

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
 Data File : BF131032.D
 Acq On : 05 Nov 2022 22:05
 Operator : CG\JU
 Sample : N5340-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Nov 07 00:52:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:46:02 2022
 Response via : Initial Calibration

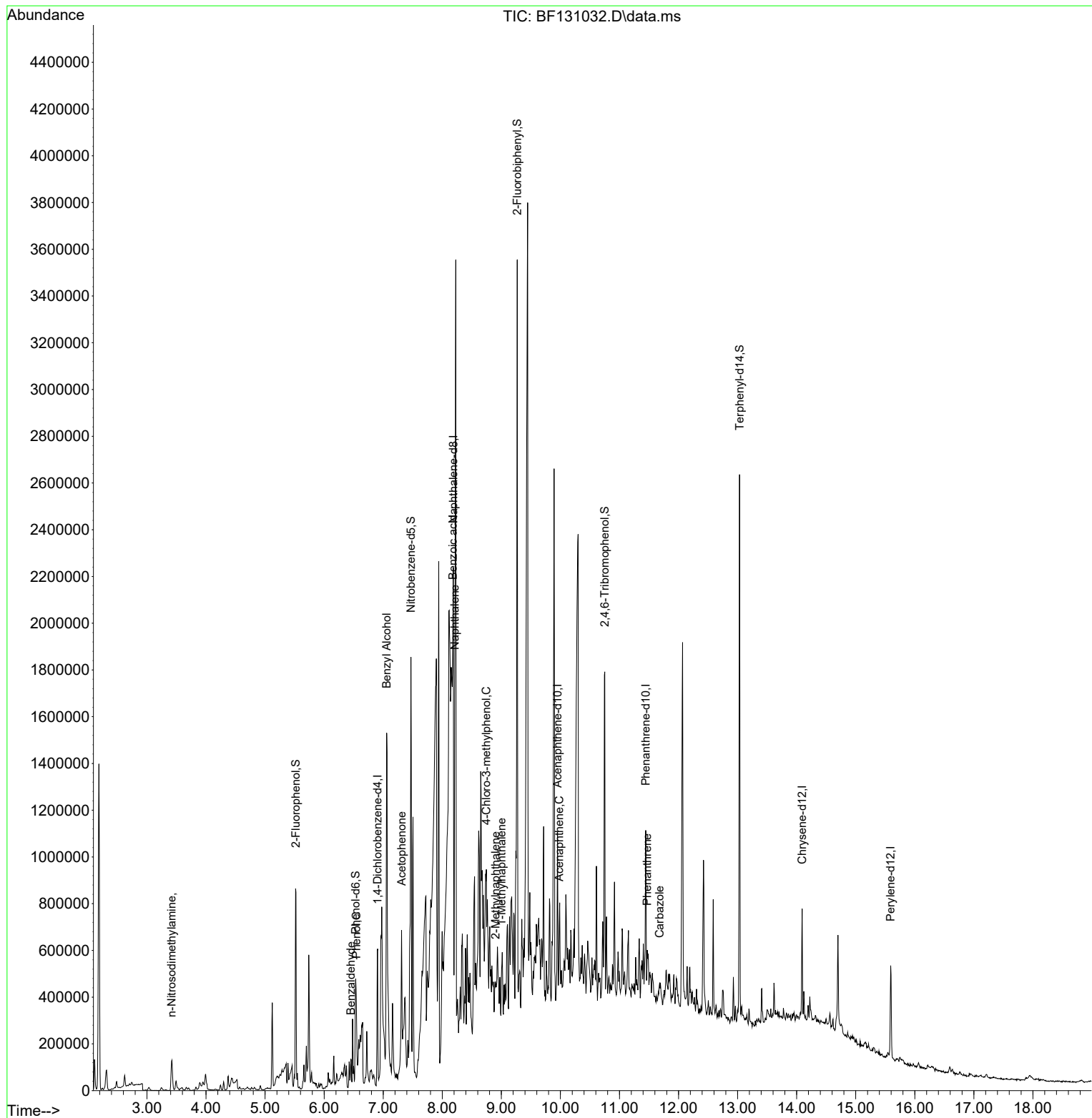
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	78712	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	298506	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	134799	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	214607	20.000	ng	0.00
76) Chrysene-d12	14.092	240	151849	20.000	ng	0.00
86) Perylene-d12	15.592	264	176846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	229465	50.539	ng	0.00
7) Phenol-d6	6.534	99	139581	23.657	ng	0.00
23) Nitrobenzene-d5	7.469	82	578156	116.789	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	178753	157.528	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	883716	99.116	ng	0.00
79) Terphenyl-d14	13.033	244	771509	93.103	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.416	42	41788	13.055	ng	# 94
9) Benzaldehyde	6.451	77	12665	3.354	ng	# 65
10) Phenol	6.546	94	91923	14.478	ng	97
15) Benzyl Alcohol	7.057	79	439369	87.576	ng	98
22) Acetophenone	7.310	105	120958	16.713	ng	# 93
31) Naphthalene	8.210	128	81365	5.224	ng	# 93
32) Benzoic acid	8.181	122	1668553	471.867	ng	97
36) 4-Chloro-3-methylphenol	8.745	107	80132	16.903	ng	# 85
37) 2-Methylnaphthalene	8.904	142	41360	4.222	ng	93
38) 1-Methylnaphthalene	9.004	142	36759	3.856	ng	95
52) Acenaphthene	9.981	154	19120	2.541	ng	92
71) Phenanthrene	11.469	178	31116	2.809	ng	95
73) Carbazole	11.680	167	21631	2.211	ng	# 85

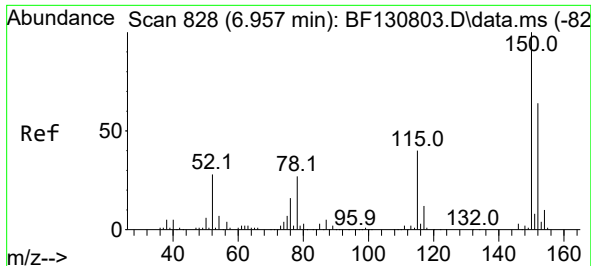
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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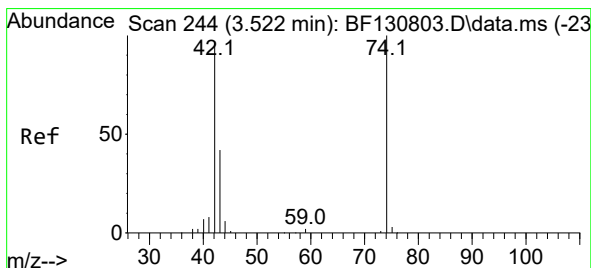
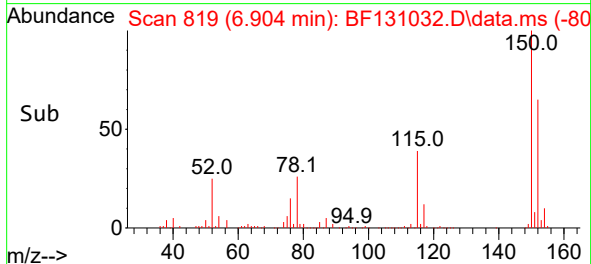
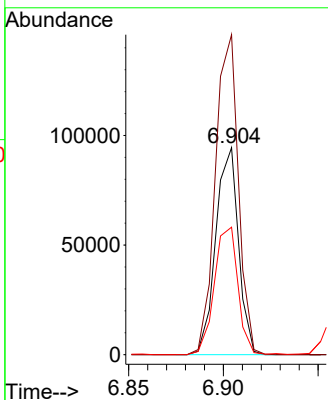
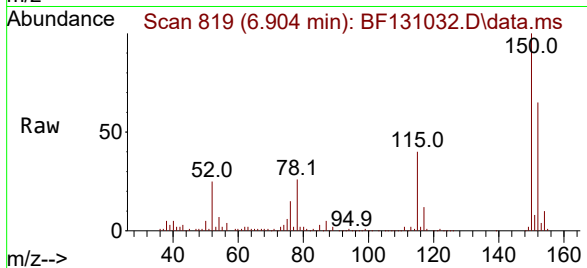




