

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136212.D
 Acq On : 25 Nov 2023 09:17
 Operator : CG\JU
 Sample : 05412-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 02:20:58 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)

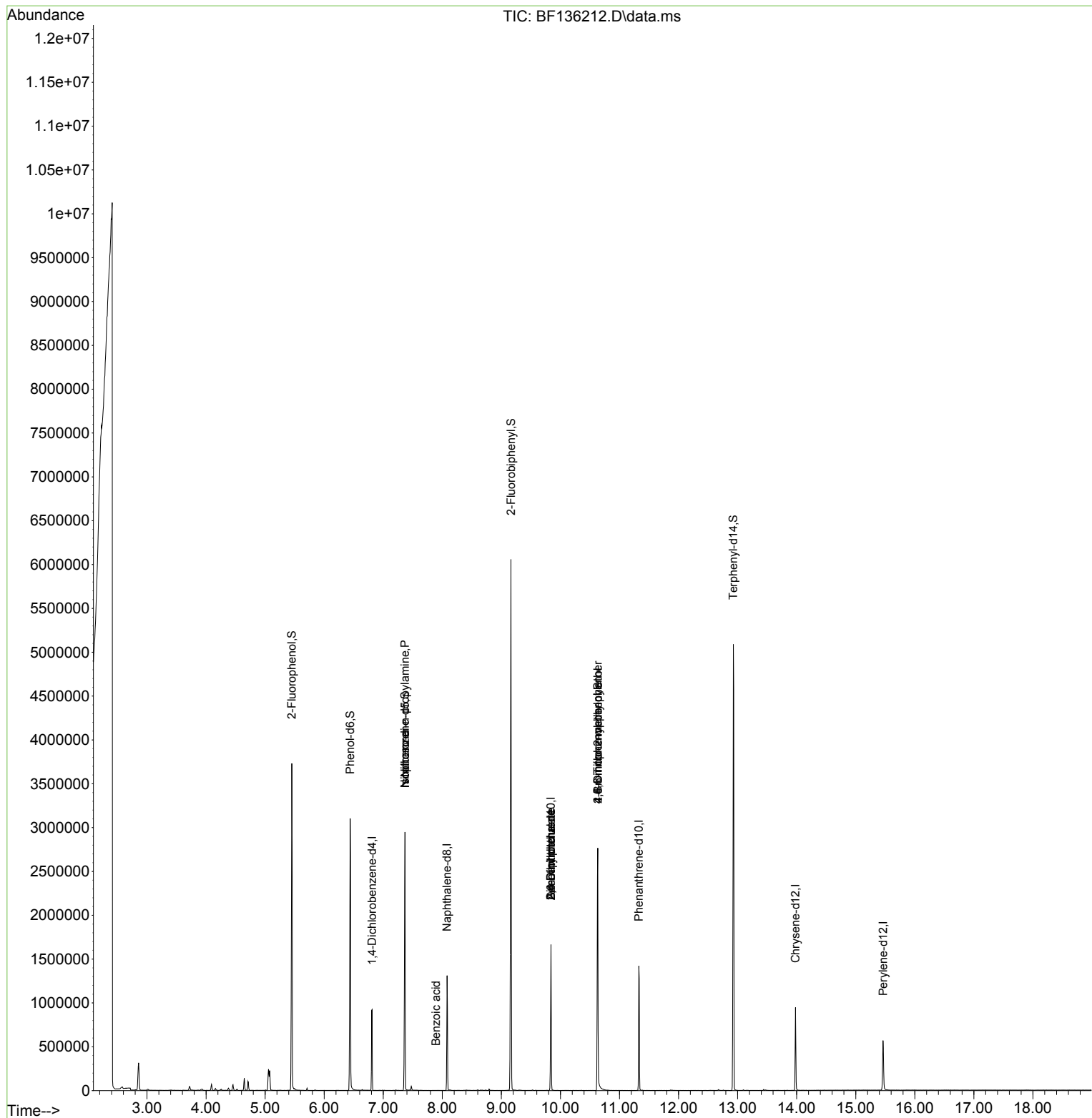
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	133423	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	555588	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	287894	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	529806	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	289019	20.000	ng	0.00
86) Perylene-d12	15.462	264	270595	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1055129	125.917	ng	0.02
7) Phenol-d6	6.439	99	1171929	113.655	ng	0.00
23) Nitrobenzene-d5	7.369	82	899366	90.332	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	388755	128.930	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1848754	94.925	ng	0.00
79) Terphenyl-d14	12.927	244	1976639	97.080	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	119404	20.060	ng	# 76
25) Isophorone	7.369	82	899357	52.343	ng	# 64
32) Benzoic acid	7.892	122	319	5.054	ng	# 1
50) Dimethylphthalate	9.839	163	60560	3.113	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	34439	8.159	ng	# 22
57) 2,4-Dinitrotoluene	9.839	165	34439	6.424	ng	# 28
65) 4,6-Dinitro-2-methylph...	10.633	198	862	4.967	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	21774	3.690	ng	# 1

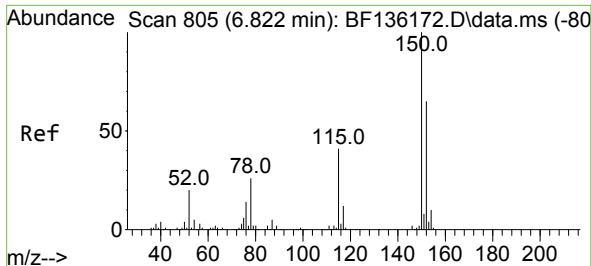
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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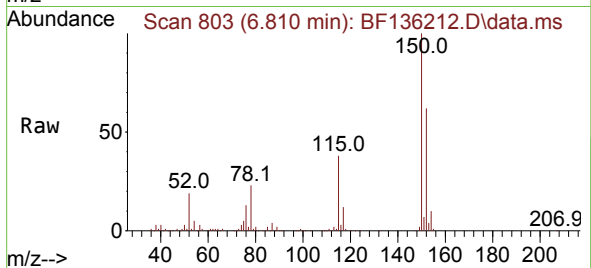
Quant Time: Nov 27 02:20:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
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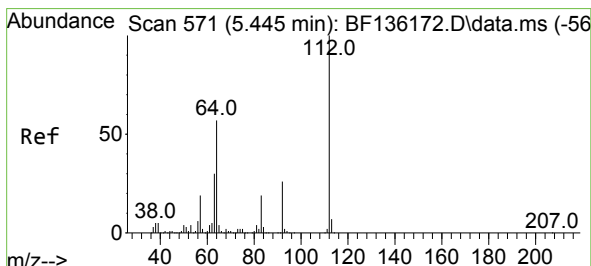
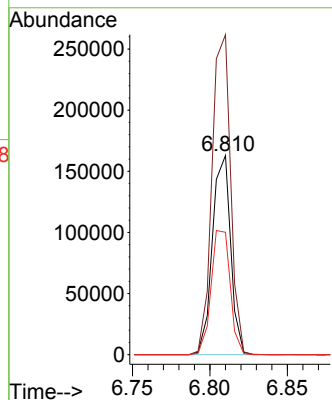
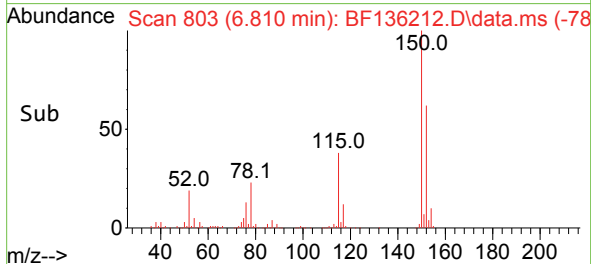


