

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131107.D
 Acq On : 10 Nov 2022 01:35
 Operator : CG\JU
 Sample : N5491-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Nov 10 04:35:35 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)

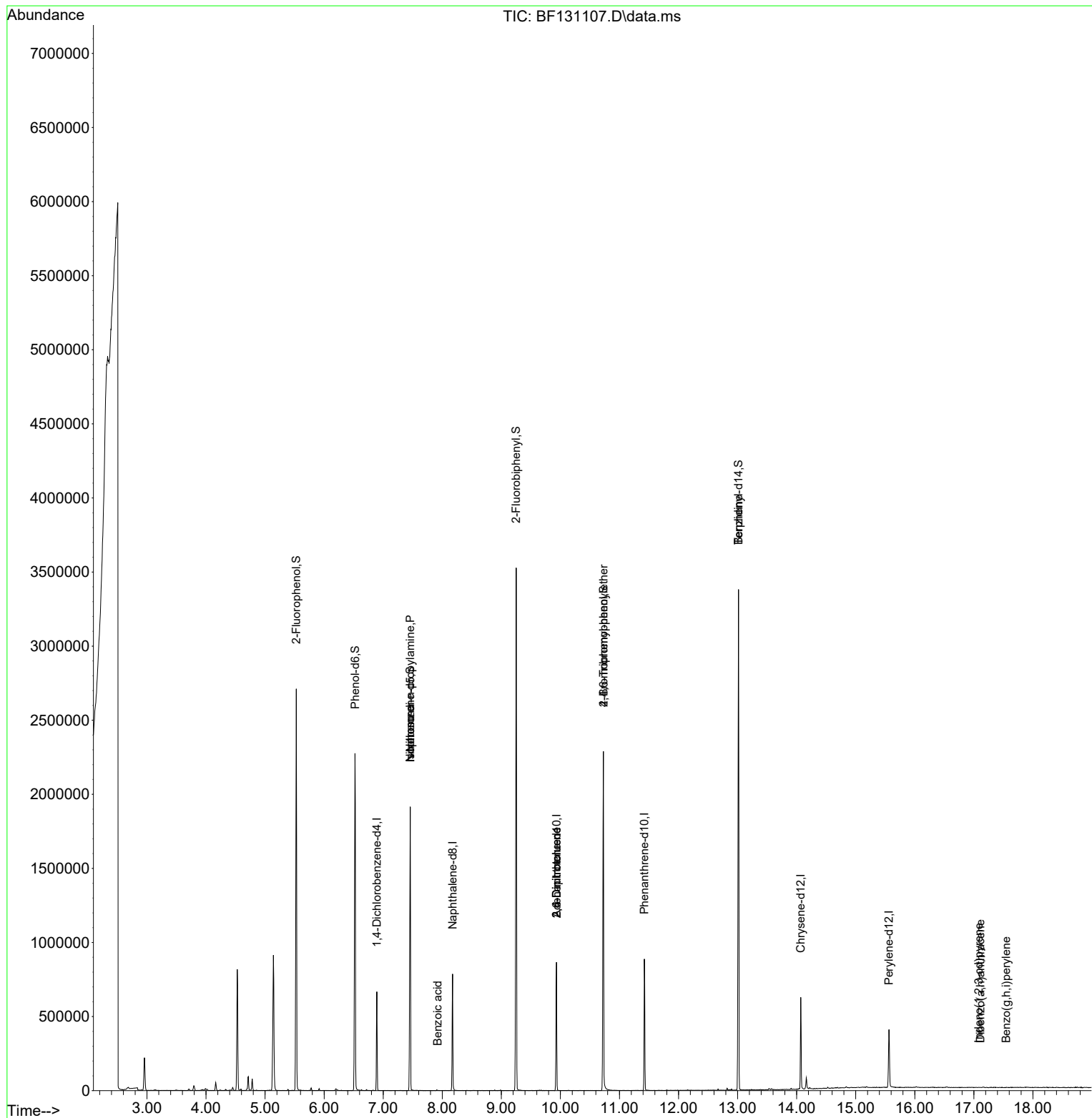
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	83046	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	315972	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	172298	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	315028	20.000	ng	0.00
76) Chrysene-d12	14.069	240	203266	20.000	ng	#-0.01
86) Perylene-d12	15.563	264	174252	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	687251	140.735	ng	0.02
7) Phenol-d6	6.522	99	797735	124.953	ng	0.00
23) Nitrobenzene-d5	7.457	82	615124	87.836	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	273745	153.733	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1114222	90.275	ng	0.00
79) Terphenyl-d14	13.016	244	1205212	103.959	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	83681	19.963	ng	# 74
25) Isophorone	7.457	82	615114	56.806	ng	# 68
32) Benzoic acid	7.922	122	79	5.739	ng	# 78
51) 2,6-Dinitrotoluene	9.934	165	22080	8.198	ng	# 14
57) 2,4-Dinitrotoluene	9.934	165	22080	6.167	ng	# 16
67) 4-Bromophenyl-phenylether	10.728	248	17216	4.833	ng	# 1
77) Benzidine	13.016	184	17624	2.939	ng	# 92
87) Indeno(1,2,3-cd)pyrene	17.080	276	212	3.879	ng	# 52
91) Dibenzo(a,h)anthracene	17.110	278	53	3.843	ng	# 57
92) Benzo(g,h,i)perylene	17.545	276	74	4.371	ng	# 55

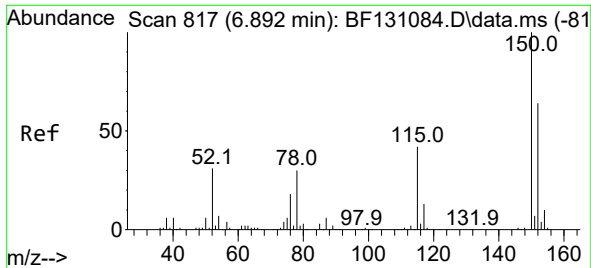
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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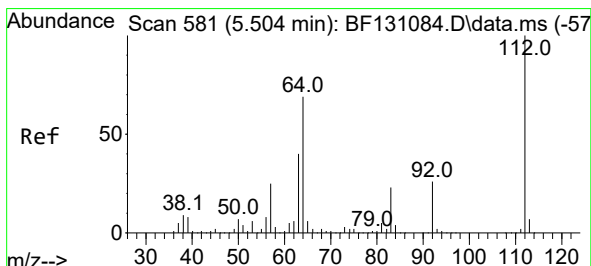
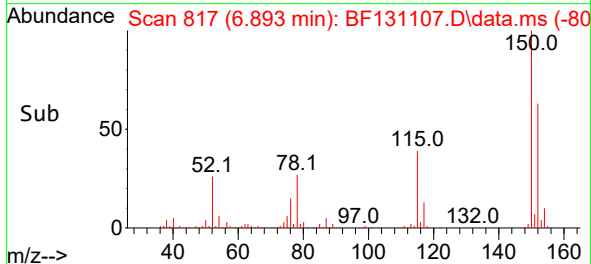
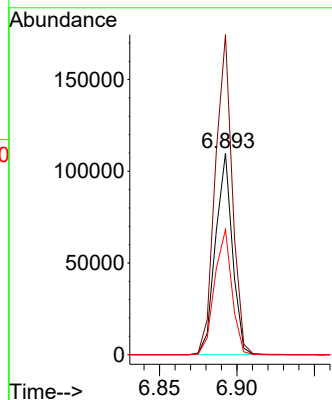
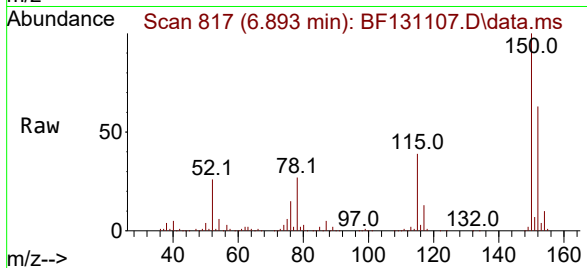




