

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
 Data File : BF131160.D
 Acq On : 11 Nov 2022 18:44
 Operator : CG\JU
 Sample : N5506-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: Nov 12 00:05:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 12 00:03:31 2022
 Response via : Initial Calibration

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

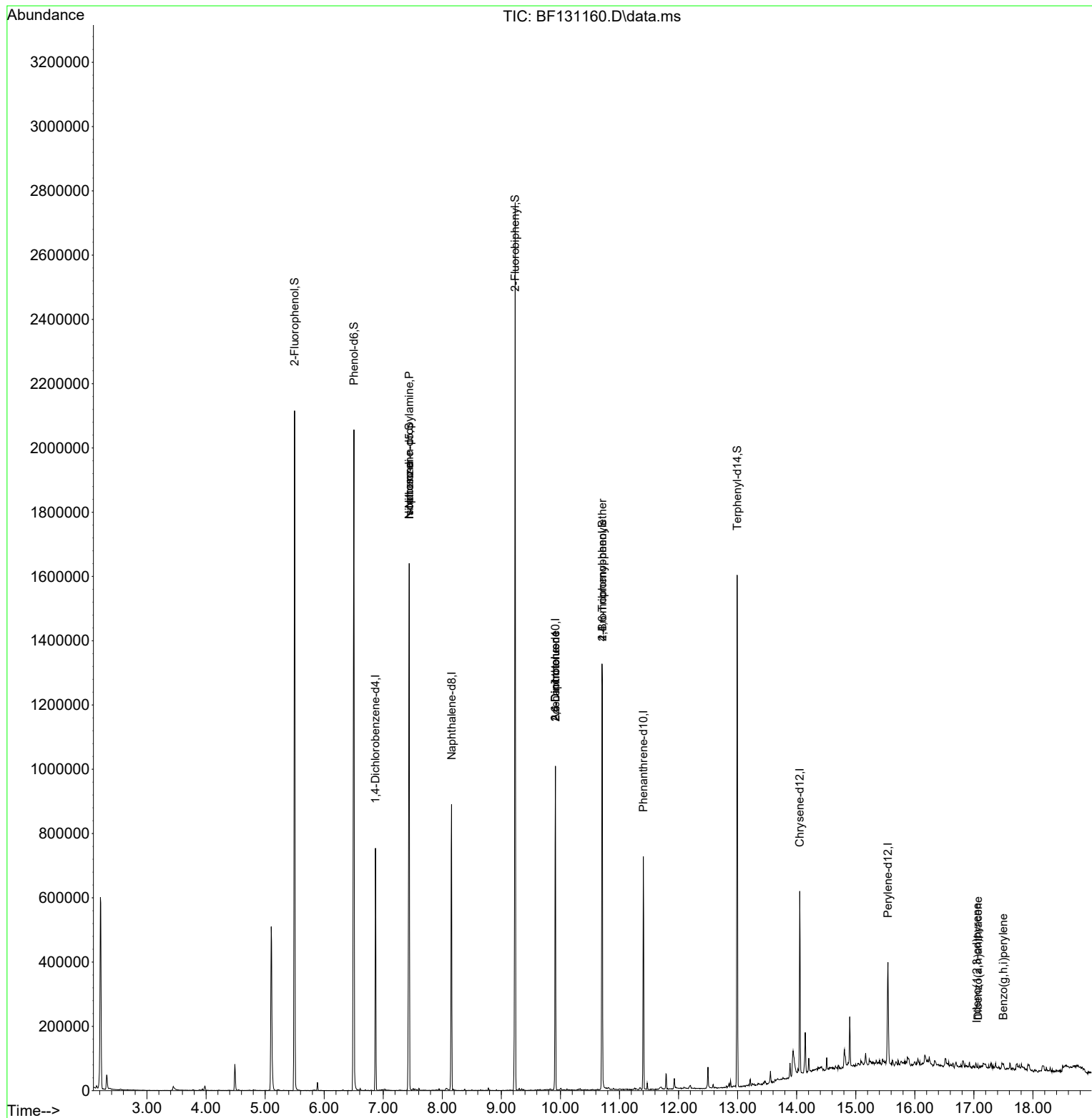
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	98316	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	370581	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	183968	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	240808	20.000	ng	0.00
76) Chrysene-d12	14.051	240	178321	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	132431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	514708	89.031	ng	0.01
7) Phenol-d6	6.504	99	654341	86.574	ng	0.00
23) Nitrobenzene-d5	7.439	82	524961	63.915	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	148986	78.362	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	745455	56.566	ng	0.00
79) Terphenyl-d14	12.992	244	507708	49.920	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	71710	14.450	ng	# 76
25) Isophorone	7.439	82	524017	41.262	ng	# 68
51) 2,6-Dinitrotoluene	9.916	165	24302	8.450	ng	# 14
57) 2,4-Dinitrotoluene	9.916	165	24302	6.357	ng	# 16
67) 4-Bromophenyl-phenylether	10.710	248	9644	3.542	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.051	276	1596	4.000	ng	# 69
91) Dibenzo(a,h)anthracene	17.068	278	1156	3.960	ng	# 3
92) Benzo(g,h,i)perylene	17.498	276	1945	4.556	ng	# 83

