

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133757.D
 Acq On : 14 Jun 2023 18:17
 Operator : CG\JU
 Sample : 03136-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELI-SUB-LD-CON

Quant Time: Jun 15 01:28:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 16:27:59 2023
 Response via : Initial Calibration

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

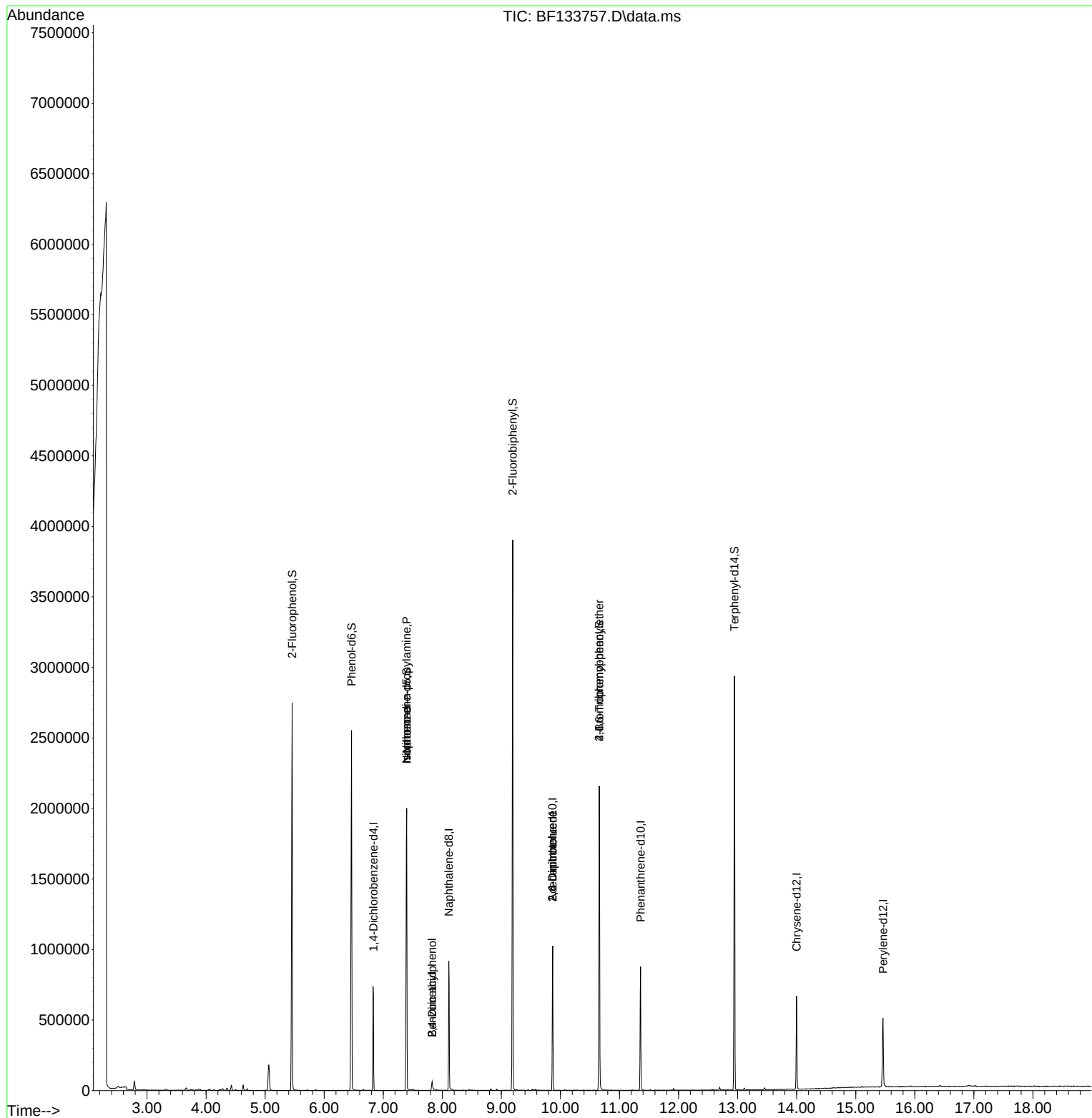
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	101887	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	385126	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	180996	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	307525	20.000	ng	0.00
76) Chrysene-d12	13.998	240	206533	20.000	ng	-0.01
86) Perylene-d12	15.462	264	227021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	700247	119.648	ng	0.01
7) Phenol-d6	6.463	99	791322	103.875	ng	0.00
23) Nitrobenzene-d5	7.398	82	609688	86.226	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	255874	111.682	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1096675	86.131	ng	0.00
79) Terphenyl-d14	12.945	244	997039	74.698	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.398	70	88452	18.249	ng	# 74
25) Isophorone	7.398	82	609680	46.966	ng	# 65
27) 2,4-Dimethylphenol	7.828	122	15410	2.798	ng	# 2
32) Benzoic acid	7.828	122	15410	4.436	ng	95
51) 2,6-Dinitrotoluene	9.869	165	22616	8.110	ng	# 29
57) 2,4-Dinitrotoluene	9.869	165	22616	6.377	ng	# 20
67) 4-Bromophenyl-phenylether	10.657	248	14796	4.311	ng	# 1