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 805
 Delta R.T. 0.000 min
 Lab File: BF136212.D
 Acq: 25 Nov 2023 09:17

Instrument :
 BNA_F
 ClientSampleId :

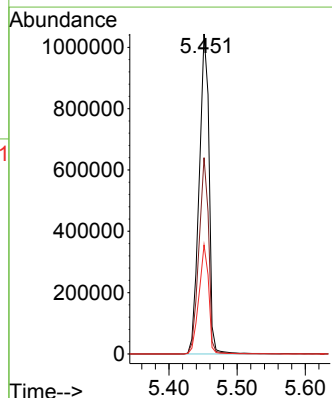
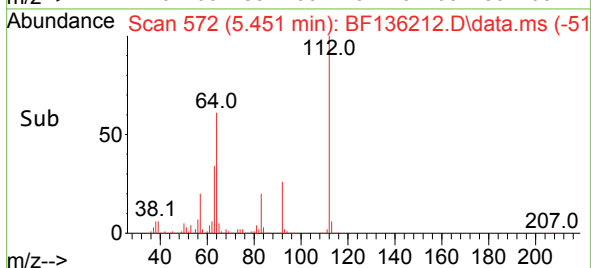
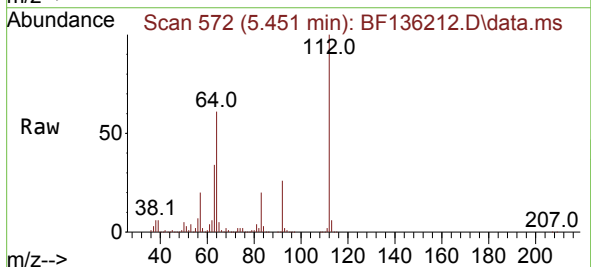


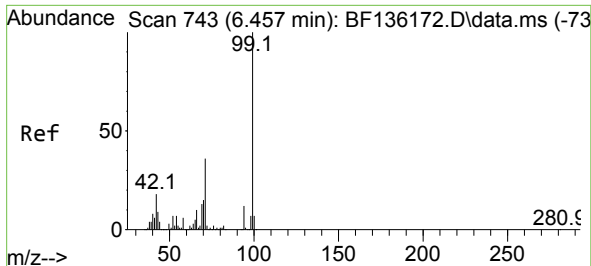
Tgt Ion:152 Resp: 133423
 Ion Ratio Lower Upper
 152 100
 150 160.6 123.1 184.7
 115 61.5 50.5 75.7



#5
 2-Fluorophenol
 Concen: 125.917 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.017 min
 Lab File: BF136212.D
 Acq: 25 Nov 2023 09:17

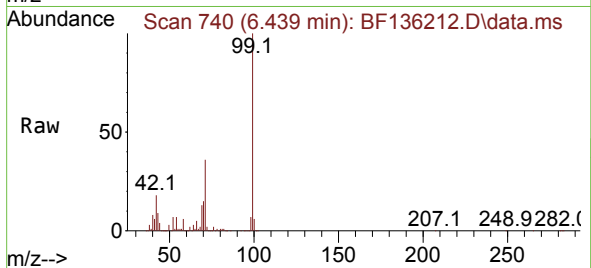
Tgt Ion:112 Resp: 1055129
 Ion Ratio Lower Upper
 112 100
 64 61.3 45.4 68.0
 63 34.1 24.4 36.6





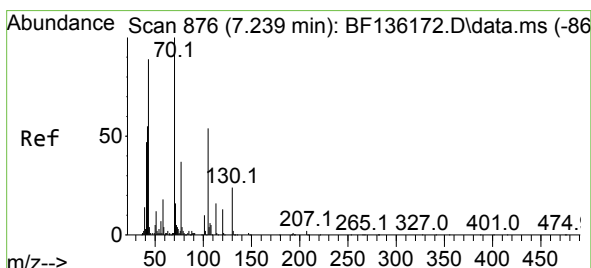
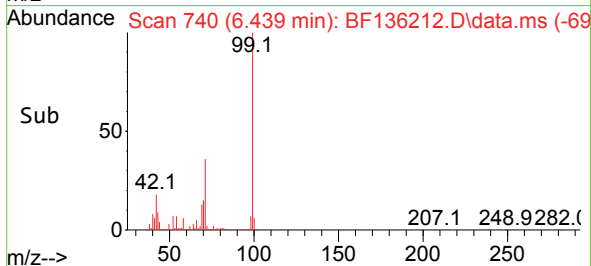
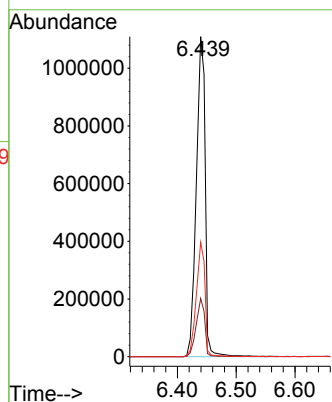
#7
Phenol-d6
Concen: 113.655 ng
RT: 6.439 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136212.D
Acq: 25 Nov 2023 09:17

