

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136206.D
 Acq On : 25 Nov 2023 06:07
 Operator : CG\JU
 Sample : 05418-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 02:18:46 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)

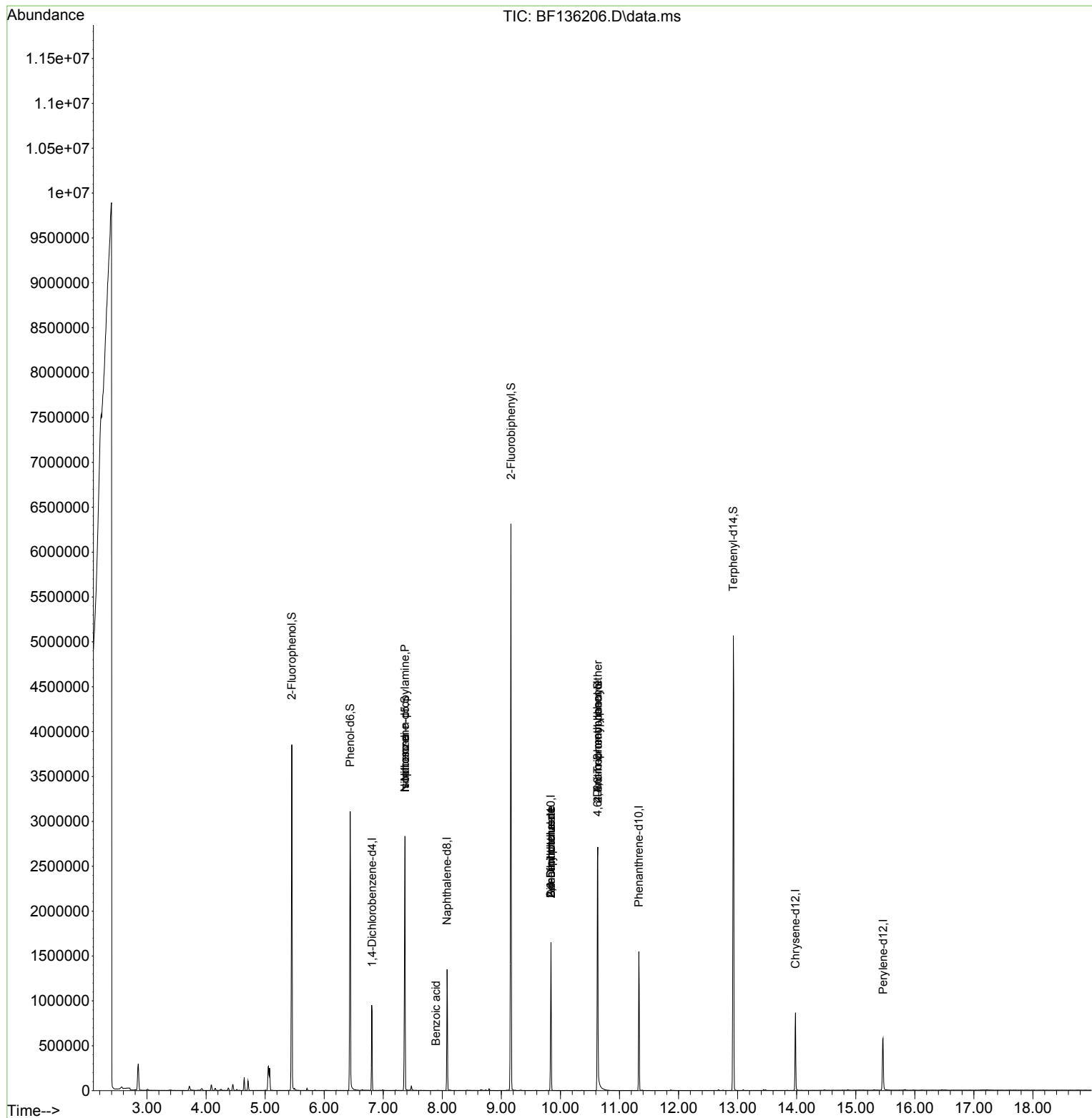
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	131704	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	565479	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	290009	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	543018	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	281170	20.000	ng	0.00
86) Perylene-d12	15.462	264	272064	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1011810	122.323	ng	0.02
7) Phenol-d6	6.440	99	1117160	109.757	ng	0.00
23) Nitrobenzene-d5	7.369	82	876768	86.522	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	408405	134.460	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1800658	91.781	ng	0.00
79) Terphenyl-d14	12.927	244	2001560	101.048	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	116920	19.900	ng	# 76
25) Isophorone	7.369	82	876758	50.136	ng	# 64
32) Benzoic acid	7.892	122	498	5.080	ng	# 1
50) Dimethylphthalate	9.839	163	61410	3.134	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	34978	8.226	ng	# 23
57) 2,4-Dinitrotoluene	9.839	165	34978	6.477	ng	# 28
65) 4,6-Dinitro-2-methylph...	10.628	198	670	4.906	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	23062	3.813	ng	# 1

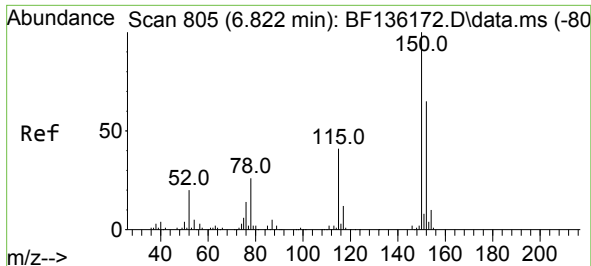
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
Data File : BF136206.D
Acq On : 25 Nov 2023 06:07
Operator : CG\JU
Sample : 05418-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

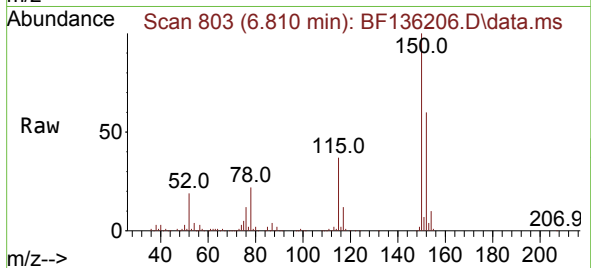
Quant Time: Nov 27 02:18:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 23:44:28 2023
Response via : Initial Calibration



