

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130573.D
 Acq On : 07 Oct 2022 12:51
 Operator : CG\JU
 Sample : N5009-02DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 006-4DL

Quant Time: Oct 10 01:42:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

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

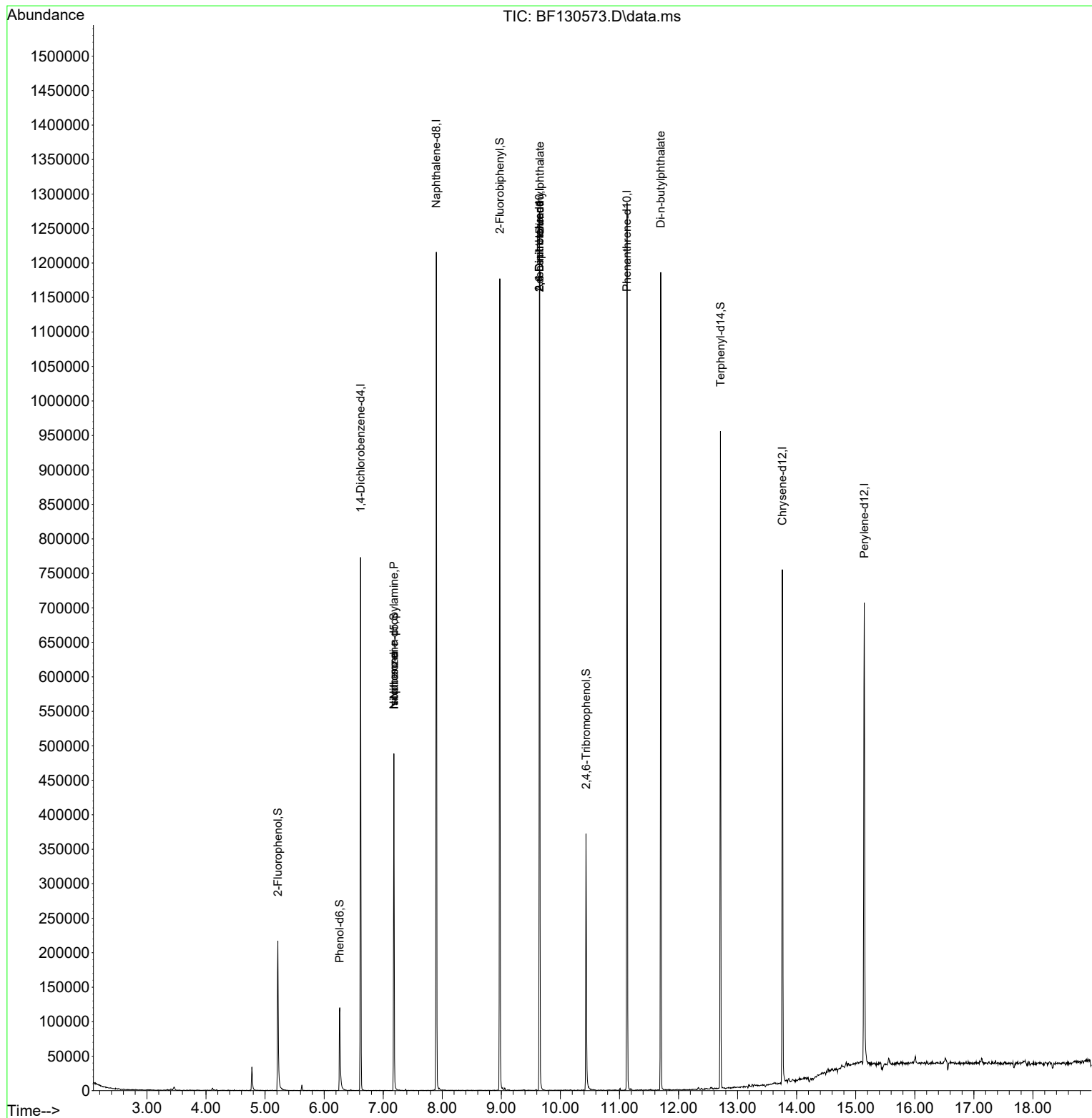
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	101492	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	478255	20.000	ng	0.00
39) Acenaphthene-d10	9.645	164	260613	20.000	ng	0.00
64) Phenanthrene-d10	11.128	188	412588	20.000	ng	0.00
76) Chrysene-d12	13.757	240	240997	20.000	ng	0.00
86) Perylene-d12	15.145	264	270933	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	69866	11.940	ng	0.00
7) Phenol-d6	6.263	99	53462	7.302	ng	0.00
23) Nitrobenzene-d5	7.181	82	136452	14.576	ng	-0.01
42) 2,4,6-Tribromophenol	10.433	330	41904	16.781	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	314002	17.545	ng	0.00
79) Terphenyl-d14	12.710	244	279274	19.196	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.181	70	17938	3.631	ng	# 73
25) Isophorone	7.181	82	136449	9.043	ng	# 66
50) Dimethylphthalate	9.651	163	47786	2.654	ng	# 1
51) 2,6-Dinitrotoluene	9.645	165	33785	8.974	ng	# 16
57) 2,4-Dinitrotoluene	9.645	165	33785	7.022	ng	# 16
74) Di-n-butylphthalate	11.698	149	578148	23.765	ng	99

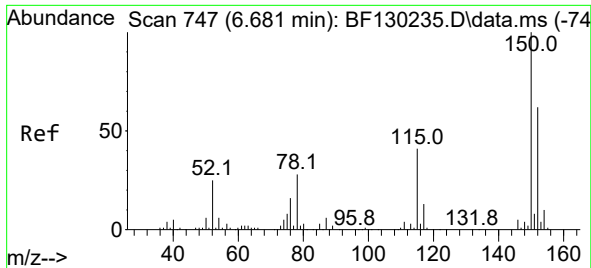
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 07 02:06:46 2022
Response via : Initial Calibration

