

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121923\
 Data File : BF136639.D
 Acq On : 19 Dec 2023 19:46
 Operator : CG\JU
 Sample : PB157746BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157746BL

Quant Time: Dec 20 04:31:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 04:16:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

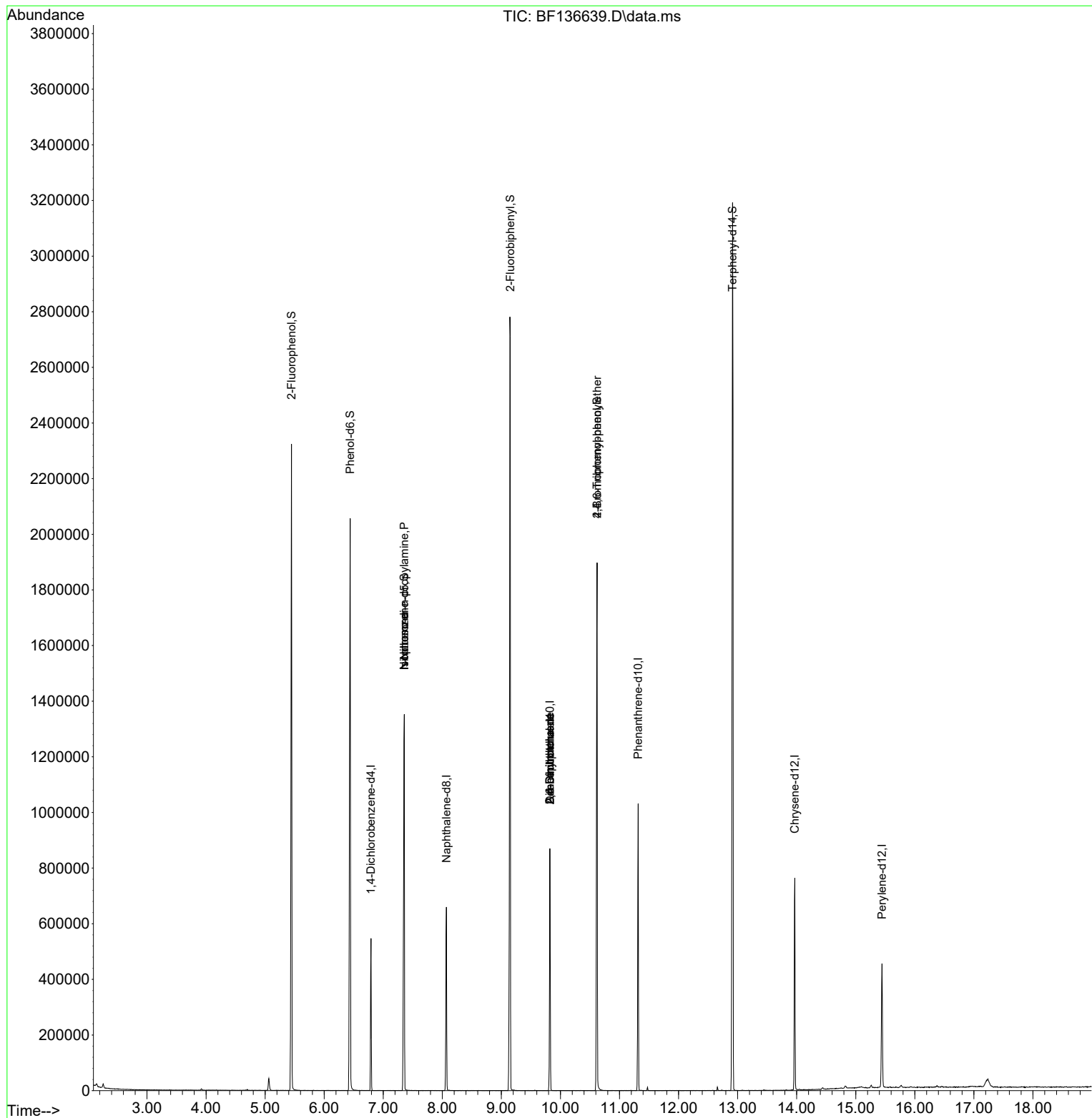
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	78888	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	305826	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	164436	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	355489	20.000	ng	0.00
76) Chrysene-d12	13.968	240	256743	20.000	ng	0.00
86) Perylene-d12	15.445	264	207398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	630755	124.138	ng	0.01
7) Phenol-d6	6.439	99	791641	121.731	ng	0.00
23) Nitrobenzene-d5	7.357	82	505609	85.852	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	251377	131.096	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1017901	84.575	ng	0.00
79) Terphenyl-d14	12.916	244	1337666	73.367	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	66182	16.414	ng	# 77
25) Isophorone	7.357	82	504054	45.881	ng	# 65
50) Dimethylphthalate	9.822	163	31343	2.658	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	20316	7.561	ng	# 23
57) 2,4-Dinitrotoluene	9.822	165	20316	5.872	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	15031	3.783	ng	# 1