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131032.D
Acq: 05 Nov 2022 22:05

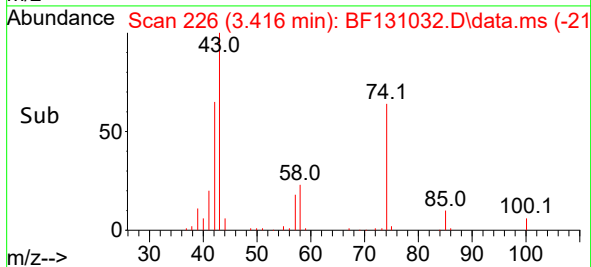
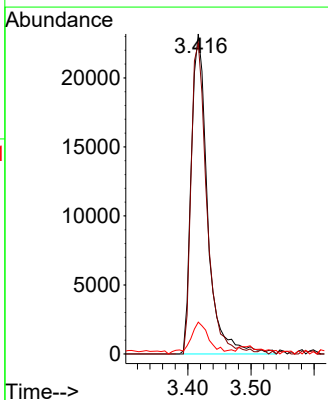
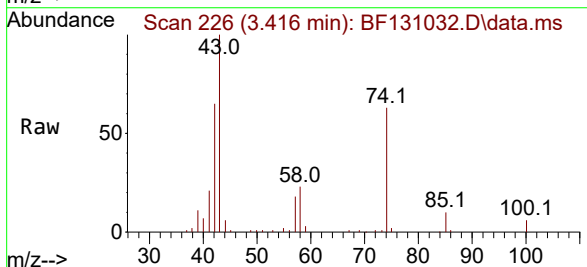
Instrument :
BNA_F
ClientSampleId :
TP-2

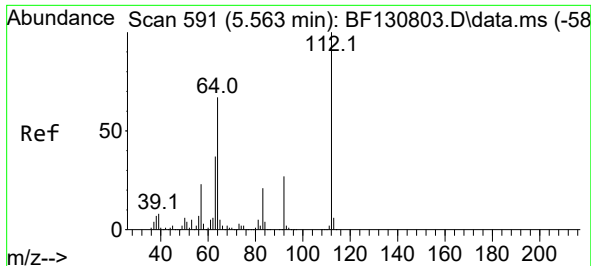
Tgt Ion:152 Resp: 78712
Ion Ratio Lower Upper
152 100
150 154.6 124.1 186.1
115 61.6 50.1 75.1



#4
n-Nitrosodimethylamine
Concen: 13.055 ng
RT: 3.416 min Scan# 226
Delta R.T. -0.006 min
Lab File: BF131032.D
Acq: 05 Nov 2022 22:05

Tgt Ion: 42 Resp: 41788
Ion Ratio Lower Upper
42 100
74 97.2 82.8 124.2
44 9.9 6.0 9.0#

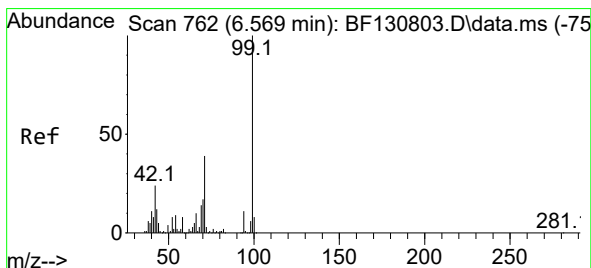
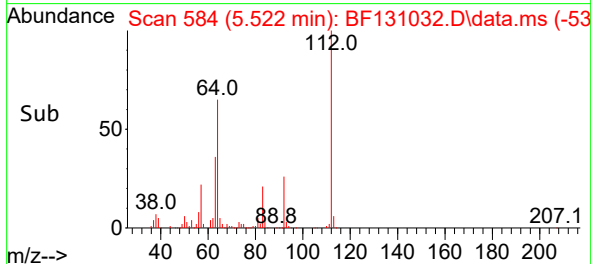
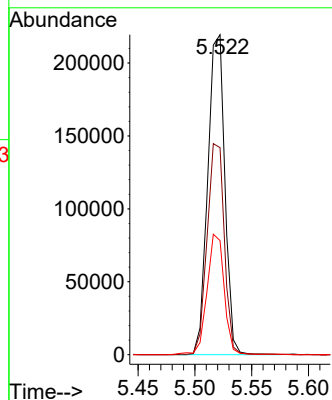
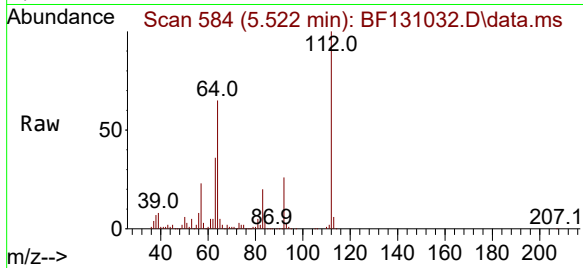




#5
2-Fluorophenol
Concen: 50.539 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF131032.D
Acq: 05 Nov 2022 22:05

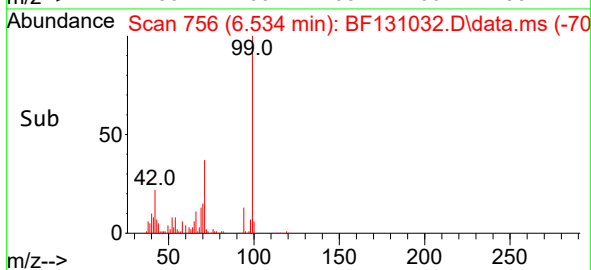
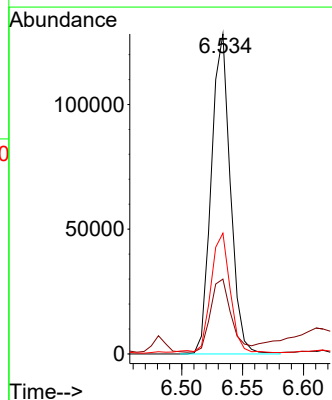
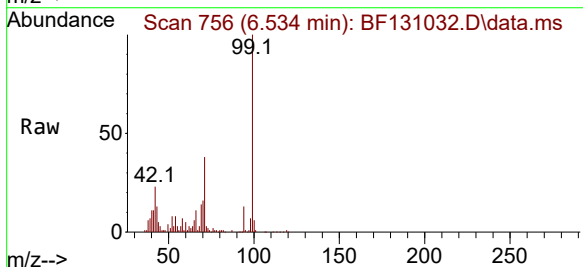
Instrument :
BNA_F
ClientSampleId :
TP-2

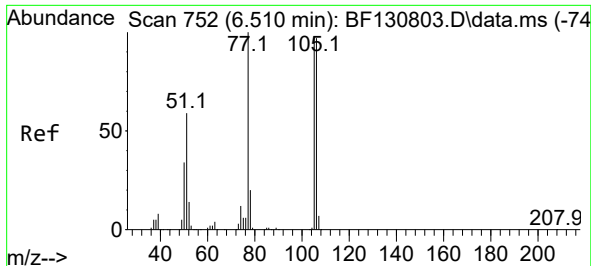
Tgt Ion:112 Resp: 229465
Ion Ratio Lower Upper
112 100
64 64.7 53.9 80.9
63 35.7 29.4 44.2



#7
Phenol-d6
Concen: 23.657 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF131032.D
Acq: 05 Nov 2022 22:05

Tgt Ion: 99 Resp: 139581
Ion Ratio Lower Upper
99 100
42 23.4 18.8 28.2
71 37.7 31.4 47.0





#9

Benzaldehyde

Concen: 3.354 ng

RT: 6.451 min Scan# 742

Delta R.T. -0.006 min

Lab File: BF131032.D

Acq: 05 Nov 2022 22:05

Instrument :

BNA_F

ClientSampleId :