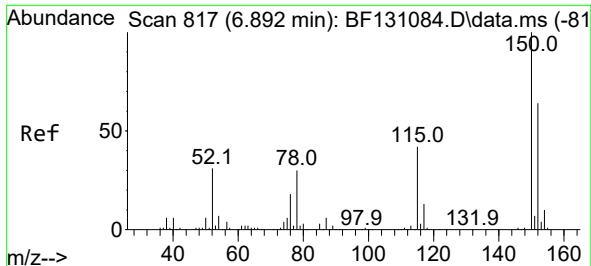
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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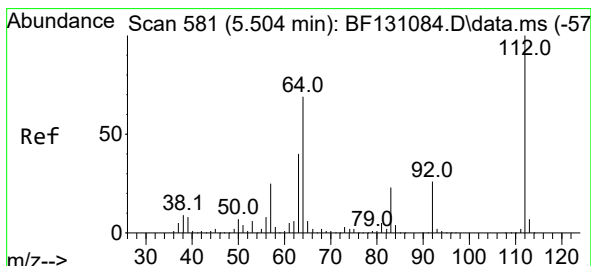
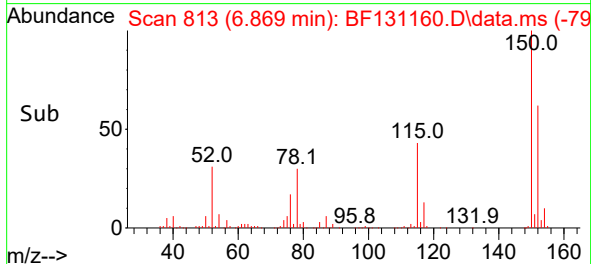
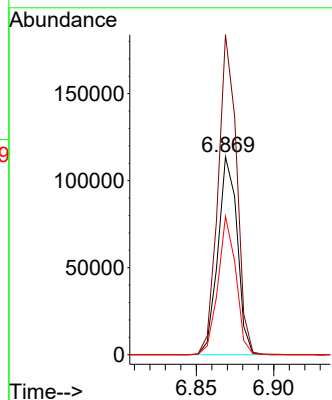
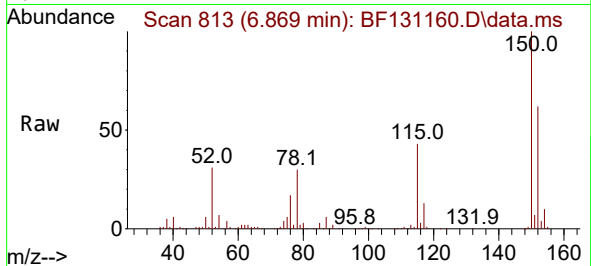




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131160.D
Acq: 11 Nov 2022 18:44

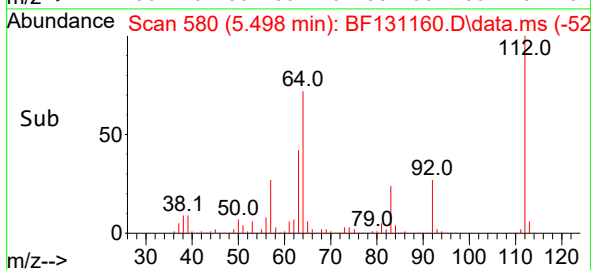
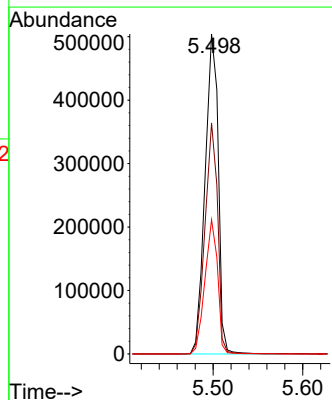
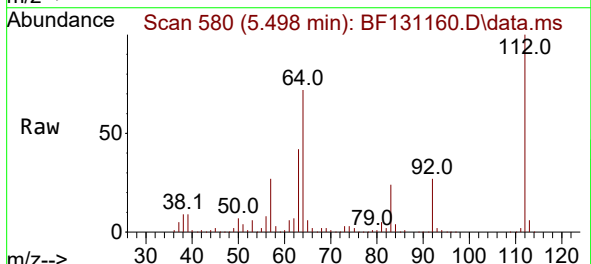
Instrument :
BNA_F
ClientSampleId :
TP-8

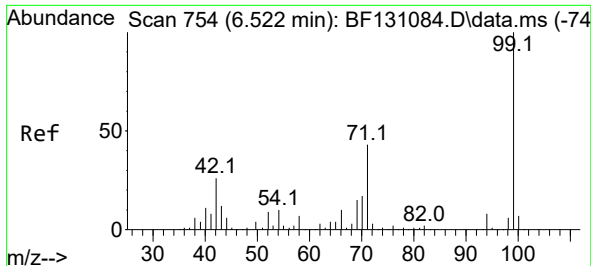
Tgt Ion:152 Resp: 98316
Ion Ratio Lower Upper
152 100
150 161.7 125.5 188.3
115 69.9 52.2 78.2



#5
2-Fluorophenol
Concen: 89.031 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF131160.D
Acq: 11 Nov 2022 18:44

Tgt Ion:112 Resp: 514708
Ion Ratio Lower Upper
112 100
64 72.2 55.1 82.7
63 41.9 32.4 48.6

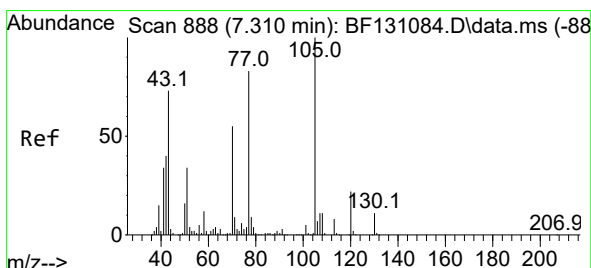
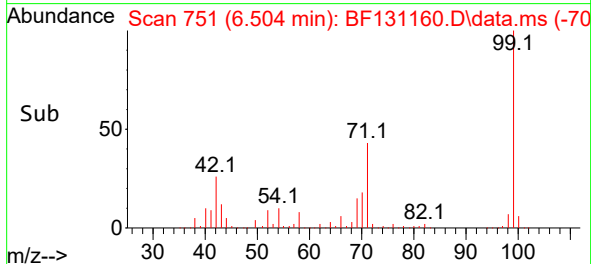
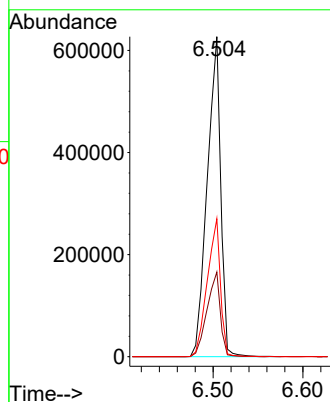
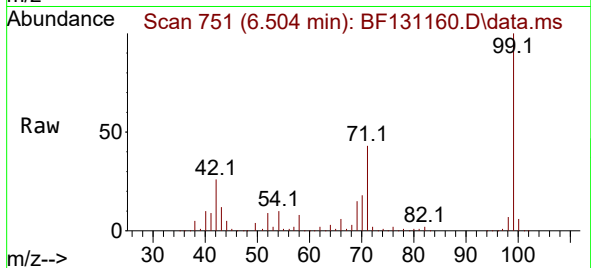




#7
Phenol-d6
Concen: 86.574 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131160.D
Acq: 11 Nov 2022 18:44

