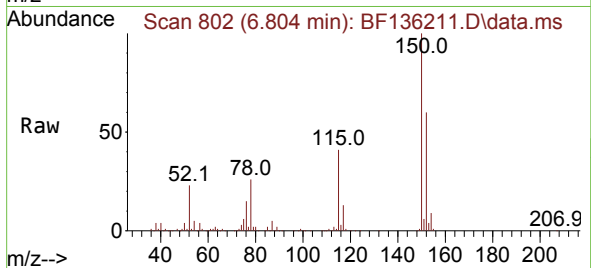
Quant Time: Nov 27 02:20:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 23:44:28 2023
Response via : Initial Calibration



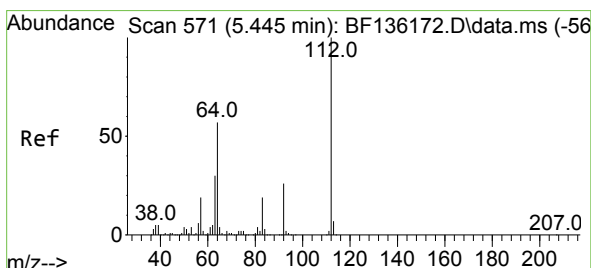
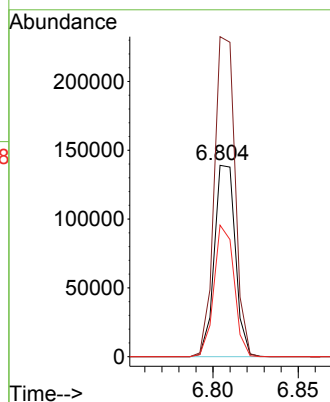
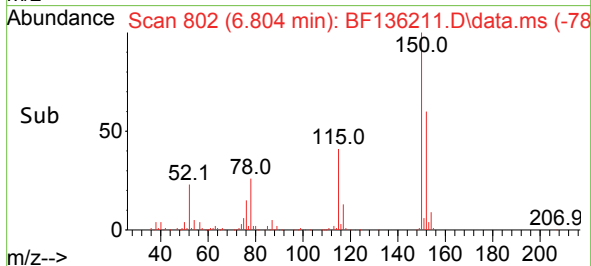


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136211.D
Acq: 25 Nov 2023 08:45

Instrument :
BNA_F
ClientSampleId :

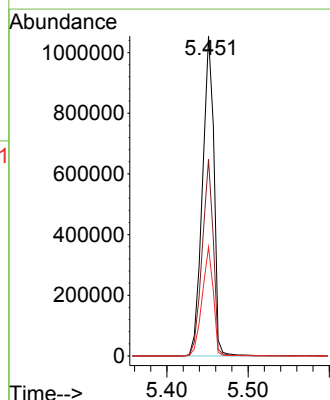
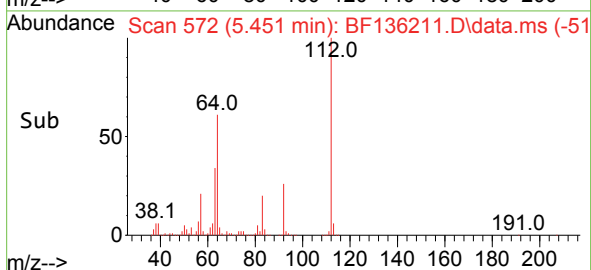
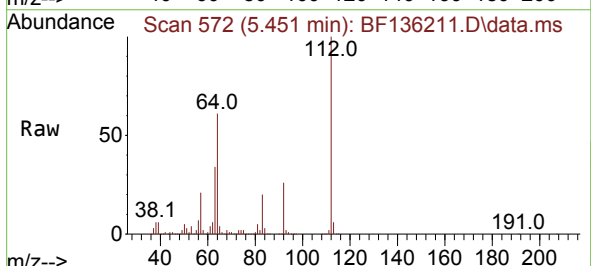


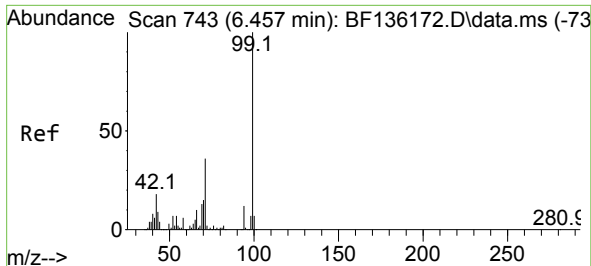
Tgt Ion:152 Resp: 118939
Ion Ratio Lower Upper
152 100
150 167.2 123.1 184.7
115 68.7 50.5 75.7



#5
2-Fluorophenol
Concen: 138.990 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF136211.D
Acq: 25 Nov 2023 08:45

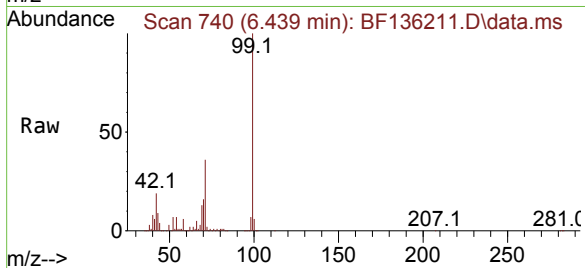
Tgt Ion:112 Resp: 1038245
Ion Ratio Lower Upper
112 100
64 61.5 45.4 68.0
63 34.0 24.4 36.6