TP-2

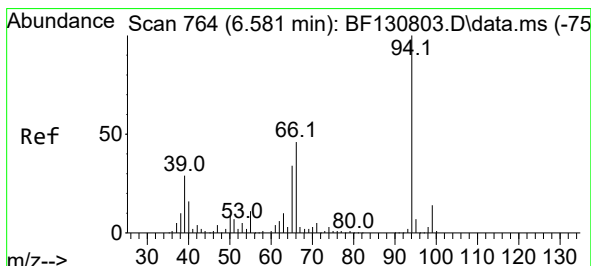
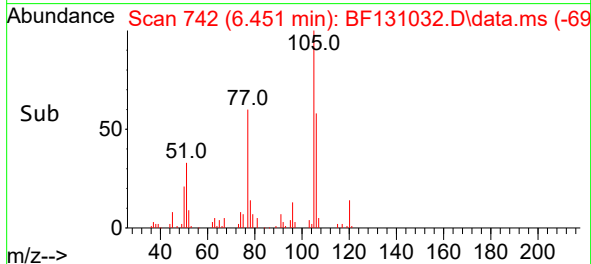
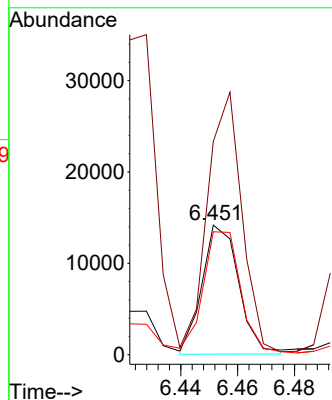
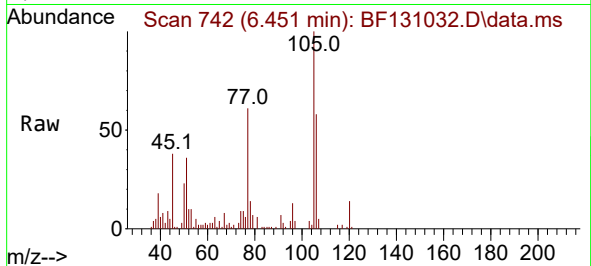
Tgt Ion: 77 Resp: 12665

Ion Ratio Lower Upper

77 100

105 164.6 78.2 118.2#

106 94.8 76.6 116.6



#10

Phenol

Concen: 14.478 ng

RT: 6.546 min Scan# 758

Delta R.T. 0.000 min

Lab File: BF131032.D

Acq: 05 Nov 2022 22:05

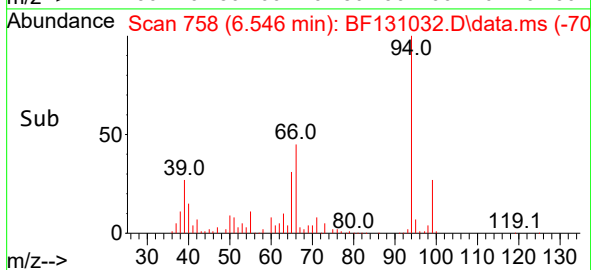
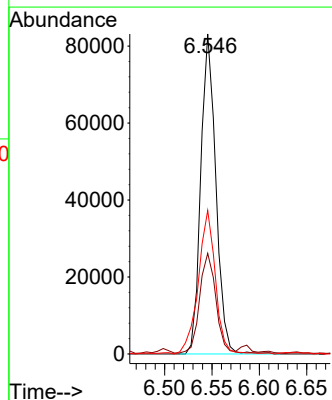
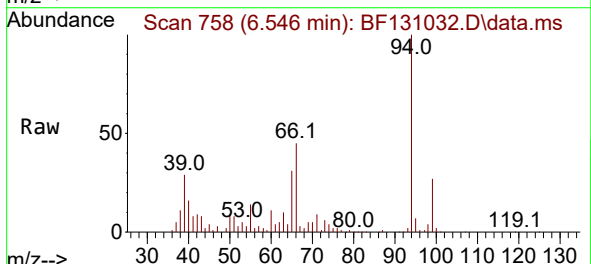
Tgt Ion: 94 Resp: 91923

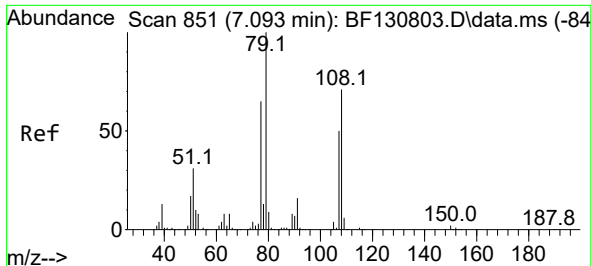
Ion Ratio Lower Upper

94 100

65 31.5 13.7 53.7

66 44.9 26.5 66.5

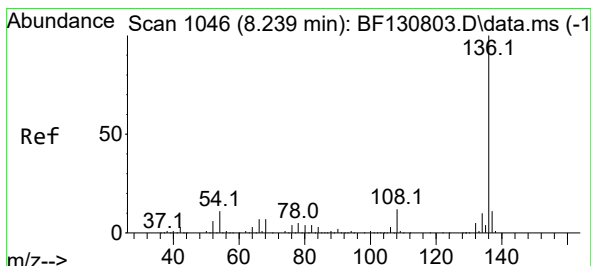
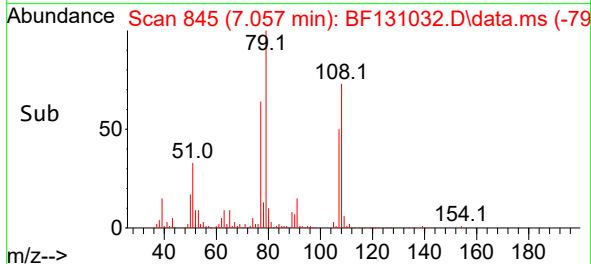
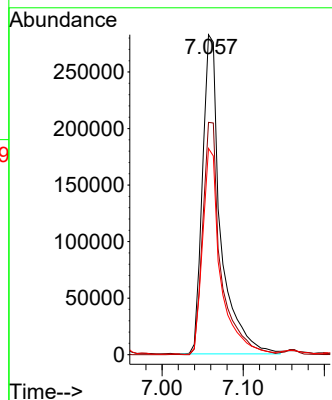
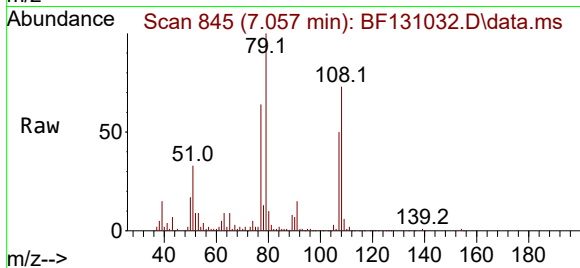




#15
Benzyl Alcohol
Concen: 87.576 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.012 min
Lab File: BF131032.D
Acq: 05 Nov 2022 22:05

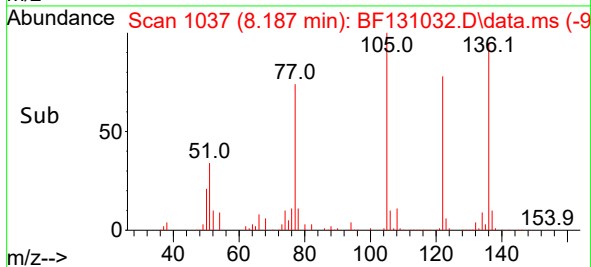
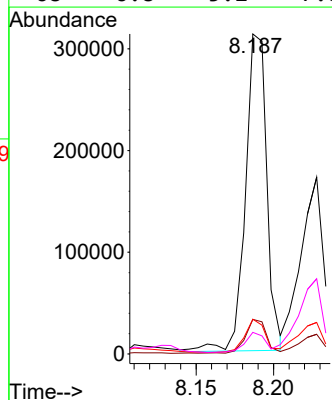
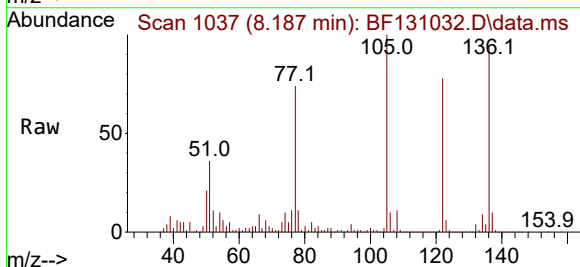
Instrument :
BNA_F
ClientSampleId :
TP-2