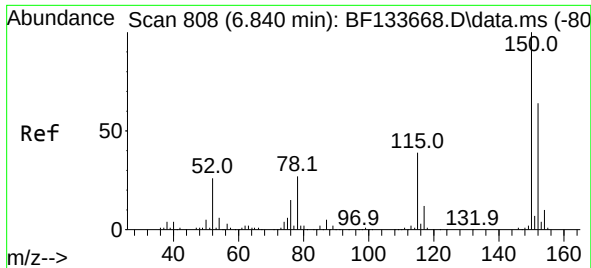
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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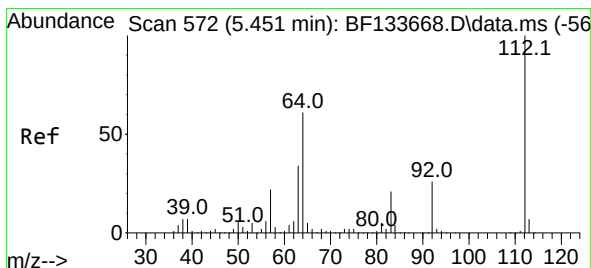
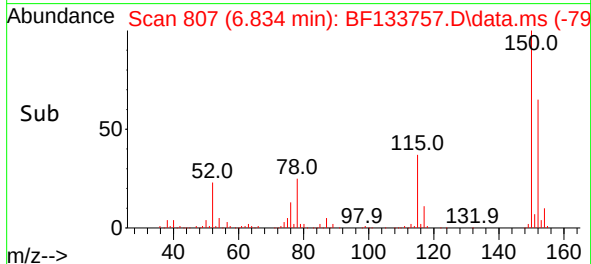
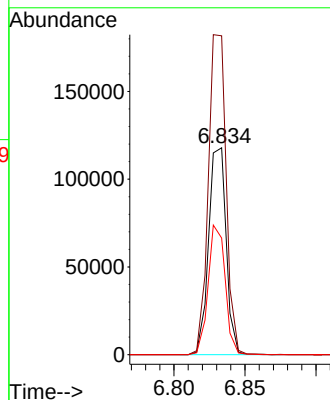
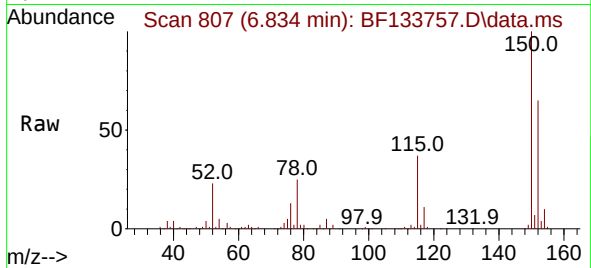




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133757.D
Acq: 14 Jun 2023 18:17

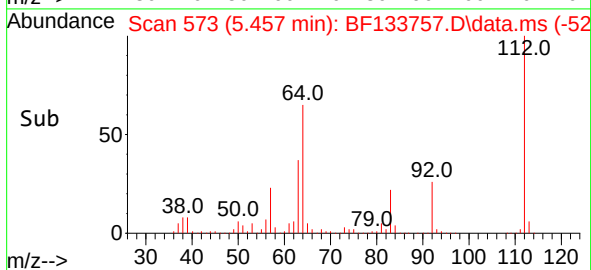
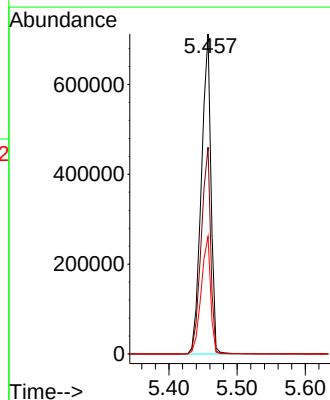
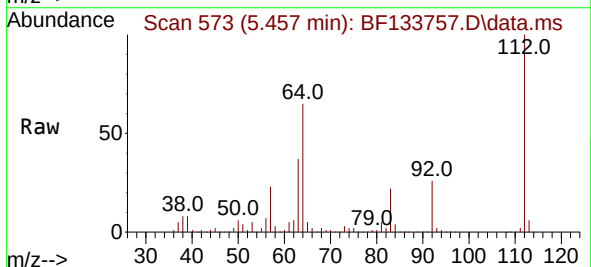
Instrument :
BNA_F
ClientSampleId :
ELI-SUB-LD-CON

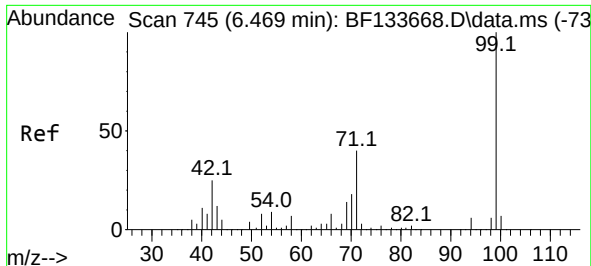
Tgt Ion:152 Resp: 101887
Ion Ratio Lower Upper
152 100
150 154.1 124.3 186.5
115 56.4 48.5 72.7



#5
2-Fluorophenol
Concen: 119.648 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133757.D
Acq: 14 Jun 2023 18:17

Tgt Ion:112 Resp: 700247
Ion Ratio Lower Upper
112 100
64 64.6 49.0 73.4
63 36.7 26.8 40.2

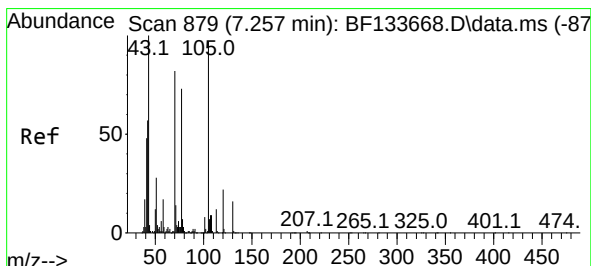
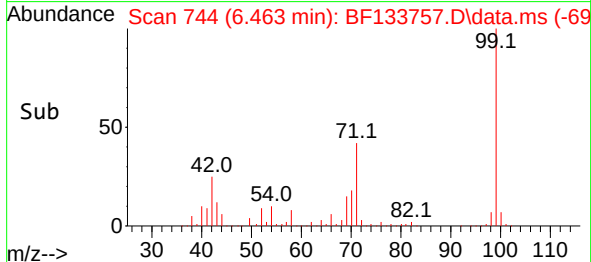
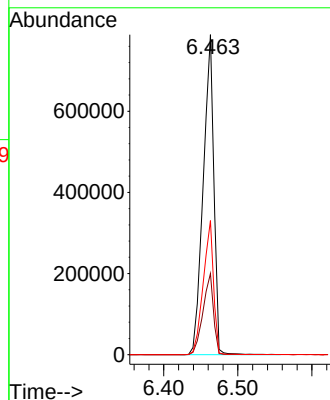
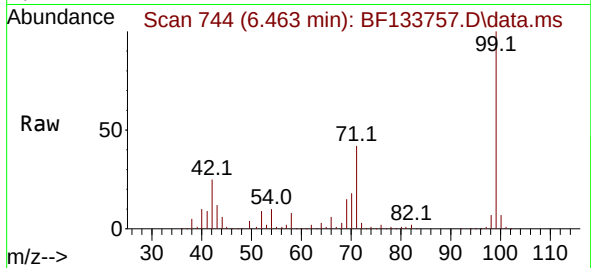




