

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
 Data File : BF131163.D
 Acq On : 11 Nov 2022 20:24
 Operator : CG\JU
 Sample : N5506-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Quant Time: Nov 12 00:06:42 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)

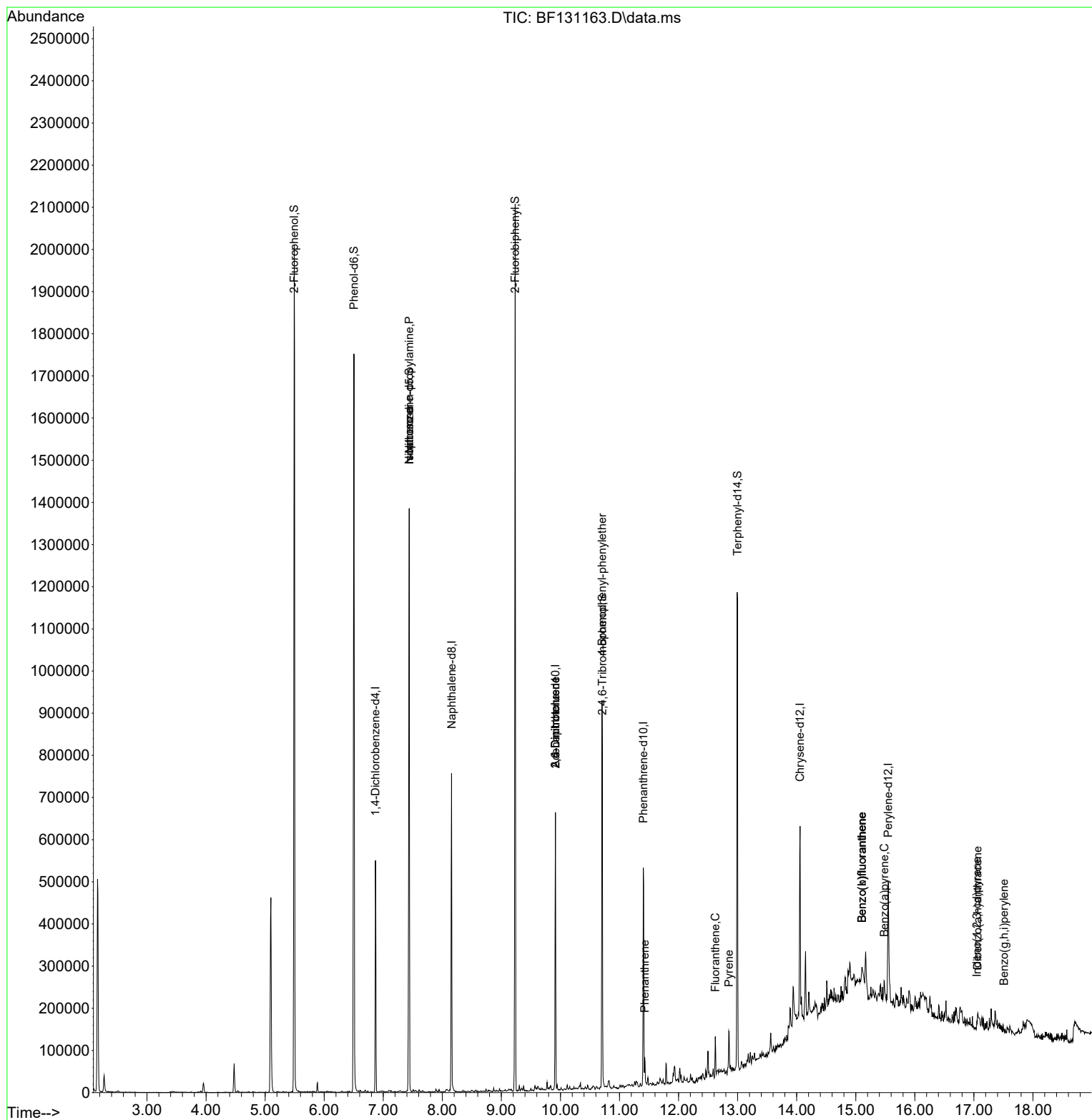
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	69944	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	280982	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	111211	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	187634	20.000	ng	0.00
76) Chrysene-d12	14.057	240	148467	20.000	ng	0.00
86) Perylene-d12	15.551	264	94511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	499923	121.551	ng	0.00
7) Phenol-d6	6.504	99	531854	98.912	ng	0.00
23) Nitrobenzene-d5	7.439	82	406193	65.225	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	98029	85.292	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	541554	67.979	ng	0.00
79) Terphenyl-d14	12.998	244	394194	46.552	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	56559	16.020	ng	# 74
25) Isophorone	7.439	82	404918	42.051	ng	# 68
51) 2,6-Dinitrotoluene	9.916	165	15079	8.673	ng	# 14
57) 2,4-Dinitrotoluene	9.916	165	15079	6.525	ng	# 17
67) 4-Bromophenyl-phenylether	10.704	248	6092	2.871	ng	# 1
71) Phenanthrene	11.427	178	22085	2.140	ng	95
75) Fluoranthene	12.621	202	35163	3.404	ng	99
78) Pyrene	12.851	202	37600	2.952	ng	94
87) Indeno(1,2,3-cd)pyrene	17.051	276	8081	4.826	ng	# 84
88) Benzo(b)fluoranthene	15.104	252	25800	3.861	ng	# 78
89) Benzo(k)fluoranthene	15.104	252	25800	4.017	ng	# 79
90) Benzo(a)pyrene	15.486	252	11735	2.191	ng	# 79
91) Dibenzo(a,h)anthracene	17.062	278	2575	4.217	ng	# 41
92) Benzo(g,h,i)perylene	17.509	276	6994	5.322	ng	# 82

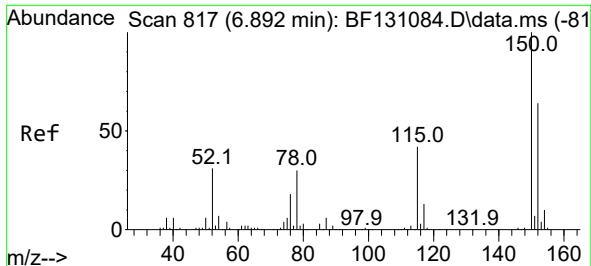
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
Data File : BF131163.D
Acq On : 11 Nov 2022 20:24
Operator : CG\JU
Sample : N5506-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9

Quant Time: Nov 12 00:06:42 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

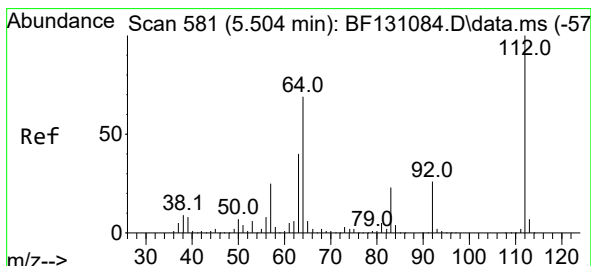
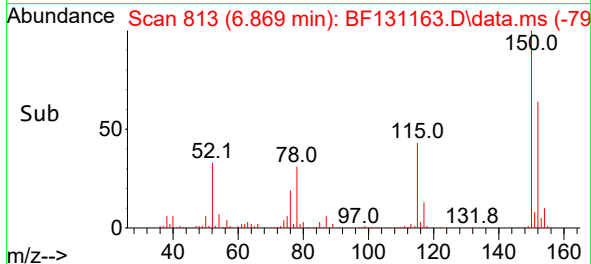
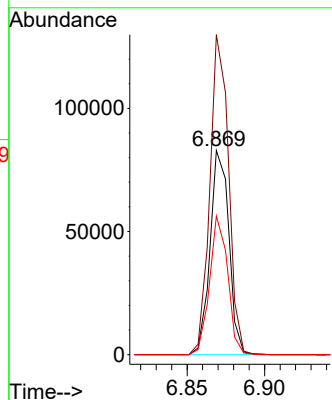
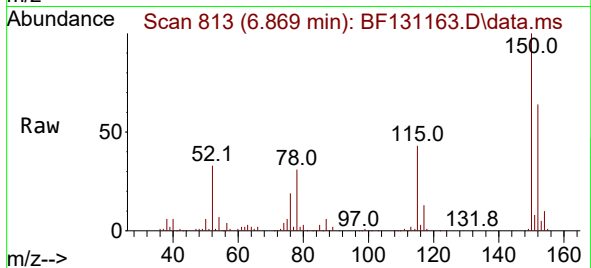




