

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
 Data File : BF130559.D
 Acq On : 06 Oct 2022 19:51
 Operator : CG\JU
 Sample : N5014-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-0-2.0-DUP

Quant Time: Oct 07 02:12:03 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)

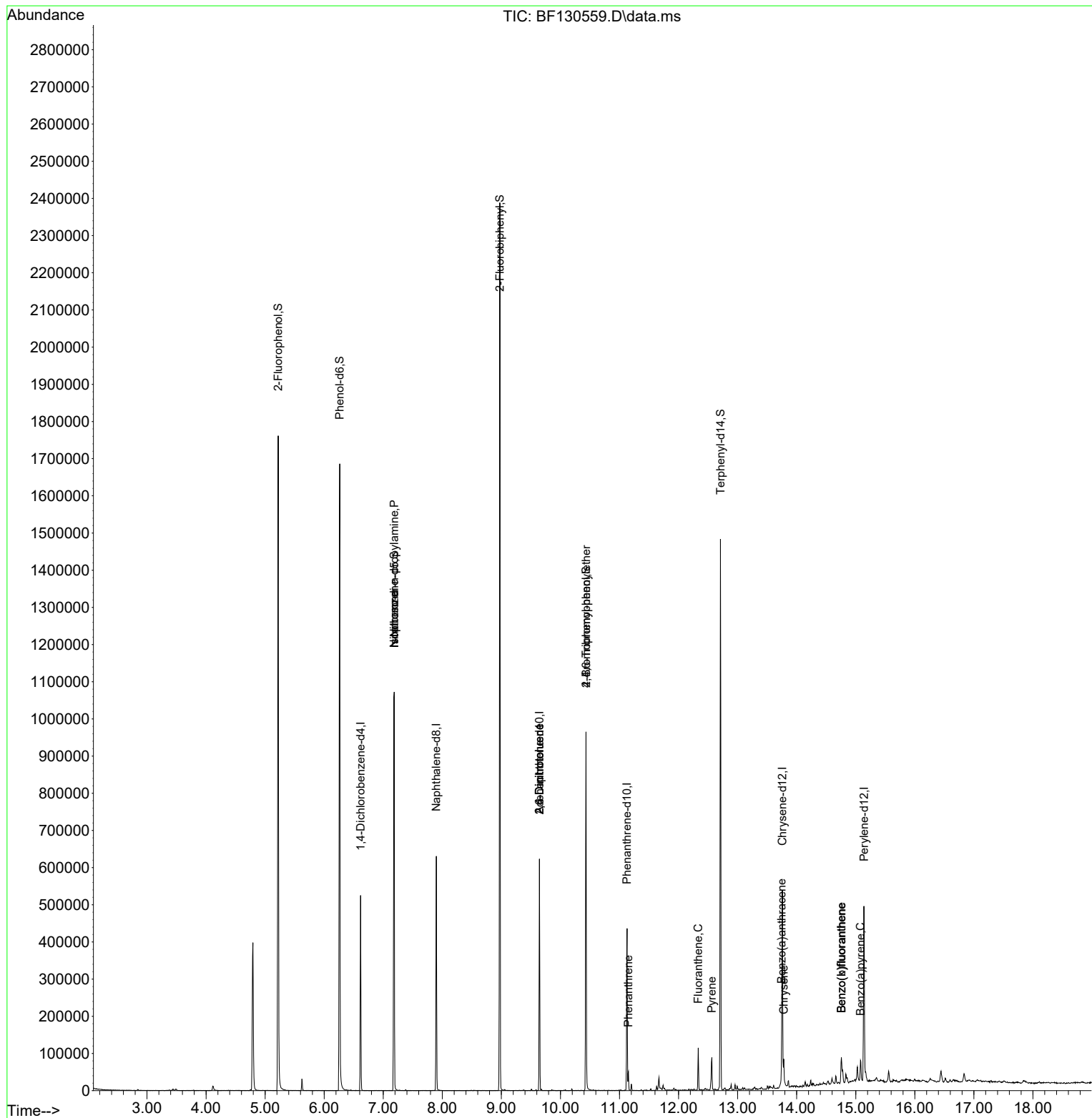
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	68016	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	244646	20.000	ng	0.00
39) Acenaphthene-d10	9.645	164	109433	20.000	ng	0.00
64) Phenanthrene-d10	11.127	188	150038	20.000	ng	0.00
76) Chrysene-d12	13.757	240	149359	20.000	ng	0.00
86) Perylene-d12	15.139	264	185463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	473519	120.751	ng	0.00
7) Phenol-d6	6.263	99	561276	114.391	ng	0.00
23) Nitrobenzene-d5	7.187	82	360960	75.378	ng	0.00
42) 2,4,6-Tribromophenol	10.433	330	101328	96.634	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	611434	81.362	ng	0.00
79) Terphenyl-d14	12.710	244	469944	52.120	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.187	70	48601	14.679	ng	# 71
25) Isophorone	7.187	82	360957	46.767	ng	# 66
51) 2,6-Dinitrotoluene	9.645	165	14295	9.042	ng	# 15
57) 2,4-Dinitrotoluene	9.645	165	14295	7.075	ng	# 15
67) 4-Bromophenyl-phenylether	10.433	248	6351	3.837	ng	# 1
71) Phenanthrene	11.151	178	18326	2.176	ng	99
75) Fluoranthene	12.333	202	37526	4.610	ng	98
78) Pyrene	12.563	202	34292	2.625	ng	99
81) Benzo(a)anthracene	13.745	228	26049	2.622	ng	98
83) Chrysene	13.780	228	20749	2.199	ng	94
88) Benzo(b)fluoranthene	14.757	252	45545	3.762	ng	99
89) Benzo(k)fluoranthene	14.757	252	45545	3.825	ng	99
90) Benzo(a)pyrene	15.080	252	23995	2.502	ng	97

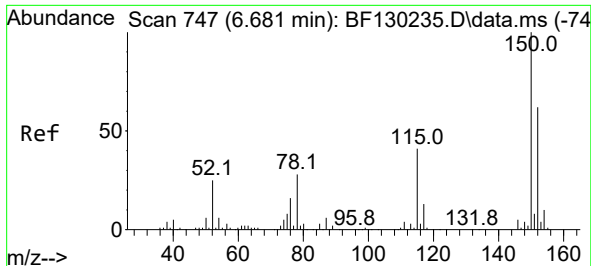
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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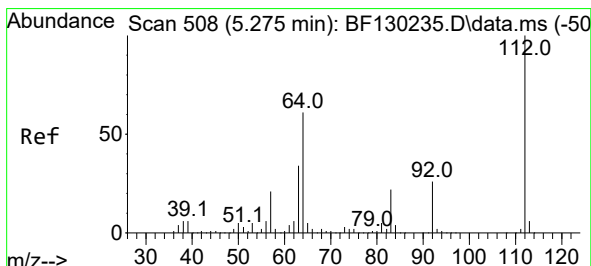
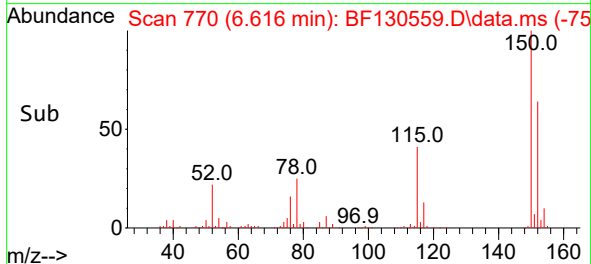
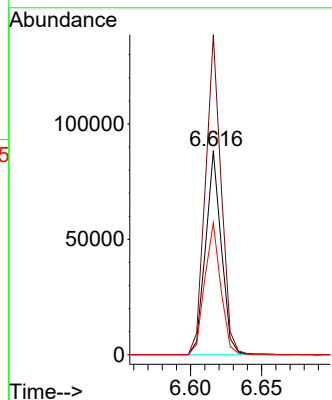
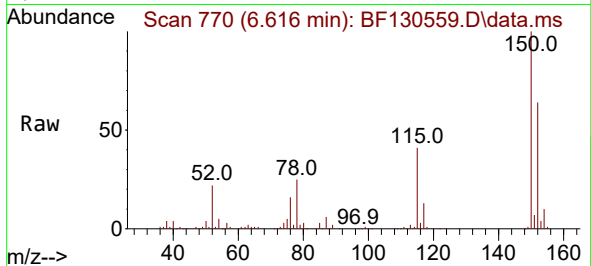