#7
Phenol-d6
Concen: 103.875 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133757.D
Acq: 14 Jun 2023 18:17

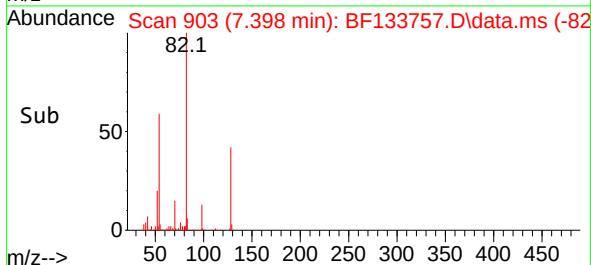
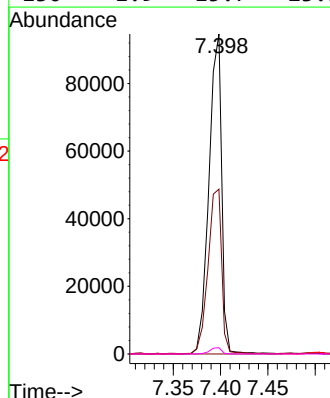
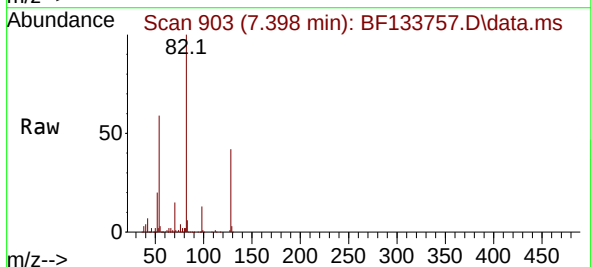
Instrument :
BNA_F
ClientSampleId :
ELI-SUB-LD-CON

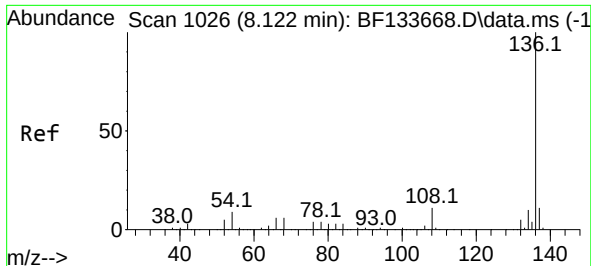
Tgt Ion: 99 Resp: 791322
Ion Ratio Lower Upper
99 100
42 25.3 19.9 29.9
71 41.9 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.249 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF133757.D
Acq: 14 Jun 2023 18:17

Tgt Ion: 70 Resp: 88452
Ion Ratio Lower Upper
70 100
42 51.5 55.8 83.8#
101 0.0 8.1 12.1#
130 1.9 15.7 23.5#

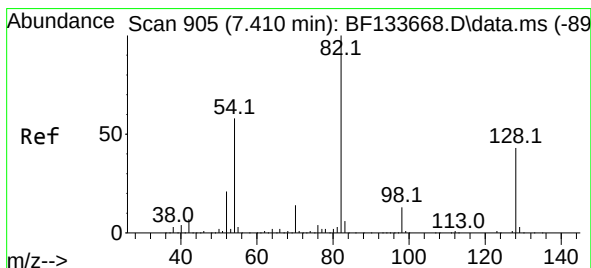
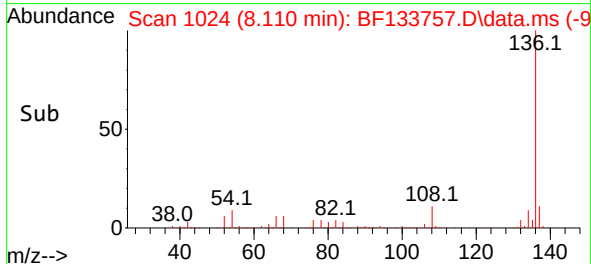
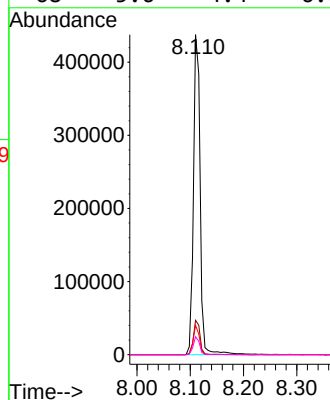
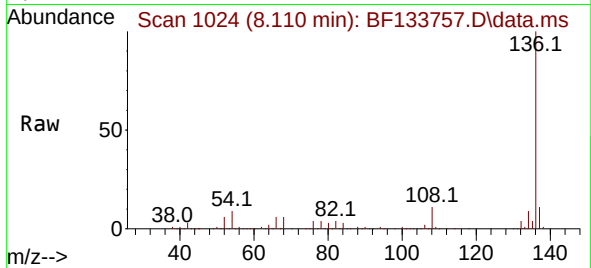




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133757.D
Acq: 14 Jun 2023 18:17