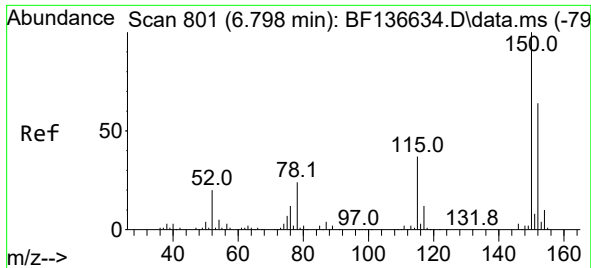
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121923\
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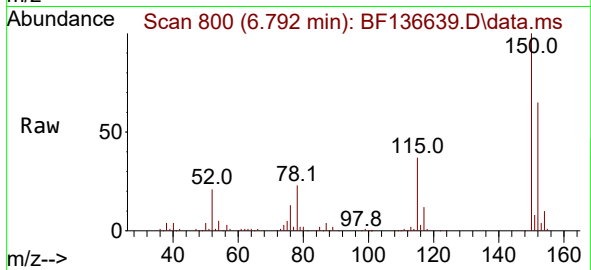
Quant Time: Dec 20 04:31:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121923.M
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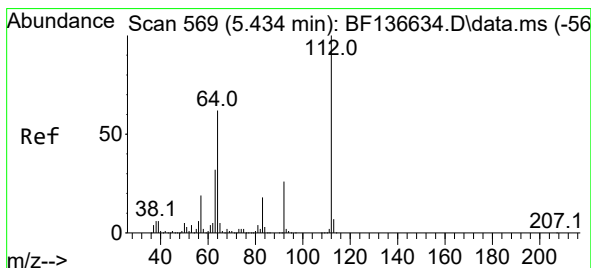
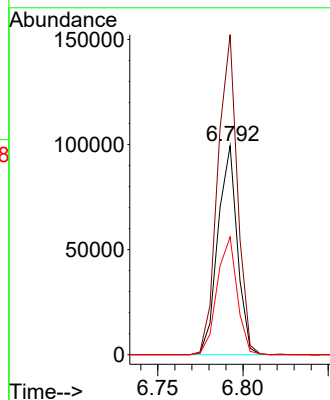
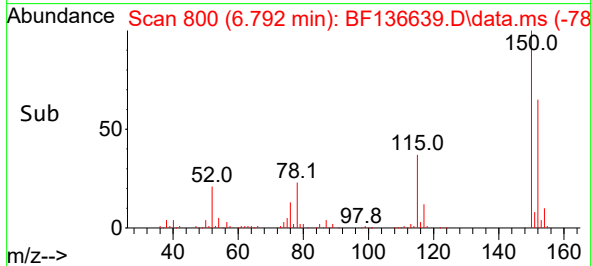


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF136639.D
Acq: 19 Dec 2023 19:46

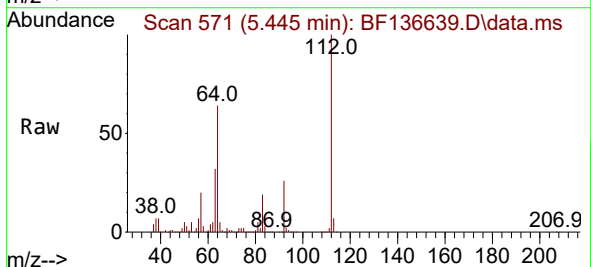
Instrument :
BNA_F
ClientSampleId :
PB157746BL



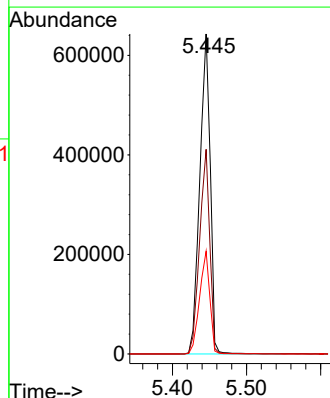
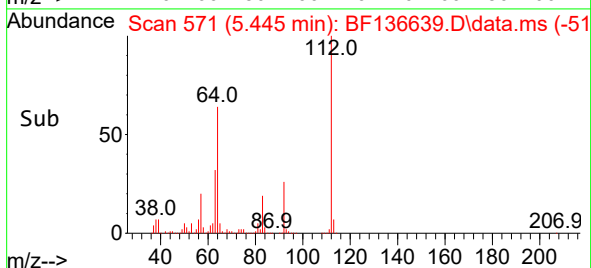
Tgt Ion:152 Resp: 78888
Ion Ratio Lower Upper
152 100
150 153.2 125.3 187.9
115 56.4 46.4 69.6

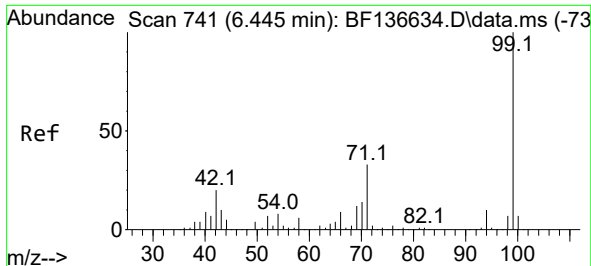


#5
2-Fluorophenol
Concen: 124.138 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF136639.D
Acq: 19 Dec 2023 19:46



Tgt Ion:112 Resp: 630755
Ion Ratio Lower Upper
112 100
64 64.0 49.7 74.5
63 32.1 25.8 38.6

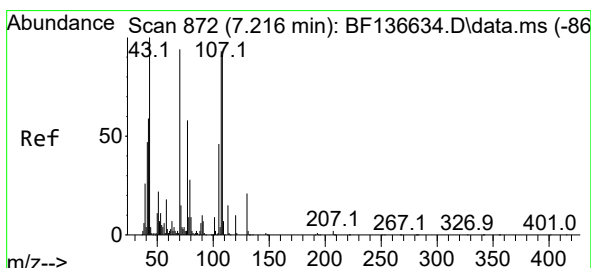
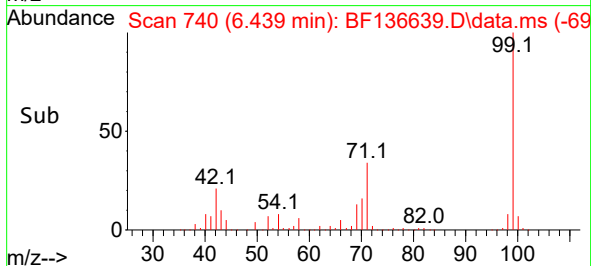
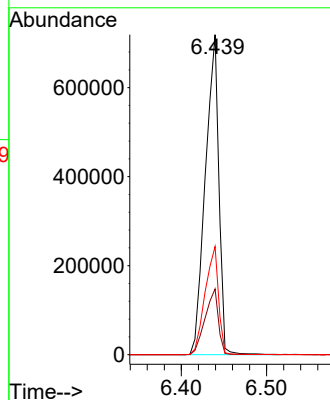
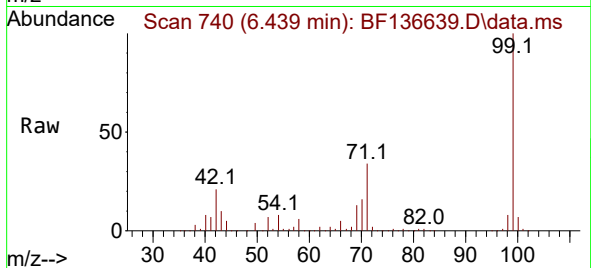




