

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
 Data File : BF131697.D
 Acq On : 19 Dec 2022 19:37
 Operator : CG\JU
 Sample : N6065-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-23

Quant Time: Dec 20 01:06:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 00:23:43 2022
 Response via : Initial Calibration

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

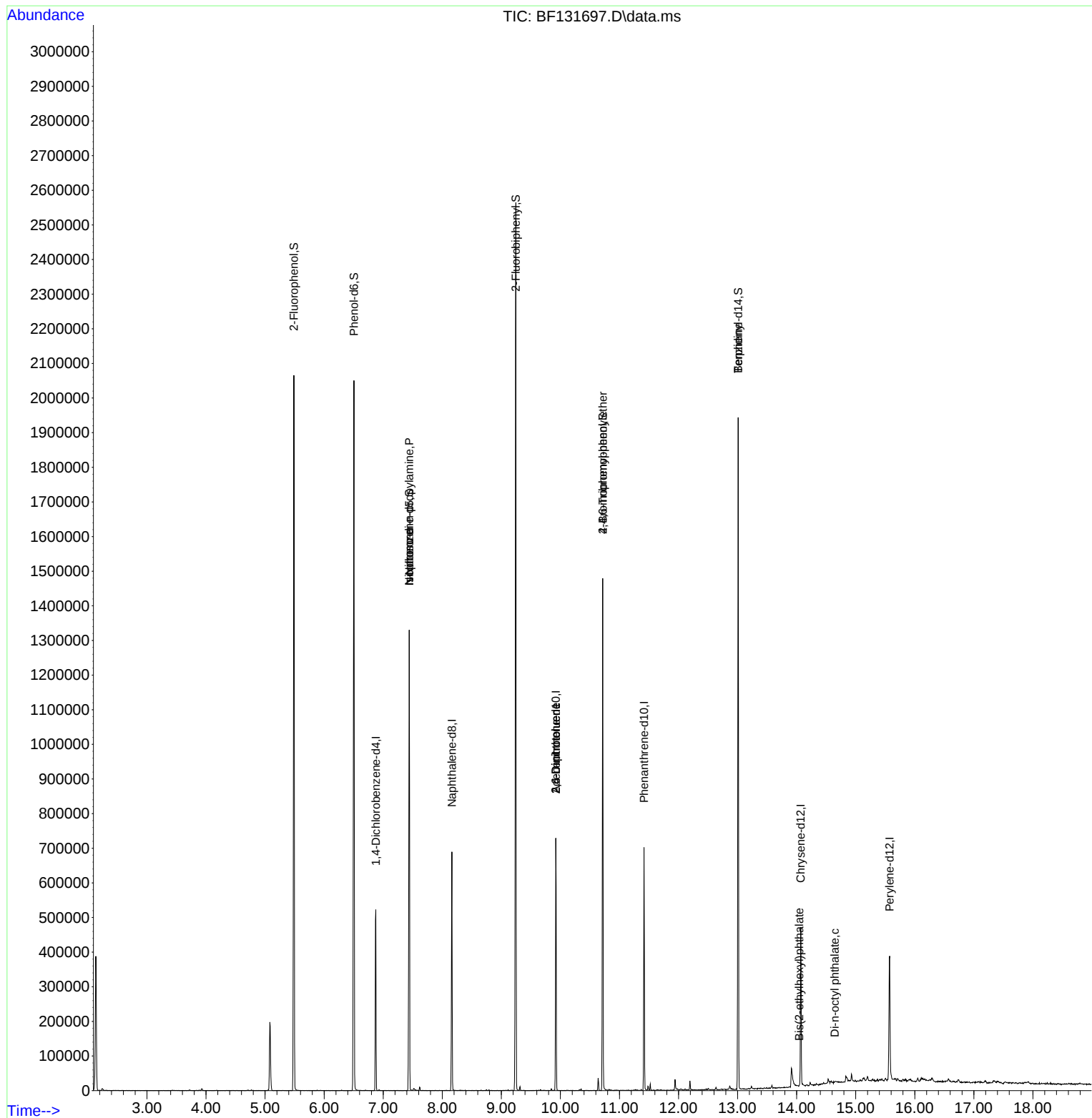
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	75106	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	263483	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	136610	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	230440	20.000	ng	0.00
76) Chrysene-d12	14.069	240	143944	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	175650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	510692	113.437	ng	0.00
7) Phenol-d6	6.504	99	651777	110.479	ng	0.00
23) Nitrobenzene-d5	7.440	82	451637	64.805	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	144969	95.514	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	750388	69.259	ng	0.00
79) Terphenyl-d14	13.010	244	613052	58.408	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	63225	14.292	ng	# 75
25) Isophorone	7.440	82	449611	40.052	ng	# 69
51) 2,6-Dinitrotoluene	9.922	165	18307	8.515	ng	# 10
57) 2,4-Dinitrotoluene	9.922	165	18307	6.419	ng	# 16
67) 4-Bromophenyl-phenylether	10.716	248	9997	3.372	ng	# 1
77) Benzidine	13.010	184	9320	2.417	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.045	149	688	3.147	ng	# 80
85) Di-n-octyl phthalate	14.645	149	399	5.258	ng	# 1