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131163.D
 Acq: 11 Nov 2022 20:24

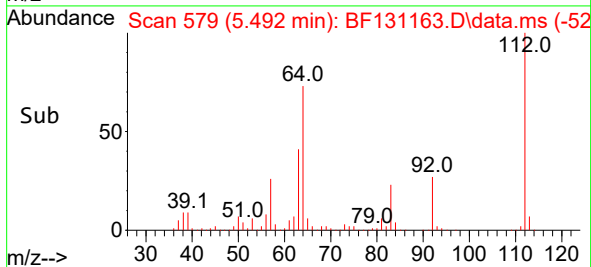
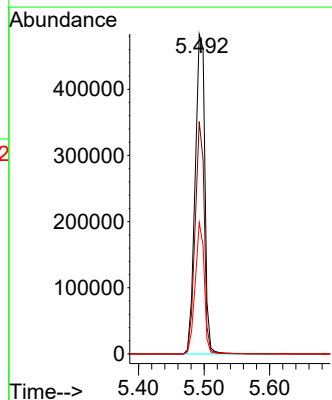
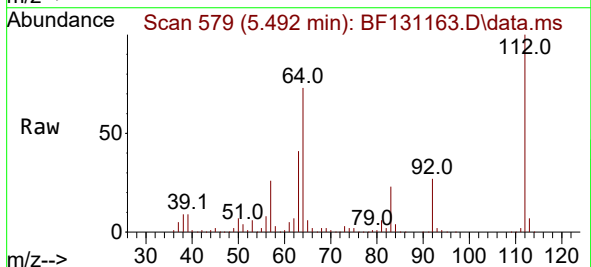
Instrument :
 BNA_F
 ClientSampleId :
 TP-9

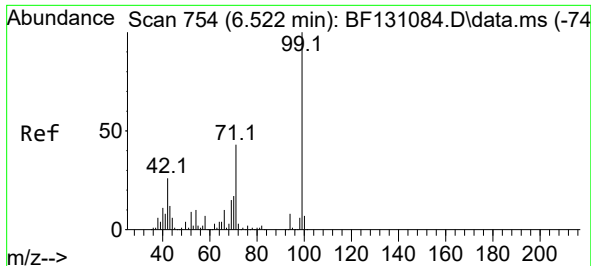
Tgt Ion:152 Resp: 69944
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.5 188.3
 115 68.0 52.2 78.2



#5
 2-Fluorophenol
 Concen: 121.551 ng
 RT: 5.492 min Scan# 579
 Delta R.T. 0.006 min
 Lab File: BF131163.D
 Acq: 11 Nov 2022 20:24

Tgt Ion:112 Resp: 499923
 Ion Ratio Lower Upper
 112 100
 64 72.6 55.1 82.7
 63 41.1 32.4 48.6

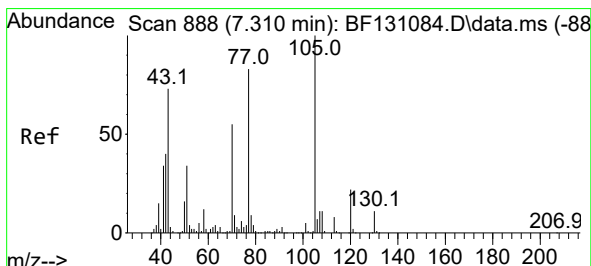
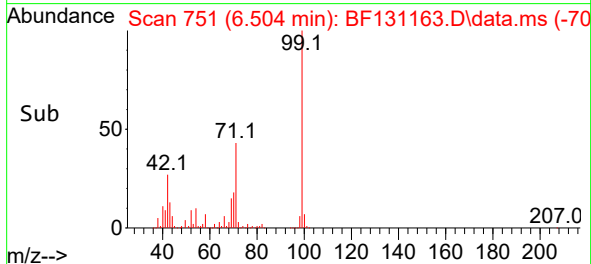
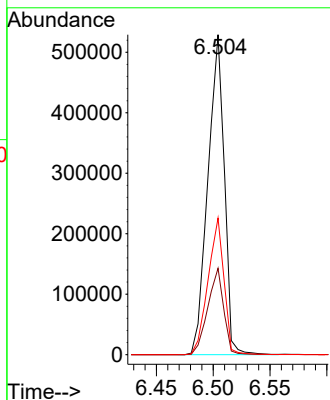
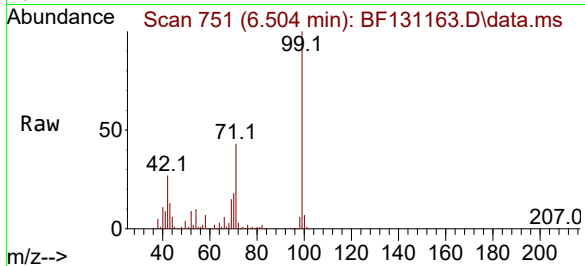




#7
Phenol-d6
Concen: 98.912 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24

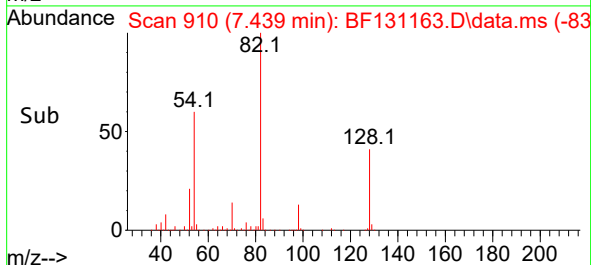
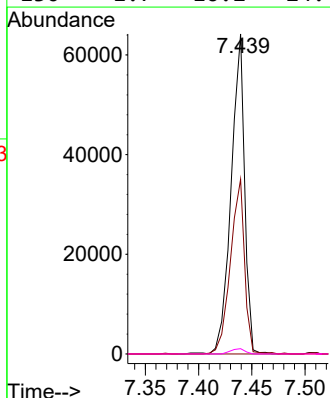
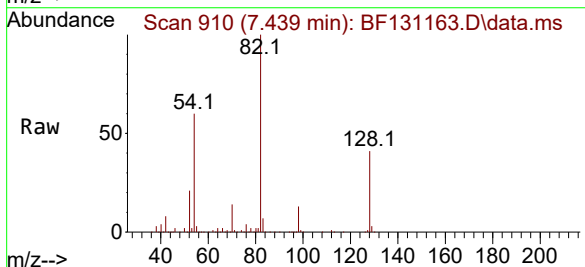
Instrument :
BNA_F
ClientSampleId :
TP-9

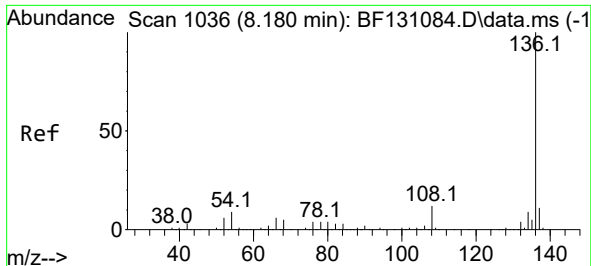
Tgt Ion: 99 Resp: 531854
Ion Ratio Lower Upper
99 100
42 27.0 20.8 31.2
71 42.7 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.020 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24

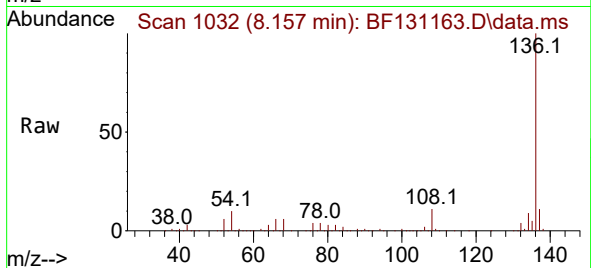
Tgt Ion: 70 Resp: 56559
Ion Ratio Lower Upper
70 100
42 54.6 58.3 87.5#
101 0.0 7.4 11.2#
130 1.7 16.2 24.4#