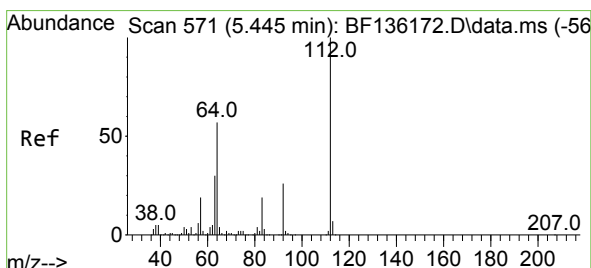
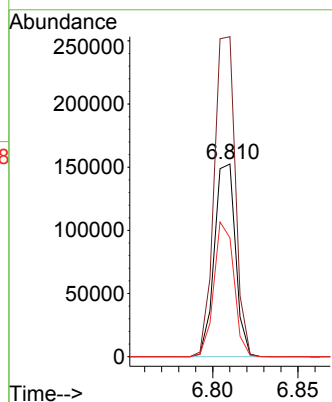
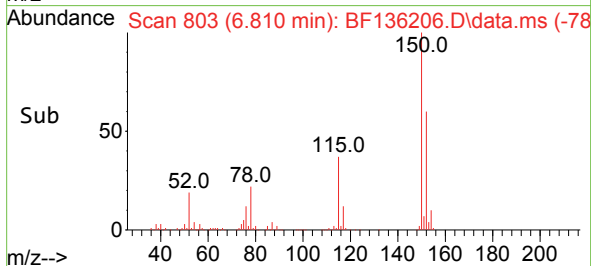


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF136206.D
Acq: 25 Nov 2023 06:07

Instrument :
BNA_F
ClientSampleId :

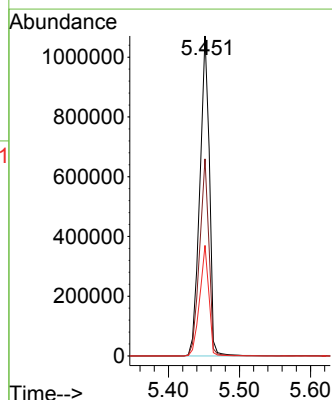
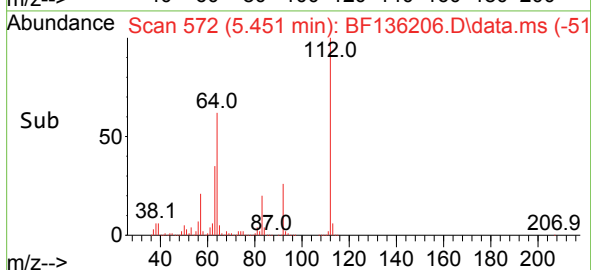
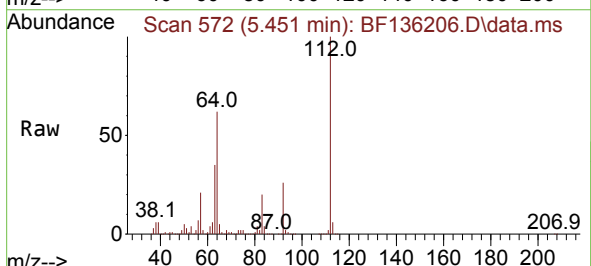


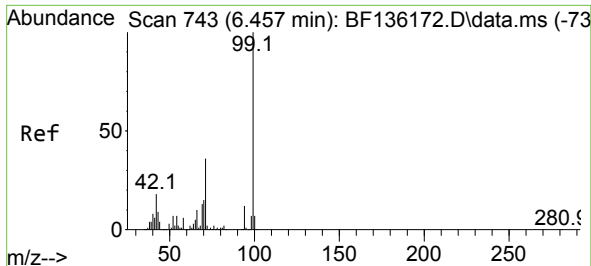
Tgt Ion:152 Resp: 131704
Ion Ratio Lower Upper
152 100
150 166.1 123.1 184.7
115 61.7 50.5 75.7



#5
2-Fluorophenol
Concen: 122.323 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF136206.D
Acq: 25 Nov 2023 06:07

Tgt Ion:112 Resp: 1011810
Ion Ratio Lower Upper
112 100
64 61.6 45.4 68.0
63 34.6 24.4 36.6

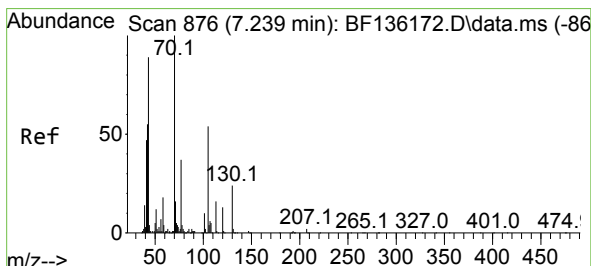
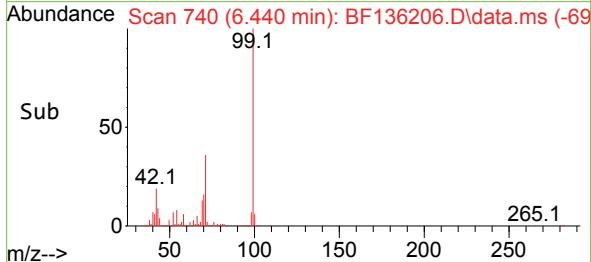
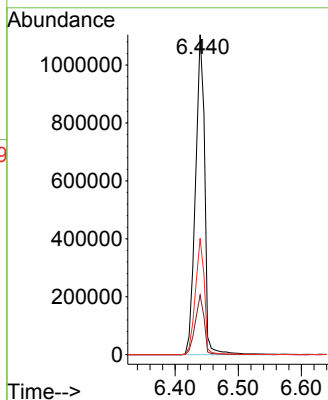
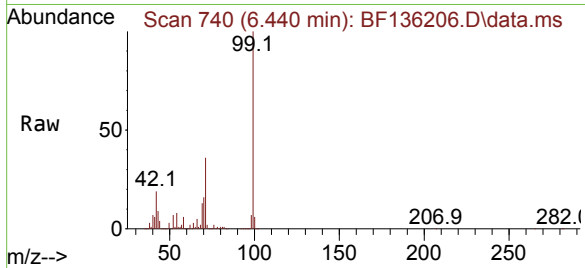




#7
Phenol-d6
Concen: 109.757 ng
RT: 6.440 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136206.D
Acq: 25 Nov 2023 06:07

