

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF131012.D
 Acq On : 05 Nov 2022 02:51
 Operator : CG\JU
 Sample : N5430-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 185465

Quant Time: Nov 05 03:51:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

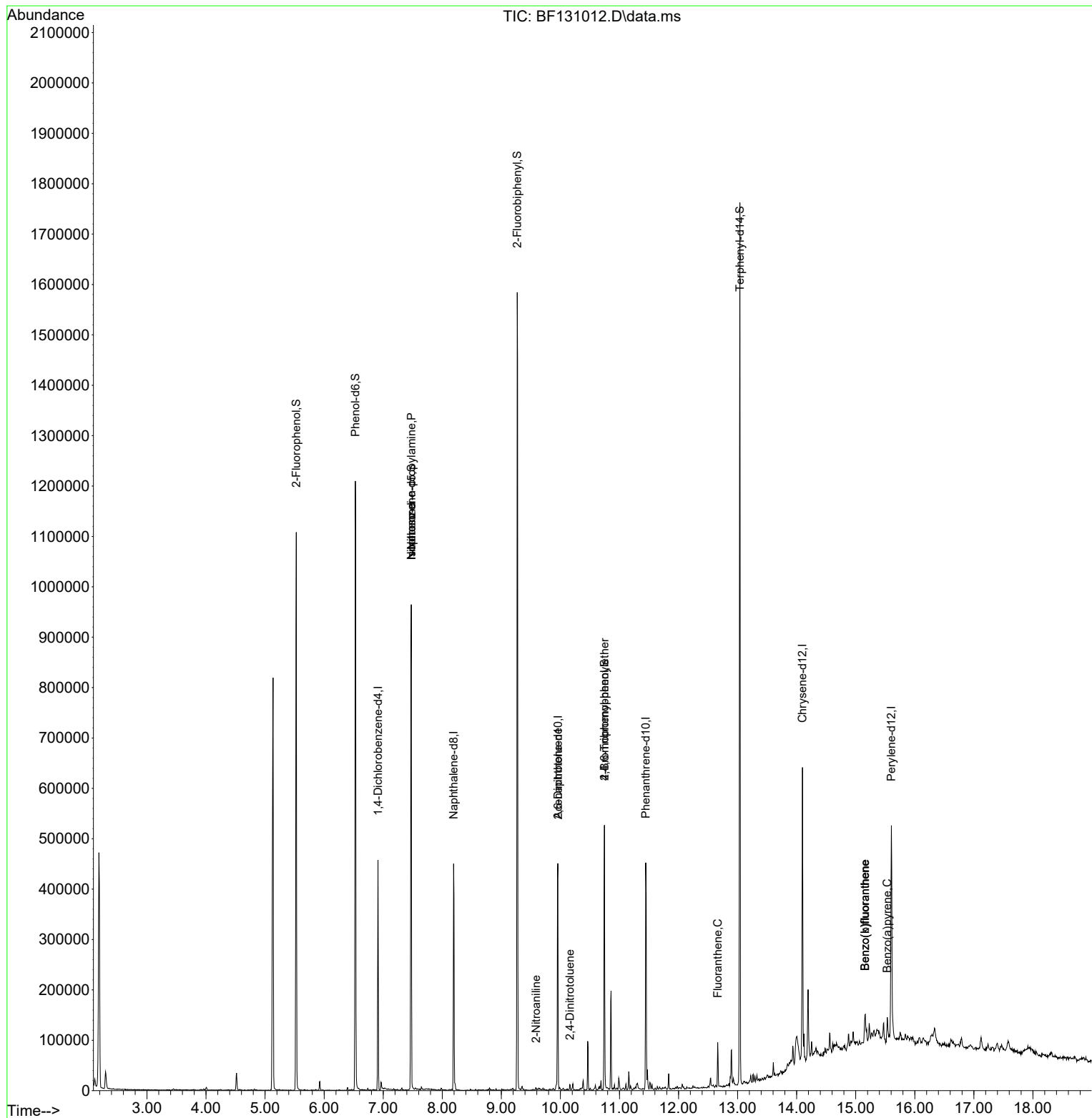
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	54427	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	188447	20.000	ng	-0.01
39) Acenaphthene-d10	9.957	164	90884	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	157255	20.000	ng	-0.01
76) Chrysene-d12	14.098	240	180297	20.000	ng	0.00
86) Perylene-d12	15.604	264	191734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	256934	81.839	ng	0.00
7) Phenol-d6	6.528	99	374632	91.826	ng	-0.01
23) Nitrobenzene-d5	7.475	82	283075	90.578	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	52371	68.453	ng	-0.01
45) 2-Fluorobiphenyl	9.269	172	482713	80.301	ng	-0.01
79) Terphenyl-d14	13.039	244	540164	54.900	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	39734	14.314	ng	# 74
25) Isophorone	7.475	82	283072	43.924	ng	# 66
48) 2-Nitroaniline	9.586	65	125	4.215	ng	# 12
51) 2,6-Dinitrotoluene	9.957	165	12280	12.536	ng	# 13
57) 2,4-Dinitrotoluene	10.163	165	729	4.158	ng	# 39
67) 4-Bromophenyl-phenylether	10.745	248	3362	2.126	ng	# 1
75) Fluoranthene	12.663	202	32385	3.755	ng	99
88) Benzo(b)fluoranthene	15.157	252	40858	3.297	ng	# 94
89) Benzo(k)fluoranthene	15.157	252	40858	3.383	ng	# 95
90) Benzo(a)pyrene	15.533	252	22442	2.252	ng	# 94

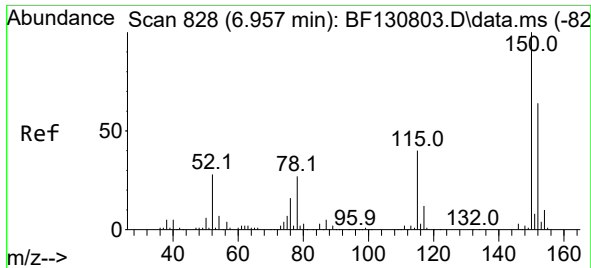
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 04 06:20:24 2022
Response via : Initial Calibration