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.616 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

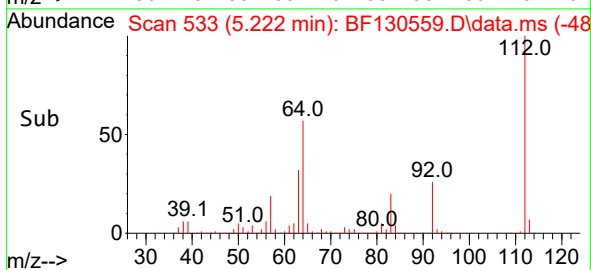
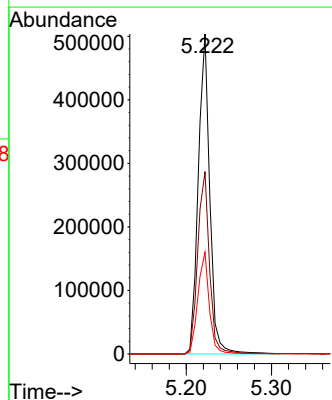
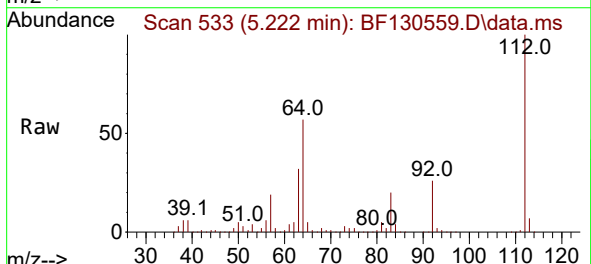
Instrument :
BNA_F
ClientSampleId :
SB-10-0-2.0-DUP

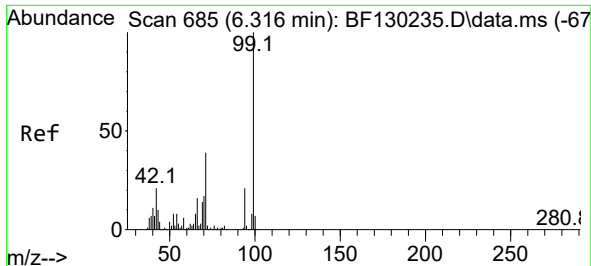
Tgt Ion:152 Resp: 68016
Ion Ratio Lower Upper
152 100
150 156.8 122.8 184.2
115 64.6 53.8 80.8



#5
2-Fluorophenol
Concen: 120.751 ng
RT: 5.222 min Scan# 533
Delta R.T. 0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

Tgt Ion:112 Resp: 473519
Ion Ratio Lower Upper
112 100
64 57.0 51.4 77.0
63 31.8 28.8 43.2

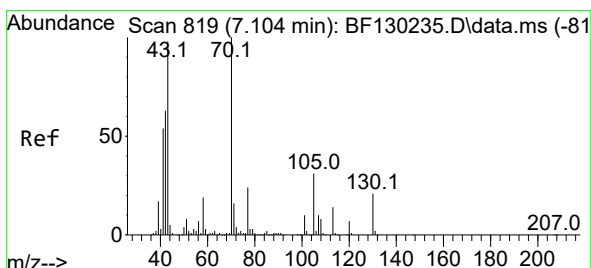
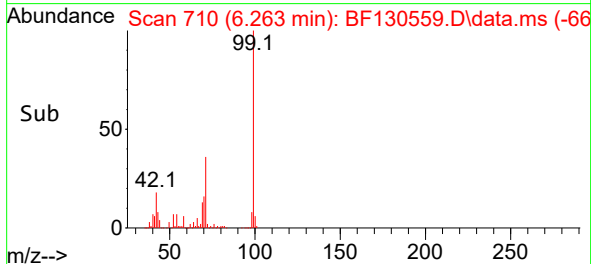
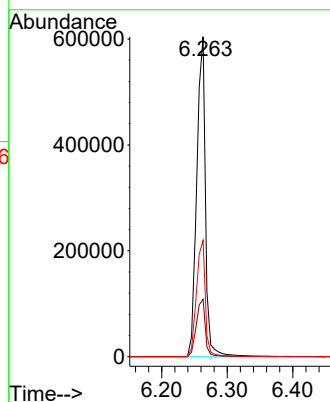
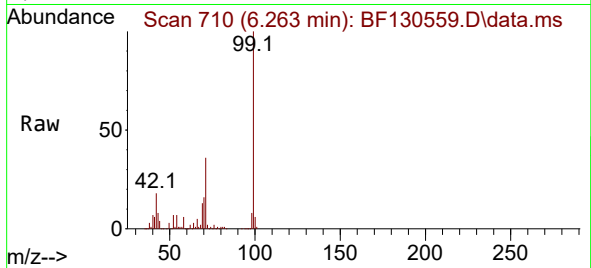




#7
Phenol-d6
Concen: 114.391 ng
RT: 6.263 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

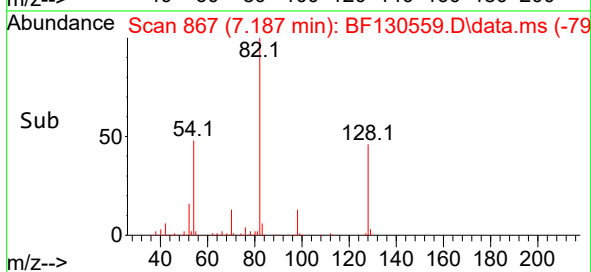
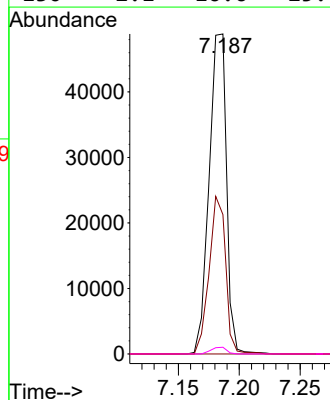
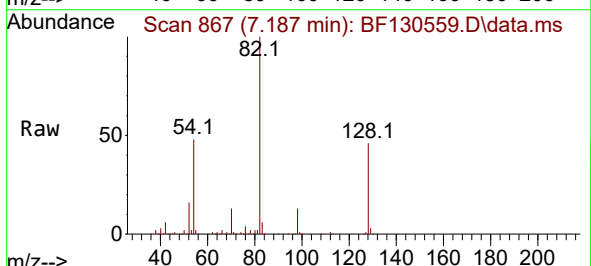
Instrument :
BNA_F
ClientSampleId :
SB-10-0-2.0-DUP

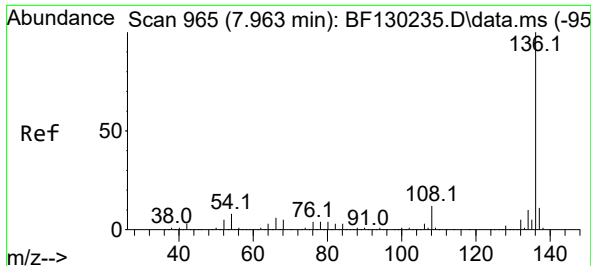
Tgt Ion: 99 Resp: 561276
Ion Ratio Lower Upper
99 100
42 18.0 17.0 25.6
71 36.4 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.679 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