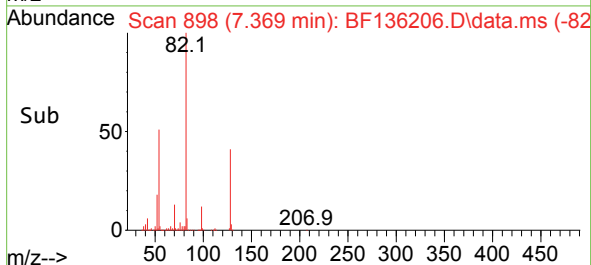
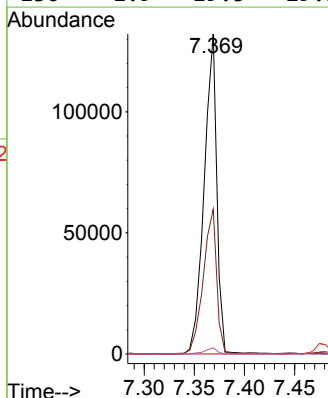
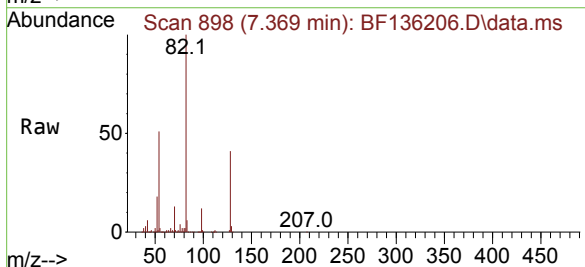
Instrument :
BNA_F
ClientSampleId :

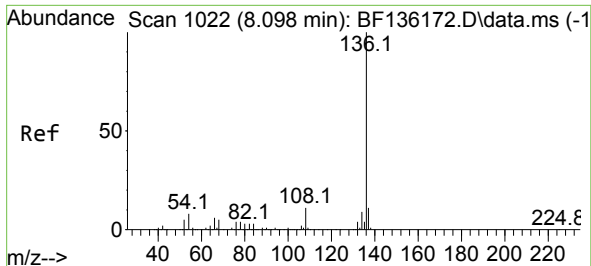
Tgt Ion: 99 Resp: 1117160
Ion Ratio Lower Upper
99 100
42 18.7 14.1 21.1
71 36.4 29.0 43.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.900 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF136206.D
Acq: 25 Nov 2023 06:07

Tgt Ion: 70 Resp: 116920
Ion Ratio Lower Upper
70 100
42 45.3 43.9 65.9
101 0.0 8.1 12.1#
130 1.9 19.5 29.3#

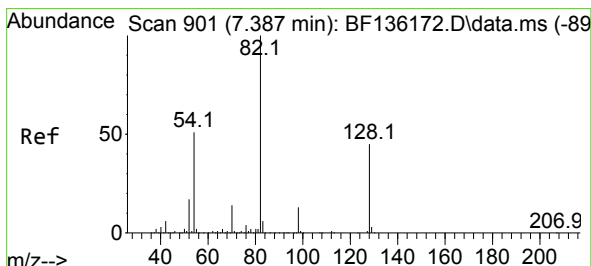
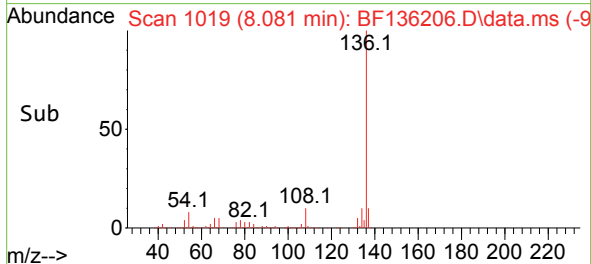
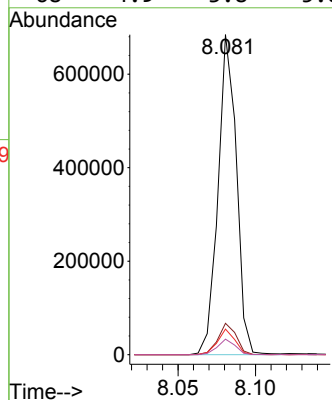
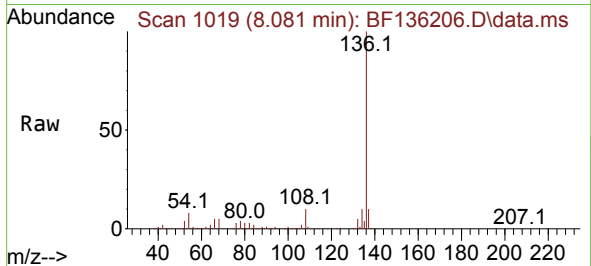




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136206.D
Acq: 25 Nov 2023 06:07

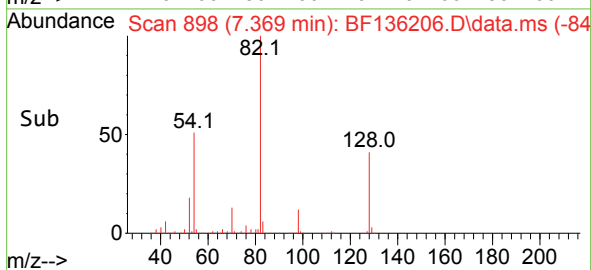
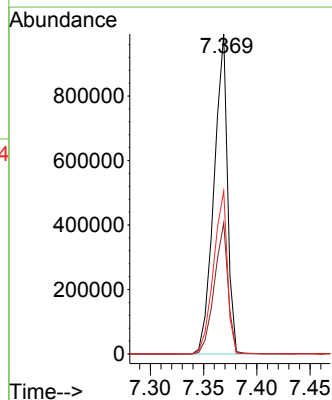
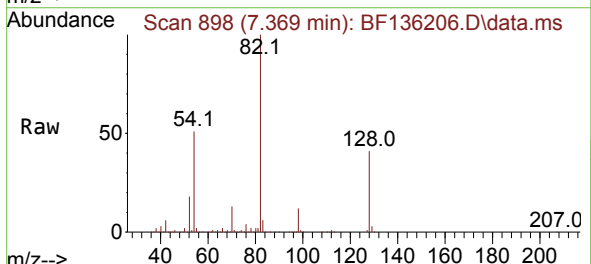
Instrument :
BNA_F
ClientSampleId :

