

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131094.D
 Acq On : 09 Nov 2022 18:58
 Operator : CG\JU
 Sample : PB148886TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148886TB

Quant Time: Nov 10 04:32:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

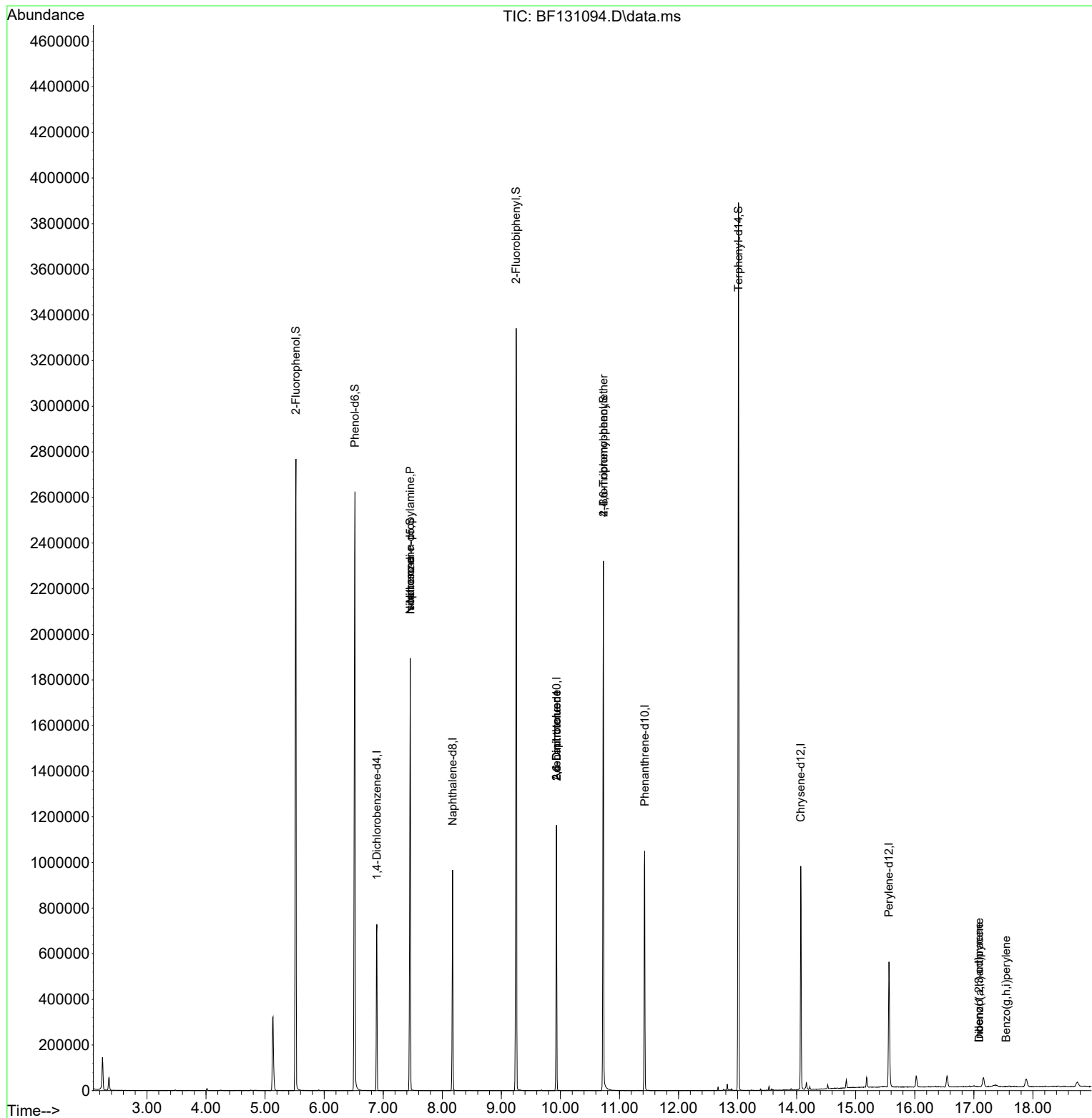
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	104264	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	399076	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	214434	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	400748	20.000	ng	0.00
76) Chrysene-d12	14.069	240	339404	20.000	ng	#-0.01
86) Perylene-d12	15.563	264	242633	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	747511	121.924	ng	0.02
7) Phenol-d6	6.522	99	955102	119.158	ng	0.00
23) Nitrobenzene-d5	7.457	82	637429	72.067	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	259781	117.223	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1122872	73.100	ng	0.00
79) Terphenyl-d14	13.016	244	1369052	70.724	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	88400	16.797	ng	# 74
25) Isophorone	7.457	82	637419	46.608	ng	# 68
51) 2,6-Dinitrotoluene	9.934	165	27646	8.247	ng	# 14
57) 2,4-Dinitrotoluene	9.934	165	27646	6.204	ng	# 16
67) 4-Bromophenyl-phenylether	10.728	248	15618	3.447	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.086	276	579	3.892	ng	# 69
91) Dibenzo(a,h)anthracene	17.092	278	401	3.862	ng	# 57
92) Benzo(g,h,i)perylene	17.545	276	373	4.386	ng	# 55

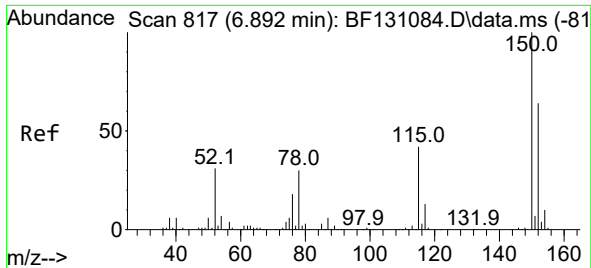
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131094.D
Acq On : 09 Nov 2022 18:58
Operator : CG\JU
Sample : PB148886TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB148886TB

Quant Time: Nov 10 04:32:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 04:15:17 2022
Response via : Initial Calibration