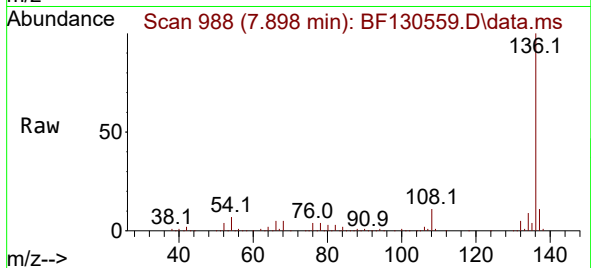
Tgt Ion: 70 Resp: 48601
Ion Ratio Lower Upper
70 100
42 43.5 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#



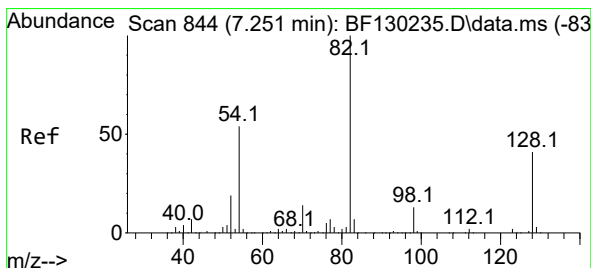
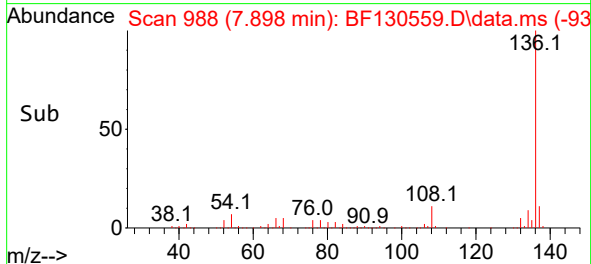
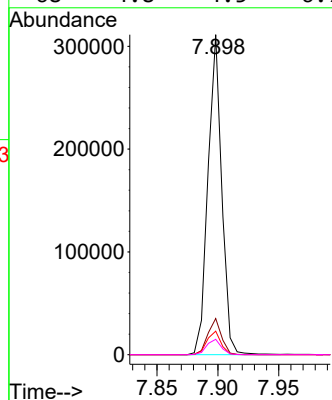


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

Instrument :
BNA_F
ClientSampleId :
SB-10-0-2.0-DUP

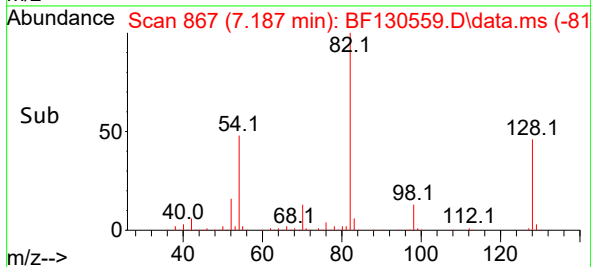
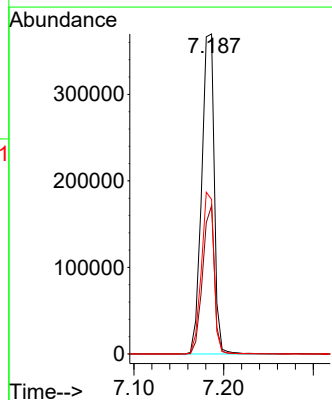
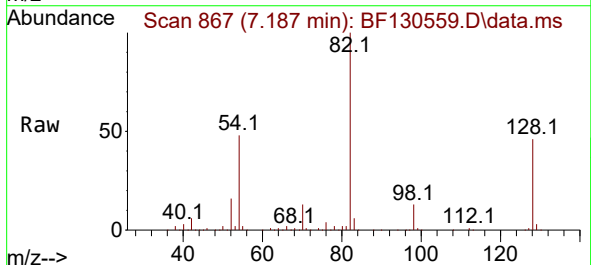


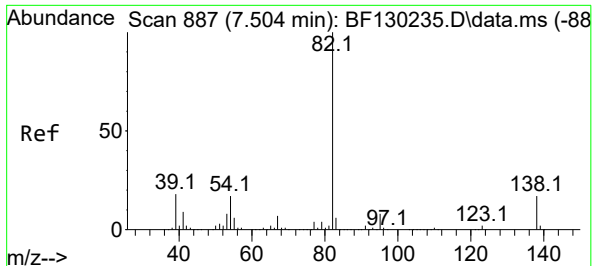
Tgt Ion:136 Resp: 244646
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.4 7.1 10.7
68 4.8 4.5 6.7



#23
Nitrobenzene-d5
Concen: 75.378 ng
RT: 7.187 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

Tgt Ion: 82 Resp: 360960
Ion Ratio Lower Upper
82 100
128 46.3 32.6 49.0
54 48.3 43.8 65.6

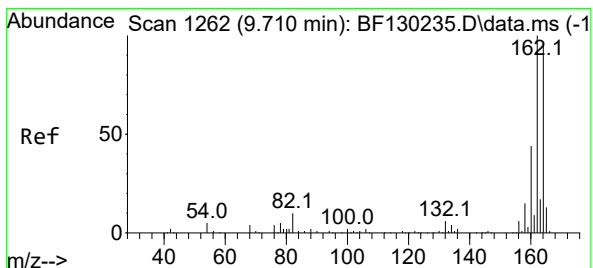
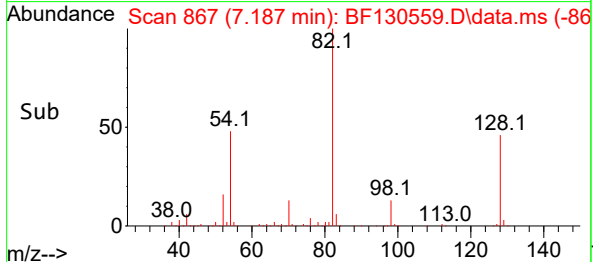
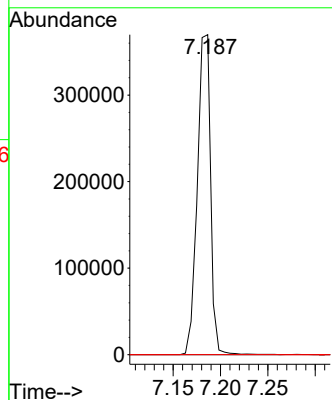
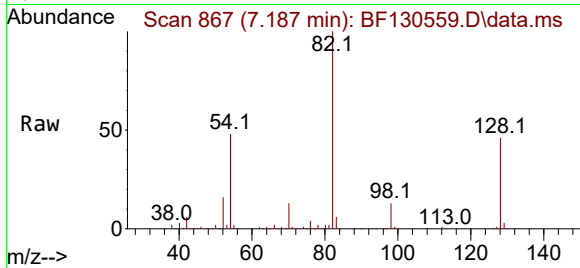




#25
Isophorone
Concen: 46.767 ng
RT: 7.187 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

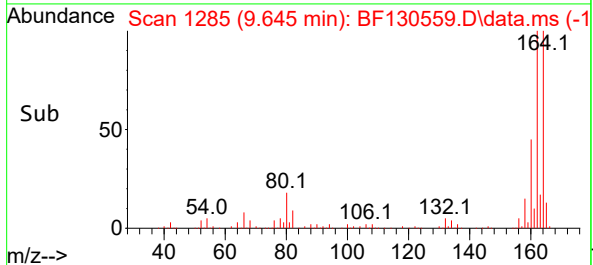
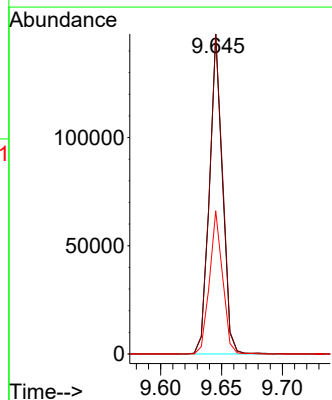
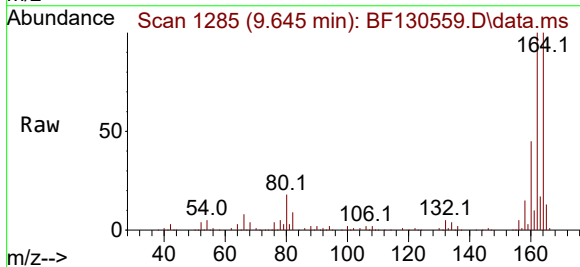
Instrument :
BNA_F
ClientSampleId :
SB-10-0-2.0-DUP

