

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131108.D
 Acq On : 10 Nov 2022 02:04
 Operator : CG\JU
 Sample : N5491-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Nov 10 04:35:52 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)

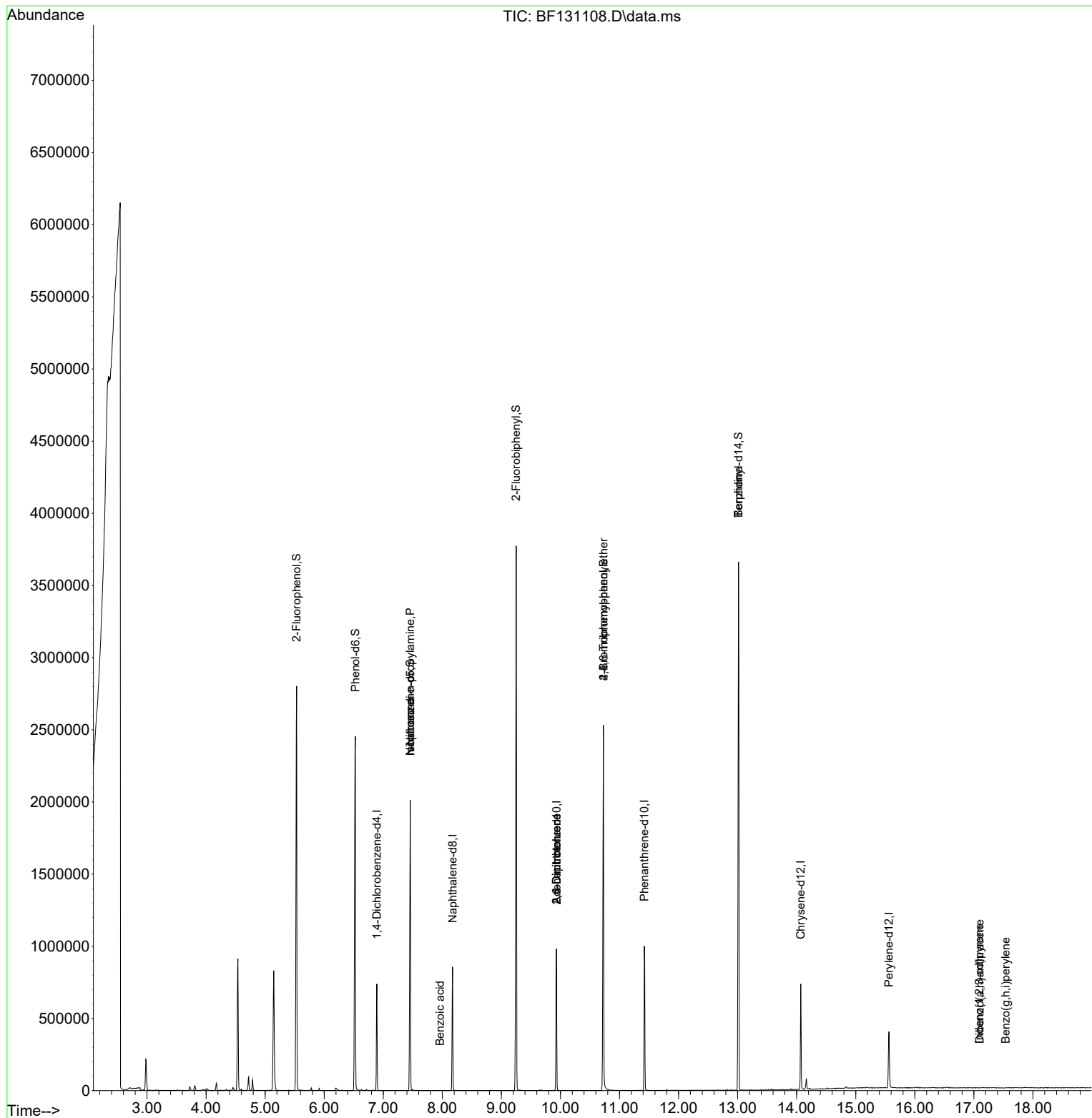
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	93316	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	364536	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	197347	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	371467	20.000	ng	0.00
76) Chrysene-d12	14.068	240	235933	20.000	ng	#-0.01
86) Perylene-d12	15.562	264	175781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	737086	134.328	ng	0.03
7) Phenol-d6	6.528	99	891208	124.231	ng	0.00
23) Nitrobenzene-d5	7.457	82	680227	84.192	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	311817	152.887	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1210028	85.594	ng	0.00
79) Terphenyl-d14	13.016	244	1407333	104.585	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	94847	20.137	ng	# 74
25) Isophorone	7.457	82	680218	54.450	ng	# 68
32) Benzoic acid	7.963	122	143	5.751	ng	# 20
51) 2,6-Dinitrotoluene	9.933	165	25461	8.253	ng	# 14
57) 2,4-Dinitrotoluene	9.933	165	25461	6.208	ng	# 16
67) 4-Bromophenyl-phenylether	10.727	248	18440	4.390	ng	# 1
77) Benzidine	13.016	184	19909	2.860	ng	# 89
87) Indeno(1,2,3-cd)pyrene	17.092	276	156	3.875	ng	# 52
91) Dibenzo(a,h)anthracene	17.098	278	71	3.845	ng	# 57
92) Benzo(g,h,i)perylene	17.539	276	61	4.370	ng	# 55

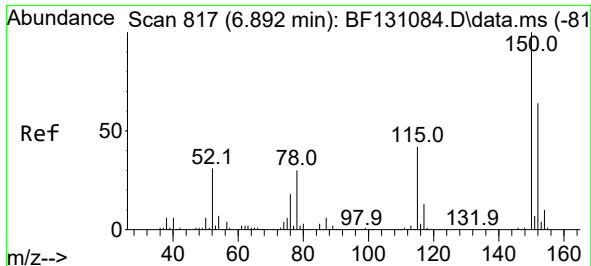
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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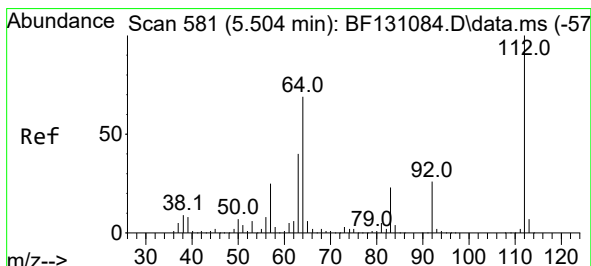
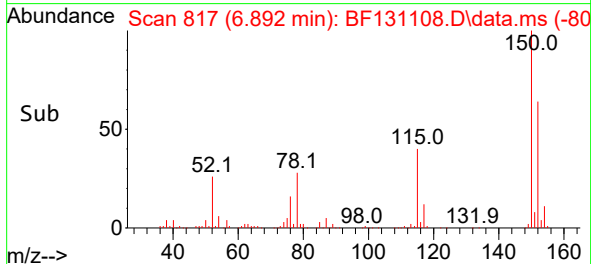
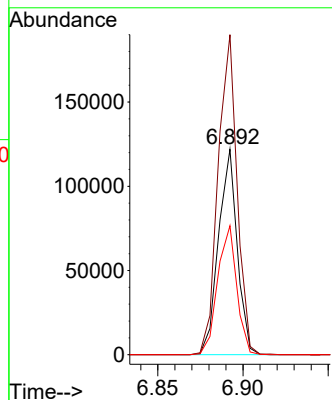
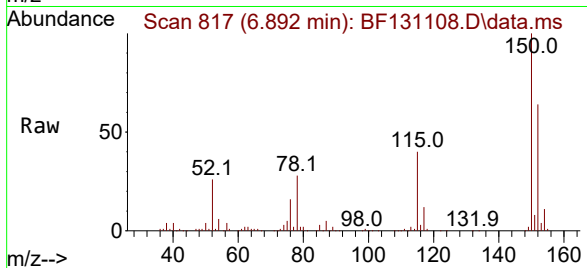