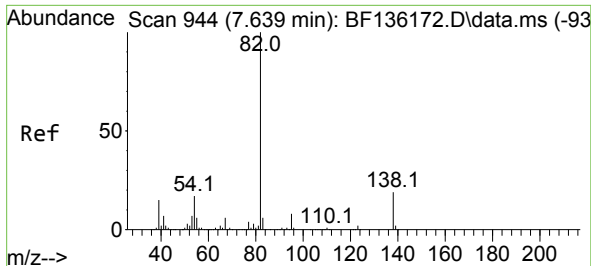
Tgt Ion:136 Resp: 565479
Ion Ratio Lower Upper
136 100
137 9.8 8.6 13.0
54 8.0 6.3 9.5
68 4.9 3.8 5.8



#23
Nitrobenzene-d5
Concen: 86.522 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136206.D
Acq: 25 Nov 2023 06:07

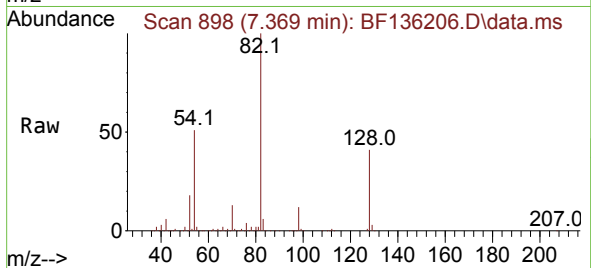
Tgt Ion: 82 Resp: 876768
Ion Ratio Lower Upper
82 100
128 40.9 35.8 53.6
54 50.9 40.6 60.8



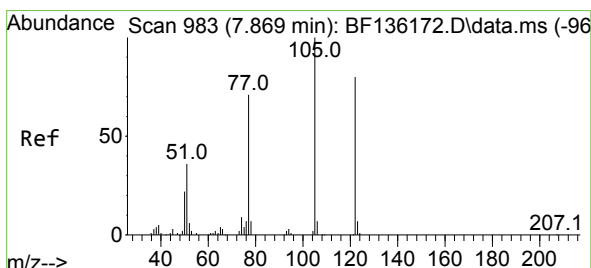
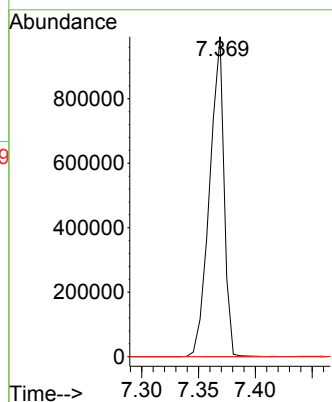
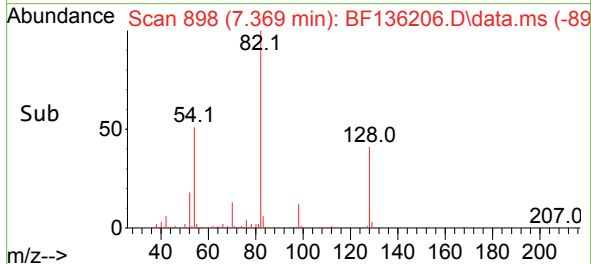


#25
Isophorone
Concen: 50.136 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136206.D
Acq: 25 Nov 2023 06:07

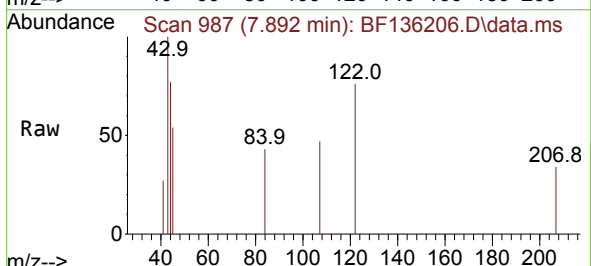
Instrument :
BNA_F
ClientSampleId :



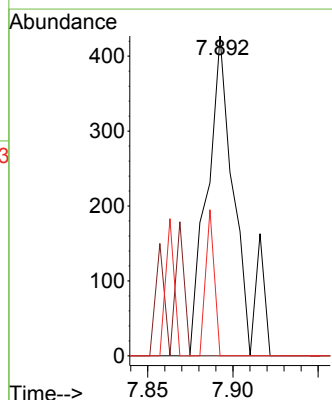
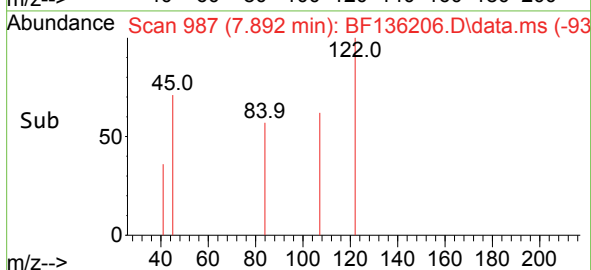
Tgt Ion: 82 Resp: 876758
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 14.8 22.2#

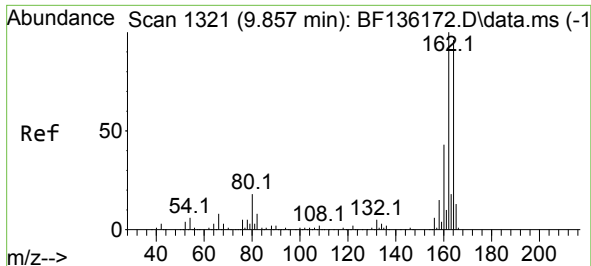


#32
Benzoic acid
Concen: 5.080 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.035 min
Lab File: BF136206.D
Acq: 25 Nov 2023 06:07



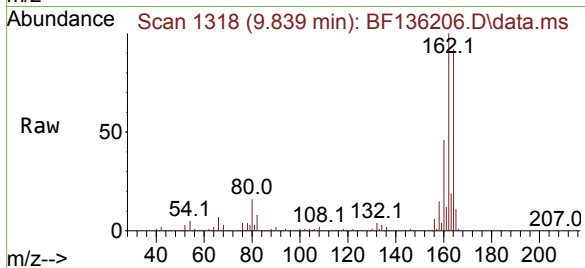
Tgt Ion: 122 Resp: 498
Ion Ratio Lower Upper
122 100
105 0.0 102.5 142.5#
77 0.0 68.1 108.1#