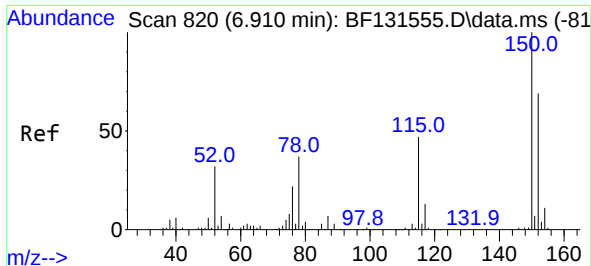
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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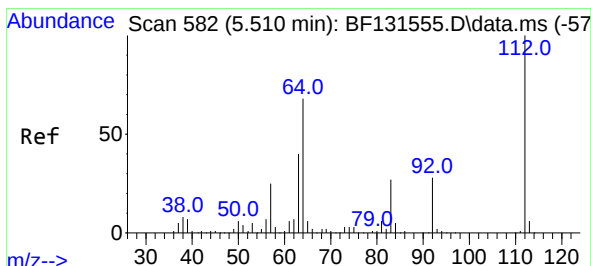
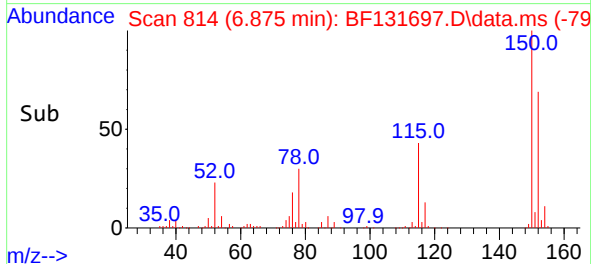
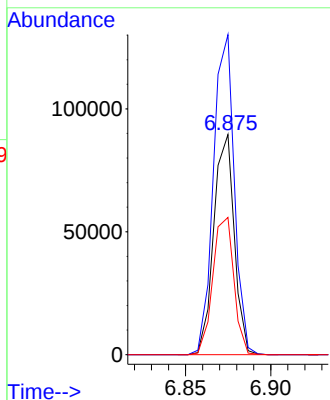
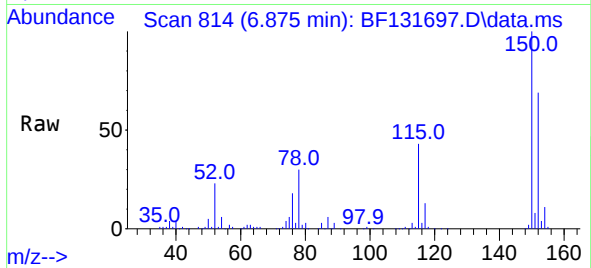




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131697.D
Acq: 19 Dec 2022 19:37