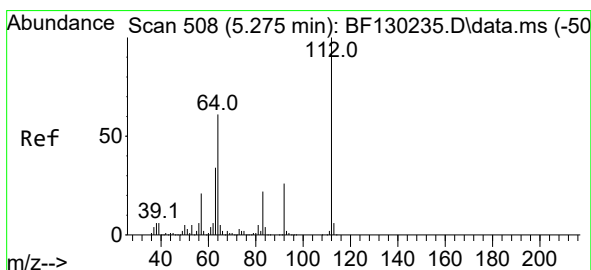
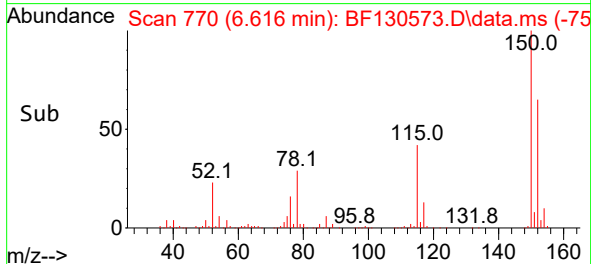
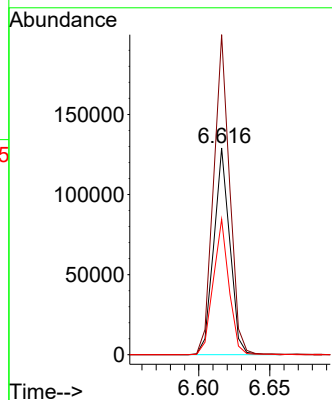
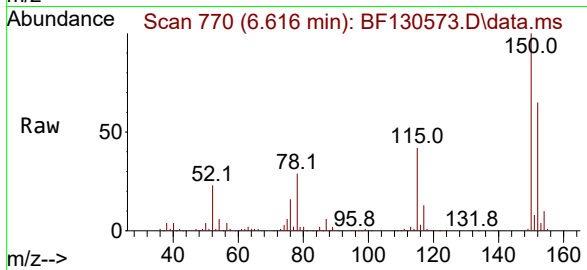




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.616 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130573.D
 Acq: 07 Oct 2022 12:51

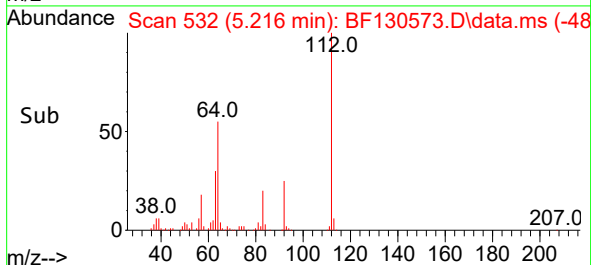
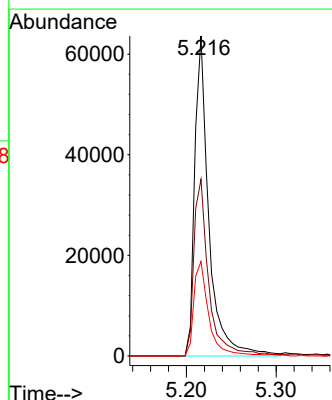
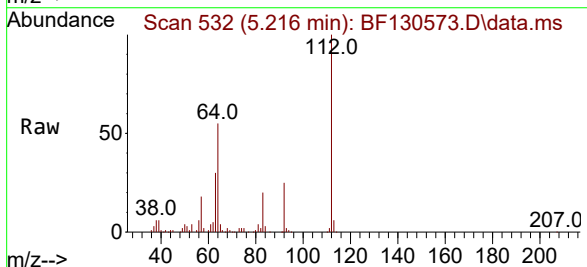
Instrument :
 BNA_F
 ClientSampleId :
 006-4DL

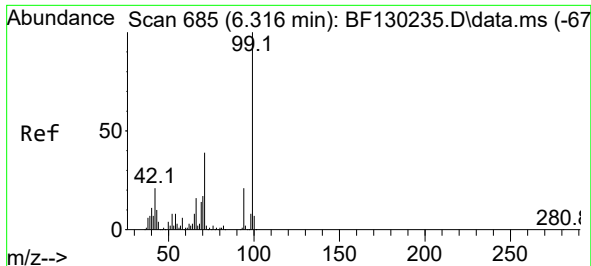
Tgt Ion:152 Resp: 101492
 Ion Ratio Lower Upper
 152 100
 150 154.8 122.8 184.2
 115 65.6 53.8 80.8



#5
 2-Fluorophenol
 Concen: 11.940 ng
 RT: 5.216 min Scan# 532
 Delta R.T. 0.000 min
 Lab File: BF130573.D
 Acq: 07 Oct 2022 12:51

Tgt Ion:112 Resp: 69866
 Ion Ratio Lower Upper
 112 100
 64 55.2 51.4 77.0
 63 29.5 28.8 43.2

