

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136572.D
 Acq On : 14 Dec 2023 17:13
 Operator : CG\JU
 Sample : 05569-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 00:34:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

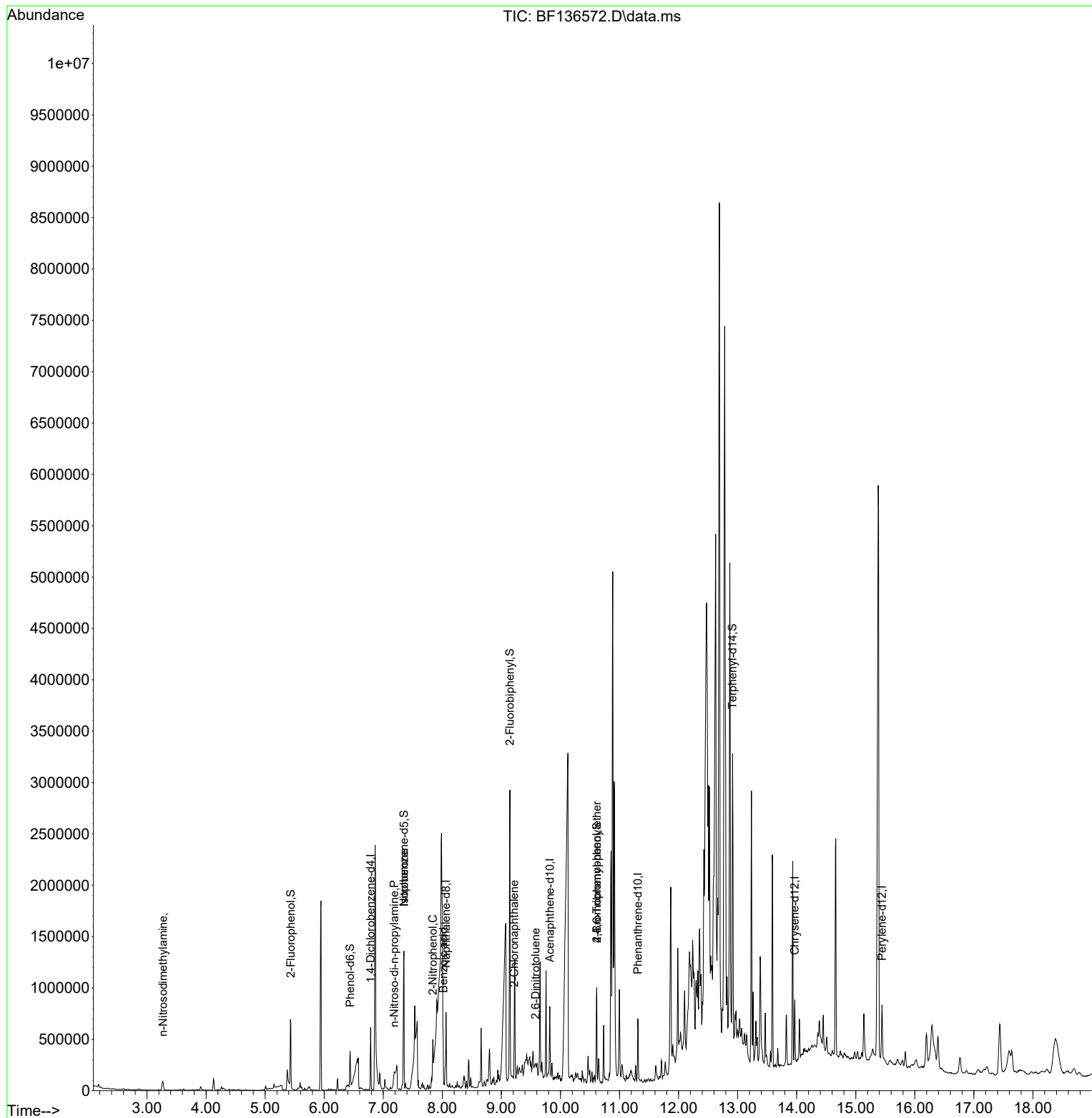
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	81500	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	285064	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	121620	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	218683	20.000	ng	0.00
76) Chrysene-d12	13.968	240	198905	20.000	ng	0.00
86) Perylene-d12	15.445	264	234315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	186687	33.829	ng	0.01
7) Phenol-d6	6.439	99	126054	18.308	ng	0.00
23) Nitrobenzene-d5	7.351	82	444721	84.338	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	116206	77.492	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	809184	90.785	ng	0.00
79) Terphenyl-d14	12.915	244	945092	62.627	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.269	42	5110	2.225	ng	# 1
9) Benzaldehyde	6.339	77	944	Below Cal		# 84
19) n-Nitroso-di-n-propyla...	7.186	70	17554	4.420	ng	# 57
25) Isophorone	7.351	82	442832	46.744	ng	# 65
26) 2-Nitrophenol	7.839	139	15117	5.797	ng	# 45
32) Benzoic acid	8.016	122	165904	52.009	ng	# 76
47) 2-Chloronaphthalene	9.216	162	17523	2.176	ng	# 44
51) 2,6-Dinitrotoluene	9.580	165	4523	2.245	ng	# 31
67) 4-Bromophenyl-phenylether	10.616	248	7641	3.005	ng	# 1
77) Benzidine	12.692	184	1786	Below Cal		# 1