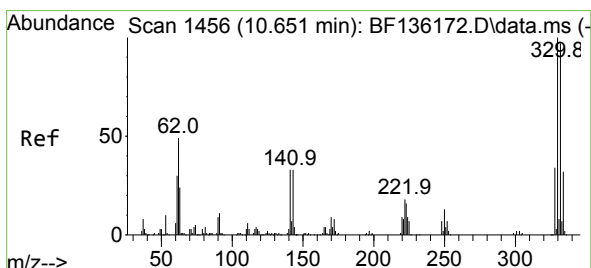
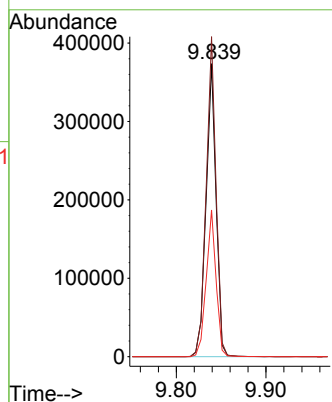
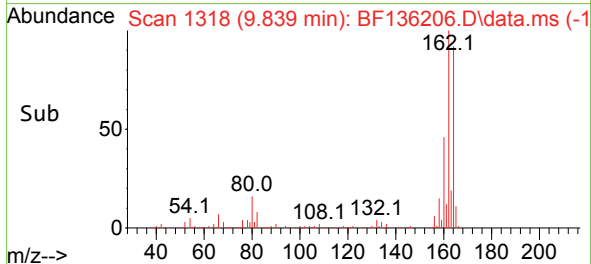


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136206.D
Acq: 25 Nov 2023 06:07

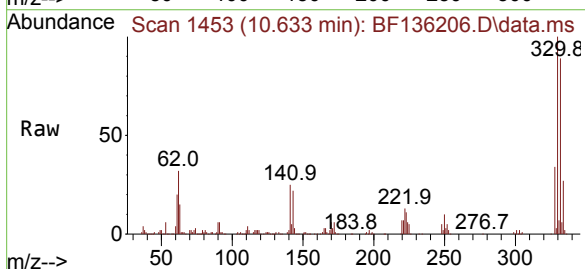
Instrument :
BNA_F
ClientSampleId :



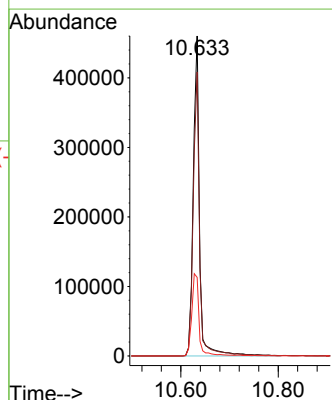
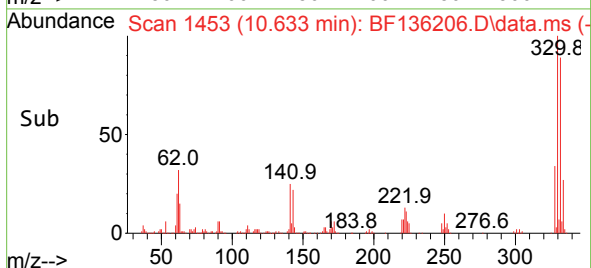
Tgt Ion:164 Resp: 290009
Ion Ratio Lower Upper
164 100
162 109.2 83.2 124.8
160 50.1 35.8 53.8

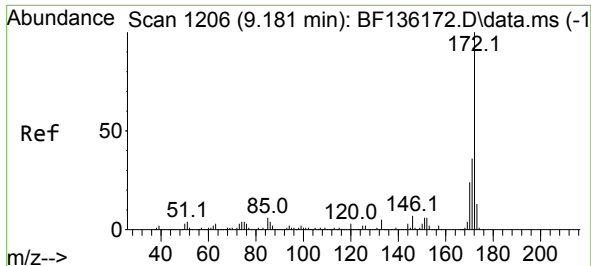


#42
2,4,6-Tribromophenol
Concen: 134.460 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136206.D
Acq: 25 Nov 2023 06:07



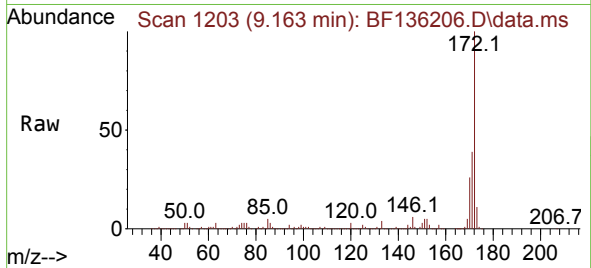
Tgt Ion:330 Resp: 408405
Ion Ratio Lower Upper
330 100
332 90.3 77.6 116.4
141 30.7 25.8 38.6



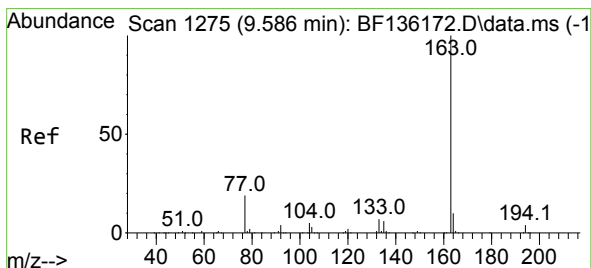
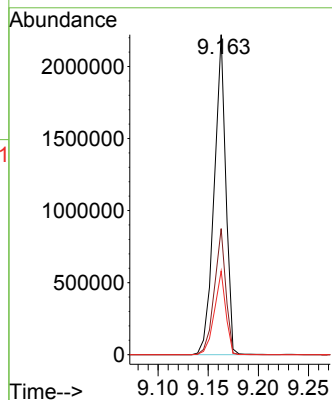
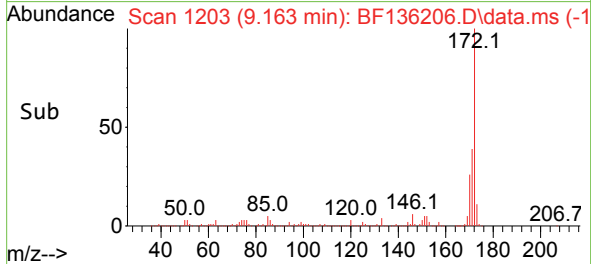


#45
2-Fluorobiphenyl
Concen: 91.781 ng
RT: 9.163 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136206.D
Acq: 25 Nov 2023 06:07