#7
Phenol-d6
Concen: 121.731 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136639.D
Acq: 19 Dec 2023 19:46

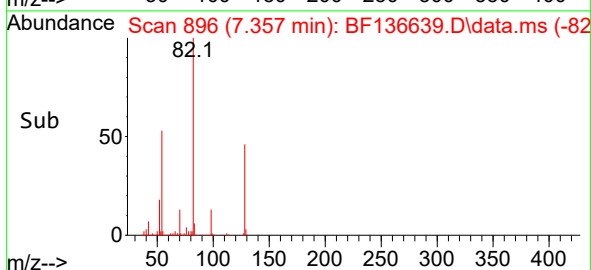
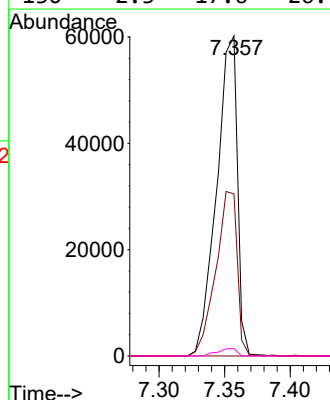
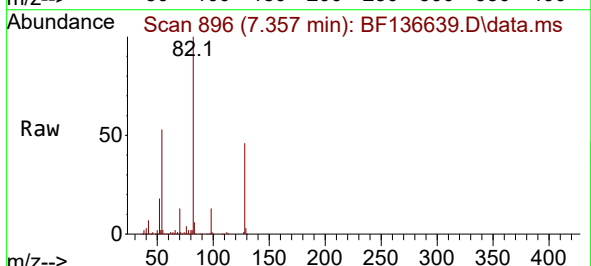
Instrument :
BNA_F
ClientSampleId :
PB157746BL

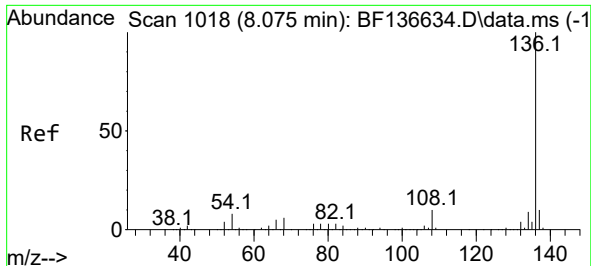
Tgt Ion: 99 Resp: 791641
Ion Ratio Lower Upper
99 100
42 20.5 16.2 24.4
71 33.8 26.6 39.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.414 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF136639.D
Acq: 19 Dec 2023 19:46

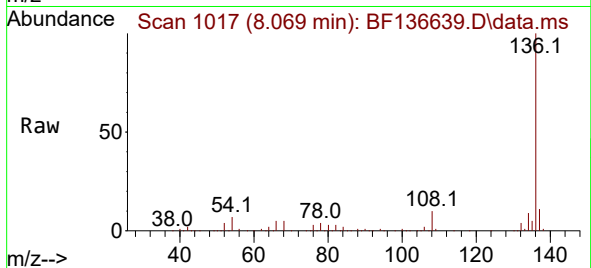
Tgt Ion: 70 Resp: 66182
Ion Ratio Lower Upper
70 100
42 50.6 50.1 75.1
101 0.0 8.1 12.1#
130 2.3 17.6 26.4#



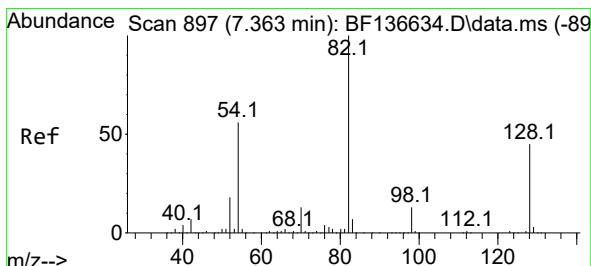
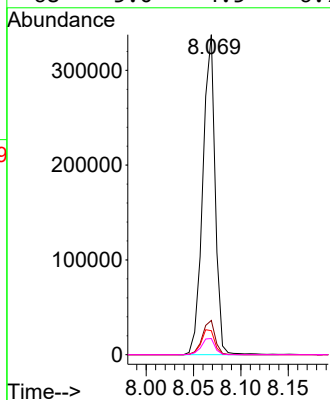
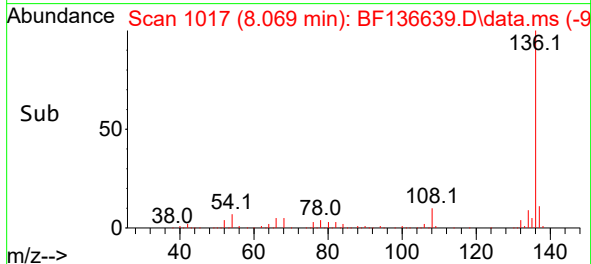