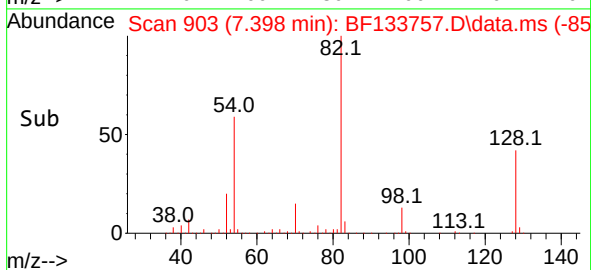
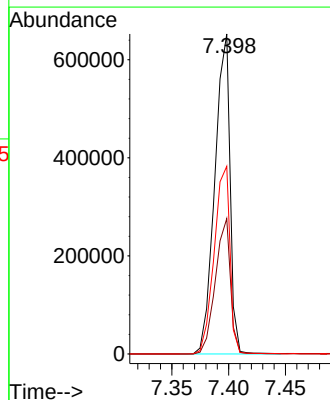
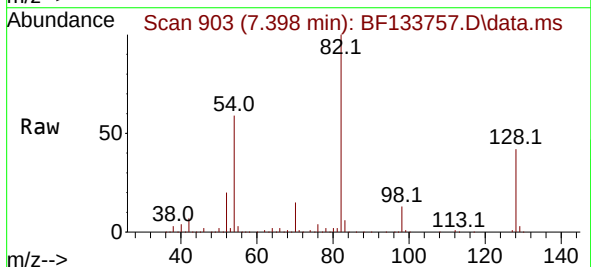
Instrument :
BNA_F
ClientSampleId :
ELI-SUB-LD-CON

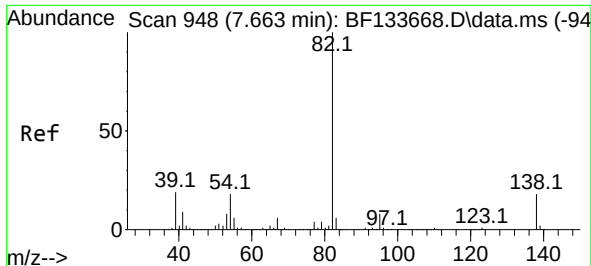
Tgt Ion:136 Resp: 385126
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.2 7.4 11.0
68 5.6 4.4 6.6



#23
Nitrobenzene-d5
Concen: 86.226 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF133757.D
Acq: 14 Jun 2023 18:17

Tgt Ion: 82 Resp: 609688
Ion Ratio Lower Upper
82 100
128 42.3 34.2 51.2
54 58.7 46.5 69.7

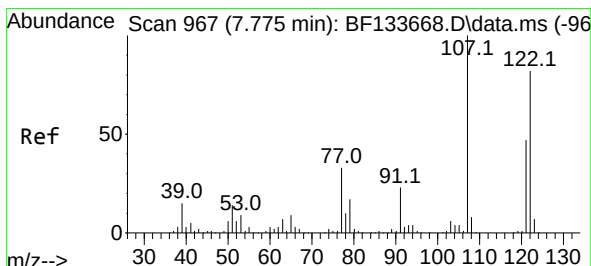
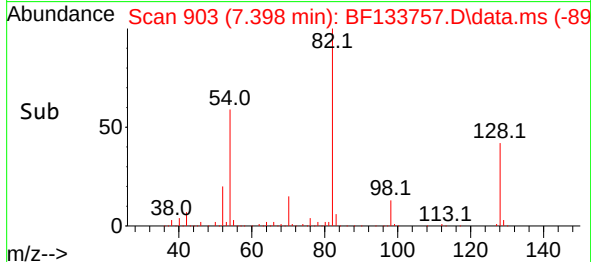
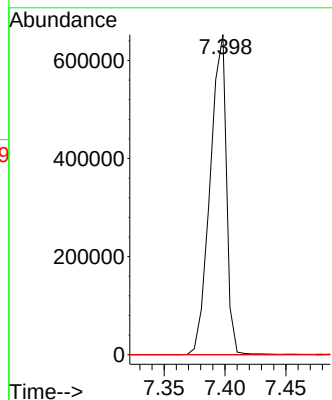
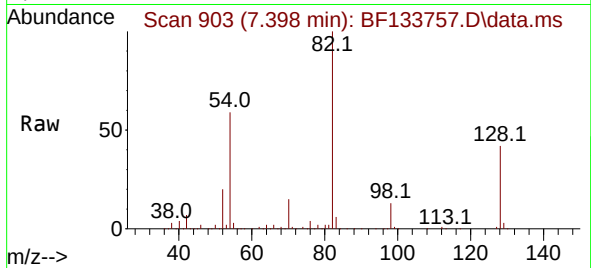




#25
Isophorone
Concen: 46.966 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133757.D
Acq: 14 Jun 2023 18:17

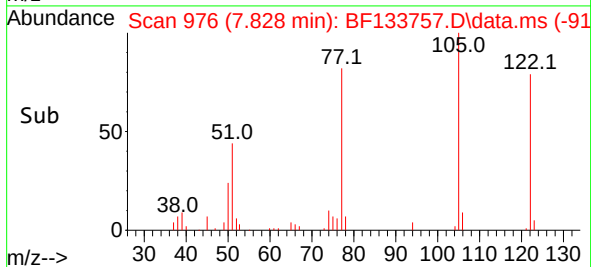
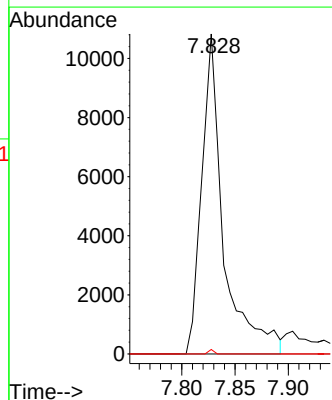
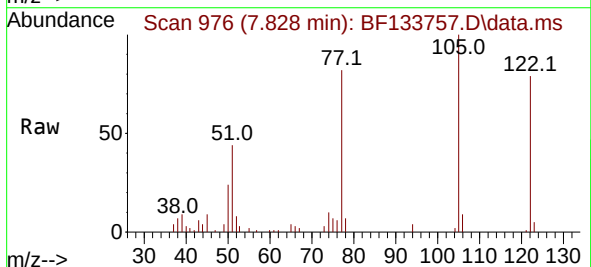
Instrument :
BNA_F
ClientSampleId :
ELI-SUB-LD-CON

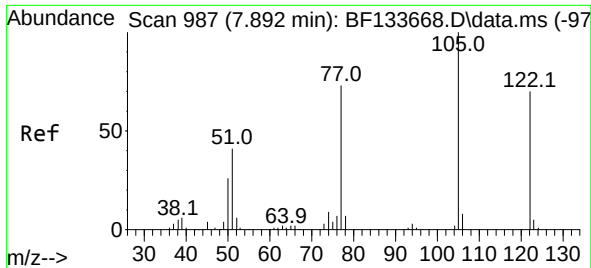
Tgt Ion: 82 Resp: 609680
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#27
2,4-Dimethylphenol
Concen: 2.798 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.059 min
Lab File: BF133757.D
Acq: 14 Jun 2023 18:17