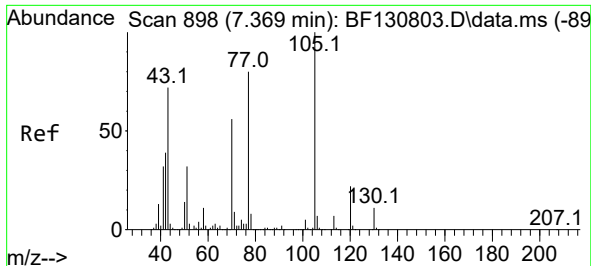
Tgt Ion: 79 Resp: 439369
Ion Ratio Lower Upper
79 100
108 72.6 56.4 84.6
77 64.5 51.8 77.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF131032.D
Acq: 05 Nov 2022 22:05

Tgt Ion: 136 Resp: 298506
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 10.9 8.8 13.2
68 6.8 5.2 7.8

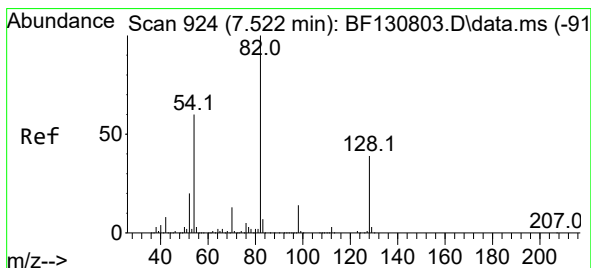
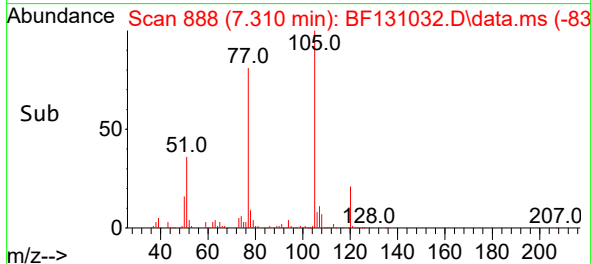
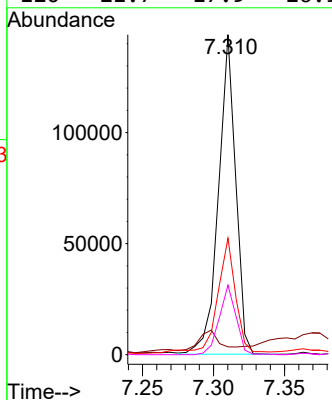
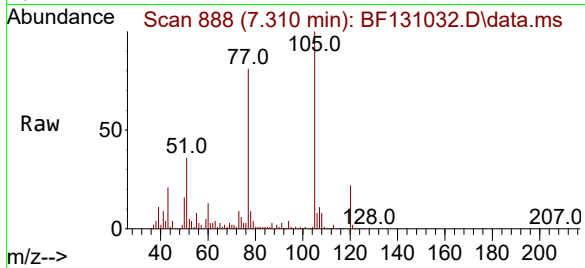




#22
Acetophenone
Concen: 16.713 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131032.D
Acq: 05 Nov 2022 22:05

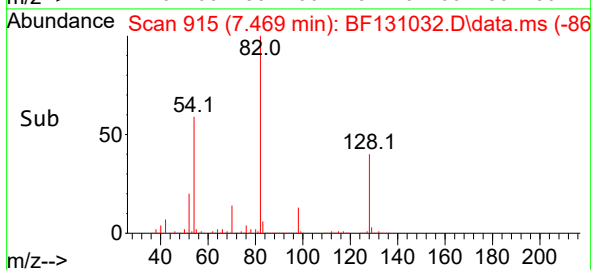
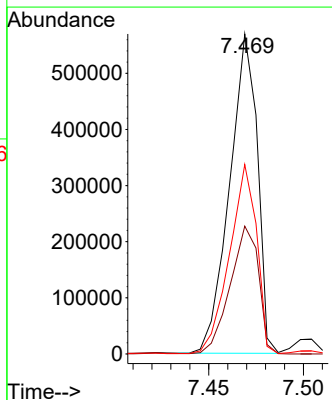
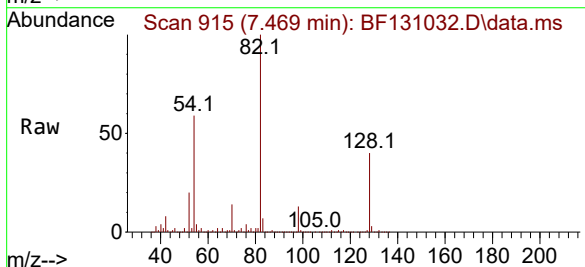
Instrument :
BNA_F
ClientSampleId :
TP-2

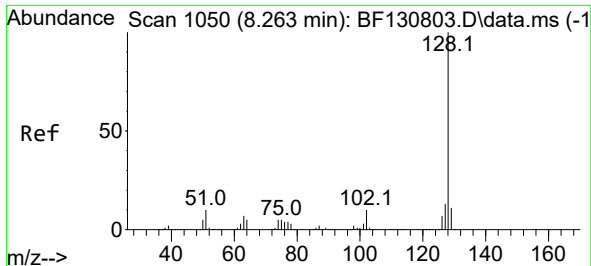
Tgt Ion:105 Resp: 120958
Ion Ratio Lower Upper
105 100
71 2.4 7.2 10.8#
51 36.4 25.9 38.9
120 21.7 17.9 26.9



#23
Nitrobenzene-d5
Concen: 116.789 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF131032.D
Acq: 05 Nov 2022 22:05

Tgt Ion: 82 Resp: 578156
Ion Ratio Lower Upper
82 100
128 40.0 31.2 46.8
54 59.2 48.0 72.0

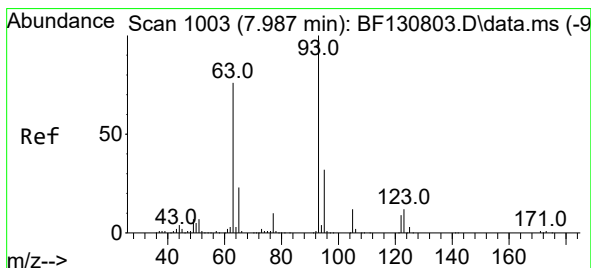
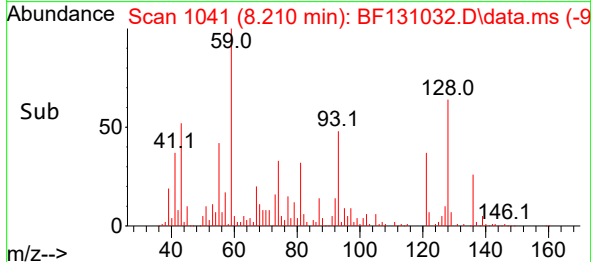
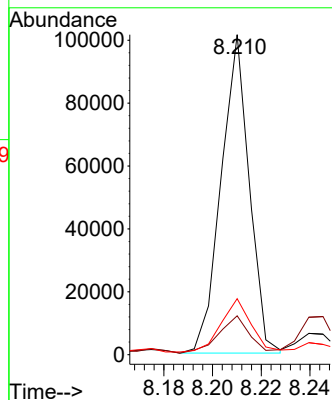
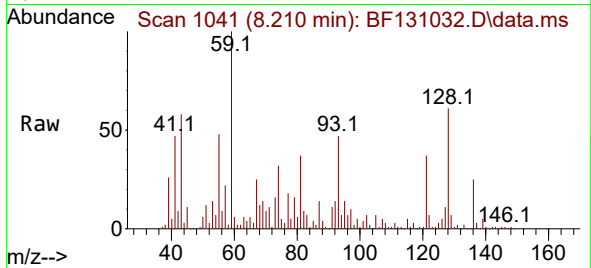




