

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136207.D
 Acq On : 25 Nov 2023 06:39
 Operator : CG\JU
 Sample : 05418-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 02:19:08 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)

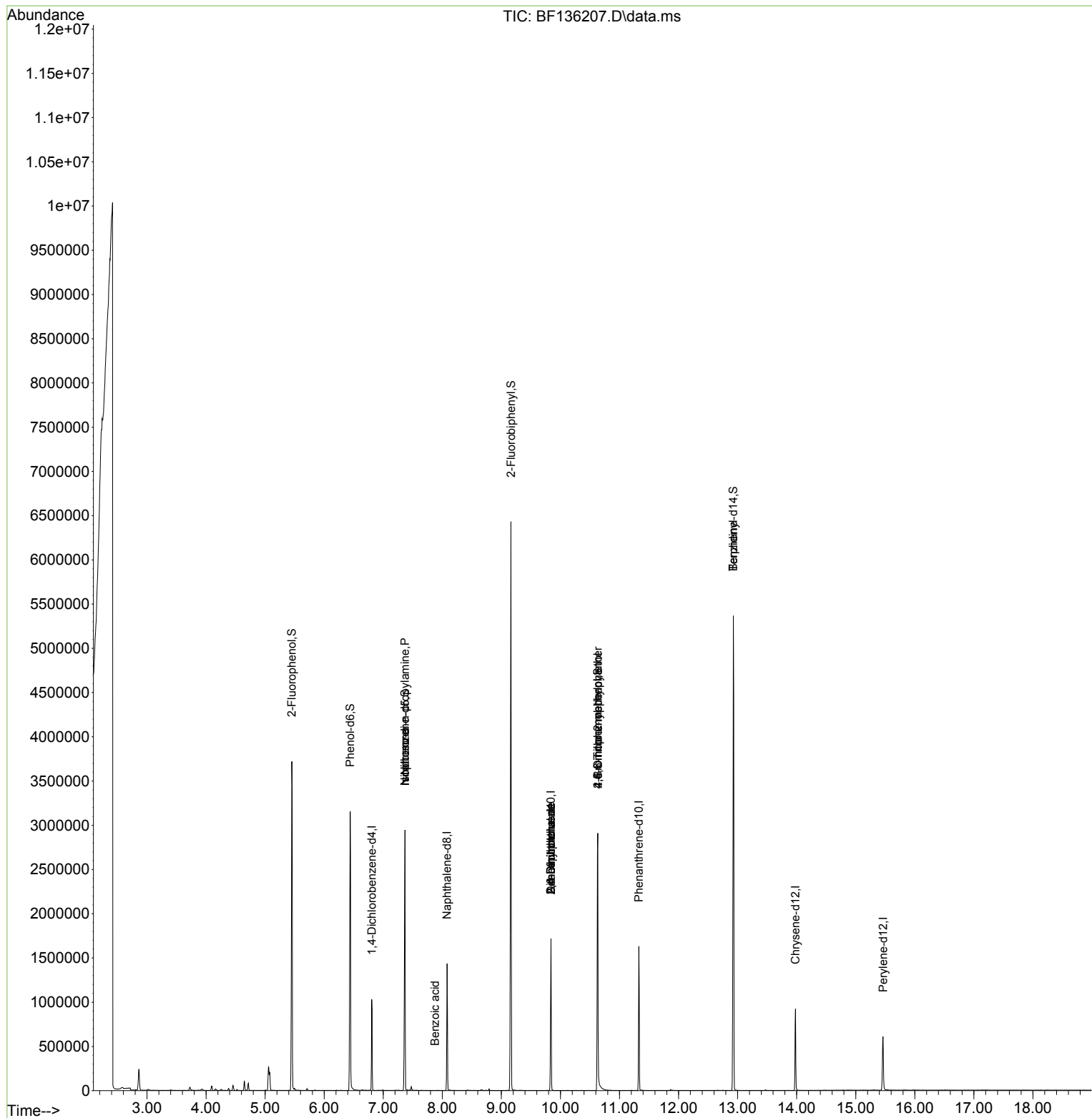
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	142016	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	600070	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	309485	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	569006	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	294946	20.000	ng	0.00
86) Perylene-d12	15.462	264	288923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1100417	123.375	ng	0.02
7) Phenol-d6	6.440	99	1210923	110.331	ng	0.00
23) Nitrobenzene-d5	7.369	82	918558	85.421	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	429465	132.495	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1878814	89.738	ng	0.00
79) Terphenyl-d14	12.927	244	2057819	99.036	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	120899	19.083	ng	# 77
25) Isophorone	7.369	82	918550	49.497	ng	# 64
32) Benzoic acid	7.875	122	141	5.025	ng	# 1
50) Dimethylphthalate	9.839	163	64443	3.082	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	36762	8.102	ng	# 23
57) 2,4-Dinitrotoluene	9.839	165	36762	6.379	ng	# 28
65) 4,6-Dinitro-2-methylph...	10.633	198	930	4.968	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	24648	3.889	ng	# 1
77) Benzidine	12.927	184	22983	4.500	ng	# 94

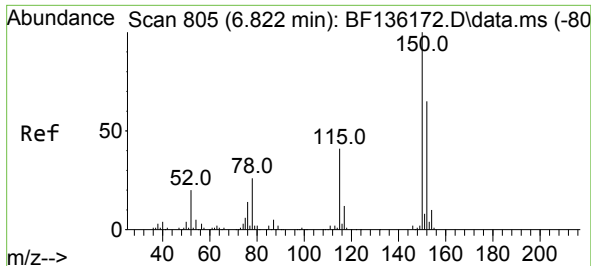
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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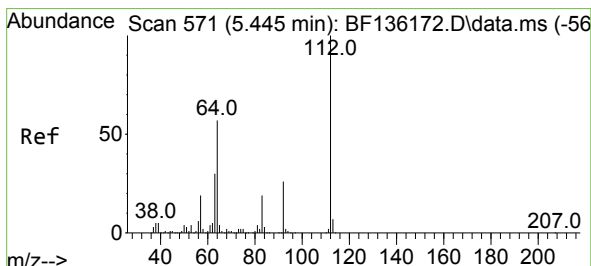
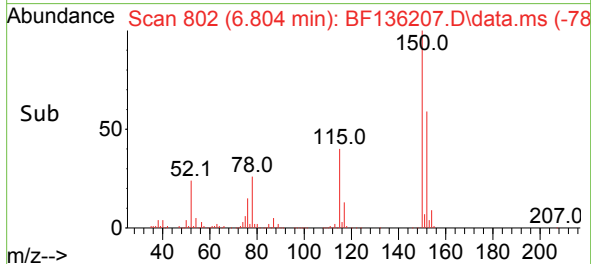
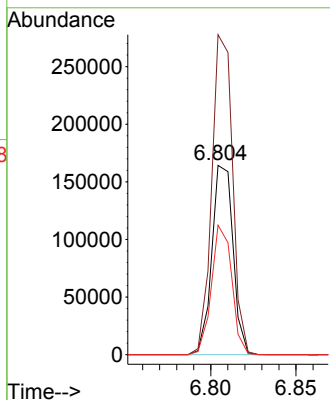
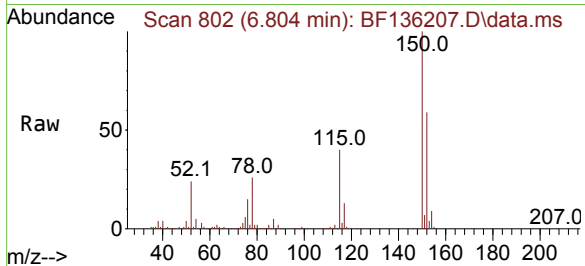