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1171929

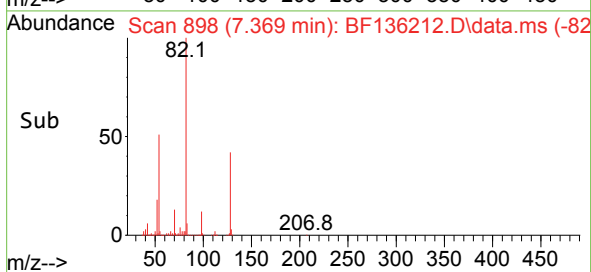
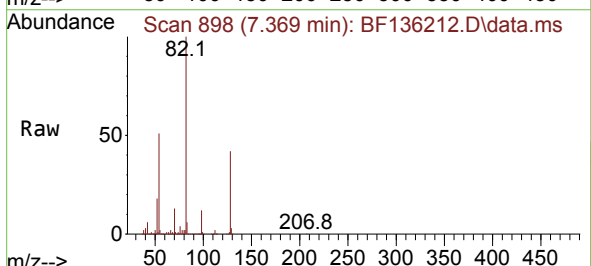
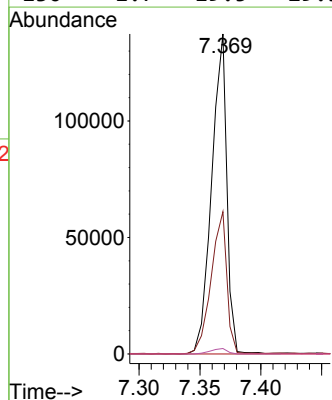
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.1	21.1
71	35.8	29.0	43.4

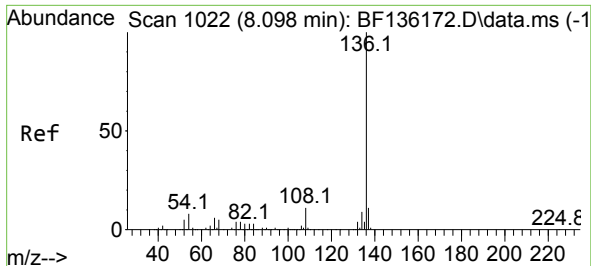


#19
n-Nitroso-di-n-propylamine
Concen: 20.060 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF136212.D
Acq: 25 Nov 2023 09:17

Tgt Ion: 70 Resp: 119404

Ion	Ratio	Lower	Upper
70	100		
42	44.4	43.9	65.9
101	0.0	8.1	12.1#
130	1.7	19.5	29.3#

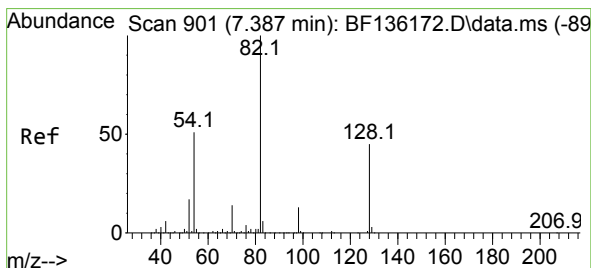
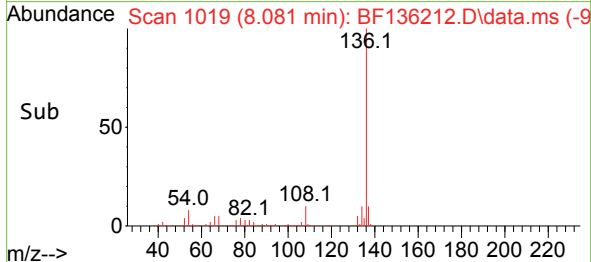
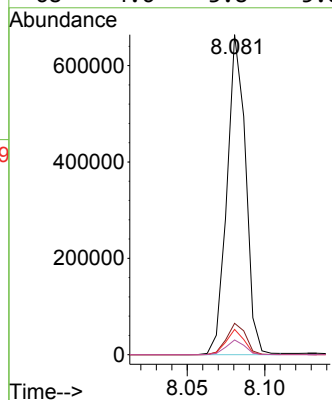
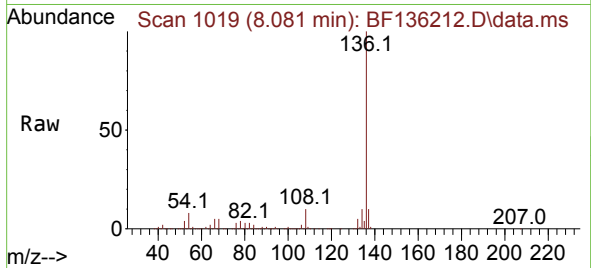




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136212.D
Acq: 25 Nov 2023 09:17

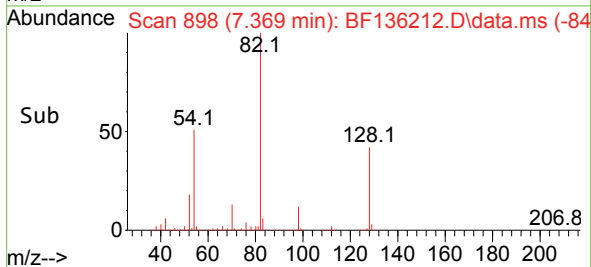
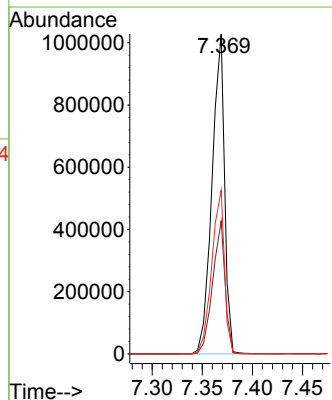
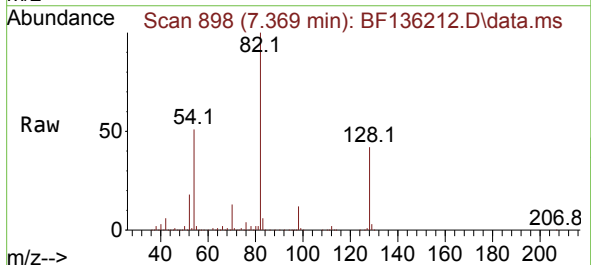
Instrument :
BNA_F
ClientSampleId :

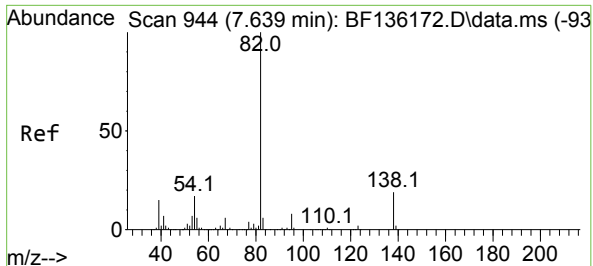
Tgt Ion:136 Resp: 555588
Ion Ratio Lower Upper
136 100
137 9.8 8.6 13.0
54 7.9 6.3 9.5
68 4.6 3.8 5.8