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF131108.D
Acq: 10 Nov 2022 02:04

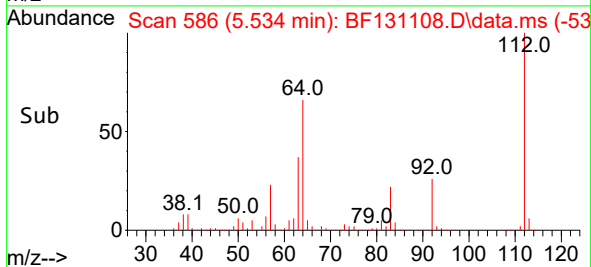
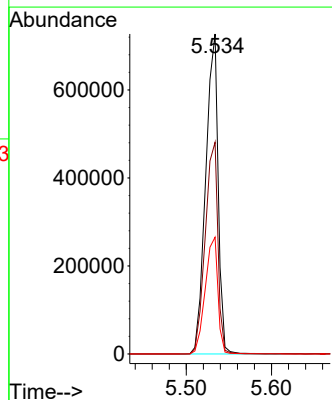
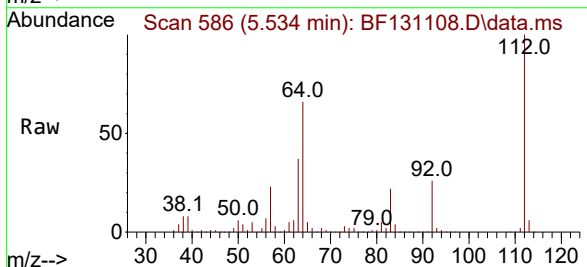
Instrument :
BNA_F
ClientSampleId :
TP-2

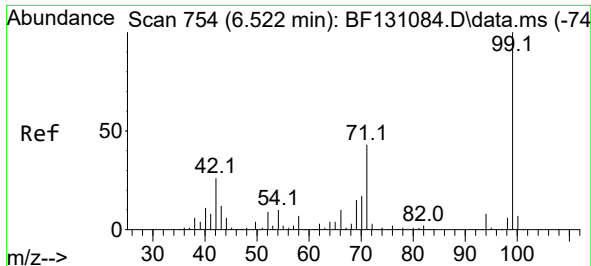
Tgt Ion:152 Resp: 93316
Ion Ratio Lower Upper
152 100
150 155.7 125.5 188.3
115 62.8 52.2 78.2



#5
2-Fluorophenol
Concen: 134.328 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.030 min
Lab File: BF131108.D
Acq: 10 Nov 2022 02:04

Tgt Ion:112 Resp: 737086
Ion Ratio Lower Upper
112 100
64 66.1 55.1 82.7
63 36.5 32.4 48.6

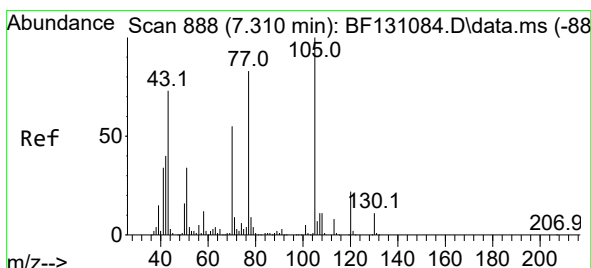
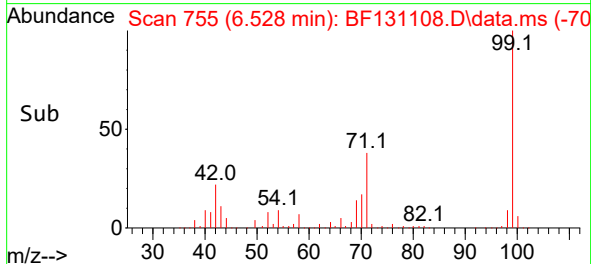
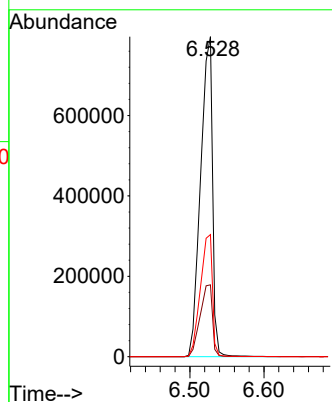
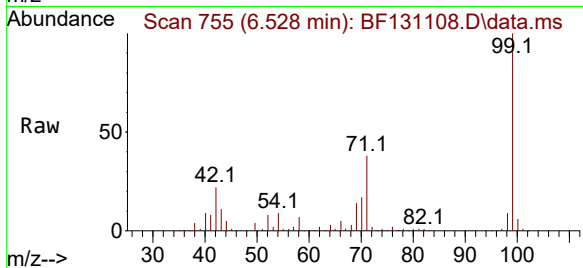




#7
Phenol-d6
Concen: 124.231 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131108.D
Acq: 10 Nov 2022 02:04

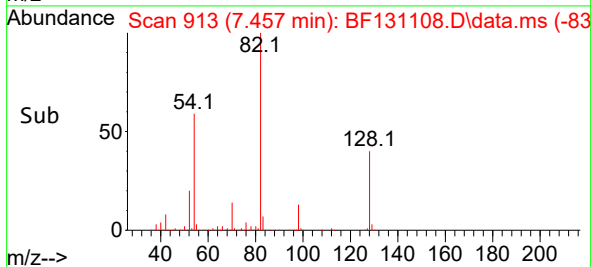
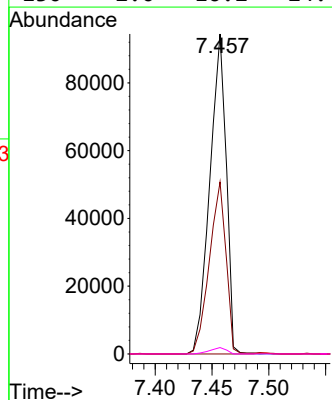
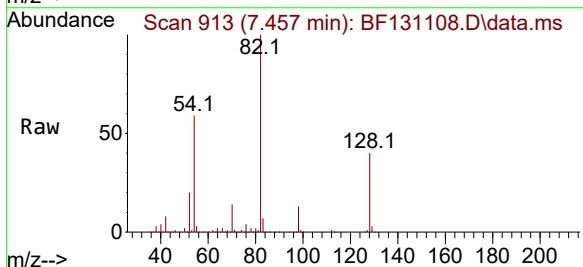
Instrument :
BNA_F
ClientSampleId :
TP-2