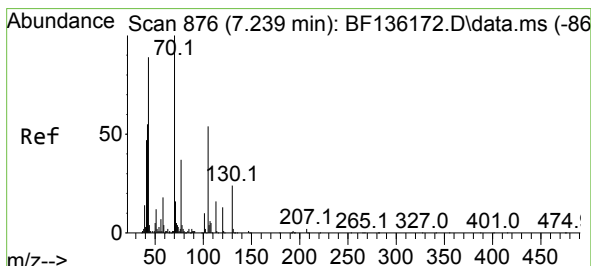
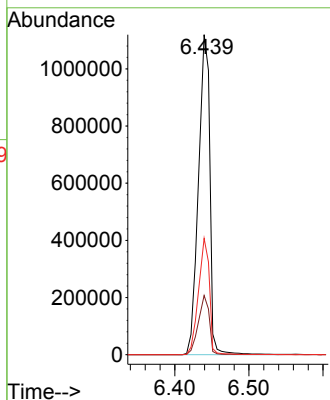
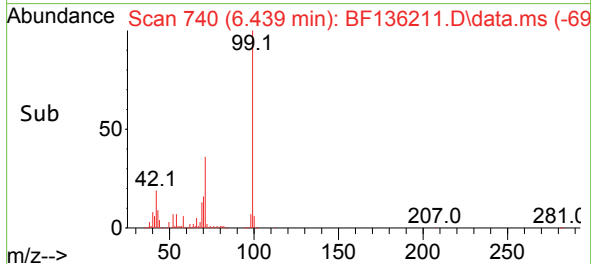
#7
Phenol-d6
Concen: 129.860 ng
RT: 6.439 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136211.D
Acq: 25 Nov 2023 08:45

Instrument :
BNA_F
ClientSampleId :

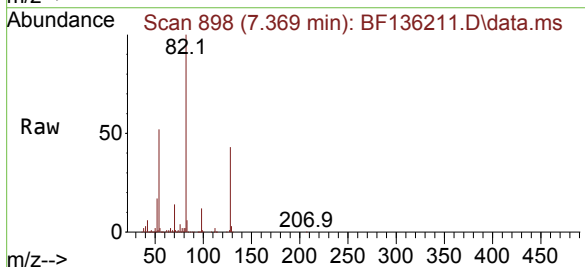


Tgt Ion: 99 Resp: 1193661

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.1	21.1
71	36.4	29.0	43.4

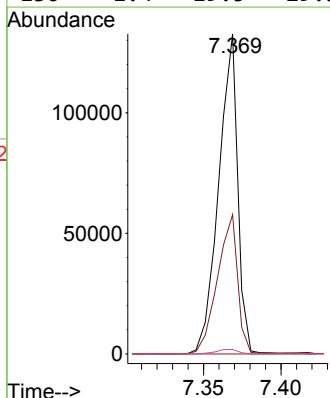
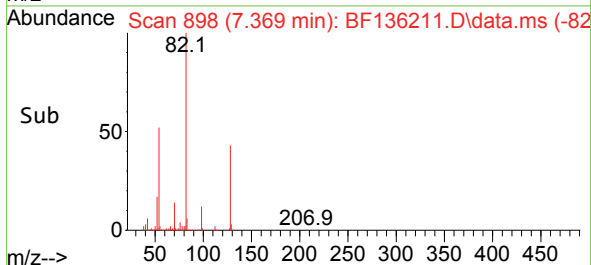


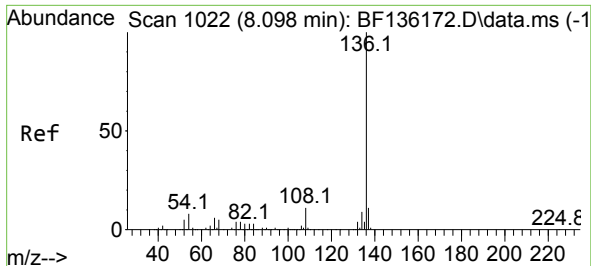
#19
n-Nitroso-di-n-propylamine
Concen: 21.362 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF136211.D
Acq: 25 Nov 2023 08:45



Tgt Ion: 70 Resp: 113350

Ion	Ratio	Lower	Upper
70	100		
42	43.6	43.9	65.9#
101	0.0	8.1	12.1#
130	1.4	19.5	29.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.080 min Scan# 1

Delta R.T. -0.006 min

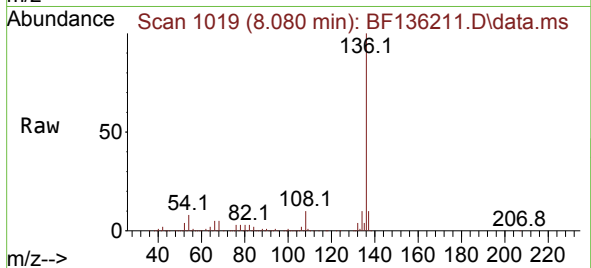
Lab File: BF136211.D

Acq: 25 Nov 2023 08:45

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 503331

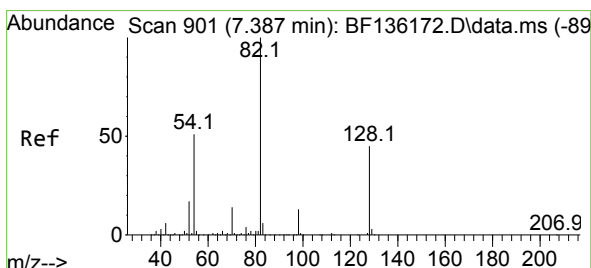
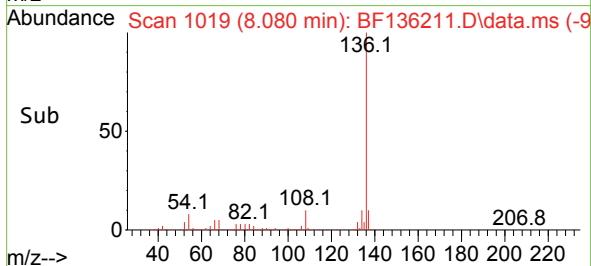
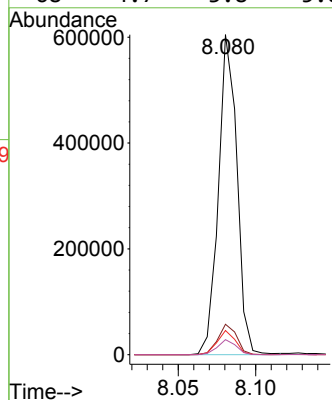
Ion Ratio Lower Upper