#23
Nitrobenzene-d5
Concen: 90.332 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136212.D
Acq: 25 Nov 2023 09:17

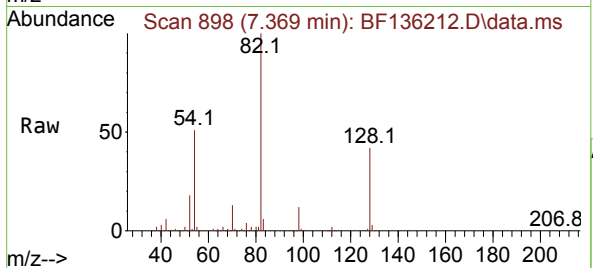
Tgt Ion: 82 Resp: 899366
Ion Ratio Lower Upper
82 100
128 41.6 35.8 53.6
54 51.2 40.6 60.8



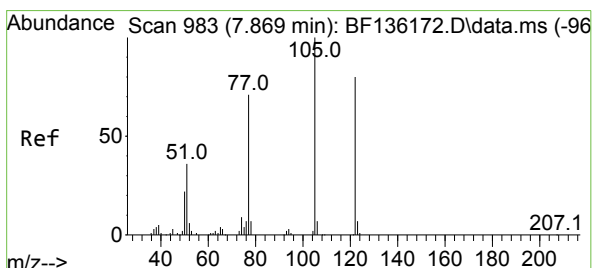
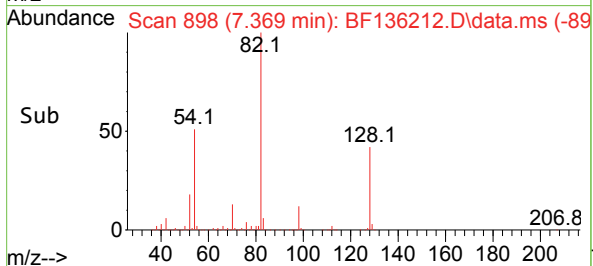
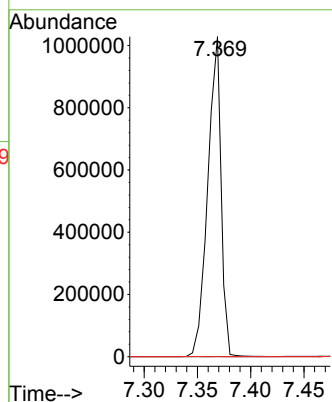


#25
Isophorone
Concen: 52.343 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136212.D
Acq: 25 Nov 2023 09:17

Instrument :
BNA_F
ClientSampleId :

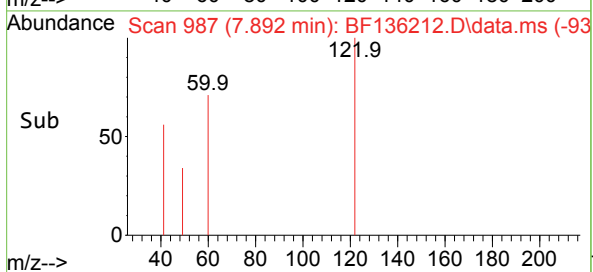
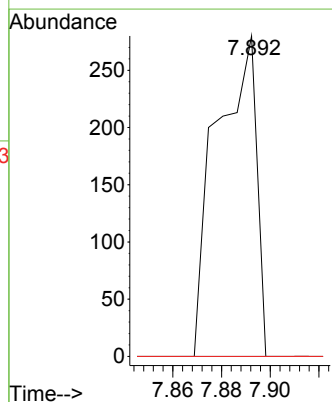
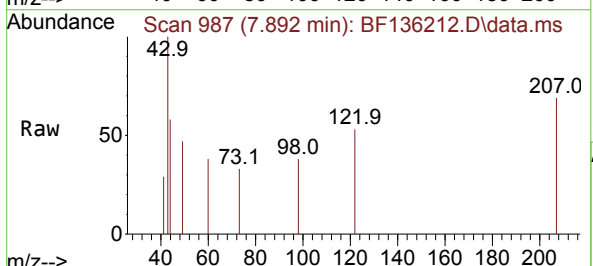


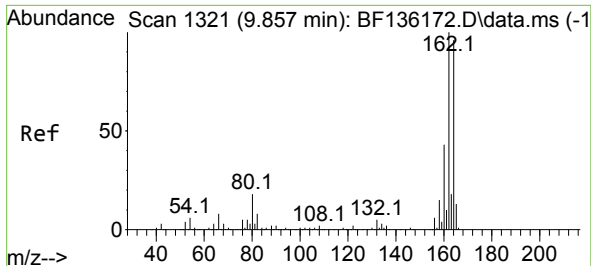
Tgt Ion: 82 Resp: 899357
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 14.8 22.2#



#32
Benzoic acid
Concen: 5.054 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.035 min
Lab File: BF136212.D
Acq: 25 Nov 2023 09:17

Tgt Ion: 122 Resp: 319
Ion Ratio Lower Upper
122 100
105 0.0 102.5 142.5#
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

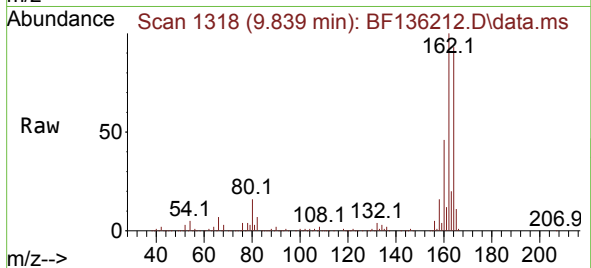
Lab File: BF136212.D

Acq: 25 Nov 2023 09:17

Instrument :

BNA_F

ClientSampleId :