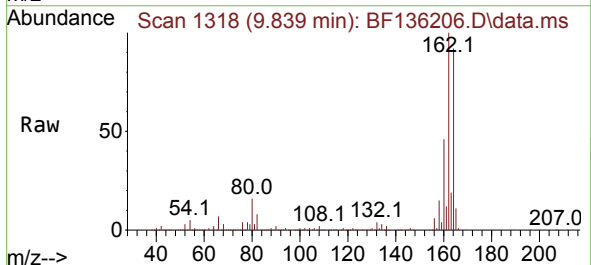
Instrument :
BNA_F
ClientSampleId :



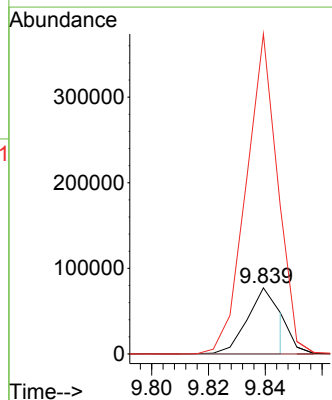
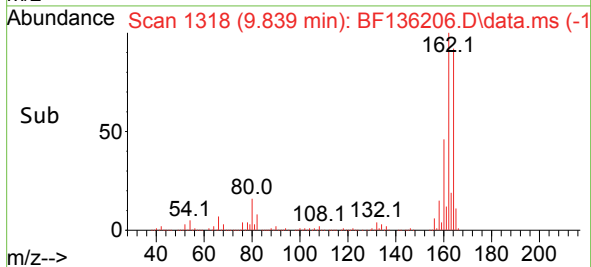
Tgt Ion:172 Resp: 1800658
Ion Ratio Lower Upper
172 100
171 39.4 28.9 43.3
170 26.1 19.1 28.7

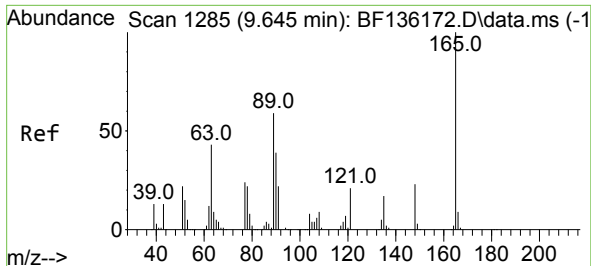


#50
Dimethylphthalate
Concen: 3.134 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.264 min
Lab File: BF136206.D
Acq: 25 Nov 2023 06:07



Tgt Ion:163 Resp: 61410
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 484.3 7.8 11.8#

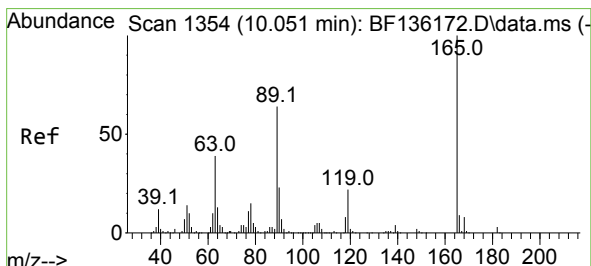
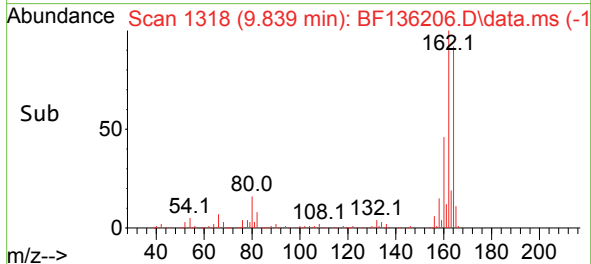
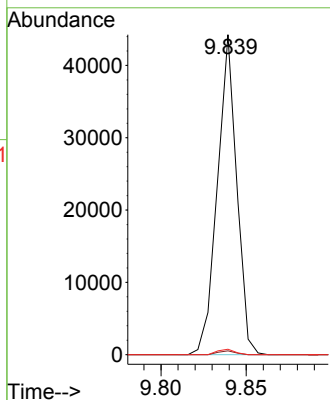
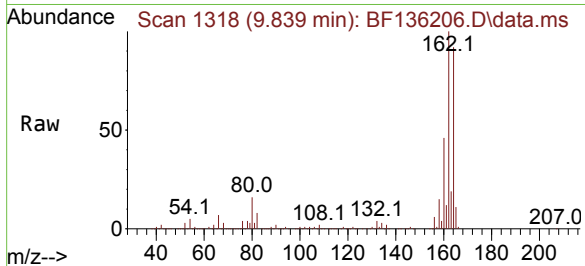




#51
2,6-Dinitrotoluene
Concen: 8.226 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136206.D
Acq: 25 Nov 2023 06:07

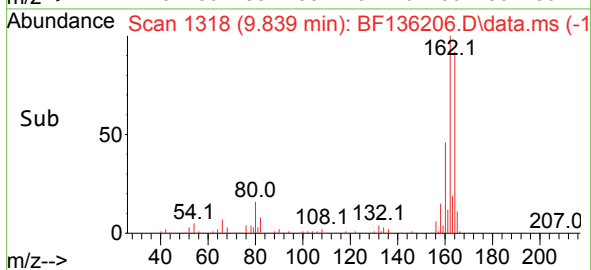
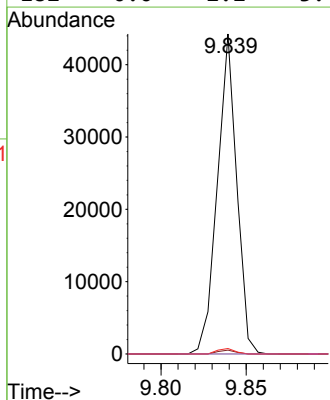
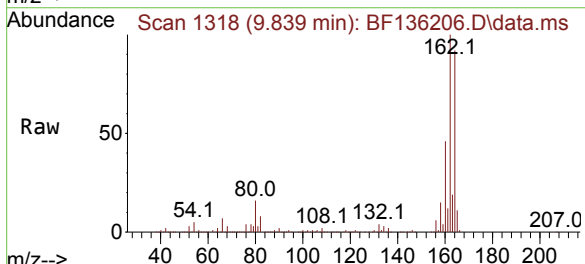
Instrument :
BNA_F
ClientSampleId :