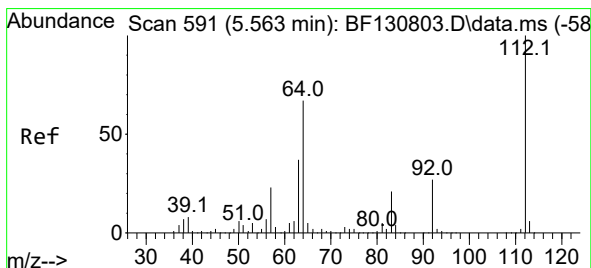
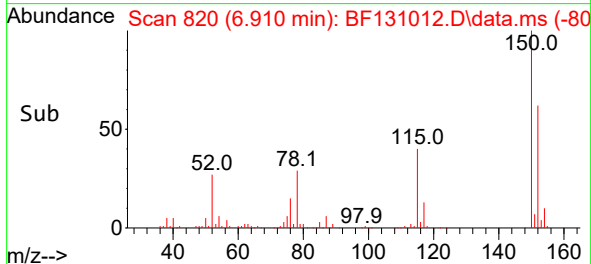
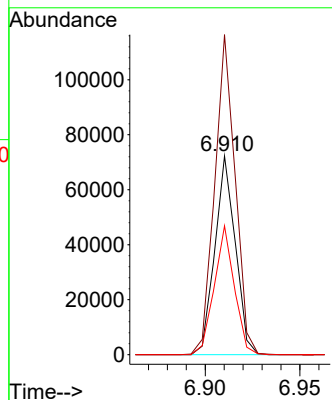
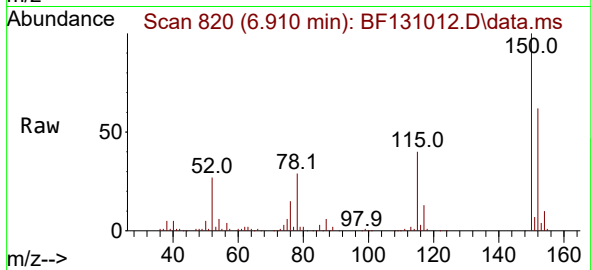




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

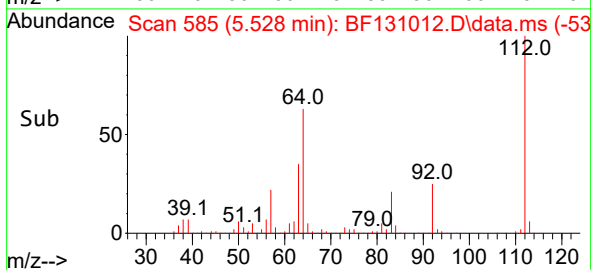
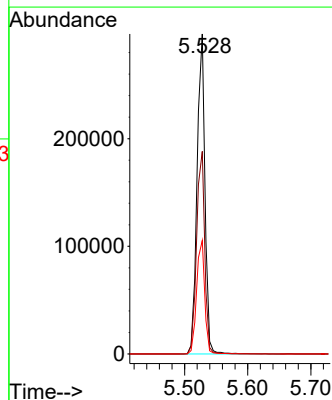
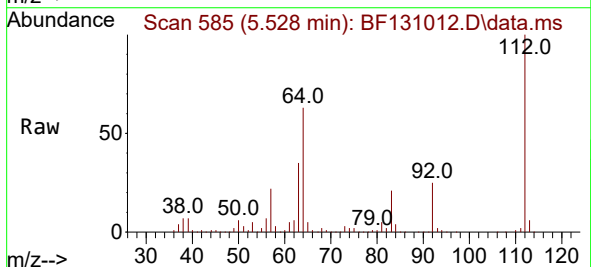
Instrument :
BNA_F
ClientSampleId :
185465

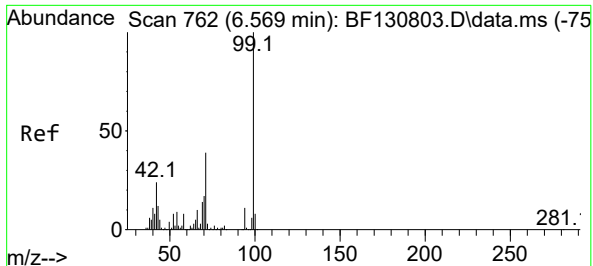
Tgt Ion:152 Resp: 54427
Ion Ratio Lower Upper
152 100
150 161.0 124.1 186.1
115 64.8 50.1 75.1



#5
2-Fluorophenol
Concen: 81.839 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

Tgt Ion:112 Resp: 256934
Ion Ratio Lower Upper
112 100
64 63.3 53.9 80.9
63 35.4 29.4 44.2

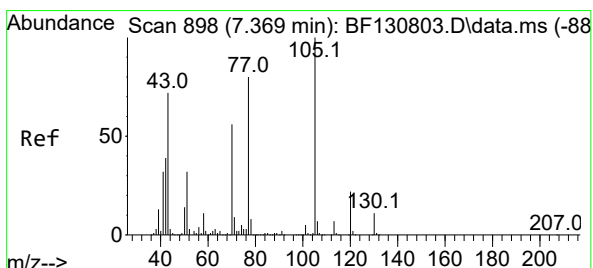
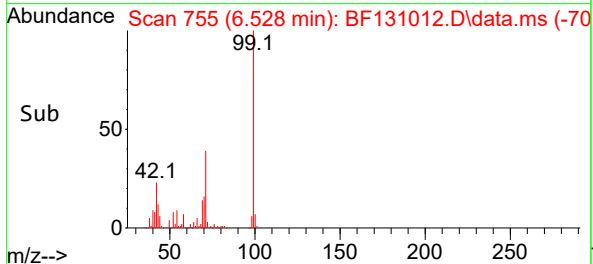
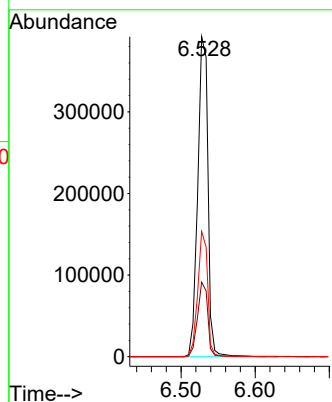
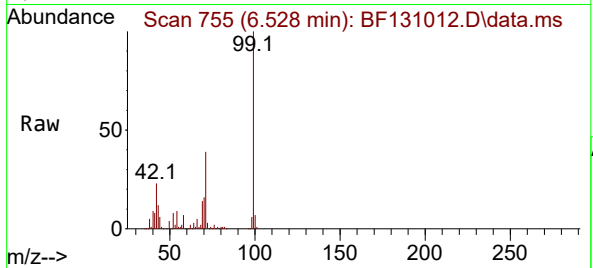




#7
Phenol-d6
Concen: 91.826 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

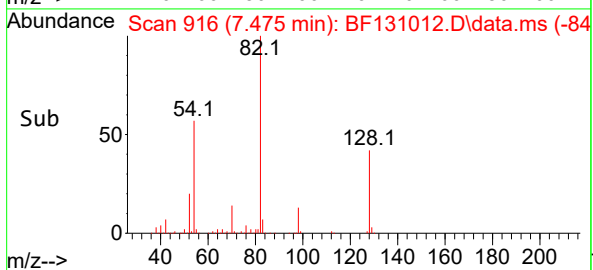
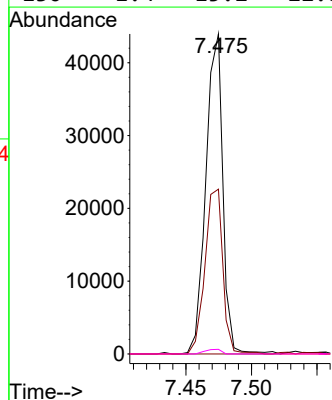
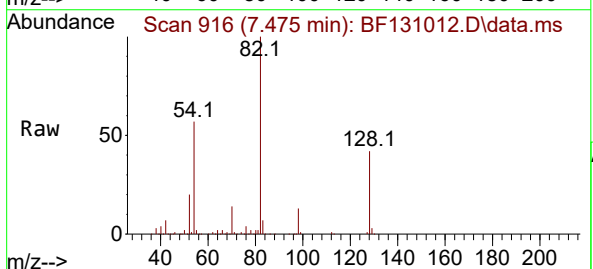
Instrument :
BNA_F
ClientSampleId :
185465