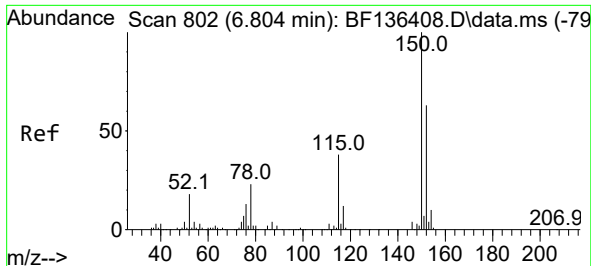
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
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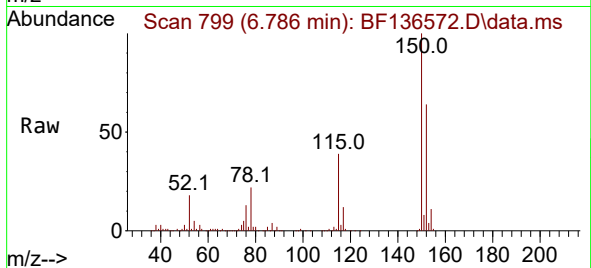
Quant Time: Dec 15 00:34:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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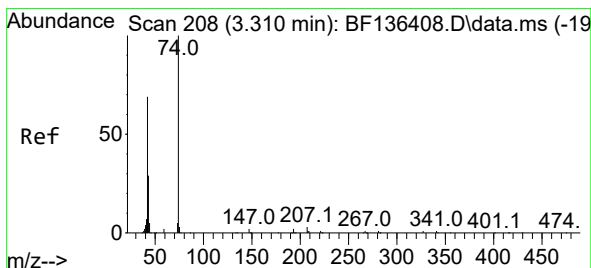
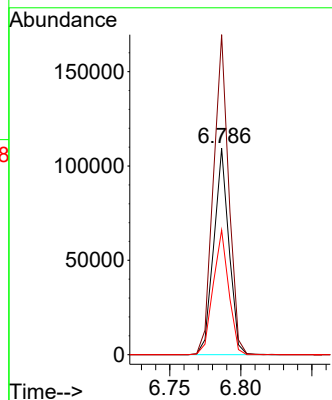
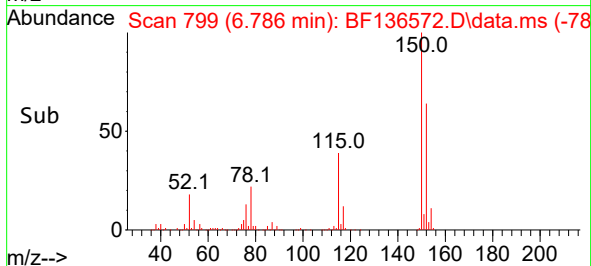


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF136572.D
Acq: 14 Dec 2023 17:13

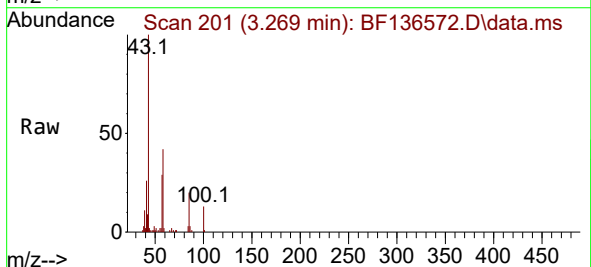
Instrument :
BNA_F
ClientSampleId :



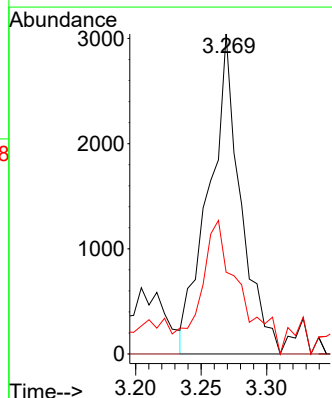
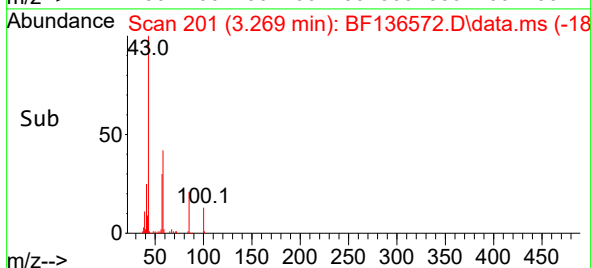
Tgt Ion:152 Resp: 81500
Ion Ratio Lower Upper
152 100
150 155.1 126.4 189.6
115 60.4 48.2 72.4

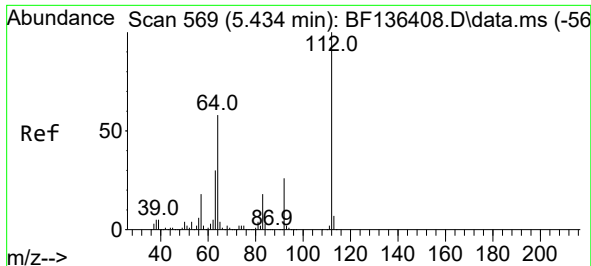


#4
n-Nitrosodimethylamine
Concen: 2.225 ng
RT: 3.269 min Scan# 201
Delta R.T. -0.018 min
Lab File: BF136572.D
Acq: 14 Dec 2023 17:13



Tgt Ion: 42 Resp: 5110
Ion Ratio Lower Upper
42 100
74 0.0 115.4 173.0#
44 25.6 6.2 9.2#

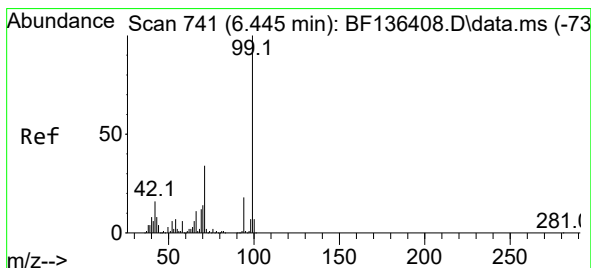
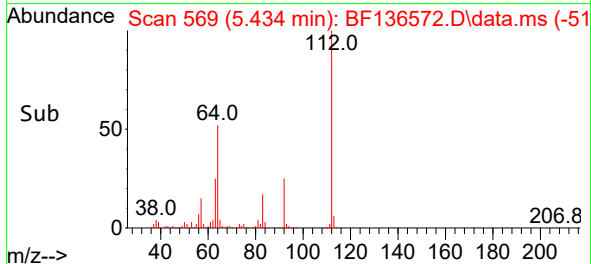
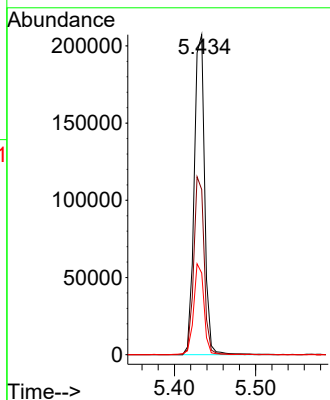
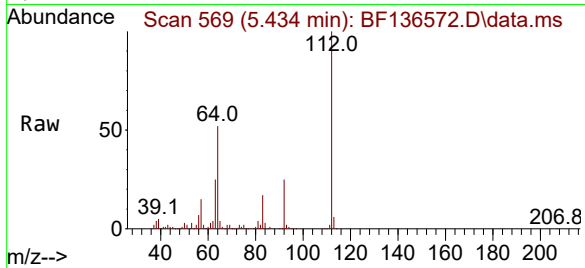




#5
2-Fluorophenol
Concen: 33.829 ng
RT: 5.434 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF136572.D
Acq: 14 Dec 2023 17:13