Tgt Ion: 122 Resp: 15410
Ion Ratio Lower Upper
122 100
107 0.0 97.8 146.6#
121 1.4 46.1 69.1#

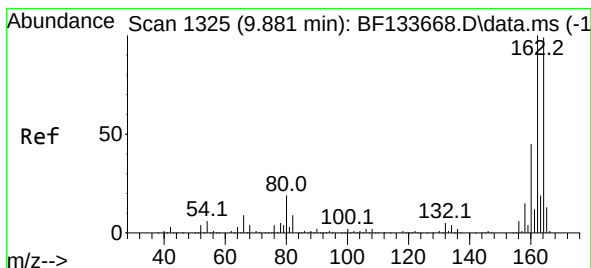
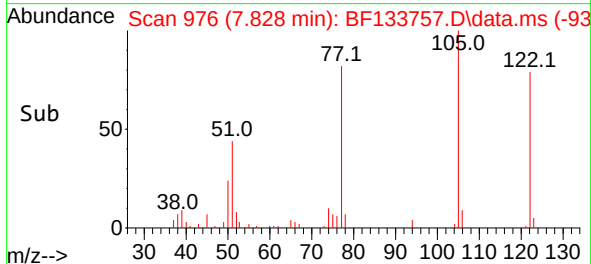
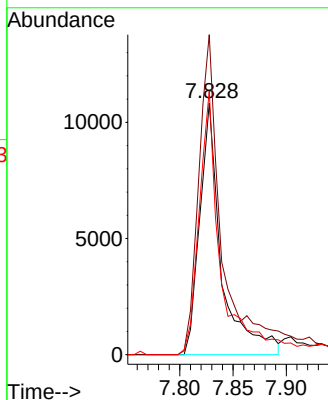
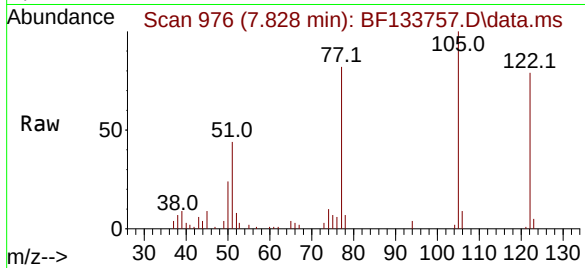




#32
Benzoic acid
Concen: 4.436 ng
RT: 7.828 min Scan# 91
Delta R.T. -0.059 min
Lab File: BF133757.D
Acq: 14 Jun 2023 18:17

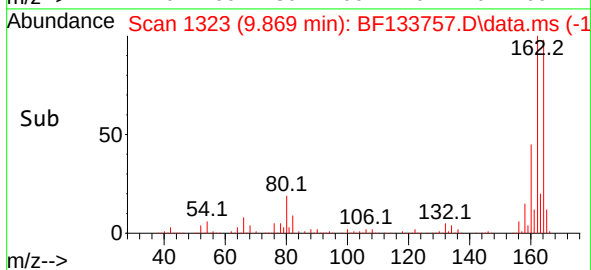
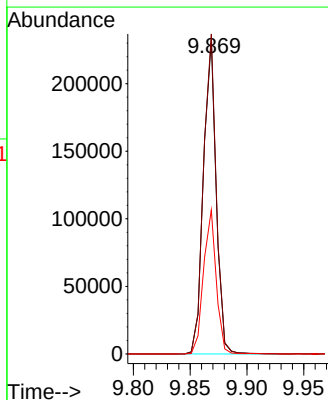
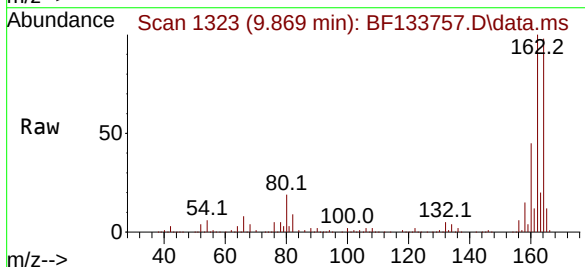
Instrument :
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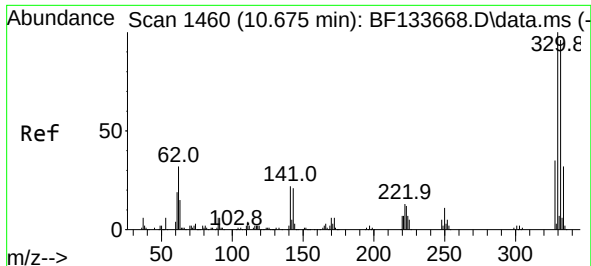
Tgt Ion:122 Resp: 15410
Ion Ratio Lower Upper
122 100
105 127.2 116.3 156.3
77 104.9 82.4 122.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF133757.D
Acq: 14 Jun 2023 18:17

Tgt Ion:164 Resp: 180996
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 45.9 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 111.682 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.012 min

Lab File: BF133757.D

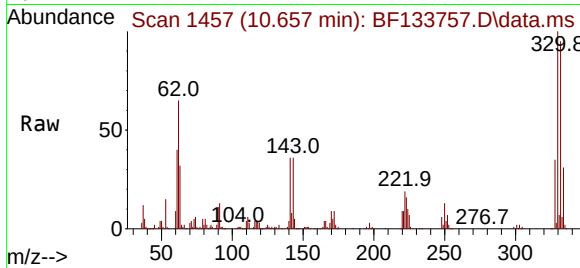
Acq: 14 Jun 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ELI-SUB-LD-CON