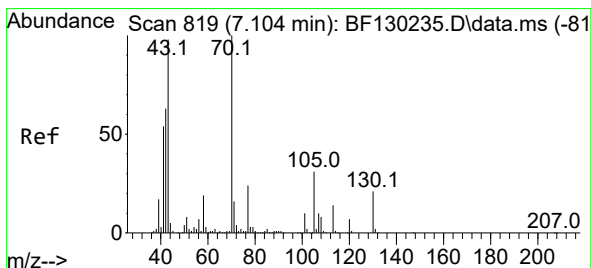
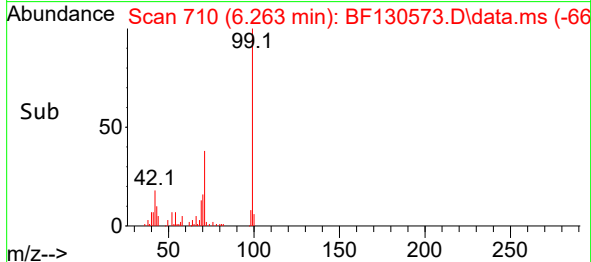
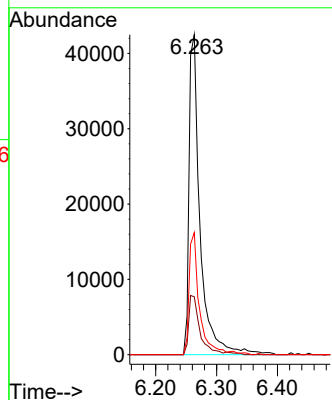
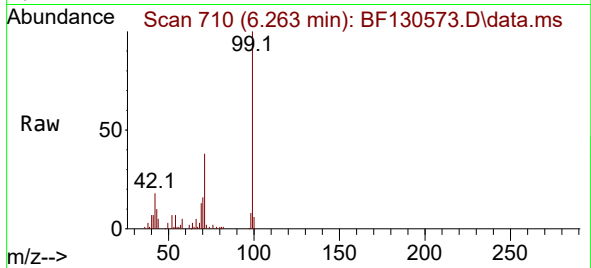




#7
Phenol-d6
Concen: 7.302 ng
RT: 6.263 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130573.D
Acq: 07 Oct 2022 12:51

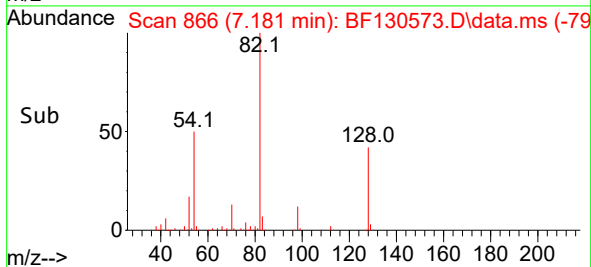
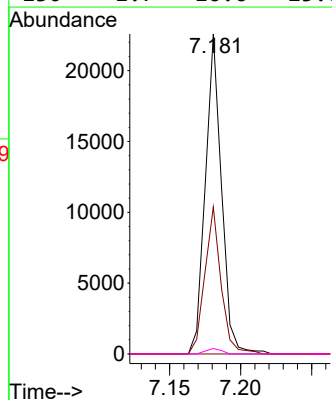
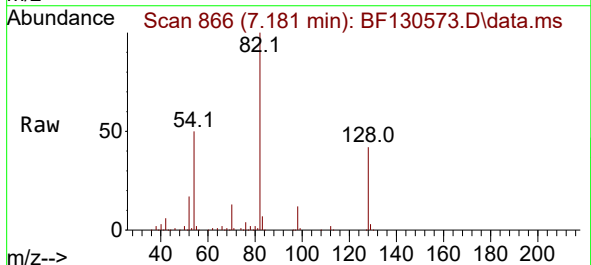
Instrument :
BNA_F
ClientSampleId :
006-4DL

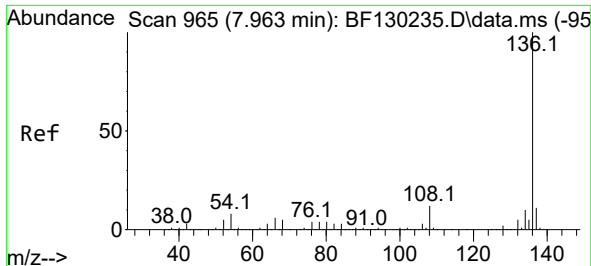
Tgt Ion: 99 Resp: 53462
Ion Ratio Lower Upper
99 100
42 18.1 17.0 25.6
71 38.2 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 3.631 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.135 min
Lab File: BF130573.D
Acq: 07 Oct 2022 12:51

Tgt Ion: 70 Resp: 17938
Ion Ratio Lower Upper
70 100
42 45.9 50.8 76.2#
101 0.0 8.2 12.4#
130 1.7 16.6 25.0#

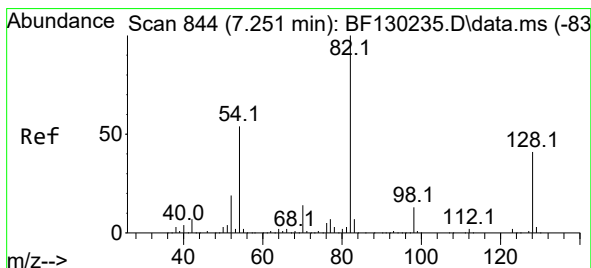
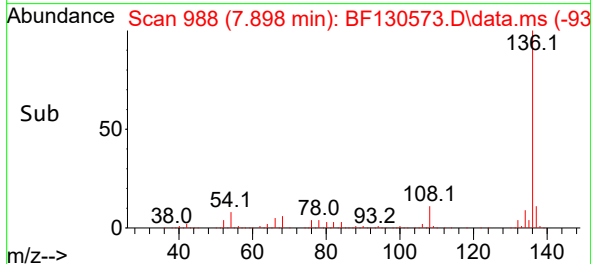
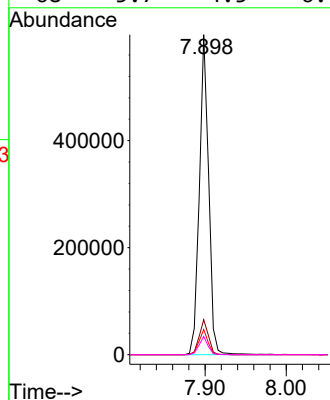
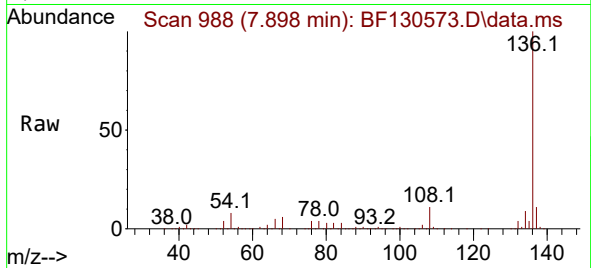