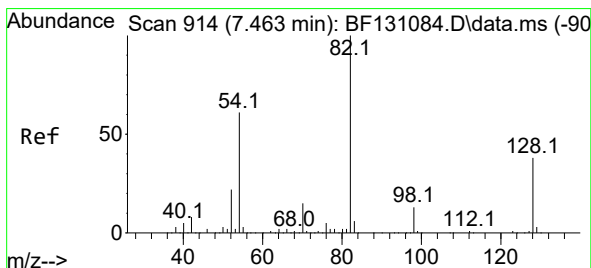
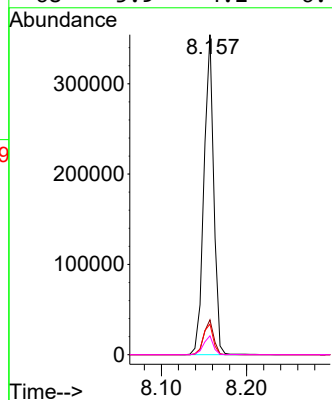
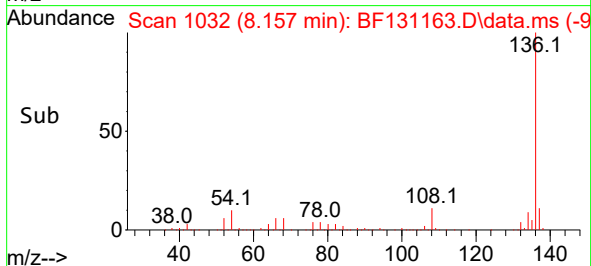


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24

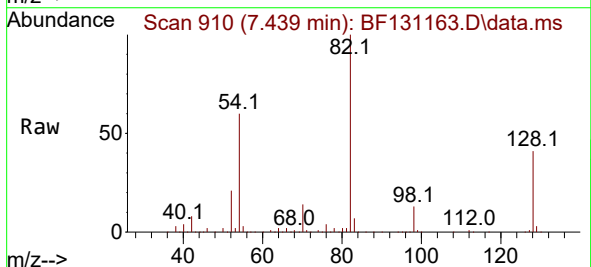
Instrument :
BNA_F
ClientSampleId :
TP-9



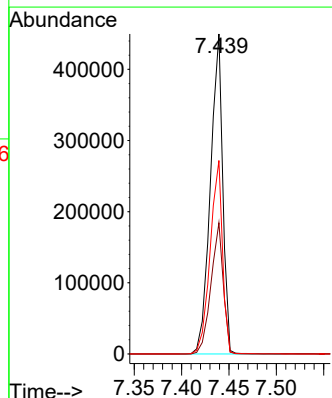
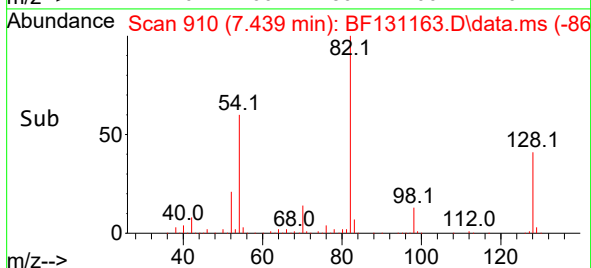
Tgt Ion:136 Resp: 280982
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.6 7.2 10.8
68 5.9 4.2 6.4

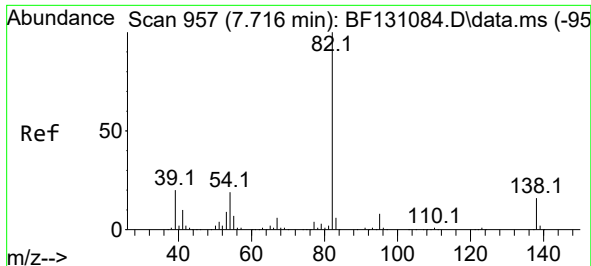


#23
Nitrobenzene-d5
Concen: 65.225 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24



Tgt Ion: 82 Resp: 406193
Ion Ratio Lower Upper
82 100
128 41.0 30.5 45.7
54 60.5 49.1 73.7

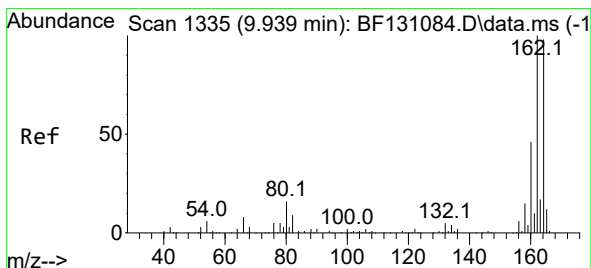
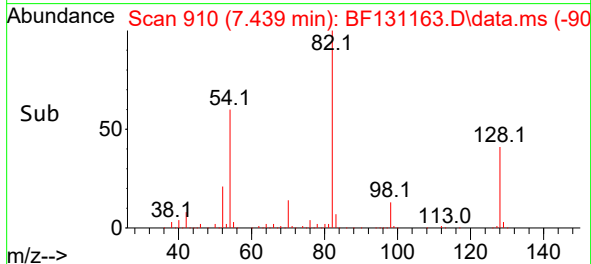
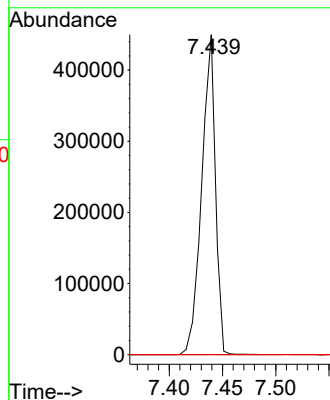
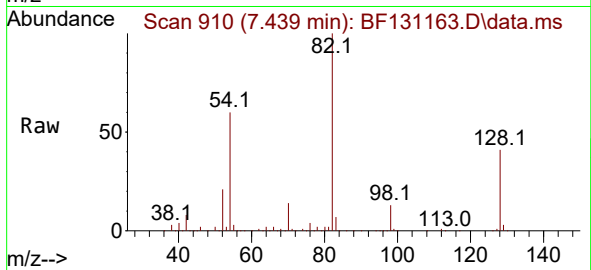




#25
Isophorone
Concen: 42.051 ng
RT: 7.439 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24

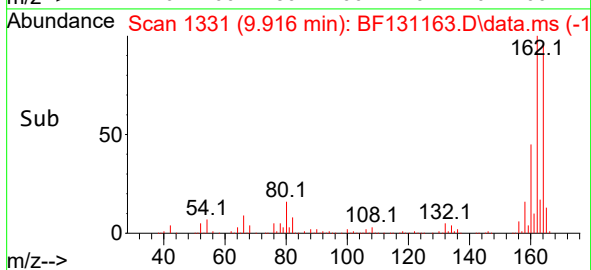
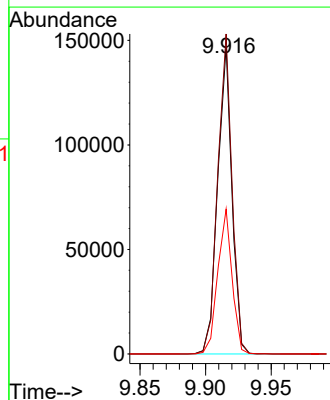
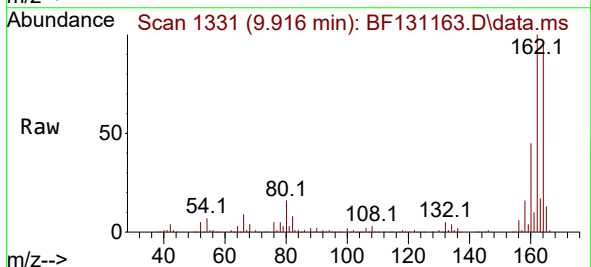
Instrument :
BNA_F
ClientSampleId :
TP-9