136 100

137 9.5 8.6 13.0

54 7.5 6.3 9.5

68 4.7 3.8 5.8



#23

Nitrobenzene-d5

Concen: 94.268 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136211.D

Acq: 25 Nov 2023 08:45

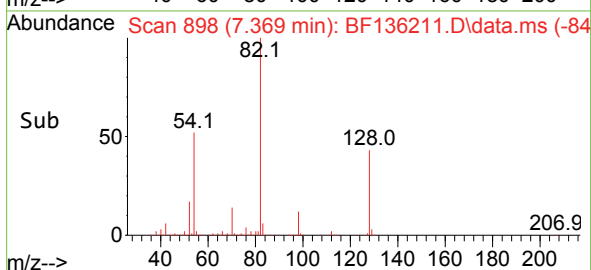
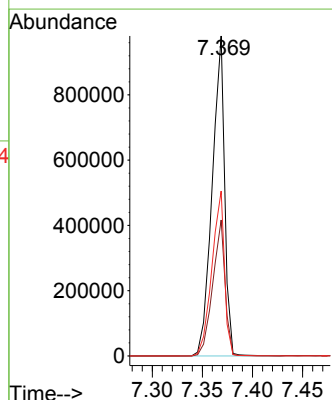
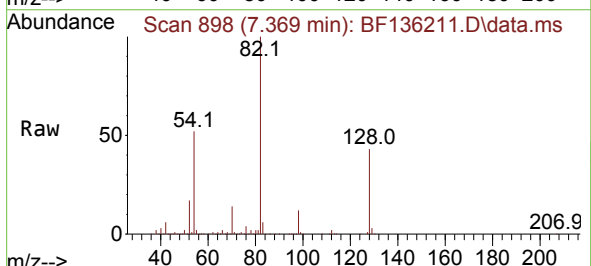
Tgt Ion: 82 Resp: 850273

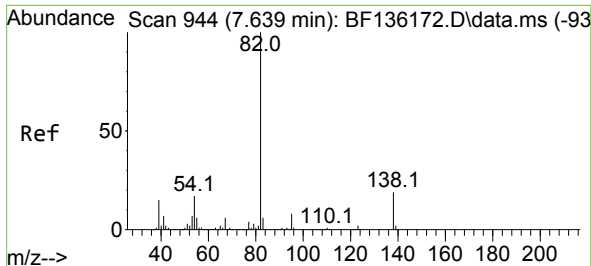
Ion Ratio Lower Upper

82 100

128 42.5 35.8 53.6

54 51.5 40.6 60.8

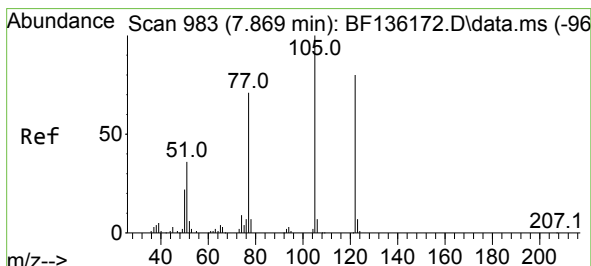
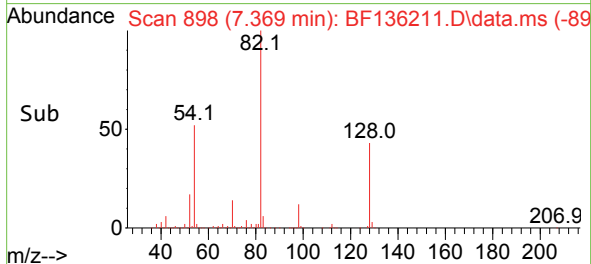
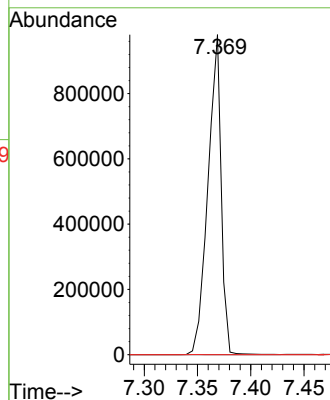
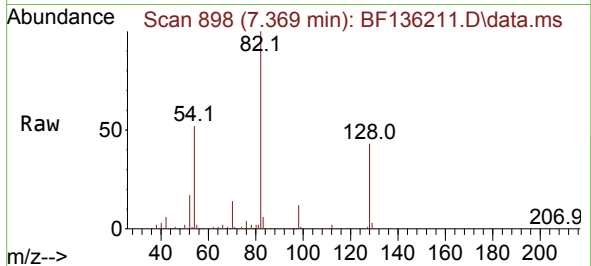




#25
Isophorone
Concen: 54.624 ng
RT: 7.369 min Scan# 894
Delta R.T. -0.259 min
Lab File: BF136211.D
Acq: 25 Nov 2023 08:45