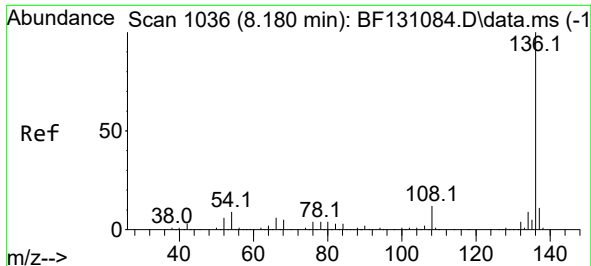
Tgt Ion: 99 Resp: 891208
Ion Ratio Lower Upper
99 100
42 22.5 20.8 31.2
71 38.1 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.137 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF131108.D
Acq: 10 Nov 2022 02:04

Tgt Ion: 70 Resp: 94847
Ion Ratio Lower Upper
70 100
42 53.8 58.3 87.5#
101 0.0 7.4 11.2#
130 2.0 16.2 24.4#

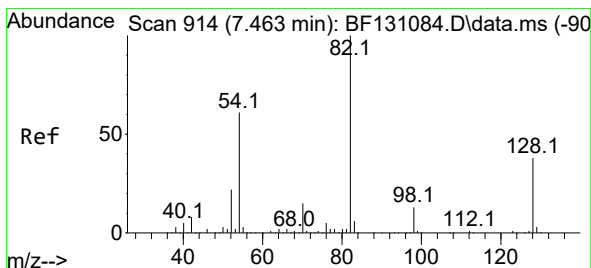
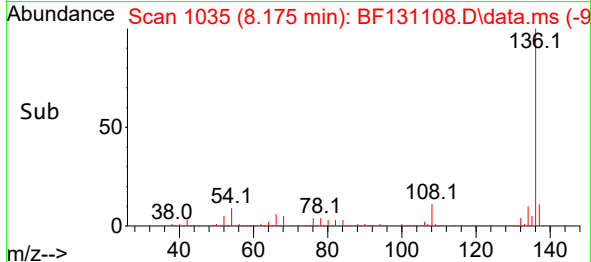
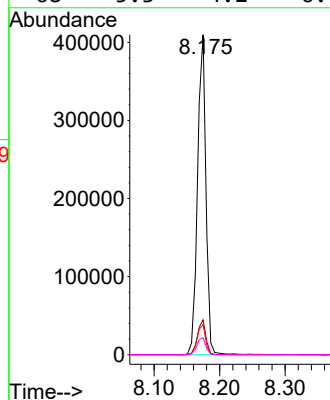
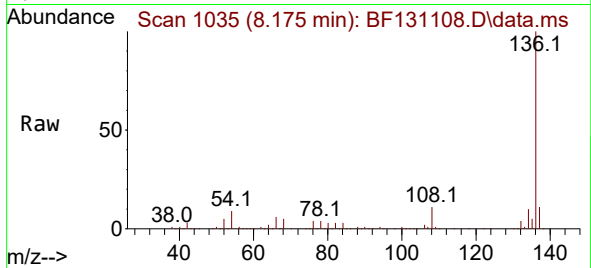




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BF131108.D
Acq: 10 Nov 2022 02:04

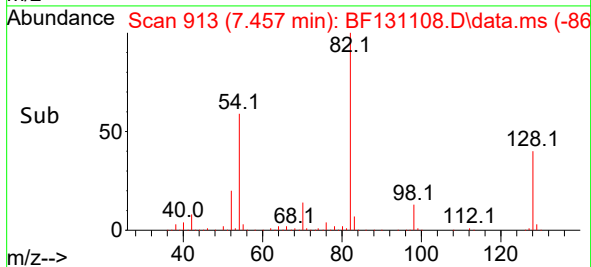
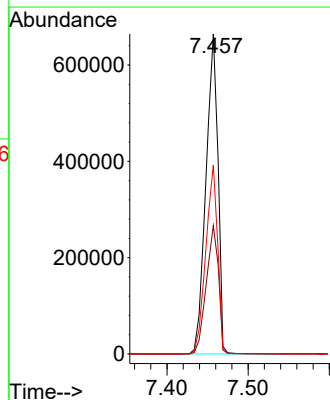
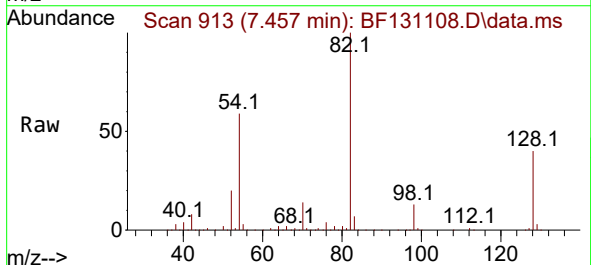
Instrument :
BNA_F
ClientSampleId :
TP-2

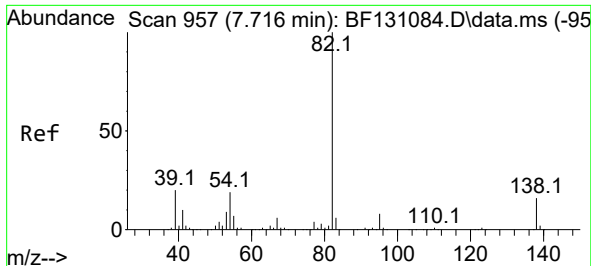
Tgt Ion:136 Resp: 364536
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.4 7.2 10.8
68 5.3 4.2 6.4



#23
Nitrobenzene-d5
Concen: 84.192 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131108.D
Acq: 10 Nov 2022 02:04

Tgt Ion: 82 Resp: 680227
Ion Ratio Lower Upper
82 100
128 40.1 30.5 45.7
54 59.0 49.1 73.7