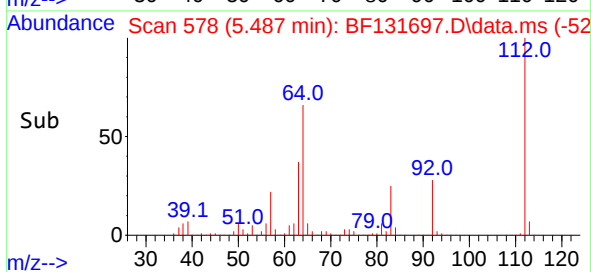
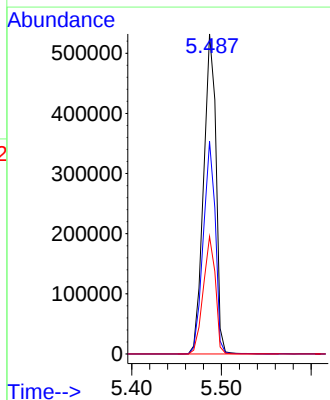
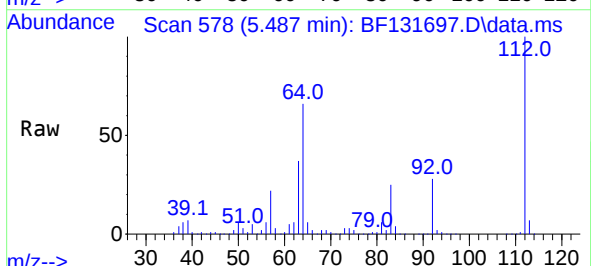
Instrument :
BNA_F
ClientSampleId :
MH-23

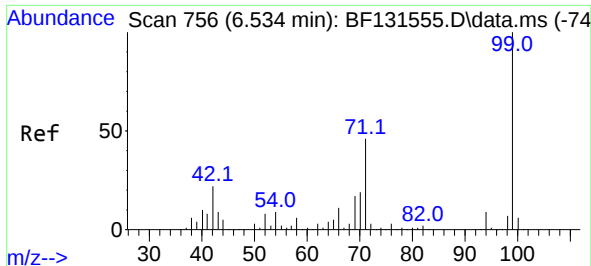
Tgt Ion:152 Resp: 75106
Ion Ratio Lower Upper
152 100
150 145.4 116.7 175.1
115 62.4 54.6 82.0



#5
2-Fluorophenol
Concen: 113.437 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF131697.D
Acq: 19 Dec 2022 19:37

Tgt Ion:112 Resp: 510692
Ion Ratio Lower Upper
112 100
64 66.4 54.5 81.7
63 36.7 31.9 47.9

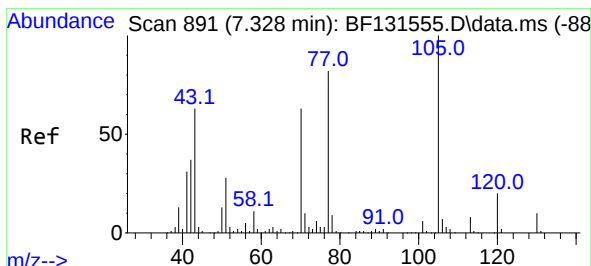
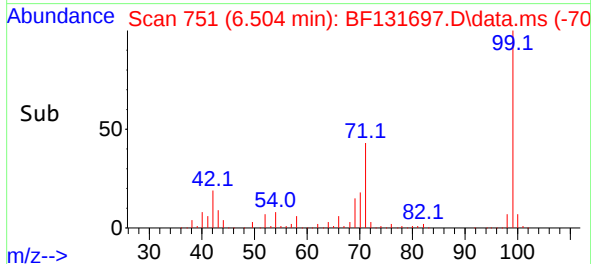
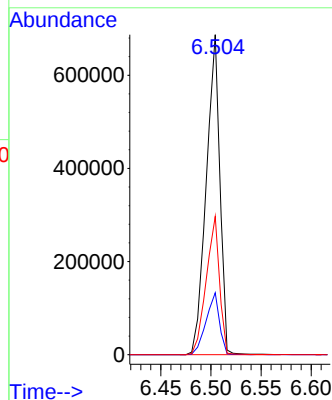
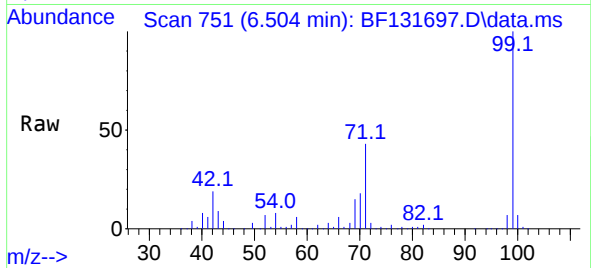