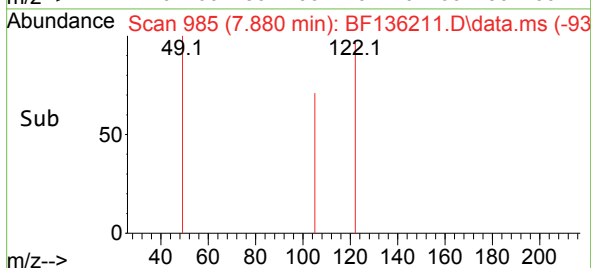
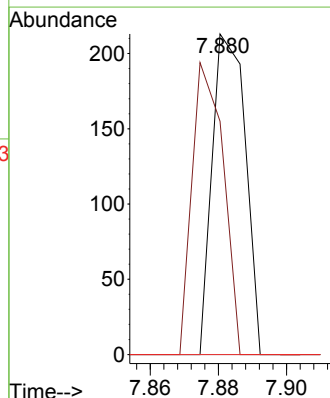
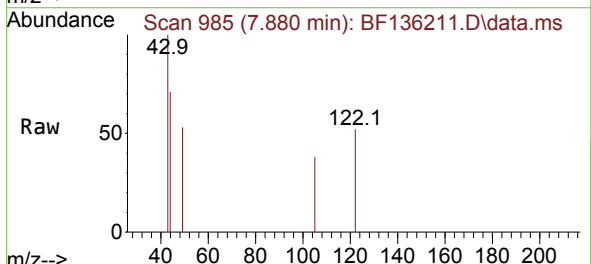
Instrument :
BNA_F
ClientSampleId :

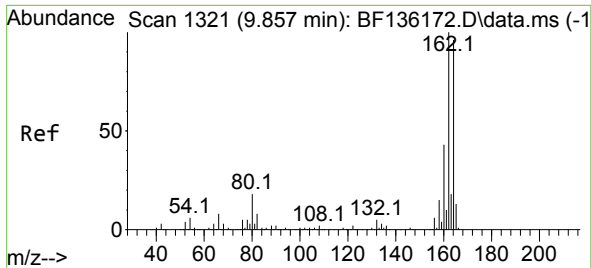
Tgt Ion: 82 Resp: 850264
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 14.8 22.2#



#32
Benzoic acid
Concen: 5.029 ng
RT: 7.880 min Scan# 985
Delta R.T. 0.023 min
Lab File: BF136211.D
Acq: 25 Nov 2023 08:45

Tgt Ion:122 Resp: 143
Ion Ratio Lower Upper
122 100
105 72.8 102.5 142.5#
77 0.0 68.1 108.1#

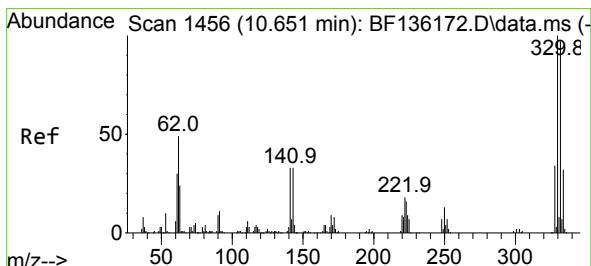
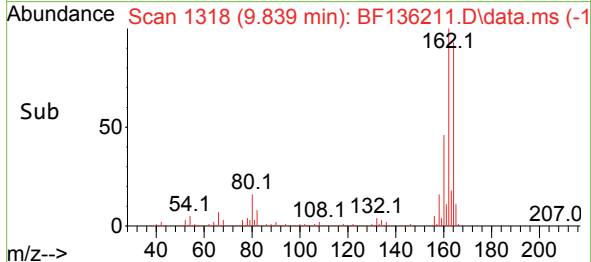
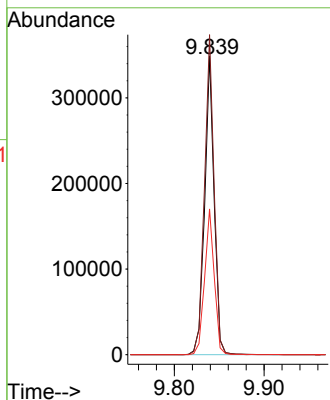
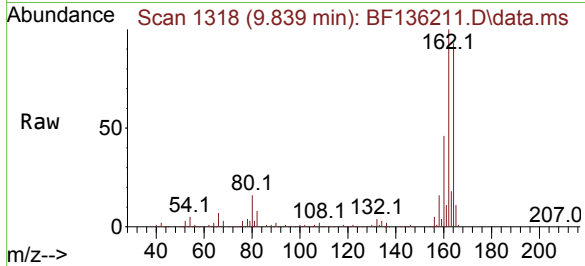




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136211.D
Acq: 25 Nov 2023 08:45

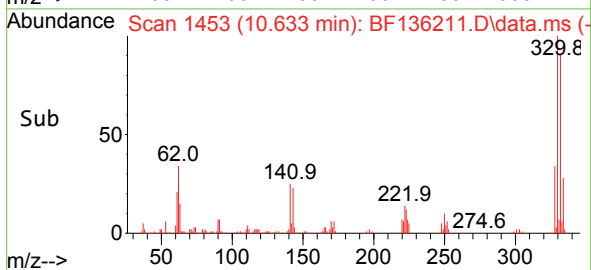
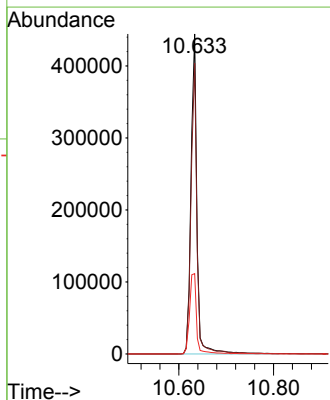
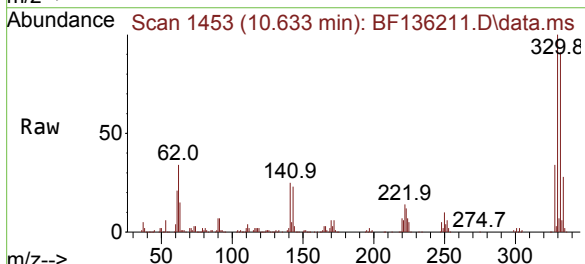
Instrument :
BNA_F
ClientSampleId :