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 805
 Delta R.T. -0.006 min
 Lab File: BF136207.D
 Acq: 25 Nov 2023 06:39

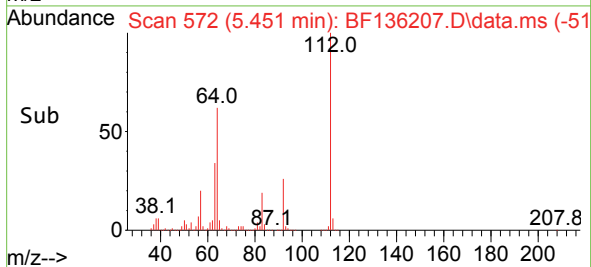
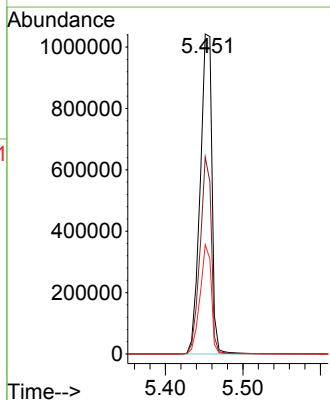
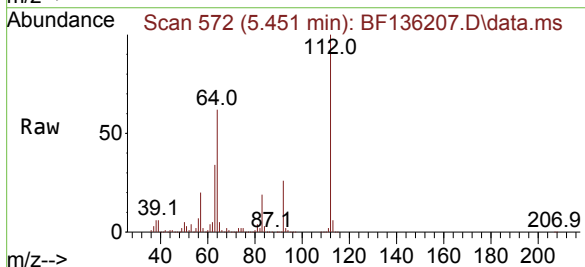
Instrument :
 BNA_F
 ClientSampleId :

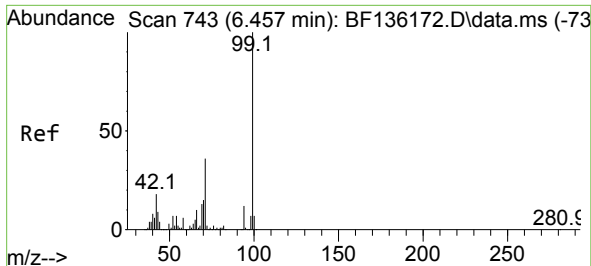
Tgt Ion:152 Resp: 142016
 Ion Ratio Lower Upper
 152 100
 150 169.0 123.1 184.7
 115 68.4 50.5 75.7



#5
 2-Fluorophenol
 Concen: 123.375 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.017 min
 Lab File: BF136207.D
 Acq: 25 Nov 2023 06:39

Tgt Ion:112 Resp: 1100417
 Ion Ratio Lower Upper
 112 100
 64 61.5 45.4 68.0
 63 34.1 24.4 36.6

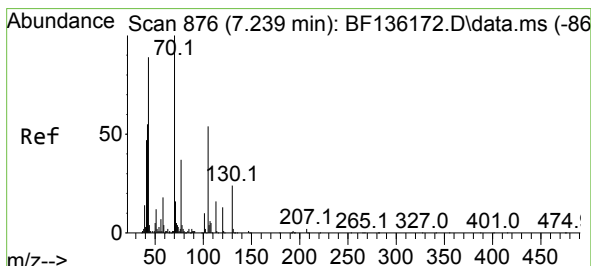
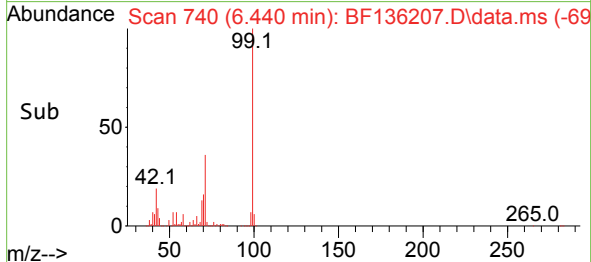
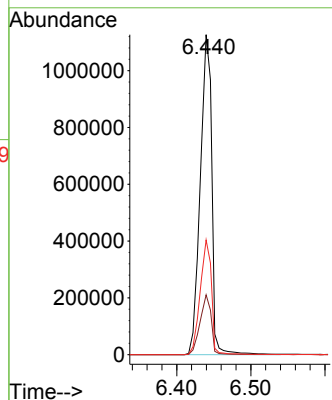
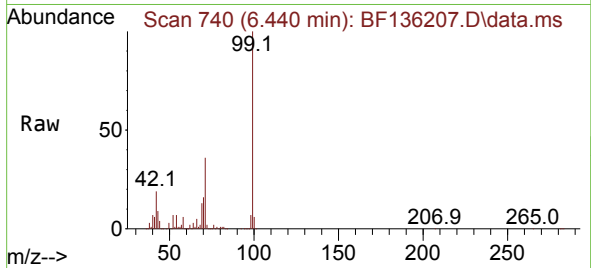




#7
Phenol-d6
Concen: 110.331 ng
RT: 6.440 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136207.D
Acq: 25 Nov 2023 06:39

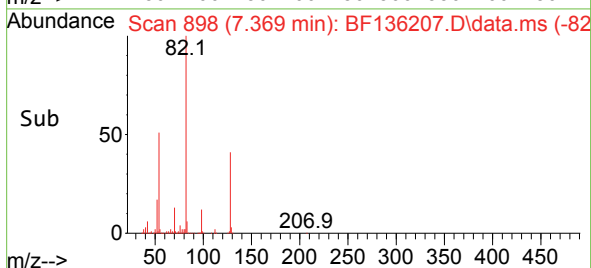
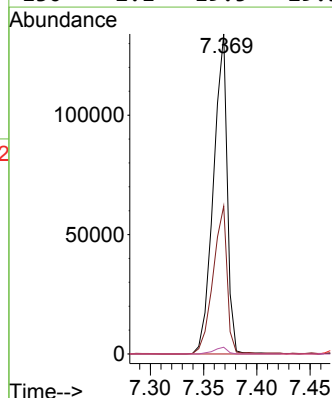
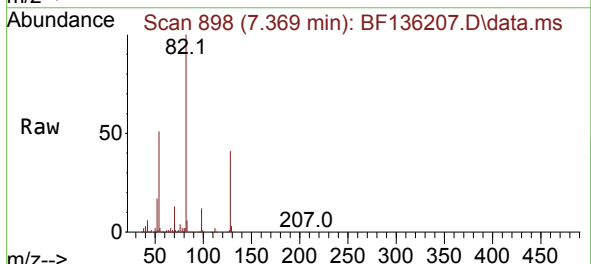
Instrument :
BNA_F
ClientSampleId :