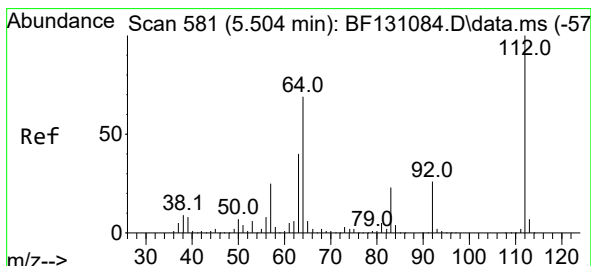
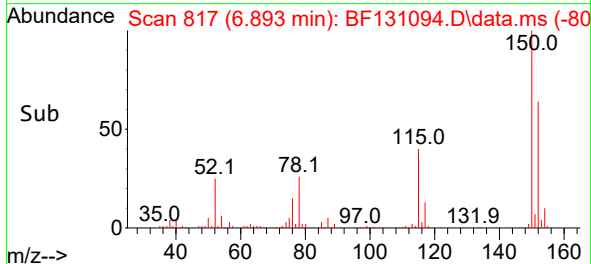
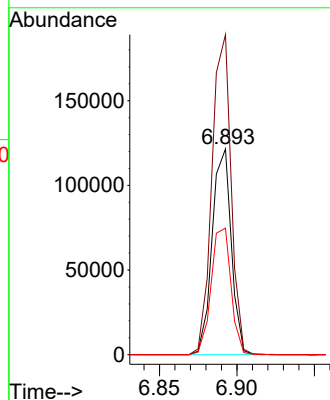
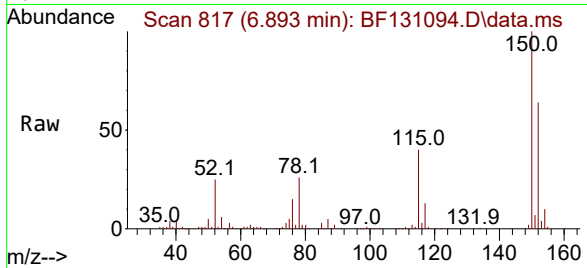




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF131094.D
Acq: 09 Nov 2022 18:58

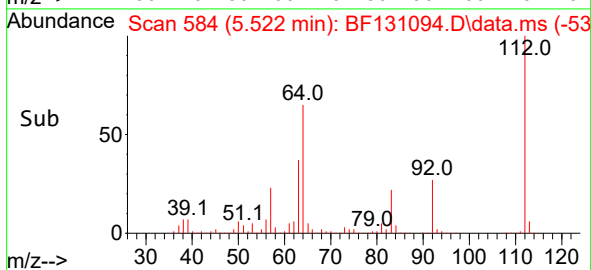
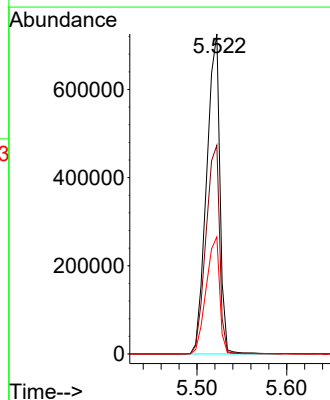
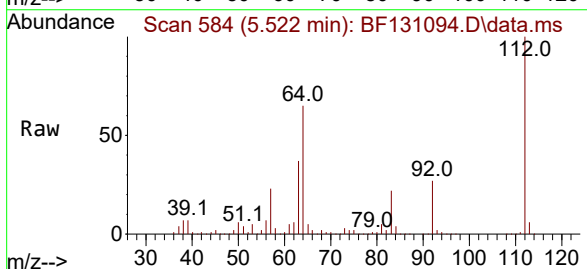
Instrument :
BNA_F
ClientSampleId :
PB148886TB

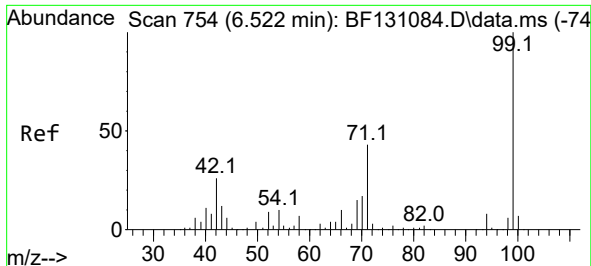
Tgt Ion:152 Resp: 104264
Ion Ratio Lower Upper
152 100
150 155.5 125.5 188.3
115 61.5 52.2 78.2



#5
2-Fluorophenol
Concen: 121.924 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.018 min
Lab File: BF131094.D
Acq: 09 Nov 2022 18:58

Tgt Ion:112 Resp: 747511
Ion Ratio Lower Upper
112 100
64 65.2 55.1 82.7
63 36.6 32.4 48.6

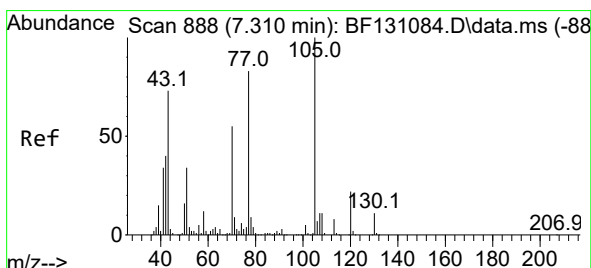
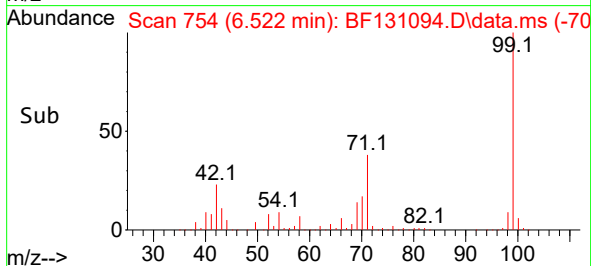
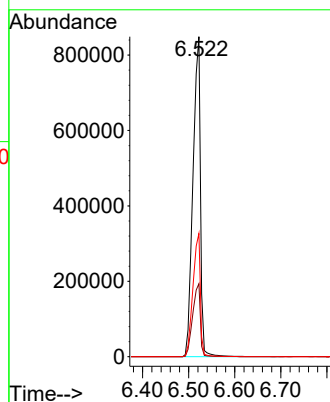
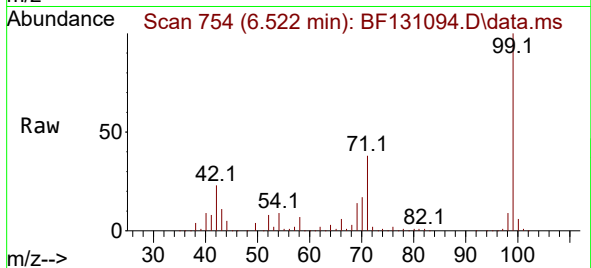




#7
Phenol-d6
Concen: 119.158 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131094.D
Acq: 09 Nov 2022 18:58