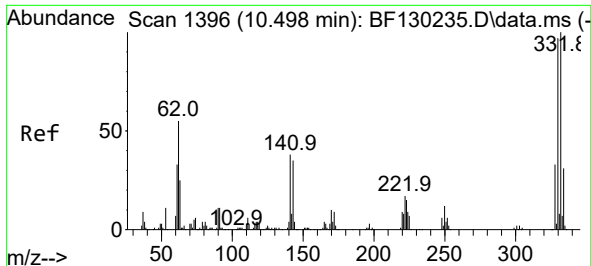
Tgt Ion: 82 Resp: 360957
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

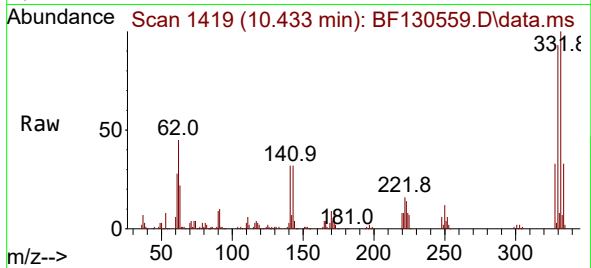
Tgt Ion: 164 Resp: 109433
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 44.7 36.2 54.4



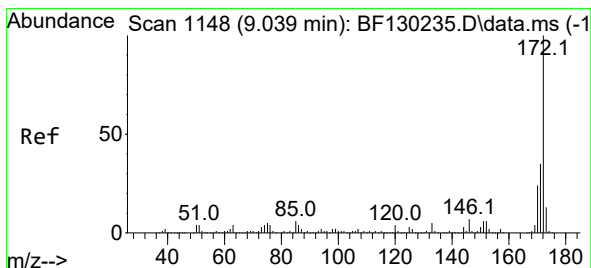
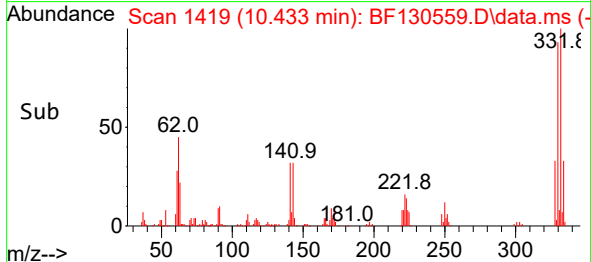
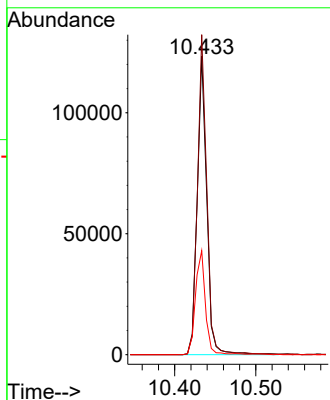


#42
2,4,6-Tribromophenol
Concen: 96.634 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

Instrument :
BNA_F
ClientSampleId :
SB-10-0-2.0-DUP

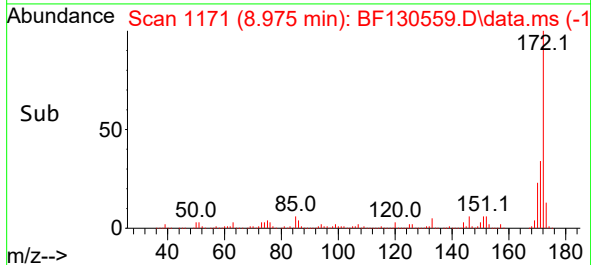
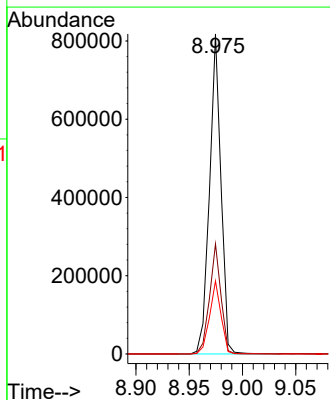
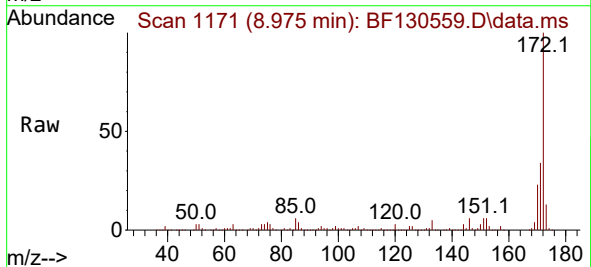


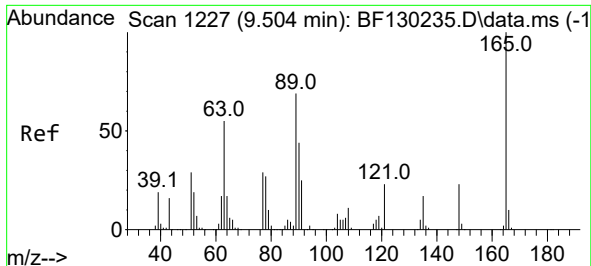
Tgt Ion:330 Resp: 101328
Ion Ratio Lower Upper
330 100
332 105.0 83.4 125.2
141 36.3 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 81.362 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

Tgt Ion:172 Resp: 611434
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 22.8 18.7 28.1

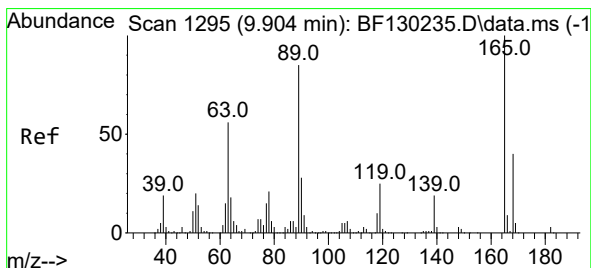
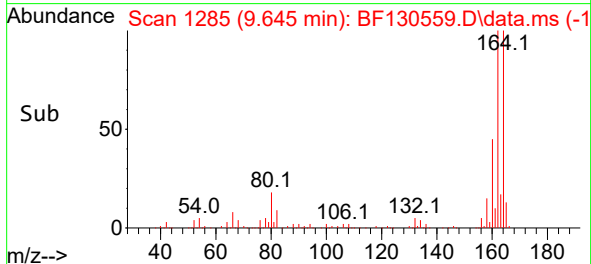
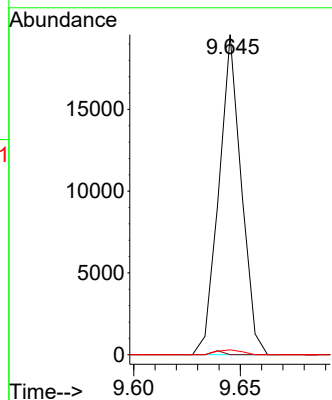
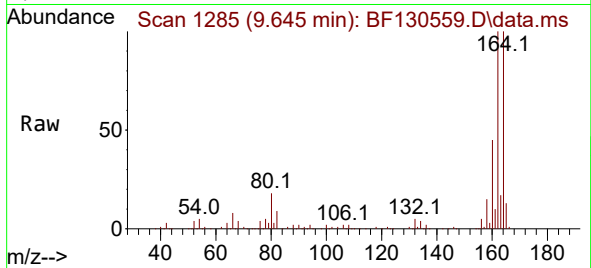




#51
2,6-Dinitrotoluene
Concen: 9.042 ng
RT: 9.645 min Scan# 1227
Delta R.T. 0.194 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