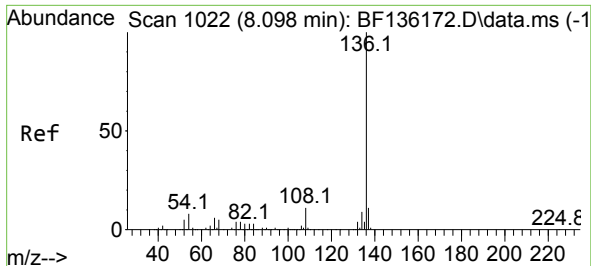
Tgt Ion: 99 Resp: 1210923
Ion Ratio Lower Upper
99 100
42 18.7 14.1 21.1
71 35.8 29.0 43.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.083 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF136207.D
Acq: 25 Nov 2023 06:39

Tgt Ion: 70 Resp: 120899
Ion Ratio Lower Upper
70 100
42 46.2 43.9 65.9
101 0.0 8.1 12.1#
130 2.1 19.5 29.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1

Delta R.T. -0.006 min

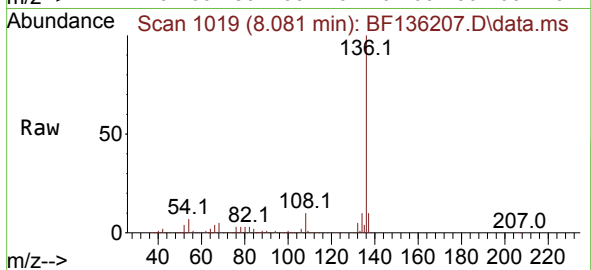
Lab File: BF136207.D

Acq: 25 Nov 2023 06:39

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 600070

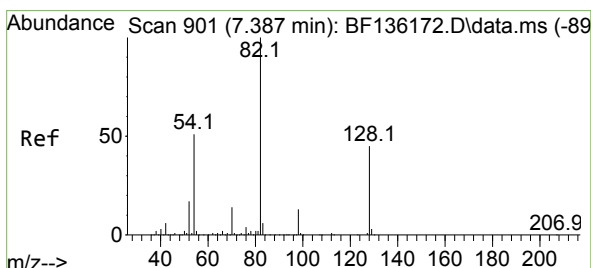
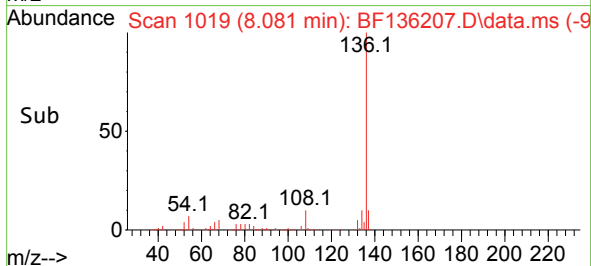
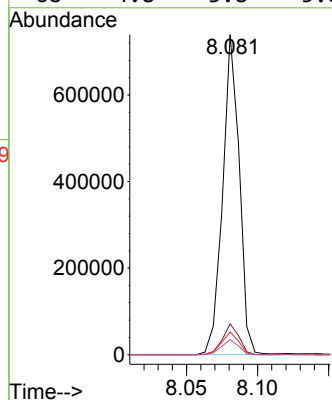
Ion Ratio Lower Upper

136 100

137 9.7 8.6 13.0

54 7.1 6.3 9.5

68 4.8 3.8 5.8



#23

Nitrobenzene-d5

Concen: 85.421 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136207.D

Acq: 25 Nov 2023 06:39

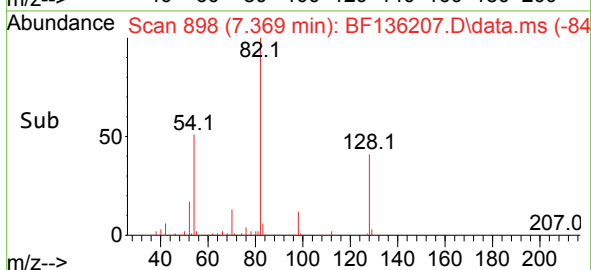
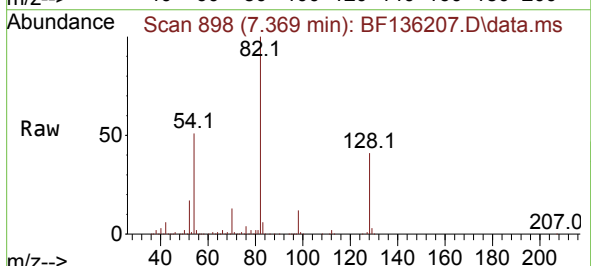
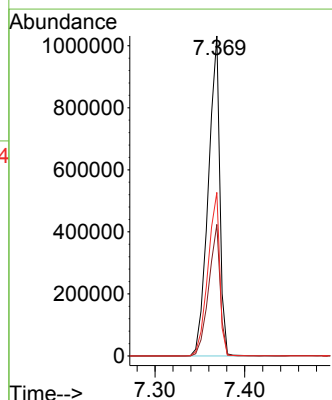
Tgt Ion: 82 Resp: 918558