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130573.D
Acq: 07 Oct 2022 12:51

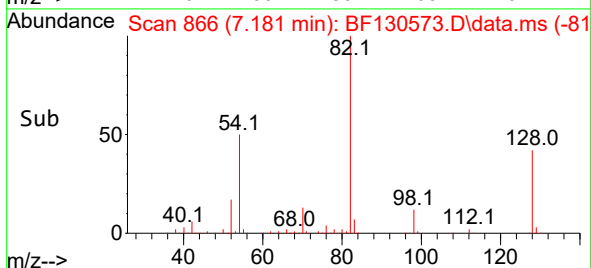
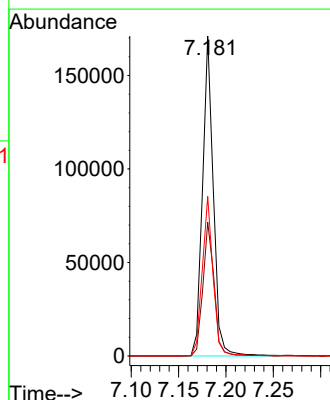
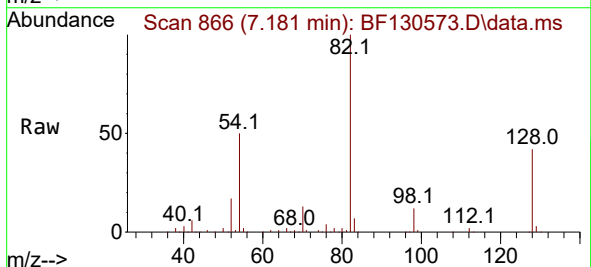
Instrument :
BNA_F
ClientSampleId :
006-4DL

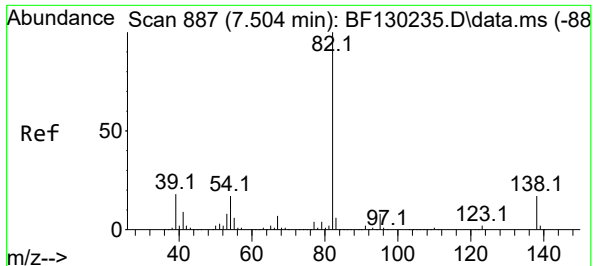
Tgt Ion:136 Resp: 478255
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.8 7.1 10.7
68 5.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 14.576 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF130573.D
Acq: 07 Oct 2022 12:51

Tgt Ion: 82 Resp: 136452
Ion Ratio Lower Upper
82 100
128 41.8 32.6 49.0
54 49.8 43.8 65.6

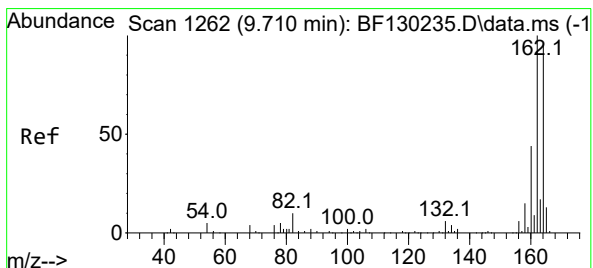
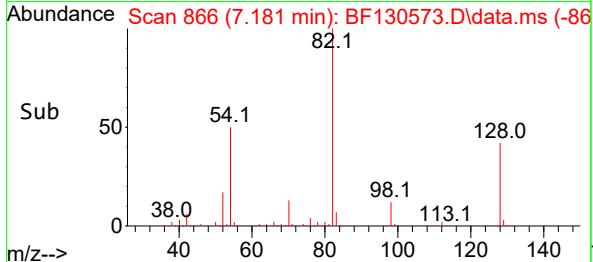
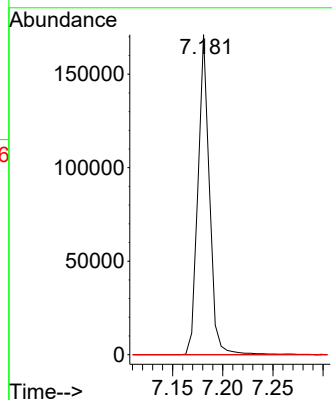
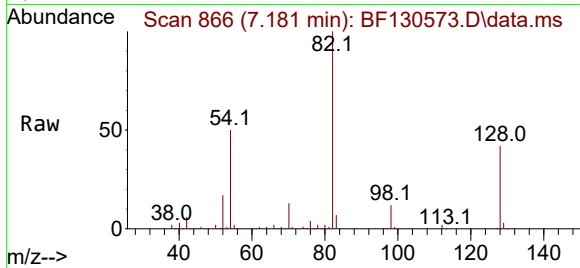




#25
Isophorone
Concen: 9.043 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF130573.D
Acq: 07 Oct 2022 12:51