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

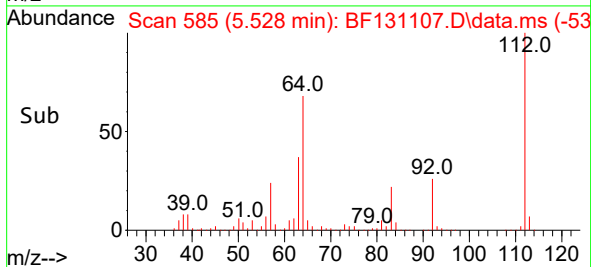
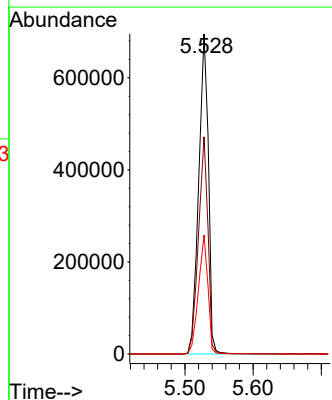
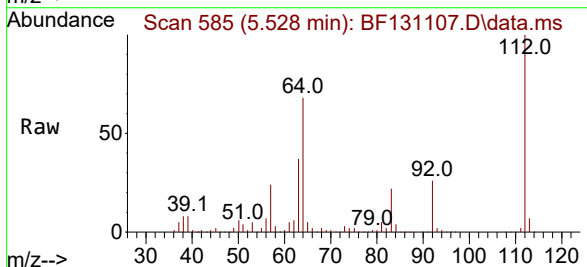
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BNA_F
ClientSampleId :
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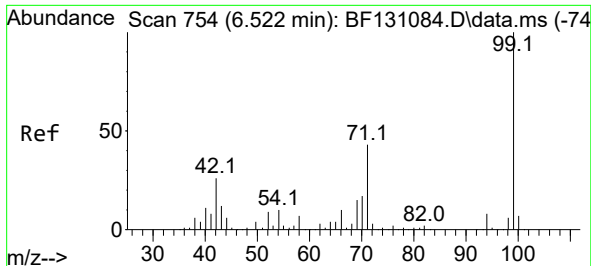
Tgt Ion:152 Resp: 83046
Ion Ratio Lower Upper
152 100
150 158.7 125.5 188.3
115 62.0 52.2 78.2



#5
2-Fluorophenol
Concen: 140.735 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.024 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

Tgt Ion:112 Resp: 687251
Ion Ratio Lower Upper
112 100
64 67.8 55.1 82.7
63 37.1 32.4 48.6

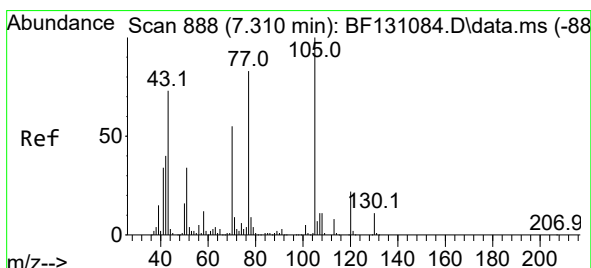
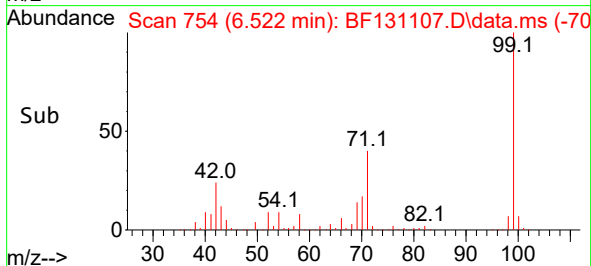
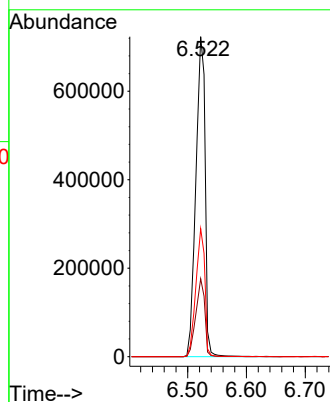
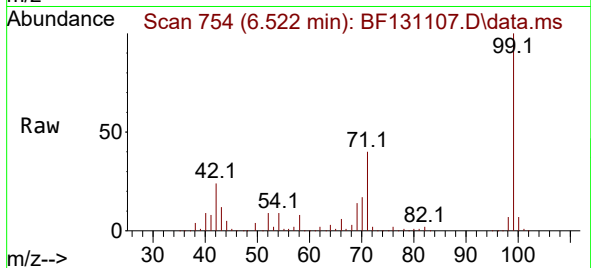




#7
Phenol-d6
Concen: 124.953 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

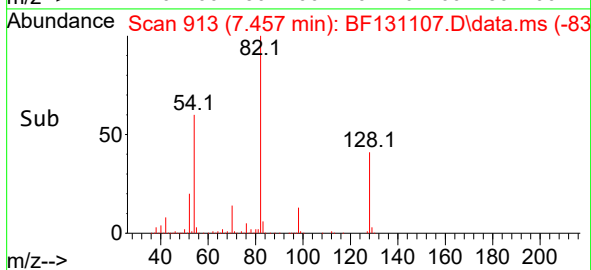
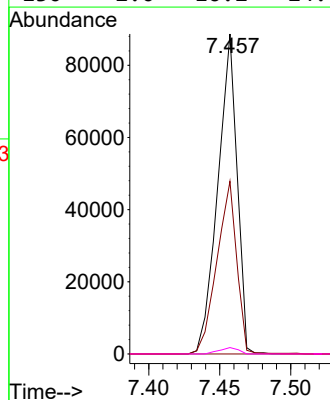
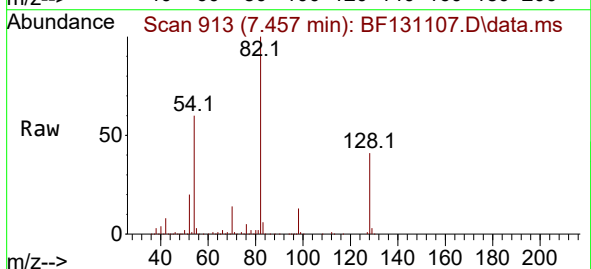
Instrument :
BNA_F
ClientSampleId :
TP-1