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136639.D
Acq: 19 Dec 2023 19:46

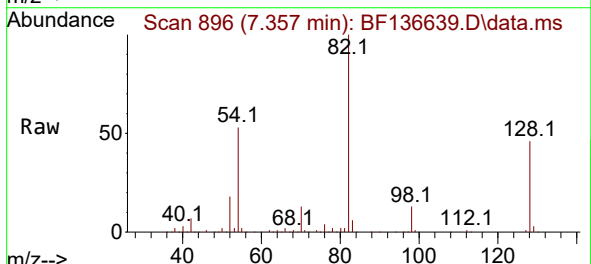
Instrument :
BNA_F
ClientSampleId :
PB157746BL



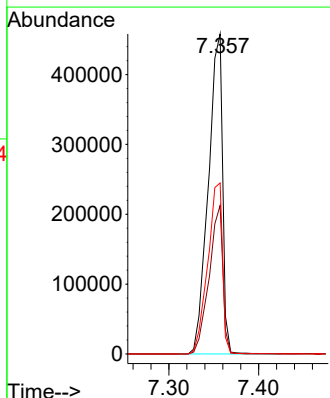
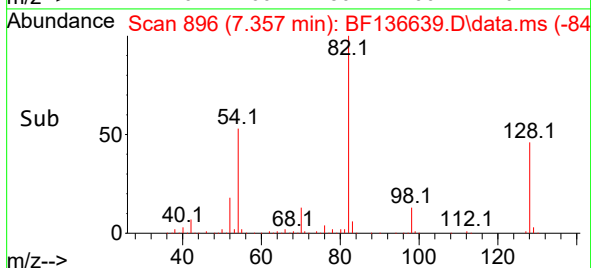
Tgt Ion:136 Resp: 305826
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.4
54 7.5 6.4 9.6
68 5.0 4.5 6.7

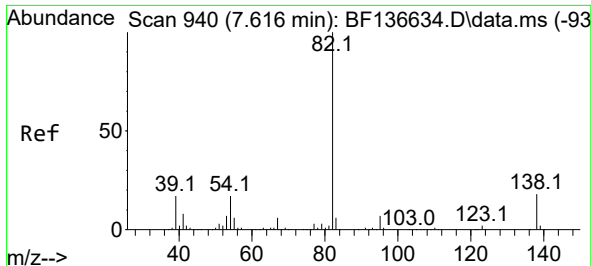


#23
Nitrobenzene-d5
Concen: 85.852 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF136639.D
Acq: 19 Dec 2023 19:46



Tgt Ion: 82 Resp: 505609
Ion Ratio Lower Upper
82 100
128 46.4 35.7 53.5
54 53.5 44.5 66.7

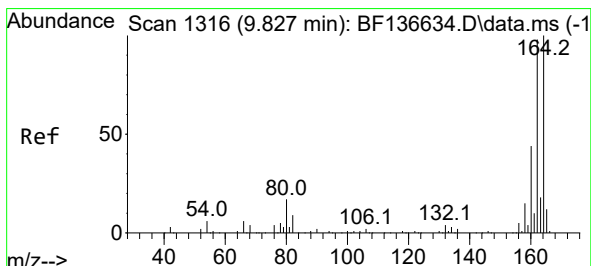
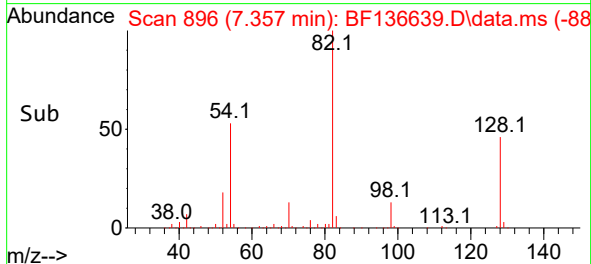
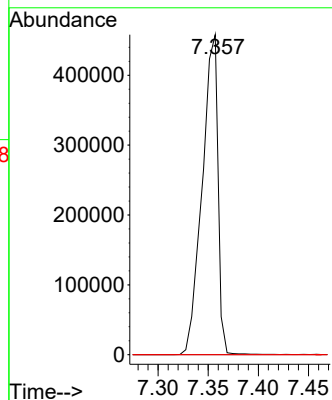
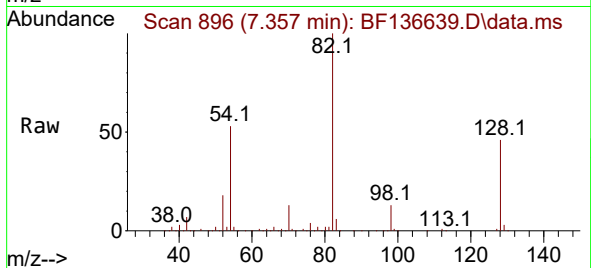




#25
Isophorone
Concen: 45.881 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.259 min
Lab File: BF136639.D
Acq: 19 Dec 2023 19:46

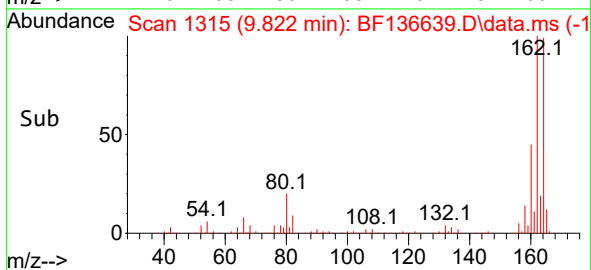
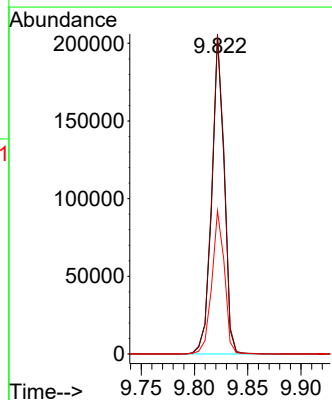
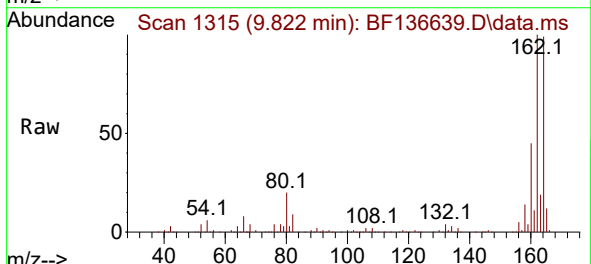
Instrument :
BNA_F
ClientSampleId :
PB157746BL