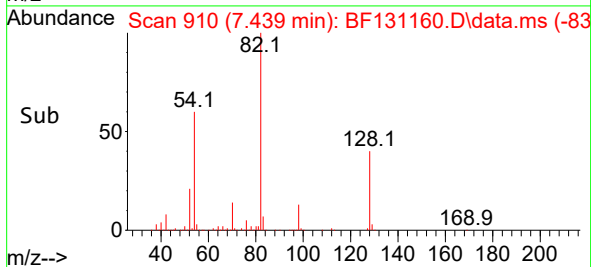
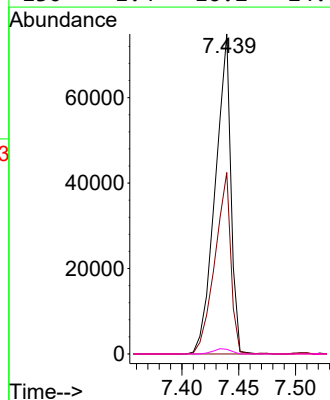
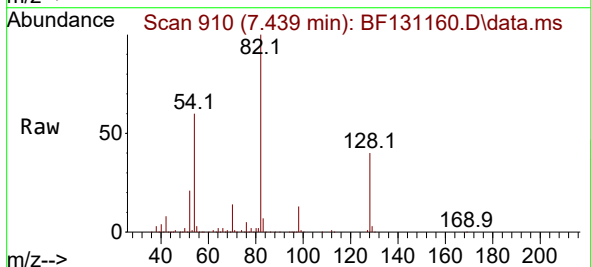
Instrument :
BNA_F
ClientSampleId :
TP-8

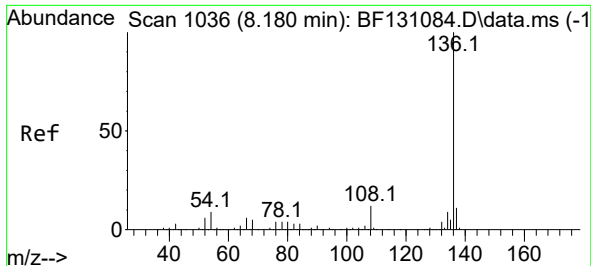
Tgt Ion: 99 Resp: 654341
Ion Ratio Lower Upper
99 100
42 26.5 20.8 31.2
71 43.1 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.450 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF131160.D
Acq: 11 Nov 2022 18:44

Tgt Ion: 70 Resp: 71710
Ion Ratio Lower Upper
70 100
42 56.7 58.3 87.5#
101 0.0 7.4 11.2#
130 1.4 16.2 24.4#

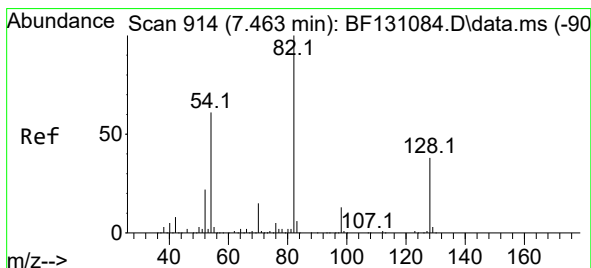
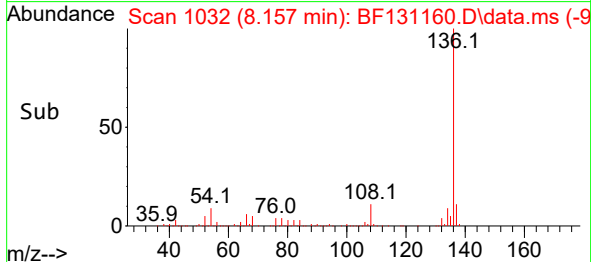
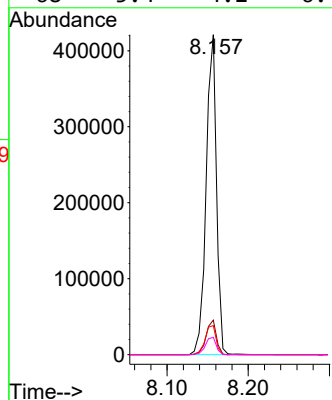
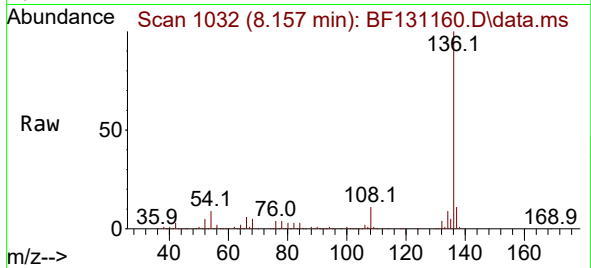




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF131160.D
Acq: 11 Nov 2022 18:44

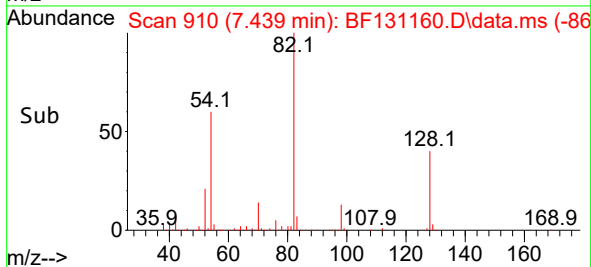
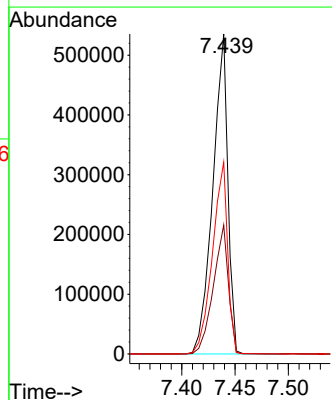
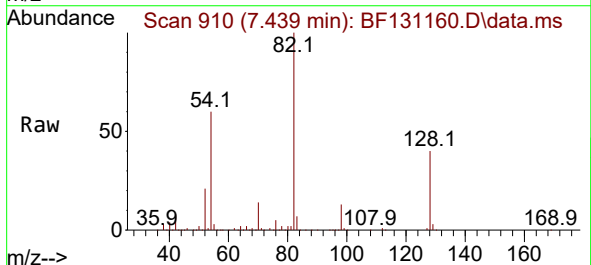
Instrument :
BNA_F
ClientSampleId :
TP-8