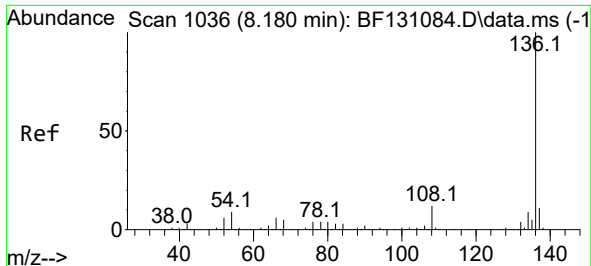
Tgt Ion: 99 Resp: 797735
Ion Ratio Lower Upper
99 100
42 24.4 20.8 31.2
71 40.0 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.963 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

Tgt Ion: 70 Resp: 83681
Ion Ratio Lower Upper
70 100
42 54.0 58.3 87.5#
101 0.0 7.4 11.2#
130 2.0 16.2 24.4#

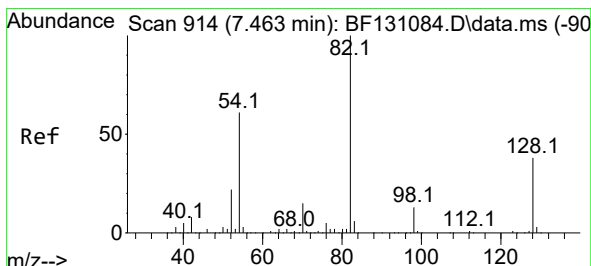
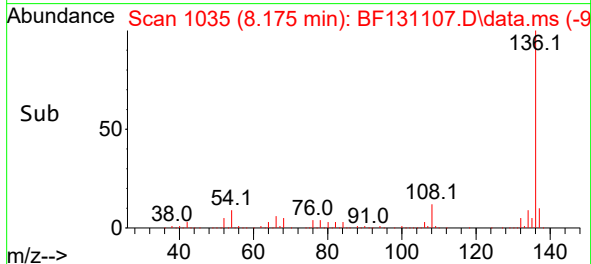
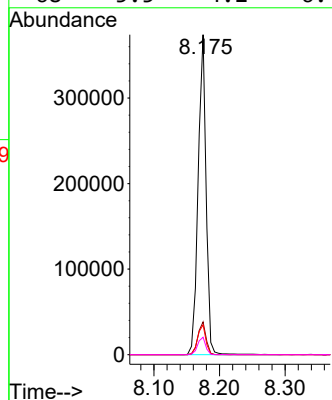
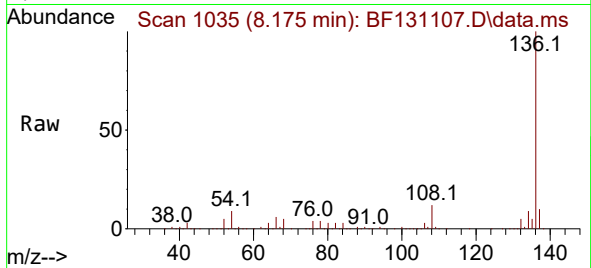




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

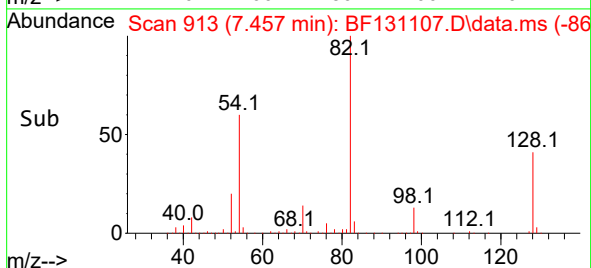
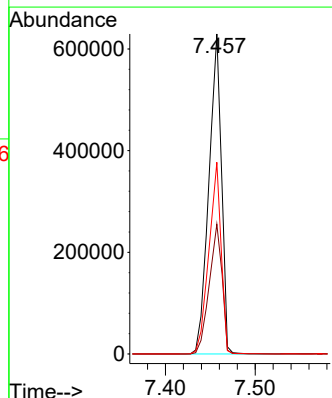
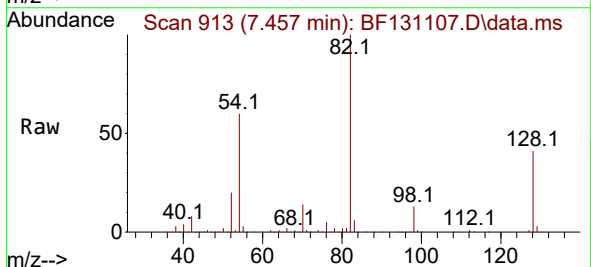
Instrument :
BNA_F
ClientSampleId :
TP-1

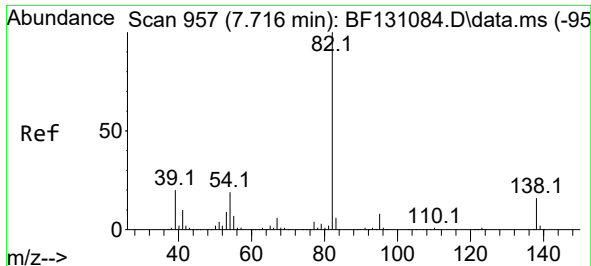
Tgt Ion:136 Resp: 315972
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 9.3 7.2 10.8
68 5.5 4.2 6.4



#23
Nitrobenzene-d5
Concen: 87.836 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

Tgt Ion: 82 Resp: 615124
Ion Ratio Lower Upper
82 100
128 40.6 30.5 45.7
54 59.9 49.1 73.7