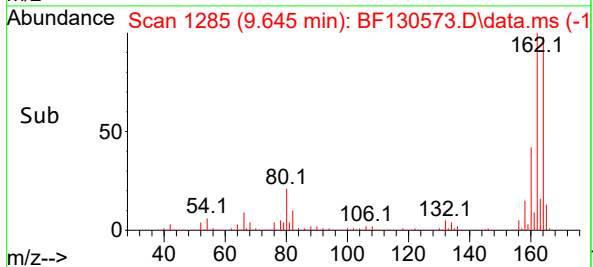
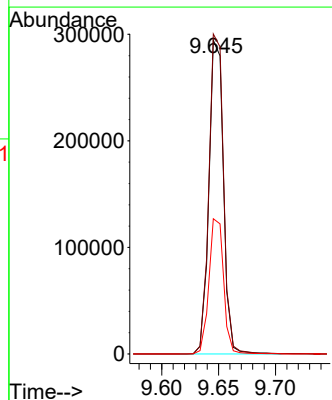
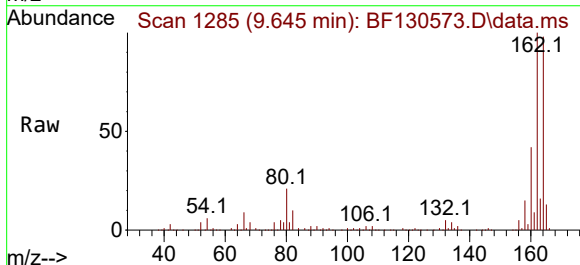
Instrument :
BNA_F
ClientSampleId :
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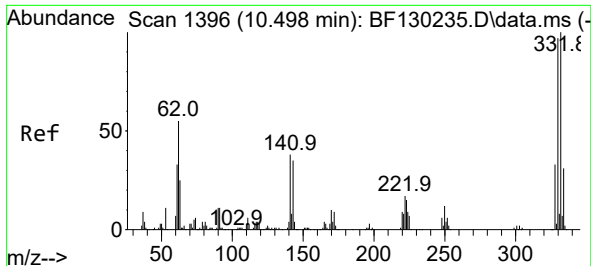
Tgt Ion: 82 Resp: 136449
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF130573.D
Acq: 07 Oct 2022 12:51

Tgt Ion: 164 Resp: 260613
Ion Ratio Lower Upper
164 100
162 102.0 81.4 122.0
160 43.1 36.2 54.4

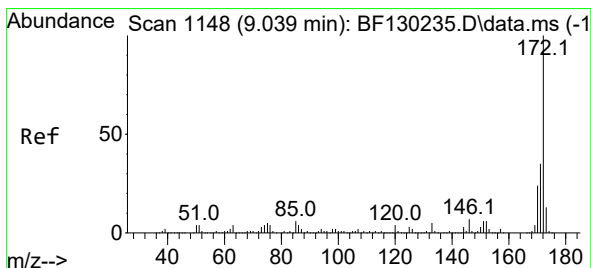
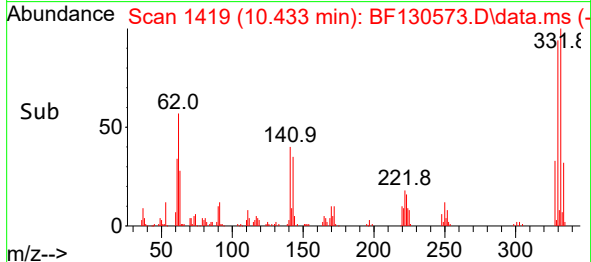
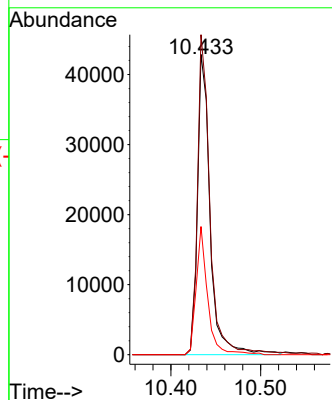
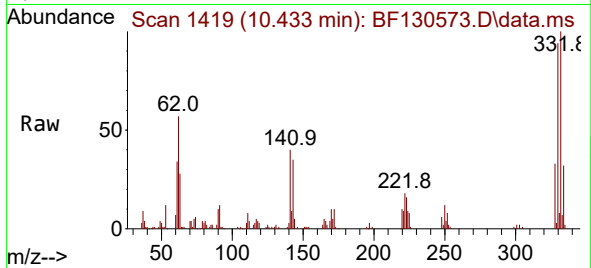




#42
2,4,6-Tribromophenol
Concen: 16.781 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF130573.D
Acq: 07 Oct 2022 12:51

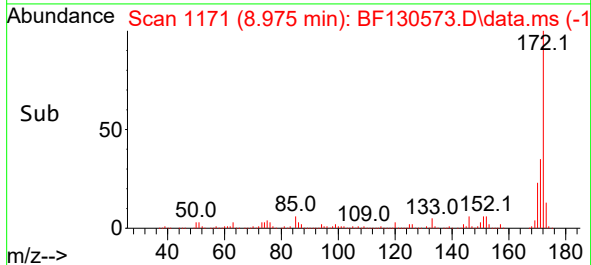
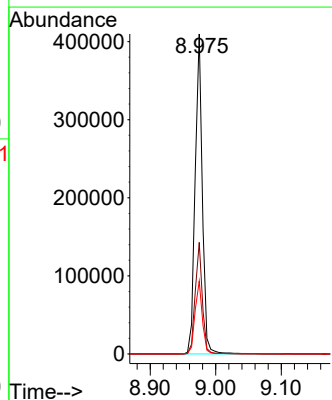
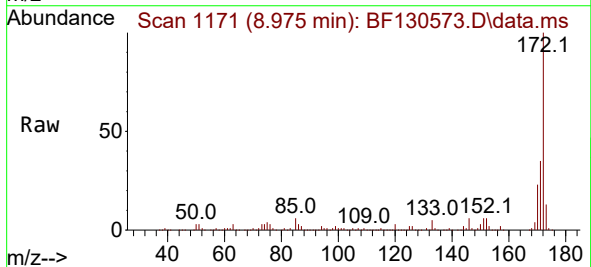
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ClientSampleId :
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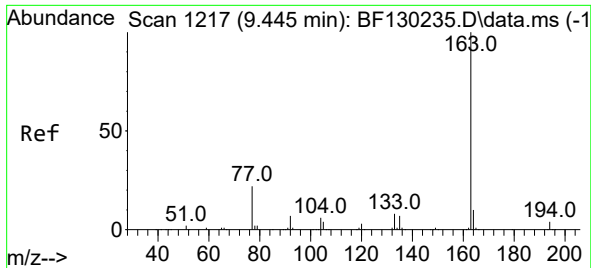
Tgt Ion:330 Resp: 41904
Ion Ratio Lower Upper
330 100
332 105.7 83.4 125.2
141 38.7 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 17.545 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF130573.D
Acq: 07 Oct 2022 12:51