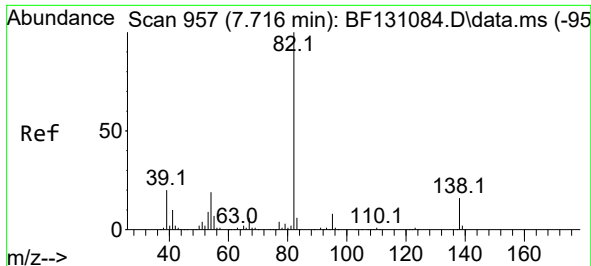
Tgt Ion:136 Resp: 370581
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.1 7.2 10.8
68 5.4 4.2 6.4



#23
Nitrobenzene-d5
Concen: 63.915 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF131160.D
Acq: 11 Nov 2022 18:44

Tgt Ion: 82 Resp: 524961
Ion Ratio Lower Upper
82 100
128 40.3 30.5 45.7
54 60.0 49.1 73.7

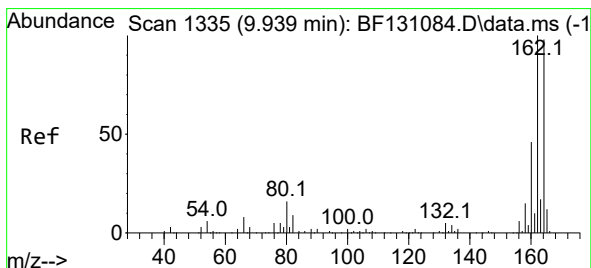
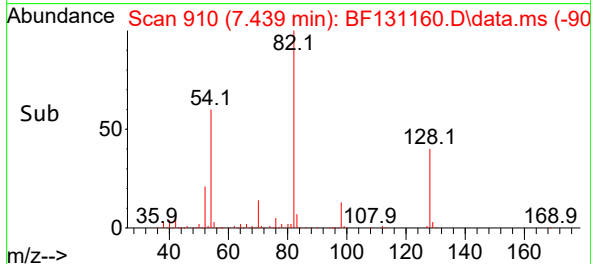
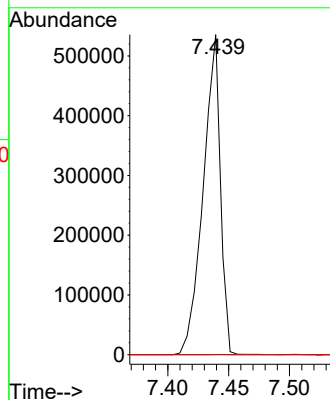
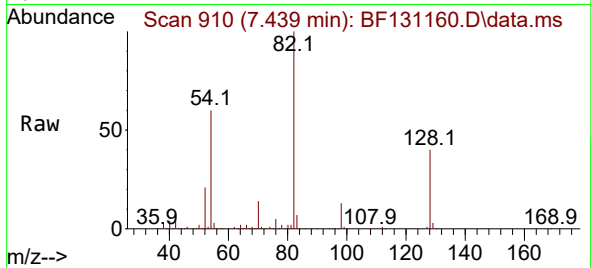




#25
Isophorone
Concen: 41.262 ng
RT: 7.439 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131160.D
Acq: 11 Nov 2022 18:44

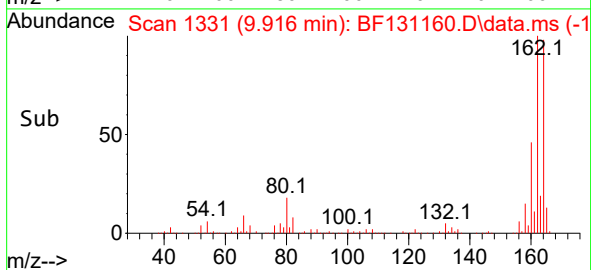
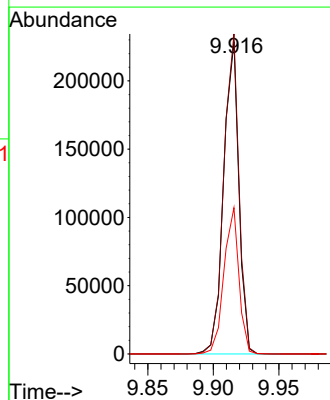
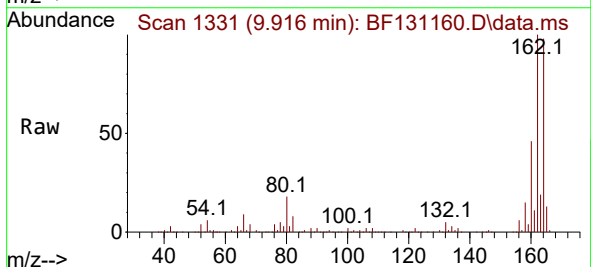
Instrument :
BNA_F
ClientSampleId :
TP-8

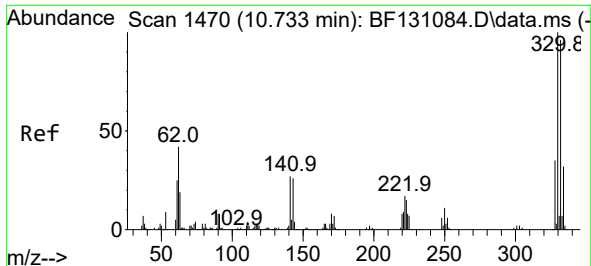
Tgt Ion: 82 Resp: 524017
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF131160.D
Acq: 11 Nov 2022 18:44

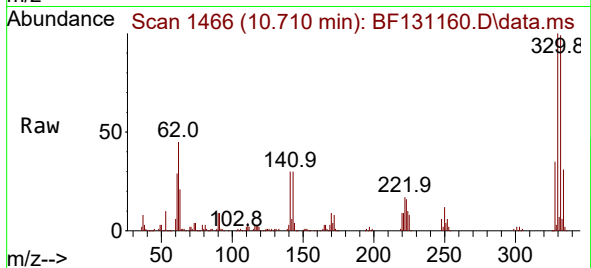
Tgt Ion:164 Resp: 183968
Ion Ratio Lower Upper
164 100
162 102.5 81.7 122.5
160 46.8 37.4 56.2



