

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131120.D
 Acq On : 10 Nov 2022 13:24
 Operator : CG\JU
 Sample : N5378-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-20221028-12.5-13.5

Quant Time: Nov 11 00:46:58 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)

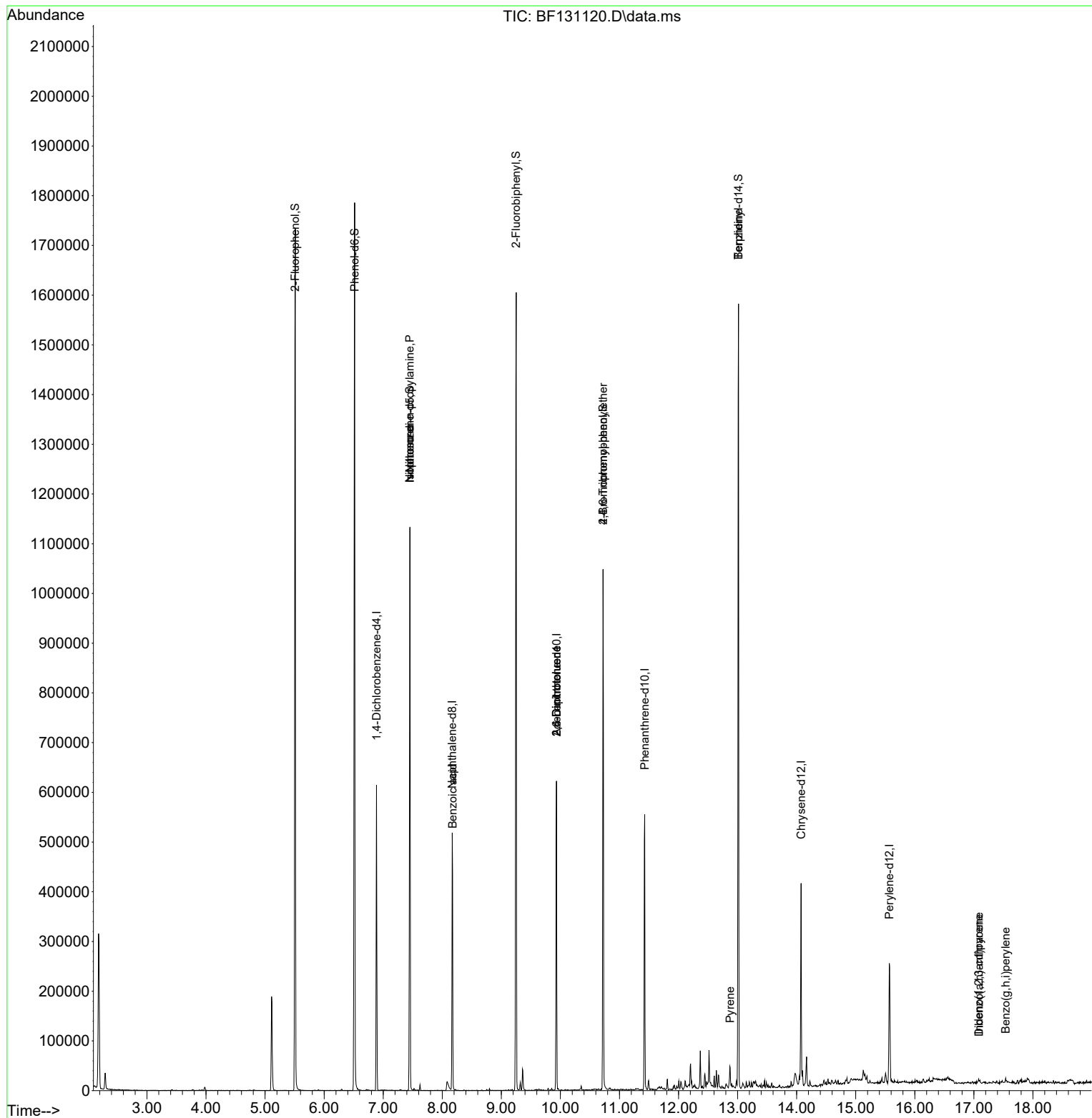
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	74020	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	214877	20.000	ng	-0.01
39) Acenaphthene-d10	9.934	164	116729	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	195531	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	112085	20.000	ng	0.00
86) Perylene-d12	15.568	264	111084	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	415827	95.537	ng	0.00
7) Phenol-d6	6.516	99	534027	93.847	ng	0.00
23) Nitrobenzene-d5	7.451	82	325175	68.279	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	106257	88.080	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	478790	57.259	ng	0.00
79) Terphenyl-d14	13.016	244	517791	80.997	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	45034	12.053	ng	# 75
25) Isophorone	7.451	82	325172	44.158	ng	# 68
32) Benzoic acid	8.175	122	73	5.746	ng	# 1
51) 2,6-Dinitrotoluene	9.934	165	15177	8.317	ng	# 15
57) 2,4-Dinitrotoluene	9.934	165	15177	6.257	ng	# 17
67) 4-Bromophenyl-phenylether	10.722	248	6702	3.031	ng	# 1
77) Benzidine	13.016	184	7789	2.356	ng	# 93
78) Pyrene	12.874	202	19366	2.014	ng	95
87) Indeno(1,2,3-cd)pyrene	17.080	276	4127	4.282	ng	# 91
91) Dibenzo(a,h)anthracene	17.086	278	1107	3.977	ng	# 83
92) Benzo(g,h,i)perylene	17.539	276	4660	4.908	ng	# 95

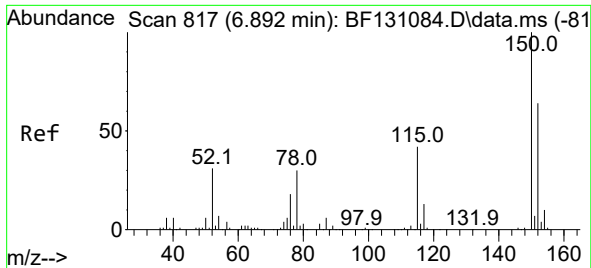
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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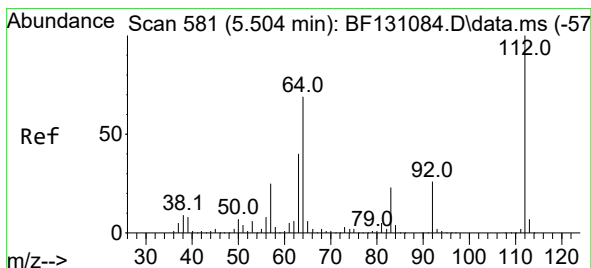
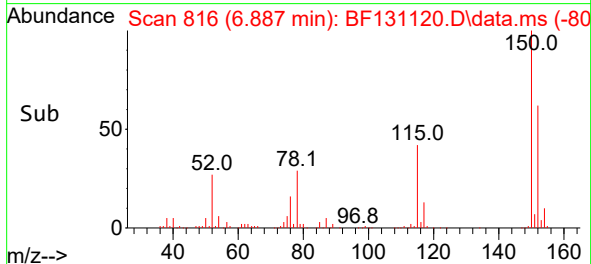
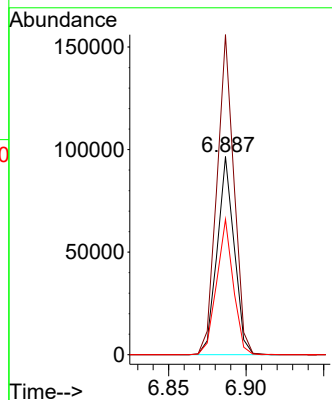
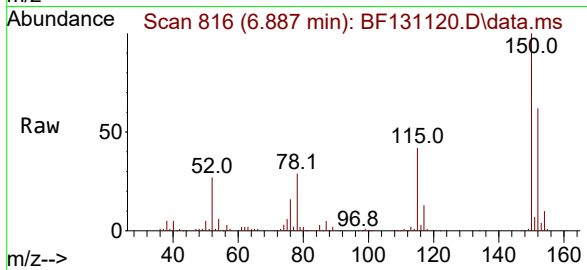