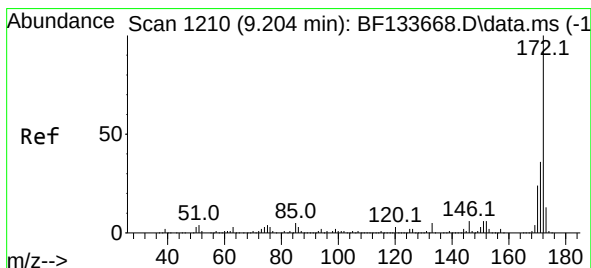
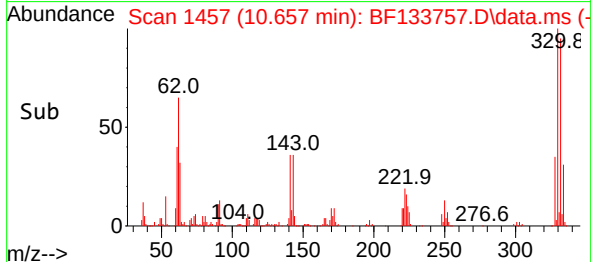
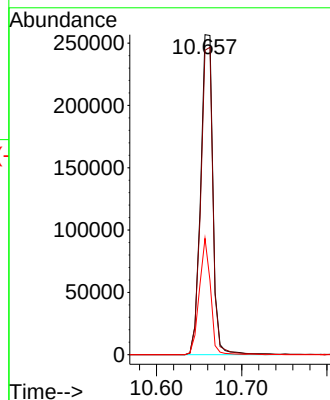
Tgt Ion:330 Resp: 255874

Ion Ratio Lower Upper

330 100

332 95.8 77.2 115.8

141 33.0 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 86.131 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF133757.D

Acq: 14 Jun 2023 18:17

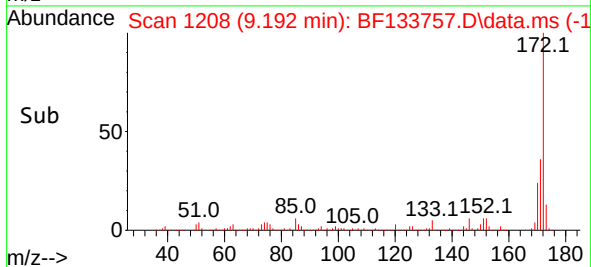
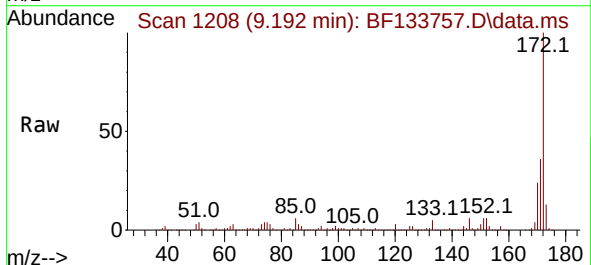
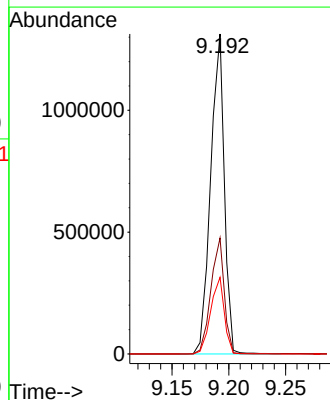
Tgt Ion:172 Resp: 1096675

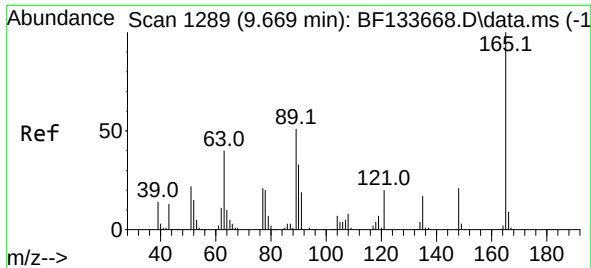
Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

170 24.0 19.1 28.7

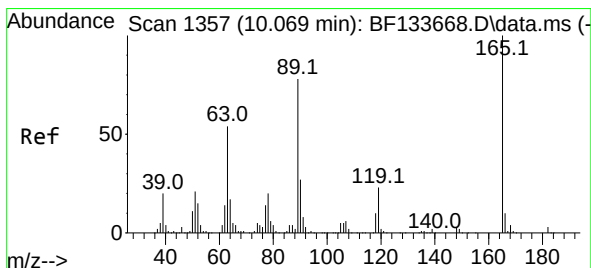
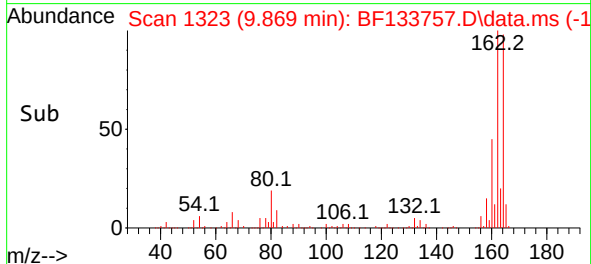
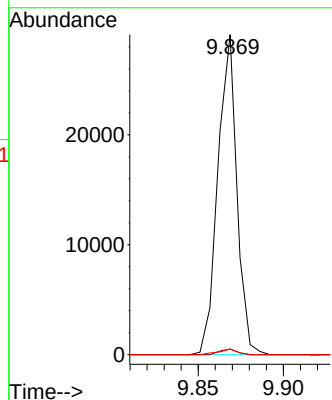
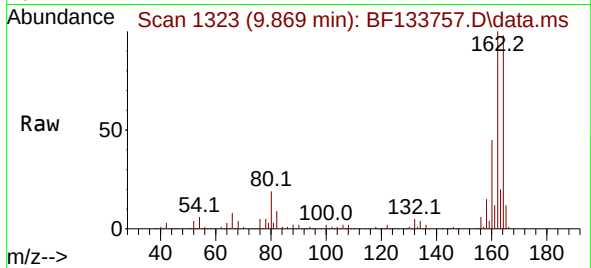




#51
2,6-Dinitrotoluene
Concen: 8.110 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133757.D
Acq: 14 Jun 2023 18:17