Tgt Ion:172 Resp: 314002
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 22.7 18.7 28.1

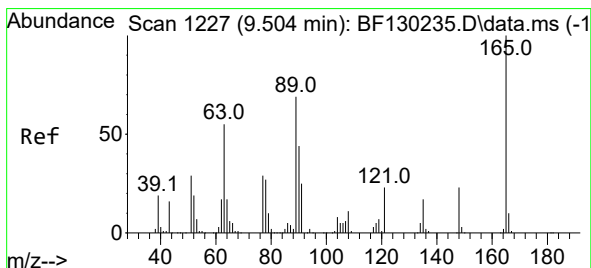
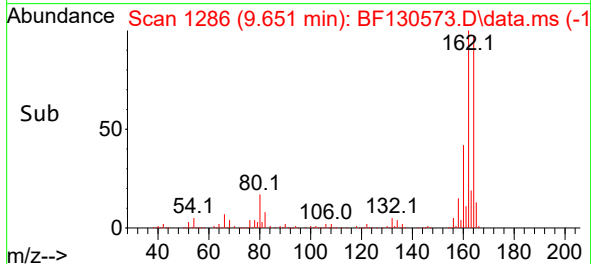
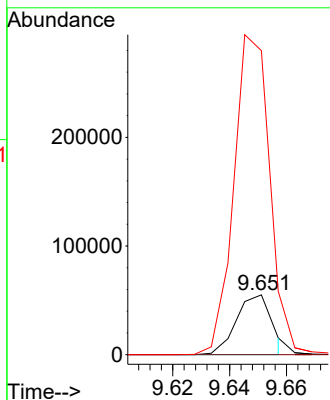
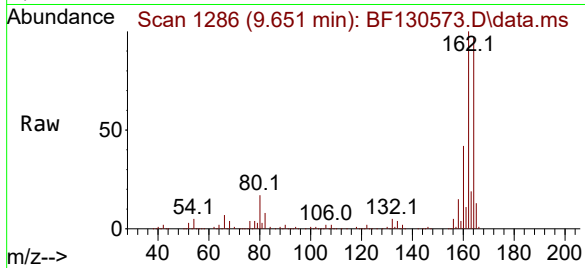




#50
Dimethylphthalate
Concen: 2.654 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.265 min
Lab File: BF130573.D
Acq: 07 Oct 2022 12:51

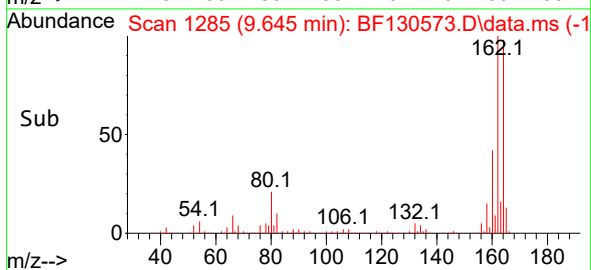
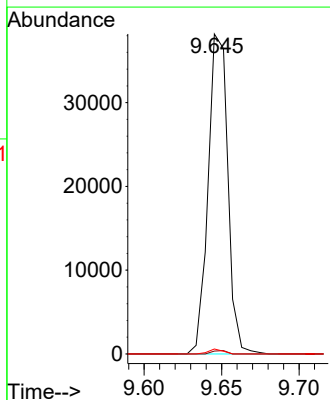
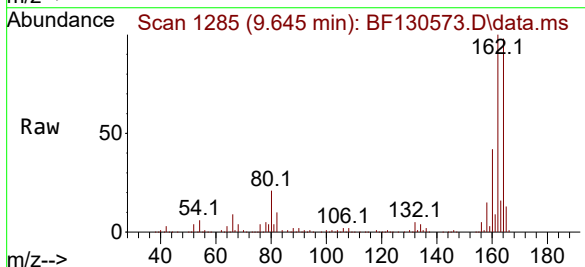
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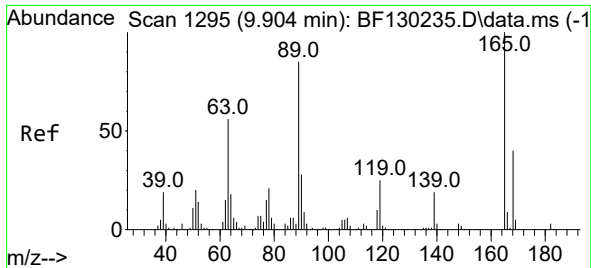
Tgt Ion:163 Resp: 47786
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 507.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.974 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.194 min
Lab File: BF130573.D
Acq: 07 Oct 2022 12:51

Tgt Ion:165 Resp: 33785
Ion Ratio Lower Upper
165 100
63 0.9 58.8 88.2#
89 1.6 54.5 81.7#