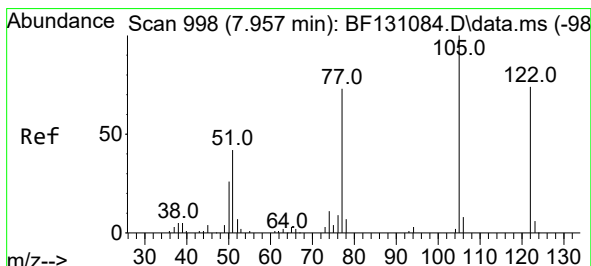
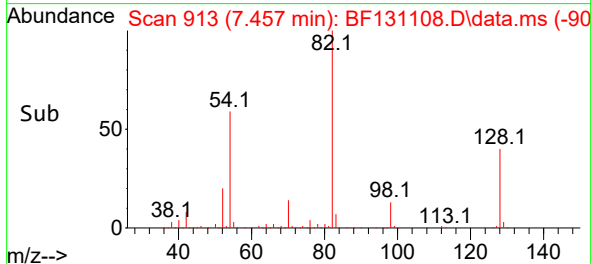
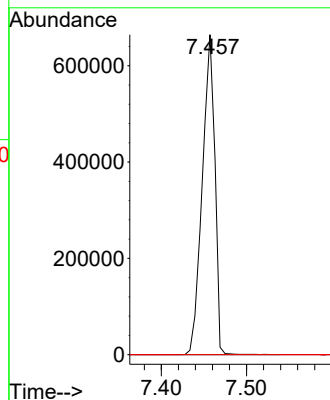
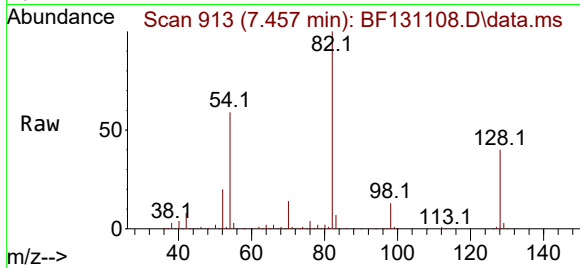




#25
Isophorone
Concen: 54.450 ng
RT: 7.457 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF131108.D
Acq: 10 Nov 2022 02:04

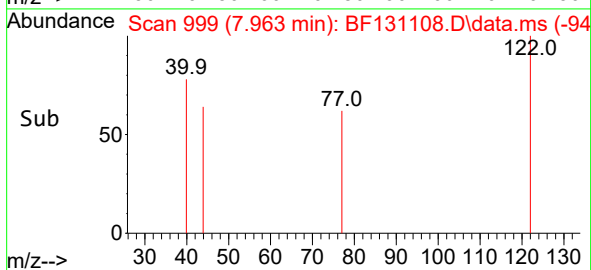
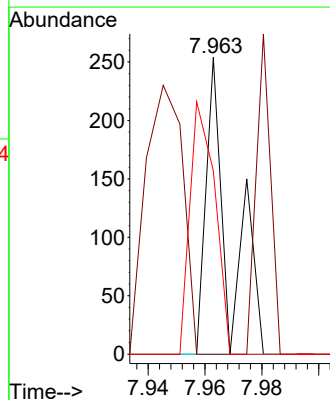
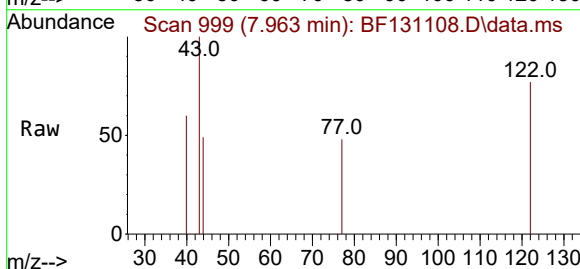
Instrument :
BNA_F
ClientSampleId :
TP-2

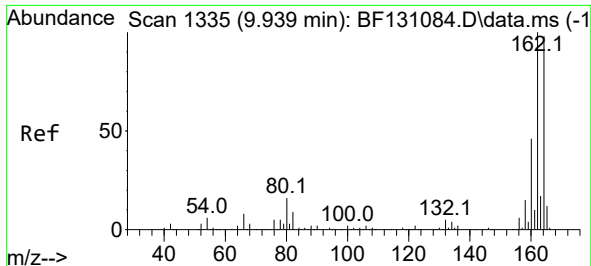
Tgt Ion: 82 Resp: 680218
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#32
Benzoic acid
Concen: 5.751 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.006 min
Lab File: BF131108.D
Acq: 10 Nov 2022 02:04

Tgt Ion: 122 Resp: 143
Ion Ratio Lower Upper
122 100
105 0.0 113.0 153.0#
77 61.8 78.7 118.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131108.D

Acq: 10 Nov 2022 02:04

Instrument :

BNA_F

ClientSampleId :

TP-2

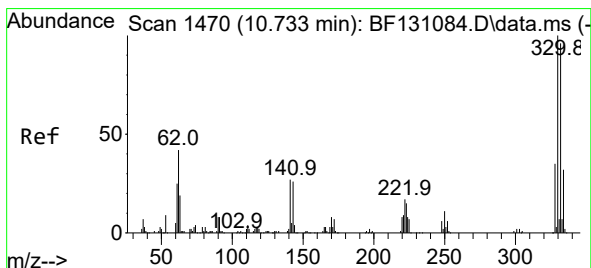
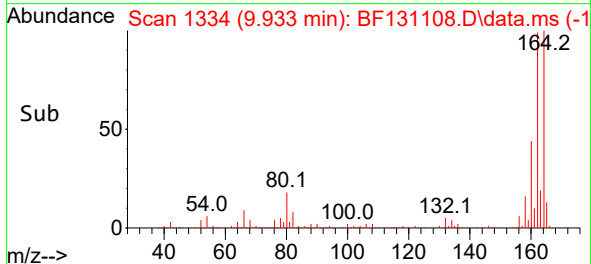
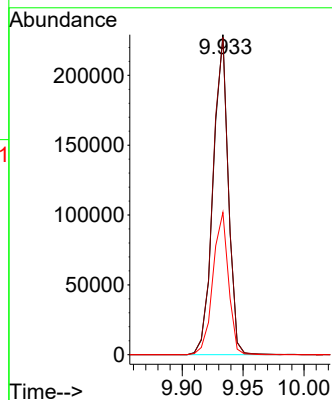
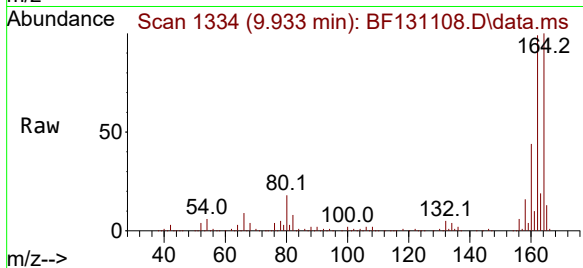
Tgt Ion:164 Resp: 197347