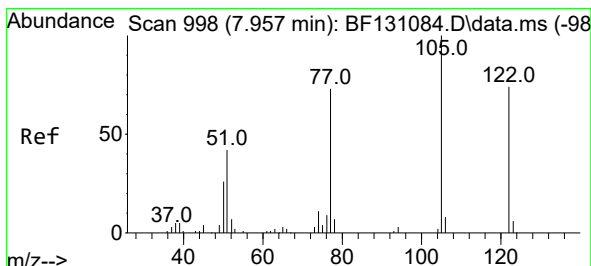
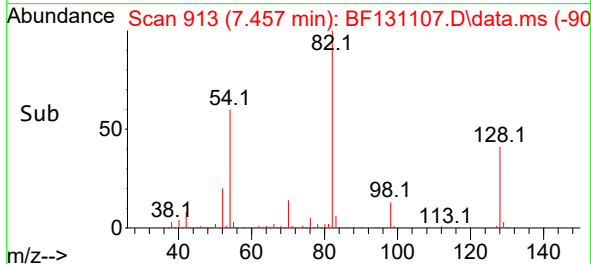
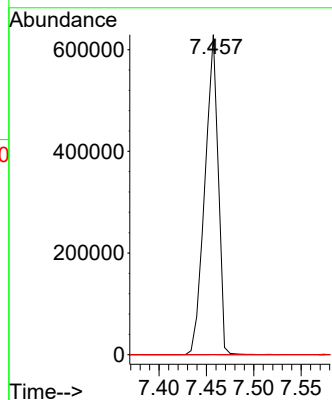
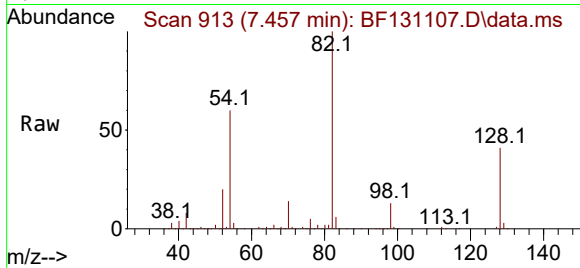




#25
Isophorone
Concen: 56.806 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

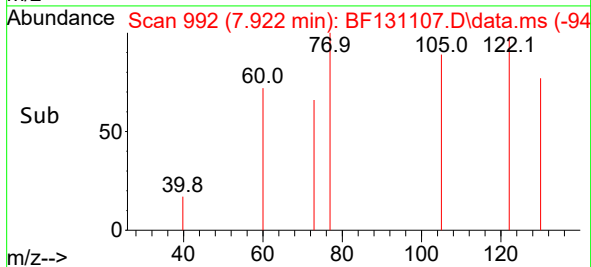
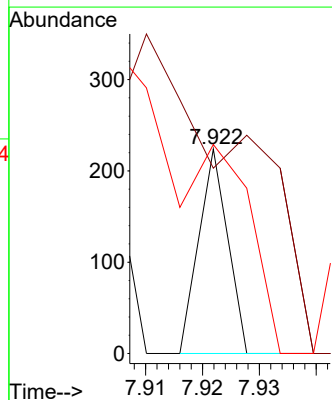
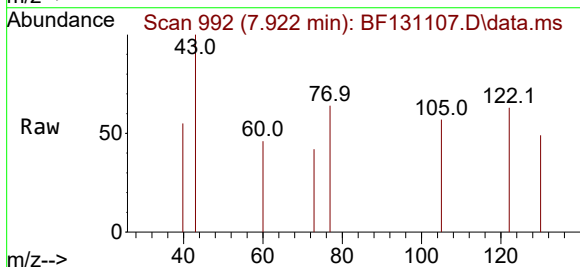
Instrument :
BNA_F
ClientSampleId :
TP-1

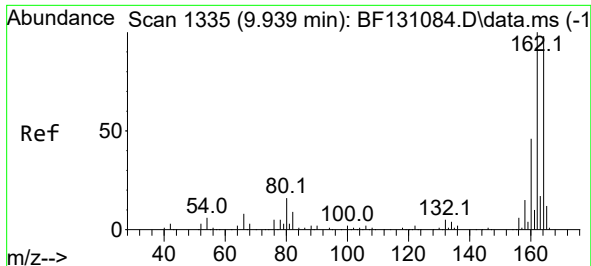
Tgt Ion: 82 Resp: 615114
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#32
Benzoic acid
Concen: 5.739 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.035 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

Tgt Ion:122 Resp: 79
Ion Ratio Lower Upper
122 100
105 90.6 113.0 153.0#
77 102.2 78.7 118.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF131107.D

Acq: 10 Nov 2022 01:35

Instrument :

BNA_F

ClientSampleId :

TP-1

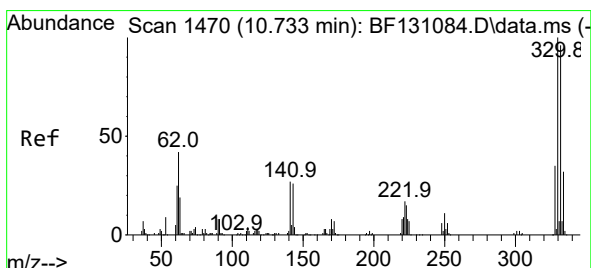
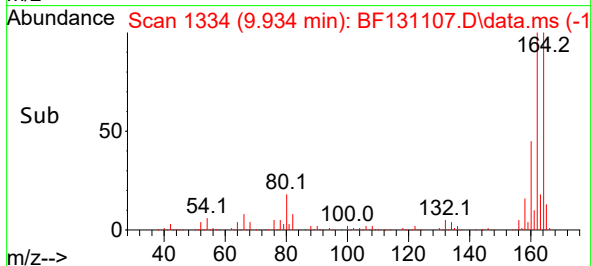
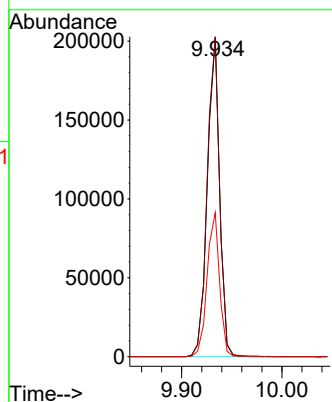
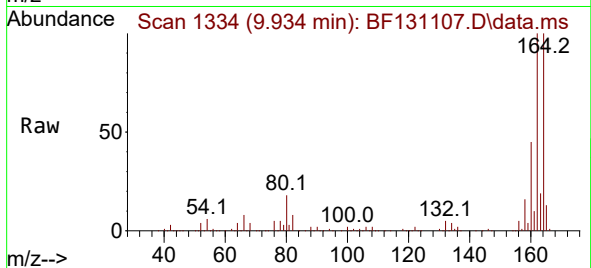
Tgt Ion:164 Resp: 172298