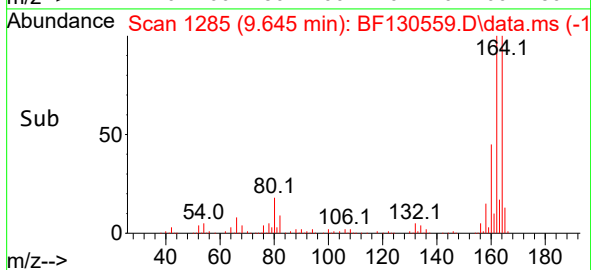
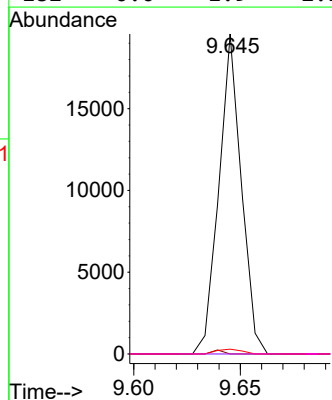
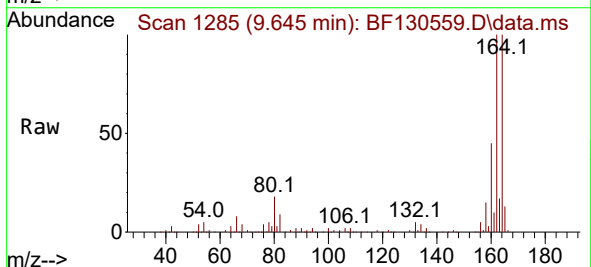
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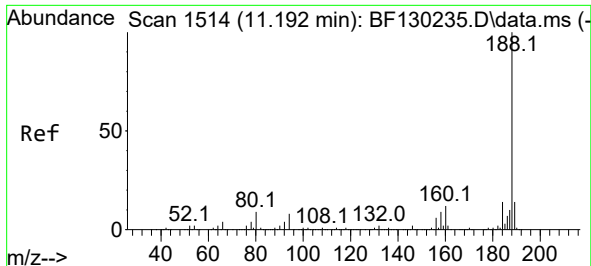
Tgt Ion:165 Resp: 14295
Ion Ratio Lower Upper
165 100
63 0.0 58.8 88.2#
89 1.5 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 7.075 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.206 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

Tgt Ion:165 Resp: 14295
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.5 69.0 103.4#
182 0.0 1.9 2.9#

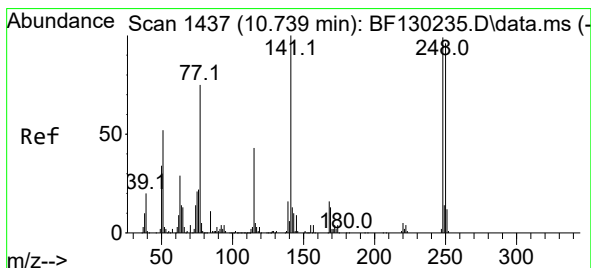
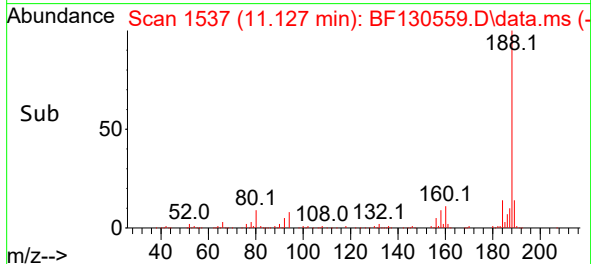
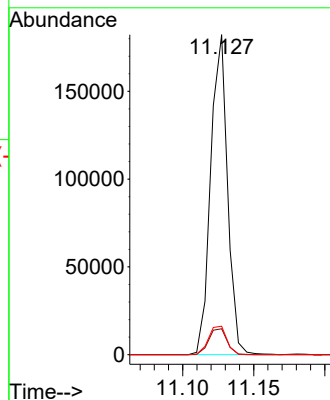
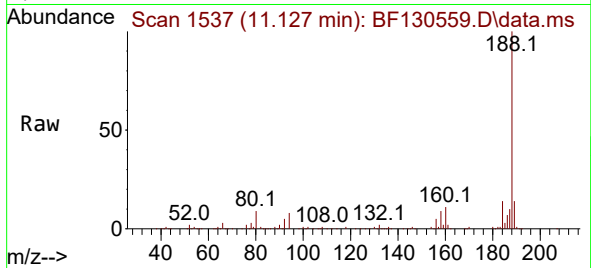




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

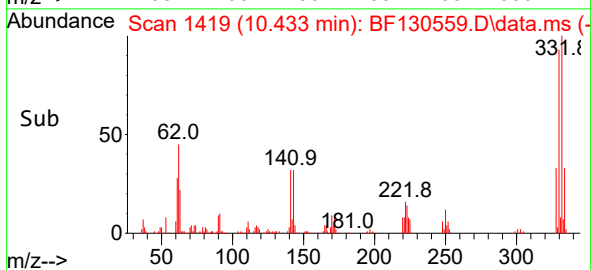
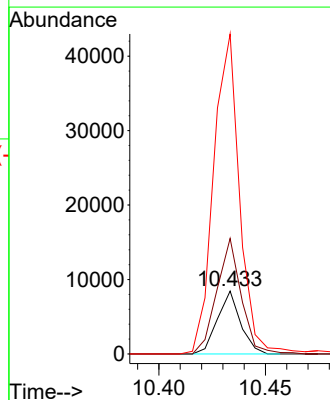
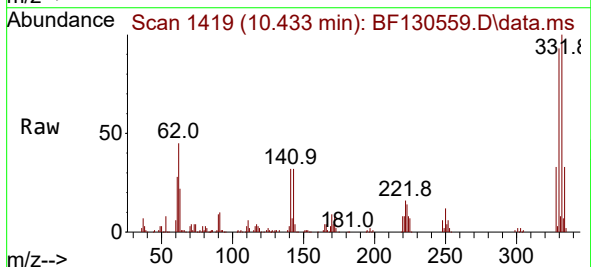
Instrument :
BNA_F
ClientSampleId :
SB-10-0-2.0-DUP

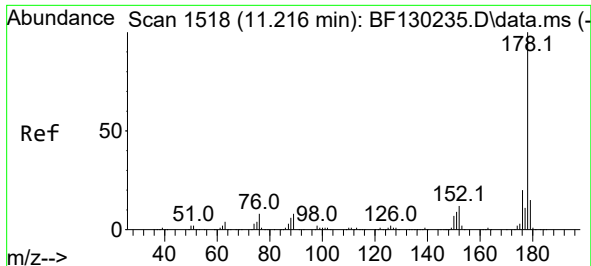
Tgt Ion:188 Resp: 150038
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.9 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.837 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.247 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

Tgt Ion:248 Resp: 6351
Ion Ratio Lower Upper
248 100
250 183.8 80.0 120.0#
141 509.3 68.5 102.7#