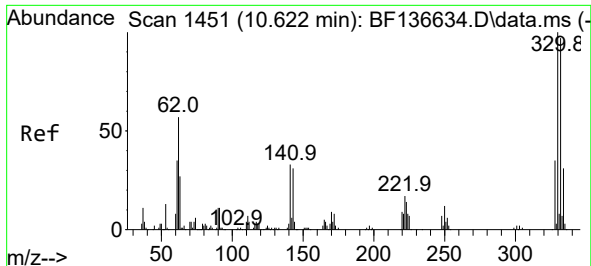
Tgt Ion: 82 Resp: 504054
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.2 21.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF136639.D
Acq: 19 Dec 2023 19:46

Tgt Ion:164 Resp: 164436
Ion Ratio Lower Upper
164 100
162 100.7 78.4 117.6
160 45.1 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 131.096 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF136639.D

Acq: 19 Dec 2023 19:46

Instrument :

BNA_F

ClientSampleId :

PB157746BL

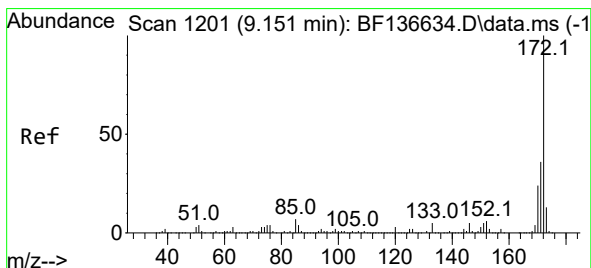
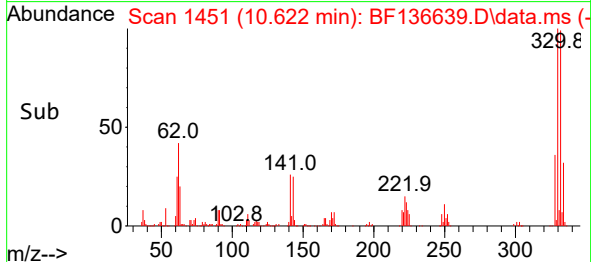
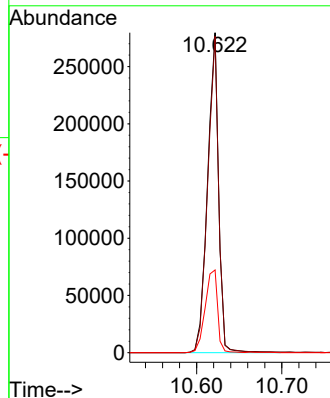
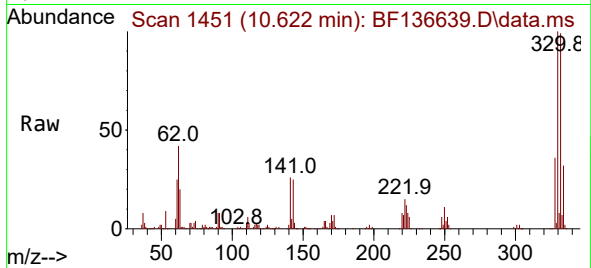
Tgt Ion:330 Resp: 251377

Ion Ratio Lower Upper

330 100

332 98.3 77.4 116.0

141 29.1 23.4 35.0



#45

2-Fluorobiphenyl

Concen: 84.575 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.000 min

Lab File: BF136639.D

Acq: 19 Dec 2023 19:46

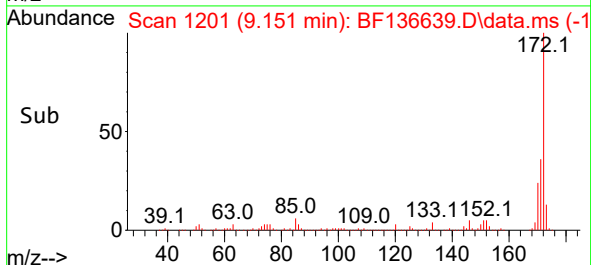
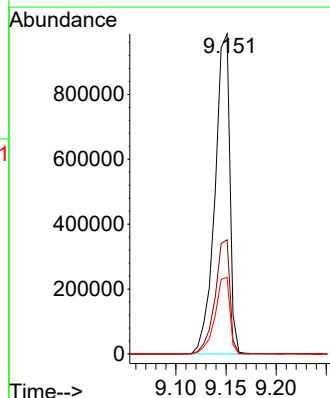
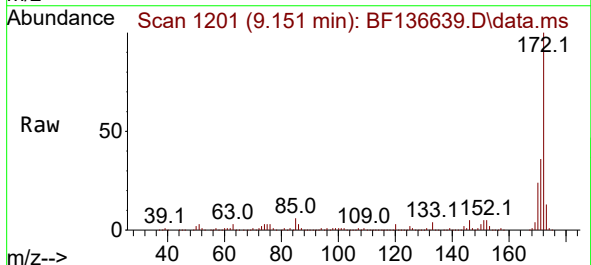
Tgt Ion:172 Resp: 1017901