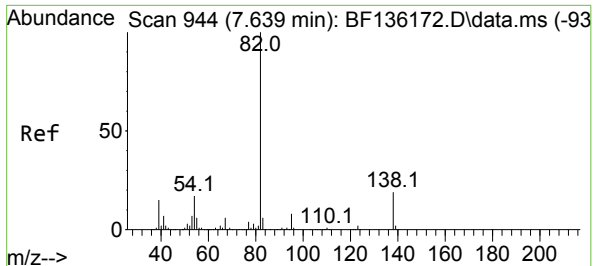
Ion Ratio Lower Upper

82 100

128 41.1 35.8 53.6

54 51.1 40.6 60.8

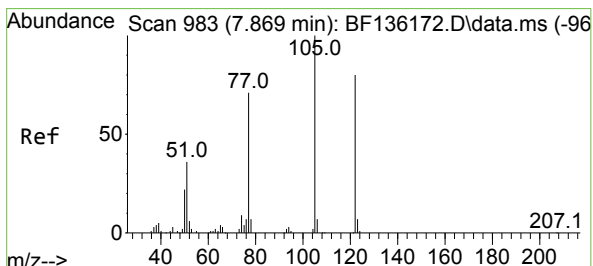
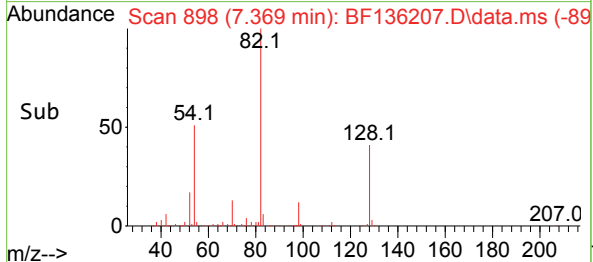
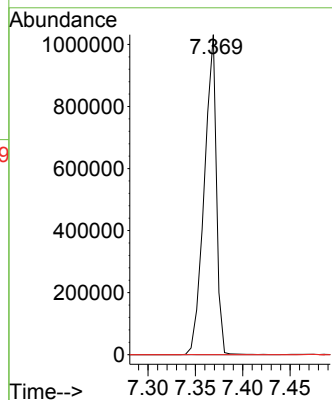
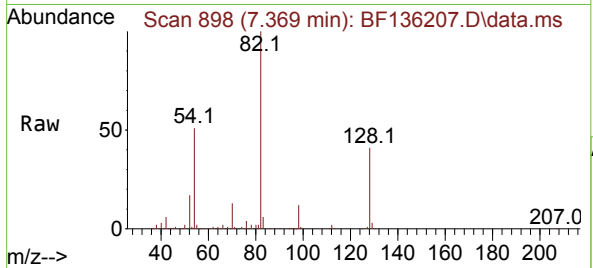




#25
Isophorone
Concen: 49.497 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136207.D
Acq: 25 Nov 2023 06:39

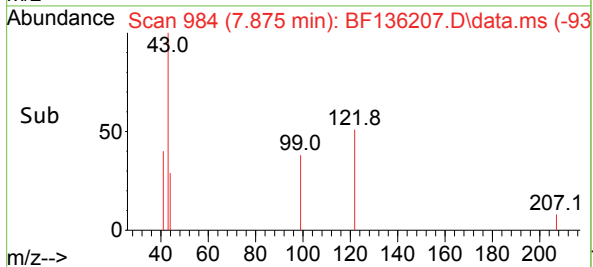
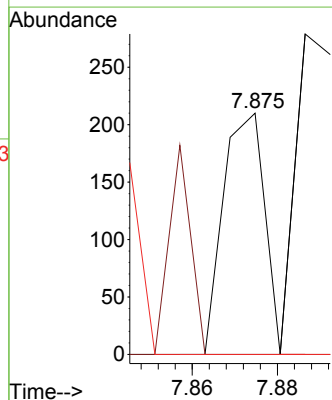
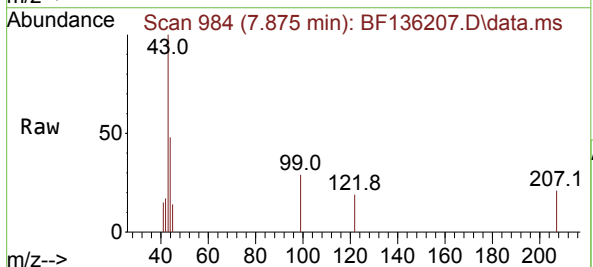
Instrument :
BNA_F
ClientSampleId :

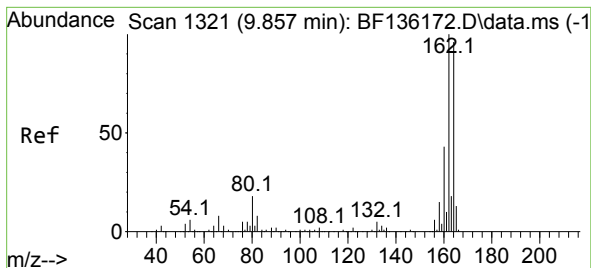
Tgt Ion: 82 Resp: 918550
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 14.8 22.2#



#32
Benzoic acid
Concen: 5.025 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.017 min
Lab File: BF136207.D
Acq: 25 Nov 2023 06:39

Tgt Ion:122 Resp: 141
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# 1

Delta R.T. -0.006 min

Lab File: BF136207.D

Acq: 25 Nov 2023 06:39

Instrument :

BNA_F

ClientSampleId :

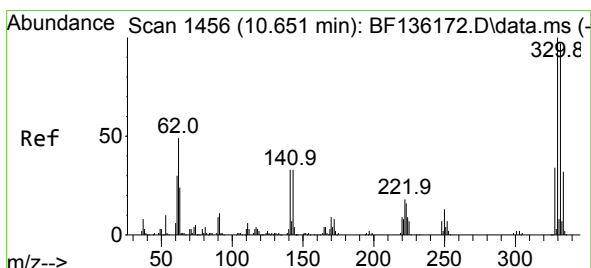
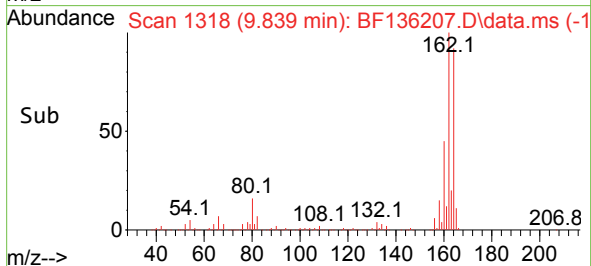
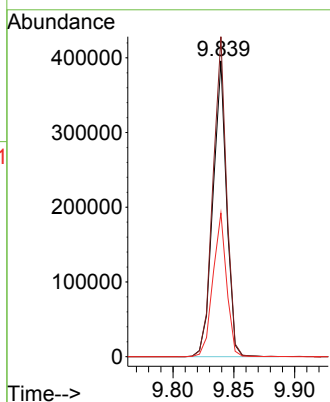
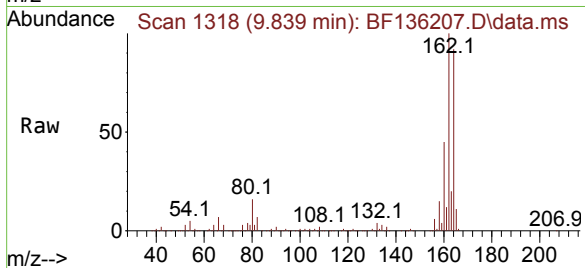
Tgt Ion:164 Resp: 309485