#31
Naphthalene
Concen: 5.224 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131032.D
Acq: 05 Nov 2022 22:05

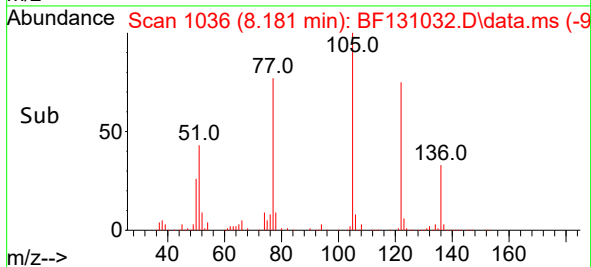
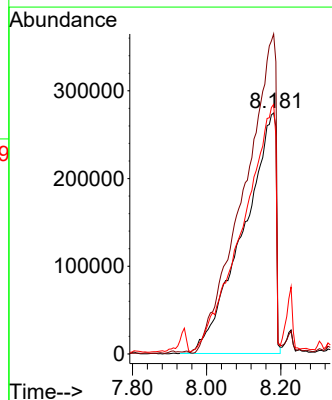
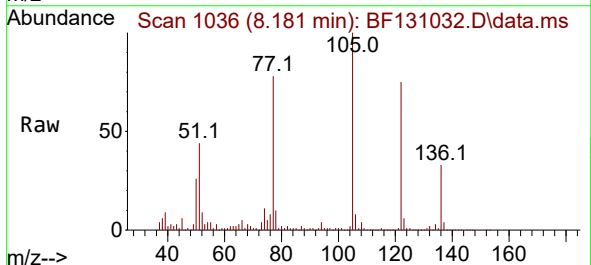
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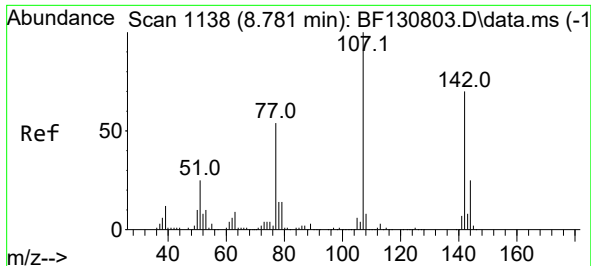
Tgt Ion:128 Resp: 81365
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.6
127 17.5 10.6 16.0#



#32
Benzoic acid
Concen: 471.867 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.224 min
Lab File: BF131032.D
Acq: 05 Nov 2022 22:05

Tgt Ion:122 Resp: 1668553
Ion Ratio Lower Upper
122 100
105 132.8 114.5 154.5
77 103.6 89.8 129.8





#36

4-Chloro-3-methylphenol

Concen: 16.903 ng

RT: 8.745 min Scan# 1132

Delta R.T. 0.006 min

Lab File: BF131032.D

Acq: 05 Nov 2022 22:05

Instrument :

BNA_F

ClientSampleId :

TP-2

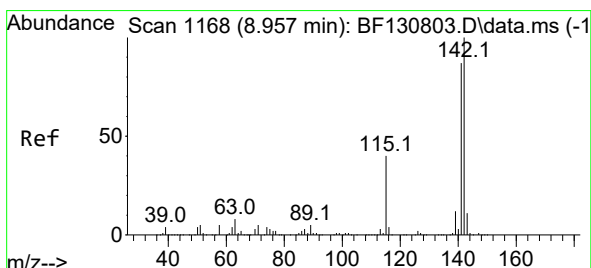
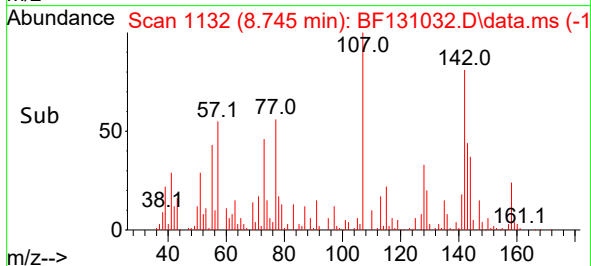
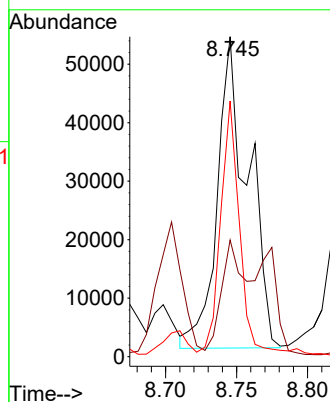
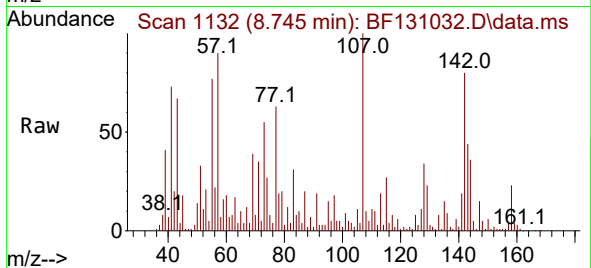
Tgt Ion:107 Resp: 80132

Ion Ratio Lower Upper

107 100

144 36.4 19.8 29.8#

142 79.9 56.0 84.0



#37

2-Methylnaphthalene

Concen: 4.222 ng

RT: 8.904 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BF131032.D

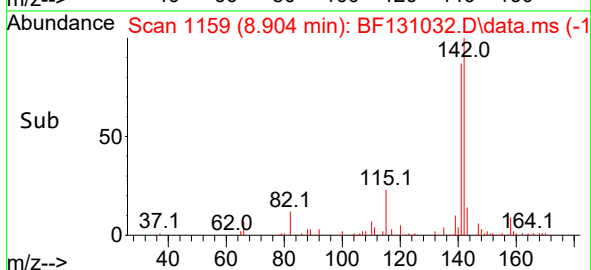
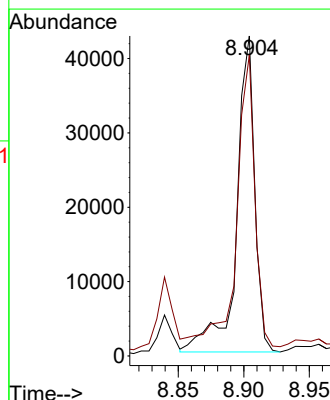
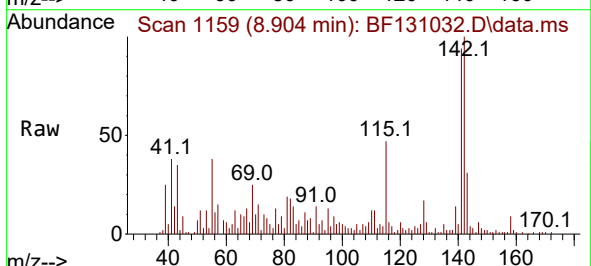
Acq: 05 Nov 2022 22:05

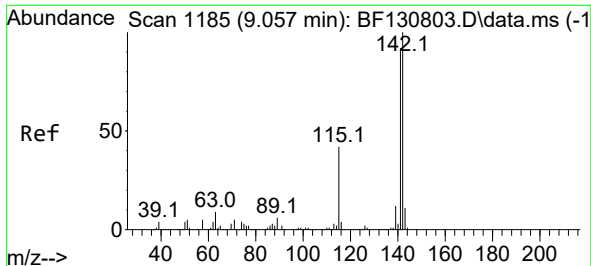
Tgt Ion:142 Resp: 41360

Ion Ratio Lower Upper

142 100

141 94.1 69.9 104.9





#38

1-Methylnaphthalene

Concen: 3.856 ng

RT: 9.004 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF131032.D

Acq: 05 Nov 2022 22:05

Instrument :