Ion Ratio Lower Upper

164 100

162 99.2 81.7 122.5

160 44.4 37.4 56.2



#42

2,4,6-Tribromophenol

Concen: 152.887 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131108.D

Acq: 10 Nov 2022 02:04

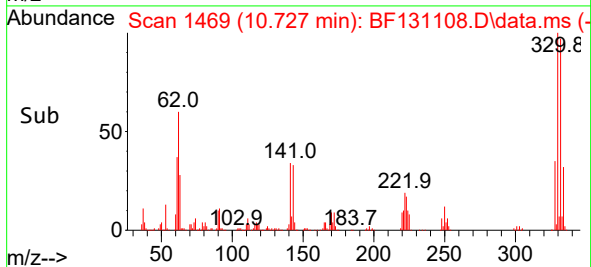
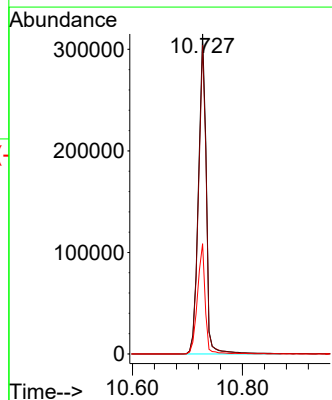
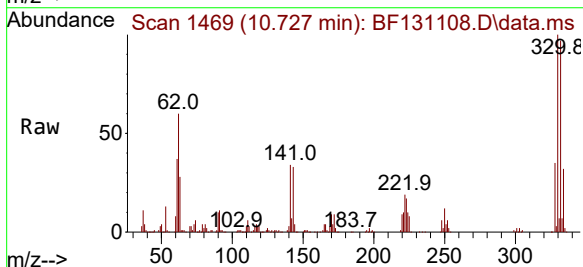
Tgt Ion:330 Resp: 311817

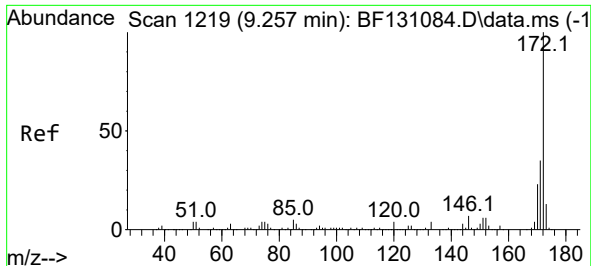
Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.4

141 33.9 28.5 42.7





#45

2-Fluorobiphenyl

Concen: 85.594 ng

RT: 9.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131108.D

Acq: 10 Nov 2022 02:04

Instrument :

BNA_F

ClientSampleId :

TP-2

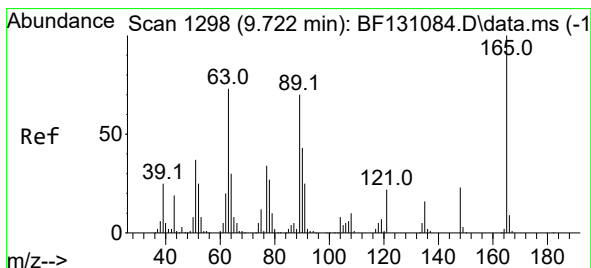
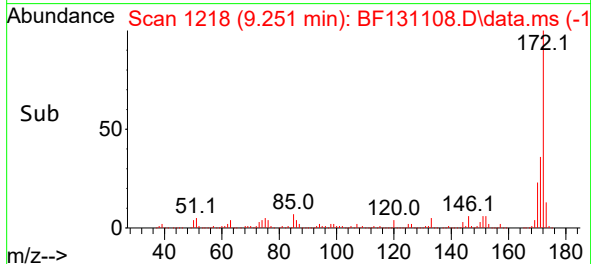
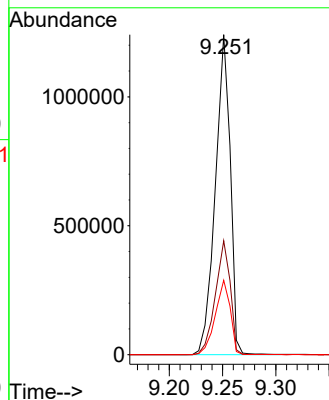
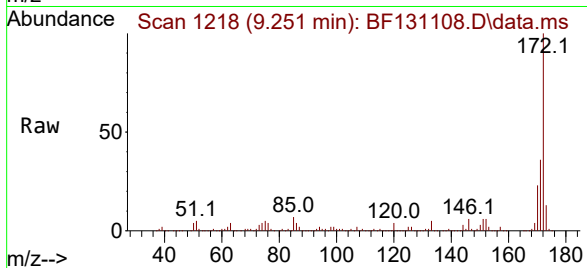
Tgt Ion:172 Resp: 1210028

Ion Ratio Lower Upper

172 100

171 35.6 27.7 41.5

170 23.3 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 8.253 ng

RT: 9.933 min Scan# 1334

Delta R.T. 0.212 min

Lab File: BF131108.D

Acq: 10 Nov 2022 02:04

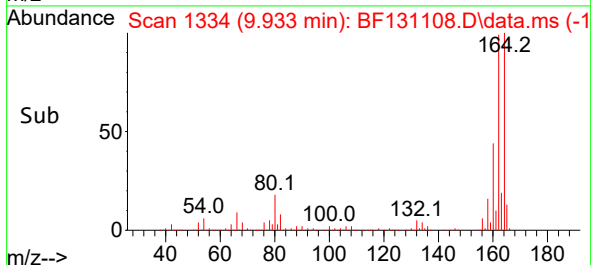
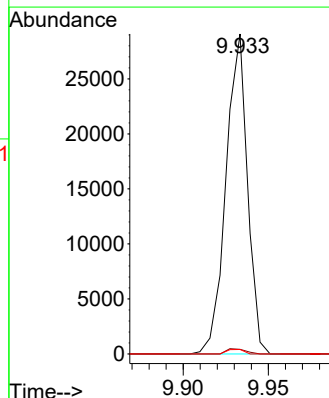
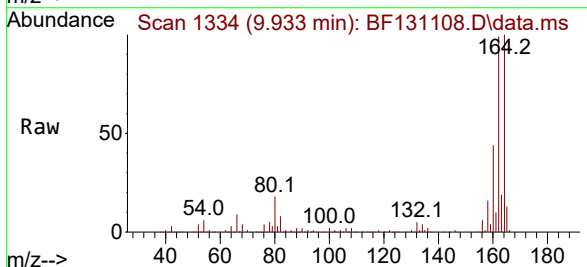
Tgt Ion:165 Resp: 25461