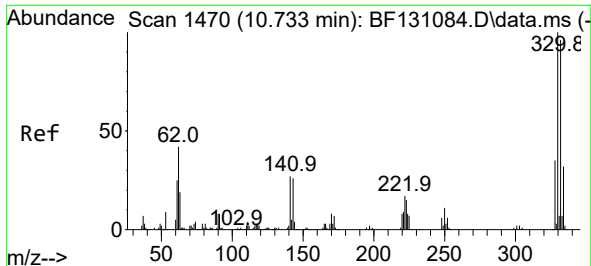
Tgt Ion: 82 Resp: 404918
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24

Tgt Ion:164 Resp: 111211
Ion Ratio Lower Upper
164 100
162 104.1 81.7 122.5
160 47.1 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 85.292 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF131163.D

Acq: 11 Nov 2022 20:24

Instrument :

BNA_F

ClientSampleId :

TP-9

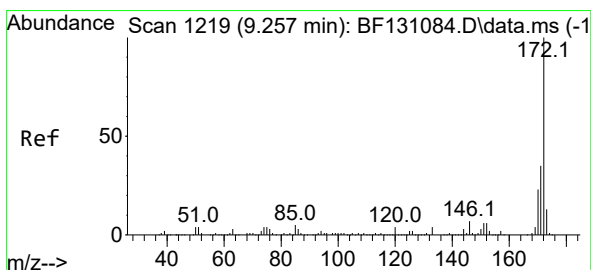
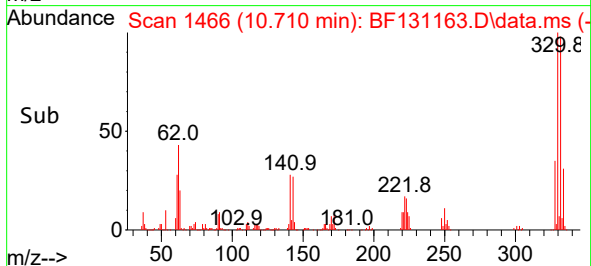
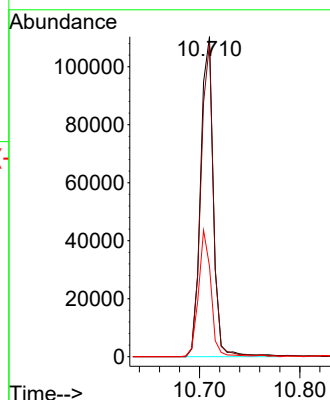
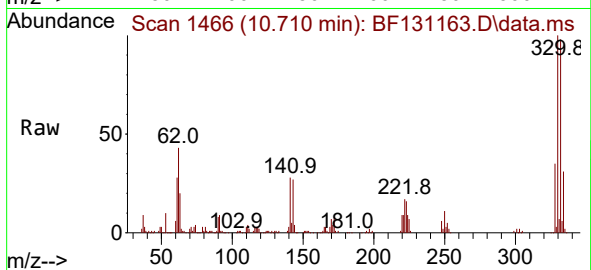
Tgt Ion:330 Resp: 98029

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.4

141 38.2 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 67.979 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF131163.D

Acq: 11 Nov 2022 20:24

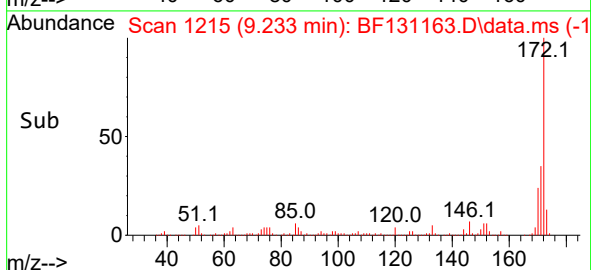
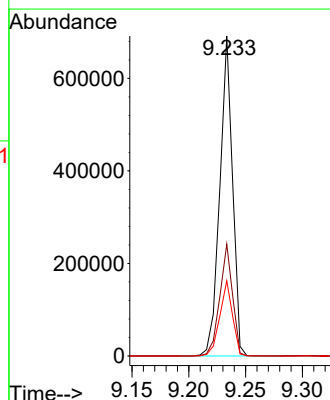
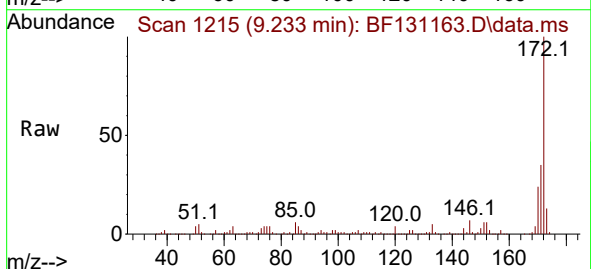
Tgt Ion:172 Resp: 541554

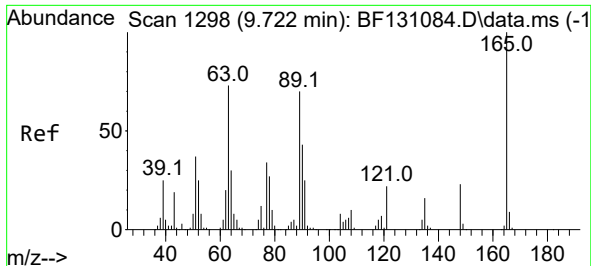
Ion Ratio Lower Upper

172 100

171 35.0 27.7 41.5

170 23.5 18.8 28.2

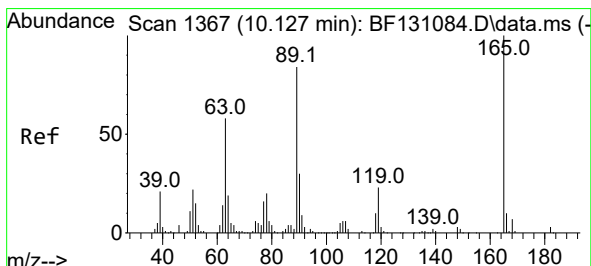
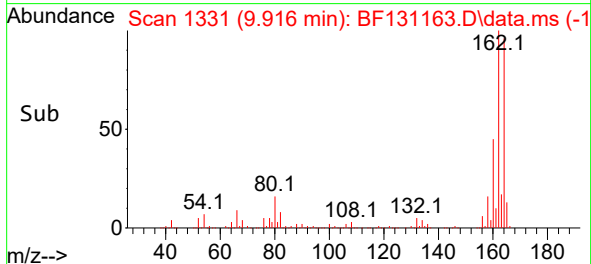
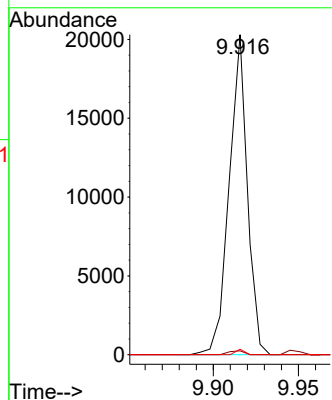
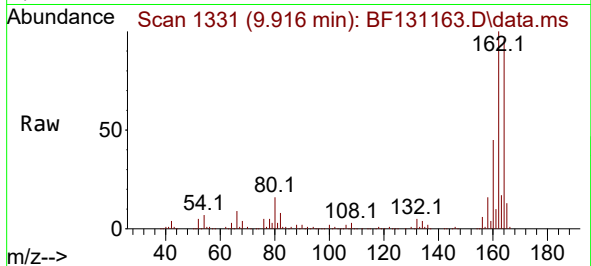




#51
2,6-Dinitrotoluene
Concen: 8.673 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24