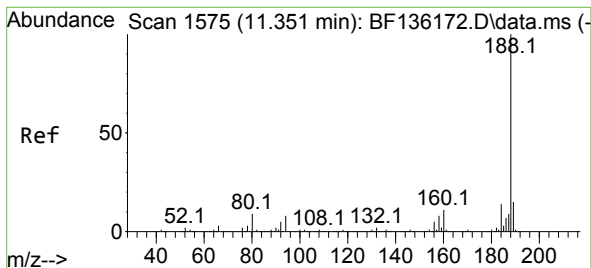
Tgt Ion:165 Resp: 34978
Ion Ratio Lower Upper
165 100
63 1.2 48.0 72.0#
89 1.7 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.477 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136206.D
Acq: 25 Nov 2023 06:07

Tgt Ion:165 Resp: 34978
Ion Ratio Lower Upper
165 100
63 1.2 31.4 47.0#
89 1.7 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: BF136206.D

Acq: 25 Nov 2023 06:07

Instrument :

BNA_F

ClientSampleId :

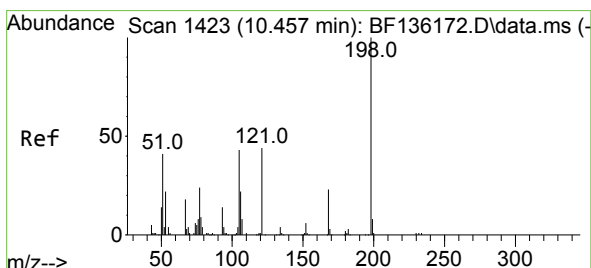
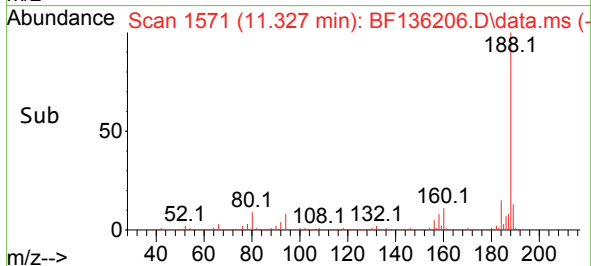
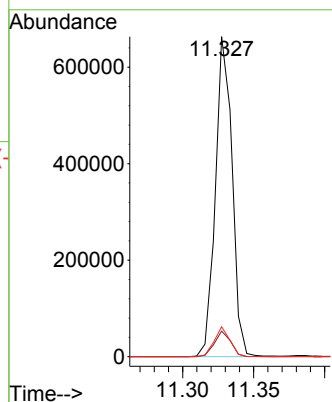
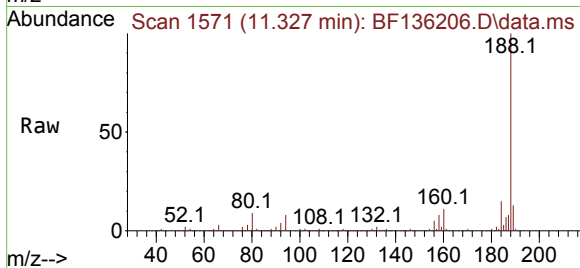
Tgt Ion:188 Resp: 543018

Ion Ratio Lower Upper

188 100

94 8.0 6.6 9.8

80 9.4 7.3 10.9



#65

4,6-Dinitro-2-methylphenol

Concen: 4.906 ng

RT: 10.628 min Scan# 1452

Delta R.T. 0.182 min

Lab File: BF136206.D

Acq: 25 Nov 2023 06:07

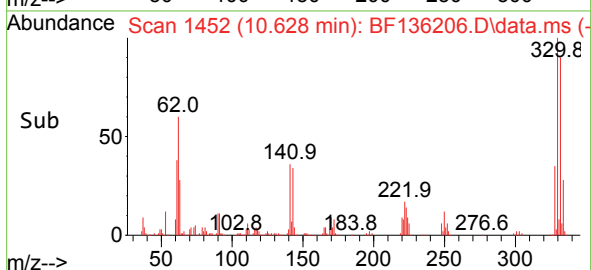
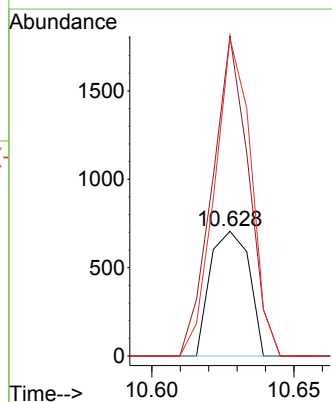
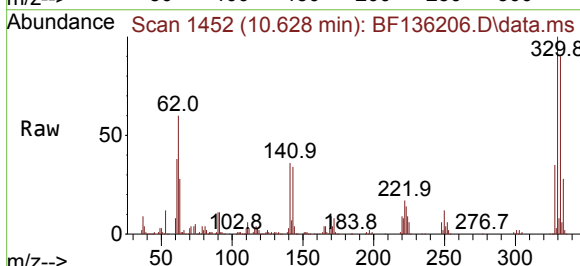
Tgt Ion:198 Resp: 670