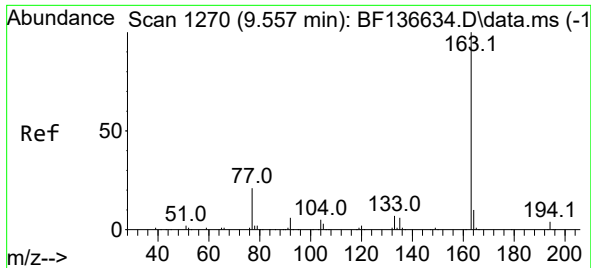
Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

170 24.0 18.9 28.3

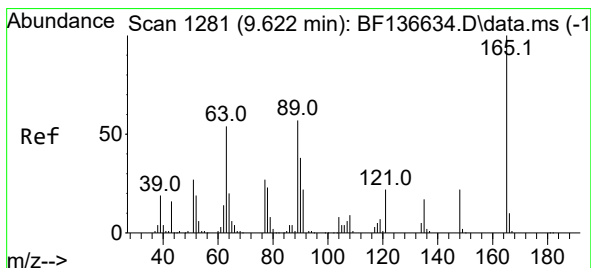
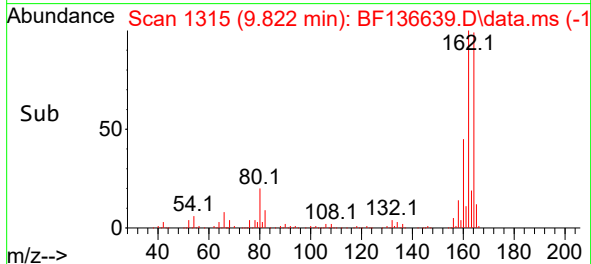
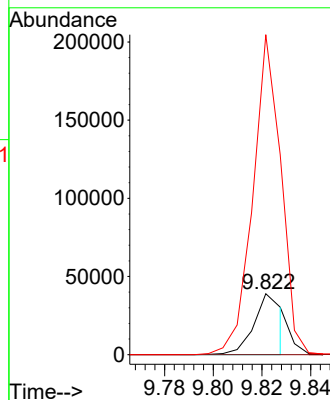
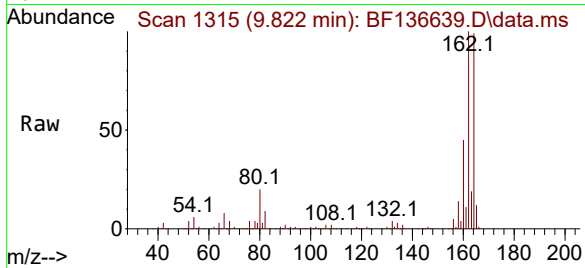




#50
Dimethylphthalate
Concen: 2.658 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF136639.D
Acq: 19 Dec 2023 19:46

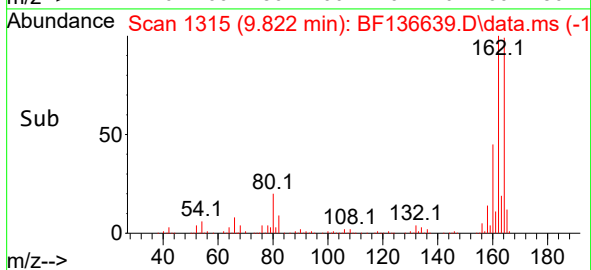
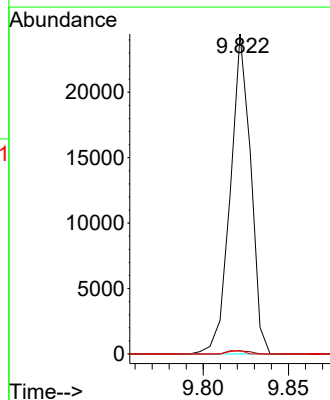
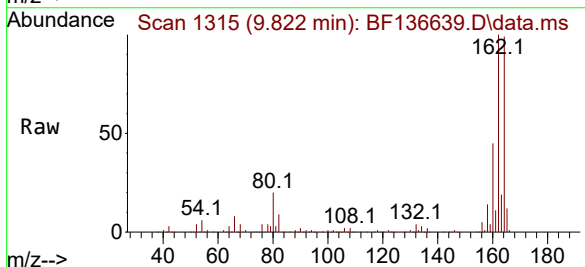
Instrument :
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PB157746BL

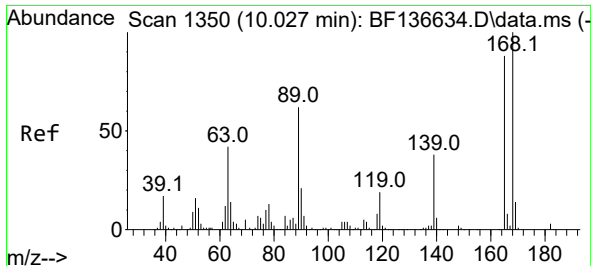
Tgt Ion:163 Resp: 31343
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 524.3 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 7.561 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF136639.D
Acq: 19 Dec 2023 19:46

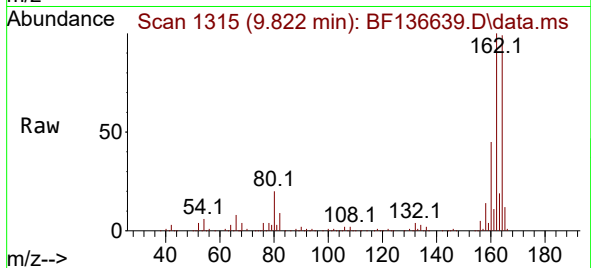
Tgt Ion:165 Resp: 20316
Ion Ratio Lower Upper
165 100
63 0.9 47.3 70.9#
89 1.1 45.5 68.3#