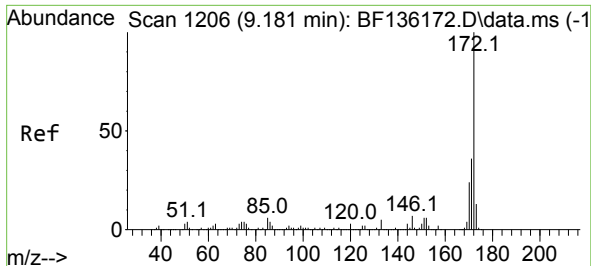
Tgt Ion:164 Resp: 256222
Ion Ratio Lower Upper
164 100
162 107.0 83.2 124.8
160 48.7 35.8 53.8



#42
2,4,6-Tribromophenol
Concen: 144.396 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136211.D
Acq: 25 Nov 2023 08:45

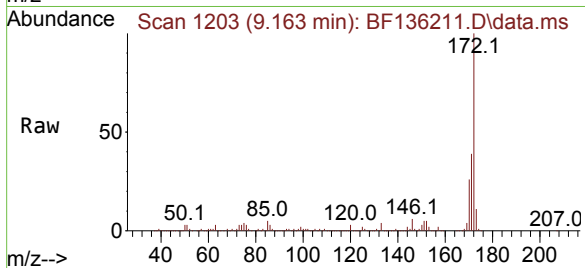
Tgt Ion:330 Resp: 387490
Ion Ratio Lower Upper
330 100
332 90.5 77.6 116.4
141 29.8 25.8 38.6



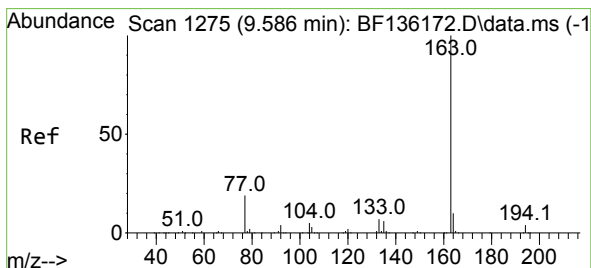
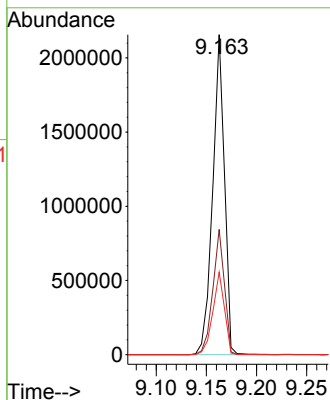
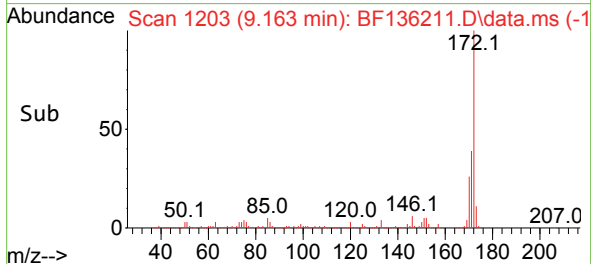


#45
2-Fluorobiphenyl
Concen: 101.787 ng
RT: 9.163 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136211.D
Acq: 25 Nov 2023 08:45

Instrument :
BNA_F
ClientSampleId :

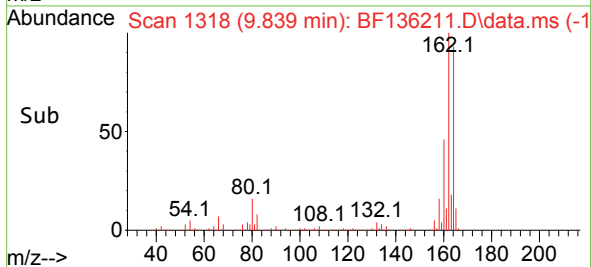
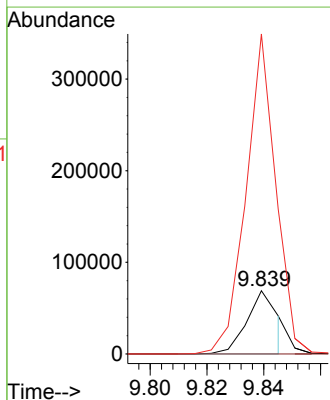
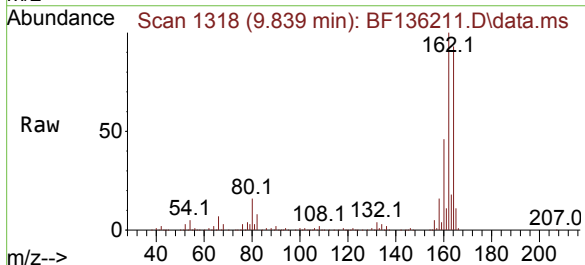


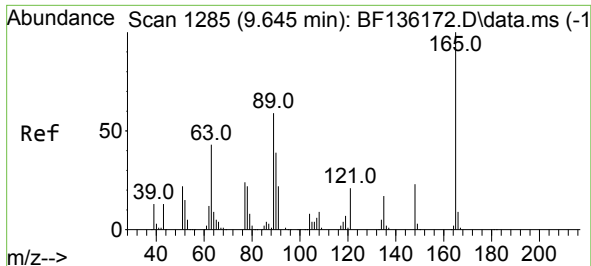
Tgt Ion:172 Resp: 1764310
Ion Ratio Lower Upper
172 100
171 39.2 28.9 43.3
170 25.8 19.1 28.7