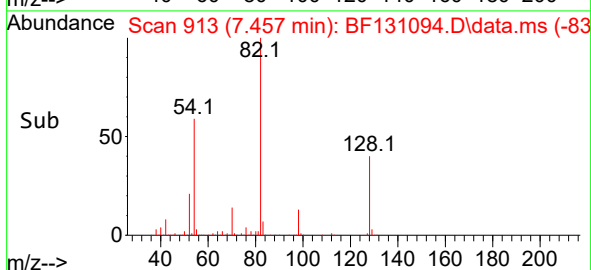
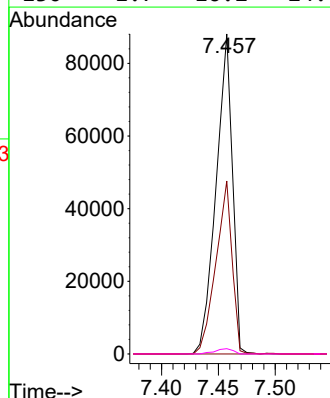
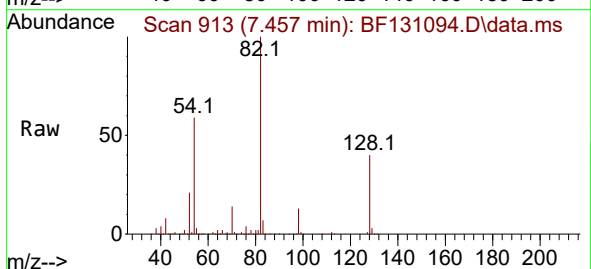
Instrument :
BNA_F
ClientSampleId :
PB148886TB

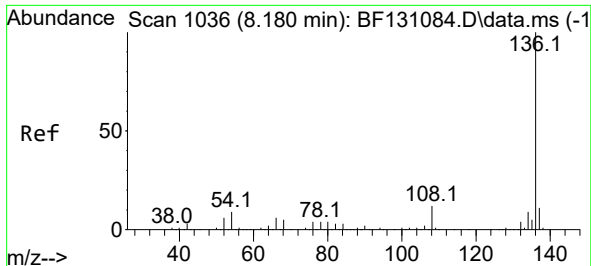
Tgt Ion: 99 Resp: 955102
Ion Ratio Lower Upper
99 100
42 22.8 20.8 31.2
71 38.5 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.797 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF131094.D
Acq: 09 Nov 2022 18:58

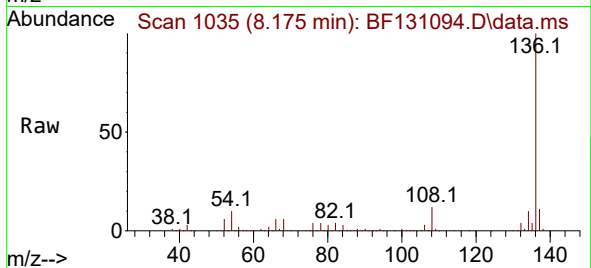
Tgt Ion: 70 Resp: 88400
Ion Ratio Lower Upper
70 100
42 54.0 58.3 87.5#
101 0.0 7.4 11.2#
130 1.7 16.2 24.4#



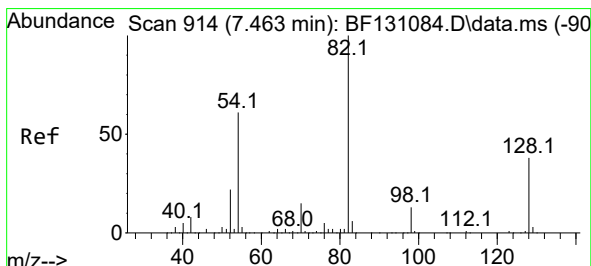
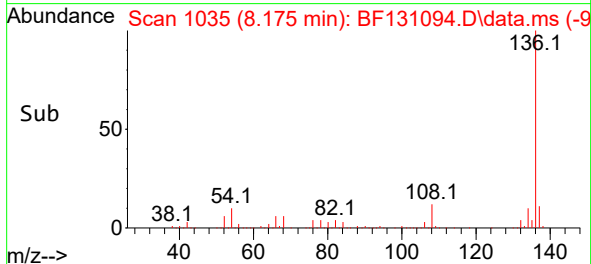
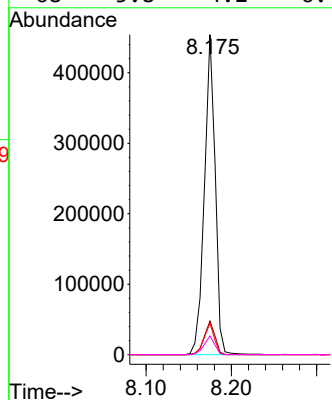


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BF131094.D
Acq: 09 Nov 2022 18:58

Instrument :
BNA_F
ClientSampleId :
PB148886TB

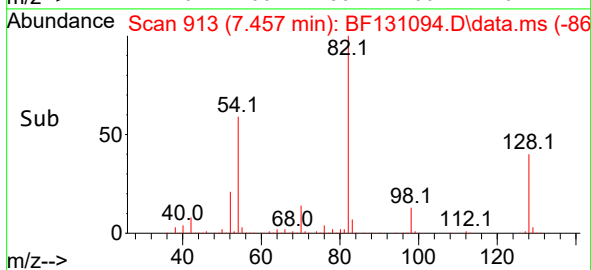
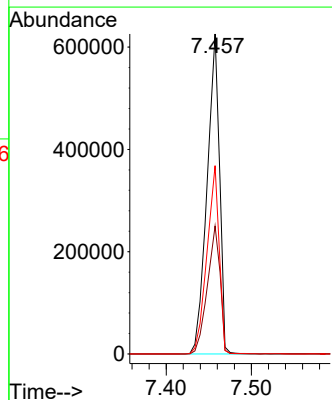
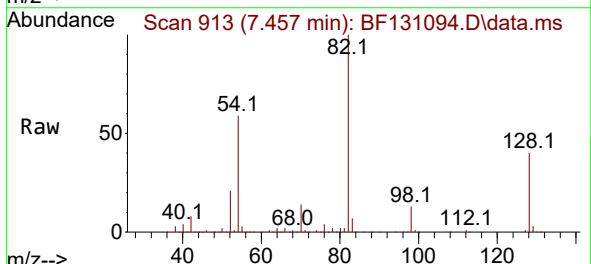