Ion Ratio Lower Upper

164 100

162 100.4 81.7 122.5

160 45.2 37.4 56.2



#42

2,4,6-Tribromophenol

Concen: 153.733 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131107.D

Acq: 10 Nov 2022 01:35

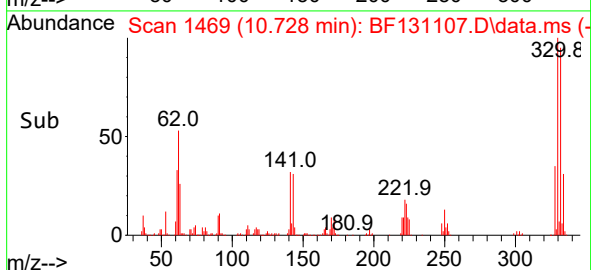
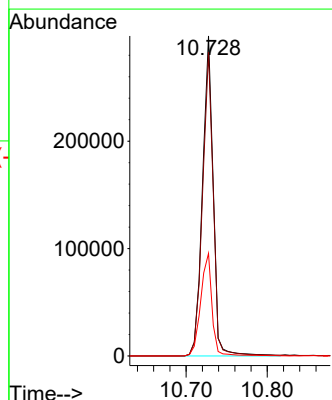
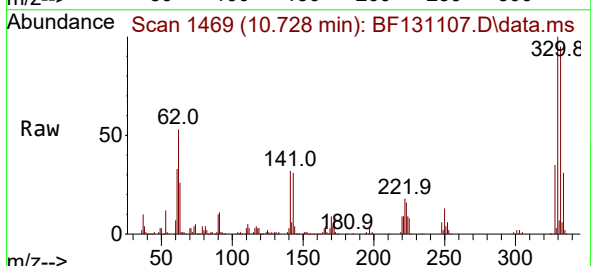
Tgt Ion:330 Resp: 273745

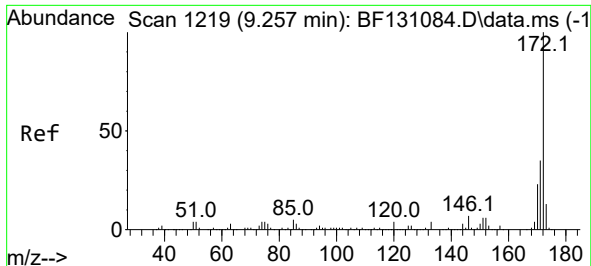
Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.4

141 34.0 28.5 42.7





#45

2-Fluorobiphenyl

Concen: 90.275 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131107.D

Acq: 10 Nov 2022 01:35

Instrument :

BNA_F

ClientSampleId :

TP-1

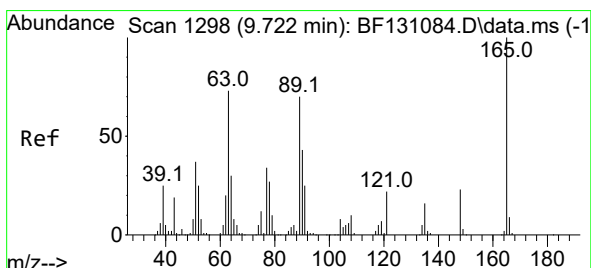
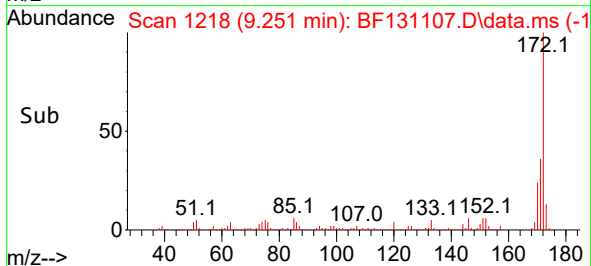
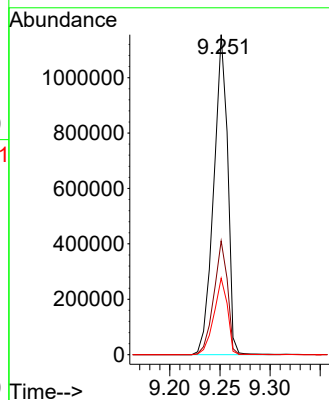
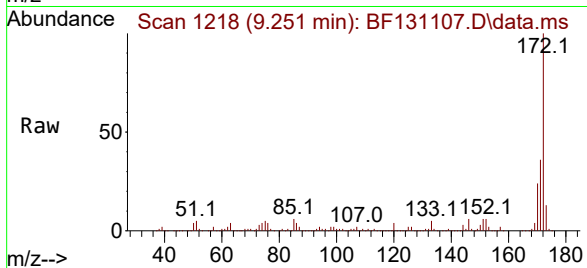
Tgt Ion:172 Resp: 1114222

Ion Ratio Lower Upper

172 100

171 35.5 27.7 41.5

170 23.9 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 8.198 ng

RT: 9.934 min Scan# 1334

Delta R.T. 0.212 min

Lab File: BF131107.D

Acq: 10 Nov 2022 01:35

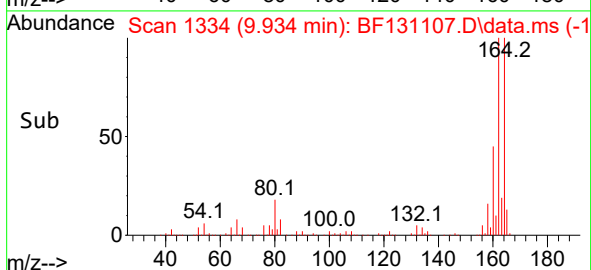
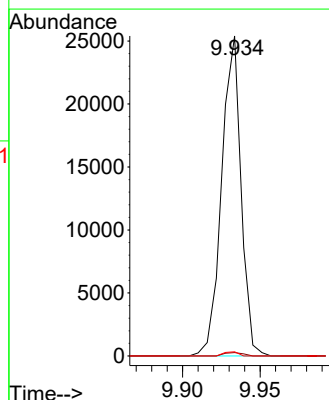
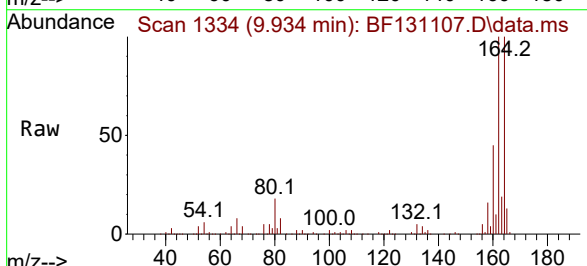
Tgt Ion:165 Resp: 22080