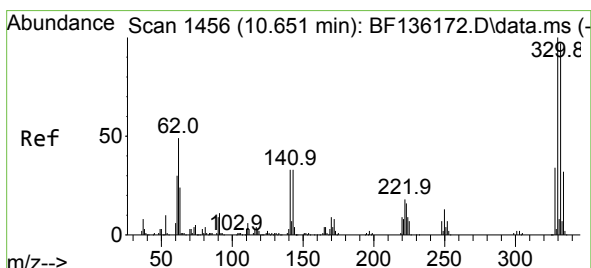
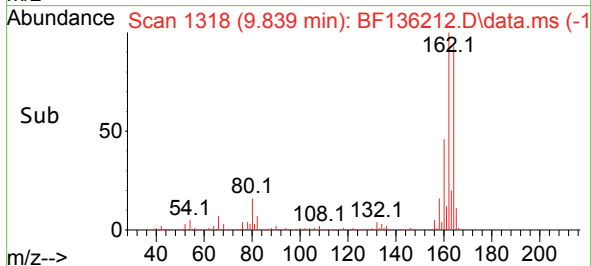
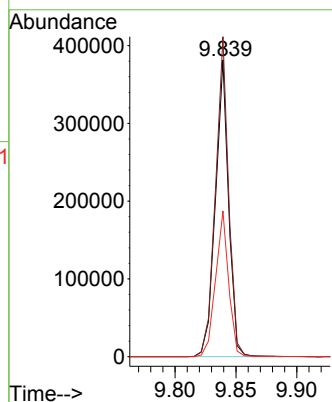
Tgt Ion:164 Resp: 287894

Ion Ratio Lower Upper

164 100

162 107.8 83.2 124.8

160 49.1 35.8 53.8



#42

2,4,6-Tribromophenol

Concen: 128.930 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF136212.D

Acq: 25 Nov 2023 09:17

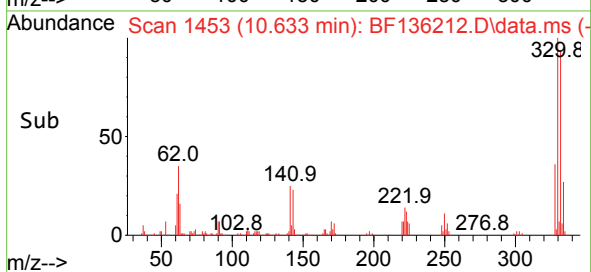
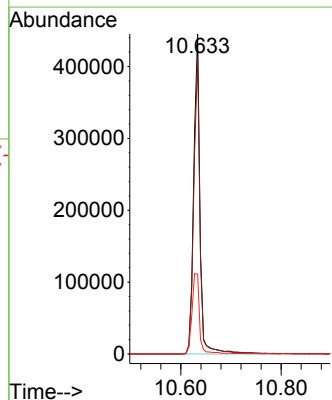
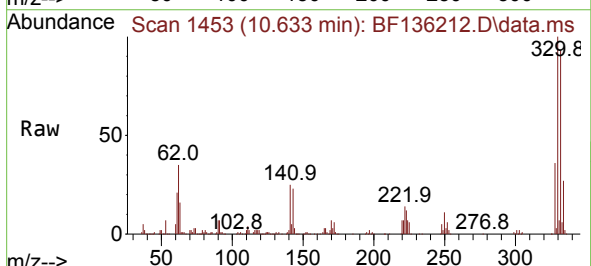
Tgt Ion:330 Resp: 388755

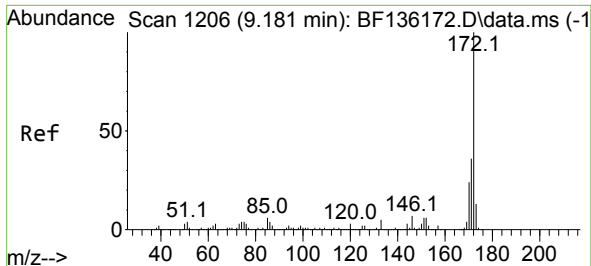
Ion Ratio Lower Upper

330 100

332 92.4 77.6 116.4

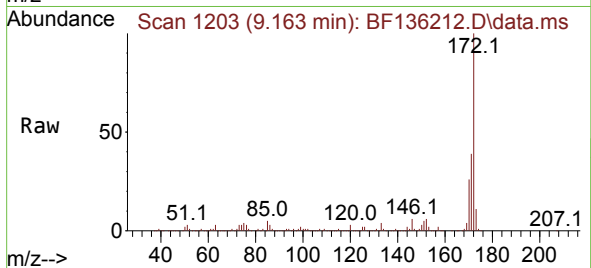
141 30.2 25.8 38.6



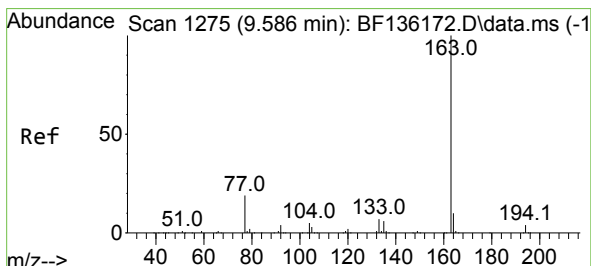
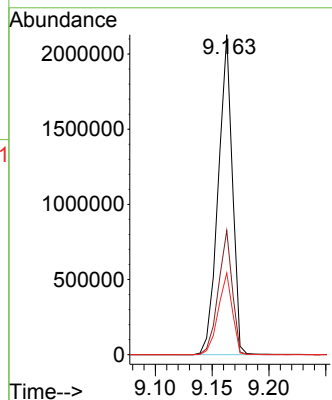
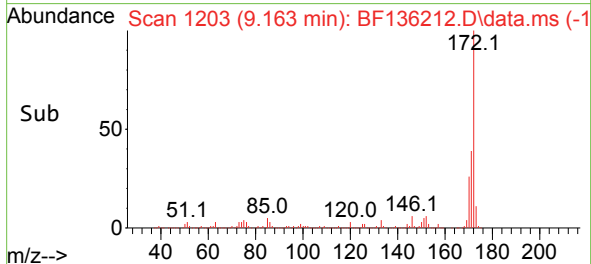


#45
2-Fluorobiphenyl
Concen: 94.925 ng
RT: 9.163 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136212.D
Acq: 25 Nov 2023 09:17

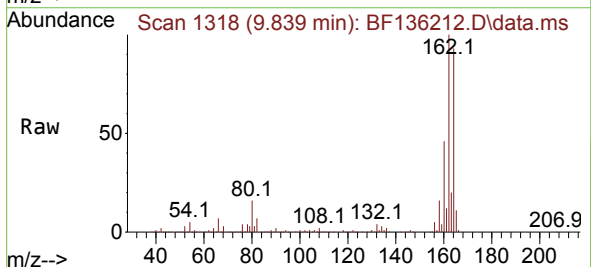
Instrument :
BNA_F
ClientSampleId :