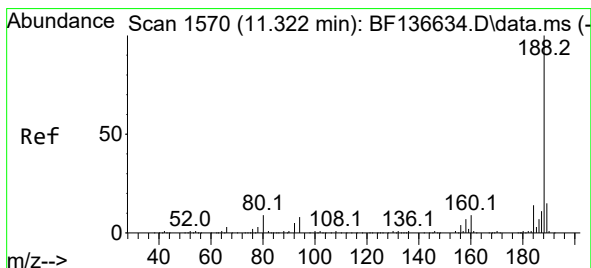
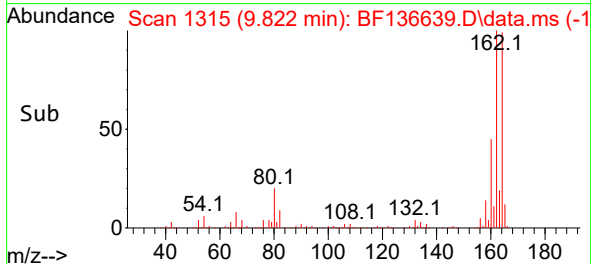
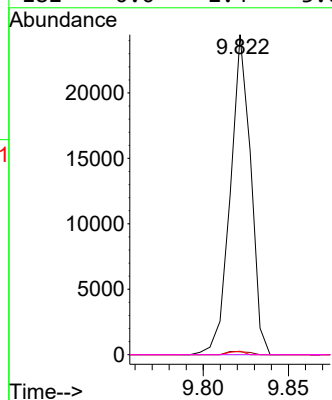


#57
2,4-Dinitrotoluene
Concen: 5.872 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136639.D
Acq: 19 Dec 2023 19:46

Instrument :
BNA_F
ClientSampleId :
PB157746BL

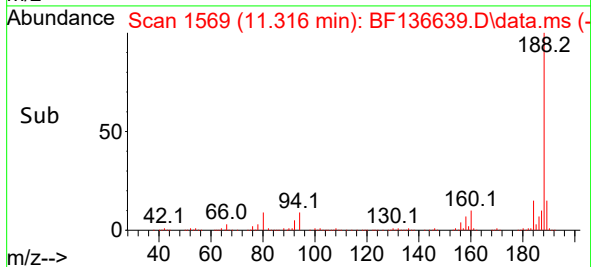
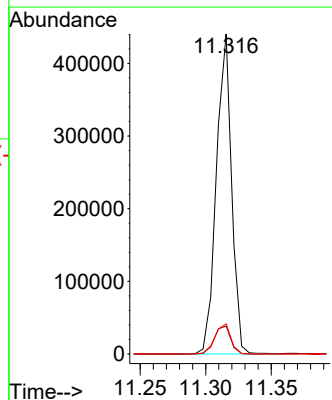
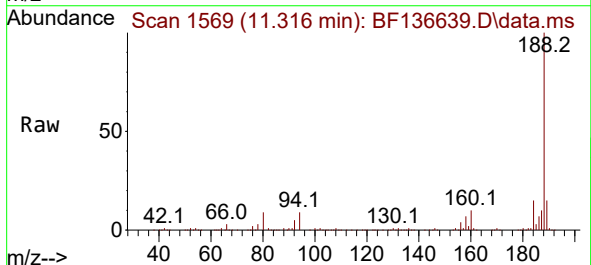


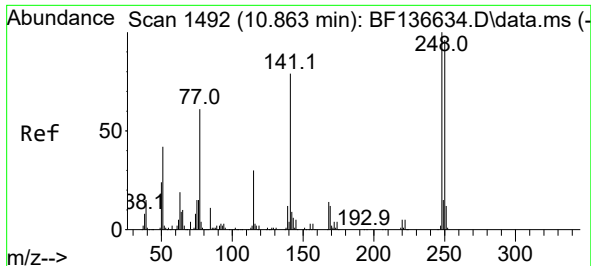
Tgt Ion:165 Resp: 20316
Ion Ratio Lower Upper
165 100
63 0.9 38.4 57.6#
89 1.1 56.2 84.4#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF136639.D
Acq: 19 Dec 2023 19:46

Tgt Ion:188 Resp: 355489
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.4 7.0 10.4

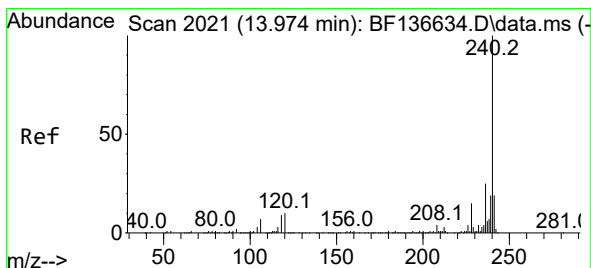
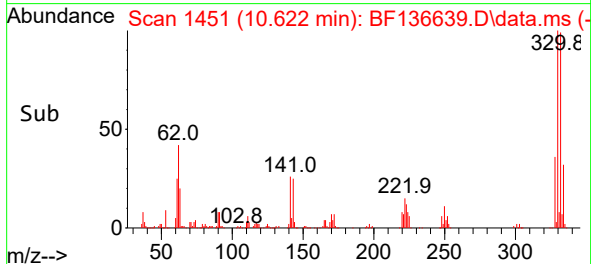
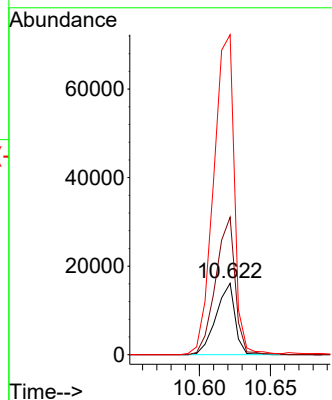
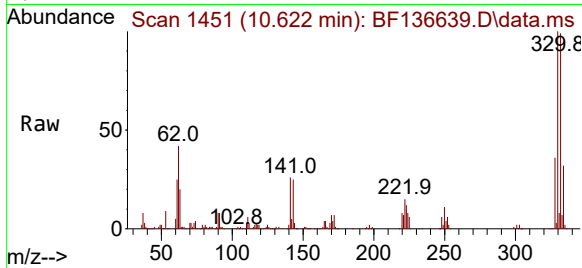