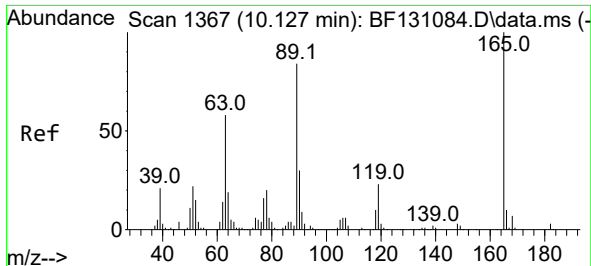
Ion Ratio Lower Upper

165 100

63 1.1 61.4 92.2#

89 1.3 56.0 84.0#

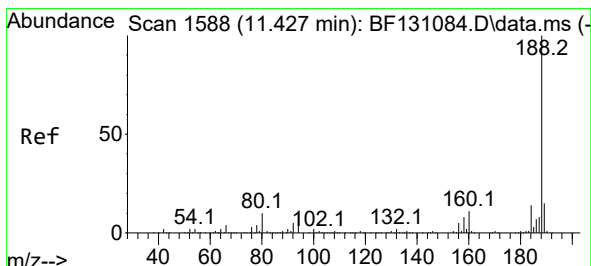
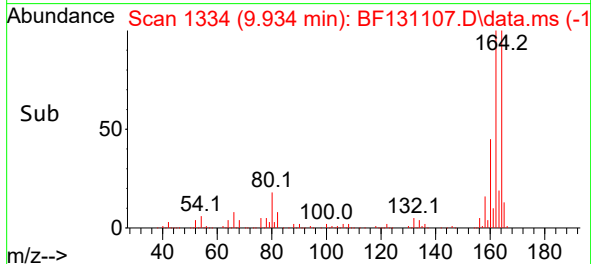
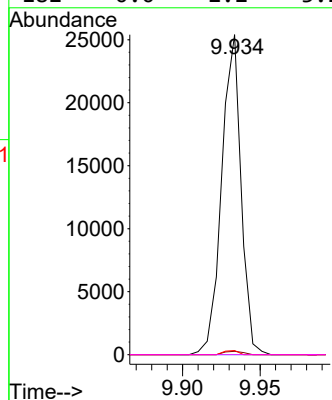
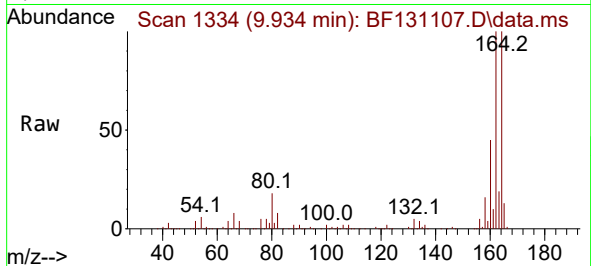




#57
2,4-Dinitrotoluene
Concen: 6.167 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

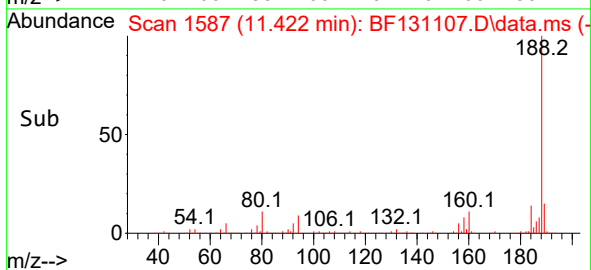
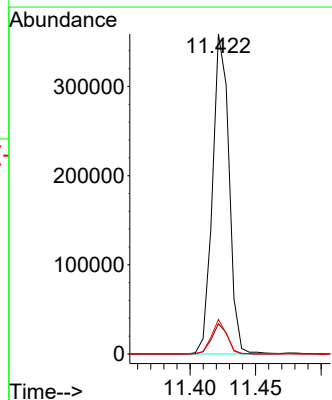
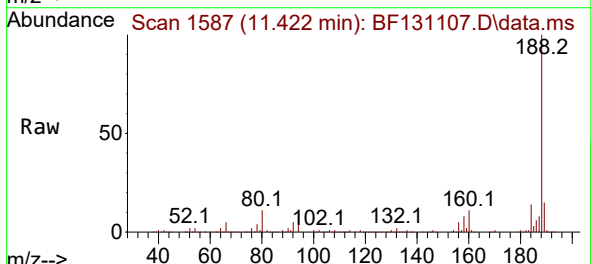
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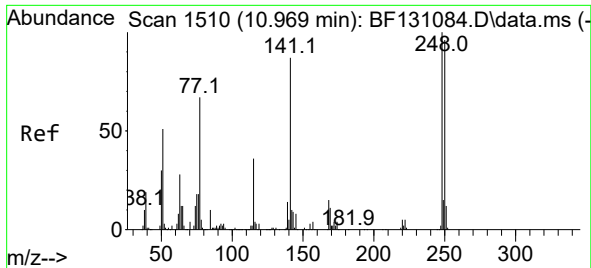
Tgt Ion:165 Resp: 22080
Ion Ratio Lower Upper
165 100
63 1.1 46.9 70.3#
89 1.3 66.9 100.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.005 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

Tgt Ion:188 Resp: 315028
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.8 7.9 11.9

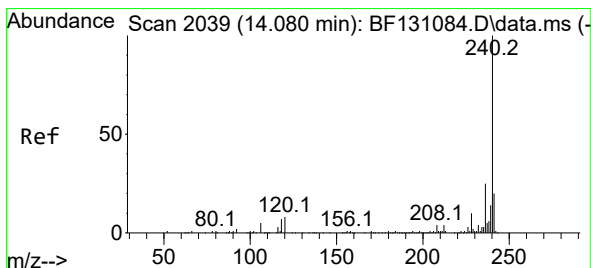
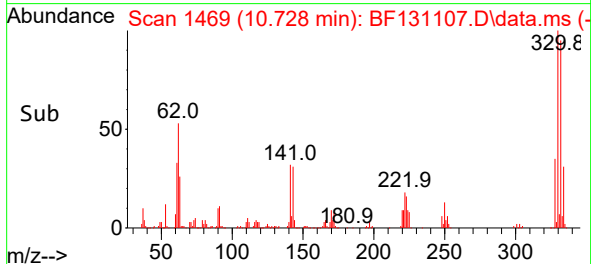
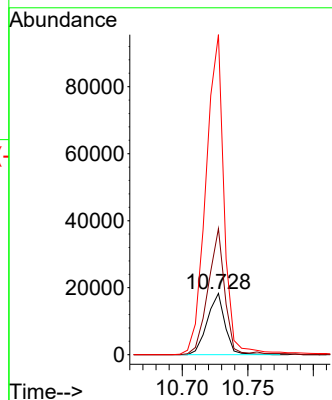
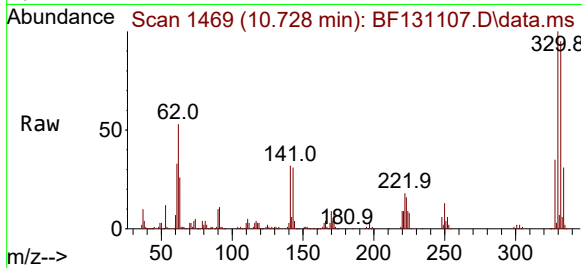




#67
4-Bromophenyl-phenylether
Concen: 4.833 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