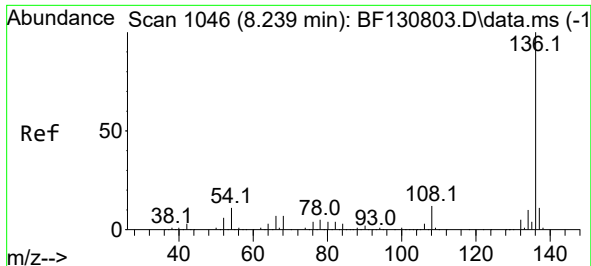
Tgt Ion: 99 Resp: 374632
Ion Ratio Lower Upper
99 100
42 23.3 18.8 28.2
71 39.1 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.314 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

Tgt Ion: 70 Resp: 39734
Ion Ratio Lower Upper
70 100
42 51.5 56.1 84.1#
101 0.0 7.3 10.9#
130 1.4 15.2 22.8#

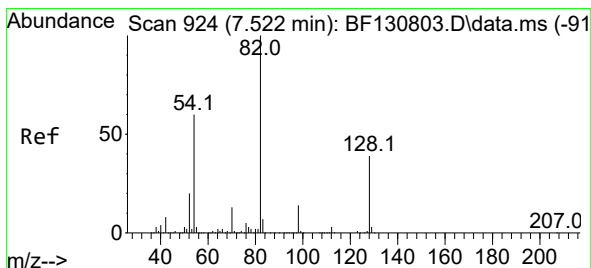
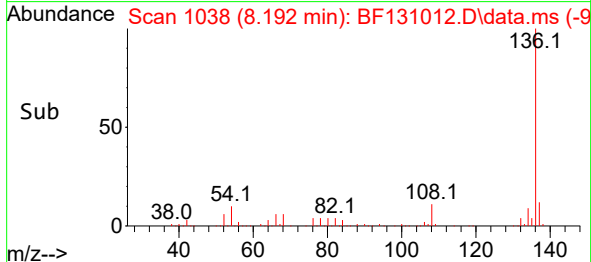
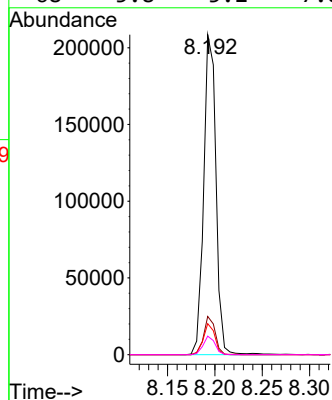
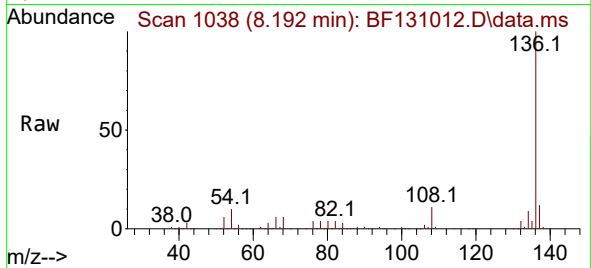




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1046
Delta R.T. -0.012 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

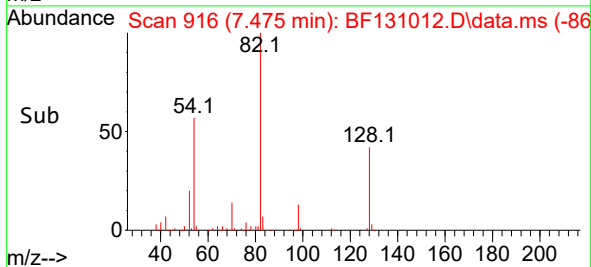
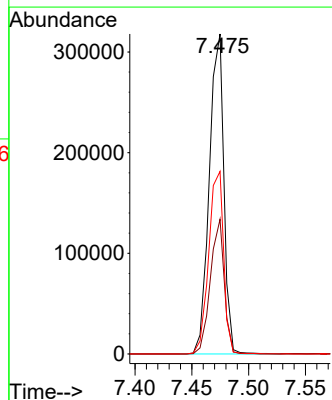
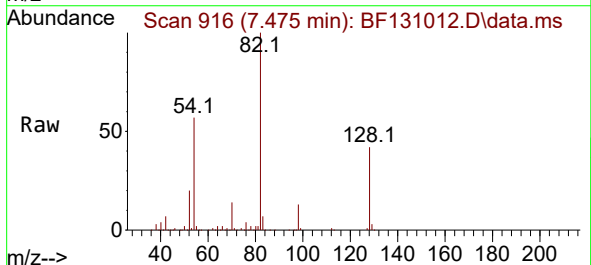
Instrument :
BNA_F
ClientSampleId :
185465

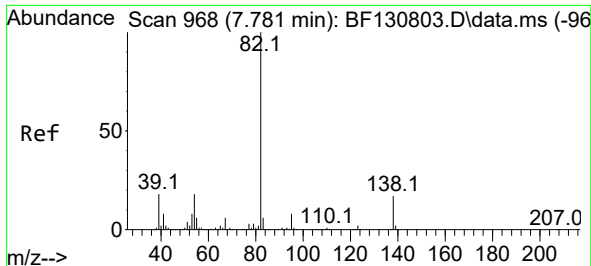
Tgt Ion:136 Resp: 188447
Ion Ratio Lower Upper
136 100
137 11.9 9.2 13.8
54 9.7 8.8 13.2
68 5.8 5.2 7.8



#23
Nitrobenzene-d5
Concen: 90.578 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

Tgt Ion: 82 Resp: 283075
Ion Ratio Lower Upper
82 100
128 42.1 31.2 46.8
54 57.1 48.0 72.0