Ion Ratio Lower Upper

164 100

162 108.2 83.2 124.8

160 48.6 35.8 53.8



#42

2,4,6-Tribromophenol

Concen: 132.495 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF136207.D

Acq: 25 Nov 2023 06:39

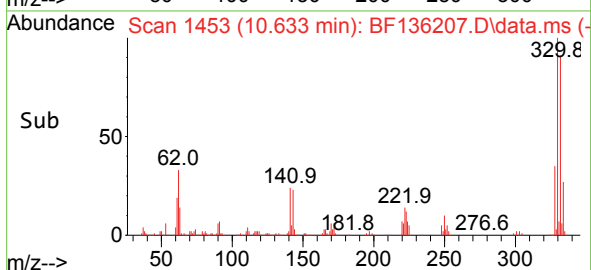
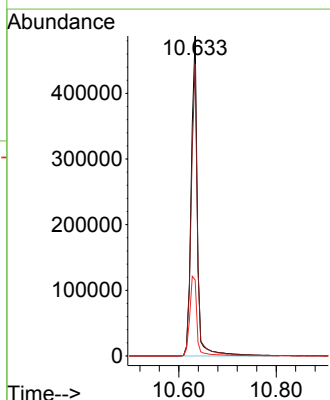
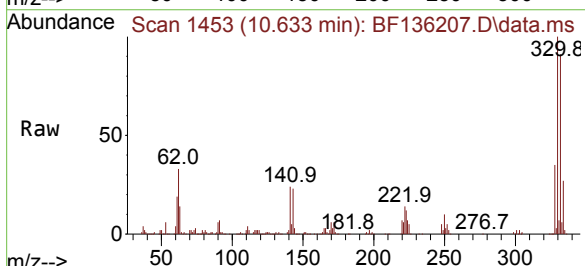
Tgt Ion:330 Resp: 429465

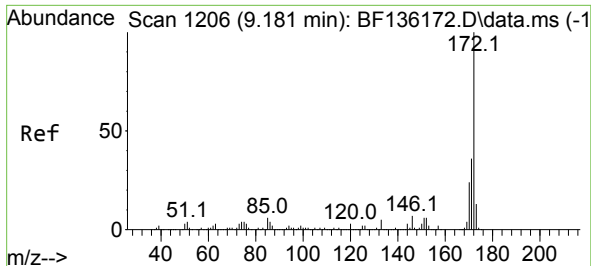
Ion Ratio Lower Upper

330 100

332 92.5 77.6 116.4

141 29.4 25.8 38.6

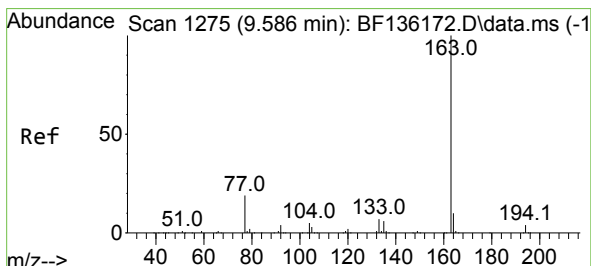
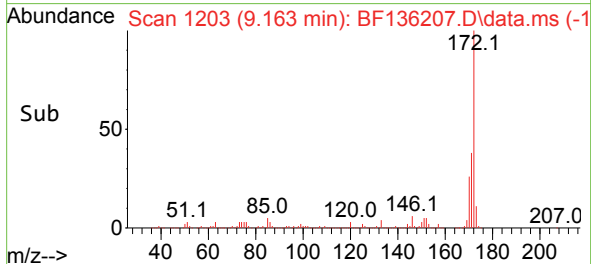
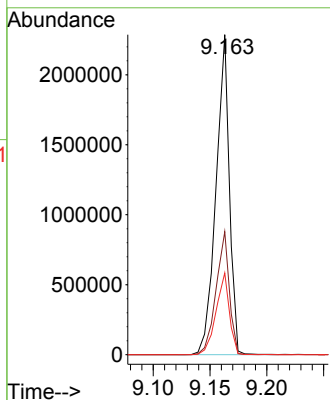
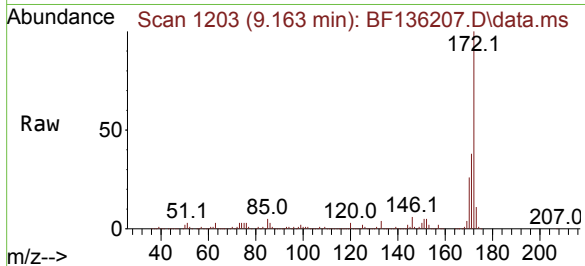




#45
2-Fluorobiphenyl
Concen: 89.738 ng
RT: 9.163 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136207.D
Acq: 25 Nov 2023 06:39

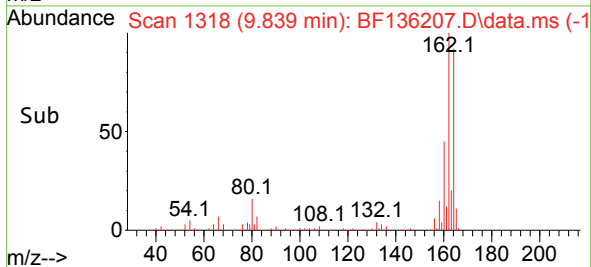
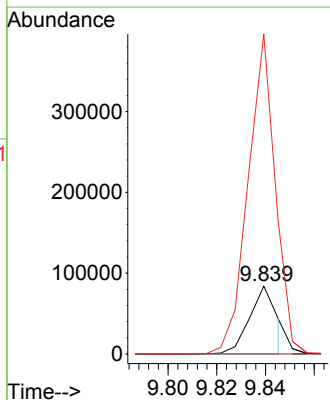
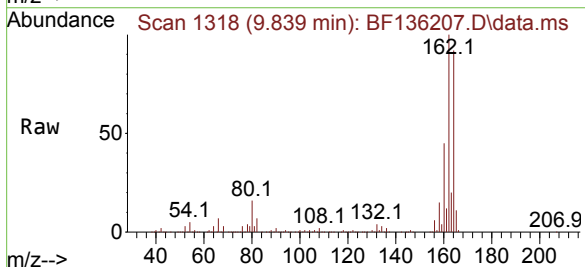
Instrument :
BNA_F
ClientSampleId :

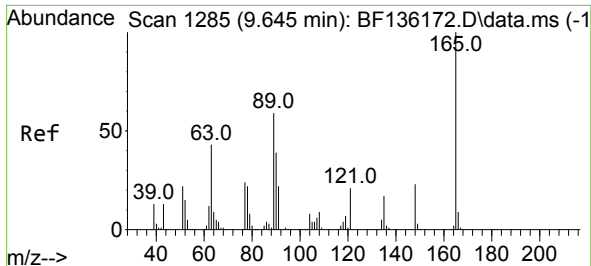
Tgt Ion:172 Resp: 1878814
Ion Ratio Lower Upper
172 100
171 38.5 28.9 43.3
170 25.6 19.1 28.7