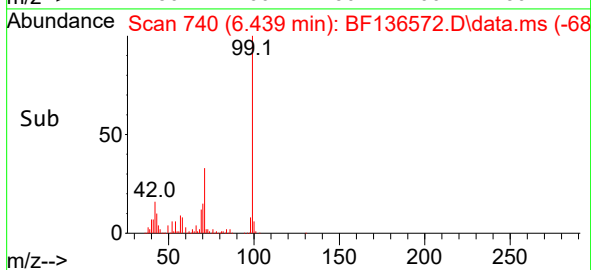
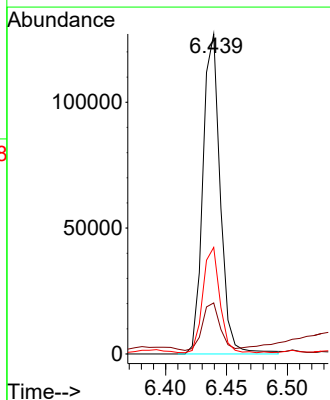
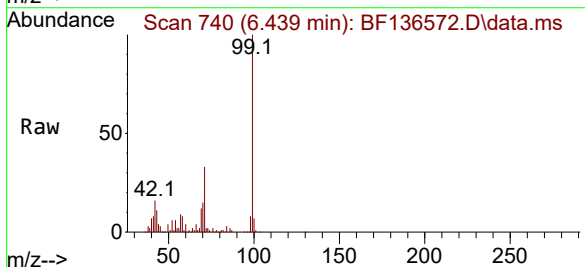
Instrument :
BNA_F
ClientSampleId :

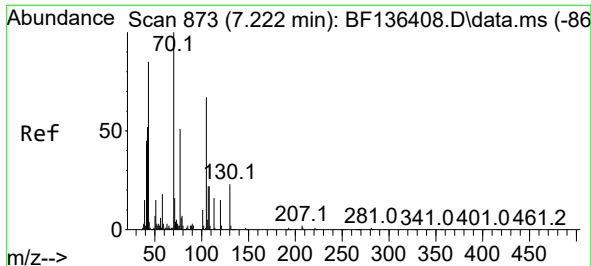
Tgt Ion:112 Resp: 186687
Ion Ratio Lower Upper
112 100
64 51.6 46.5 69.7
63 25.5 23.9 35.9



#7
Phenol-d6
Concen: 18.308 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF136572.D
Acq: 14 Dec 2023 17:13

Tgt Ion: 99 Resp: 126054
Ion Ratio Lower Upper
99 100
42 16.0 12.8 19.2
71 33.3 27.0 40.4





#19

n-Nitroso-di-n-propylamine

Concen: 4.420 ng

RT: 7.186 min Scan# 8

Delta R.T. -0.018 min

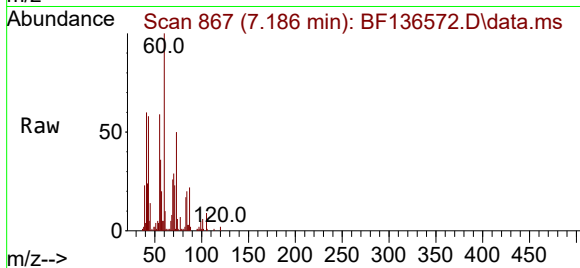
Lab File: BF136572.D

Acq: 14 Dec 2023 17:13

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 17554

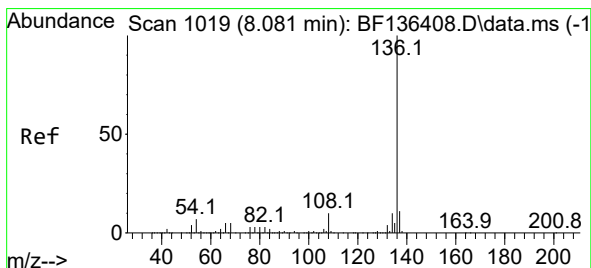
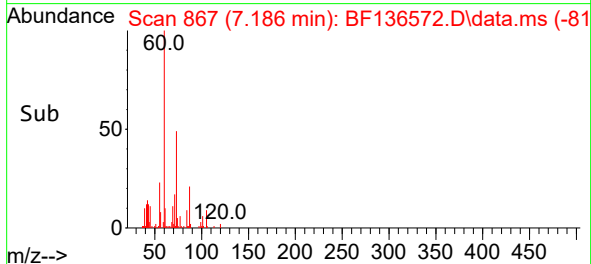
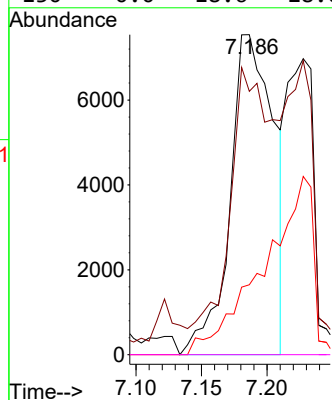
Ion Ratio Lower Upper

70 100

42 82.3 41.4 62.0#

101 21.8 8.2 12.4#

130 0.0 18.6 28.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF136572.D

Acq: 14 Dec 2023 17:13

Tgt Ion: 136 Resp: 285064

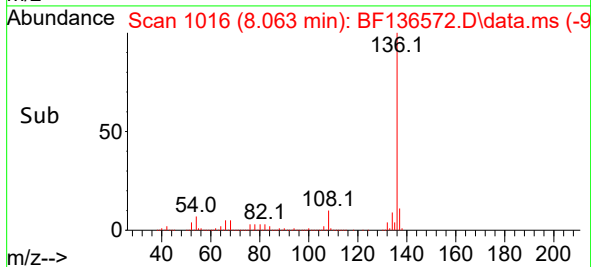
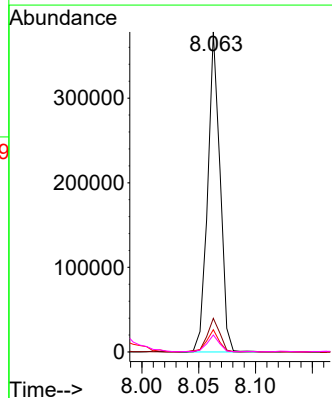
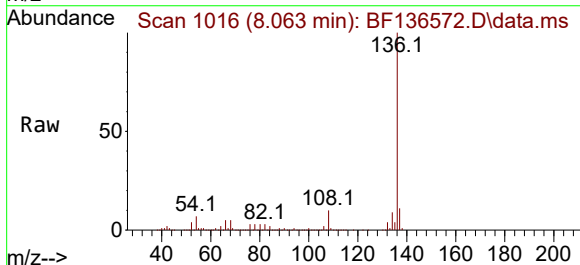
Ion Ratio Lower Upper