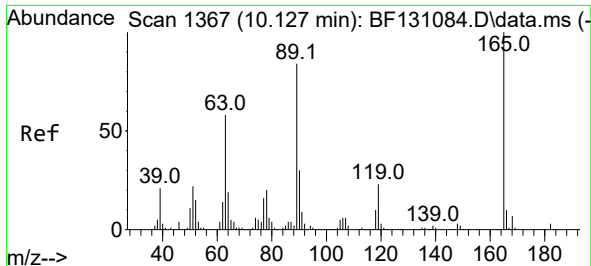
Ion Ratio Lower Upper

165 100

63 1.4 61.4 92.2#

89 1.4 56.0 84.0#

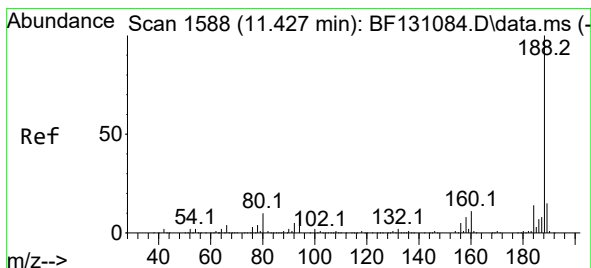
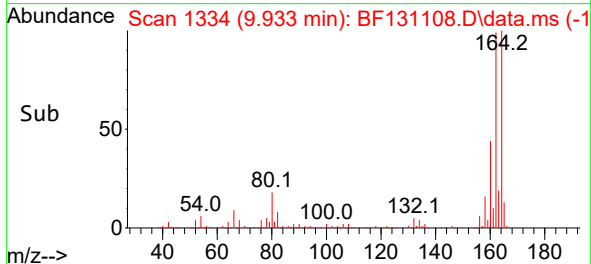
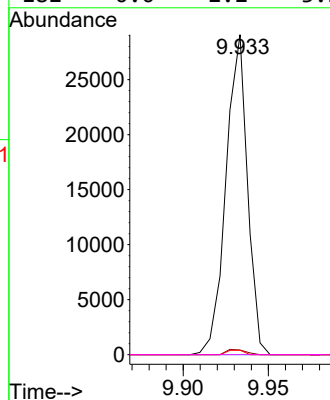
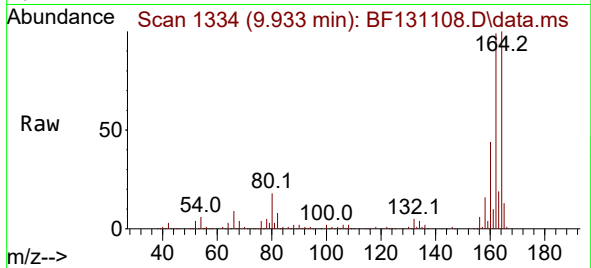




#57
2,4-Dinitrotoluene
Concen: 6.208 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131108.D
Acq: 10 Nov 2022 02:04

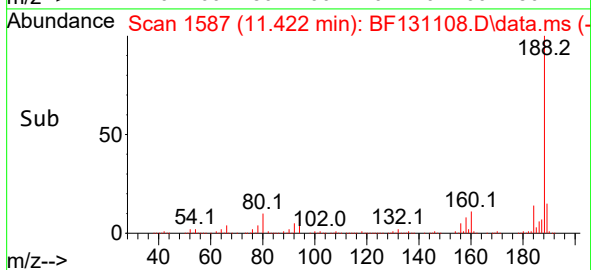
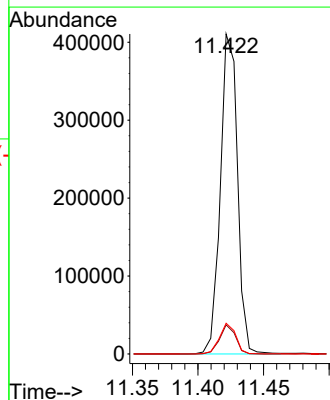
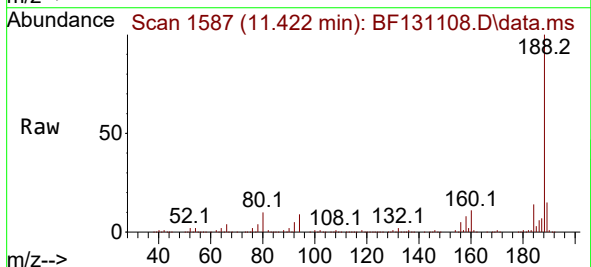
Instrument :
BNA_F
ClientSampleId :
TP-2

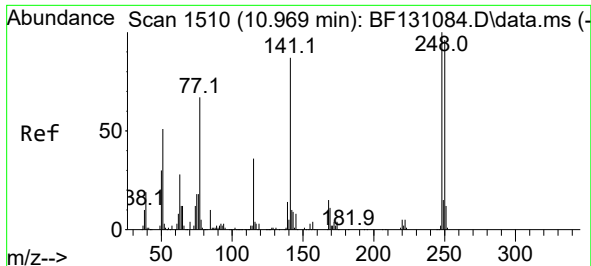
Tgt Ion:165 Resp: 25461
Ion Ratio Lower Upper
165 100
63 1.4 46.9 70.3#
89 1.4 66.9 100.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.005 min
Lab File: BF131108.D
Acq: 10 Nov 2022 02:04

Tgt Ion:188 Resp: 371467
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 9.6 7.9 11.9

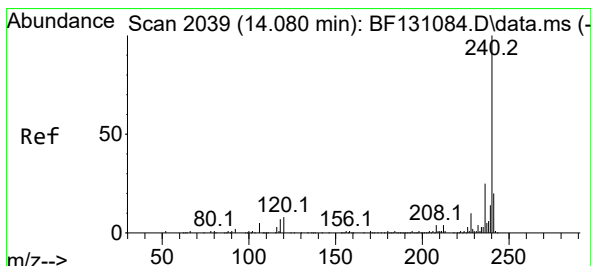
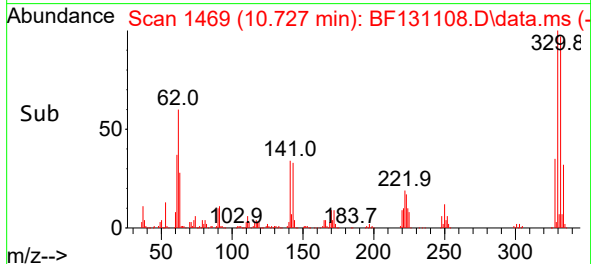
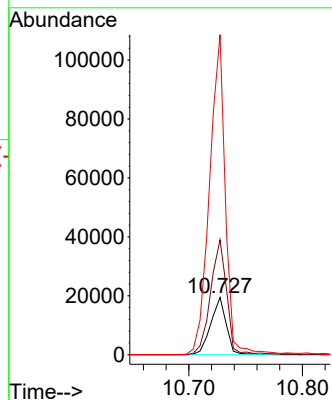
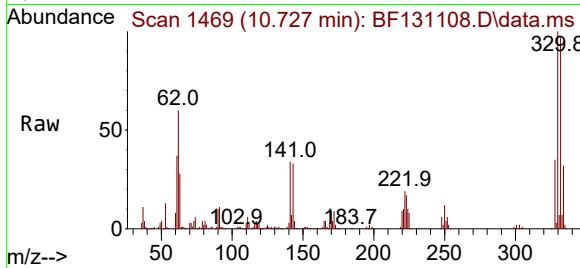




#67
4-Bromophenyl-phenylether
Concen: 4.390 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF131108.D
Acq: 10 Nov 2022 02:04