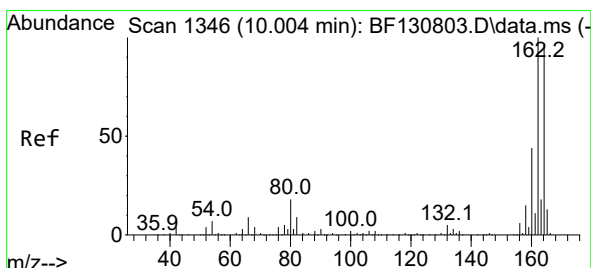
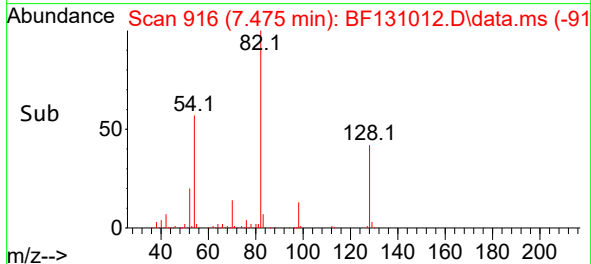
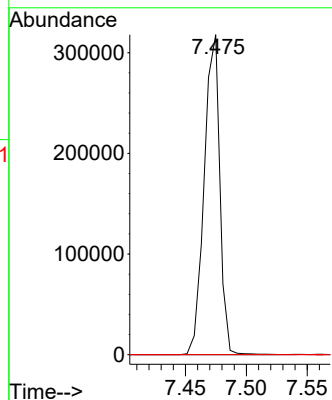
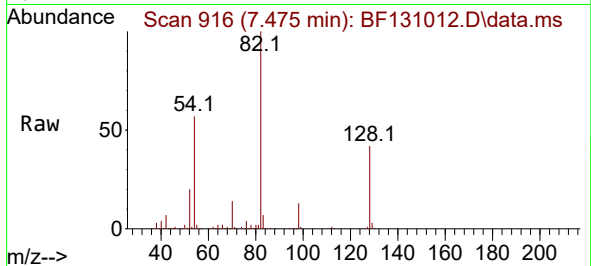




#25
Isophorone
Concen: 43.924 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

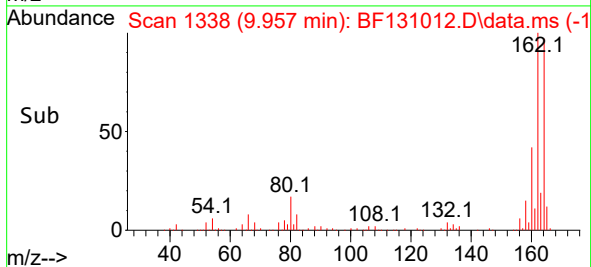
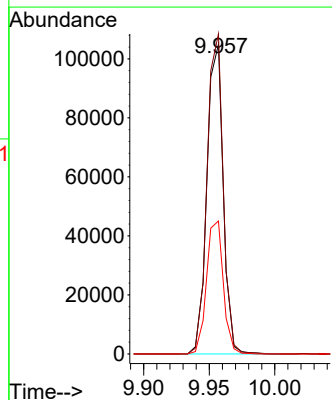
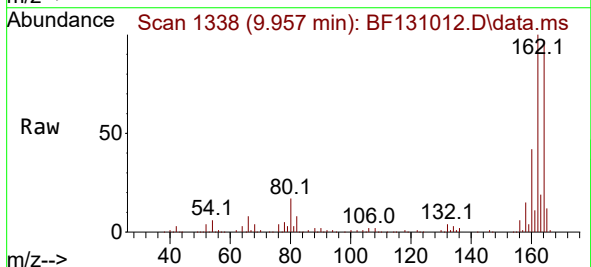
Instrument :
BNA_F
ClientSampleId :
185465

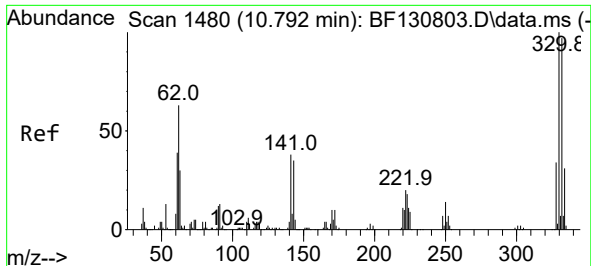
Tgt Ion: 82 Resp: 283072
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

Tgt Ion: 164 Resp: 90884
Ion Ratio Lower Upper
164 100
162 103.3 82.2 123.2
160 42.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 68.453 ng

RT: 10.745 min Scan# 1480

Delta R.T. -0.012 min

Lab File: BF131012.D

Acq: 05 Nov 2022 02:51

Instrument :

BNA_F

ClientSampleId :

185465

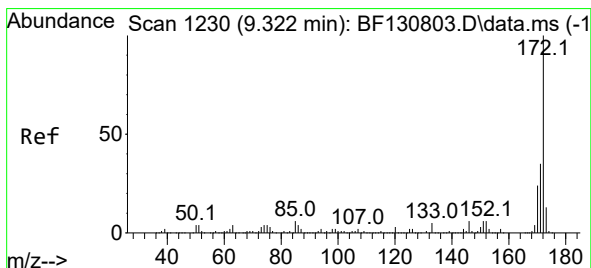
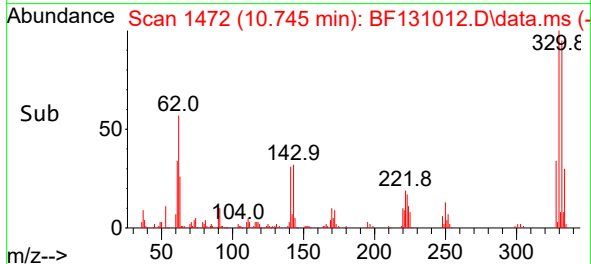
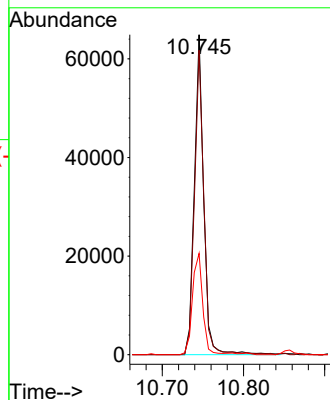
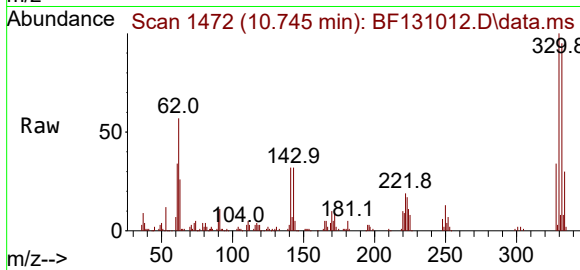
Tgt Ion:330 Resp: 52371

Ion Ratio Lower Upper

330 100

332 95.5 76.2 114.4

141 34.5 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 80.301 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.012 min