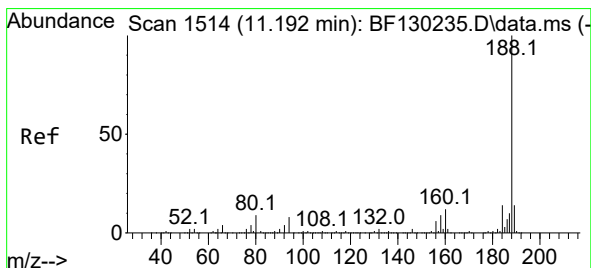
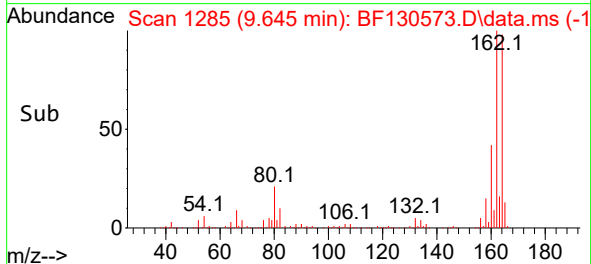
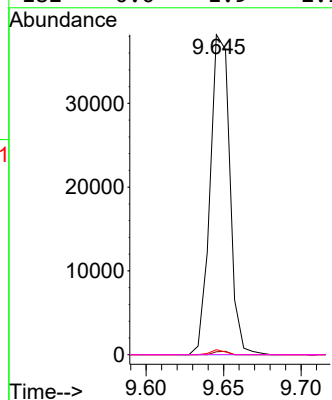
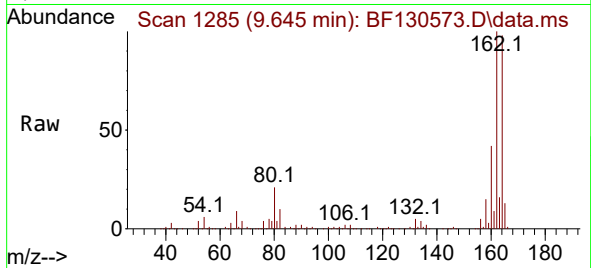




#57
2,4-Dinitrotoluene
Concen: 7.022 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130573.D
Acq: 07 Oct 2022 12:51

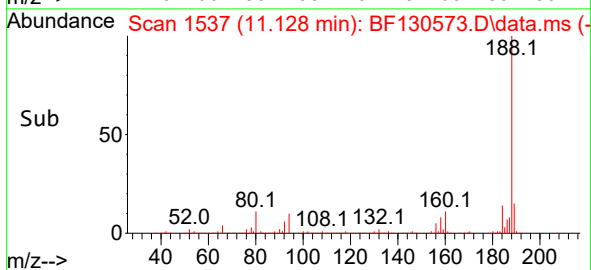
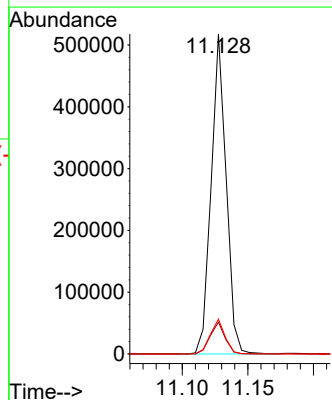
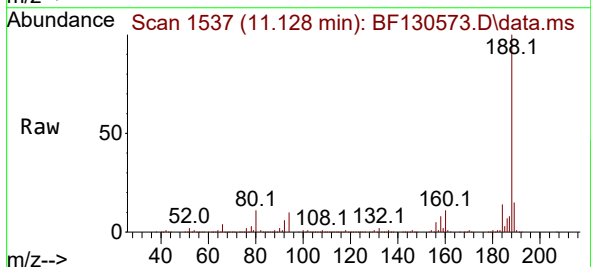
Instrument :
BNA_F
ClientSampleId :
006-4DL

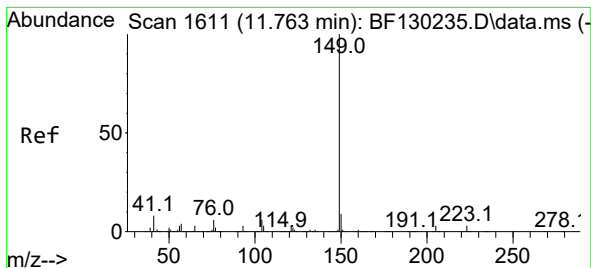
Tgt Ion:165 Resp: 33785
Ion Ratio Lower Upper
165 100
63 0.9 44.7 67.1#
89 1.6 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.128 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BF130573.D
Acq: 07 Oct 2022 12:51

Tgt Ion:188 Resp: 412588
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 10.9 7.9 11.9





#74

Di-n-butylphthalate

Concen: 23.765 ng

RT: 11.698 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130573.D

Acq: 07 Oct 2022 12:51

Instrument :

BNA_F

ClientSampleId :

006-4DL

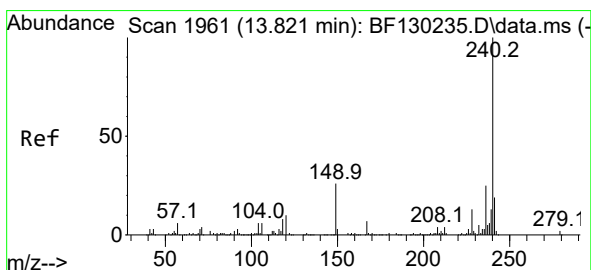
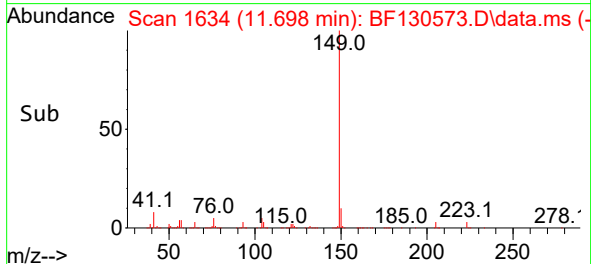
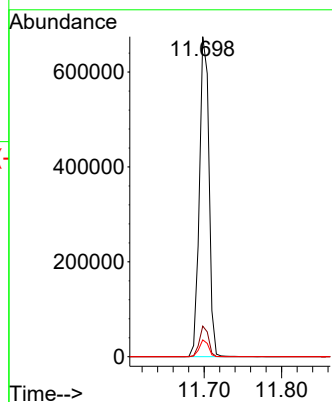
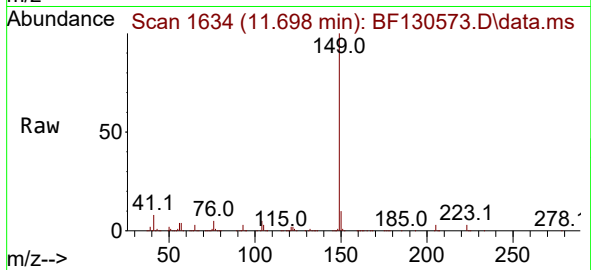
Tgt Ion:149 Resp: 578148