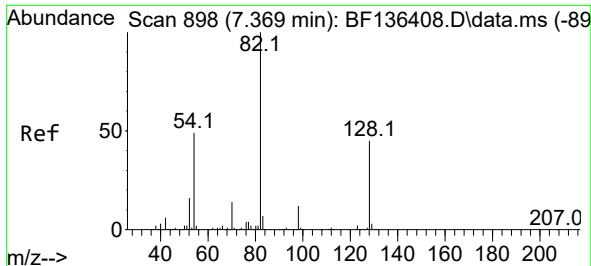
136 100

137 10.5 8.6 12.8

54 6.9 5.7 8.5

68 5.3 4.0 6.0





#23

Nitrobenzene-d5

Concen: 84.338 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

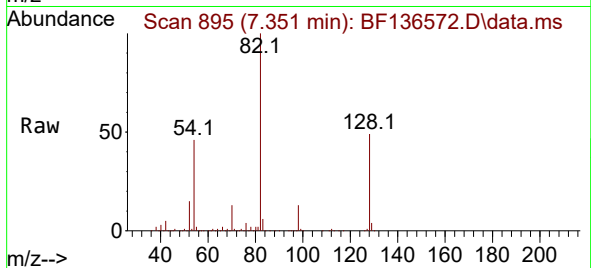
Lab File: BF136572.D

Acq: 14 Dec 2023 17:13

Instrument :

BNA_F

ClientSampleId :



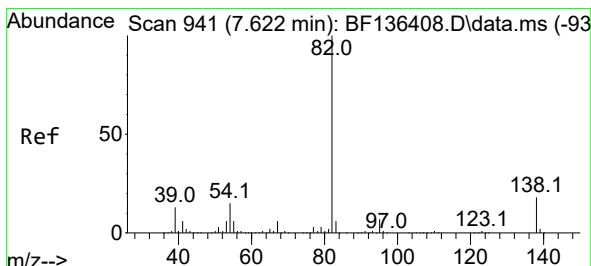
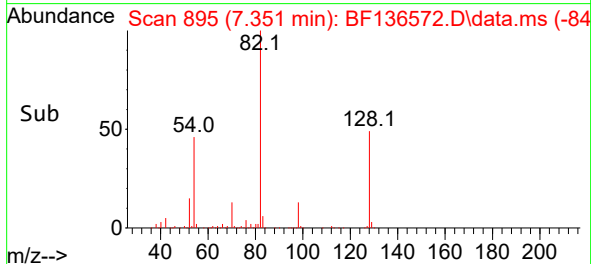
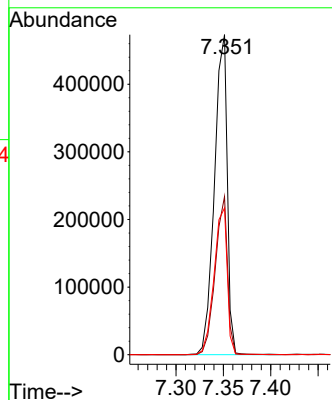
Tgt Ion: 82 Resp: 444721

Ion Ratio Lower Upper

82 100

128 49.4 36.3 54.5

54 45.8 39.0 58.6



#25

Isophorone

Concen: 46.744 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.259 min

Lab File: BF136572.D

Acq: 14 Dec 2023 17:13

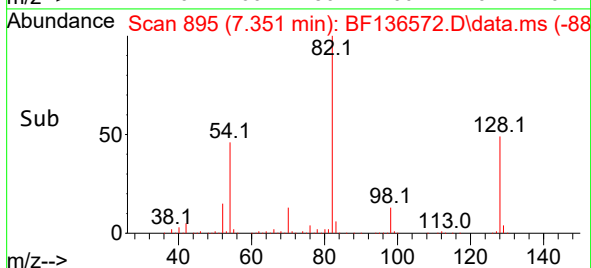
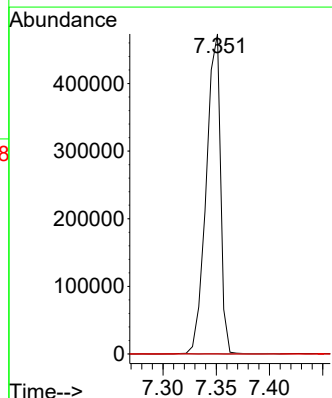
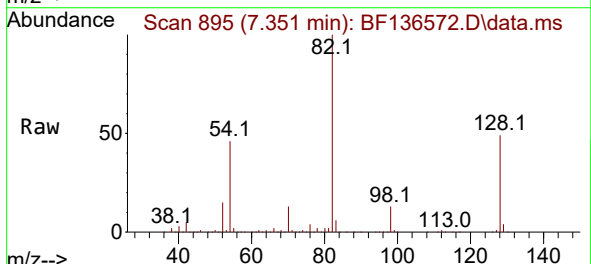
Tgt Ion: 82 Resp: 442832

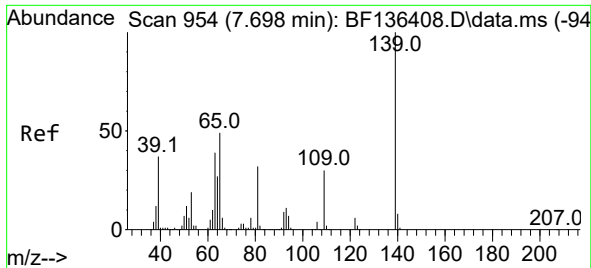
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