Lab File: BF131012.D

Acq: 05 Nov 2022 02:51

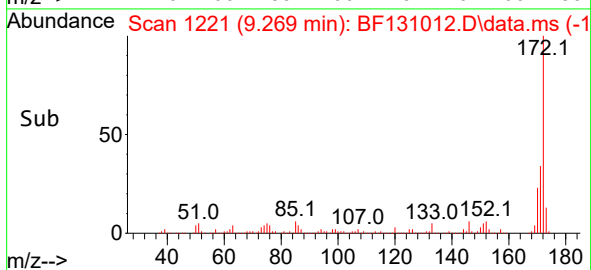
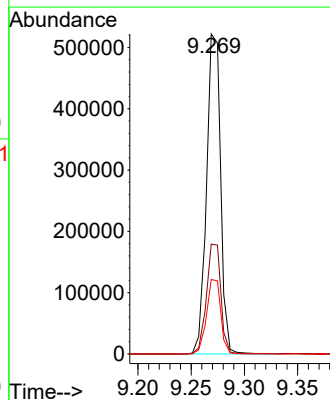
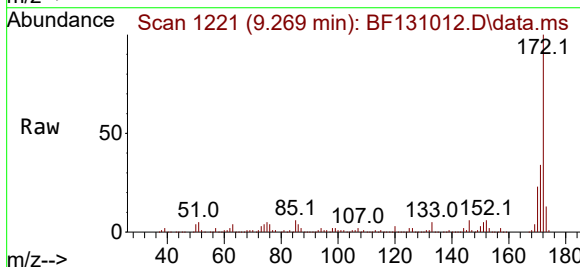
Tgt Ion:172 Resp: 482713

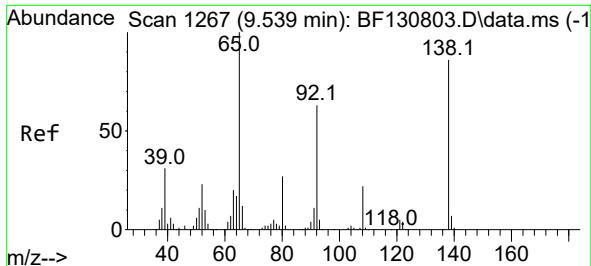
Ion Ratio Lower Upper

172 100

171 34.3 28.1 42.1

170 23.2 19.0 28.4

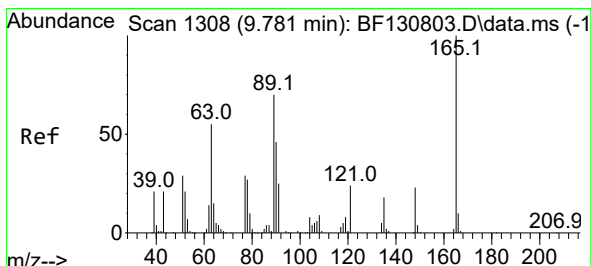
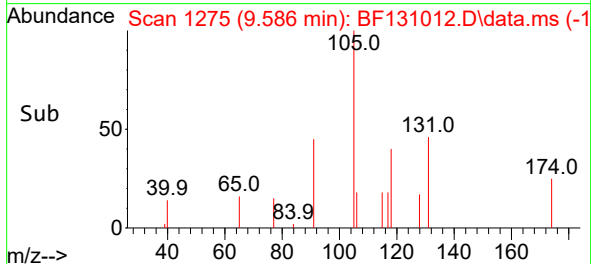
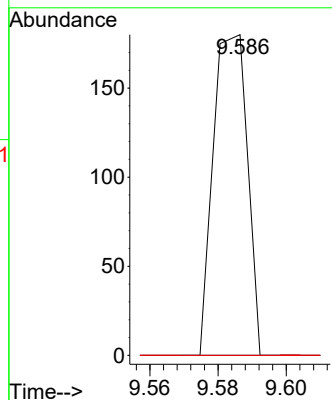
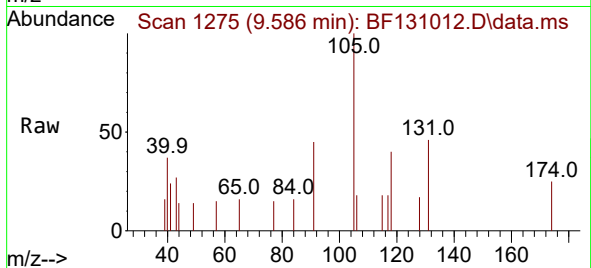




#48
2-Nitroaniline
Concen: 4.215 ng
RT: 9.586 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

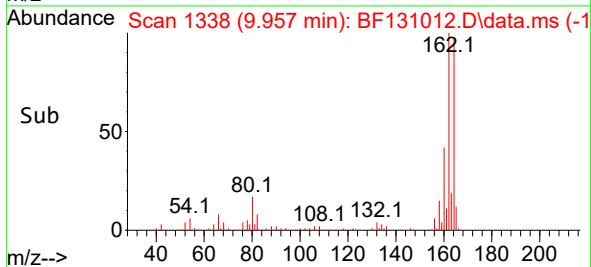
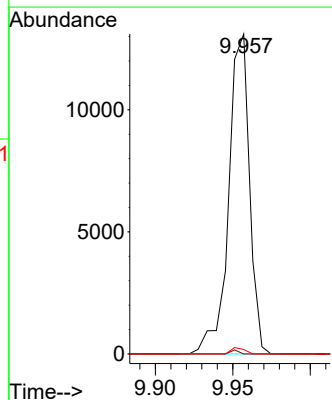
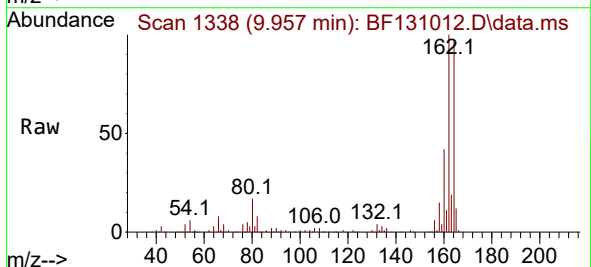
Instrument :
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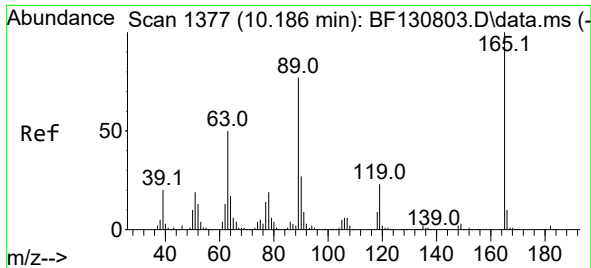
Tgt Ion: 65 Resp: 125
Ion Ratio Lower Upper
65 100
92 0.0 50.1 75.1#
138 0.0 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 12.536 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

Tgt Ion: 165 Resp: 12280
Ion Ratio Lower Upper
165 100
63 0.0 61.8 92.8#
89 1.4 56.2 84.4#