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131120.D
Acq: 10 Nov 2022 13:24

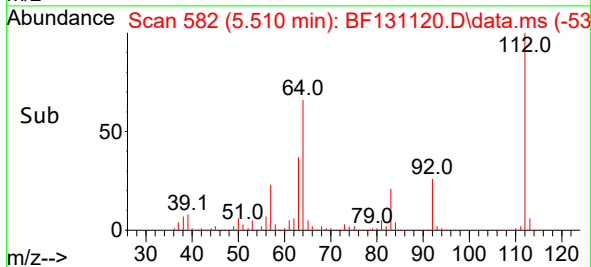
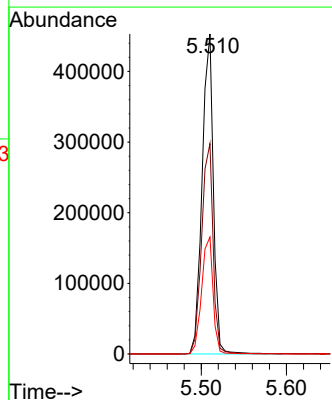
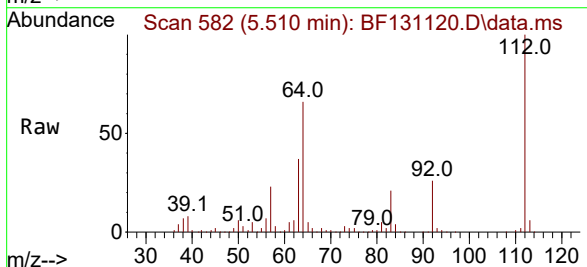
Instrument :
BNA_F
ClientSampleId :
SB-15-20221028-12.5-13.5

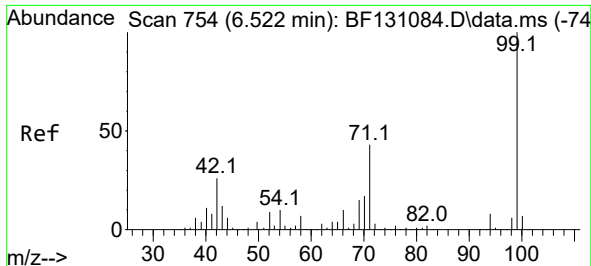
Tgt Ion:152 Resp: 74020
Ion Ratio Lower Upper
152 100
150 161.6 125.5 188.3
115 68.3 52.2 78.2



#5
2-Fluorophenol
Concen: 95.537 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131120.D
Acq: 10 Nov 2022 13:24

Tgt Ion:112 Resp: 415827
Ion Ratio Lower Upper
112 100
64 65.7 55.1 82.7
63 36.6 32.4 48.6

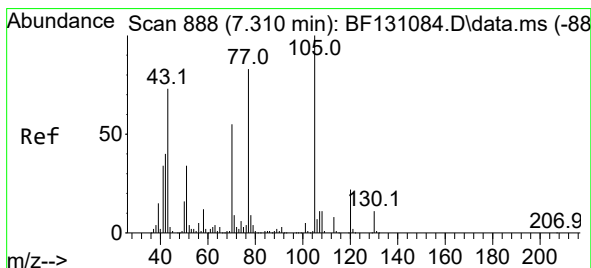
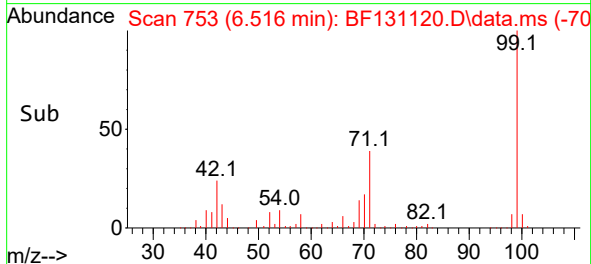
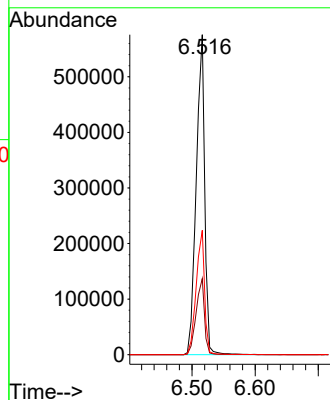
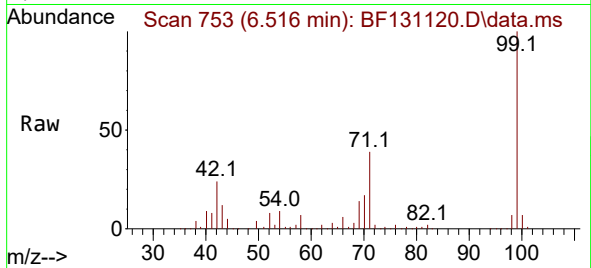




#7
Phenol-d6
Concen: 93.847 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131120.D
Acq: 10 Nov 2022 13:24

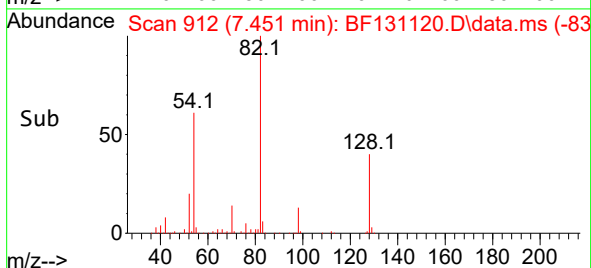
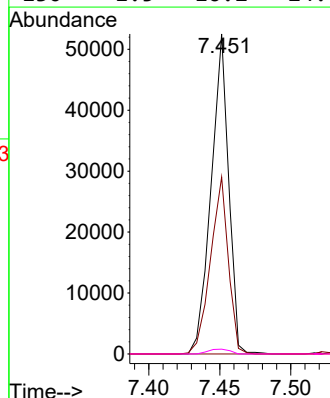
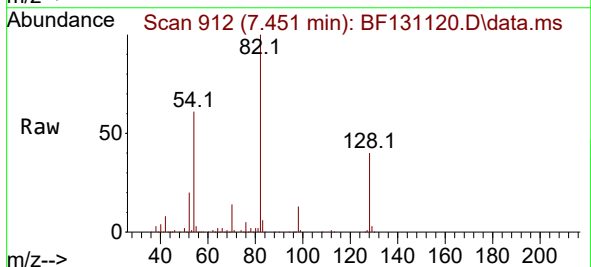
Instrument :
BNA_F
ClientSampleId :
SB-15-20221028-12.5-13.5