#7
Phenol-d6
Concen: 110.479 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131697.D
Acq: 19 Dec 2022 19:37

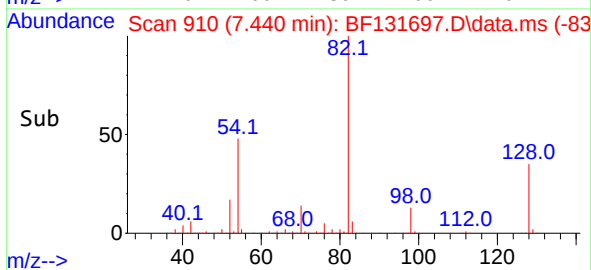
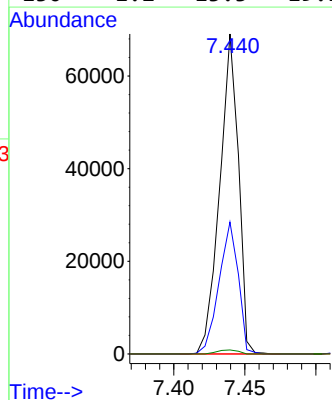
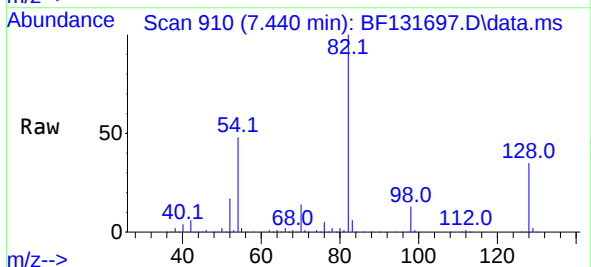
Instrument :
BNA_F
ClientSampleId :
MH-23

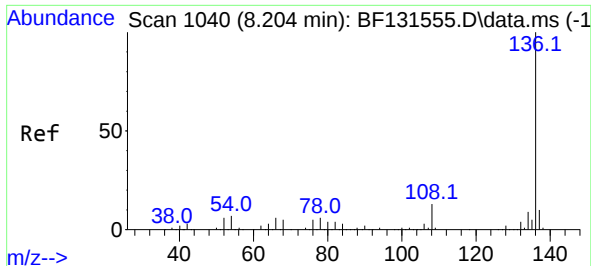
Tgt Ion: 99 Resp: 651777
Ion Ratio Lower Upper
99 100
42 19.3 17.9 26.9
71 43.2 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.292 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF131697.D
Acq: 19 Dec 2022 19:37

Tgt Ion: 70 Resp: 63225
Ion Ratio Lower Upper
70 100
42 41.2 46.4 69.6#
101 0.0 7.2 10.8#
130 1.2 13.3 19.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131697.D

Acq: 19 Dec 2022 19:37

Instrument :

BNA_F

ClientSampleId :