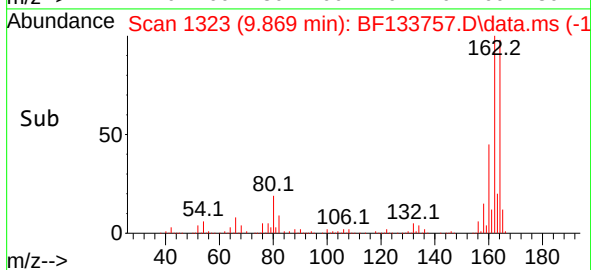
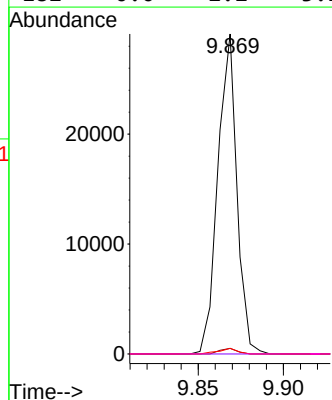
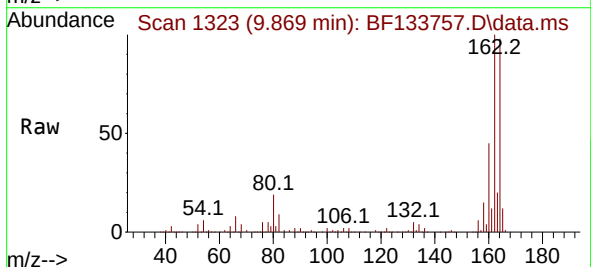
Instrument :
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ELI-SUB-LD-CON

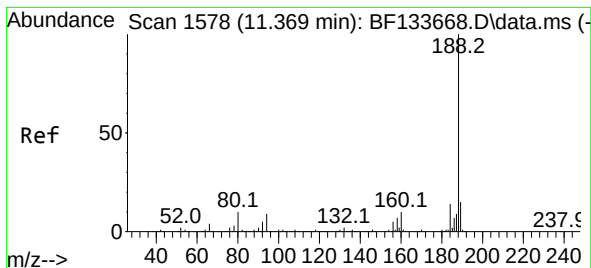
Tgt Ion:165 Resp: 22616
Ion Ratio Lower Upper
165 100
63 1.7 42.1 63.1#
89 1.8 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.377 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF133757.D
Acq: 14 Jun 2023 18:17

Tgt Ion:165 Resp: 22616
Ion Ratio Lower Upper
165 100
63 1.7 43.0 64.6#
89 1.8 62.6 93.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133757.D

Acq: 14 Jun 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ELI-SUB-LD-CON

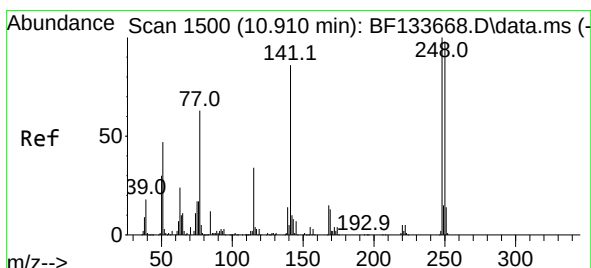
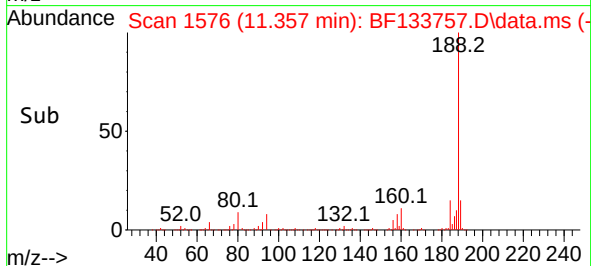
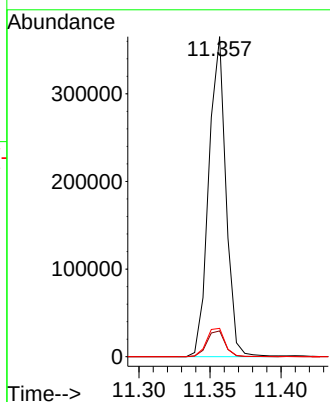
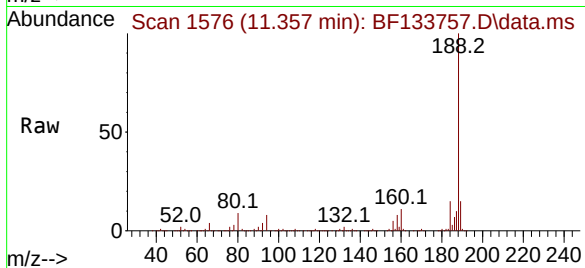
Tgt Ion:188 Resp: 307525

Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

80 8.8 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 4.311 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF133757.D

Acq: 14 Jun 2023 18:17

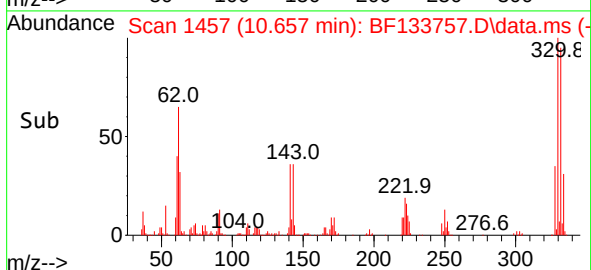
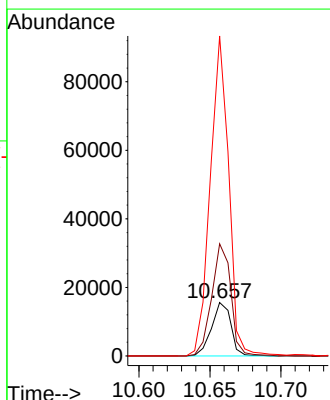
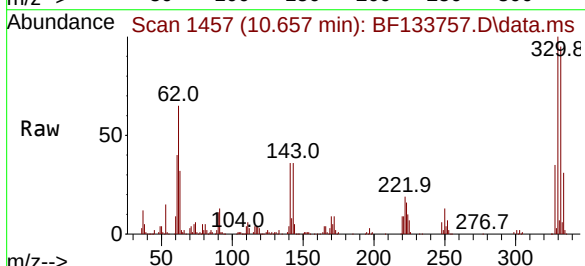
Tgt Ion:248 Resp: 14796