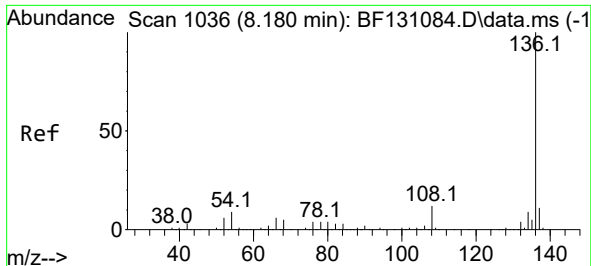
Tgt Ion: 99 Resp: 534027
Ion Ratio Lower Upper
99 100
42 23.8 20.8 31.2
71 38.9 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.053 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF131120.D
Acq: 10 Nov 2022 13:24

Tgt Ion: 70 Resp: 45034
Ion Ratio Lower Upper
70 100
42 55.3 58.3 87.5#
101 0.0 7.4 11.2#
130 1.5 16.2 24.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF131120.D

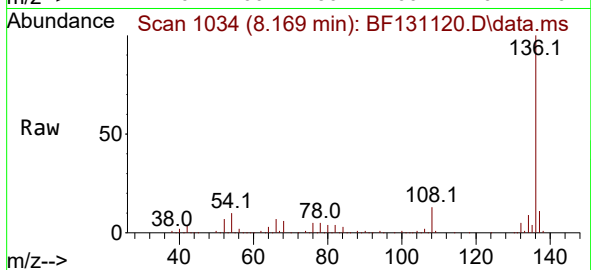
Acq: 10 Nov 2022 13:24

Instrument :

BNA_F

ClientSampleId :

SB-15-20221028-12.5-13.5



Tgt Ion:136 Resp: 214877

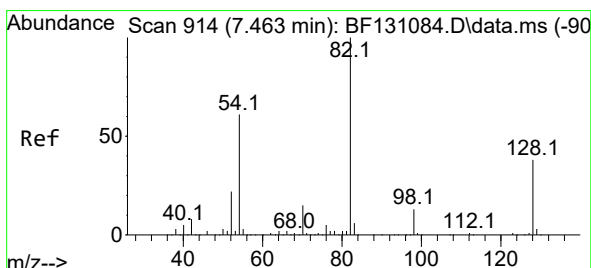
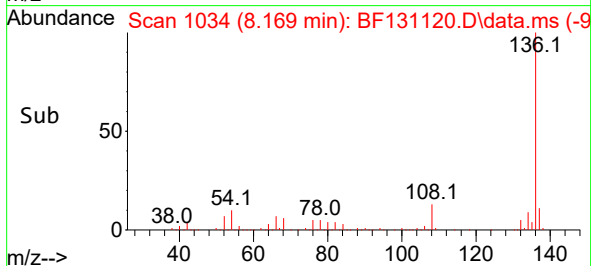
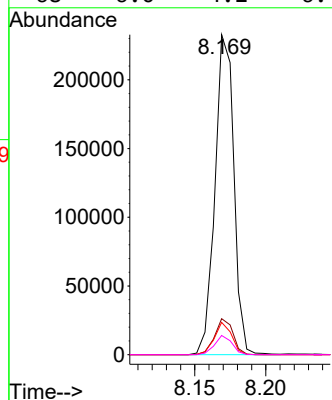
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 10.1 7.2 10.8

68 6.0 4.2 6.4



#23

Nitrobenzene-d5

Concen: 68.279 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF131120.D

Acq: 10 Nov 2022 13:24

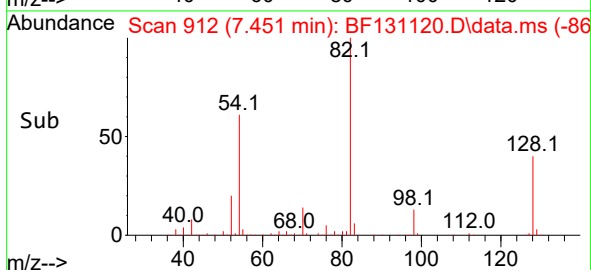
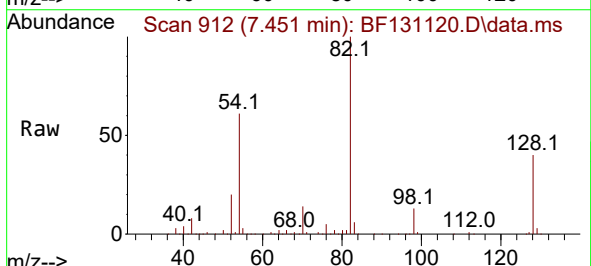
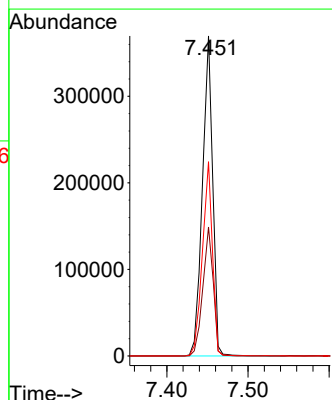
Tgt Ion: 82 Resp: 325175

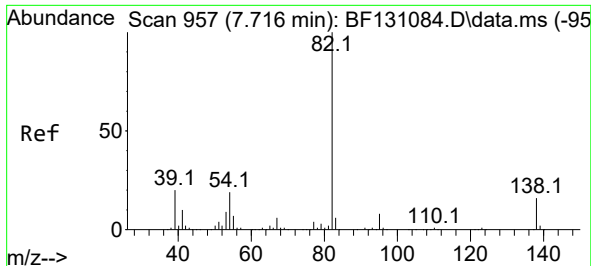
Ion Ratio Lower Upper

82 100

128 40.3 30.5 45.7

54 60.7 49.1 73.7

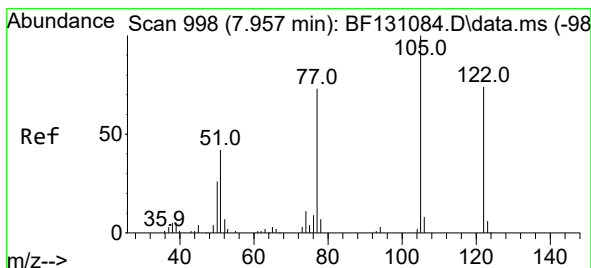
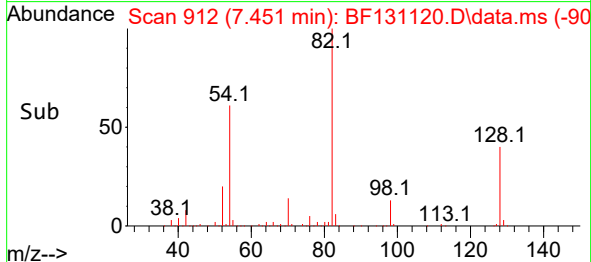
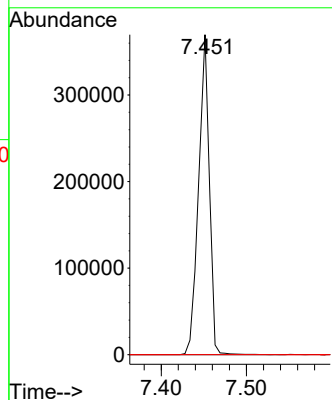
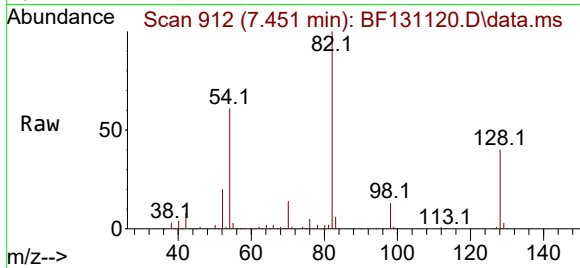