MH-23

Tgt Ion:136 Resp: 263483

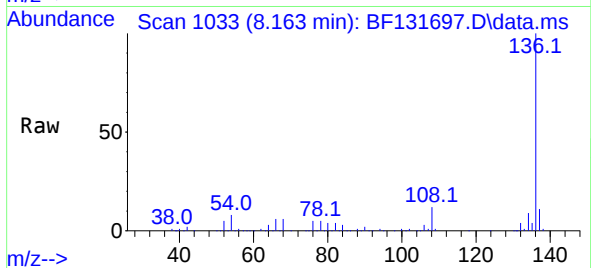
Ion Ratio Lower Upper

136 100

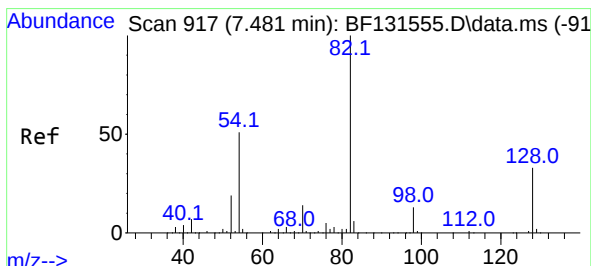
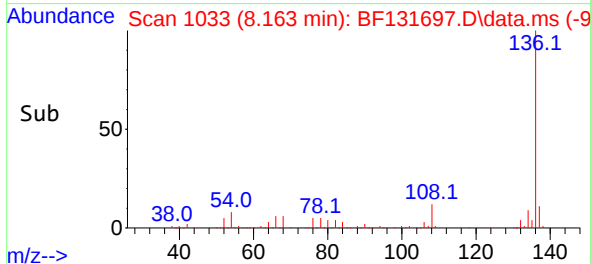
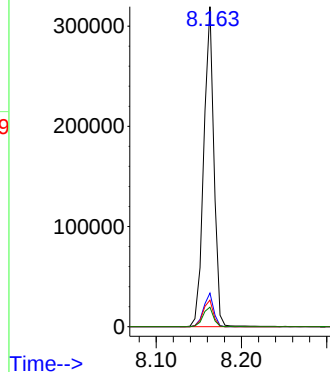
137 10.5 8.1 12.1

54 8.3 6.0 9.0

68 6.1 3.8 5.8#



Abundance



#23

Nitrobenzene-d5

Concen: 64.805 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF131697.D

Acq: 19 Dec 2022 19:37

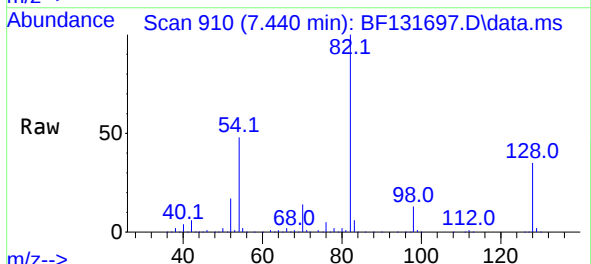
Tgt Ion: 82 Resp: 451637

Ion Ratio Lower Upper

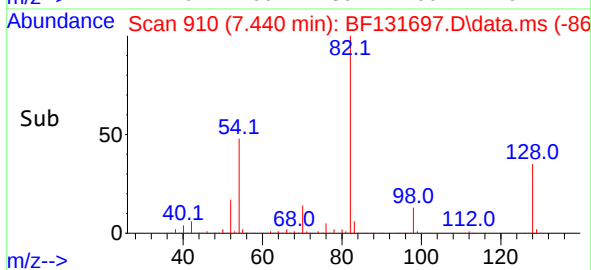
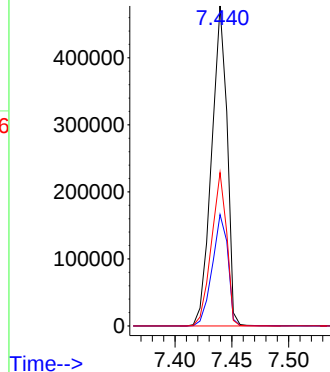
82 100