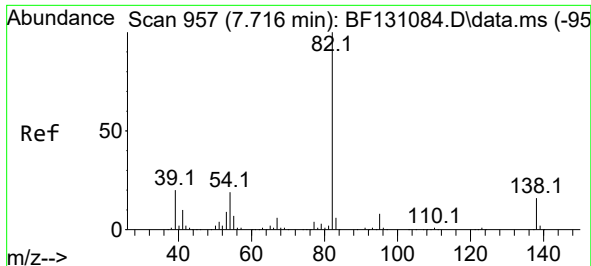
Tgt Ion:136 Resp: 399076
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.8 7.2 10.8
68 5.8 4.2 6.4



#23
Nitrobenzene-d5
Concen: 72.067 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131094.D
Acq: 09 Nov 2022 18:58

Tgt Ion: 82 Resp: 637429
Ion Ratio Lower Upper
82 100
128 40.0 30.5 45.7
54 58.9 49.1 73.7

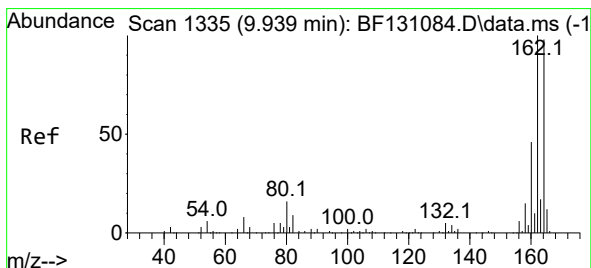
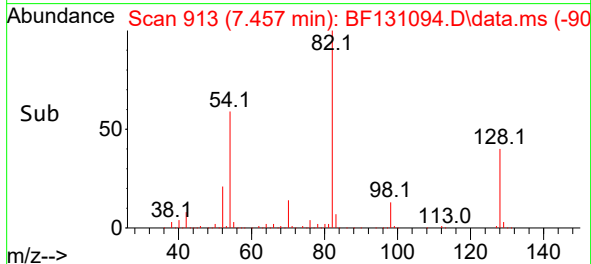
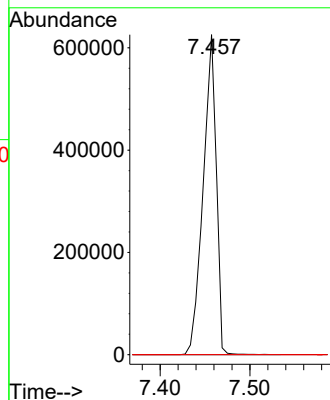
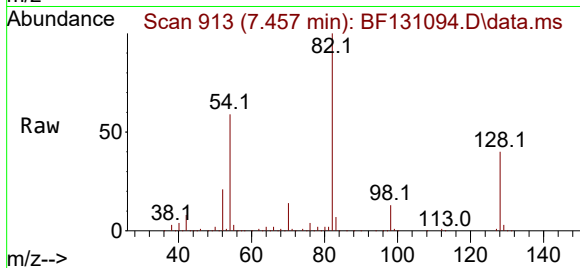




#25
Isophorone
Concen: 46.608 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131094.D
Acq: 09 Nov 2022 18:58

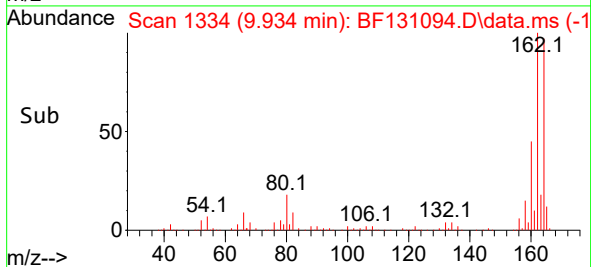
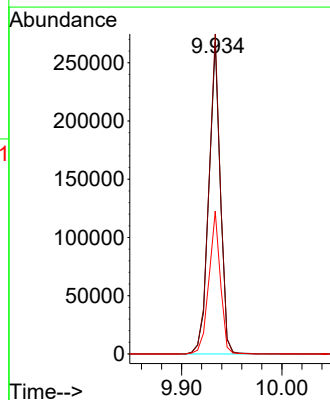
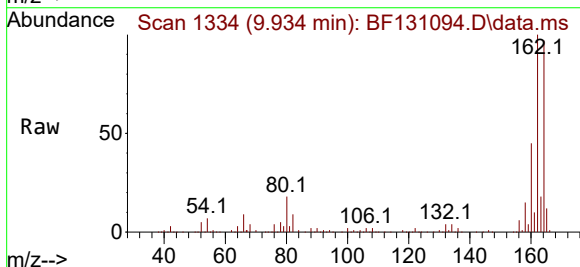
Instrument :
BNA_F
ClientSampleId :
PB148886TB

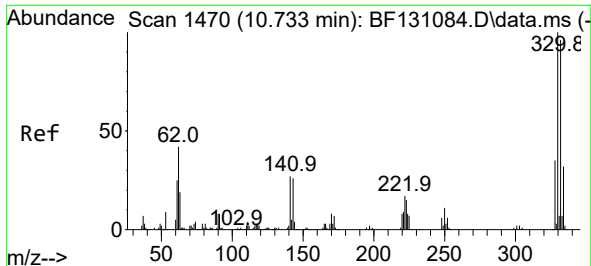
Tgt Ion: 82 Resp: 637419
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.005 min
Lab File: BF131094.D
Acq: 09 Nov 2022 18:58

Tgt Ion:164 Resp: 214434
Ion Ratio Lower Upper
164 100
162 102.7 81.7 122.5
160 45.8 37.4 56.2