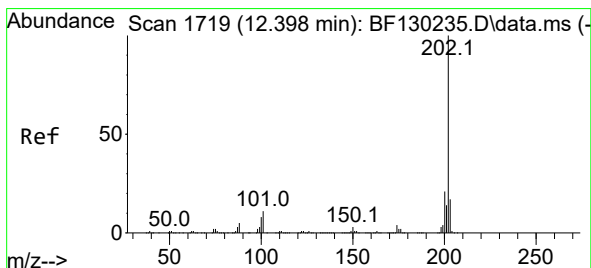
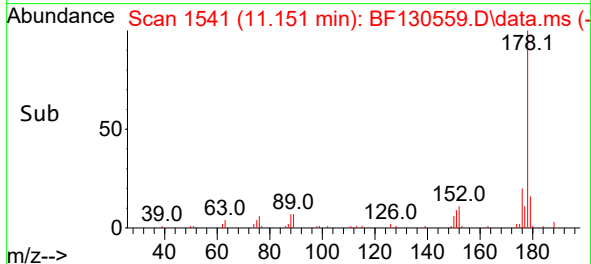
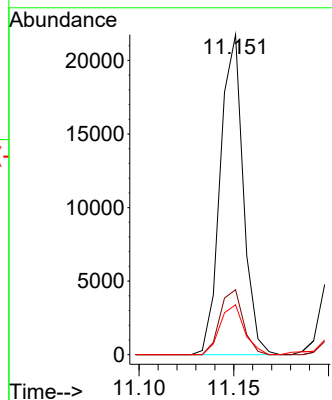
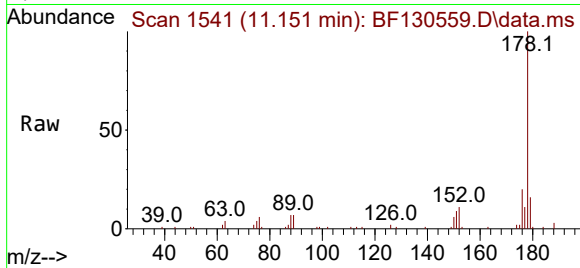




#71
Phenanthrene
Concen: 2.176 ng
RT: 11.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

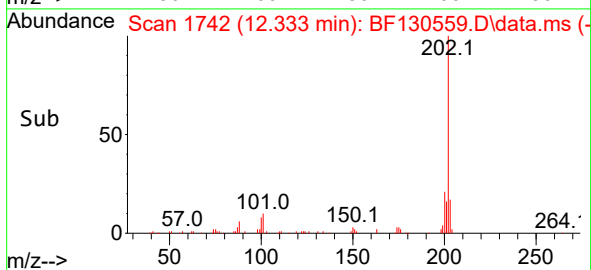
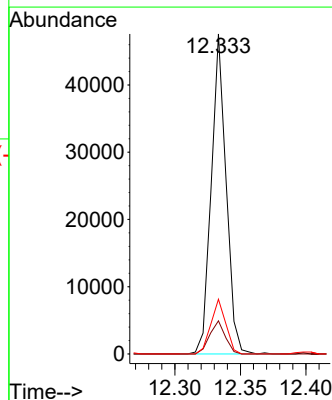
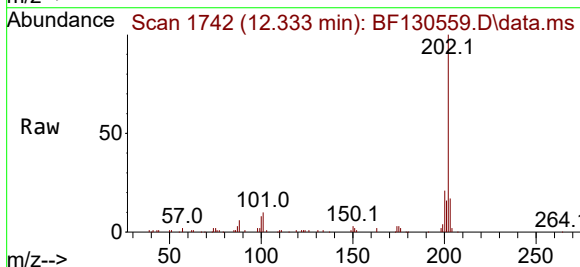
Instrument :
BNA_F
ClientSampleId :
SB-10-0-2.0-DUP

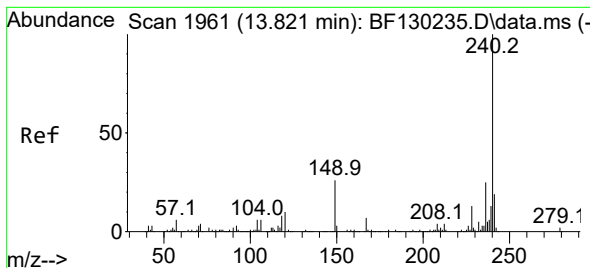
Tgt Ion:178 Resp: 18326
Ion Ratio Lower Upper
178 100
176 20.3 15.4 23.0
179 15.6 12.4 18.6



#75
Fluoranthene
Concen: 4.610 ng
RT: 12.333 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

Tgt Ion:202 Resp: 37526
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.8
203 17.1 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.757 min Scan# 1961

Delta R.T. -0.006 min

Lab File: BF130559.D

Acq: 06 Oct 2022 19:51

Instrument :

BNA_F

ClientSampleId :

SB-10-0-2.0-DUP

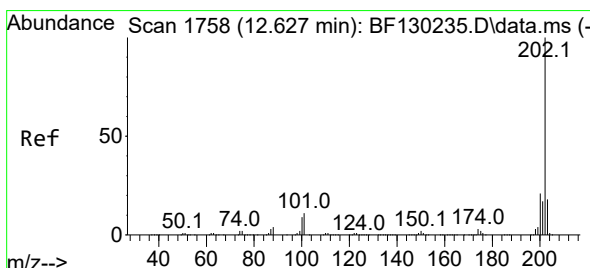
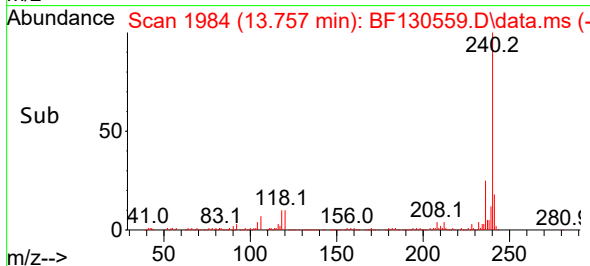
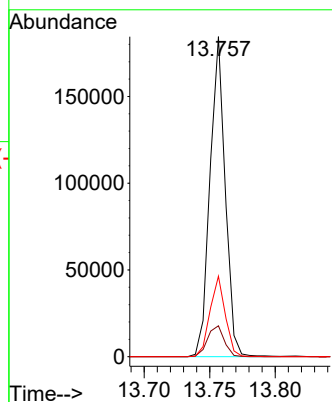
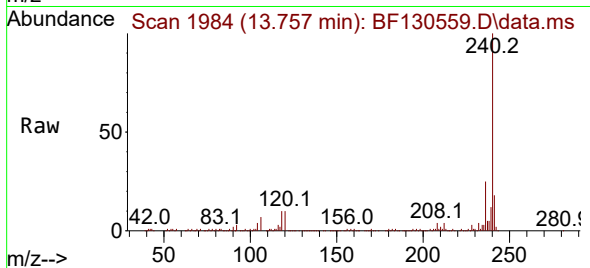
Tgt Ion:240 Resp: 149359

Ion Ratio Lower Upper

240 100

120 9.6 8.7 13.1

236 25.2 20.9 31.3



#78

Pyrene

Concen: 2.625 ng

RT: 12.563 min Scan# 1781

Delta R.T. -0.000 min

Lab File: BF130559.D

Acq: 06 Oct 2022 19:51

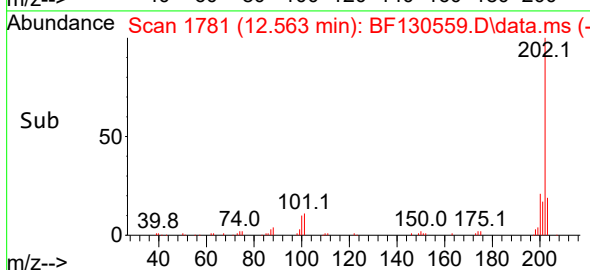
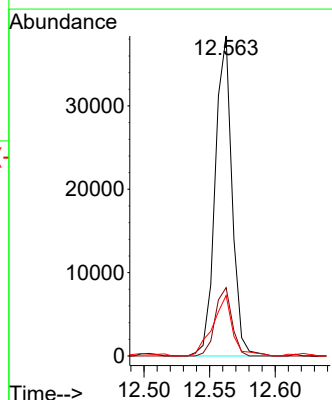
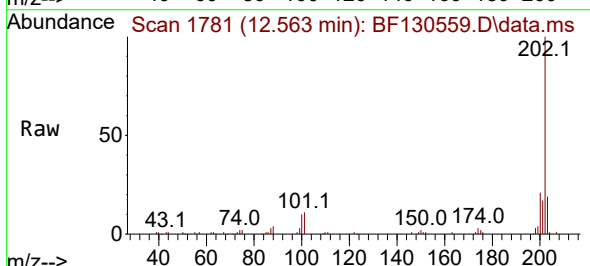
Tgt Ion:202 Resp: 34292