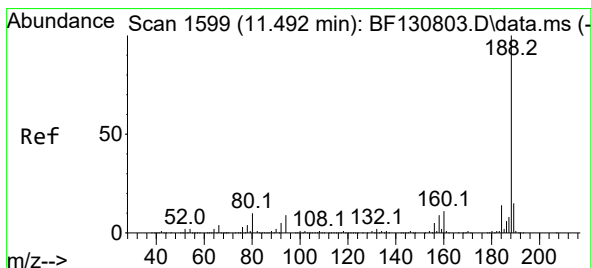
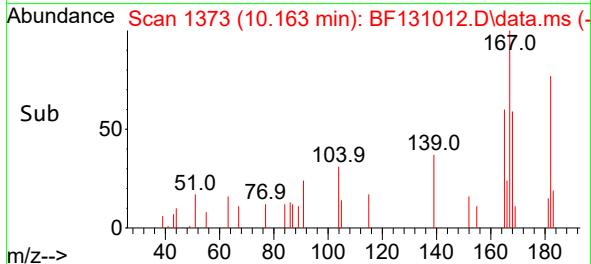
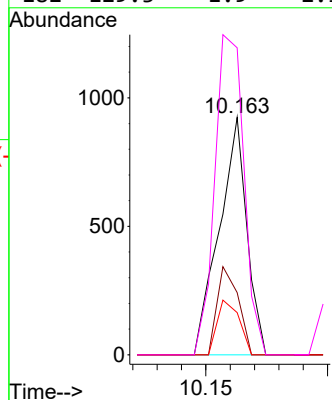
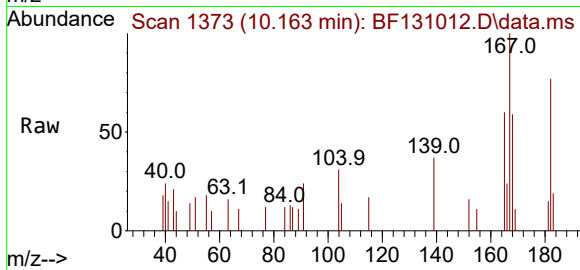




#57
2,4-Dinitrotoluene
Concen: 4.158 ng
RT: 10.163 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

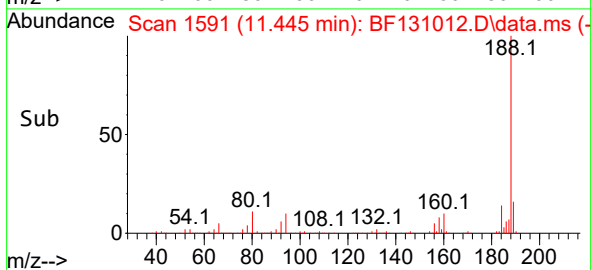
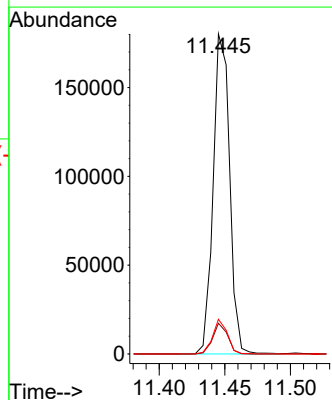
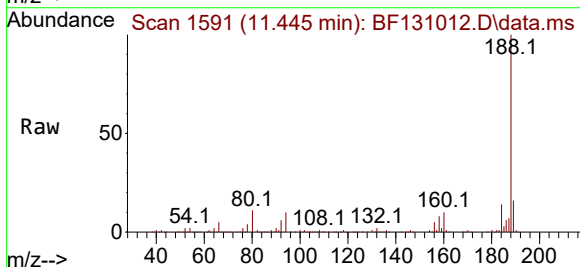
Instrument :
BNA_F
ClientSampleId :
185465

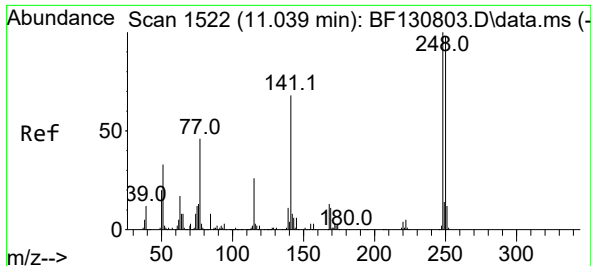
Tgt Ion:165 Resp: 729
Ion Ratio Lower Upper
165 100
63 26.2 39.8 59.6#
89 17.7 61.9 92.9#
182 129.3 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.012 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

Tgt Ion:188 Resp: 157255
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.8 8.0 12.0

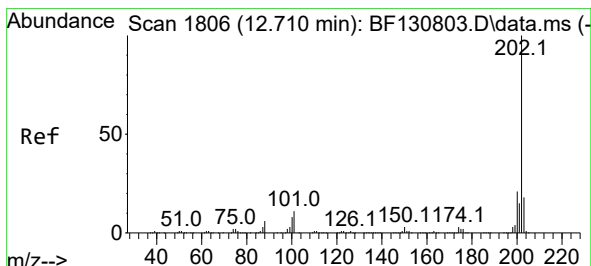
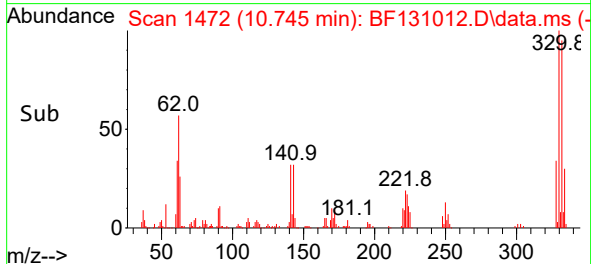
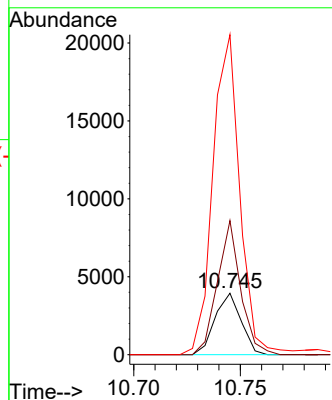
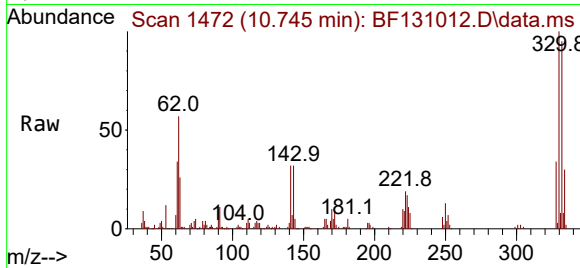




#67
4-Bromophenyl-phenylether
Concen: 2.126 ng
RT: 10.745 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

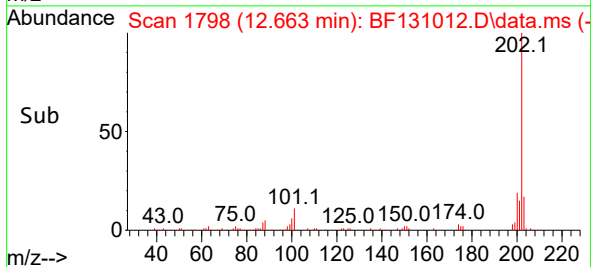
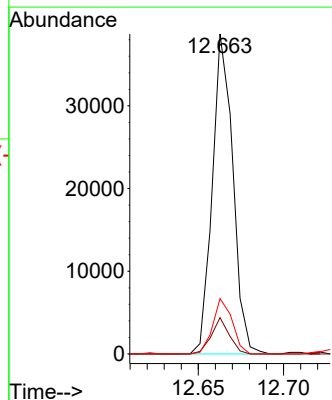
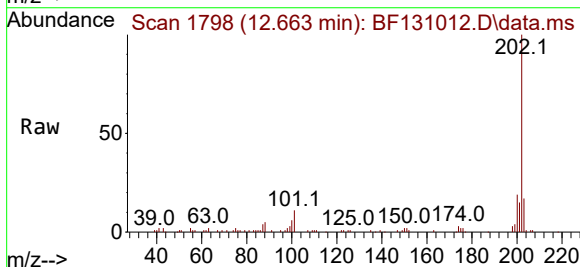
Instrument :
BNA_F
ClientSampleId :
185465