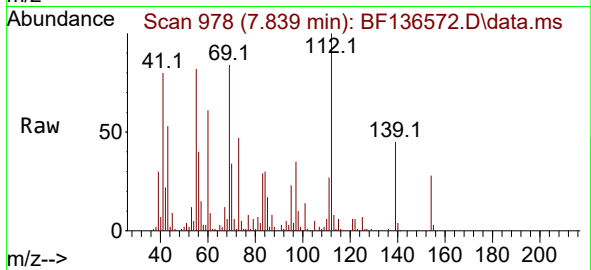
138 0.0 14.5 21.7#



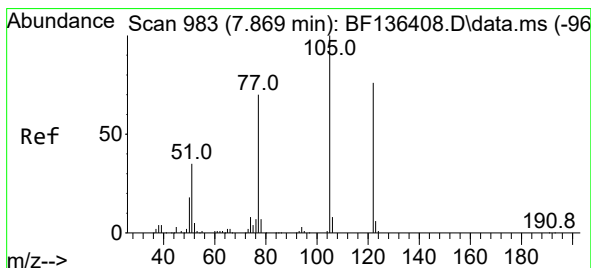
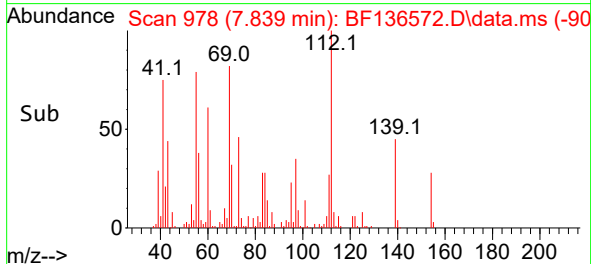
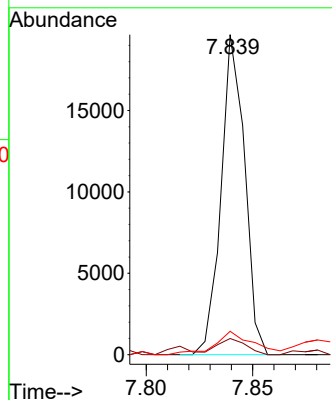


#26
2-Nitrophenol
Concen: 5.797 ng
RT: 7.839 min Scan# 91
Delta R.T. 0.153 min
Lab File: BF136572.D
Acq: 14 Dec 2023 17:13

Instrument :
BNA_F
ClientSampleId :

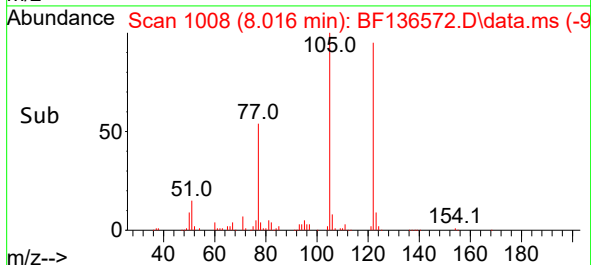
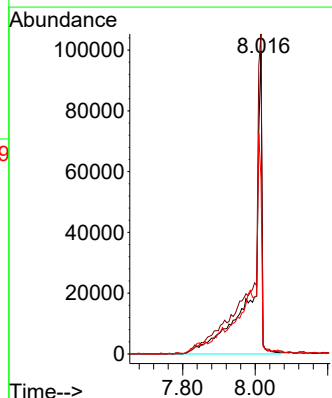
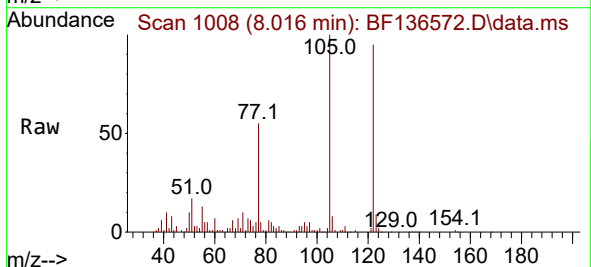


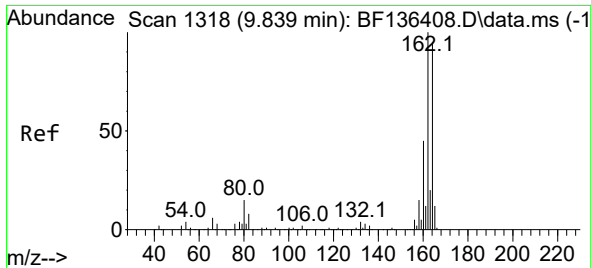
Tgt Ion:139 Resp: 15117
Ion Ratio Lower Upper
139 100
109 5.1 23.6 35.4#
65 7.3 39.4 59.2#



#32
Benzoic acid
Concen: 52.009 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.159 min
Lab File: BF136572.D
Acq: 14 Dec 2023 17:13

Tgt Ion:122 Resp: 165904
Ion Ratio Lower Upper
122 100
105 105.6 104.7 144.7
77 57.6 68.5 108.5#

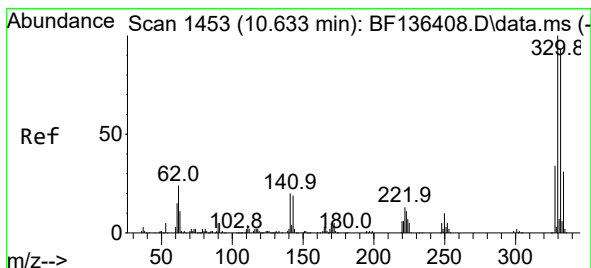
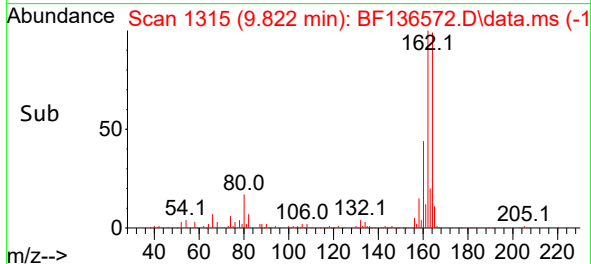
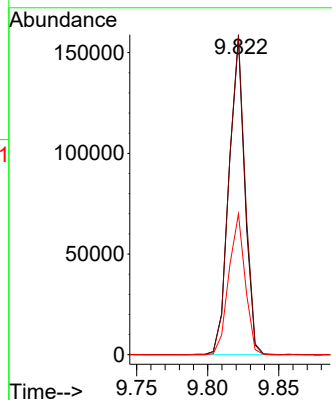
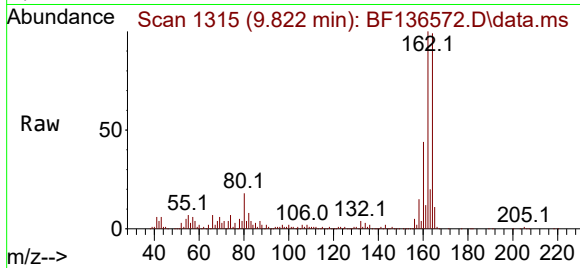




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136572.D
Acq: 14 Dec 2023 17:13