#25
Isophorone
Concen: 44.158 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF131120.D
Acq: 10 Nov 2022 13:24

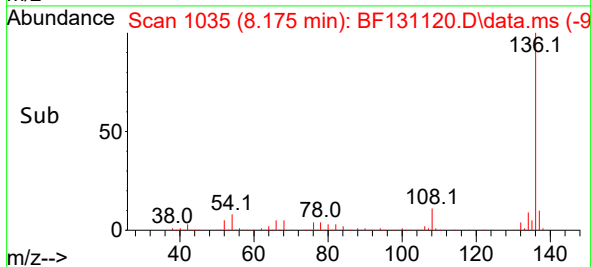
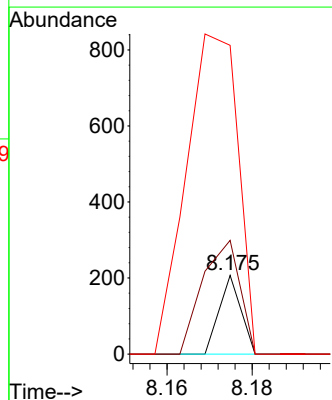
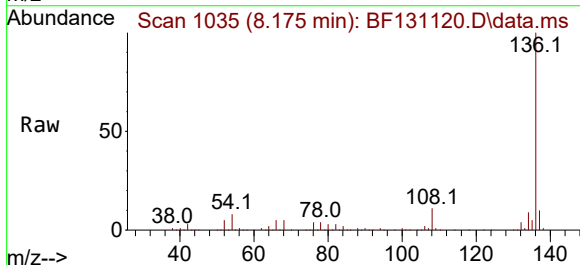
Instrument :
BNA_F
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SB-15-20221028-12.5-13.5

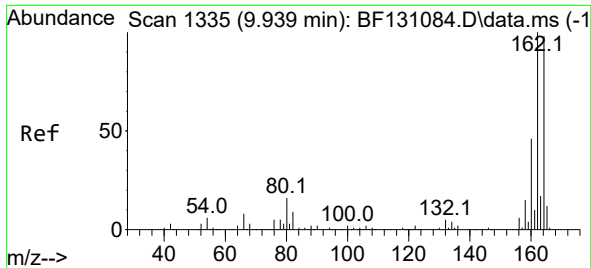
Tgt Ion: 82 Resp: 325172
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#32
Benzoic acid
Concen: 5.746 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.218 min
Lab File: BF131120.D
Acq: 10 Nov 2022 13:24

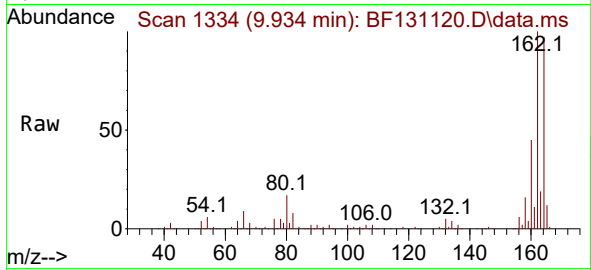
Tgt Ion: 122 Resp: 73
Ion Ratio Lower Upper
122 100
105 144.4 113.0 153.0
77 392.3 78.7 118.7#



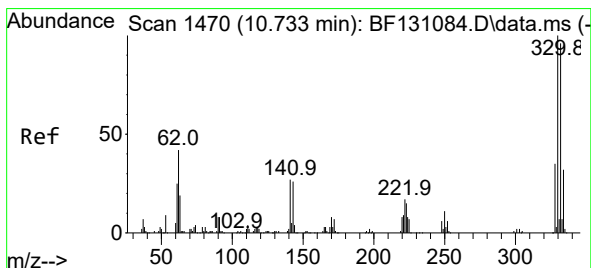
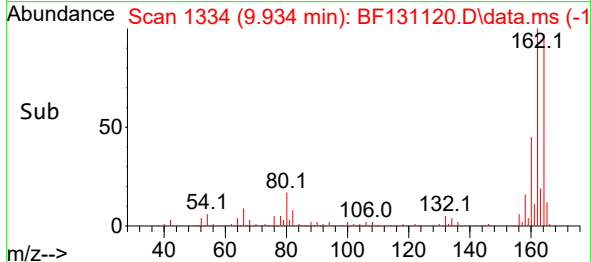
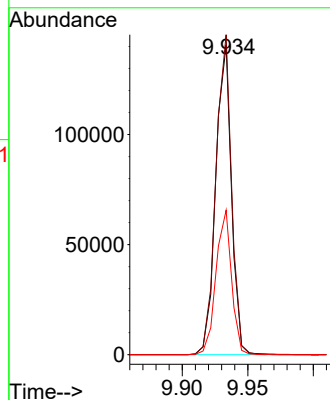


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF131120.D
Acq: 10 Nov 2022 13:24

Instrument :
BNA_F
ClientSampleId :
SB-15-20221028-12.5-13.5

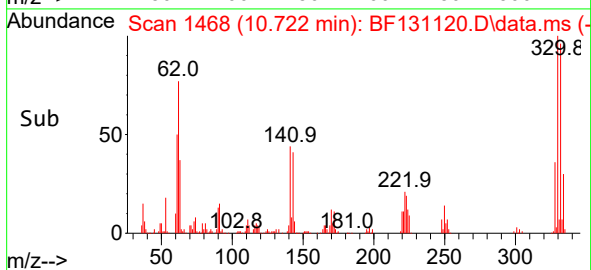
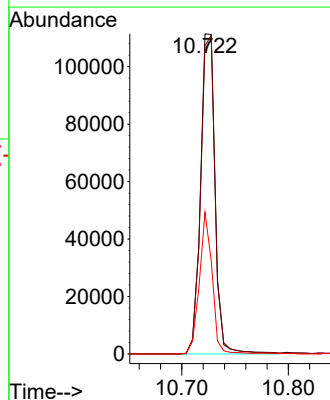
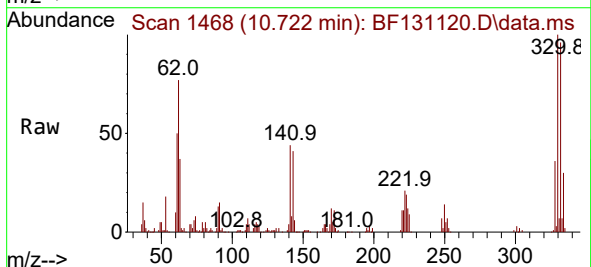


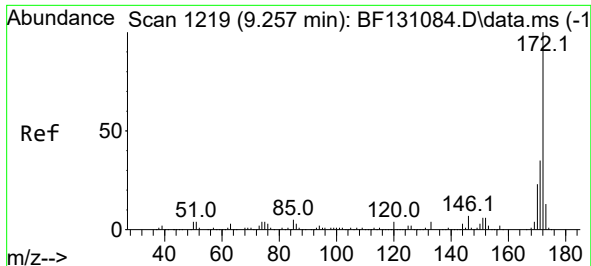
Tgt Ion:164 Resp: 116729
Ion Ratio Lower Upper
164 100
162 103.2 81.7 122.5
160 46.6 37.4 56.2



#42
2,4,6-Tribromophenol
Concen: 88.080 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.012 min
Lab File: BF131120.D
Acq: 10 Nov 2022 13:24