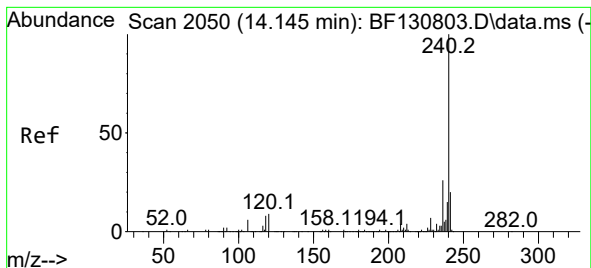
Tgt Ion:248 Resp: 3362
Ion Ratio Lower Upper
248 100
250 218.2 78.6 117.8#
141 521.1 54.2 81.4#



#75
Fluoranthene
Concen: 3.755 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.012 min
Lab File: BF131012.D
Acq: 05 Nov 2022 02:51

Tgt Ion:202 Resp: 32385
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.9
203 17.3 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BF131012.D

Acq: 05 Nov 2022 02:51

Instrument :

BNA_F

ClientSampleId :

185465

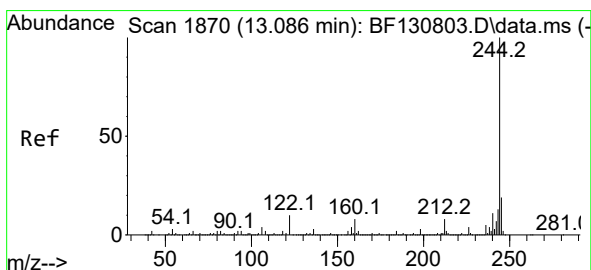
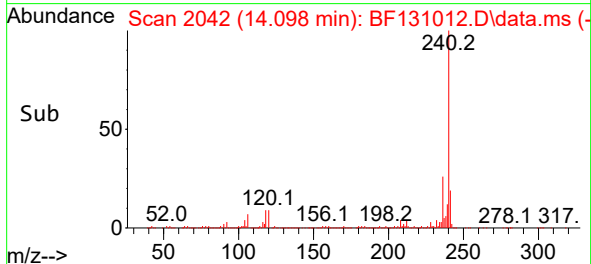
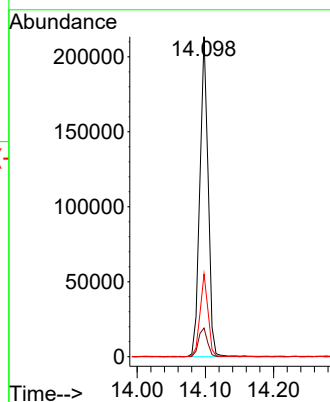
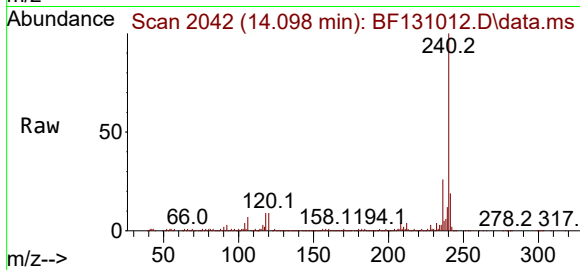
Tgt Ion:240 Resp: 180297

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.4

236 25.9 20.5 30.7



#79

Terphenyl-d14

Concen: 54.900 ng

RT: 13.039 min Scan# 1862

Delta R.T. -0.006 min

Lab File: BF131012.D

Acq: 05 Nov 2022 02:51

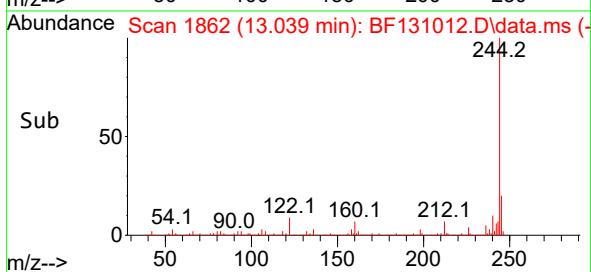
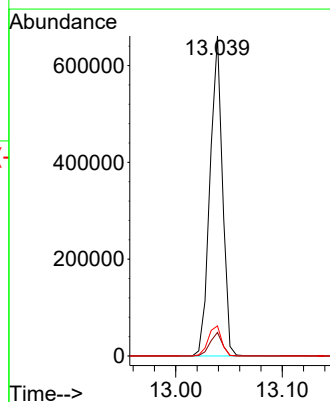
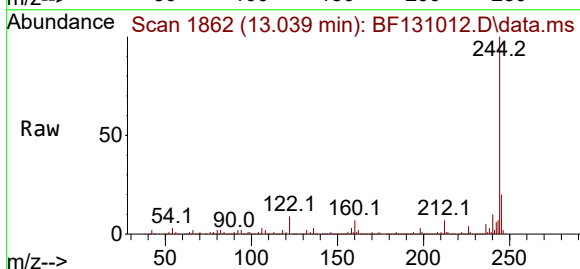
Tgt Ion:244 Resp: 540164

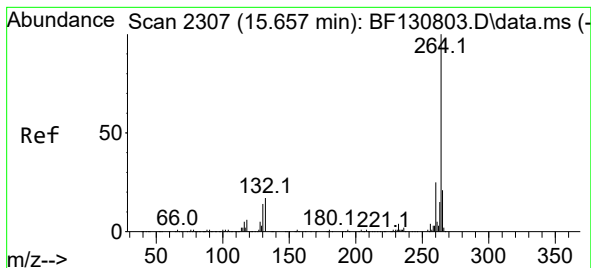
Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

122 9.4 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.604 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131012.D

Acq: 05 Nov 2022 02:51

Instrument :

BNA_F

ClientSampleId :