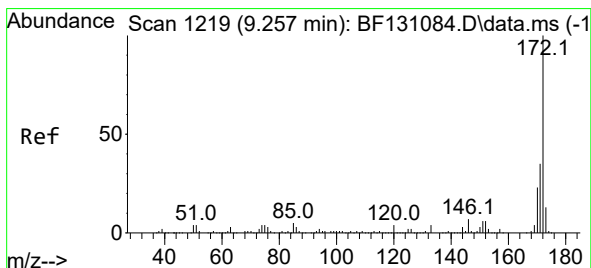
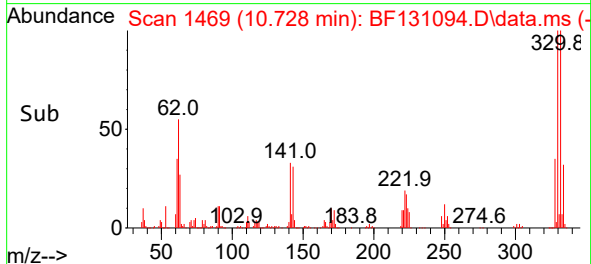
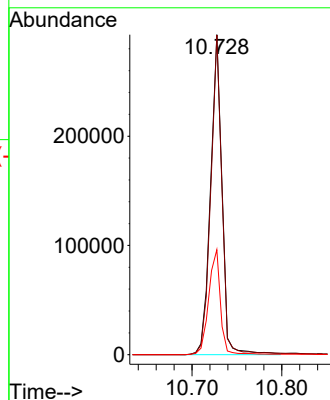
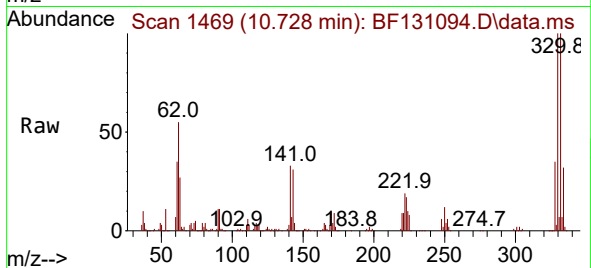




#42
2,4,6-Tribromophenol
Concen: 117.223 ng
RT: 10.728 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF131094.D
Acq: 09 Nov 2022 18:58

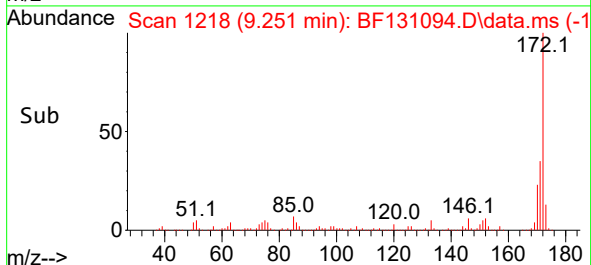
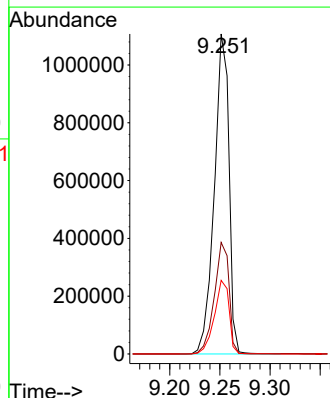
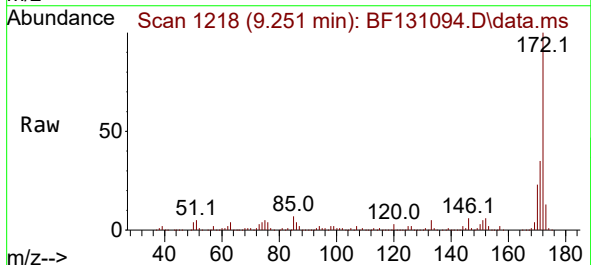
Instrument :
BNA_F
ClientSampleId :
PB148886TB

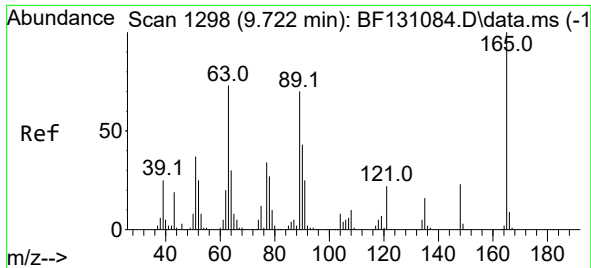
Tgt Ion:330 Resp: 259781
Ion Ratio Lower Upper
330 100
332 98.5 77.0 115.4
141 34.0 28.5 42.7



#45
2-Fluorobiphenyl
Concen: 73.100 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF131094.D
Acq: 09 Nov 2022 18:58

Tgt Ion:172 Resp: 1122872
Ion Ratio Lower Upper
172 100
171 34.8 27.7 41.5
170 23.0 18.8 28.2

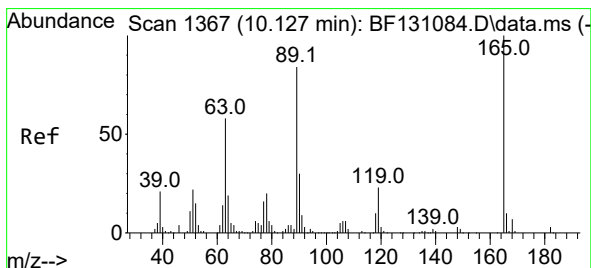
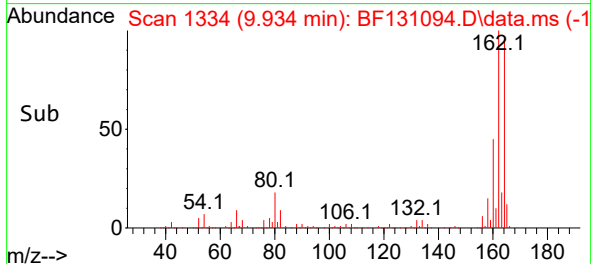
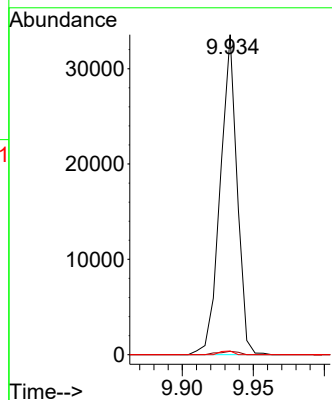
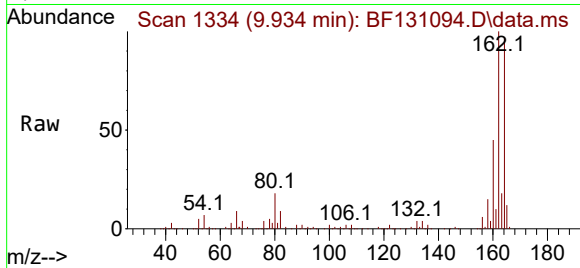




#51
2,6-Dinitrotoluene
Concen: 8.247 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF131094.D
Acq: 09 Nov 2022 18:58