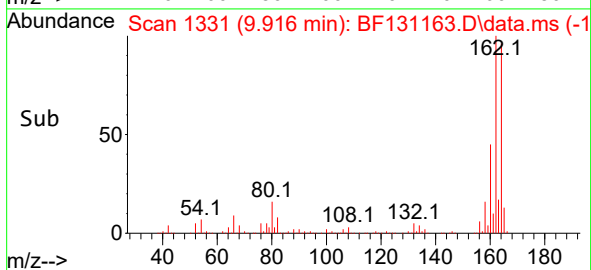
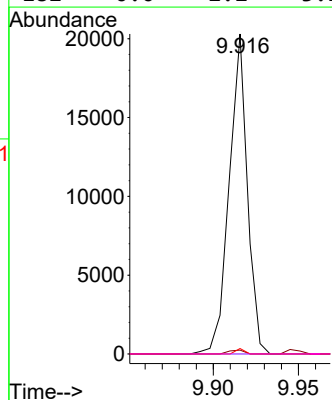
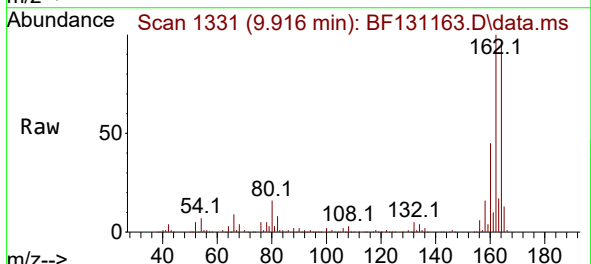
Instrument :
BNA_F
ClientSampleId :
TP-9

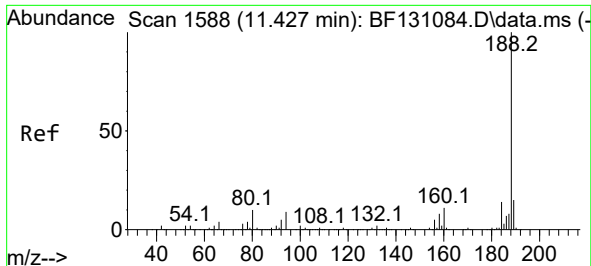
Tgt Ion:165 Resp: 15079
Ion Ratio Lower Upper
165 100
63 1.2 61.4 92.2#
89 1.7 56.0 84.0#



#57
2,4-Dinitrotoluene
Concen: 6.525 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.194 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24

Tgt Ion:165 Resp: 15079
Ion Ratio Lower Upper
165 100
63 1.2 46.9 70.3#
89 1.7 66.9 100.3#
182 0.0 2.2 3.2#

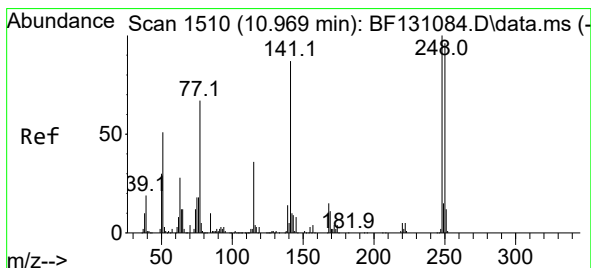
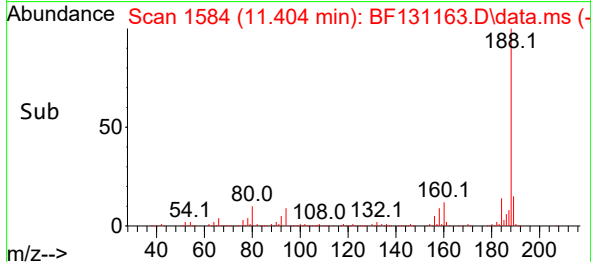
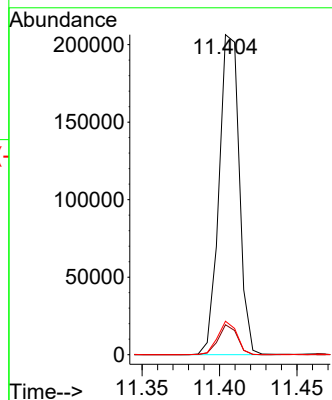
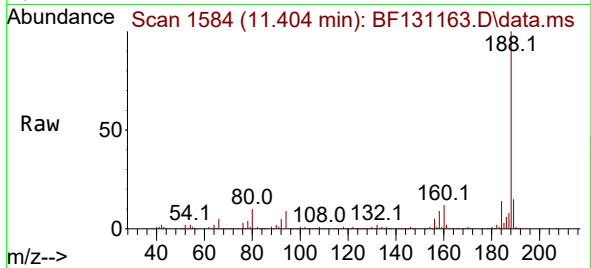




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24

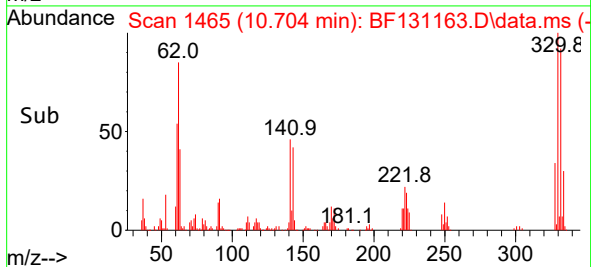
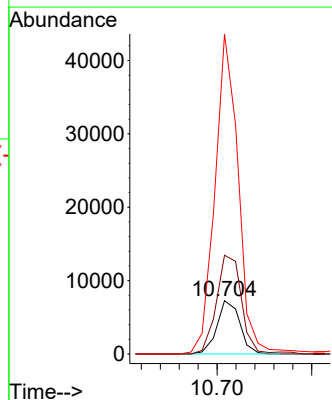
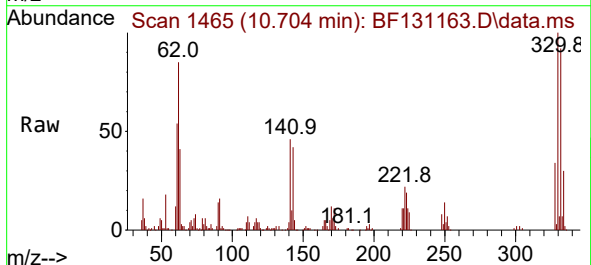
Instrument :
BNA_F
ClientSampleId :
TP-9

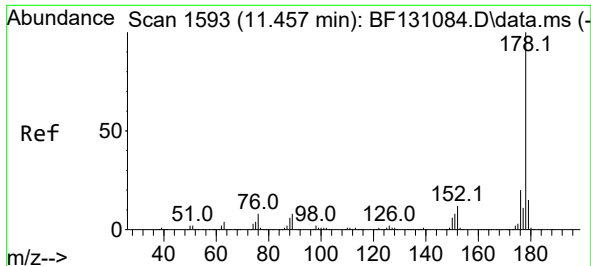
Tgt Ion:188 Resp: 187634
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.5 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.871 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24

Tgt Ion:248 Resp: 6092
Ion Ratio Lower Upper
248 100
250 185.6 77.0 115.6#
141 601.1 69.7 104.5#

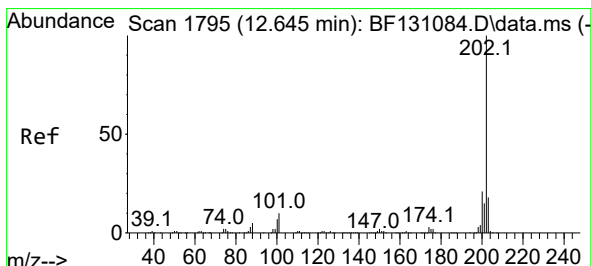
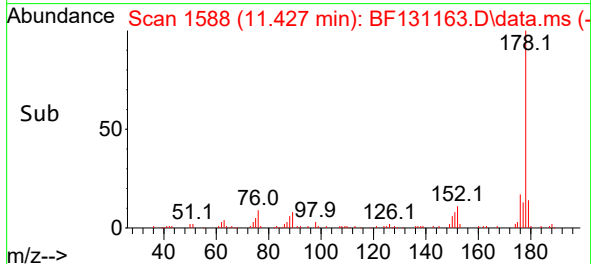
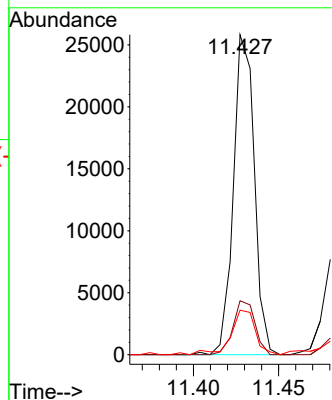
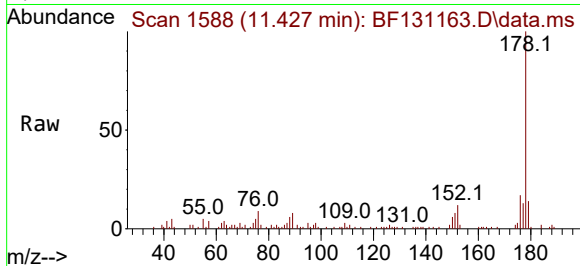