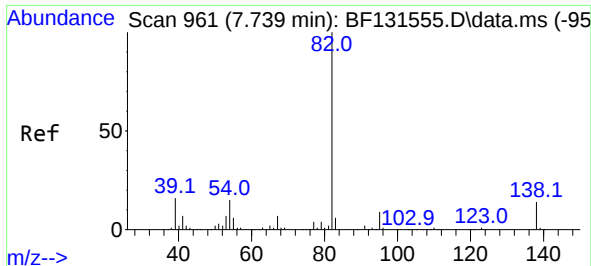
128 34.8 26.1 39.1

54 47.9 40.6 60.8



Abundance

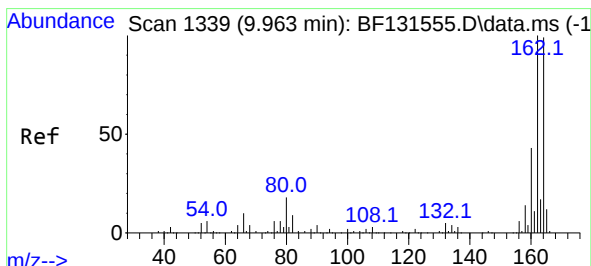
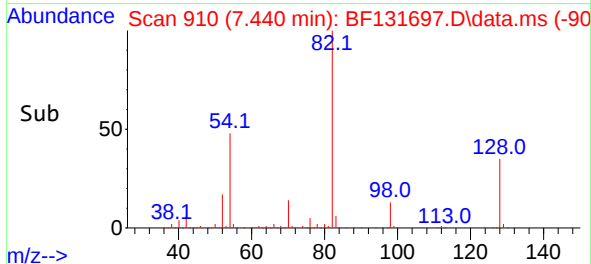
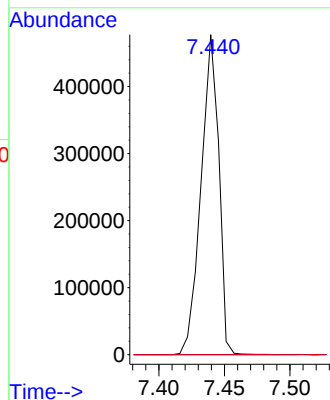
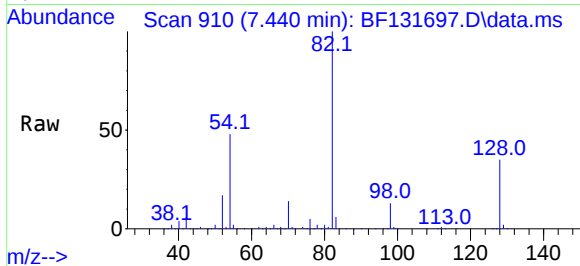




#25
Isophorone
Concen: 40.052 ng
RT: 7.440 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131697.D
Acq: 19 Dec 2022 19:37

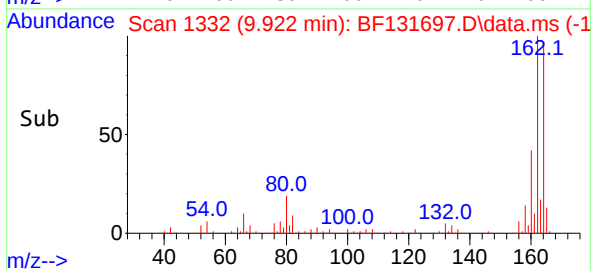
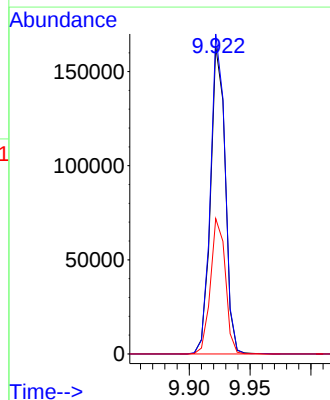
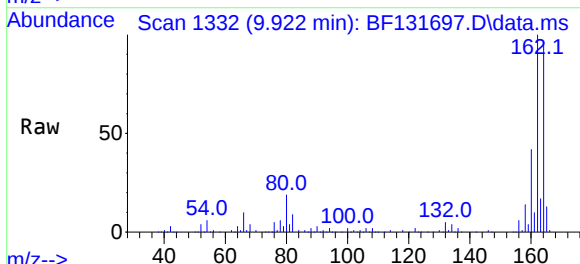
Instrument :
BNA_F
ClientSampleId :
MH-23