Tgt Ion:330 Resp: 106257
Ion Ratio Lower Upper
330 100
332 98.7 77.0 115.4
141 39.1 28.5 42.7





#45

2-Fluorobiphenyl

Concen: 57.259 ng

RT: 9.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131120.D

Acq: 10 Nov 2022 13:24

Instrument :

BNA_F

ClientSampleId :

SB-15-20221028-12.5-13.5

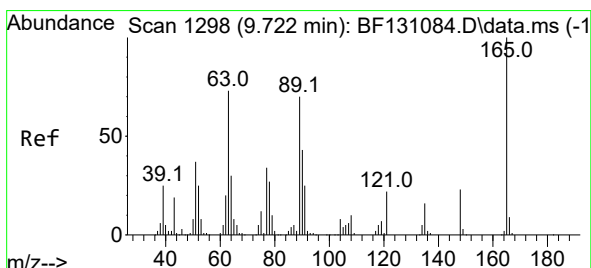
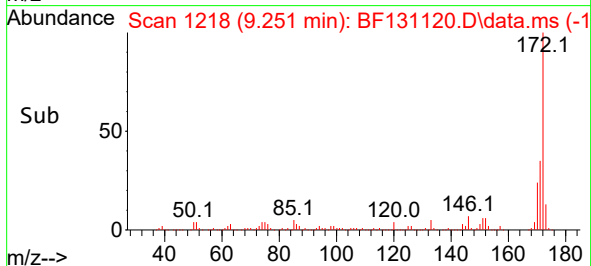
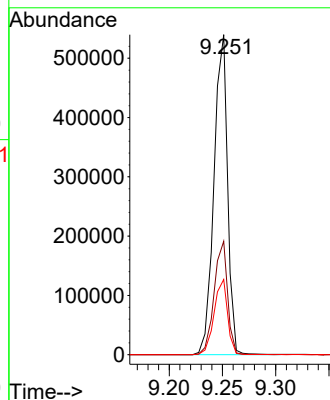
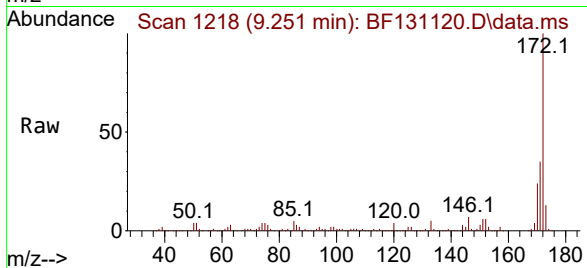
Tgt Ion:172 Resp: 478790

Ion Ratio Lower Upper

172 100

171 35.4 27.7 41.5

170 23.5 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 8.317 ng

RT: 9.934 min Scan# 1334

Delta R.T. 0.212 min

Lab File: BF131120.D

Acq: 10 Nov 2022 13:24

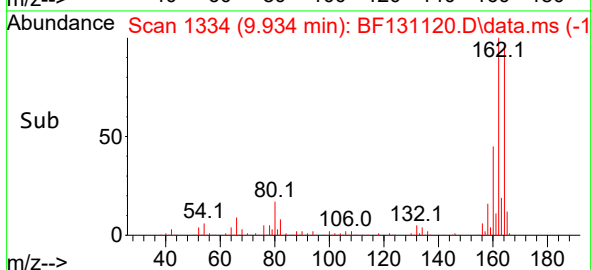
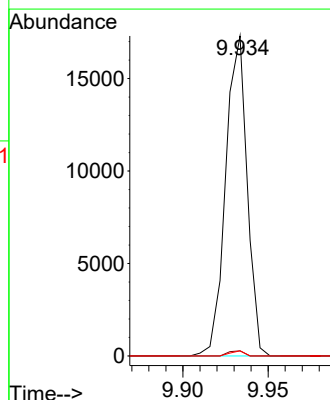
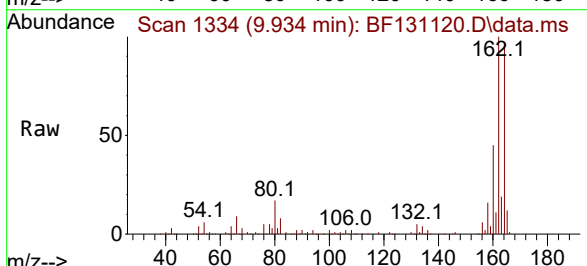
Tgt Ion:165 Resp: 15177

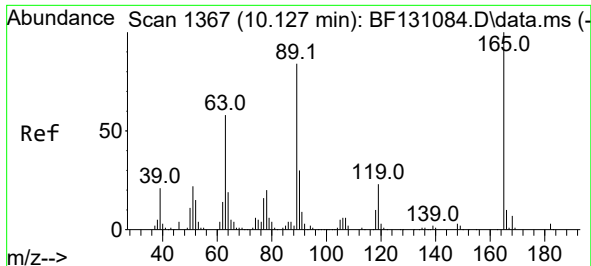
Ion Ratio Lower Upper

165 100

63 1.6 61.4 92.2#

89 1.6 56.0 84.0#

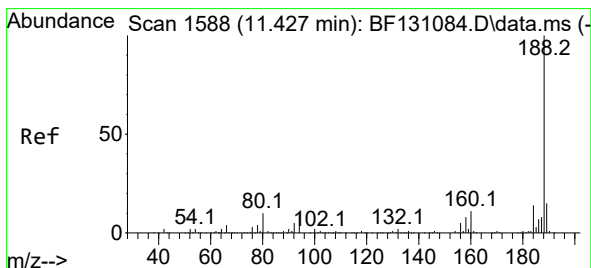
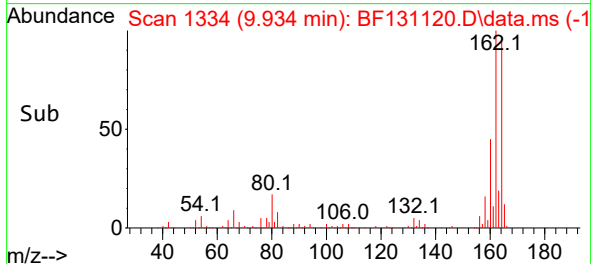
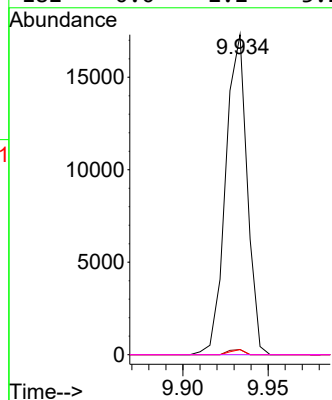
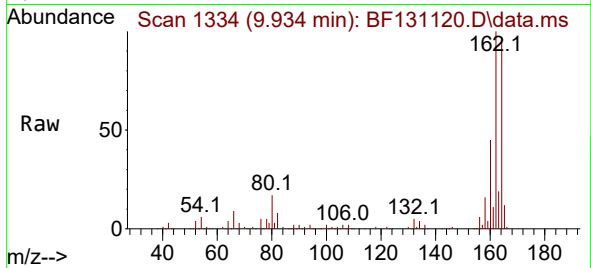




#57
2,4-Dinitrotoluene
Concen: 6.257 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131120.D
Acq: 10 Nov 2022 13:24