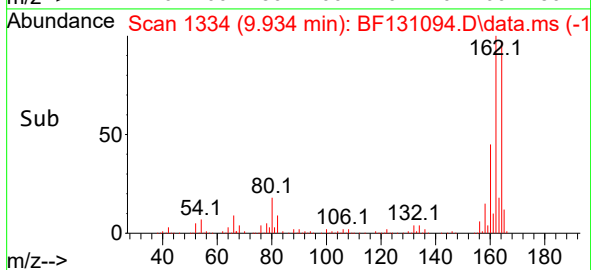
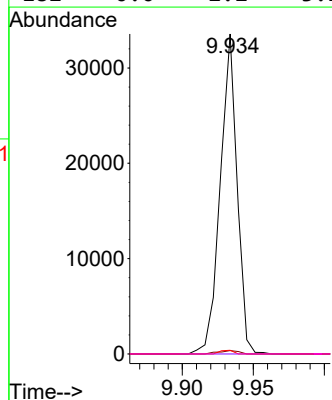
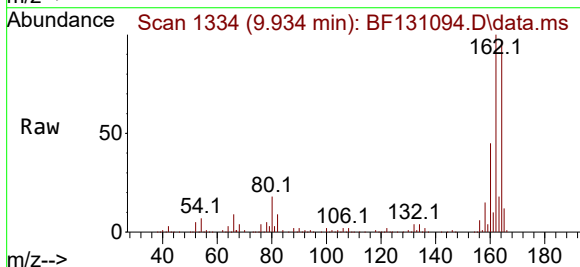
Instrument :
BNA_F
ClientSampleId :
PB148886TB

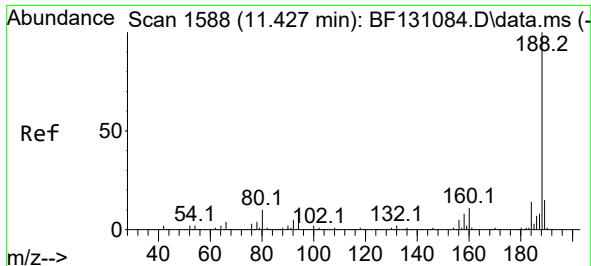
Tgt Ion:165 Resp: 27646
Ion Ratio Lower Upper
165 100
63 1.1 61.4 92.2#
89 1.2 56.0 84.0#



#57
2,4-Dinitrotoluene
Concen: 6.204 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131094.D
Acq: 09 Nov 2022 18:58

Tgt Ion:165 Resp: 27646
Ion Ratio Lower Upper
165 100
63 1.1 46.9 70.3#
89 1.2 66.9 100.3#
182 0.0 2.2 3.2#

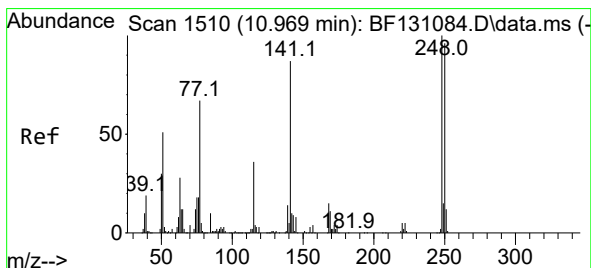
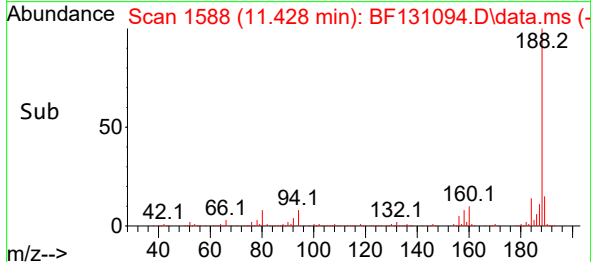
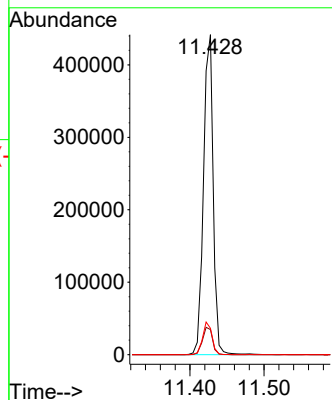
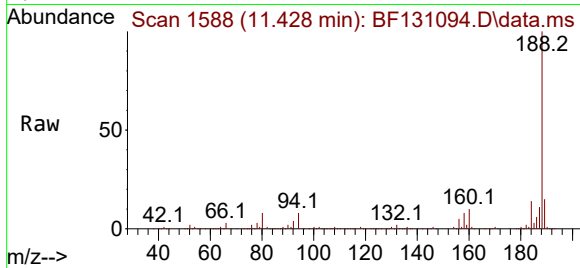




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF131094.D
Acq: 09 Nov 2022 18:58

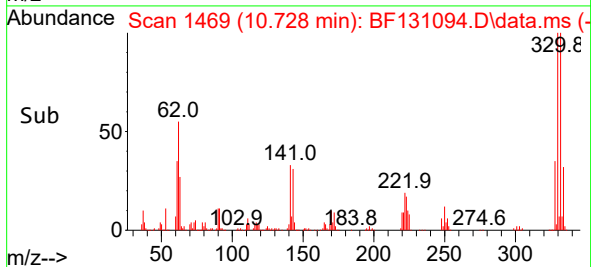
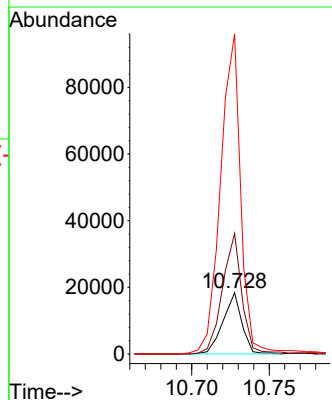
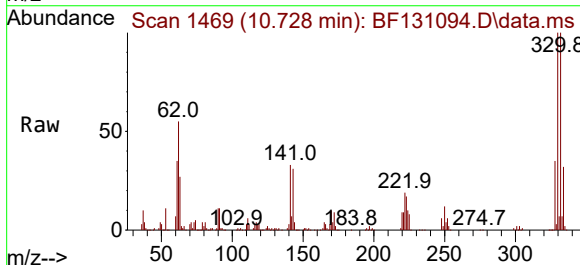
Instrument :
BNA_F
ClientSampleId :
PB148886TB