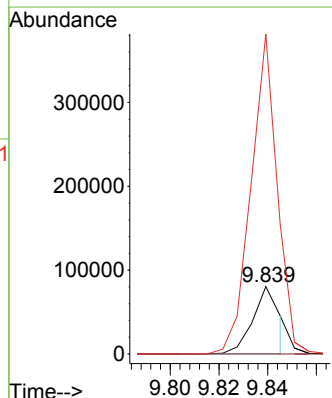
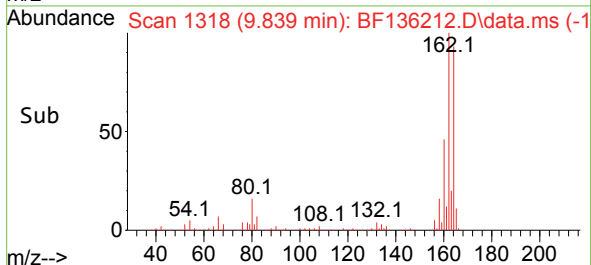
Tgt Ion:172 Resp: 1848754
Ion Ratio Lower Upper
172 100
171 38.8 28.9 43.3
170 25.6 19.1 28.7

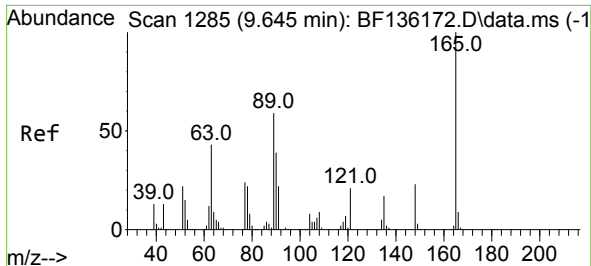


#50
Dimethylphthalate
Concen: 3.113 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.264 min
Lab File: BF136212.D
Acq: 25 Nov 2023 09:17



Tgt Ion:163 Resp: 60560
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 474.5 7.8 11.8#

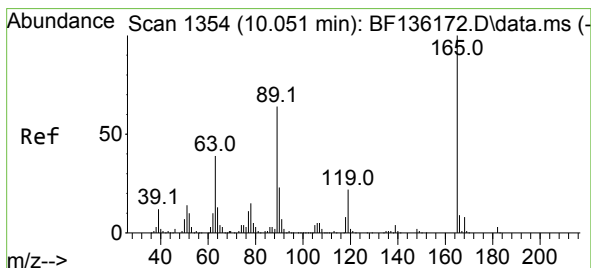
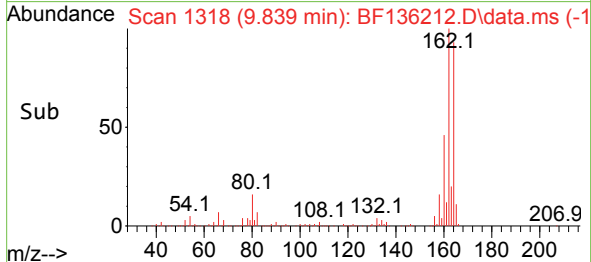
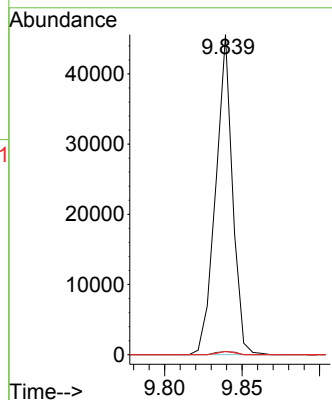
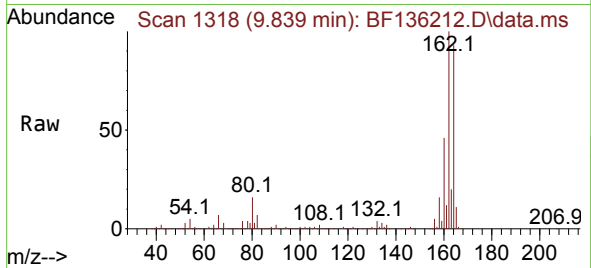




#51
2,6-Dinitrotoluene
Concen: 8.159 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136212.D
Acq: 25 Nov 2023 09:17

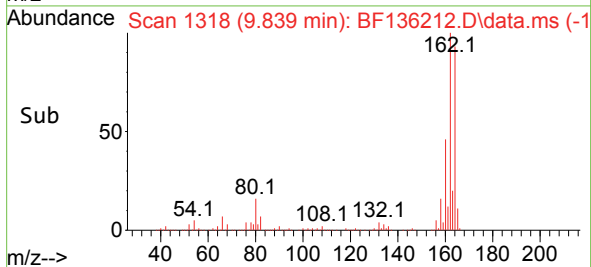
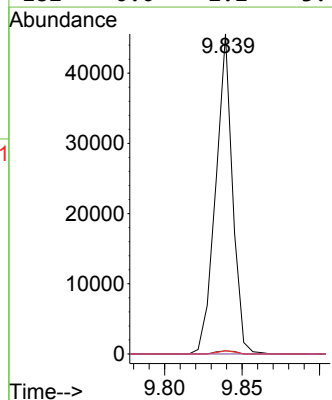
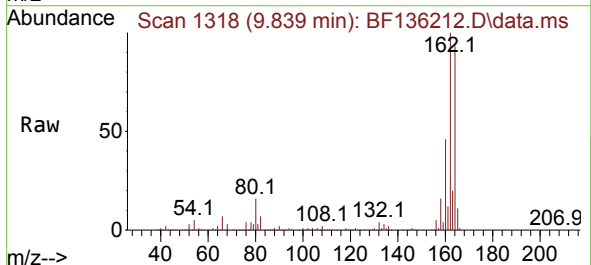
Instrument :
BNA_F
ClientSampleId :

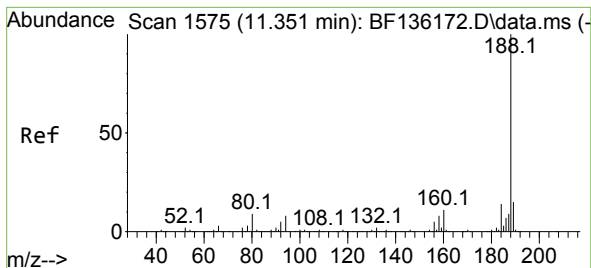
Tgt Ion:165 Resp: 34439
Ion Ratio Lower Upper
165 100
63 1.0 48.0 72.0#
89 1.0 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.424 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136212.D
Acq: 25 Nov 2023 09:17