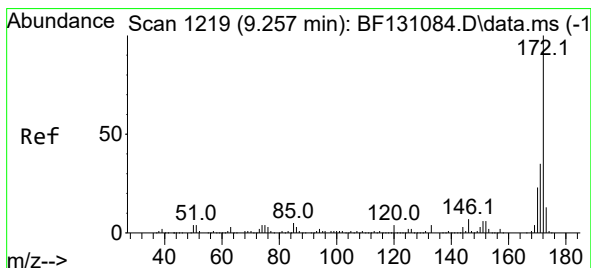
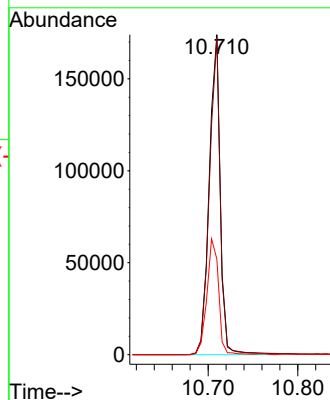
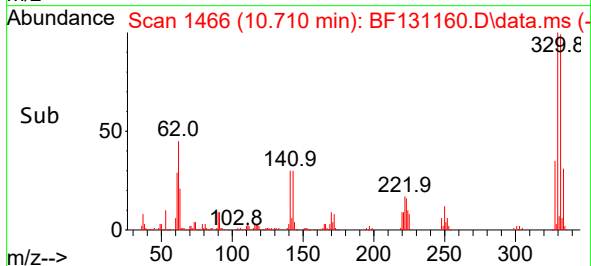


#42
2,4,6-Tribromophenol
Concen: 78.362 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF131160.D
Acq: 11 Nov 2022 18:44

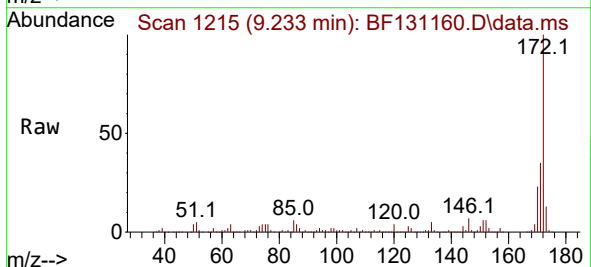
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ClientSampleId :
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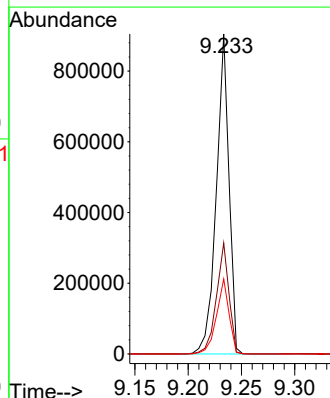
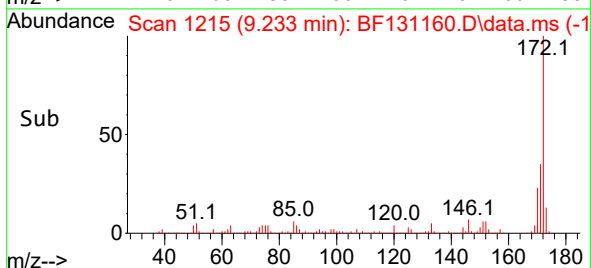
Tgt Ion: 330 Resp: 148986
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.4
141 38.1 28.5 42.7

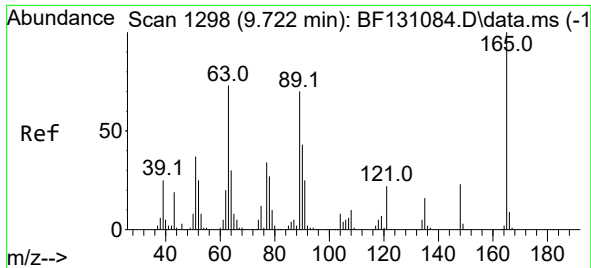


#45
2-Fluorobiphenyl
Concen: 56.566 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF131160.D
Acq: 11 Nov 2022 18:44



Tgt Ion: 172 Resp: 745455
Ion Ratio Lower Upper
172 100
171 34.7 27.7 41.5
170 23.5 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.450 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.212 min

Lab File: BF131160.D

Acq: 11 Nov 2022 18:44

Instrument :

BNA_F

ClientSampleId :

TP-8

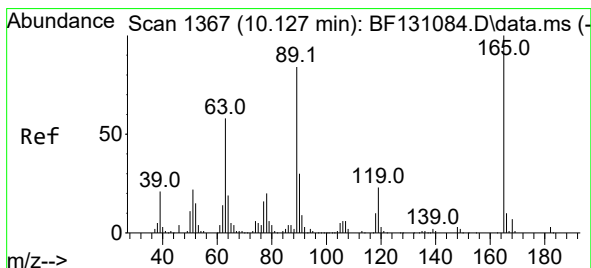
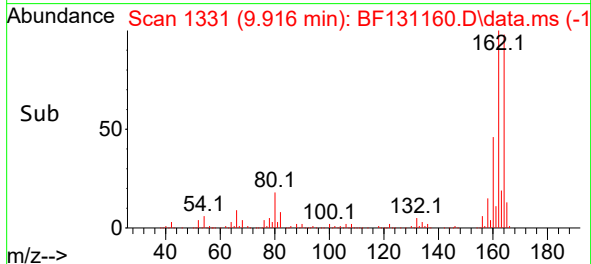
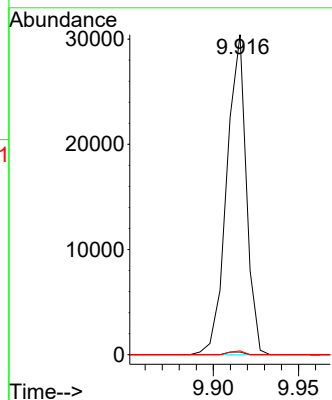
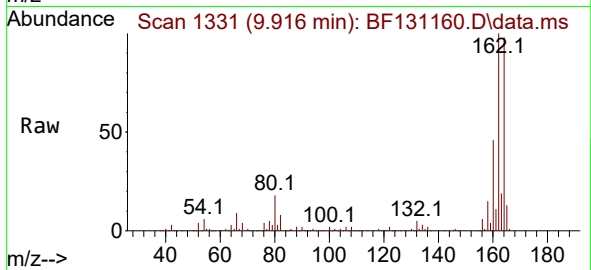
Tgt Ion:165 Resp: 24302