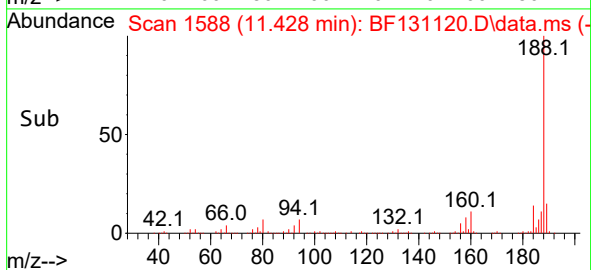
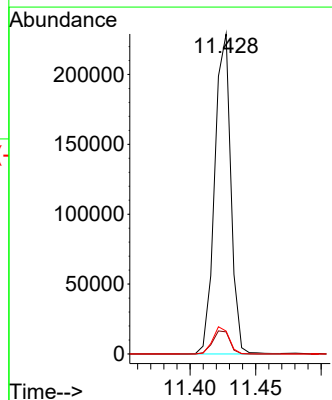
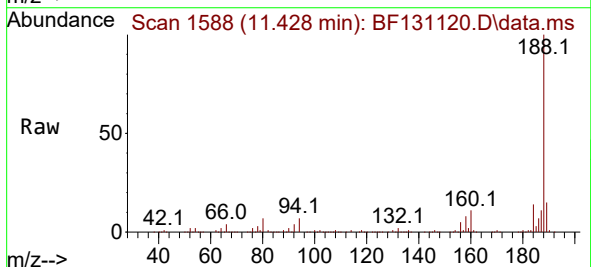
Instrument :
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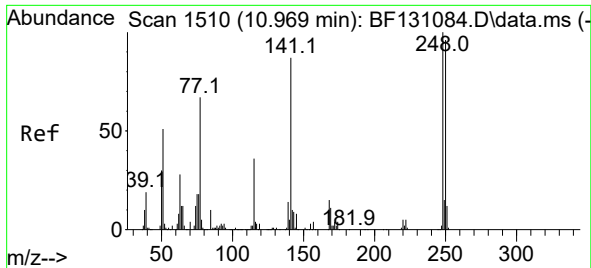
Tgt Ion:165 Resp: 15177
Ion Ratio Lower Upper
165 100
63 1.6 46.9 70.3#
89 1.6 66.9 100.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1588
Delta R.T. 0.001 min
Lab File: BF131120.D
Acq: 10 Nov 2022 13:24

Tgt Ion:188 Resp: 195531
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.6#
80 7.2 7.9 11.9#

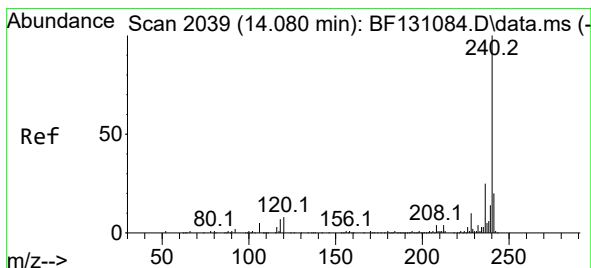
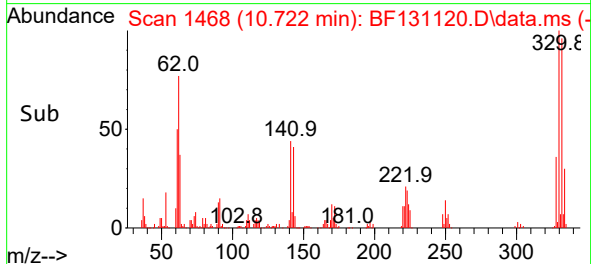
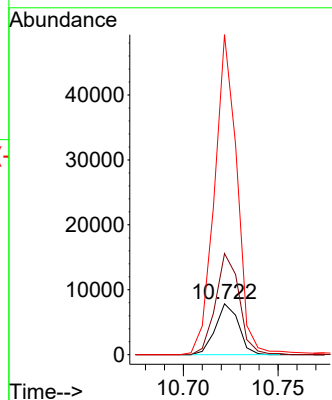
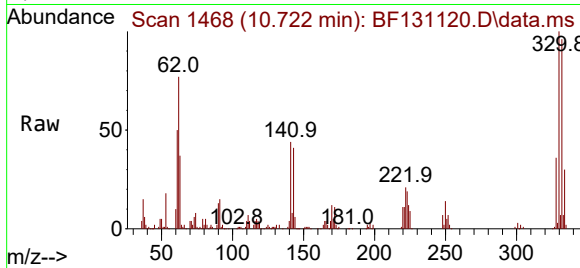




#67
4-Bromophenyl-phenylether
Concen: 3.031 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131120.D
Acq: 10 Nov 2022 13:24

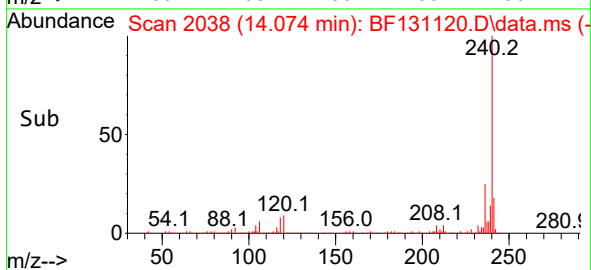
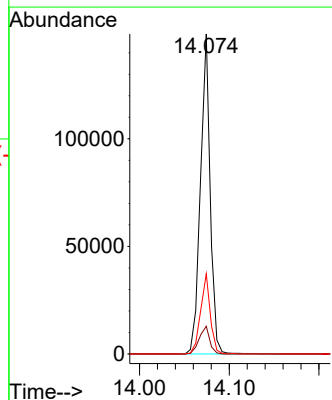
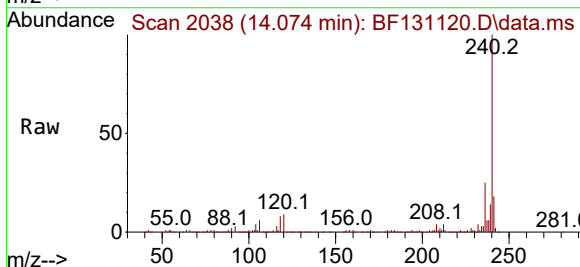
Instrument :
BNA_F
ClientSampleId :
SB-15-20221028-12.5-13.5

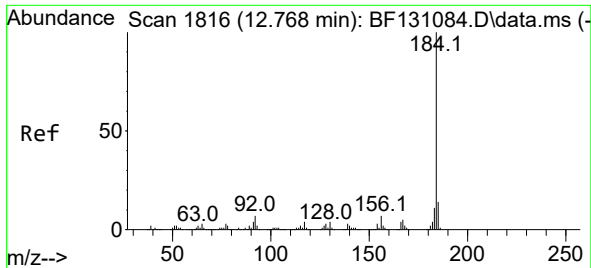
Tgt Ion:248 Resp: 6702
Ion Ratio Lower Upper
248 100
250 198.5 77.0 115.6#
141 628.4 69.7 104.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131120.D
Acq: 10 Nov 2022 13:24

Tgt Ion:240 Resp: 112085
Ion Ratio Lower Upper
240 100
120 8.7 6.5 9.7
236 25.0 19.7 29.5