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 5.3 4.8 7.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.757 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BF130573.D

Acq: 07 Oct 2022 12:51

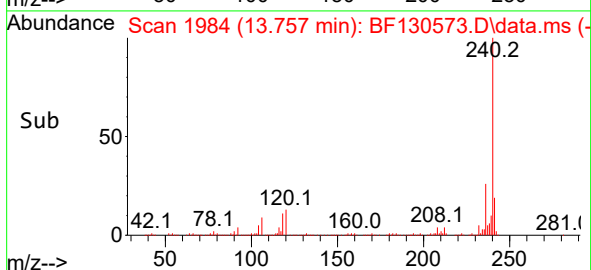
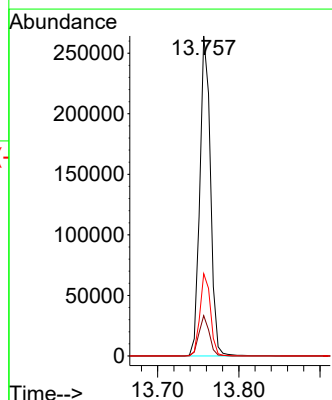
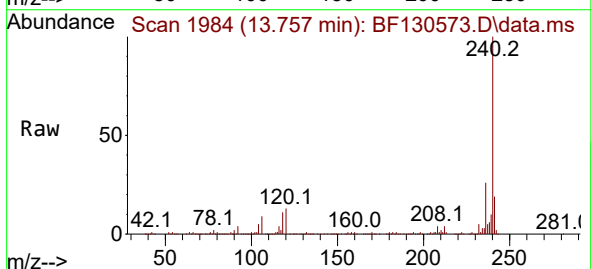
Tgt Ion:240 Resp: 240997

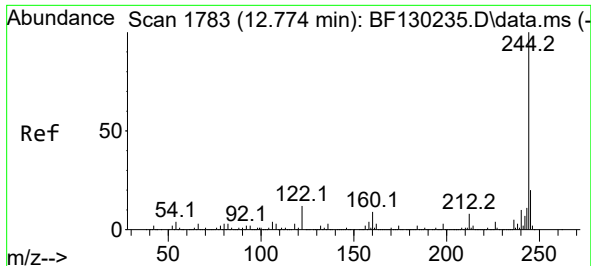
Ion Ratio Lower Upper

240 100

120 12.6 8.7 13.1

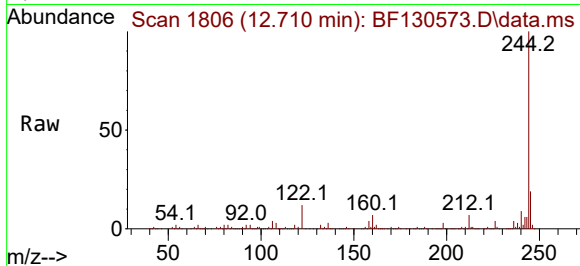
236 25.7 20.9 31.3



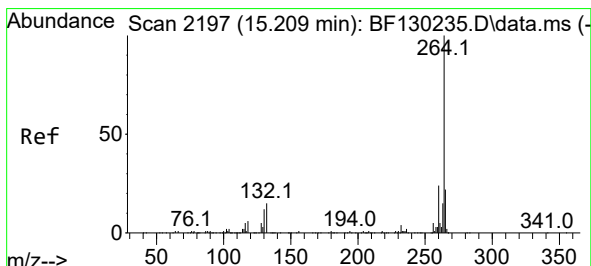
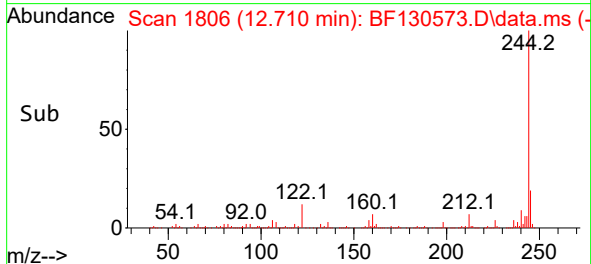
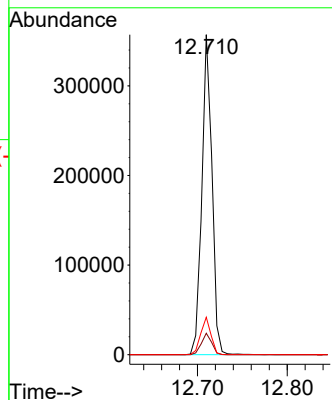


#79
 Terphenyl-d14
 Concen: 19.196 ng
 RT: 12.710 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130573.D
 Acq: 07 Oct 2022 12:51

Instrument :
 BNA_F
 ClientSampleId :
 006-4DL



Tgt Ion:244 Resp: 279274
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 11.7 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.145 min Scan# 2220
 Delta R.T. 0.000 min
 Lab File: BF130573.D
 Acq: 07 Oct 2022 12:51

Tgt Ion:264 Resp: 270933
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 22.1 17.0 25.4