#67
4-Bromophenyl-phenylether
Concen: 3.783 ng
RT: 10.622 min Scan# 1492
Delta R.T. -0.241 min
Lab File: BF136639.D
Acq: 19 Dec 2023 19:46

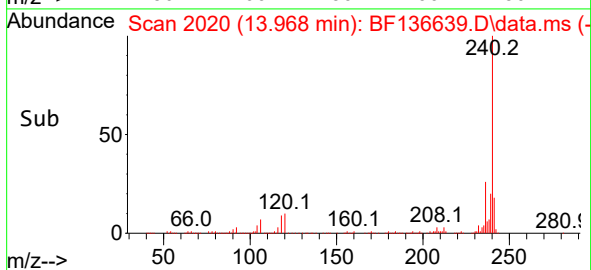
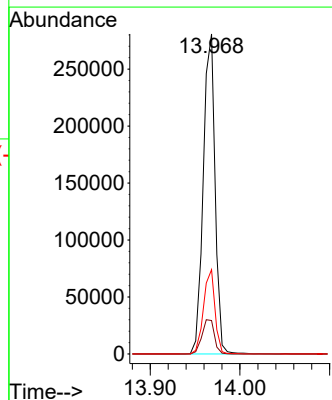
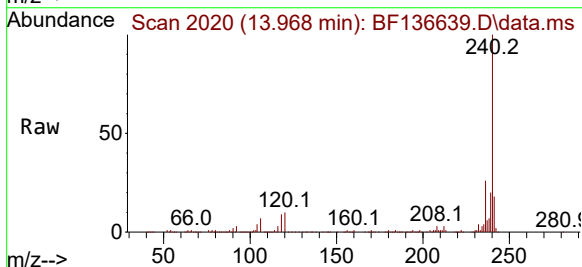
Instrument :
BNA_F
ClientSampleId :
PB157746BL

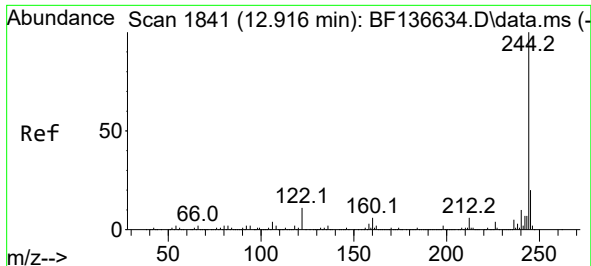
Tgt Ion:248 Resp: 15031
Ion Ratio Lower Upper
248 100
250 192.4 77.0 115.4#
141 448.1 63.0 94.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF136639.D
Acq: 19 Dec 2023 19:46

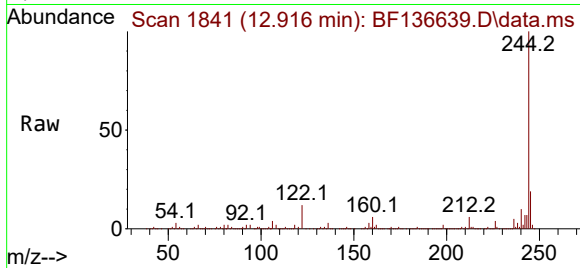
Tgt Ion:240 Resp: 256743
Ion Ratio Lower Upper
240 100
120 10.4 7.6 11.4
236 26.4 20.2 30.2





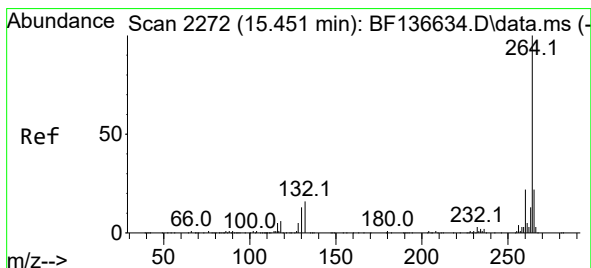
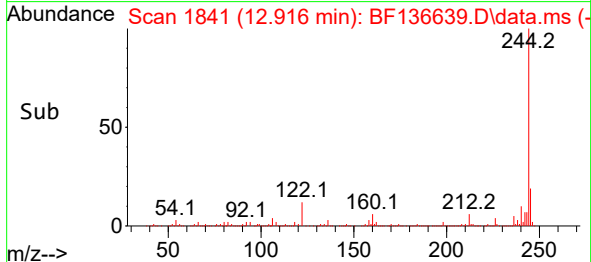
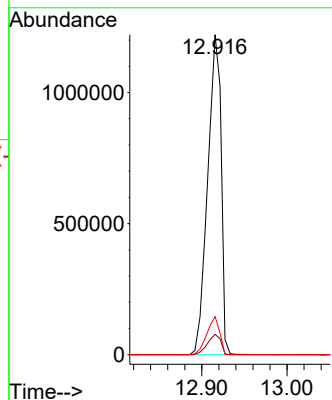
#79
 Terphenyl-d14
 Concen: 73.367 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.000 min
 Lab File: BF136639.D
 Acq: 19 Dec 2023 19:46

Instrument :
 BNA_F
 ClientSampleId :
 PB157746BL



Tgt Ion:244 Resp: 1337666

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.1	7.7
122	11.9	9.2	13.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.006 min
 Lab File: BF136639.D
 Acq: 19 Dec 2023 19:46

Tgt Ion:264 Resp: 207398

Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.9	26.9
265	20.4	17.4	26.2