#50
Dimethylphthalate
Concen: 2.998 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.264 min
Lab File: BF136211.D
Acq: 25 Nov 2023 08:45

Tgt Ion:163 Resp: 51899
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 505.9 7.8 11.8#

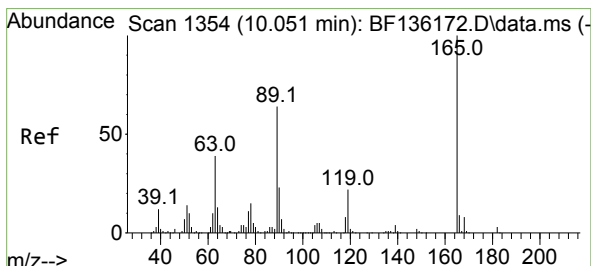
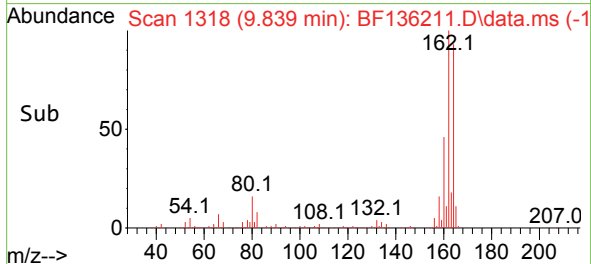
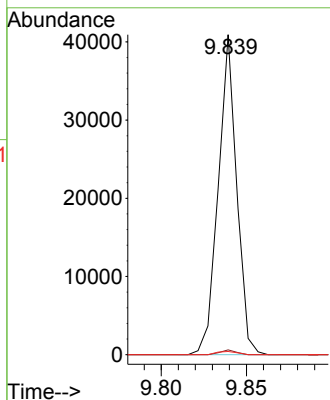
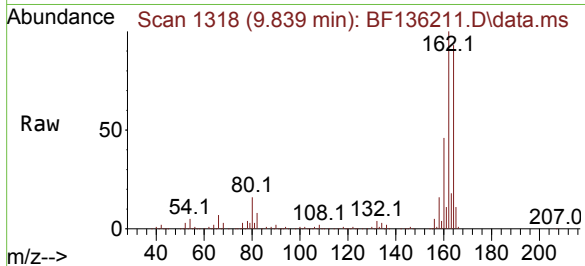




#51
2,6-Dinitrotoluene
Concen: 8.206 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136211.D
Acq: 25 Nov 2023 08:45

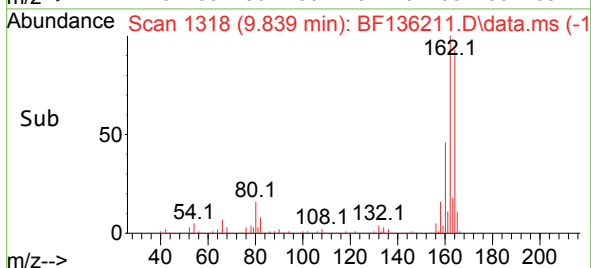
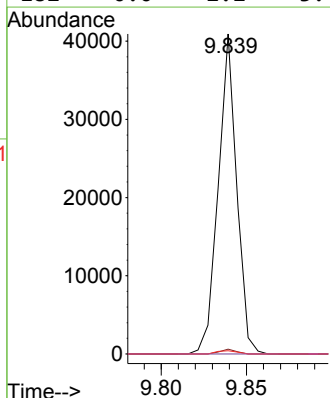
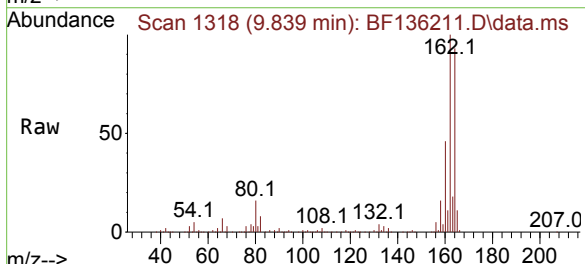
Instrument :
BNA_F
ClientSampleId :

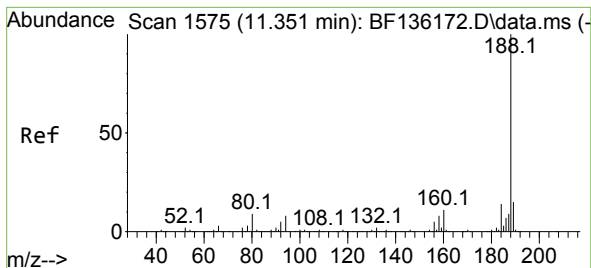
Tgt Ion:165 Resp: 30827
Ion Ratio Lower Upper
165 100
63 1.5 48.0 72.0#
89 1.0 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.461 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136211.D
Acq: 25 Nov 2023 08:45

Tgt Ion:165 Resp: 30827
Ion Ratio Lower Upper
165 100
63 1.5 31.4 47.0#
89 1.0 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: BF136211.D

Acq: 25 Nov 2023 08:45

Instrument :

BNA_F

ClientSampleId :