#50
Dimethylphthalate
Concen: 3.082 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.264 min
Lab File: BF136207.D
Acq: 25 Nov 2023 06:39

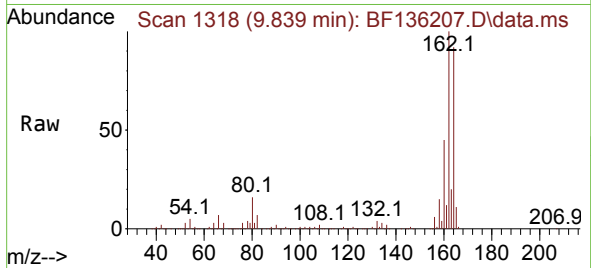
Tgt Ion:163 Resp: 64443
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 471.3 7.8 11.8#



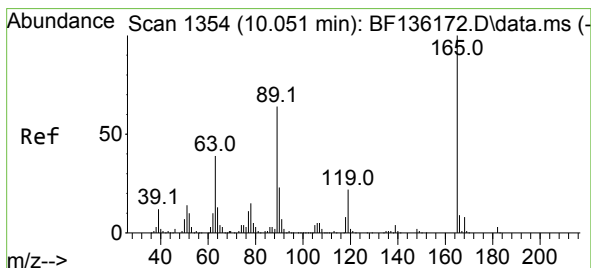
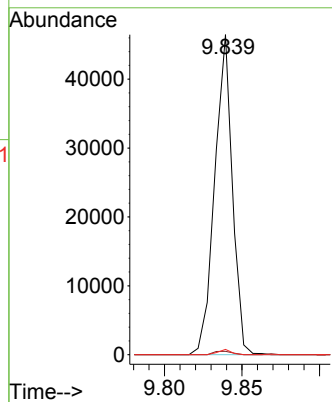
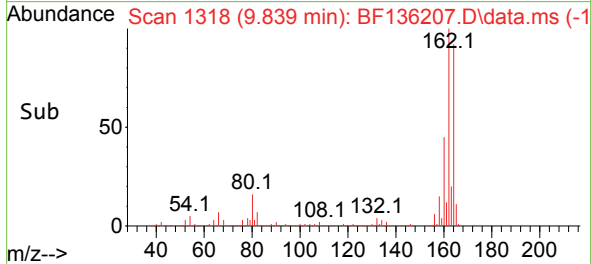


#51
2,6-Dinitrotoluene
Concen: 8.102 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136207.D
Acq: 25 Nov 2023 06:39

Instrument :
BNA_F
ClientSampleId :

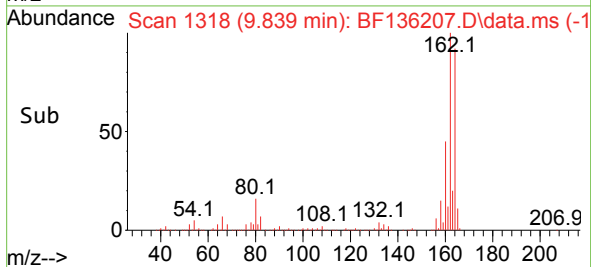
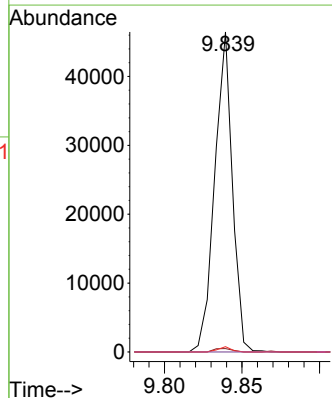
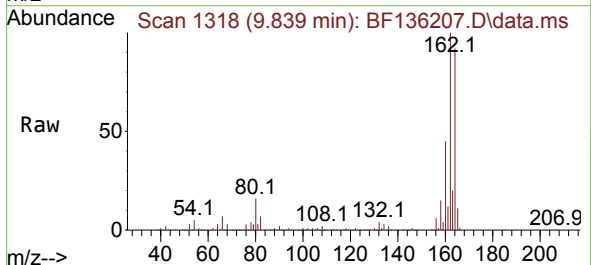


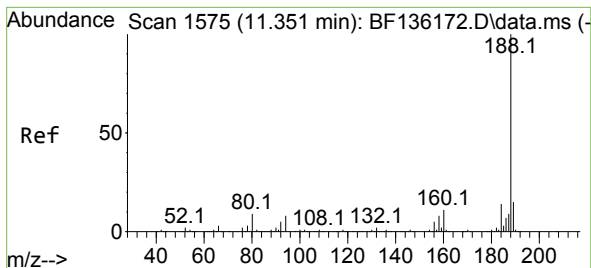
Tgt Ion:165 Resp: 36762
Ion Ratio Lower Upper
165 100
63 1.1 48.0 72.0#
89 1.7 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.379 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136207.D
Acq: 25 Nov 2023 06:39

Tgt Ion:165 Resp: 36762
Ion Ratio Lower Upper
165 100
63 1.1 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: BF136207.D

Acq: 25 Nov 2023 06:39

Instrument :

BNA_F

ClientSampleId :

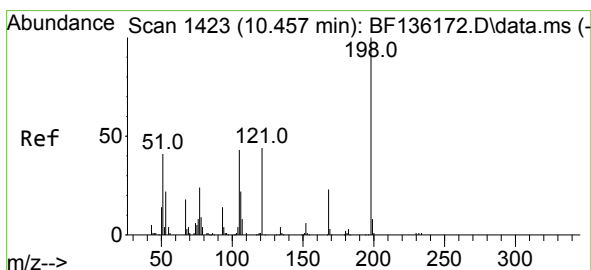
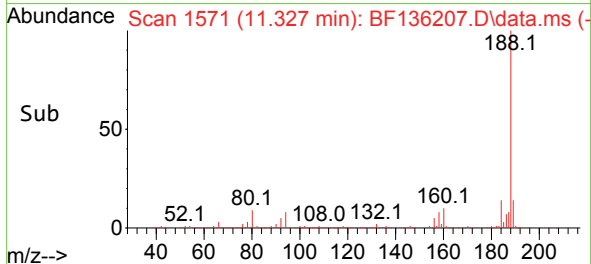
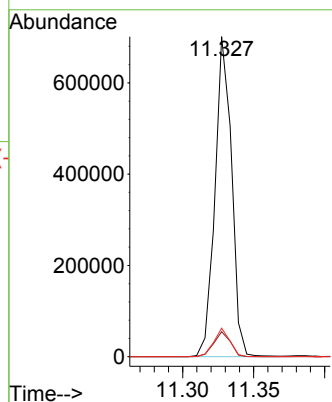
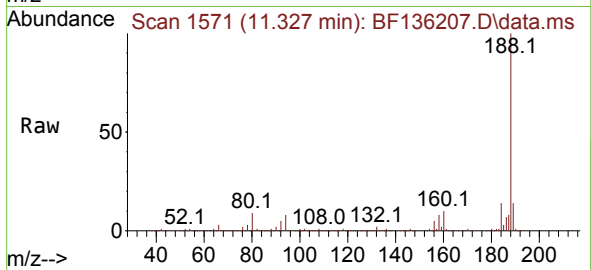
Tgt Ion:188 Resp: 569006