#71
Phenanthrene
Concen: 2.140 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24

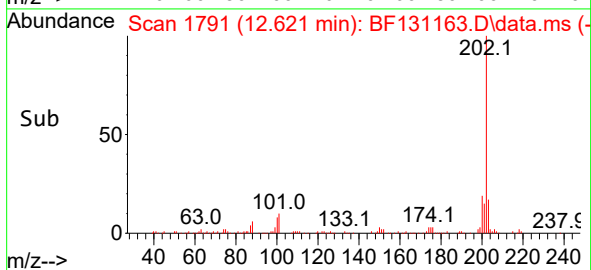
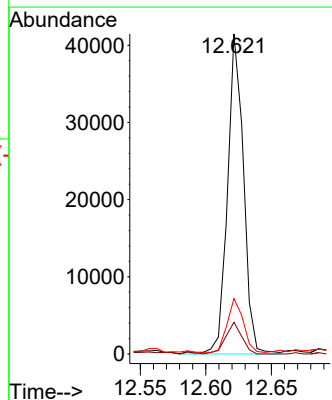
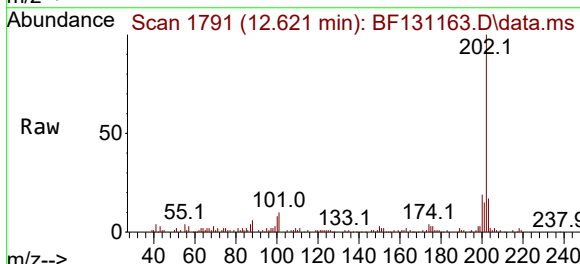
Instrument :
BNA_F
ClientSampleId :
TP-9

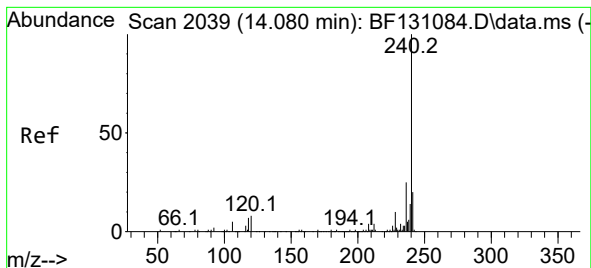
Tgt Ion:178 Resp: 22085
Ion Ratio Lower Upper
178 100
176 16.8 15.8 23.8
179 13.9 12.2 18.2



#75
Fluoranthene
Concen: 3.404 ng
RT: 12.621 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24

Tgt Ion:202 Resp: 35163
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.0
203 17.3 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF131163.D

Acq: 11 Nov 2022 20:24

Instrument :

BNA_F

ClientSampleId :

TP-9

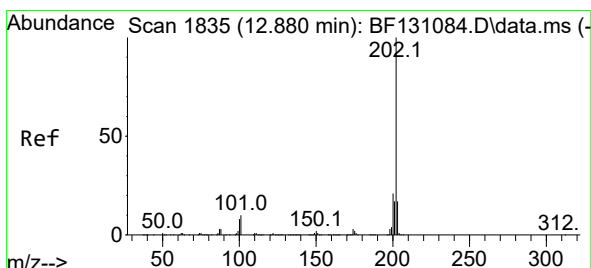
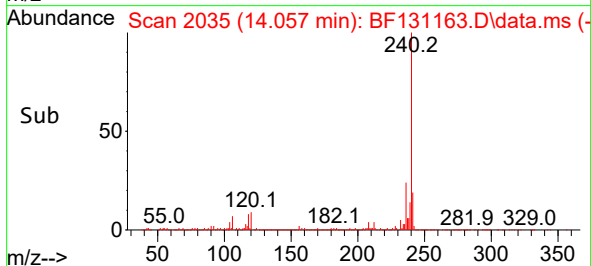
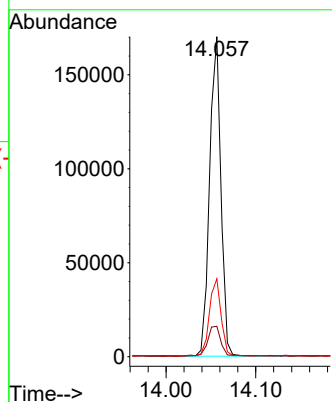
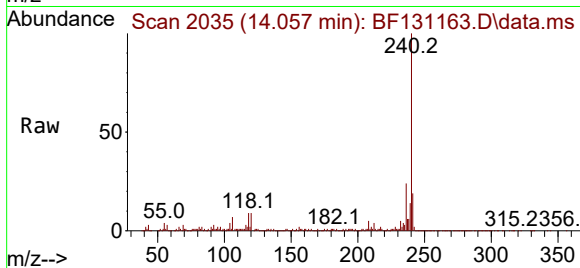
Tgt Ion:240 Resp: 148467

Ion Ratio Lower Upper

240 100

120 9.5 6.5 9.7

236 24.4 19.7 29.5



#78

Pyrene

Concen: 2.952 ng

RT: 12.851 min Scan# 1830

Delta R.T. -0.006 min

Lab File: BF131163.D

Acq: 11 Nov 2022 20:24

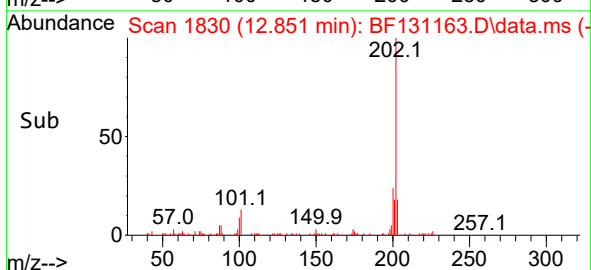
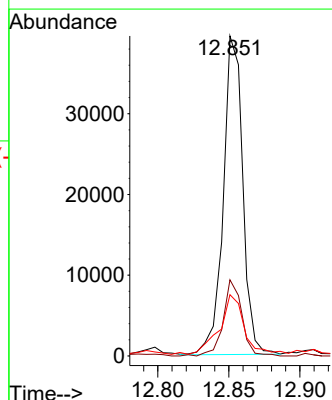
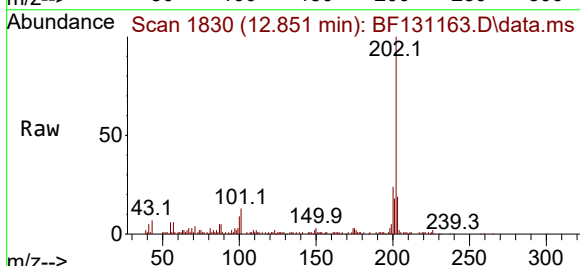
Tgt Ion:202 Resp: 37600