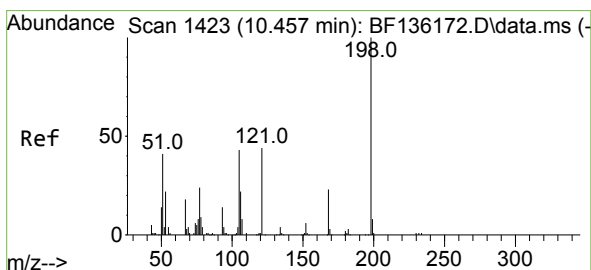
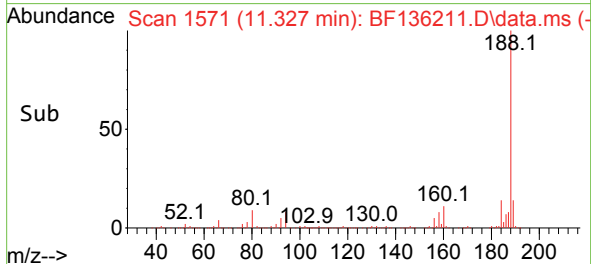
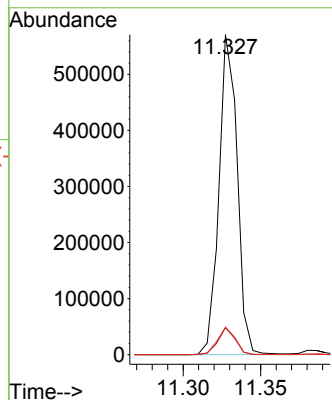
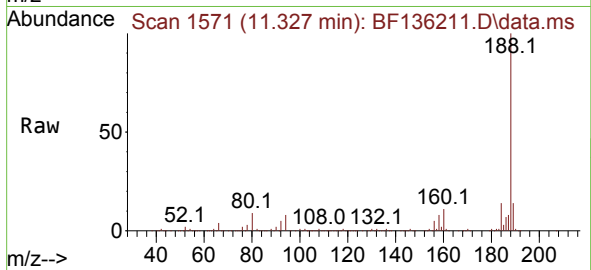
Tgt Ion:188 Resp: 467241

Ion Ratio Lower Upper

188 100

94 8.5 6.6 9.8

80 8.6 7.3 10.9



#65

4,6-Dinitro-2-methylphenol

Concen: 4.994 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.188 min

Lab File: BF136211.D

Acq: 25 Nov 2023 08:45

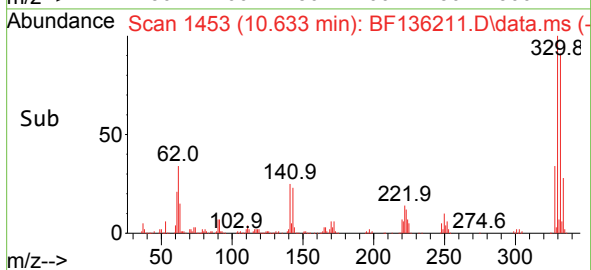
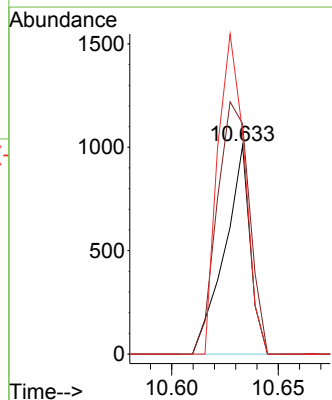
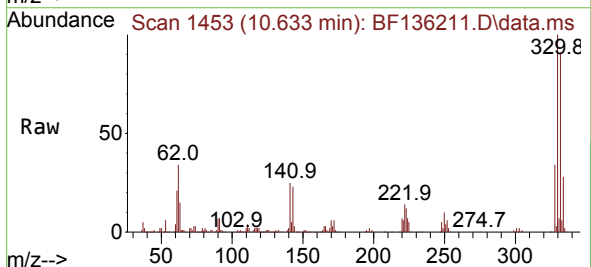
Tgt Ion:198 Resp: 839

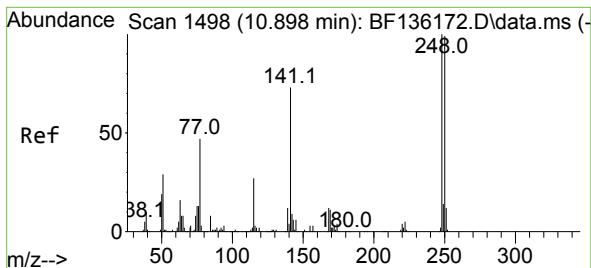
Ion Ratio Lower Upper

198 100

51 110.4 27.3 67.3#

105 106.3 24.2 64.2#

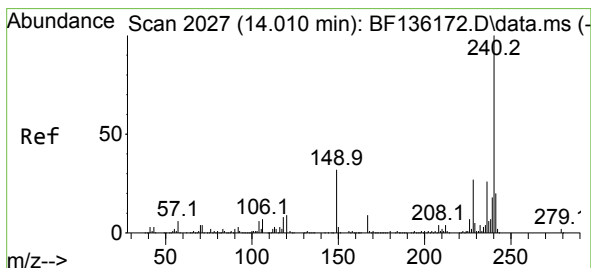
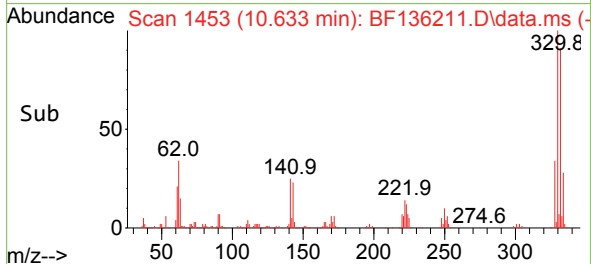
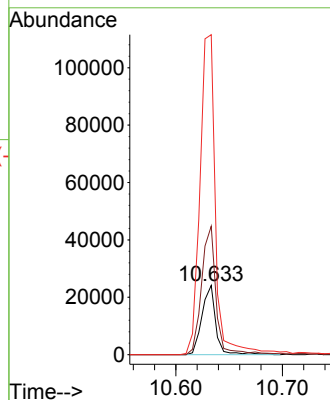
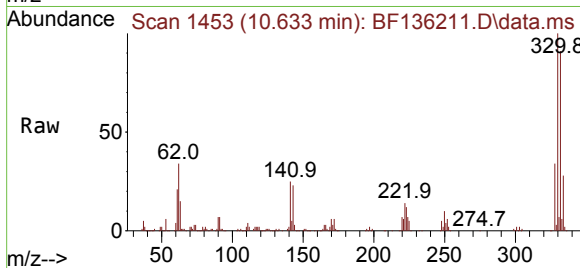