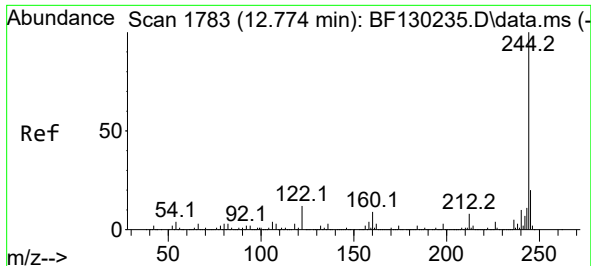
Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

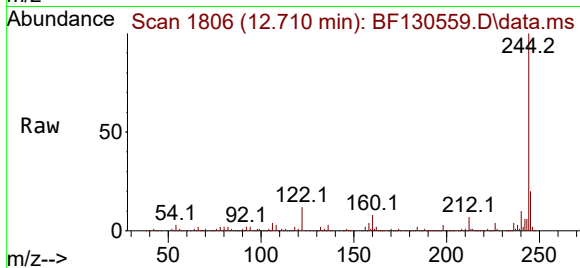
203 18.9 14.3 21.5



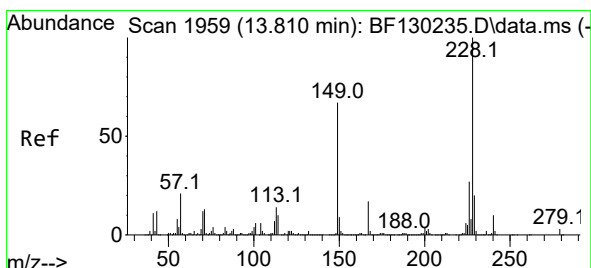
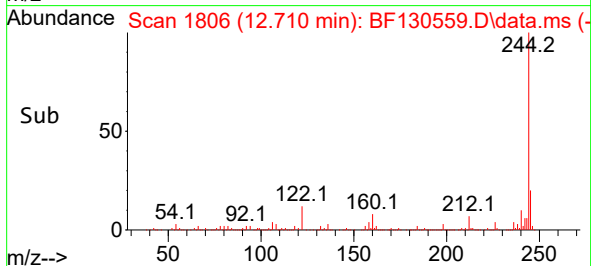
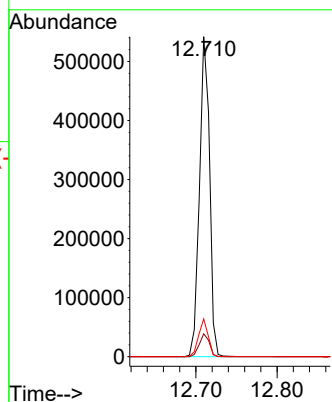


#79
 Terphenyl-d14
 Concen: 52.120 ng
 RT: 12.710 min Scan# 1806
 Delta R.T. -0.006 min
 Lab File: BF130559.D
 Acq: 06 Oct 2022 19:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-0-2.0-DUP

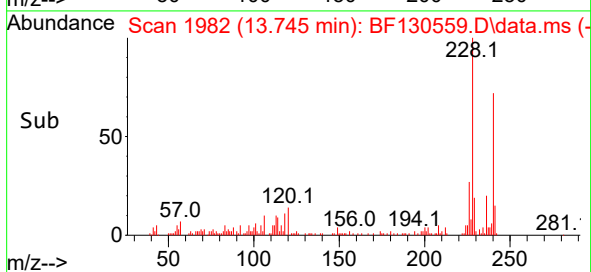
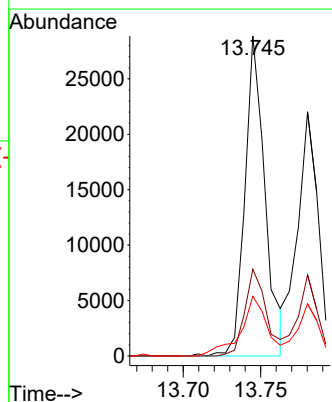
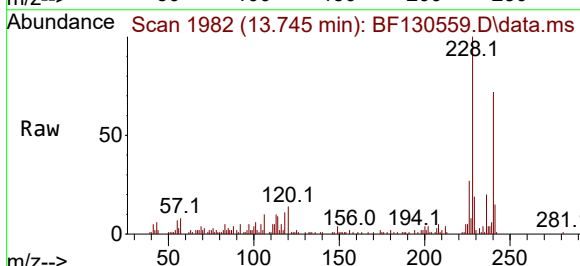


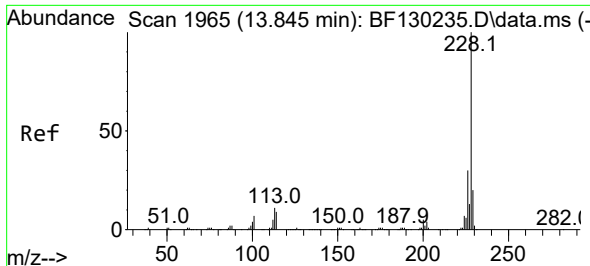
Tgt Ion:244 Resp: 469944
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.8 8.5 12.7



#81
 Benzo(a)anthracene
 Concen: 2.622 ng
 RT: 13.745 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: BF130559.D
 Acq: 06 Oct 2022 19:51

Tgt Ion:228 Resp: 26049
 Ion Ratio Lower Upper
 228 100
 226 27.1 21.9 32.9
 229 18.6 16.1 24.1

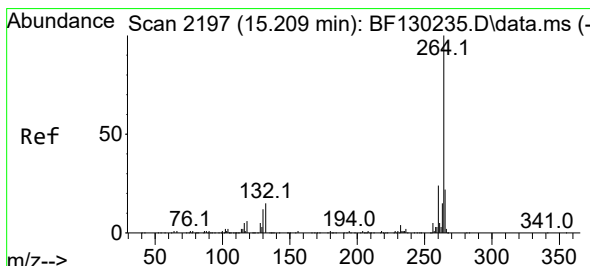
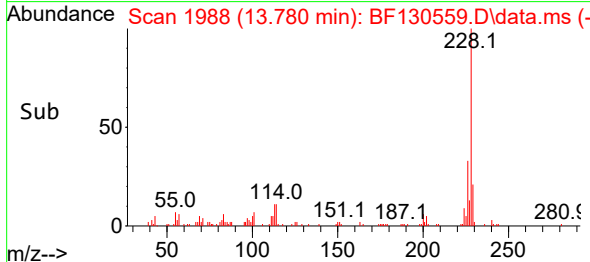
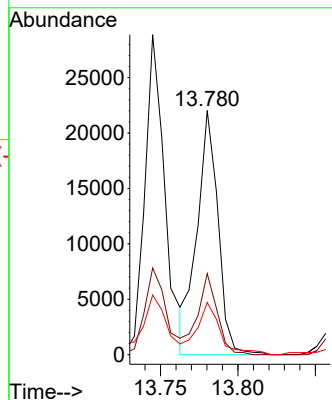
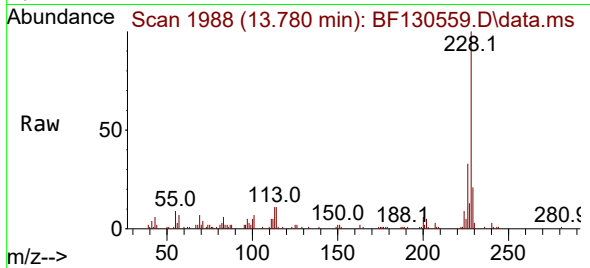




#83
Chrysene
Concen: 2.199 ng
RT: 13.780 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