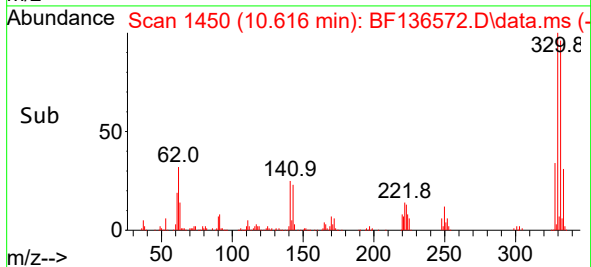
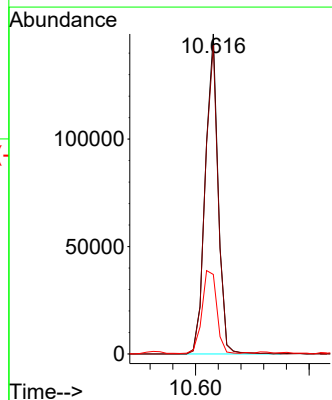
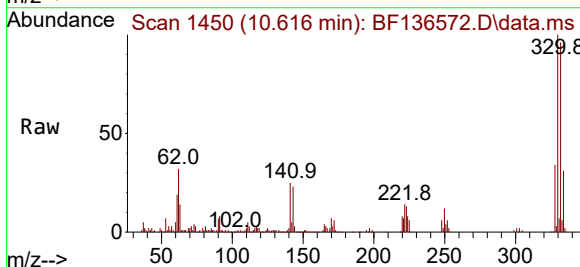
Instrument :
BNA_F
ClientSampleId :

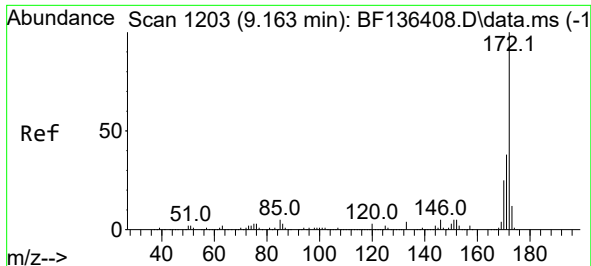
Tgt Ion:164 Resp: 121620
Ion Ratio Lower Upper
164 100
162 101.2 84.4 126.6
160 44.5 37.6 56.4



#42
2,4,6-Tribromophenol
Concen: 77.492 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136572.D
Acq: 14 Dec 2023 17:13

Tgt Ion:330 Resp: 116206
Ion Ratio Lower Upper
330 100
332 97.7 76.4 114.6
141 30.1 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 90.785 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.000 min

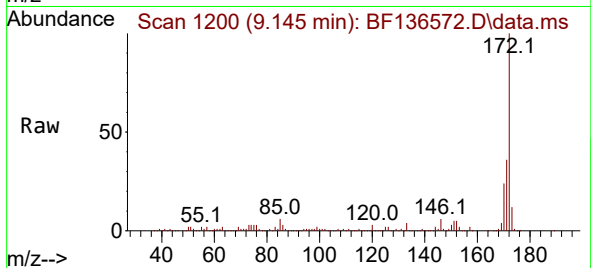
Lab File: BF136572.D

Acq: 14 Dec 2023 17:13

Instrument :

BNA_F

ClientSampleId :



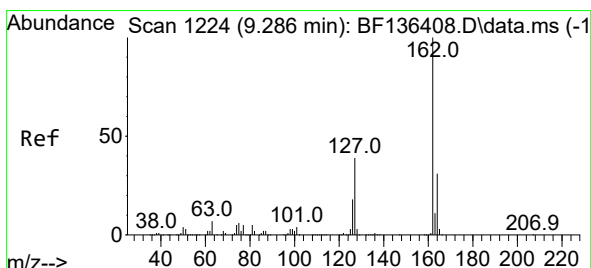
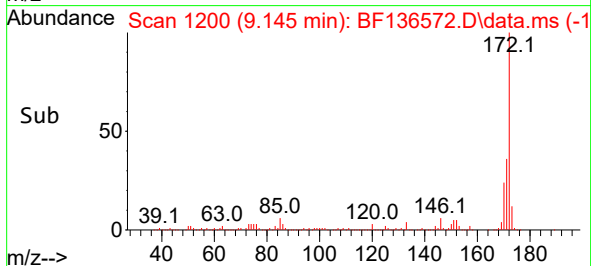
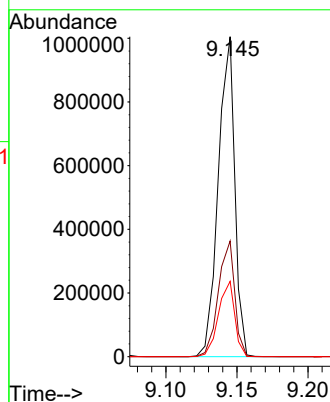
Tgt Ion:172 Resp: 809184

Ion Ratio Lower Upper

172 100

171 36.2 30.5 45.7

170 23.6 19.9 29.9



#47

2-Chloronaphthalene

Concen: 2.176 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.059 min

Lab File: BF136572.D

Acq: 14 Dec 2023 17:13

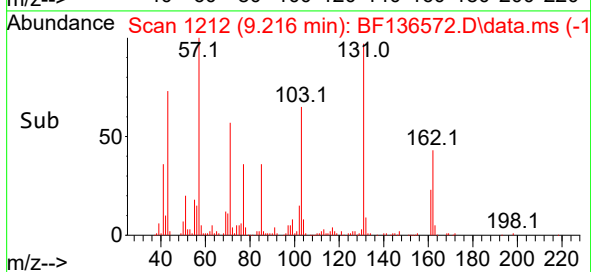
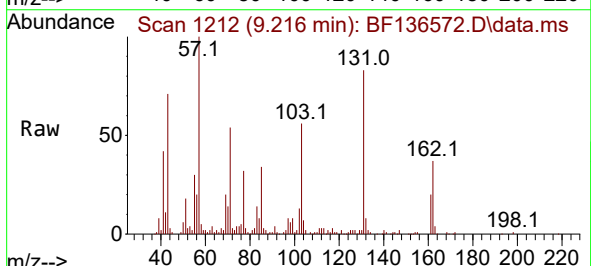
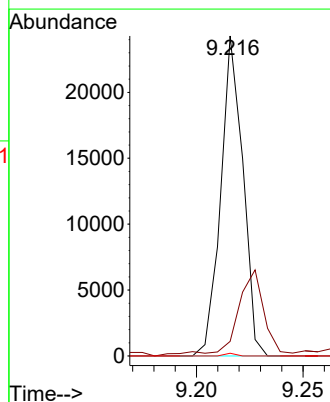
Tgt Ion:162 Resp: 17523