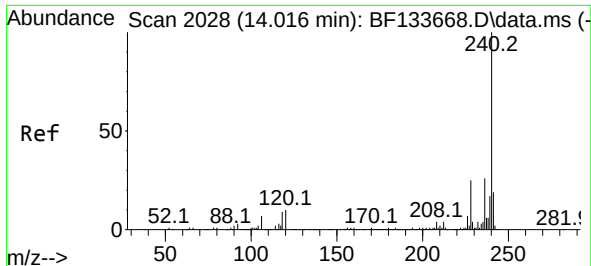
Ion Ratio Lower Upper

248 100

250 209.5 78.3 117.5#

141 597.8 69.0 103.6#

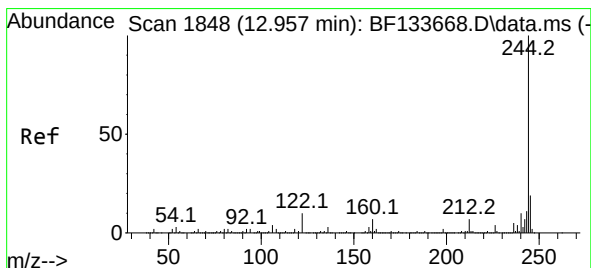
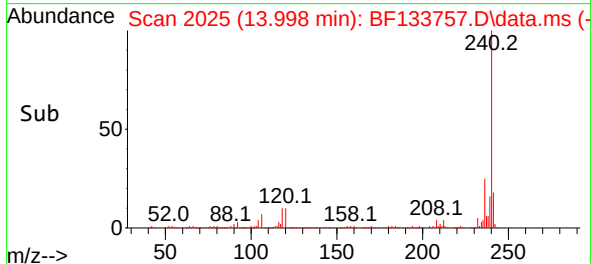
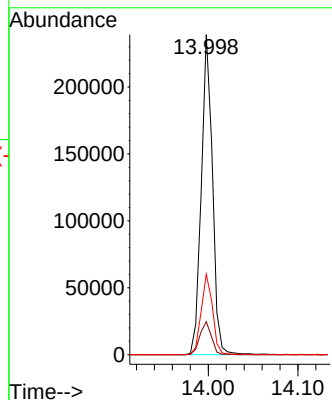
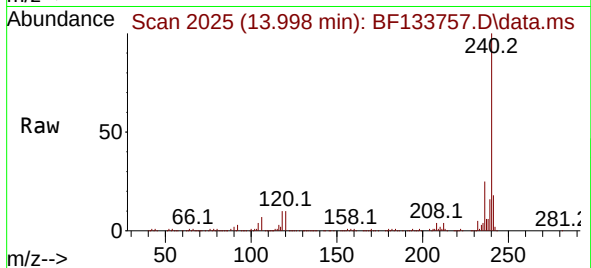




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF133757.D
Acq: 14 Jun 2023 18:17

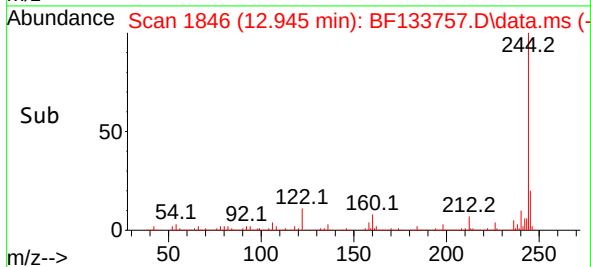
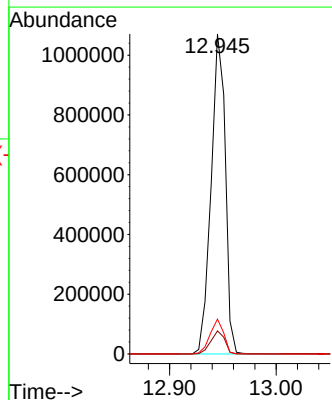
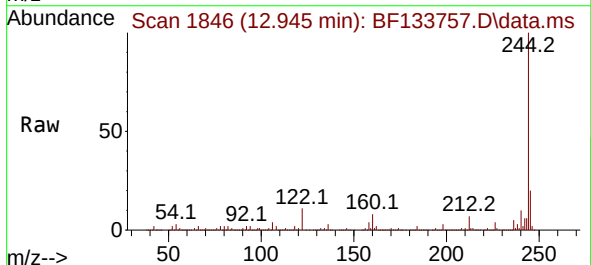
Instrument :
BNA_F
ClientSampleId :
ELI-SUB-LD-CON

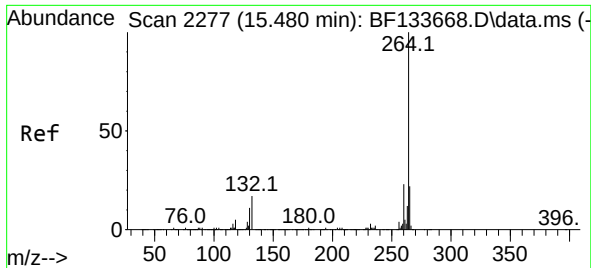
Tgt Ion:240 Resp: 206533
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 25.1 20.5 30.7



#79
Terphenyl-d14
Concen: 74.698 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BF133757.D
Acq: 14 Jun 2023 18:17

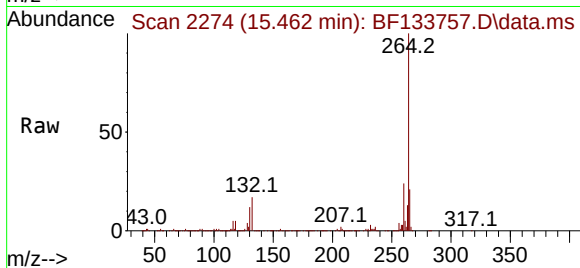
Tgt Ion:244 Resp: 997039
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.9 8.1 12.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF133757.D
 Acq: 14 Jun 2023 18:17

Instrument :
 BNA_F
 ClientSampleId :
 ELI-SUB-LD-CON



Tgt Ion:264 Resp: 227021
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.2 27.2
 265 21.2 17.8 26.6