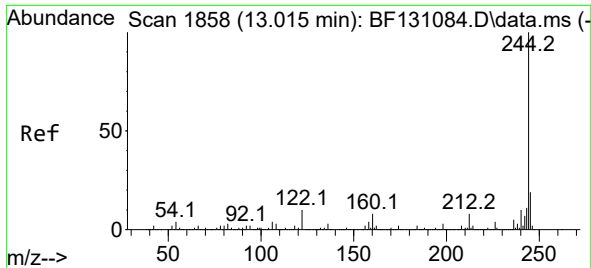
Ion Ratio Lower Upper

202 100

200 23.8 16.8 25.2

203 19.1 13.6 20.4

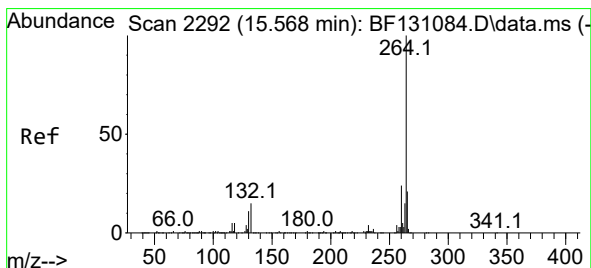
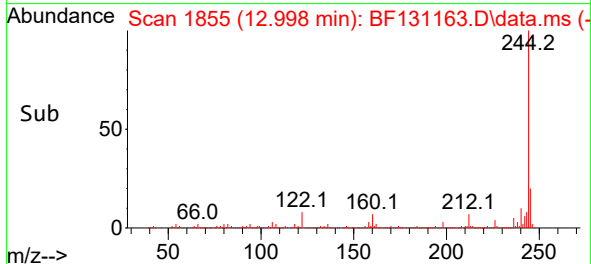
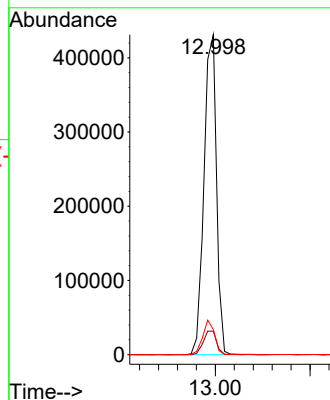
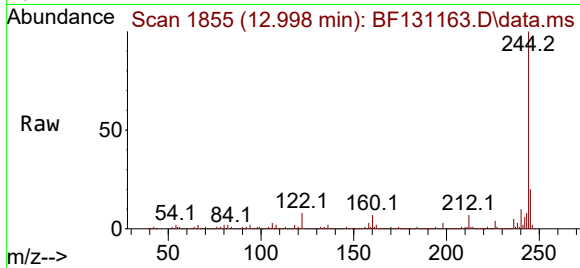




#79
 Terphenyl-d14
 Concen: 46.552 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131163.D
 Acq: 11 Nov 2022 20:24

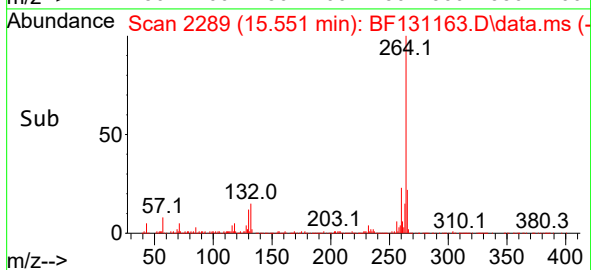
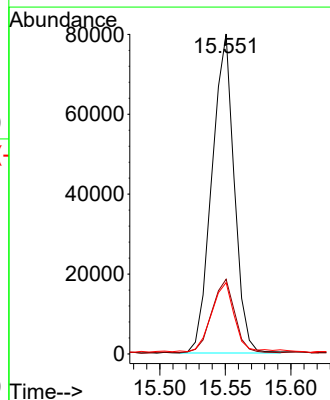
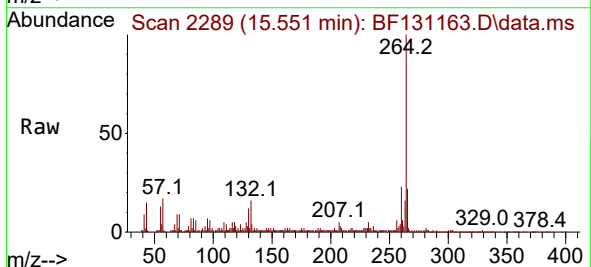
Instrument :
 BNA_F
 ClientSampleId :
 TP-9

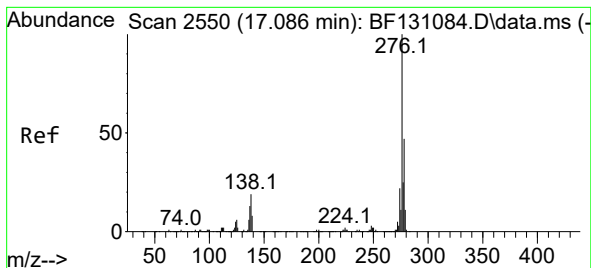
Tgt Ion:244 Resp: 394194
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 7.9 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.006 min
 Lab File: BF131163.D
 Acq: 11 Nov 2022 20:24

Tgt Ion:264 Resp: 94511
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 22.3 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.826 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131163.D

Acq: 11 Nov 2022 20:24

Instrument :

BNA_F

ClientSampleId :

TP-9

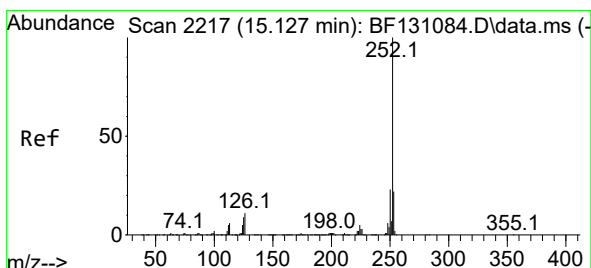
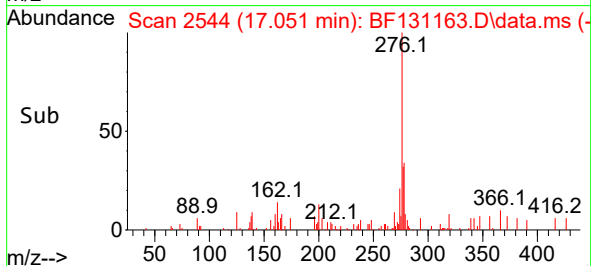
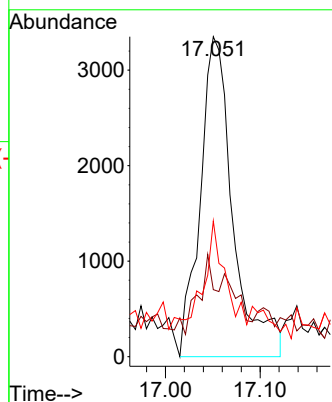
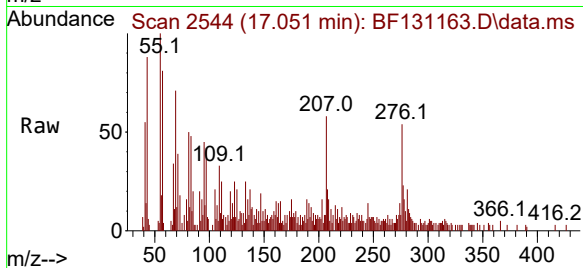
Tgt Ion:276 Resp: 8081

Ion Ratio Lower Upper

276 100

138 11.7 16.9 25.3#

277 18.8 20.3 30.5#



#88

Benzo(b)fluoranthene

Concen: 3.861 ng

RT: 15.104 min Scan# 2213

Delta R.T. -0.000 min

Lab File: BF131163.D

Acq: 11 Nov 2022 20:24

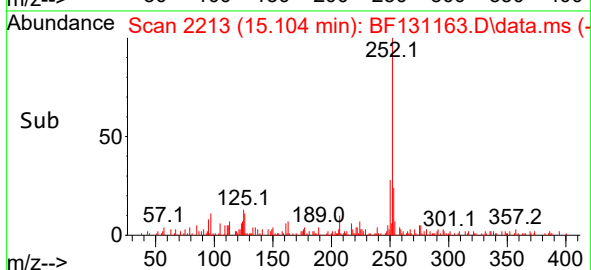
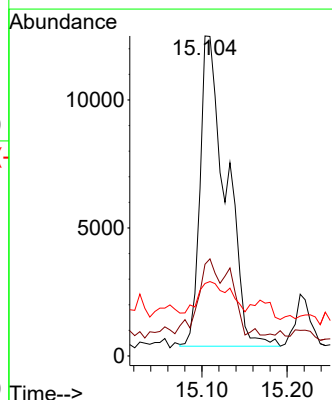
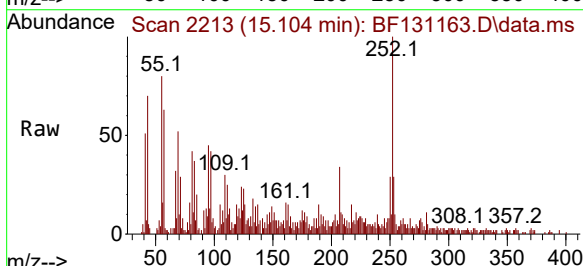
Tgt Ion:252 Resp: 25800