Tgt Ion:165 Resp: 34439
Ion Ratio Lower Upper
165 100
63 1.0 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: BF136212.D

Acq: 25 Nov 2023 09:17

Instrument :

BNA_F

ClientSampleId :

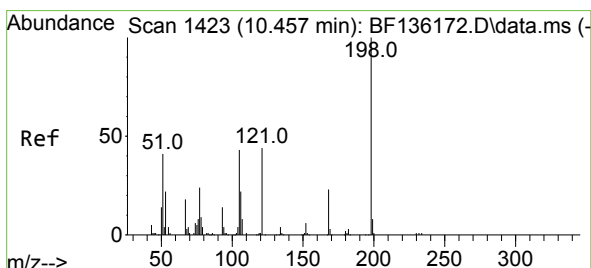
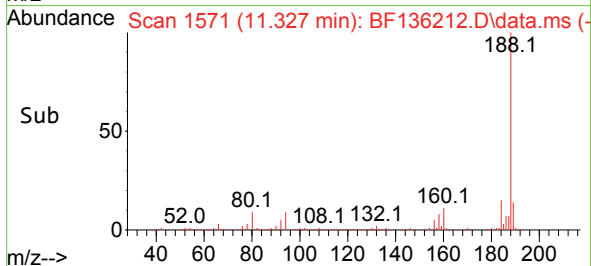
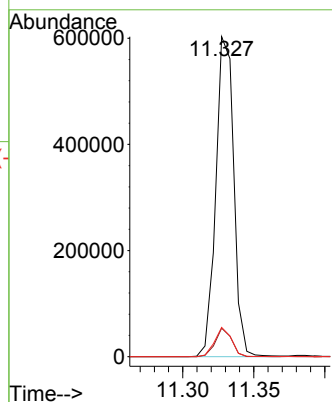
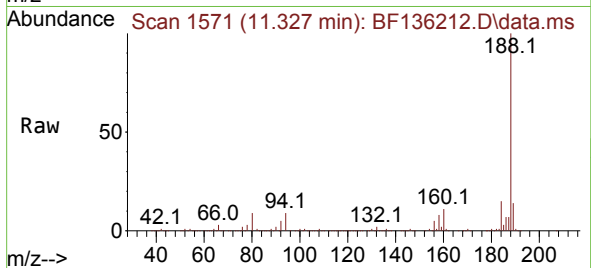
Tgt Ion:188 Resp: 529806

Ion Ratio Lower Upper

188 100

94 8.9 6.6 9.8

80 9.1 7.3 10.9



#65

4,6-Dinitro-2-methylphenol

Concen: 4.967 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.188 min

Lab File: BF136212.D

Acq: 25 Nov 2023 09:17

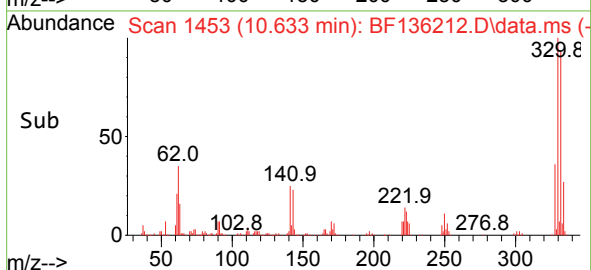
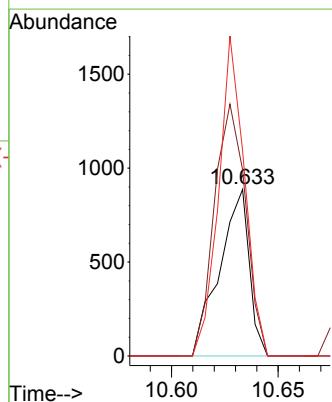
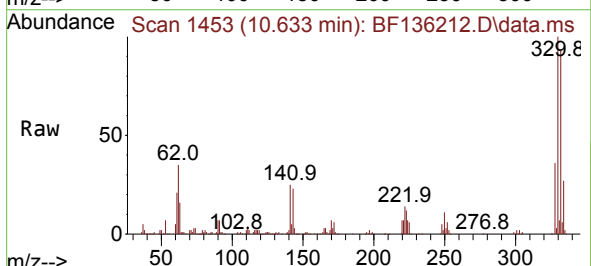
Tgt Ion:198 Resp: 862

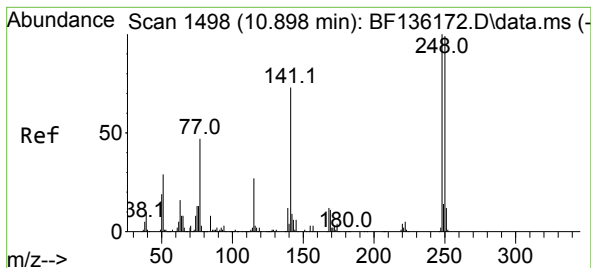
Ion Ratio Lower Upper

198 100

51 111.7 27.3 67.3#

105 123.2 24.2 64.2#

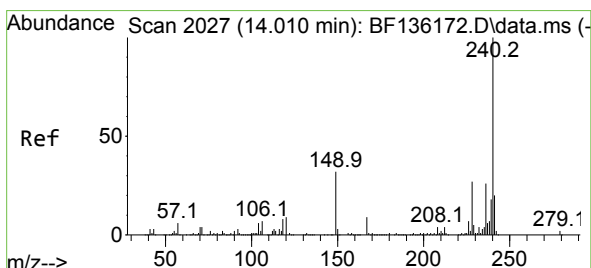
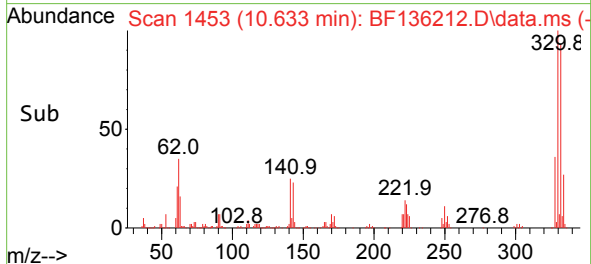
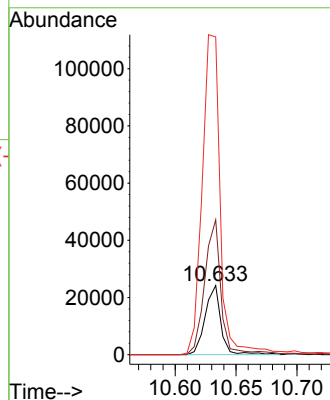
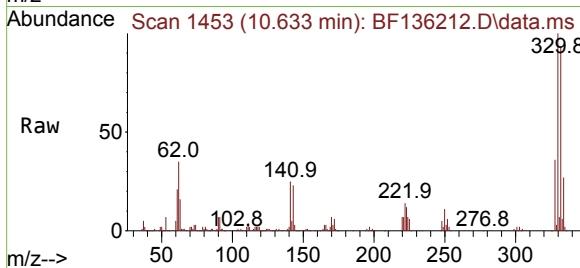