BNA_F

ClientSampleId :

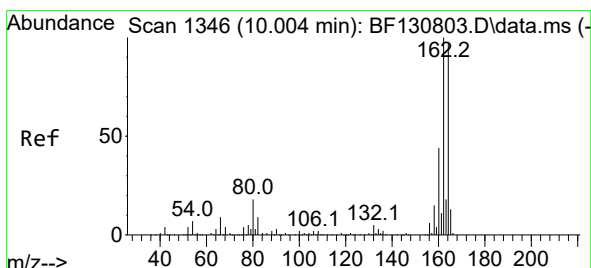
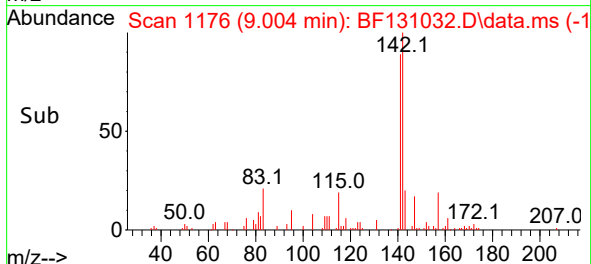
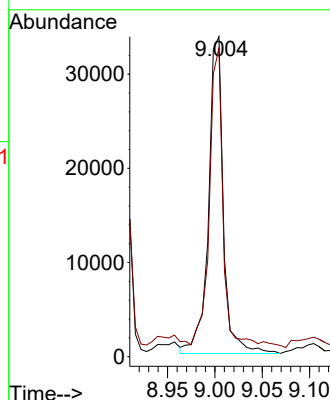
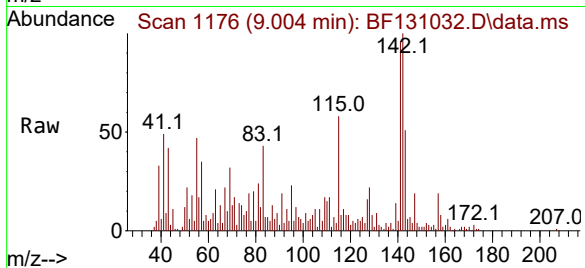
TP-2

Tgt Ion:142 Resp: 36759

Ion Ratio Lower Upper

142 100

141 96.4 73.5 110.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 1337

Delta R.T. 0.000 min

Lab File: BF131032.D

Acq: 05 Nov 2022 22:05

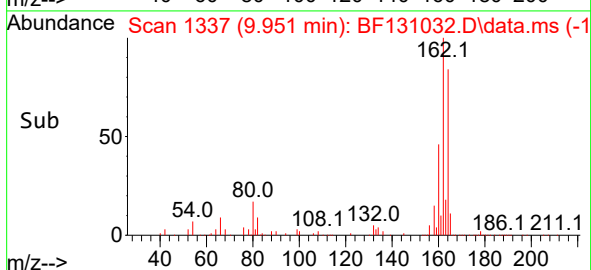
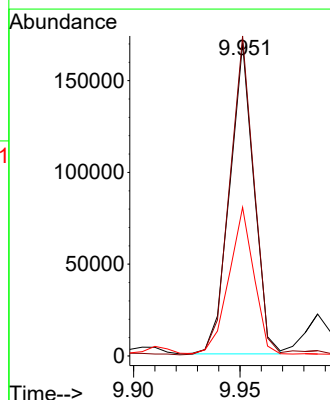
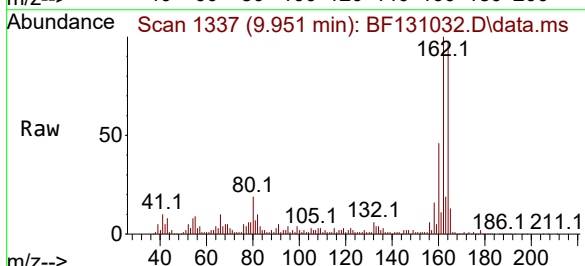
Tgt Ion:164 Resp: 134799

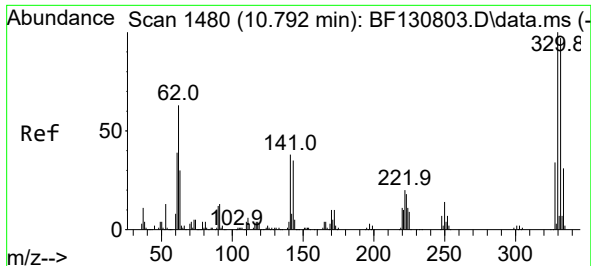
Ion Ratio Lower Upper

164 100

162 102.2 82.2 123.2

160 47.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 157.528 ng

RT: 10.751 min Scan# 1480

Delta R.T. 0.006 min

Lab File: BF131032.D

Acq: 05 Nov 2022 22:05

Instrument :

BNA_F

ClientSampleId :

TP-2

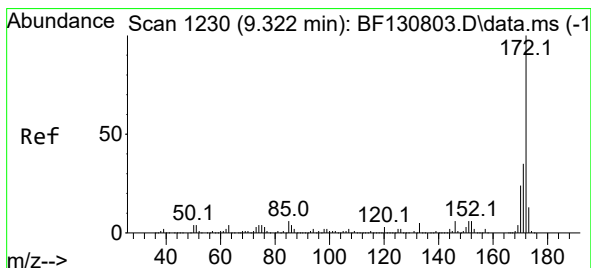
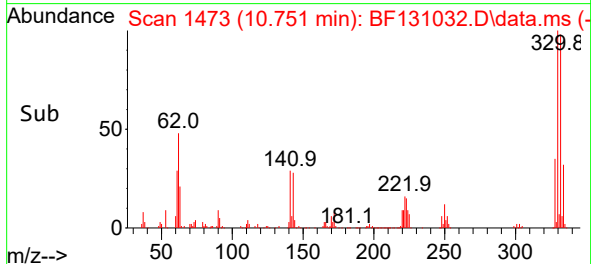
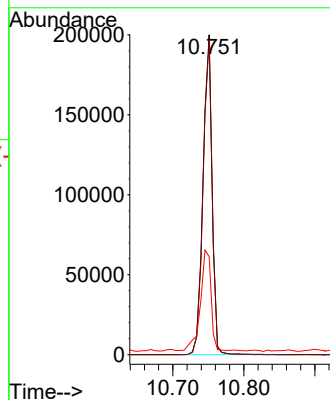
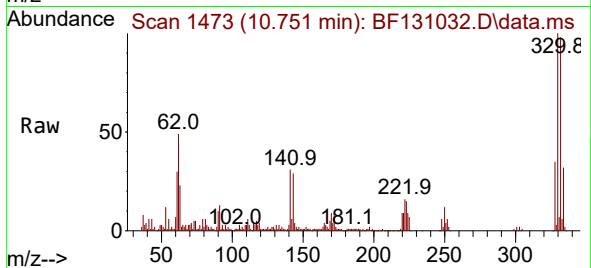
Tgt Ion:330 Resp: 178753

Ion Ratio Lower Upper

330 100

332 97.6 76.2 114.4

141 36.2 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 99.116 ng

RT: 9.269 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF131032.D

Acq: 05 Nov 2022 22:05

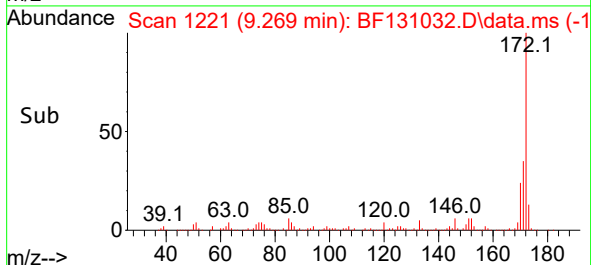
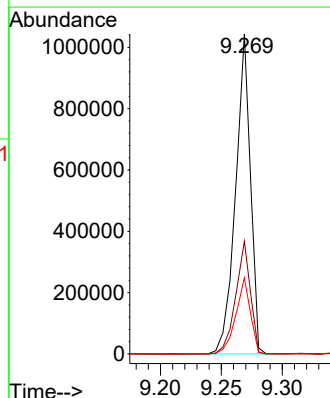
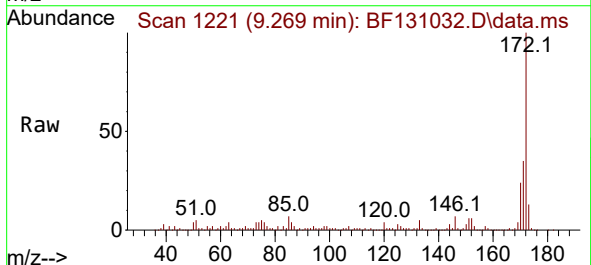
Tgt Ion:172 Resp: 883716