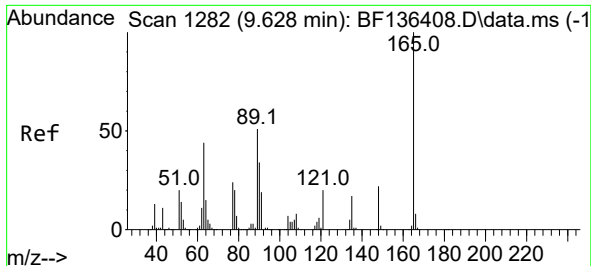
Ion Ratio Lower Upper

162 100

127 4.6 31.1 46.7#

164 0.8 24.6 37.0#





#51

2,6-Dinitrotoluene

Concen: 2.245 ng

RT: 9.580 min Scan# 1

Delta R.T. -0.035 min

Lab File: BF136572.D

Acq: 14 Dec 2023 17:13

Instrument :

BNA_F

ClientSampleId :

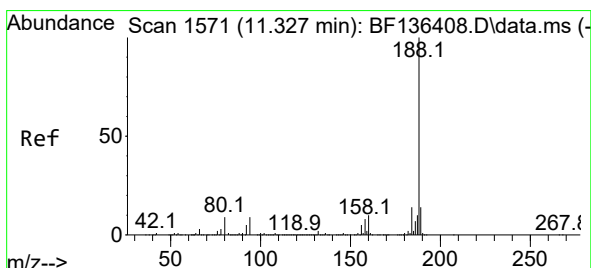
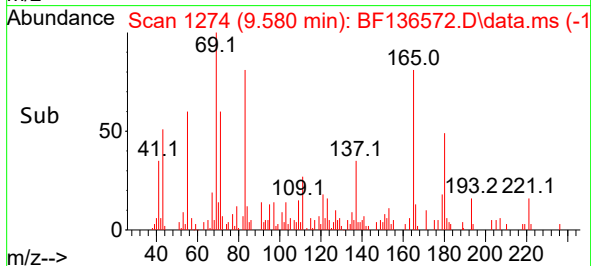
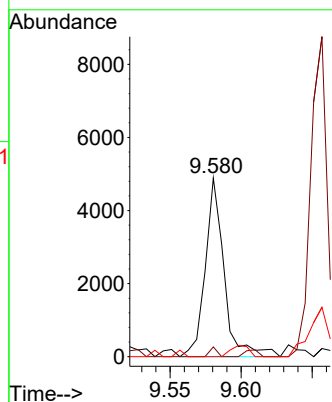
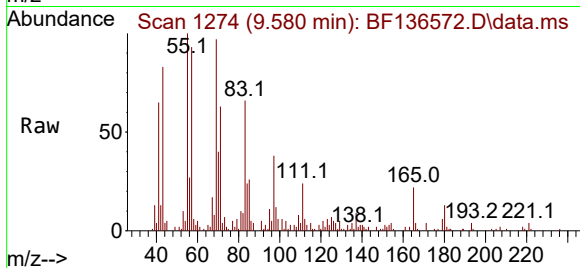
Tgt Ion:165 Resp: 4523

Ion Ratio Lower Upper

165 100

63 5.5 40.4 60.6#

89 0.0 40.6 60.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF136572.D

Acq: 14 Dec 2023 17:13

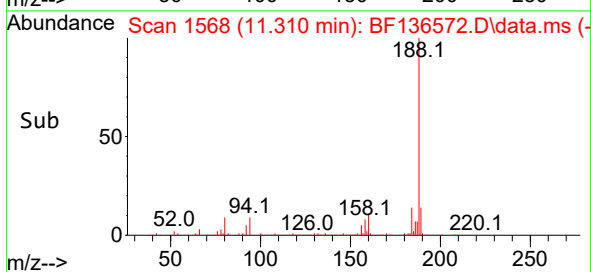
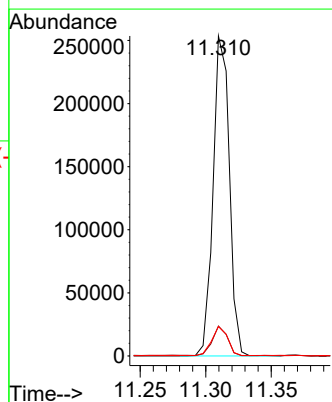
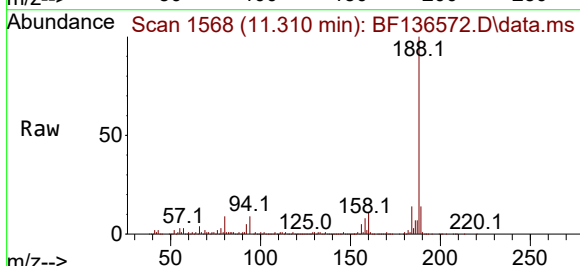
Tgt Ion:188 Resp: 218683

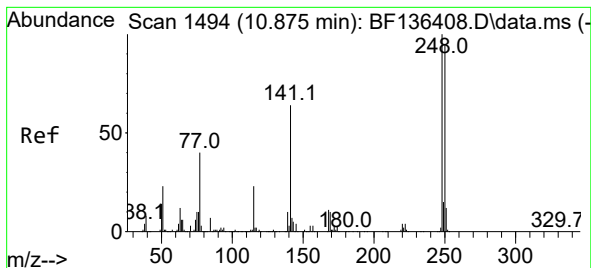
Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

80 9.2 7.2 10.8

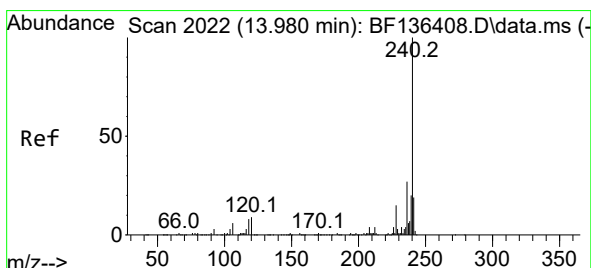
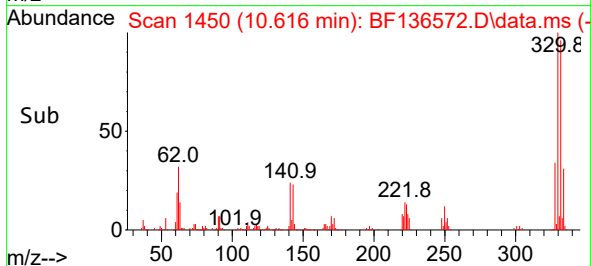
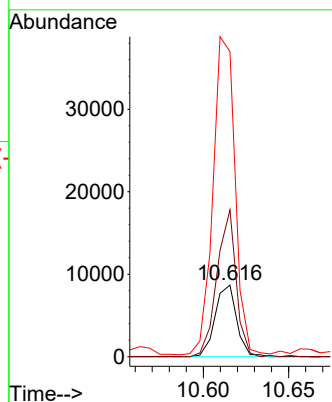
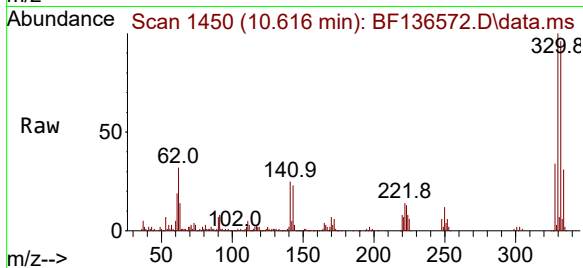