#67
4-Bromophenyl-phenylether
Concen: 4.205 ng
RT: 10.633 min Scan# 1498
Delta R.T. -0.253 min
Lab File: BF136211.D
Acq: 25 Nov 2023 08:45

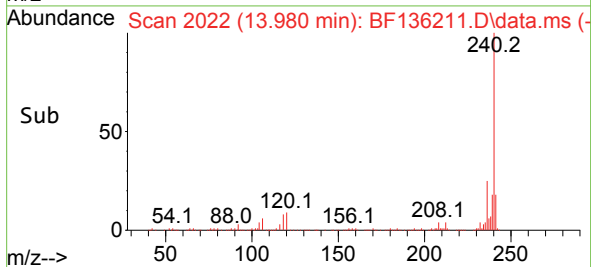
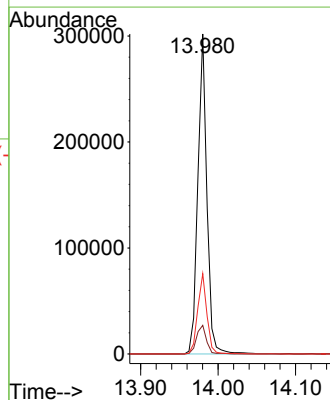
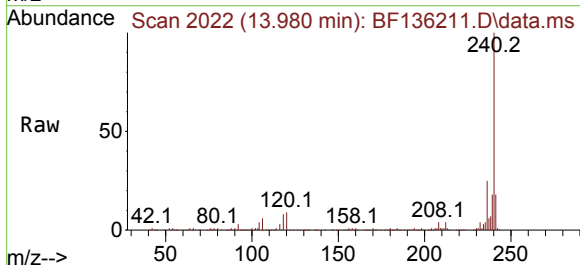
Instrument :
BNA_F
ClientSampleId :

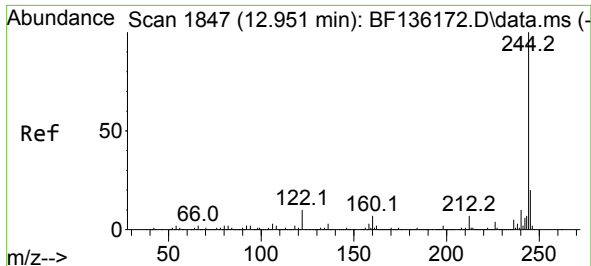
Tgt Ion:248 Resp: 21883
Ion Ratio Lower Upper
248 100
250 185.4 79.0 118.4#
141 461.9 58.8 88.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136211.D
Acq: 25 Nov 2023 08:45

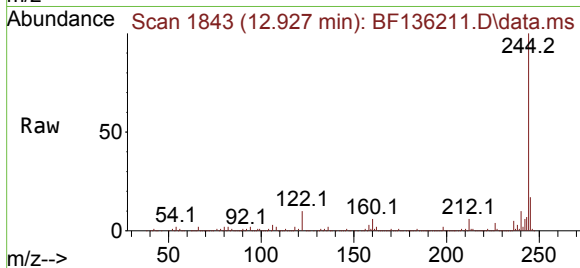
Tgt Ion:240 Resp: 244499
Ion Ratio Lower Upper
240 100
120 8.9 7.1 10.7
236 25.1 20.9 31.3





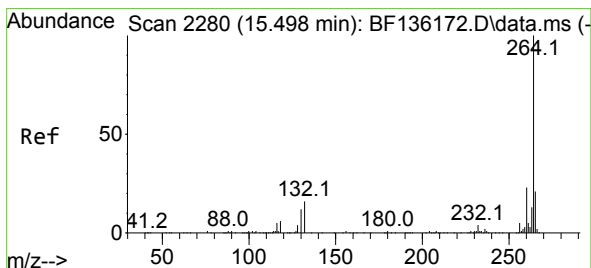
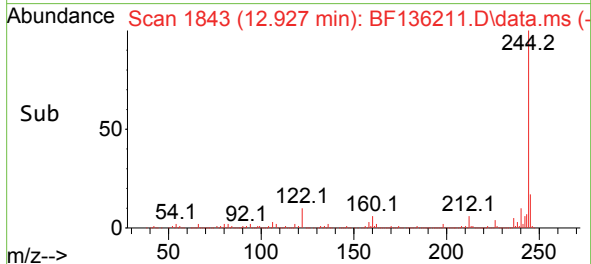
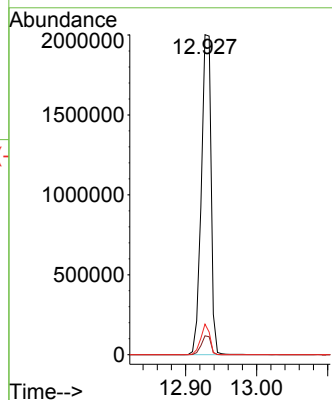
#79
 Terphenyl-d14
 Concen: 111.415 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136211.D
 Acq: 25 Nov 2023 08:45

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1919082

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.4	8.0
122	9.6	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: BF136211.D
 Acq: 25 Nov 2023 08:45

Tgt Ion:264 Resp: 233056

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	19.4	16.9	25.3