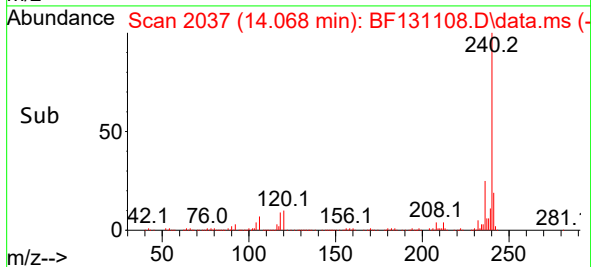
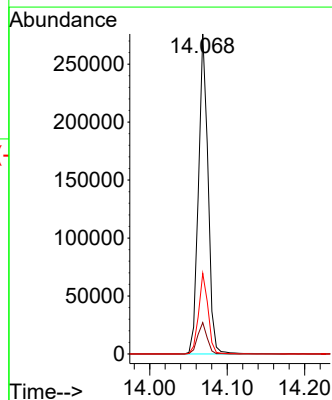
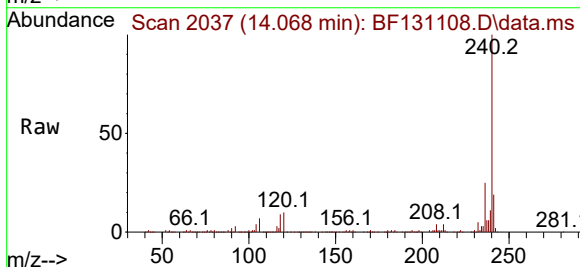
Instrument :
BNA_F
ClientSampleId :
TP-2

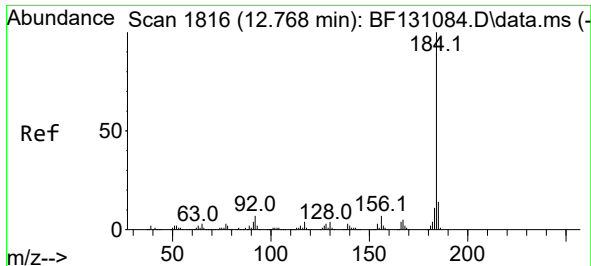
Tgt Ion:248 Resp: 18440
Ion Ratio Lower Upper
248 100
250 200.5 77.0 115.6#
141 558.6 69.7 104.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.012 min
Lab File: BF131108.D
Acq: 10 Nov 2022 02:04

Tgt Ion:240 Resp: 235933
Ion Ratio Lower Upper
240 100
120 9.8 6.5 9.7#
236 25.2 19.7 29.5

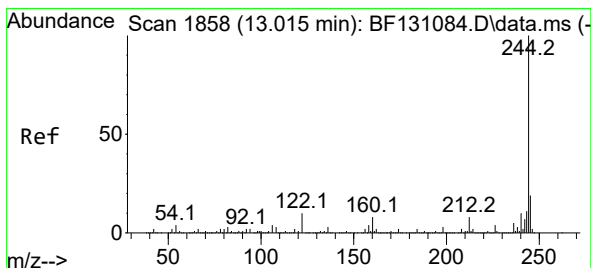
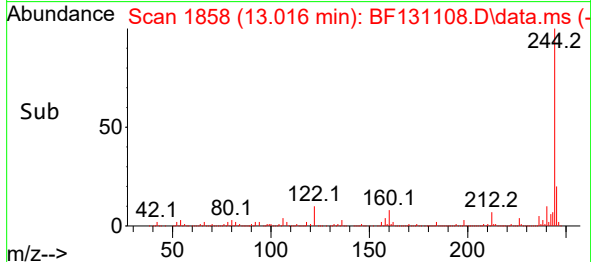
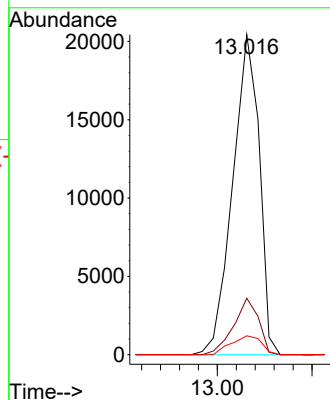
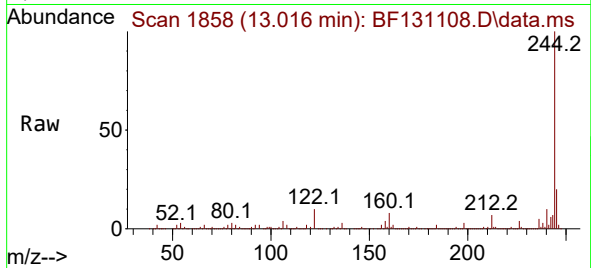




#77
Benzidine
Concen: 2.860 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.247 min
Lab File: BF131108.D
Acq: 10 Nov 2022 02:04

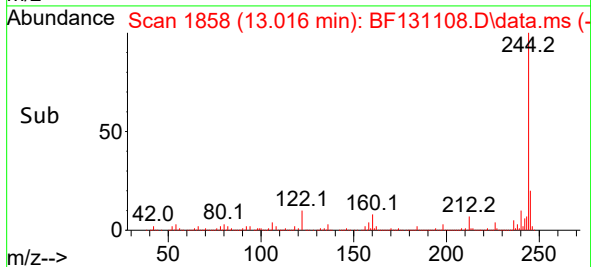
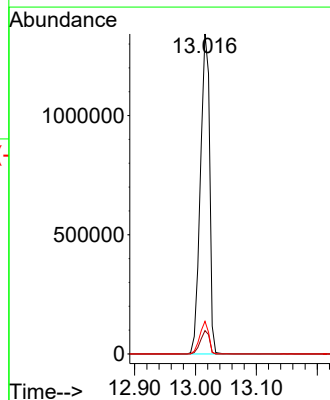
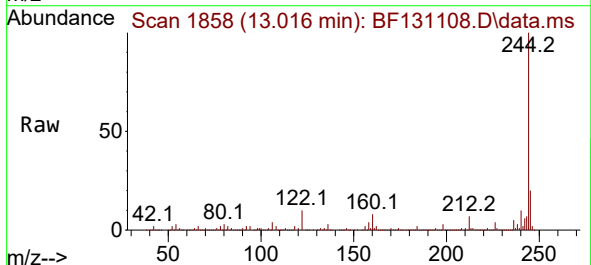
Instrument :
BNA_F
ClientSampleId :
TP-2

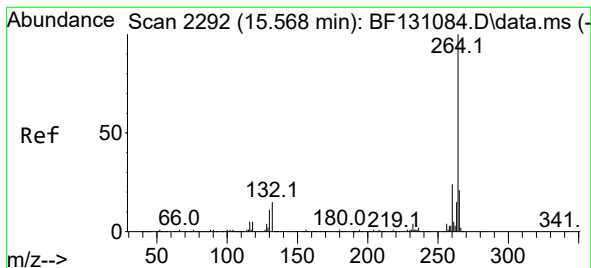
Tgt Ion:184 Resp: 19909
Ion Ratio Lower Upper
184 100
185 17.6 11.4 17.0#
183 5.9 9.0 13.4#



#79
Terphenyl-d14
Concen: 104.585 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.001 min
Lab File: BF131108.D
Acq: 10 Nov 2022 02:04

Tgt Ion:244 Resp: 1407333
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 10.2 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131108.D

Acq: 10 Nov 2022 02:04

Instrument :

BNA_F

ClientSampleId :