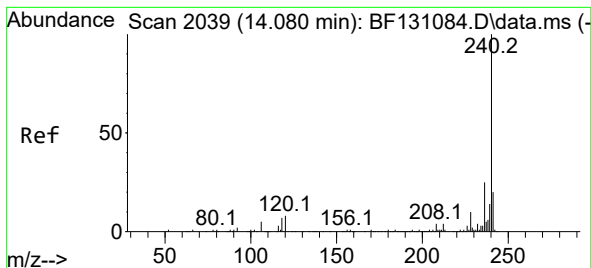
Tgt Ion:188 Resp: 400748
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 8.3 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.447 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF131094.D
Acq: 09 Nov 2022 18:58

Tgt Ion:248 Resp: 15618
Ion Ratio Lower Upper
248 100
250 196.7 77.0 115.6#
141 522.7 69.7 104.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2037

Delta R.T. -0.011 min

Lab File: BF131094.D

Acq: 09 Nov 2022 18:58

Instrument :

BNA_F

ClientSampleId :

PB148886TB

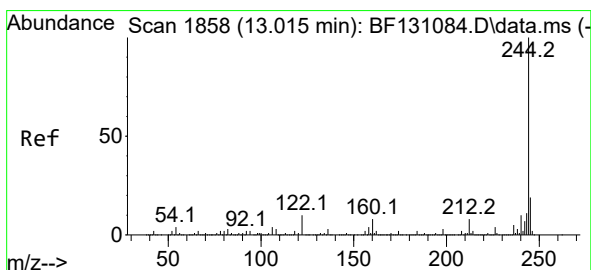
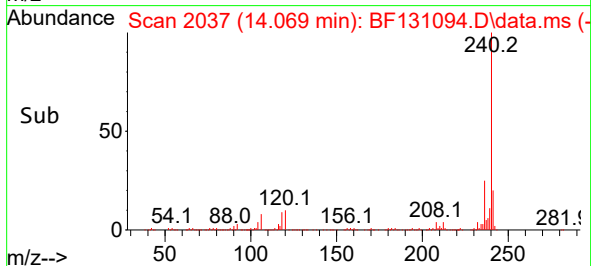
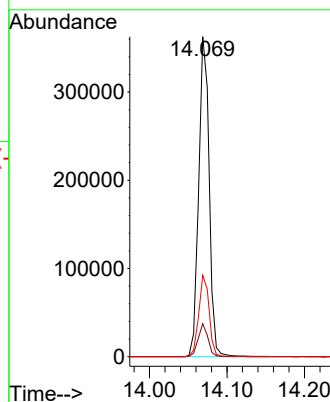
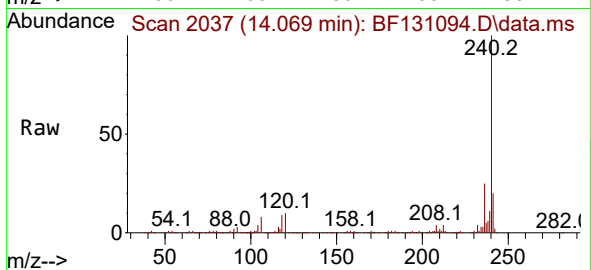
Tgt Ion:240 Resp: 339404

Ion Ratio Lower Upper

240 100

120 10.3 6.5 9.7#

236 25.5 19.7 29.5



#79

Terphenyl-d14

Concen: 70.724 ng

RT: 13.016 min Scan# 1858

Delta R.T. 0.001 min

Lab File: BF131094.D

Acq: 09 Nov 2022 18:58

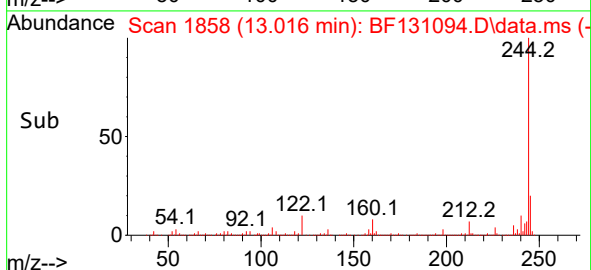
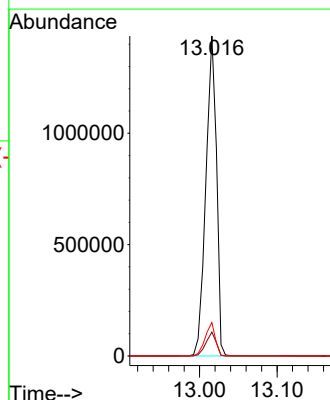
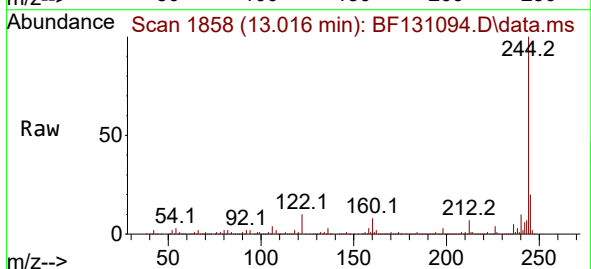
Tgt Ion:244 Resp: 1369052

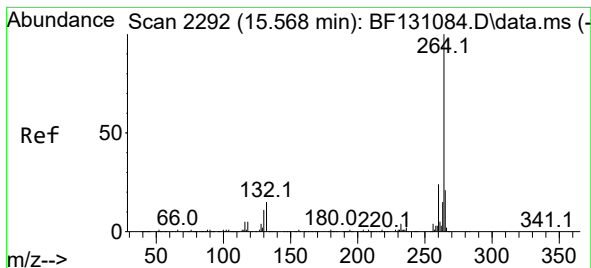
Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

122 10.4 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131094.D

Acq: 09 Nov 2022 18:58

Instrument :

BNA_F

ClientSampleId :