Ion Ratio Lower Upper

165 100

63 0.8 61.4 92.2#

89 1.2 56.0 84.0#



#57

2,4-Dinitrotoluene

Concen: 6.357 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.194 min

Lab File: BF131160.D

Acq: 11 Nov 2022 18:44

Tgt Ion:165 Resp: 24302

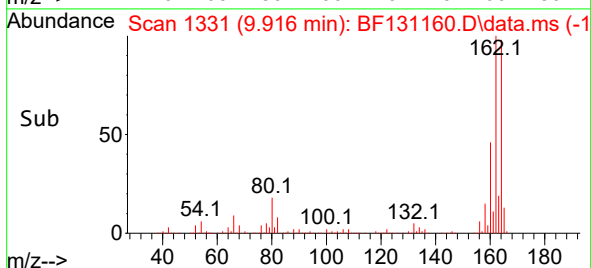
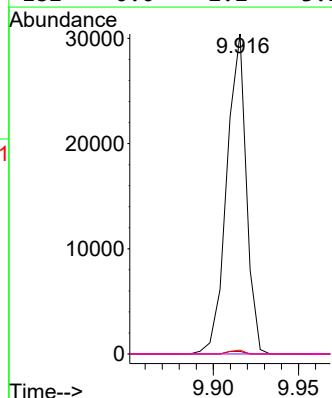
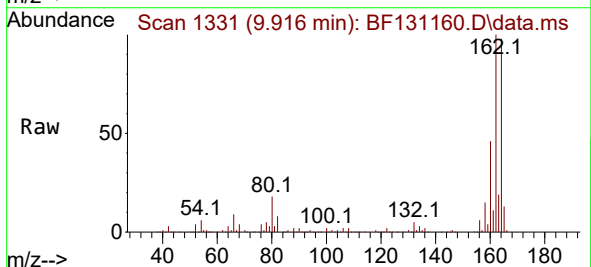
Ion Ratio Lower Upper

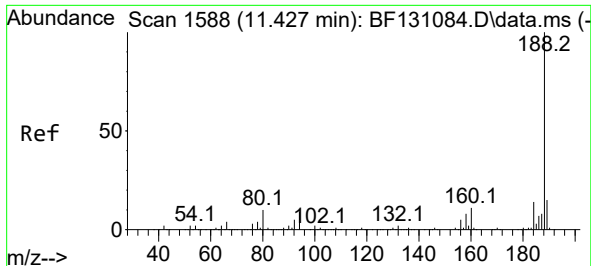
165 100

63 0.8 46.9 70.3#

89 1.2 66.9 100.3#

182 0.0 2.2 3.2#

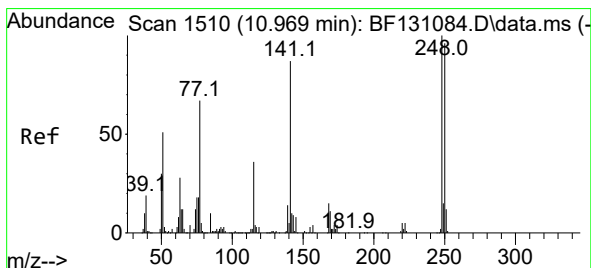
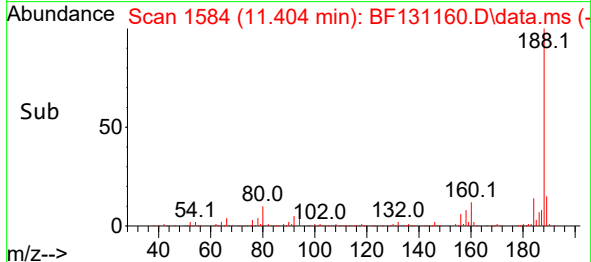
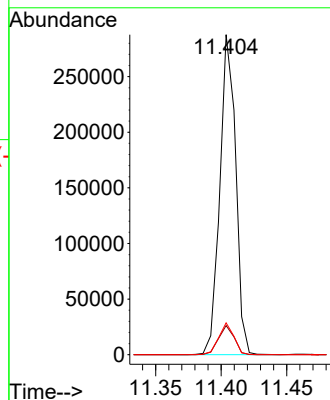
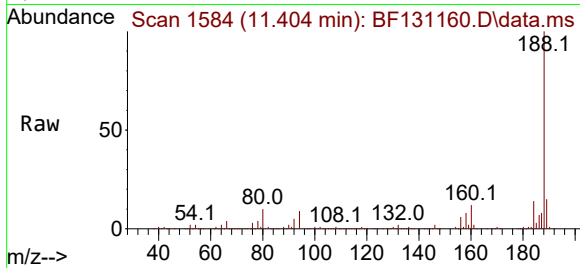




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131160.D
Acq: 11 Nov 2022 18:44

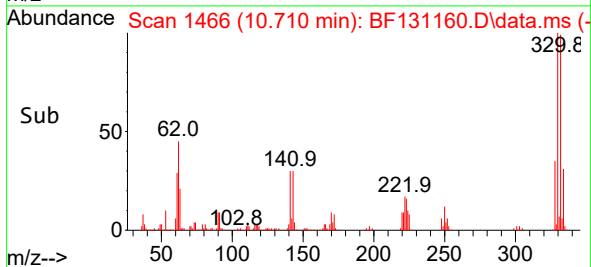
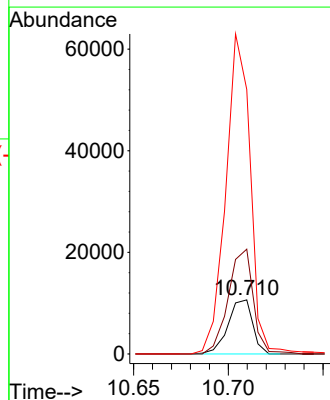
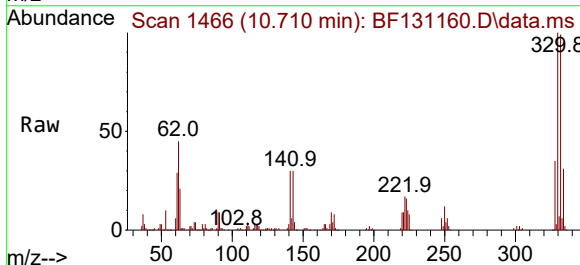
Instrument :
BNA_F
ClientSampleId :
TP-8