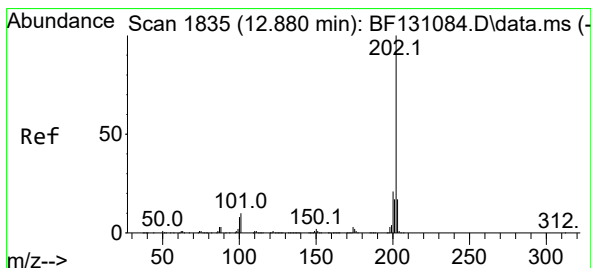
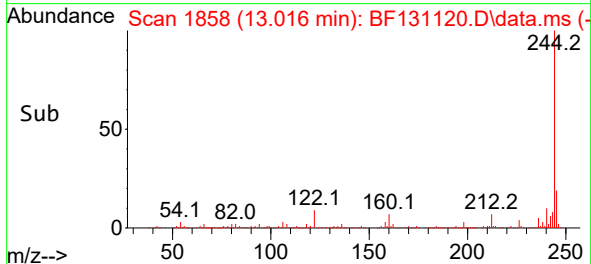
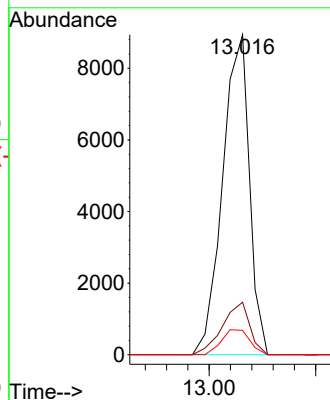
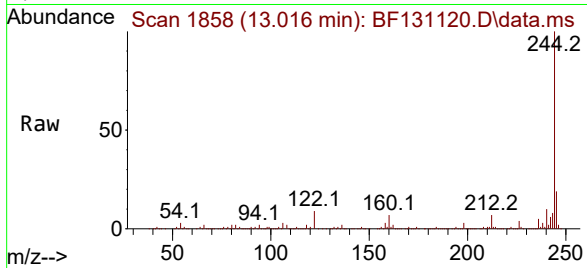




#77
Benzidine
Concen: 2.356 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.247 min
Lab File: BF131120.D
Acq: 10 Nov 2022 13:24

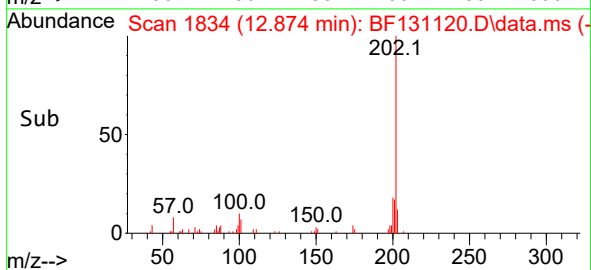
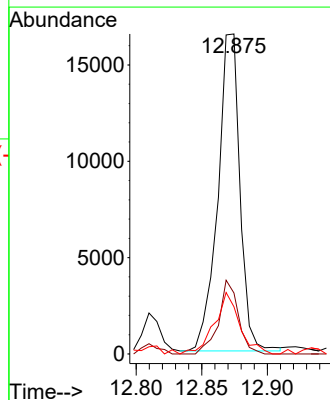
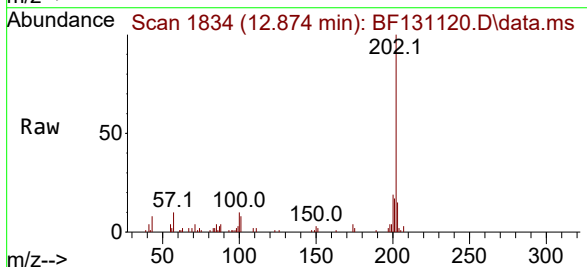
Instrument :
BNA_F
ClientSampleId :
SB-15-20221028-12.5-13.5

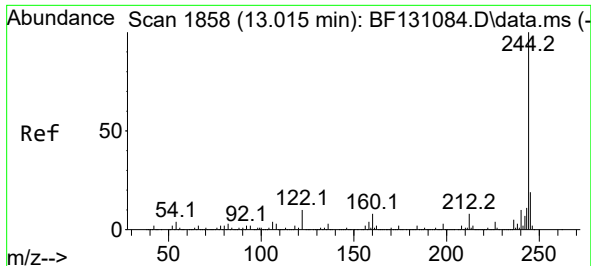
Tgt Ion:184 Resp: 7789
Ion Ratio Lower Upper
184 100
185 16.4 11.4 17.0
183 7.6 9.0 13.4#



#78
Pyrene
Concen: 2.014 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF131120.D
Acq: 10 Nov 2022 13:24

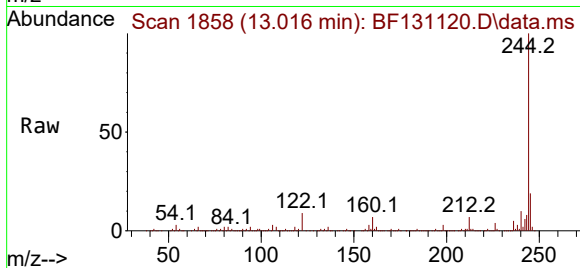
Tgt Ion:202 Resp: 19366
Ion Ratio Lower Upper
202 100
200 19.1 16.8 25.2
203 14.7 13.6 20.4



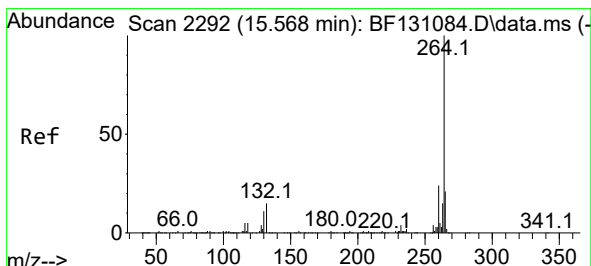
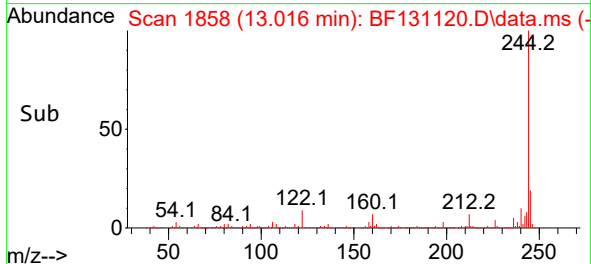
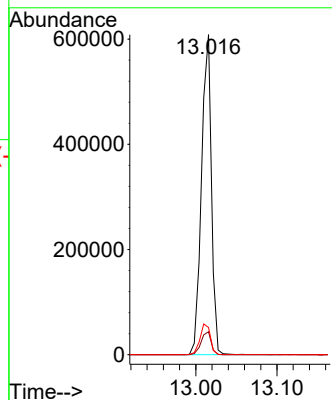


#79
 Terphenyl-d14
 Concen: 80.997 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. 0.001 min
 Lab File: BF131120.D
 Acq: 10 Nov 2022 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-20221028-12.5-13.5

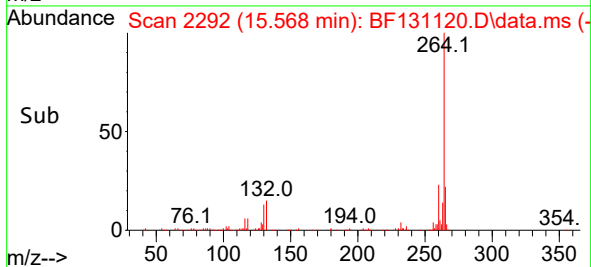
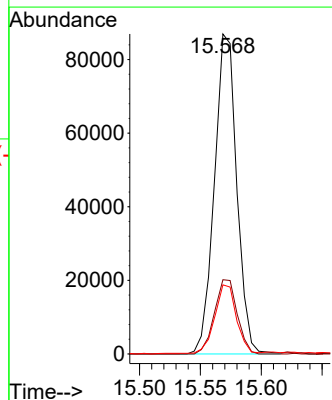
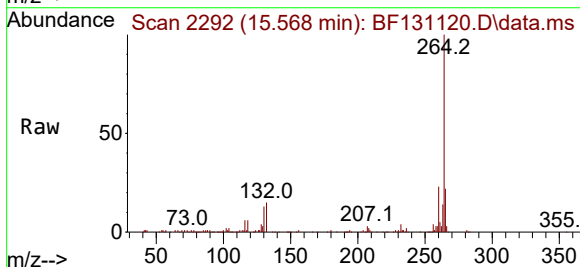