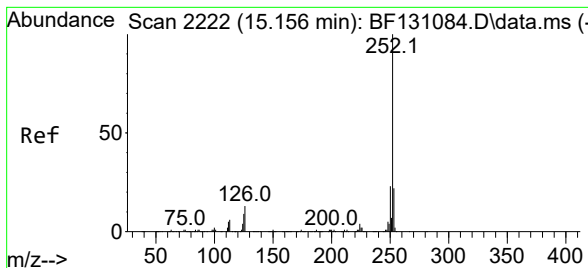
Ion Ratio Lower Upper

252 100

253 28.7 17.3 25.9#

125 22.7 7.2 10.8#





#89

Benzo(k)fluoranthene

Concen: 4.017 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF131163.D

Acq: 11 Nov 2022 20:24

Instrument :

BNA_F

ClientSampleId :

TP-9

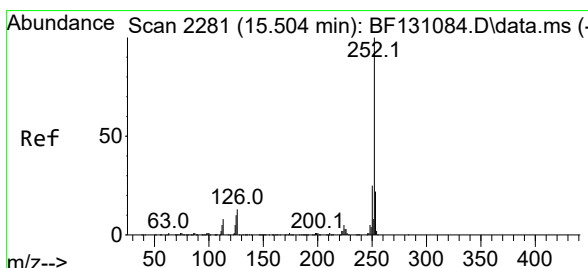
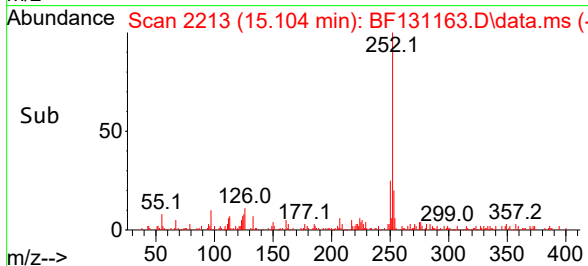
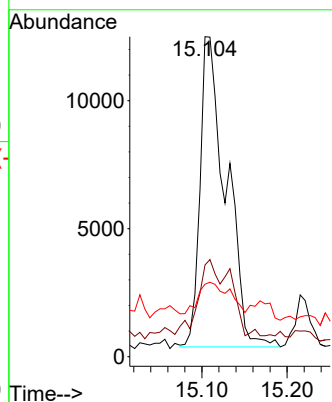
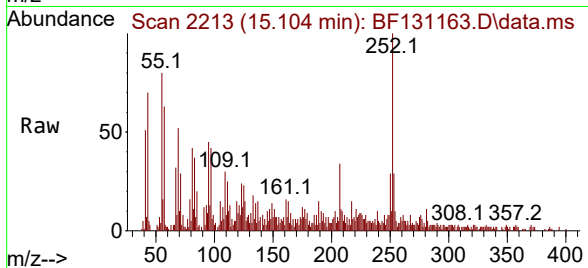
Tgt Ion:252 Resp: 25800

Ion Ratio Lower Upper

252 100

253 28.7 17.6 26.4#

125 22.7 7.5 11.3#



#90

Benzo(a)pyrene

Concen: 2.191 ng

RT: 15.486 min Scan# 2278

Delta R.T. 0.006 min

Lab File: BF131163.D

Acq: 11 Nov 2022 20:24

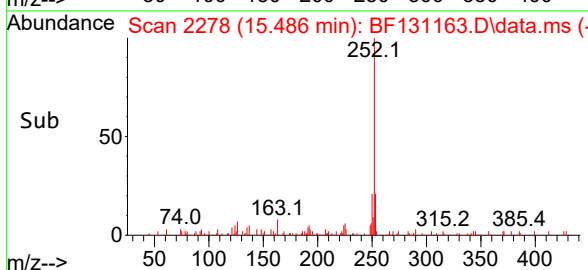
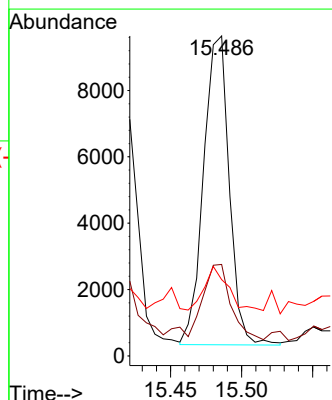
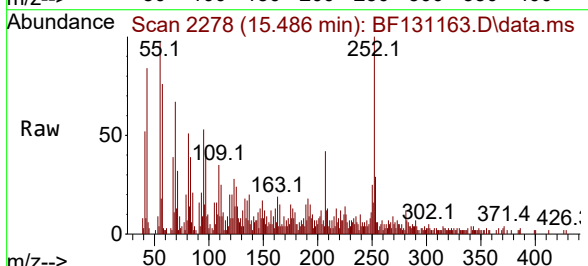
Tgt Ion:252 Resp: 11735

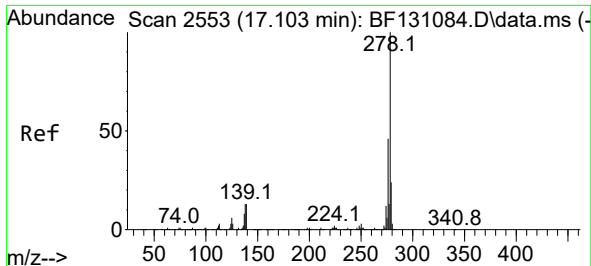
Ion Ratio Lower Upper

252 100

253 28.6 17.8 26.8#

125 23.9 8.1 12.1#

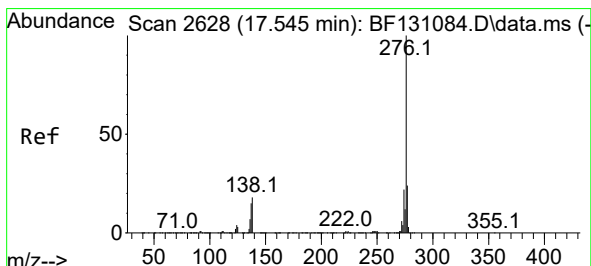
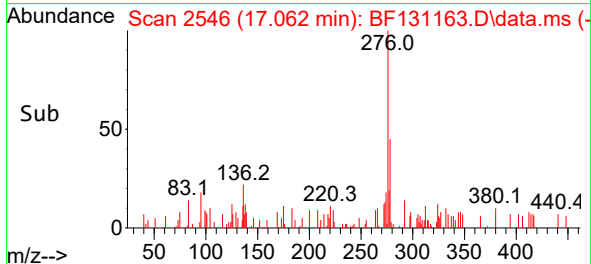
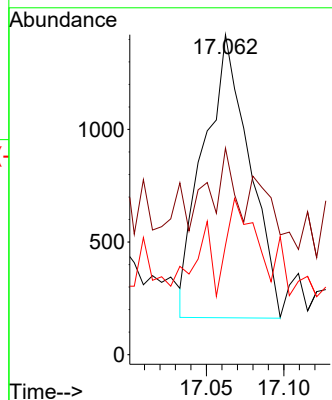
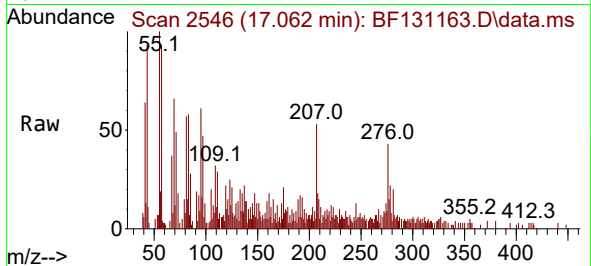




#91
Dibenzo(a,h)anthracene
Concen: 4.217 ng
RT: 17.062 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion:278 Resp: 2575
Ion Ratio Lower Upper
278 100
139 64.5 10.8 16.2#
279 34.2 19.2 28.8#



#92
Benzo(g,h,i)perylene
Concen: 5.322 ng
RT: 17.509 min Scan# 2622
Delta R.T. -0.006 min
Lab File: BF131163.D
Acq: 11 Nov 2022 20:24

Tgt Ion:276 Resp: 6994
Ion Ratio Lower Upper
276 100
277 27.6 19.0 28.4
138 32.3 14.6 21.8#