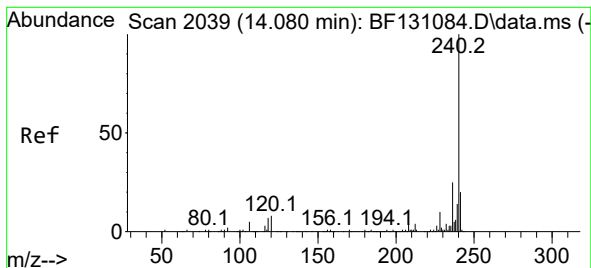
Tgt Ion:188 Resp: 240808
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 9.9 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.542 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.241 min
Lab File: BF131160.D
Acq: 11 Nov 2022 18:44

Tgt Ion:248 Resp: 9644
Ion Ratio Lower Upper
248 100
250 193.5 77.0 115.6#
141 488.6 69.7 104.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF131160.D

Acq: 11 Nov 2022 18:44

Instrument :

BNA_F

ClientSampleId :

TP-8

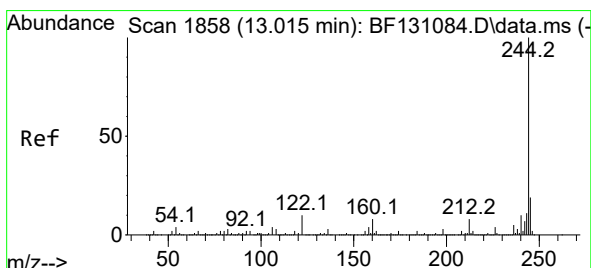
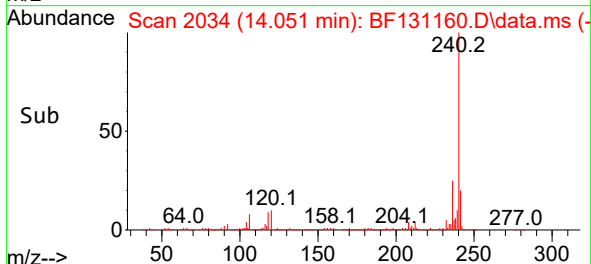
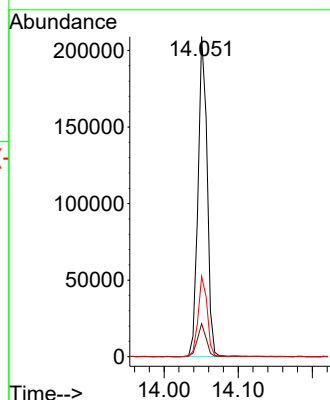
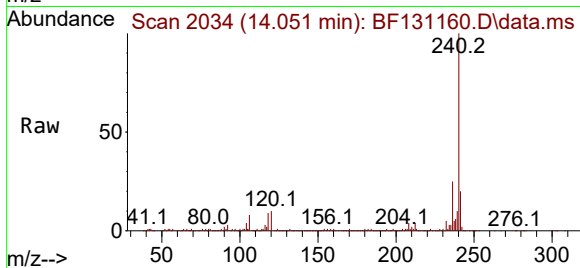
Tgt Ion:240 Resp: 178321

Ion Ratio Lower Upper

240 100

120 10.3 6.5 9.7#

236 25.0 19.7 29.5



#79

Terphenyl-d14

Concen: 49.920 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.006 min

Lab File: BF131160.D

Acq: 11 Nov 2022 18:44

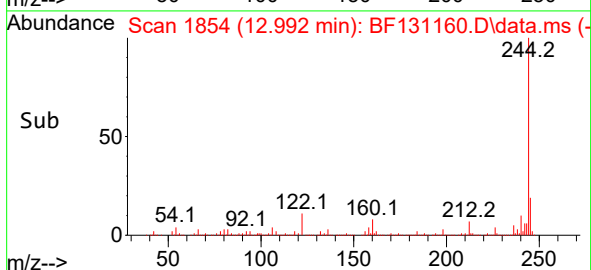
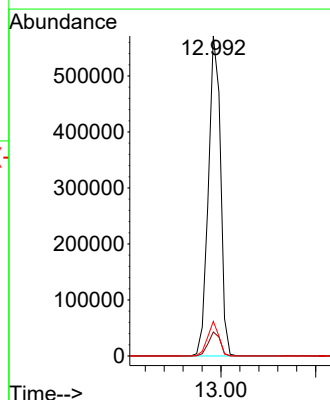
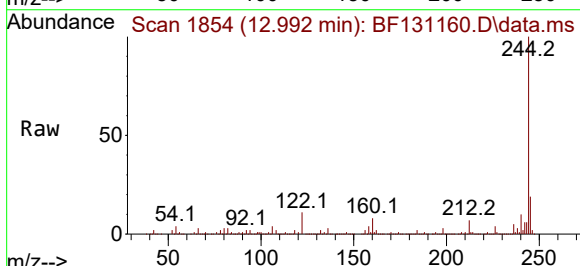
Tgt Ion:244 Resp: 507708

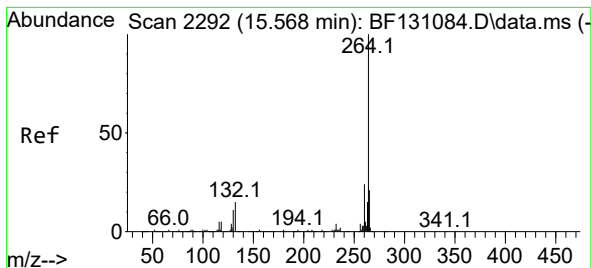
Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 10.8 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF131160.D

Acq: 11 Nov 2022 18:44

Instrument :

BNA_F

ClientSampleId :