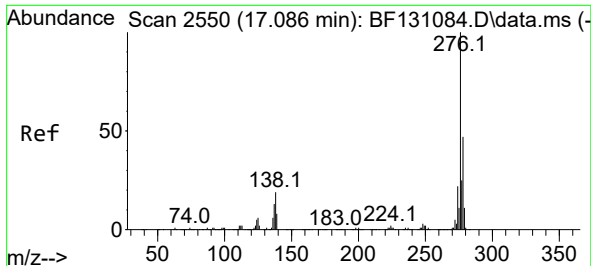
Tgt Ion:244 Resp: 517791
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 8.5 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.000 min
 Lab File: BF131120.D
 Acq: 10 Nov 2022 13:24

Tgt Ion:264 Resp: 111084
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.6 16.7 25.1

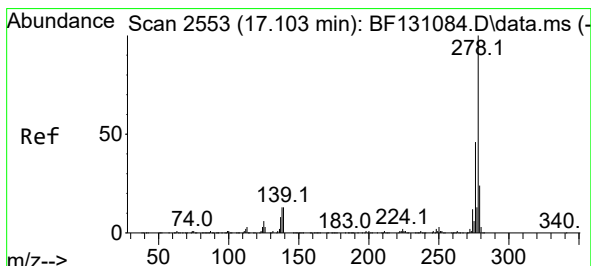
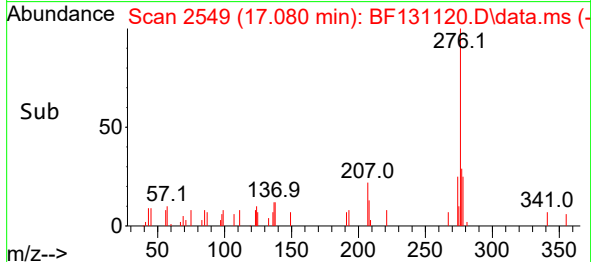
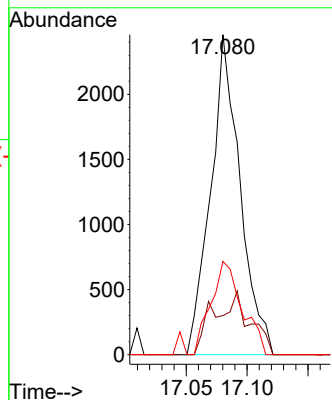
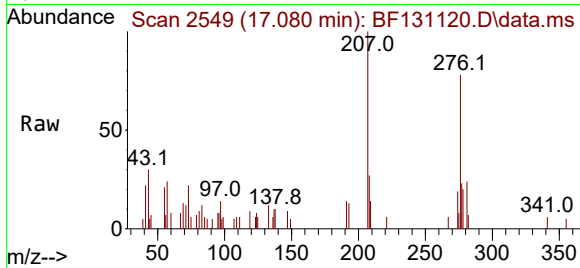




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.282 ng
 RT: 17.080 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131120.D
 Acq: 10 Nov 2022 13:24

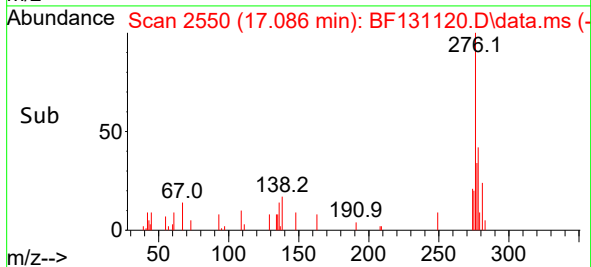
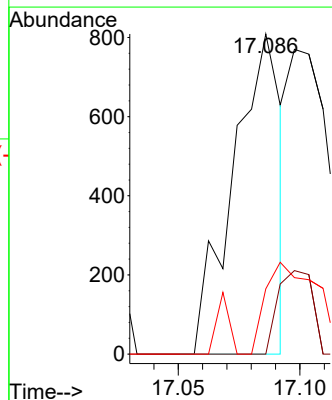
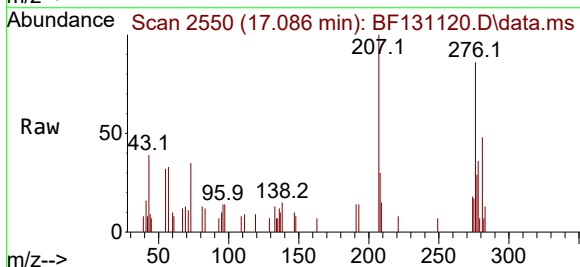
Instrument :
 BNA_F
 ClientSampleId :
 SB-15-20221028-12.5-13.5

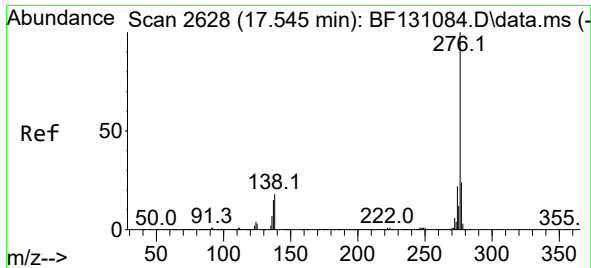
Tgt Ion:276 Resp: 4127
 Ion Ratio Lower Upper
 276 100
 138 24.1 16.9 25.3
 277 31.1 20.3 30.5#



#91
 Dibenzo(a,h)anthracene
 Concen: 3.977 ng
 RT: 17.086 min Scan# 2550
 Delta R.T. -0.017 min
 Lab File: BF131120.D
 Acq: 10 Nov 2022 13:24

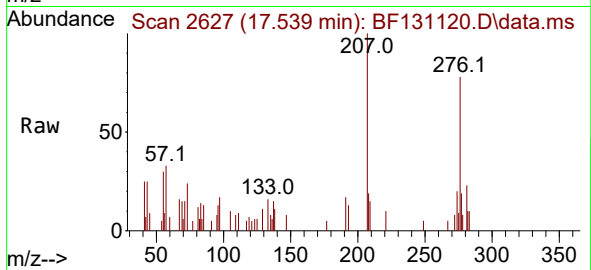
Tgt Ion:278 Resp: 1107
 Ion Ratio Lower Upper
 278 100
 139 0.0 10.8 16.2#
 279 20.4 19.2 28.8





#92
Benzo(g,h,i)perylene
Concen: 4.908 ng
RT: 17.539 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF131120.D
Acq: 10 Nov 2022 13:24

Instrument :
BNA_F
ClientSampleId :
SB-15-20221028-12.5-13.5



Tgt Ion:276 Resp: 4660
Ion Ratio Lower Upper
276 100
277 24.6 19.0 28.4
138 14.1 14.6 21.8#