TP-2

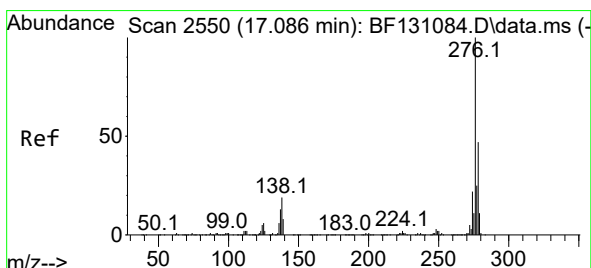
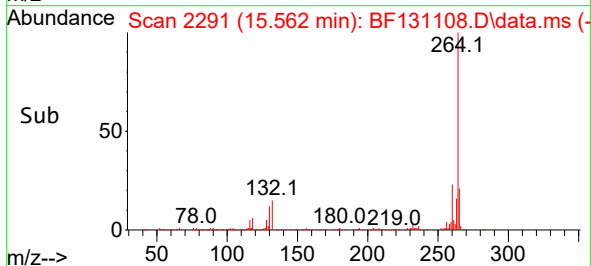
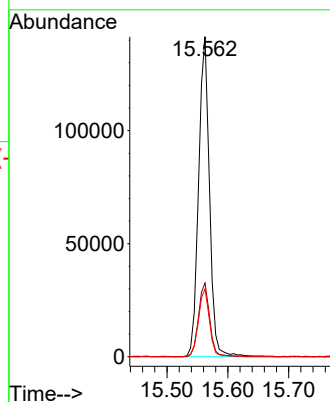
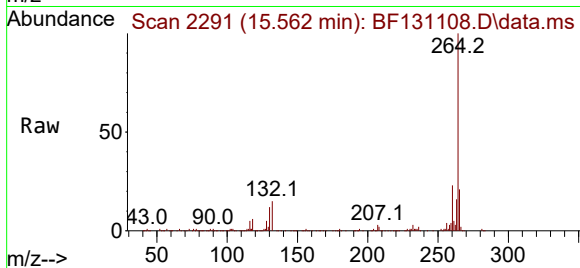
Tgt Ion:264 Resp: 175781

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 21.2 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.875 ng

RT: 17.092 min Scan# 2551

Delta R.T. 0.006 min

Lab File: BF131108.D

Acq: 10 Nov 2022 02:04

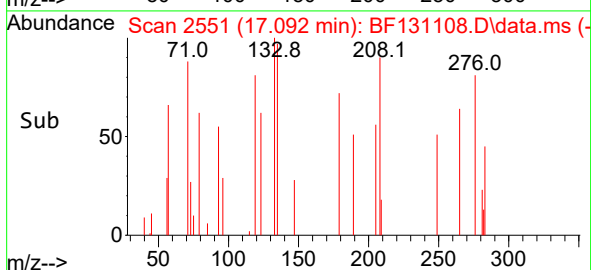
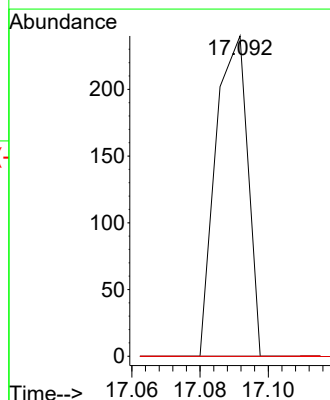
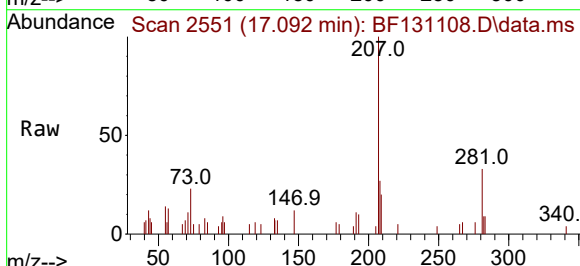
Tgt Ion:276 Resp: 156

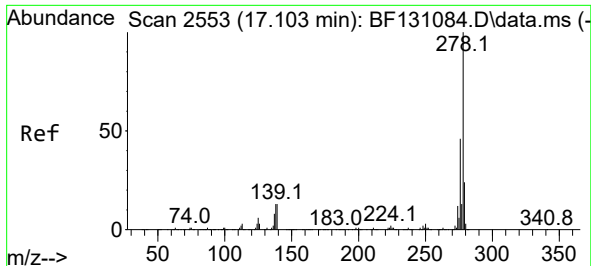
Ion Ratio Lower Upper

276 100

138 0.0 16.9 25.3#

277 0.0 20.3 30.5#

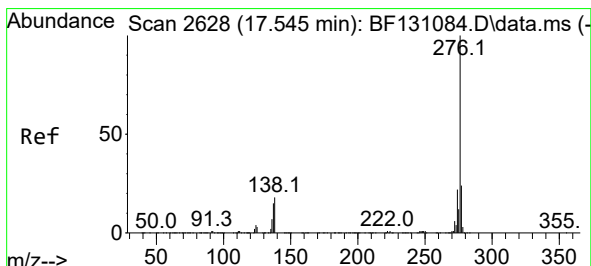
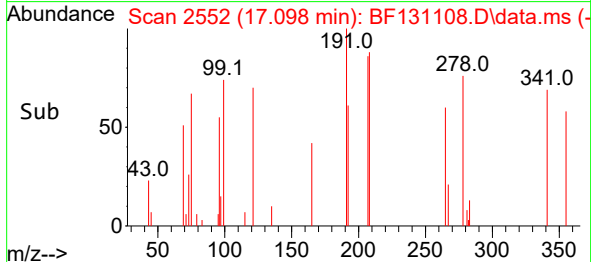
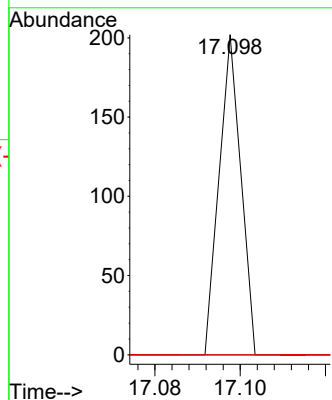
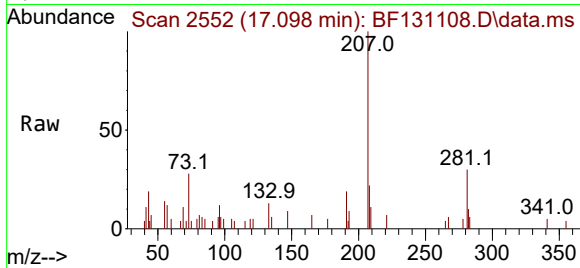




#91
Dibenzo(a,h)anthracene
Concen: 3.845 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF131108.D
Acq: 10 Nov 2022 02:04

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:278 Resp: 71
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: 4.370 ng
RT: 17.539 min Scan# 2627
Delta R.T. -0.006 min
Lab File: BF131108.D
Acq: 10 Nov 2022 02:04

Tgt Ion:276 Resp: 61
Ion Ratio Lower Upper
276 100
277 0.0 19.0 28.4#
138 0.0 14.6 21.8#