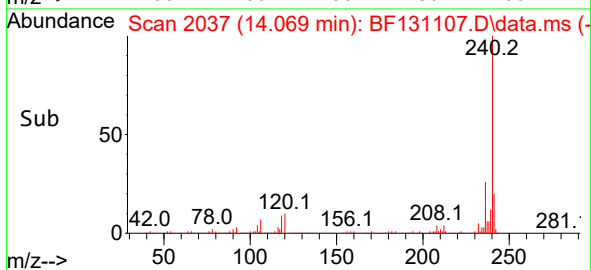
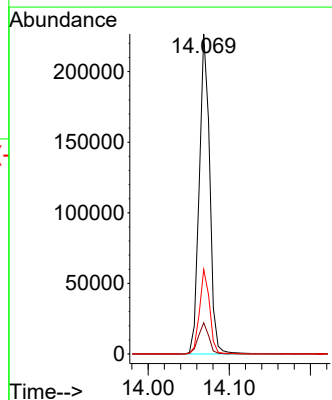
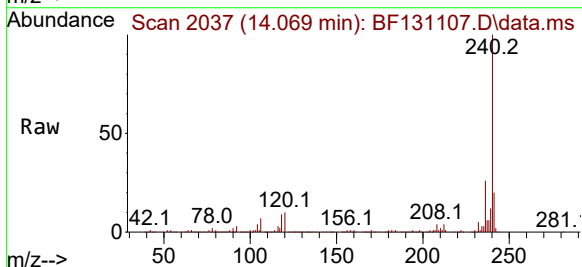
Instrument :
BNA_F
ClientSampleId :
TP-1

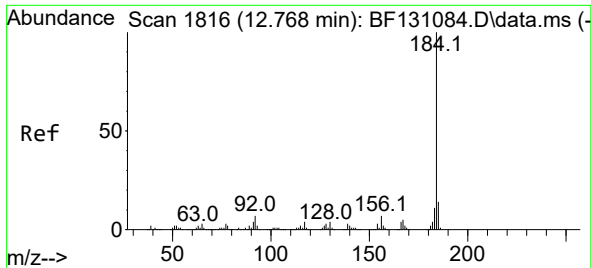
Tgt Ion:248 Resp: 17216
Ion Ratio Lower Upper
248 100
250 205.9 77.0 115.6#
141 522.3 69.7 104.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. -0.011 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

Tgt Ion:240 Resp: 203266
Ion Ratio Lower Upper
240 100
120 9.7 6.5 9.7#
236 26.4 19.7 29.5

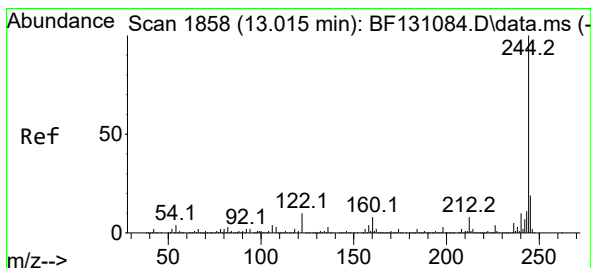
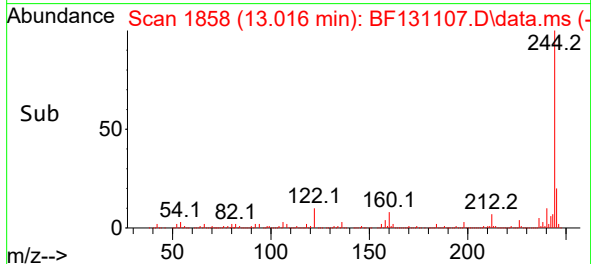
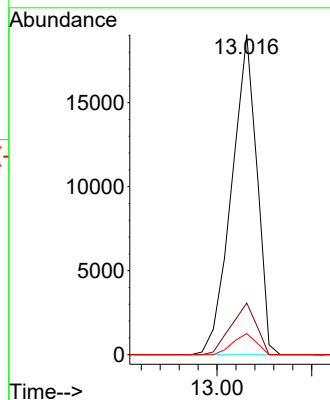
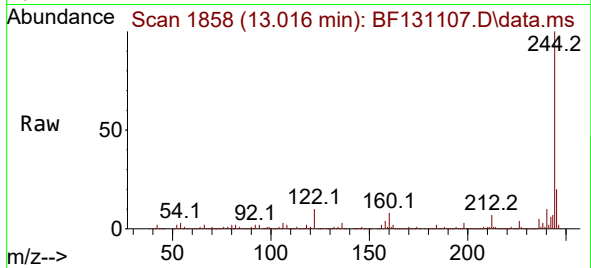




#77
Benzidine
Concen: 2.939 ng
RT: 13.016 min Scan# 1816
Delta R.T. 0.247 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

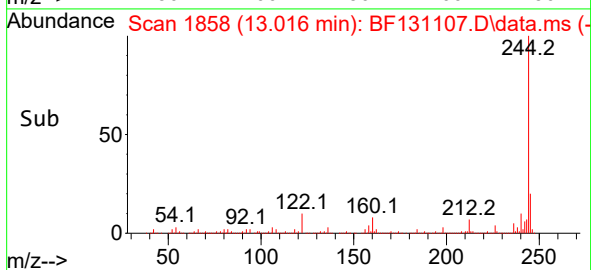
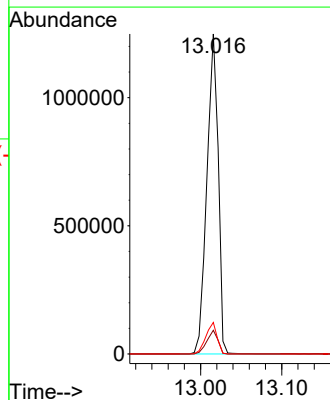
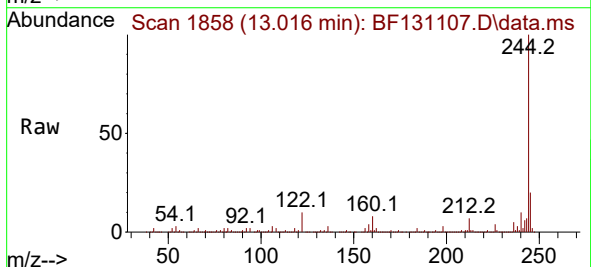
Instrument :
BNA_F
ClientSampleId :
TP-1

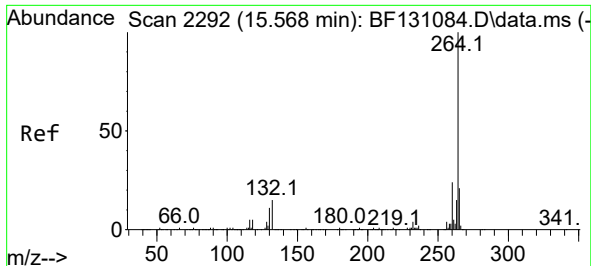
Tgt Ion:184 Resp: 17624
Ion Ratio Lower Upper
184 100
185 16.1 11.4 17.0
183 6.6 9.0 13.4#



#79
Terphenyl-d14
Concen: 103.959 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.001 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

Tgt Ion:244 Resp: 1205212
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 9.9 7.8 11.8