185465

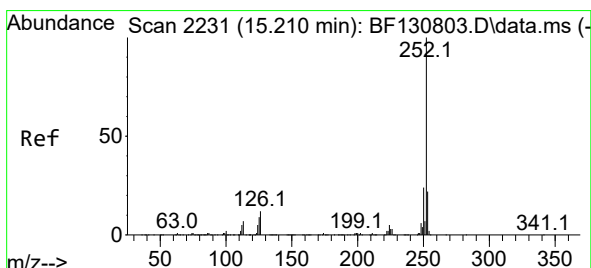
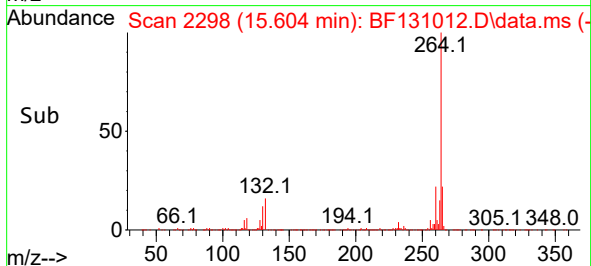
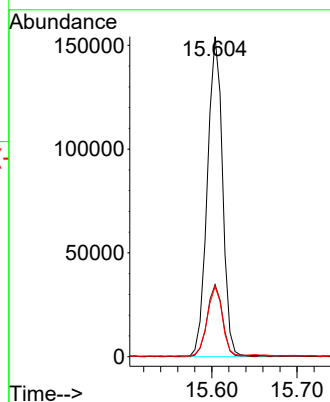
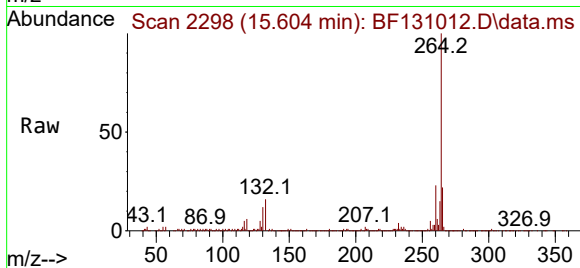
Tgt Ion:264 Resp: 191734

Ion Ratio Lower Upper

264 100

260 22.6 19.9 29.9

265 21.9 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 3.297 ng

RT: 15.157 min Scan# 2222

Delta R.T. -0.006 min

Lab File: BF131012.D

Acq: 05 Nov 2022 02:51

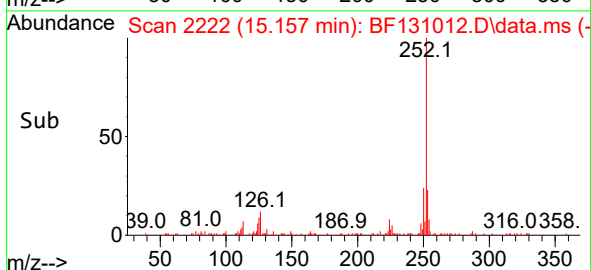
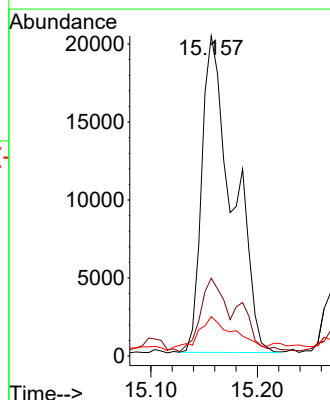
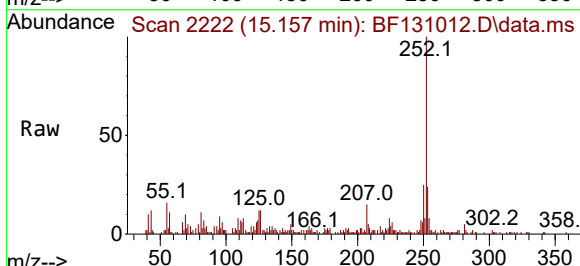
Tgt Ion:252 Resp: 40858

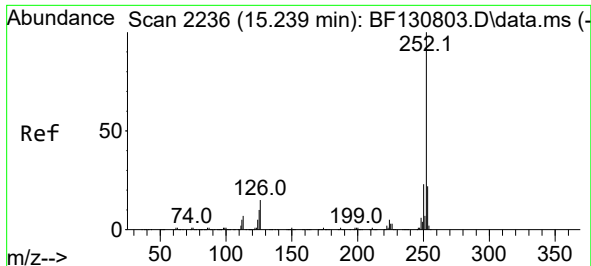
Ion Ratio Lower Upper

252 100

253 24.3 17.5 26.3

125 12.3 7.0 10.4#





#89

Benzo(k)fluoranthene

Concen: 3.383 ng

RT: 15.157 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF131012.D

Acq: 05 Nov 2022 02:51

Instrument :

BNA_F

ClientSampleId :

185465

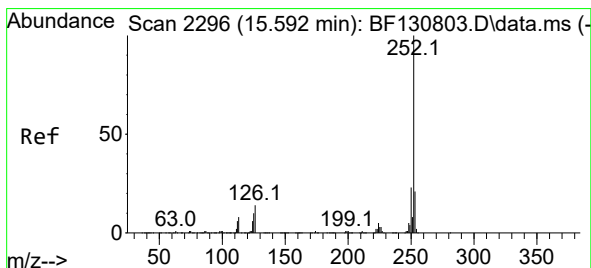
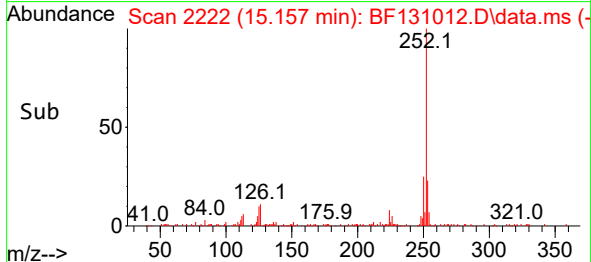
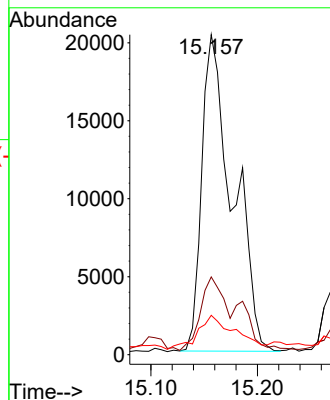
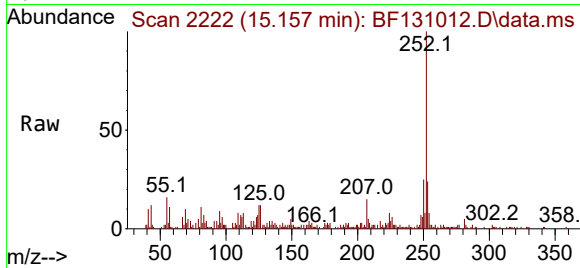
Tgt Ion:252 Resp: 40858

Ion Ratio Lower Upper

252 100

253 24.3 17.5 26.3

125 12.3 8.0 12.0#



#90

Benzo(a)pyrene

Concen: 2.252 ng

RT: 15.533 min Scan# 2286

Delta R.T. -0.012 min

Lab File: BF131012.D

Acq: 05 Nov 2022 02:51

Tgt Ion:252 Resp: 22442

Ion Ratio Lower Upper

252 100

253 22.9 16.8 25.2

125 14.0 8.3 12.5#