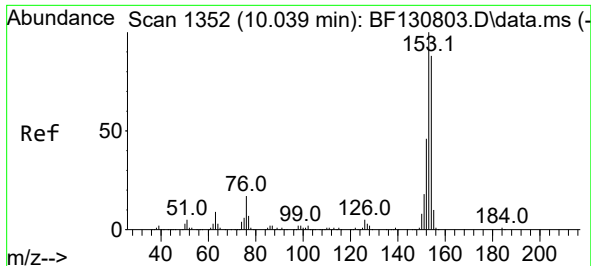
Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.8 19.0 28.4

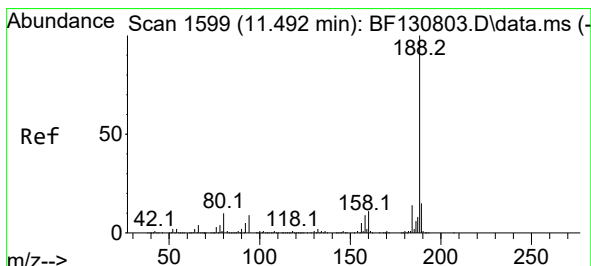
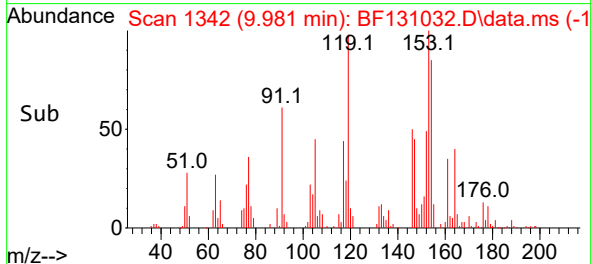
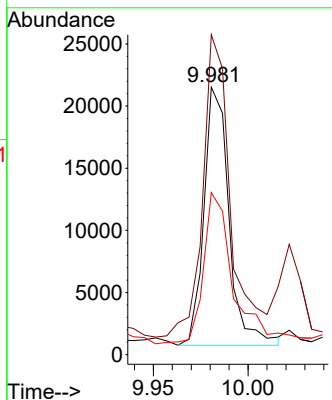
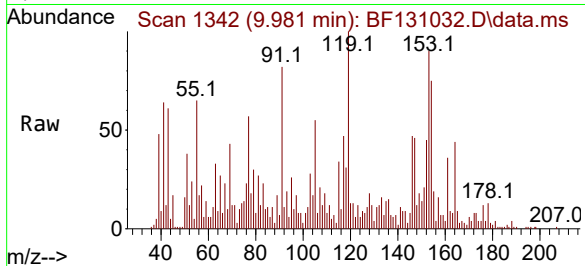




#52
Acenaphthene
Concen: 2.541 ng
RT: 9.981 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131032.D
Acq: 05 Nov 2022 22:05

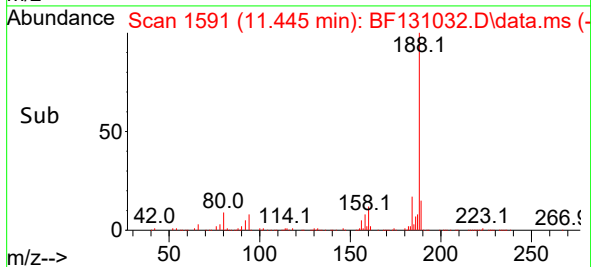
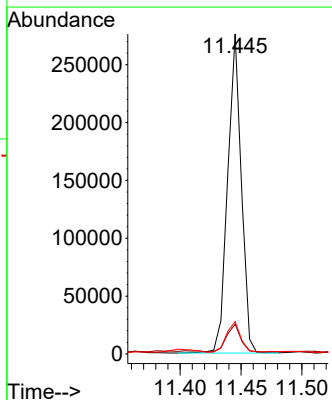
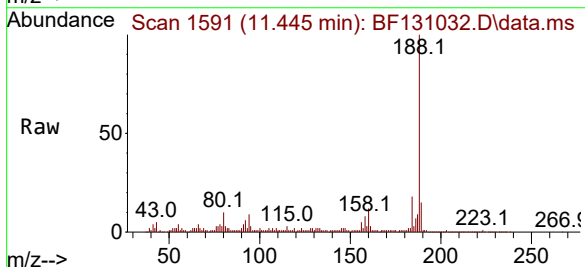
Instrument :
BNA_F
ClientSampleId :
TP-2

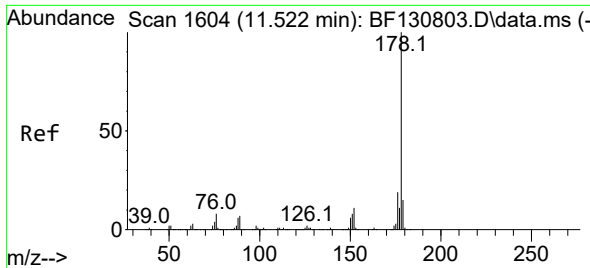
Tgt Ion:154 Resp: 19120
Ion Ratio Lower Upper
154 100
153 119.6 90.5 135.7
152 60.6 42.0 63.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF131032.D
Acq: 05 Nov 2022 22:05

Tgt Ion:188 Resp: 214607
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.1 8.0 12.0

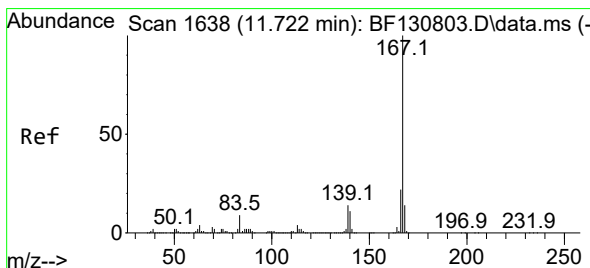
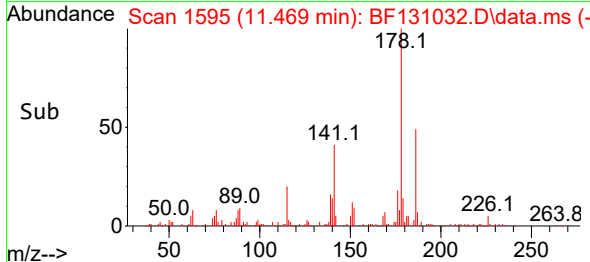
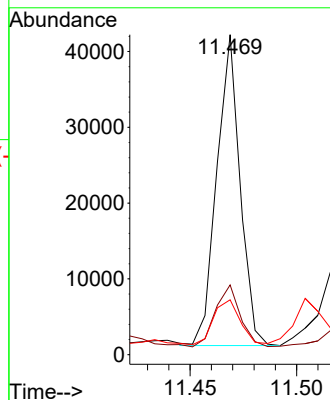
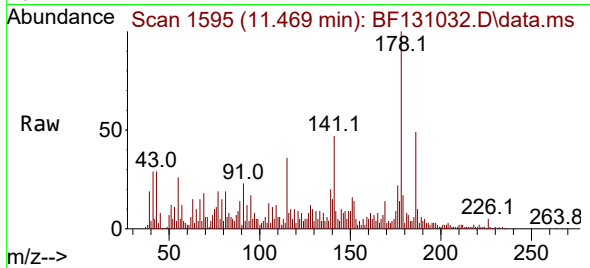