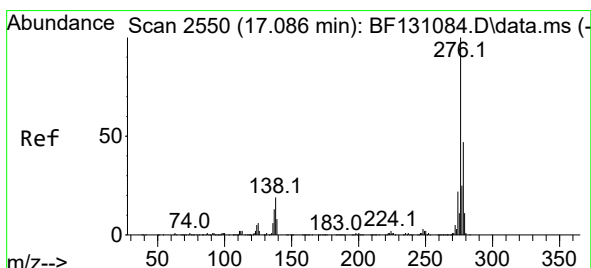
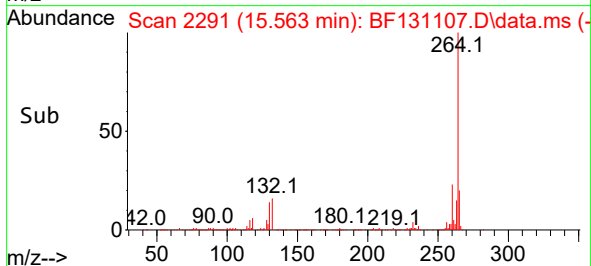
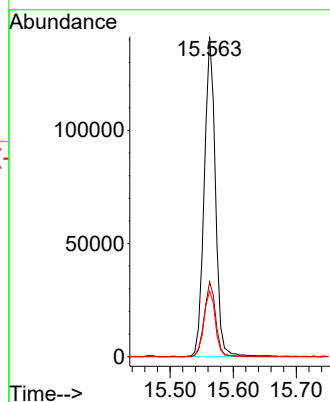
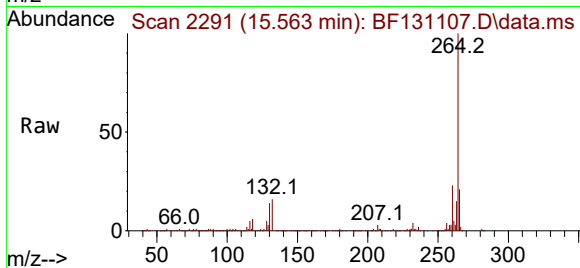




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

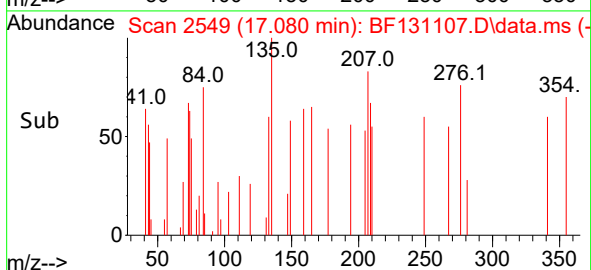
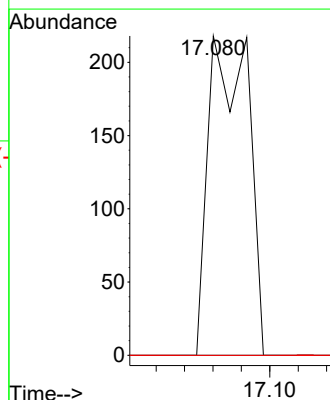
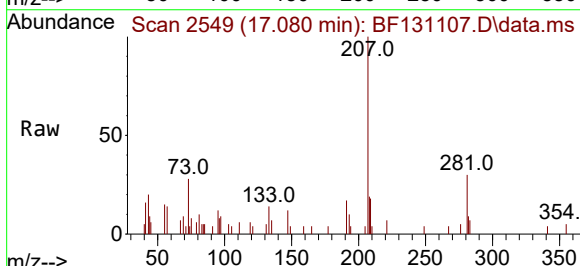
Instrument :
BNA_F
ClientSampleId :
TP-1

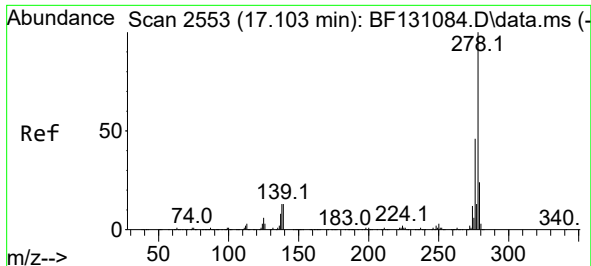
Tgt Ion:264 Resp: 174252
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 20.5 16.7 25.1



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.879 ng
RT: 17.080 min Scan# 2549
Delta R.T. -0.006 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

Tgt Ion:276 Resp: 212
Ion Ratio Lower Upper
276 100
138 0.0 16.9 25.3#
277 0.0 20.3 30.5#

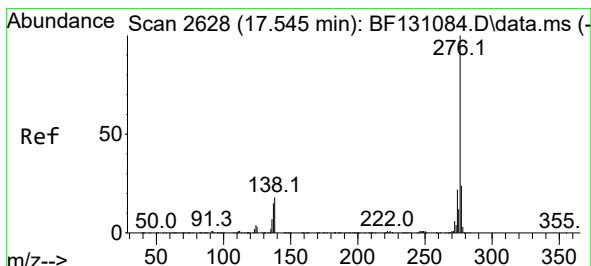
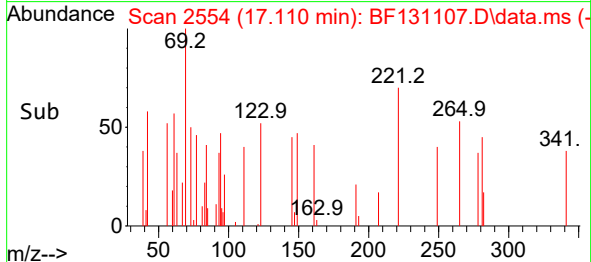
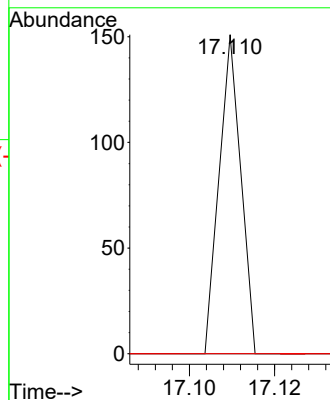
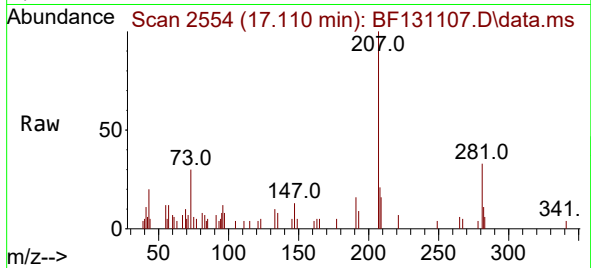




#91
Dibenzo(a,h)anthracene
Concen: 3.843 ng
RT: 17.110 min Scan# 21
Delta R.T. 0.007 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:278 Resp: 53
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: 4.371 ng
RT: 17.545 min Scan# 2628
Delta R.T. -0.000 min
Lab File: BF131107.D
Acq: 10 Nov 2022 01:35

Tgt Ion:276 Resp: 74
Ion Ratio Lower Upper
276 100
277 0.0 19.0 28.4#
138 0.0 14.6 21.8#