#67
4-Bromophenyl-phenylether
Concen: 3.690 ng
RT: 10.633 min Scan# 1498
Delta R.T. -0.253 min
Lab File: BF136212.D
Acq: 25 Nov 2023 09:17

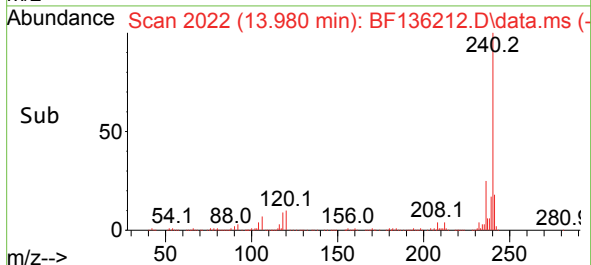
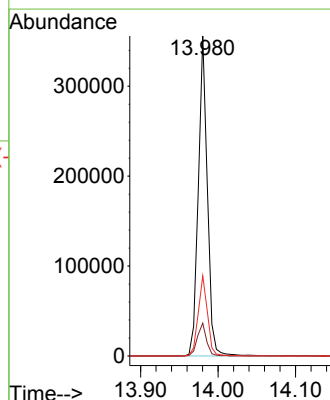
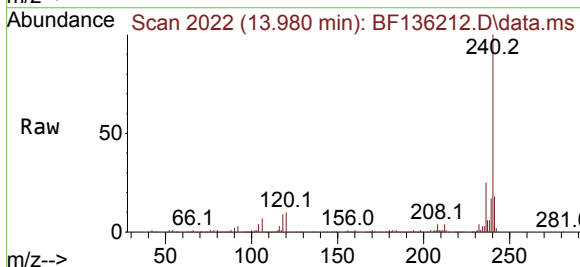
Instrument :
BNA_F
ClientSampleId :

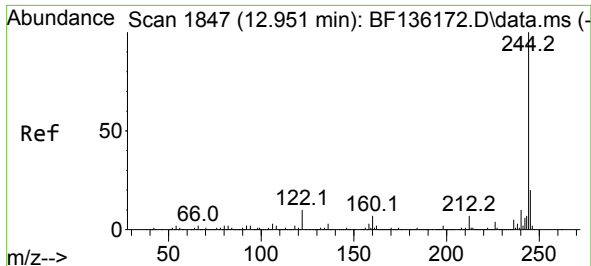
Tgt Ion:248 Resp: 21774
Ion Ratio Lower Upper
248 100
250 195.0 79.0 118.4#
141 459.6 58.8 88.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136212.D
Acq: 25 Nov 2023 09:17

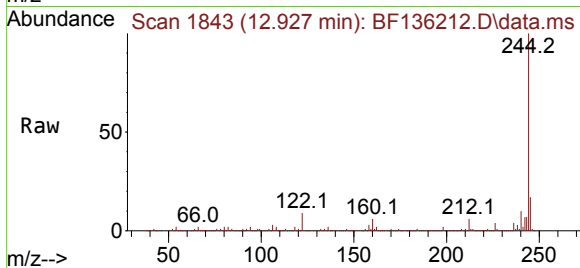
Tgt Ion:240 Resp: 289019
Ion Ratio Lower Upper
240 100
120 10.2 7.1 10.7
236 25.1 20.9 31.3





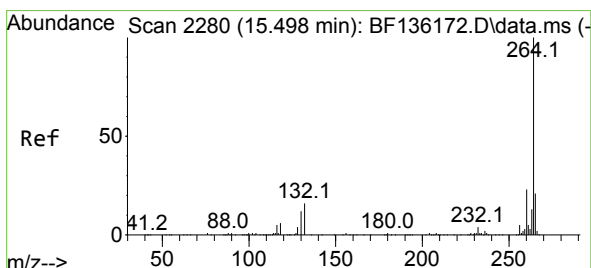
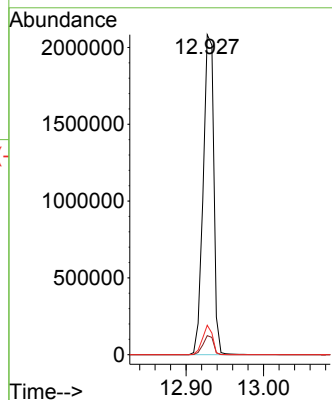
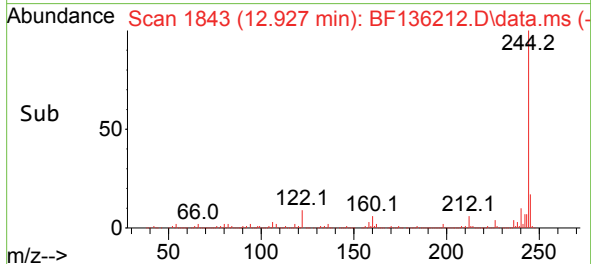
#79
 Terphenyl-d14
 Concen: 97.080 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136212.D
 Acq: 25 Nov 2023 09:17

Instrument :
 BNA_F
 ClientSampleId :

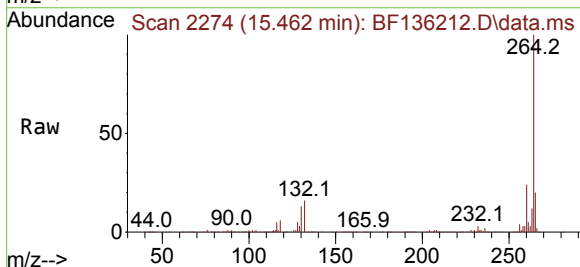


Tgt Ion:244 Resp: 1976639

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.4	8.0
122	9.2	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: BF136212.D
 Acq: 25 Nov 2023 09:17



Tgt Ion:264 Resp: 270595

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.5	27.7
265	19.7	16.9	25.3