#67
4-Bromophenyl-phenylether
Concen: 3.005 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF136572.D
Acq: 14 Dec 2023 17:13

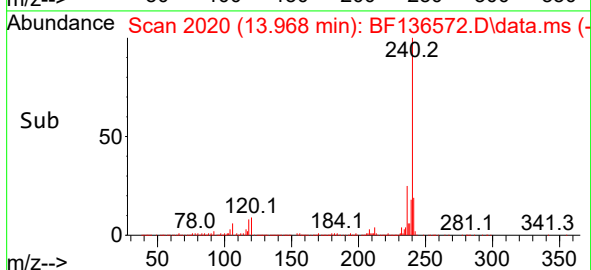
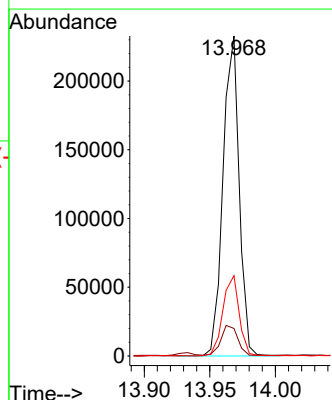
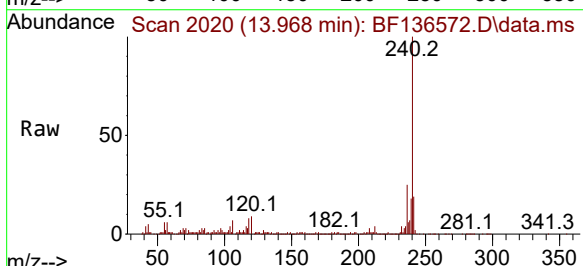
Instrument :
BNA_F
ClientSampleId :

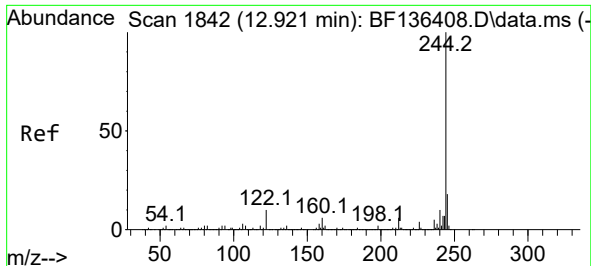
Tgt Ion:248 Resp: 7641
Ion Ratio Lower Upper
248 100
250 205.1 76.2 114.2#
141 426.0 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF136572.D
Acq: 14 Dec 2023 17:13

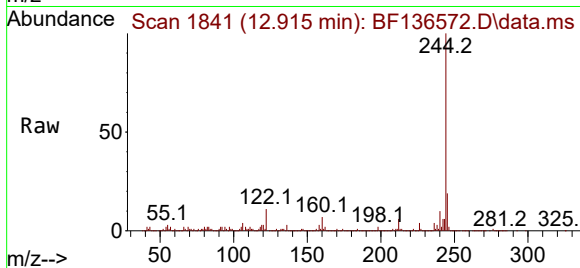
Tgt Ion:240 Resp: 198905
Ion Ratio Lower Upper
240 100
120 8.6 7.3 10.9
236 25.1 21.3 31.9



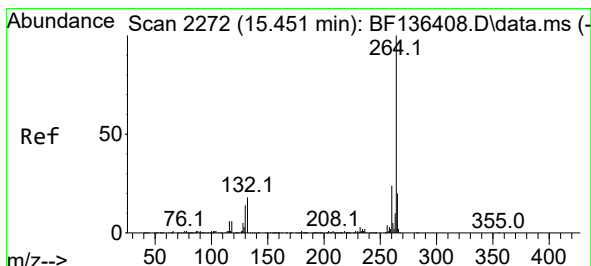
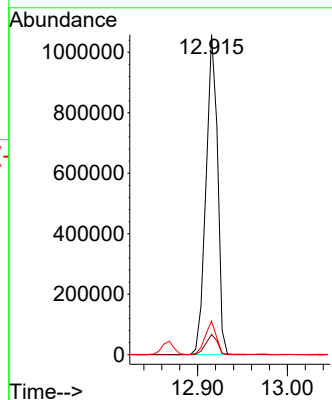
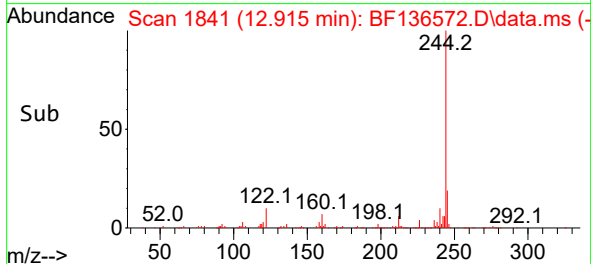


#79
 Terphenyl-d14
 Concen: 62.627 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. 0.006 min
 Lab File: BF136572.D
 Acq: 14 Dec 2023 17:13

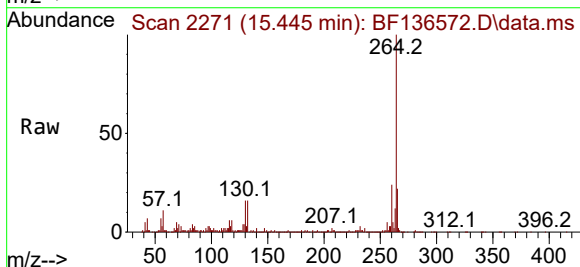
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 945092
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 10.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF136572.D
 Acq: 14 Dec 2023 17:13



Tgt Ion:264 Resp: 234315
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.8 15.9 23.9