Ion Ratio Lower Upper

188 100

94 7.8 6.6 9.8

80 8.9 7.3 10.9



#65

4,6-Dinitro-2-methylphenol

Concen: 4.968 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.188 min

Lab File: BF136207.D

Acq: 25 Nov 2023 06:39

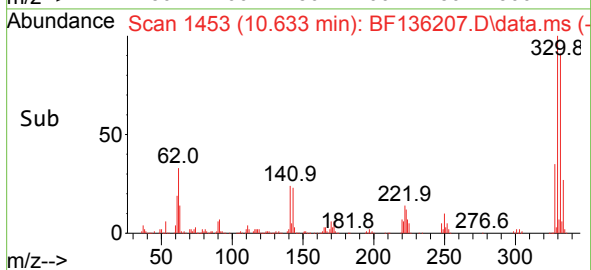
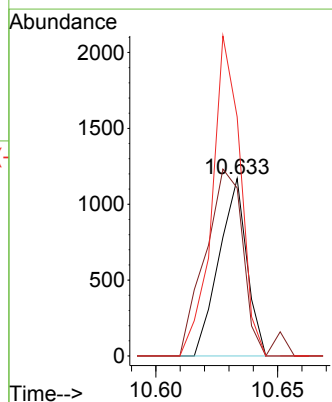
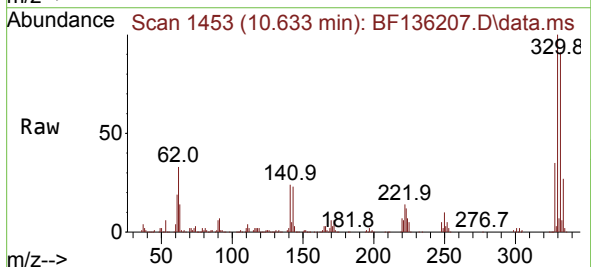
Tgt Ion:198 Resp: 930

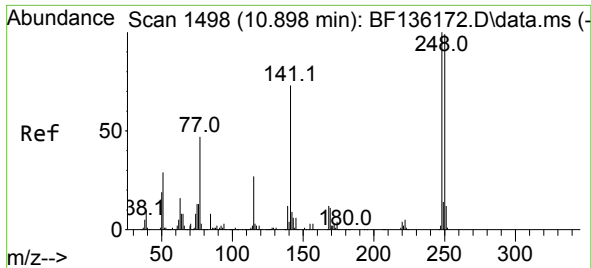
Ion Ratio Lower Upper

198 100

51 94.6 27.3 67.3#

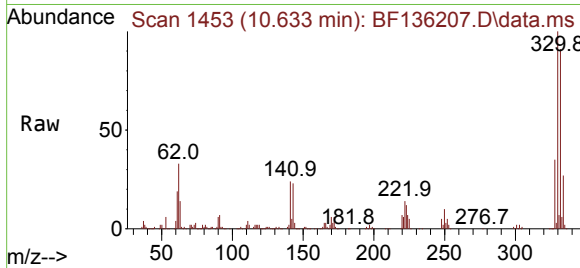
105 134.7 24.2 64.2#



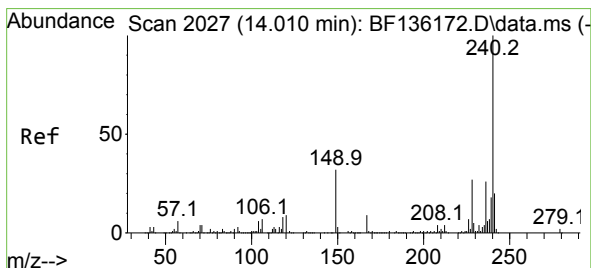
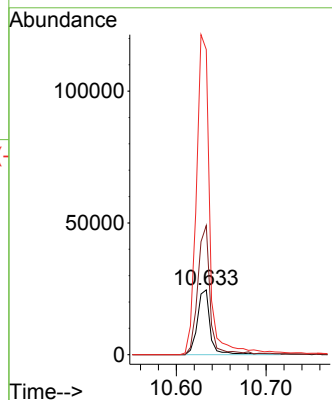
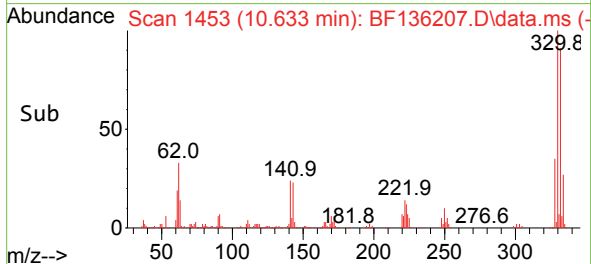


#67
4-Bromophenyl-phenylether
Concen: 3.889 ng
RT: 10.633 min Scan# 1498
Delta R.T. -0.253 min
Lab File: BF136207.D
Acq: 25 Nov 2023 06:39

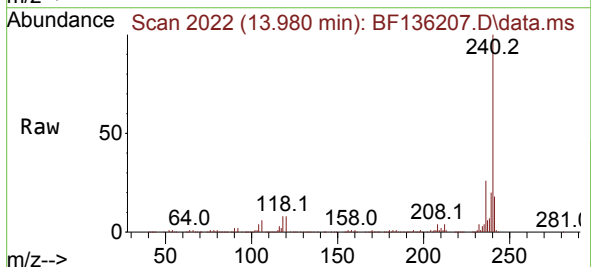
Instrument :
BNA_F
ClientSampleId :



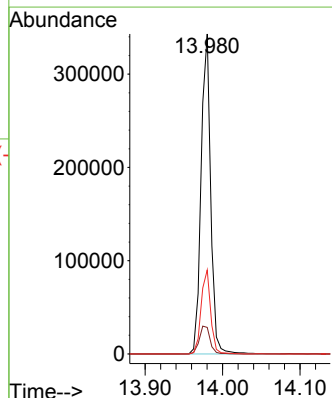
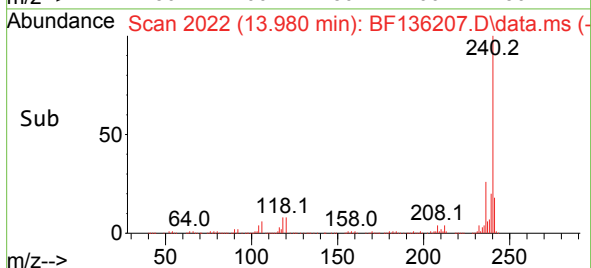
Tgt Ion:248 Resp: 24648
Ion Ratio Lower Upper
248 100
250 199.1 79.0 118.4#
141 470.3 58.8 88.2#