PB148886TB

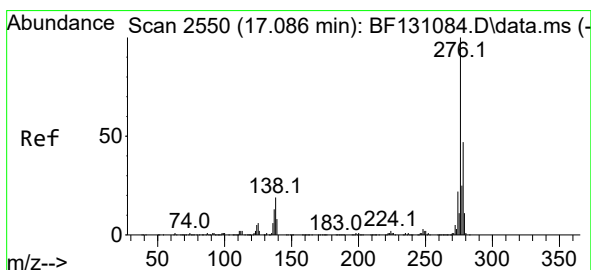
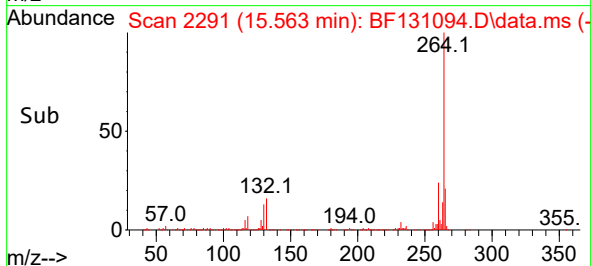
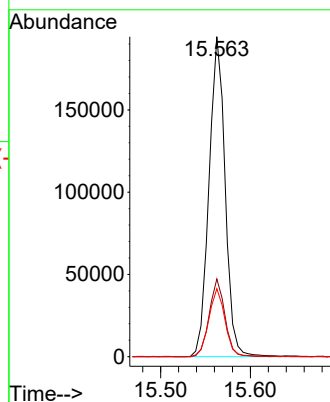
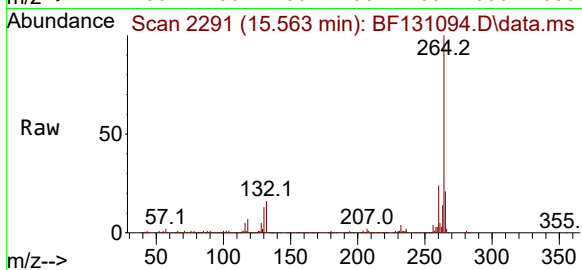
Tgt Ion:264 Resp: 242633

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 21.3 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.892 ng

RT: 17.086 min Scan# 2550

Delta R.T. 0.000 min

Lab File: BF131094.D

Acq: 09 Nov 2022 18:58

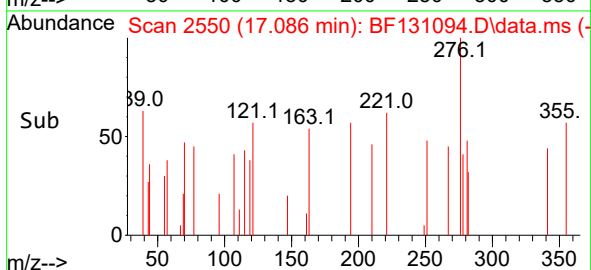
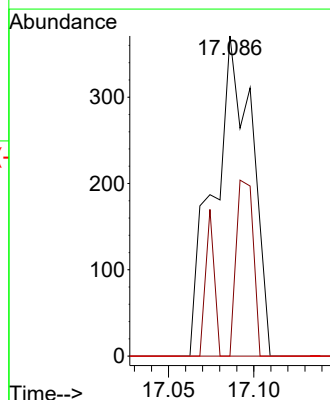
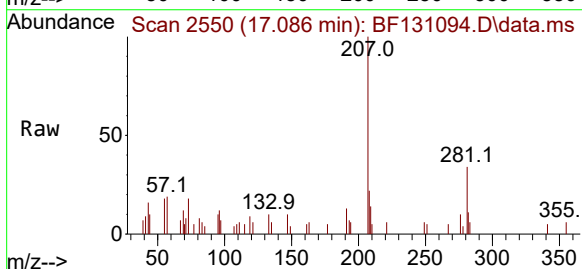
Tgt Ion:276 Resp: 579

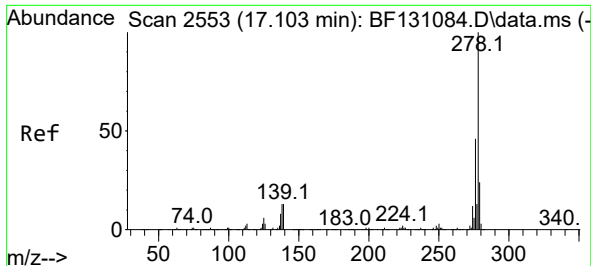
Ion Ratio Lower Upper

276 100

138 24.5 16.9 25.3

277 0.0 20.3 30.5#

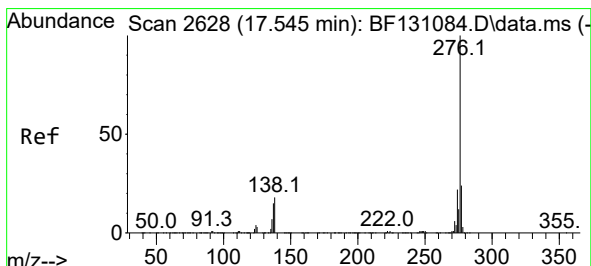
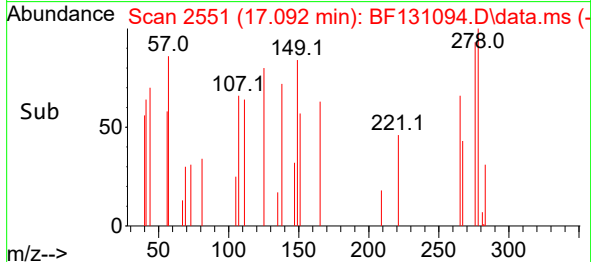
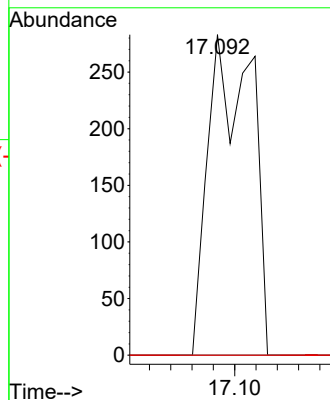
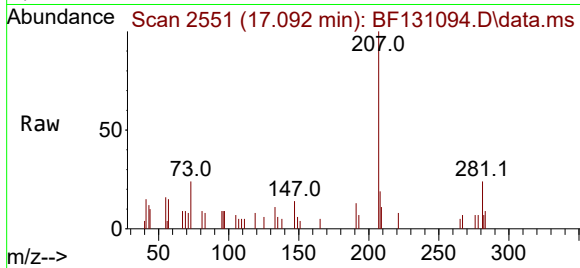




#91
Dibenzo(a,h)anthracene
Concen: 3.862 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF131094.D
Acq: 09 Nov 2022 18:58

Instrument :
BNA_F
ClientSampleId :
PB148886TB

Tgt Ion:278 Resp: 401
Ion Ratio Lower Upper
278 100
139 0.0 10.8 16.2#
279 0.0 19.2 28.8#



#92
Benzo(g,h,i)perylene
Concen: 4.386 ng
RT: 17.545 min Scan# 2628
Delta R.T. -0.000 min
Lab File: BF131094.D
Acq: 09 Nov 2022 18:58

Tgt Ion:276 Resp: 373
Ion Ratio Lower Upper
276 100
277 0.0 19.0 28.4#
138 0.0 14.6 21.8#