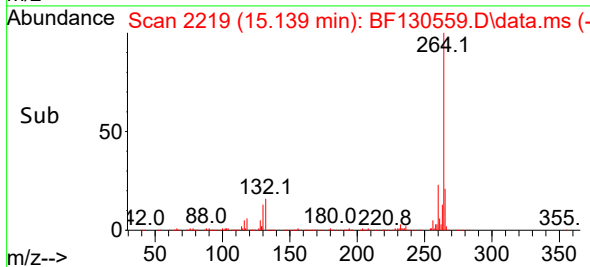
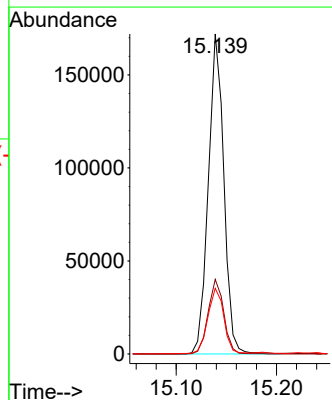
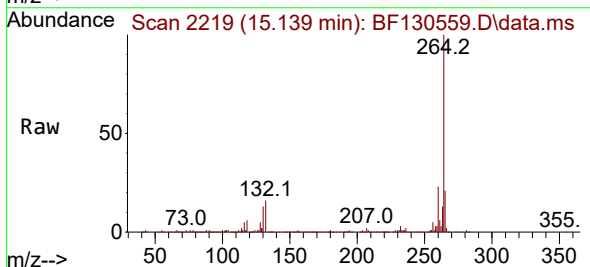
Instrument :
BNA_F
ClientSampleId :
SB-10-0-2.0-DUP

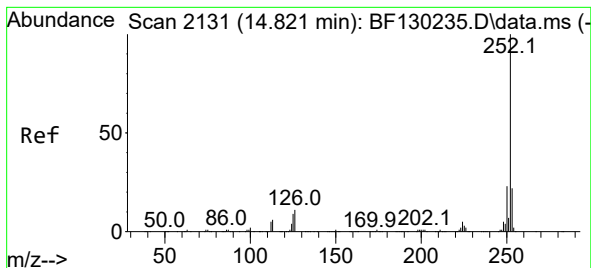
Tgt Ion:228 Resp: 20749
Ion Ratio Lower Upper
228 100
226 33.3 23.8 35.8
229 21.4 15.3 22.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.139 min Scan# 2219
Delta R.T. -0.006 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

Tgt Ion:264 Resp: 185463
Ion Ratio Lower Upper
264 100
260 23.3 19.3 28.9
265 20.5 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 3.762 ng

RT: 14.757 min Scan# 2154

Delta R.T. -0.006 min

Lab File: BF130559.D

Acq: 06 Oct 2022 19:51

Instrument :

BNA_F

ClientSampleId :

SB-10-0-2.0-DUP

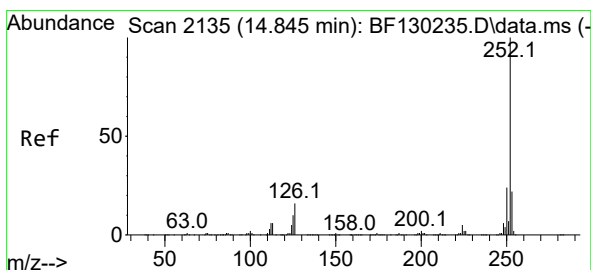
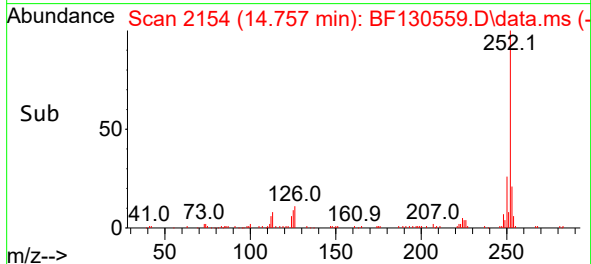
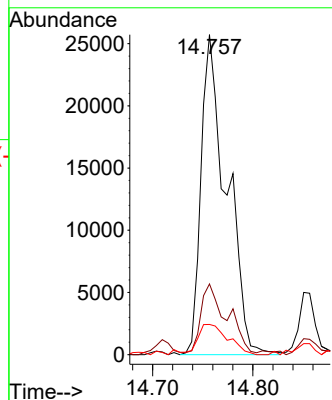
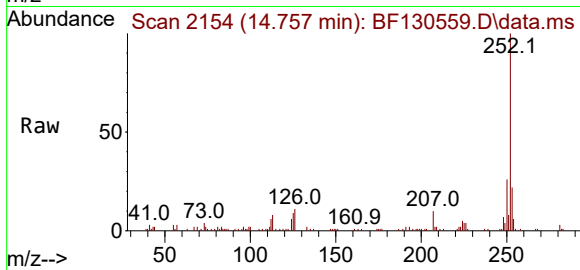
Tgt Ion:252 Resp: 45545

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.5 8.1 12.1



#89

Benzo(k)fluoranthene

Concen: 3.825 ng

RT: 14.757 min Scan# 2154

Delta R.T. -0.029 min

Lab File: BF130559.D

Acq: 06 Oct 2022 19:51

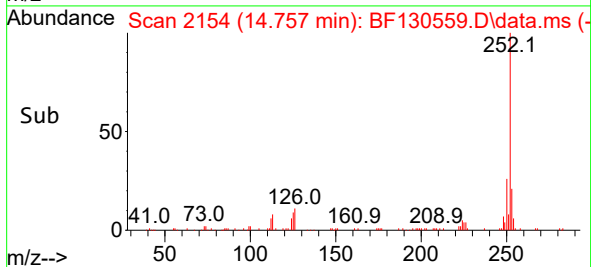
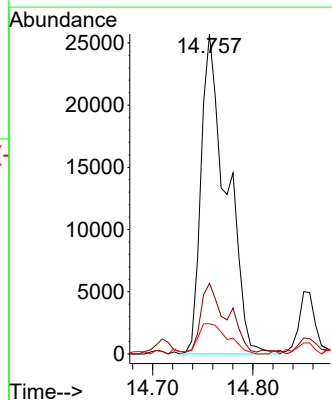
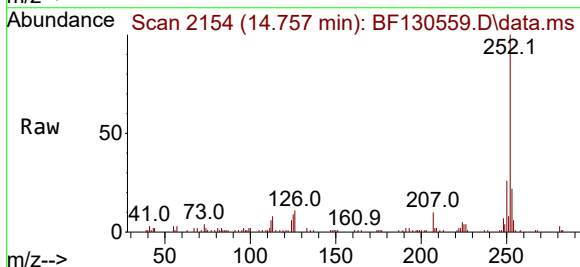
Tgt Ion:252 Resp: 45545

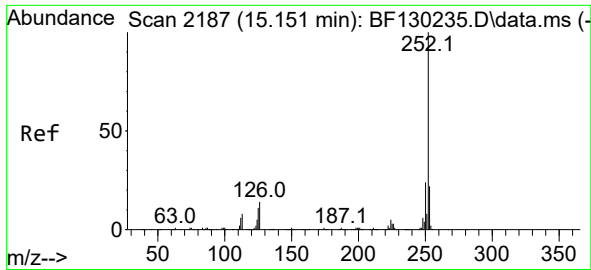
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

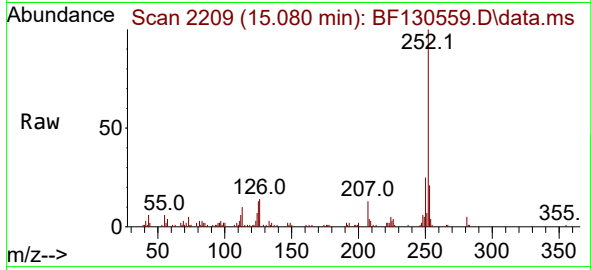
125 9.5 7.9 11.9





#90
Benzo(a)pyrene
Concen: 2.502 ng
RT: 15.080 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF130559.D
Acq: 06 Oct 2022 19:51

Instrument :
BNA_F
ClientSampleId :
SB-10-0-2.0-DUP



Tgt Ion:252 Resp: 23995
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 13.2 9.0 13.6