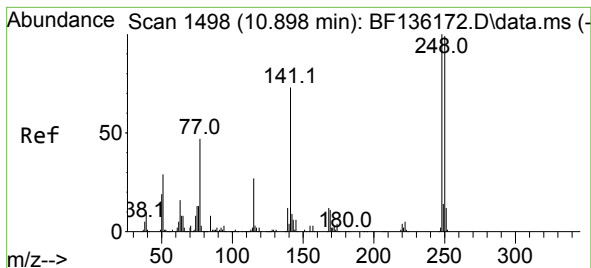
Ion Ratio Lower Upper

198 100

51 256.5 27.3 67.3#

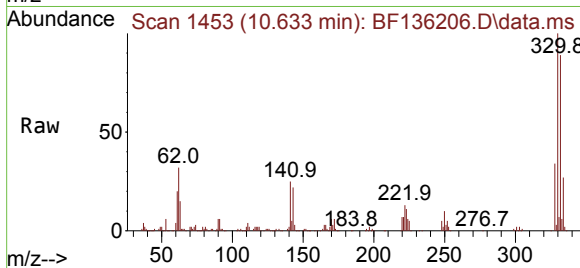
105 254.7 24.2 64.2#



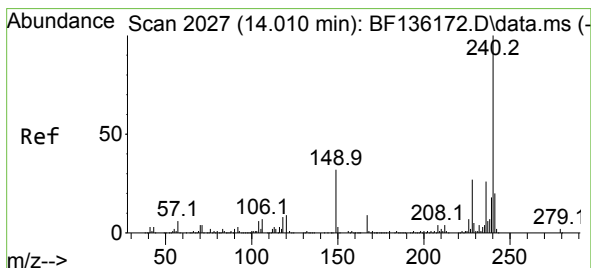
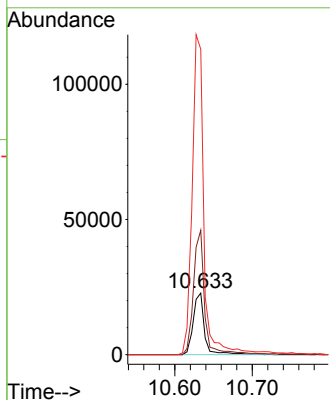
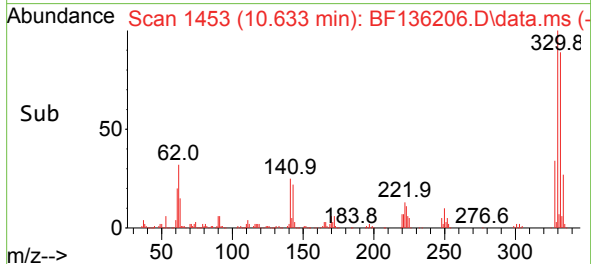


#67
4-Bromophenyl-phenylether
Concen: 3.813 ng
RT: 10.633 min Scan# 1498
Delta R.T. -0.253 min
Lab File: BF136206.D
Acq: 25 Nov 2023 06:07

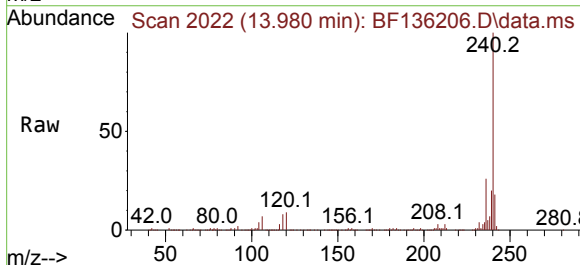
Instrument :
BNA_F
ClientSampleId :



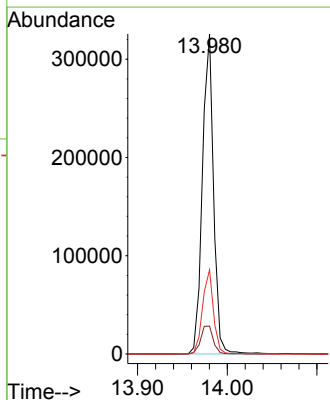
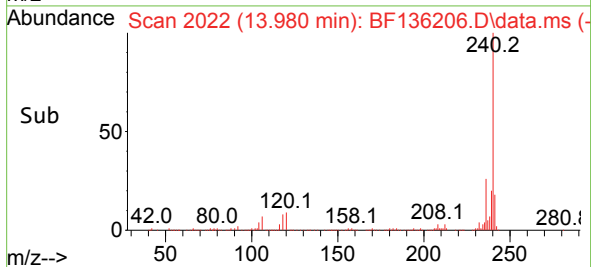
Tgt Ion:248 Resp: 23062
Ion Ratio Lower Upper
248 100
250 201.9 79.0 118.4#
141 495.4 58.8 88.2#

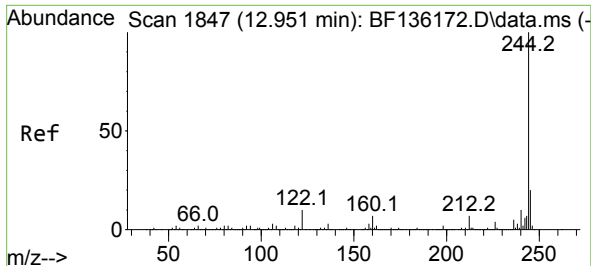


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136206.D
Acq: 25 Nov 2023 06:07



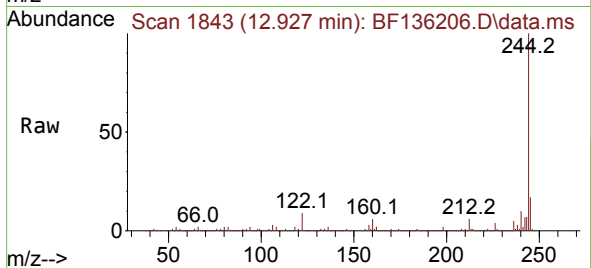
Tgt Ion:240 Resp: 281170
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 26.3 20.9 31.3





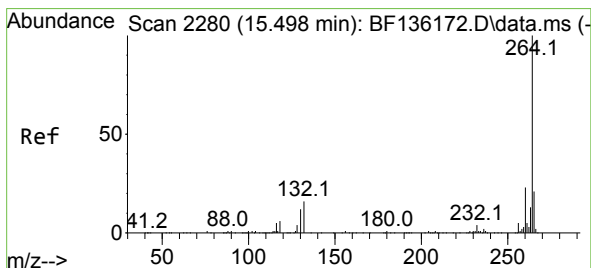
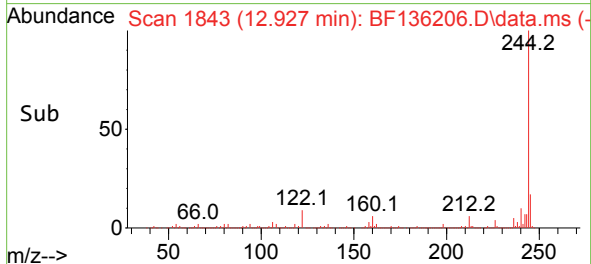
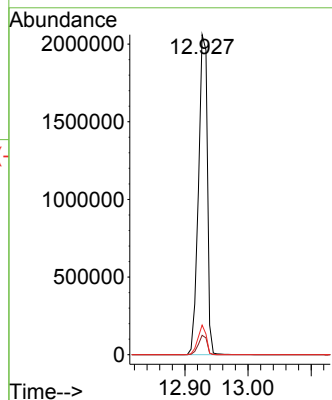
#79
 Terphenyl-d14
 Concen: 101.048 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136206.D
 Acq: 25 Nov 2023 06:07

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 2001560

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.4	8.0
122	9.3	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: BF136206.D
 Acq: 25 Nov 2023 06:07

Tgt Ion:264 Resp: 272064

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	20.5	16.9	25.3