#71
Phenanthrene
Concen: 2.809 ng
RT: 11.469 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131032.D
Acq: 05 Nov 2022 22:05

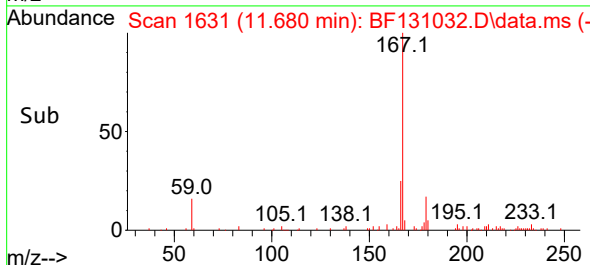
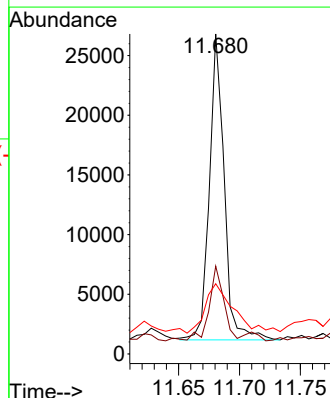
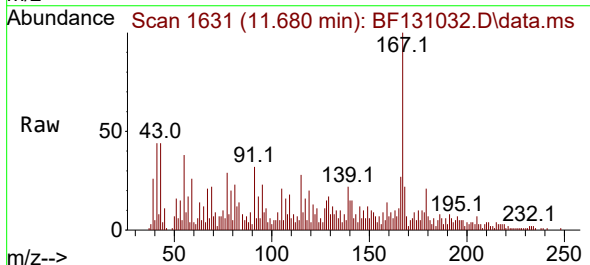
Instrument :
BNA_F
ClientSampleId :
TP-2

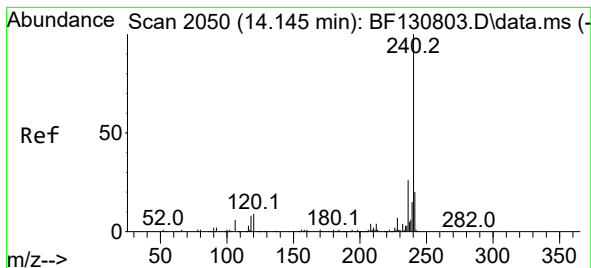
Tgt Ion:178 Resp: 31116
Ion Ratio Lower Upper
178 100
176 21.8 15.5 23.3
179 17.2 12.2 18.2



#73
Carbazole
Concen: 2.211 ng
RT: 11.680 min Scan# 1631
Delta R.T. 0.006 min
Lab File: BF131032.D
Acq: 05 Nov 2022 22:05

Tgt Ion:167 Resp: 21631
Ion Ratio Lower Upper
167 100
166 27.4 17.4 26.0#
139 22.0 11.3 16.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2050

Delta R.T. 0.000 min

Lab File: BF131032.D

Acq: 05 Nov 2022 22:05

Instrument :

BNA_F

ClientSampleId :

TP-2

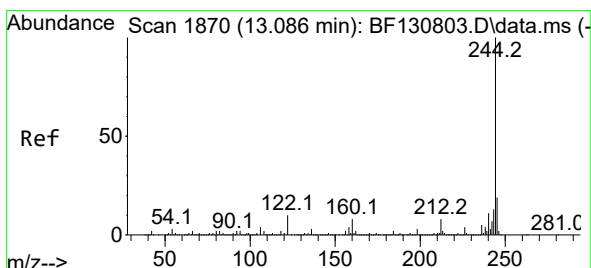
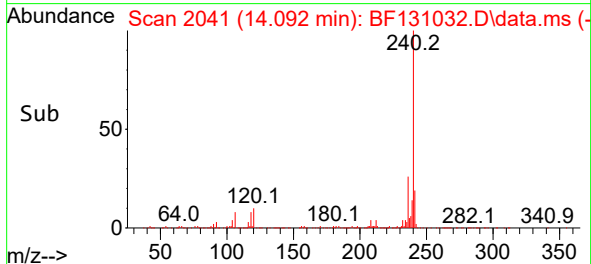
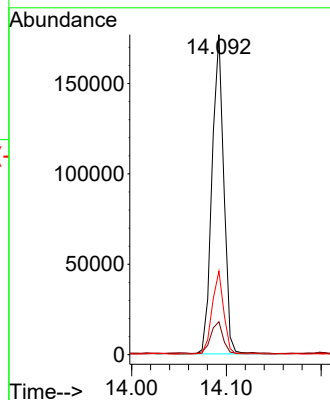
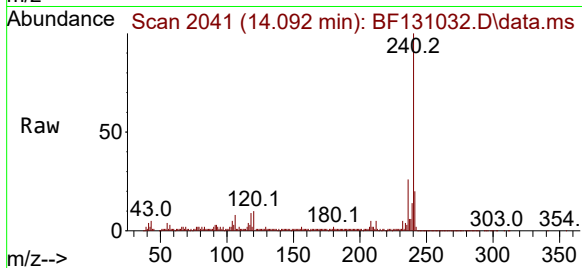
Tgt Ion:240 Resp: 151849

Ion Ratio Lower Upper

240 100

120 10.3 7.0 10.4

236 26.1 20.5 30.7



#79

Terphenyl-d14

Concen: 93.103 ng

RT: 13.033 min Scan# 1861

Delta R.T. 0.000 min

Lab File: BF131032.D

Acq: 05 Nov 2022 22:05

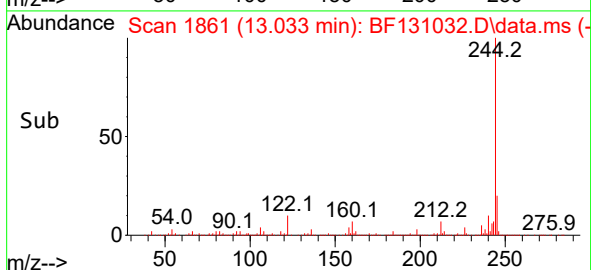
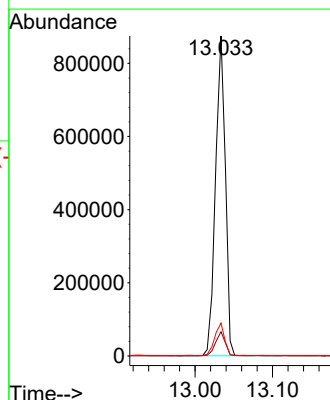
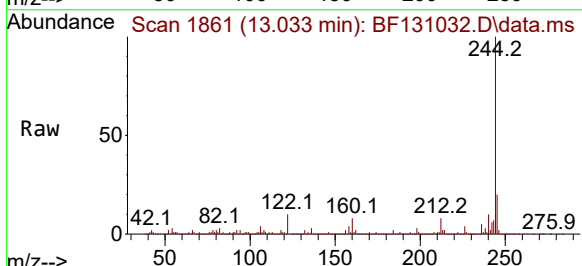
Tgt Ion:244 Resp: 771509

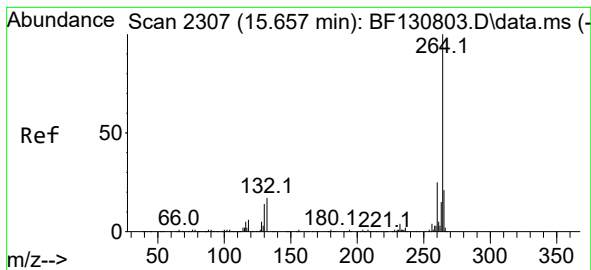
Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 10.3 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131032.D

Acq: 05 Nov 2022 22:05

Instrument :

BNA_F

ClientSampleId :

TP-2

Tgt Ion:264 Resp: 176846

Ion Ratio Lower Upper

264 100

260 23.8 19.9 29.9

265 22.3 17.0 25.6