TP-8

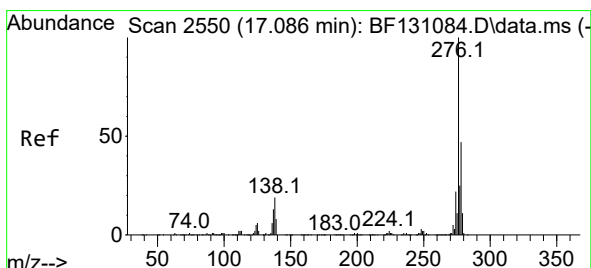
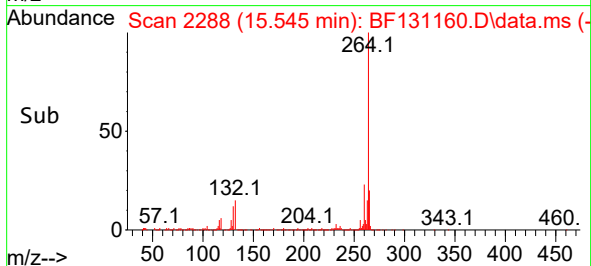
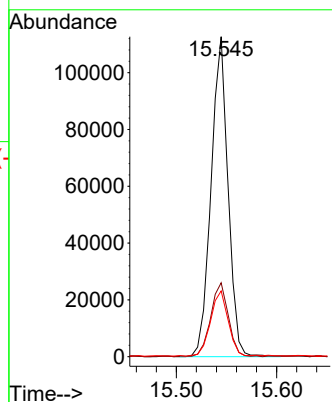
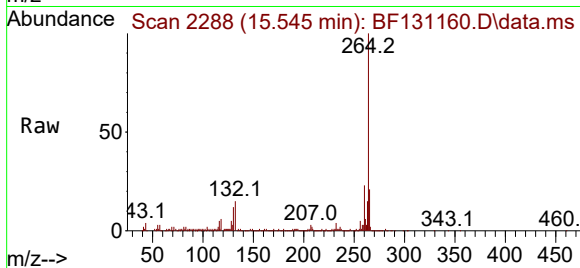
Tgt Ion:264 Resp: 132431

Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 20.5 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.000 ng

RT: 17.051 min Scan# 2544

Delta R.T. -0.006 min

Lab File: BF131160.D

Acq: 11 Nov 2022 18:44

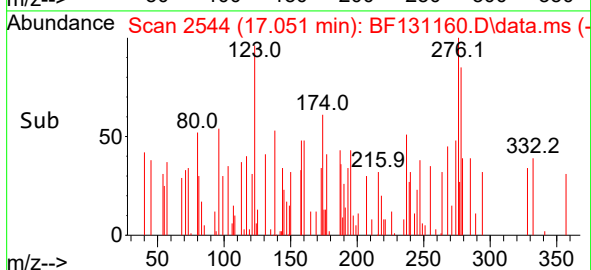
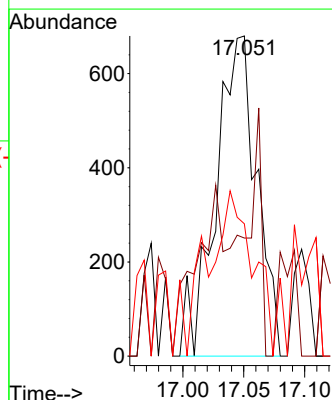
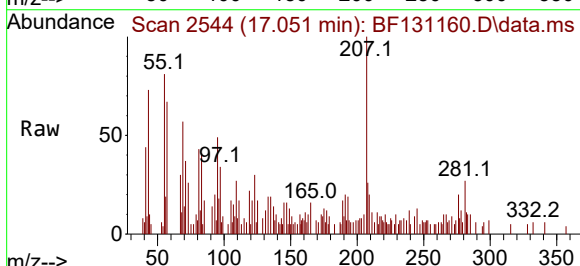
Tgt Ion:276 Resp: 1596

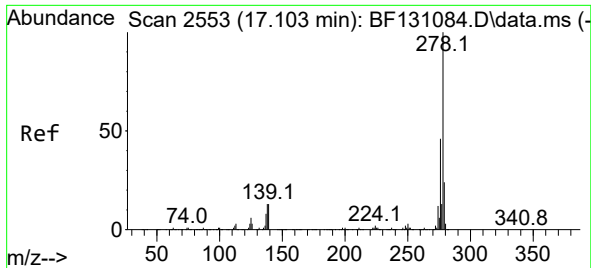
Ion Ratio Lower Upper

276 100

138 17.2 16.9 25.3

277 0.0 20.3 30.5#

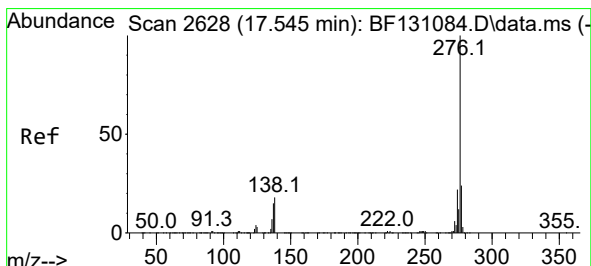
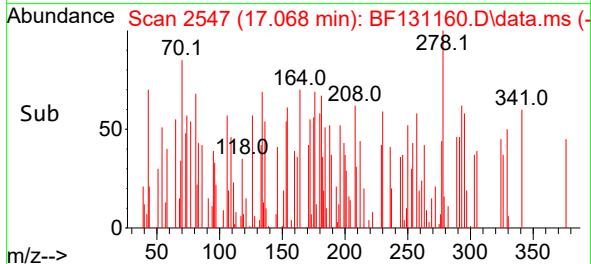
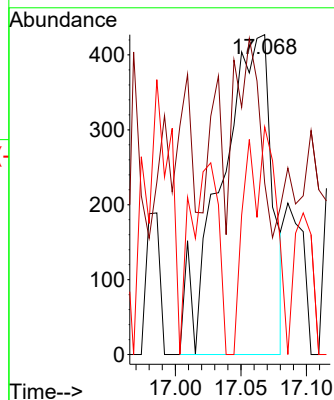
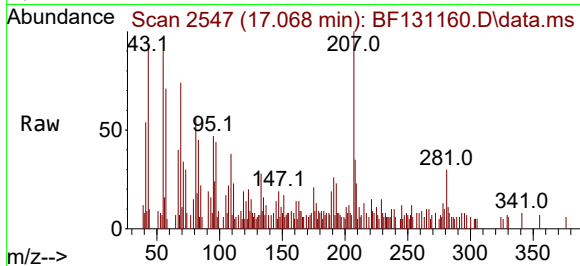




#91
 Dibenzo(a,h)anthracene
 Concen: 3.960 ng
 RT: 17.068 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: BF131160.D
 Acq: 11 Nov 2022 18:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Tgt Ion:278 Resp: 1156
 Ion Ratio Lower Upper
 278 100
 139 53.6 10.8 16.2#
 279 71.2 19.2 28.8#



#92
 Benzo(g,h,i)perylene
 Concen: 4.556 ng
 RT: 17.498 min Scan# 2620
 Delta R.T. -0.018 min
 Lab File: BF131160.D
 Acq: 11 Nov 2022 18:44

Tgt Ion:276 Resp: 1945
 Ion Ratio Lower Upper
 276 100
 277 34.0 19.0 28.4#
 138 23.4 14.6 21.8#