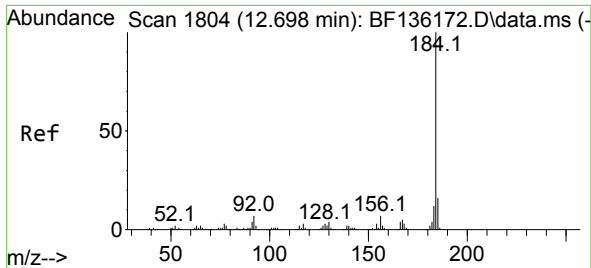


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136207.D
Acq: 25 Nov 2023 06:39



Tgt Ion:240 Resp: 294946
Ion Ratio Lower Upper
240 100
120 8.3 7.1 10.7
236 26.3 20.9 31.3

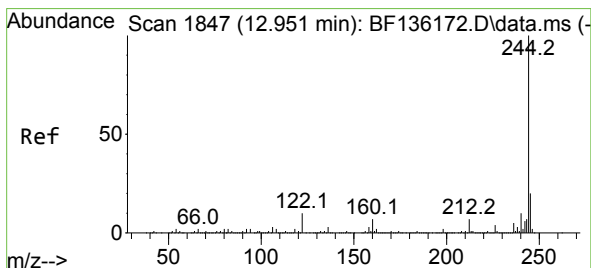
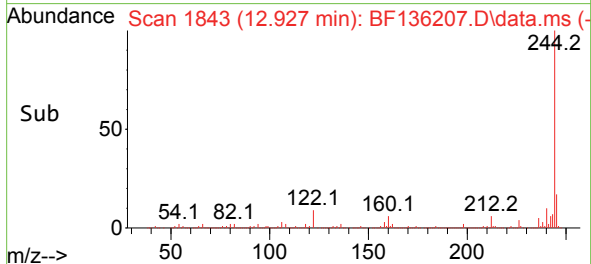
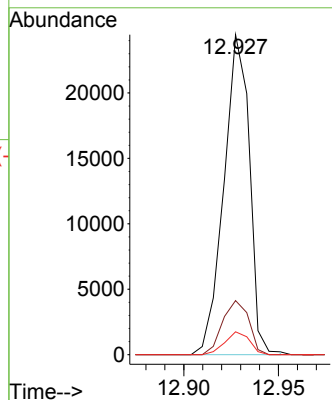
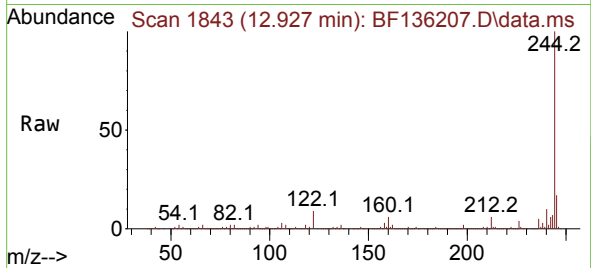




#77
Benzidine
Concen: 4.500 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF136207.D
Acq: 25 Nov 2023 06:39

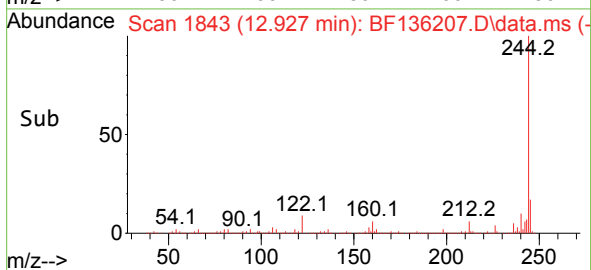
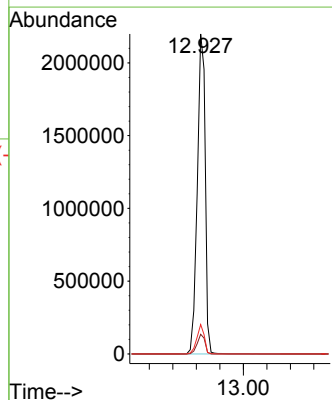
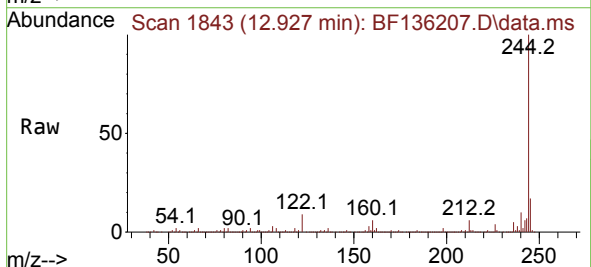
Instrument :
BNA_F
ClientSampleId :

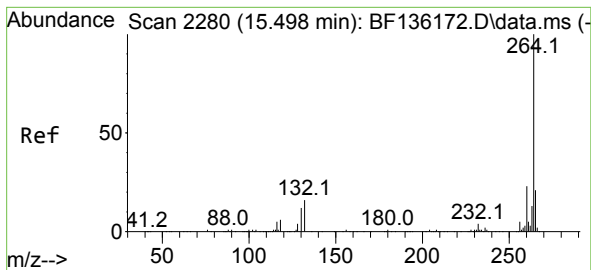
Tgt Ion:184 Resp: 22983
Ion Ratio Lower Upper
184 100
185 16.9 12.6 18.8
183 7.1 9.2 13.8#



#79
Terphenyl-d14
Concen: 99.036 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF136207.D
Acq: 25 Nov 2023 06:39

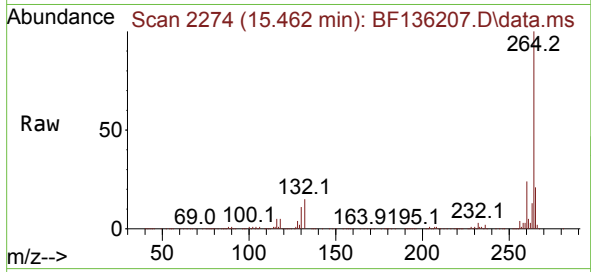
Tgt Ion:244 Resp: 2057819
Ion Ratio Lower Upper
244 100
212 6.1 5.4 8.0
122 9.2 8.1 12.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF136207.D
 Acq: 25 Nov 2023 06:39

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 288923
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.5 27.7
 265 20.6 16.9 25.3