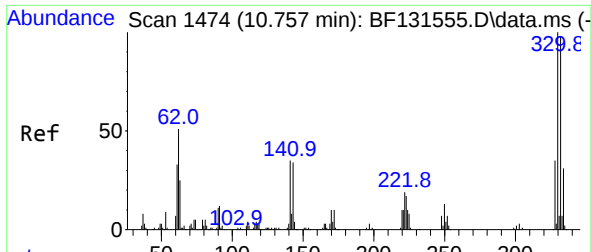
Tgt Ion: 82 Resp: 449611
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF131697.D
Acq: 19 Dec 2022 19:37

Tgt Ion:164 Resp: 136610
Ion Ratio Lower Upper
164 100
162 104.0 81.0 121.6
160 44.0 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 95.514 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF131697.D

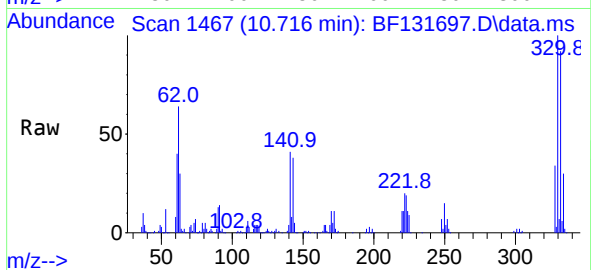
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Instrument :

BNA_F

ClientSampleId :

MH-23



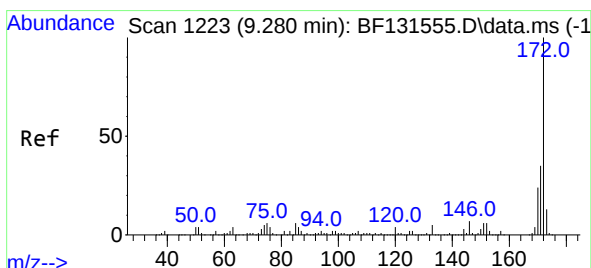
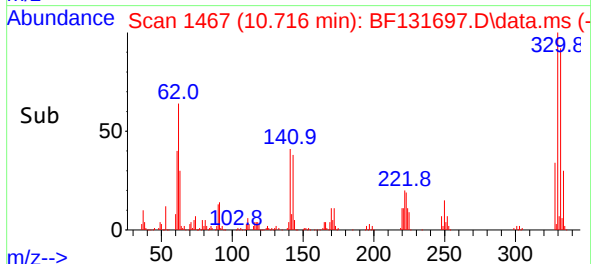
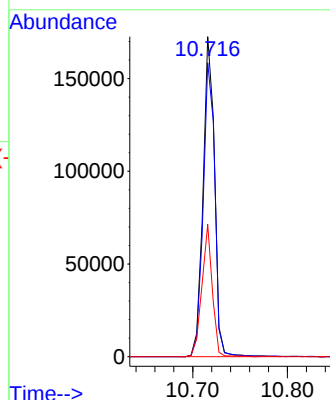
Tgt Ion:330 Resp: 144969

Ion Ratio Lower Upper

330 100

332 93.5 78.3 117.5

141 37.7 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 69.259 ng

RT: 9.245 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF131697.D

Acq: 19 Dec 2022 19:37

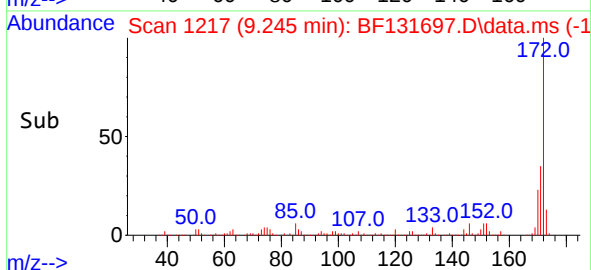
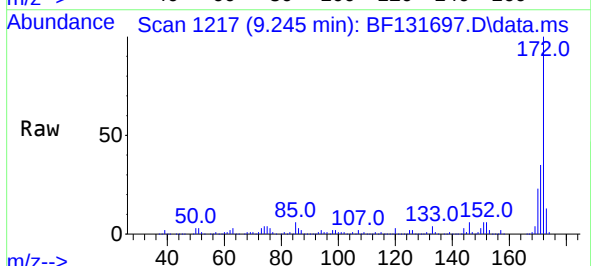
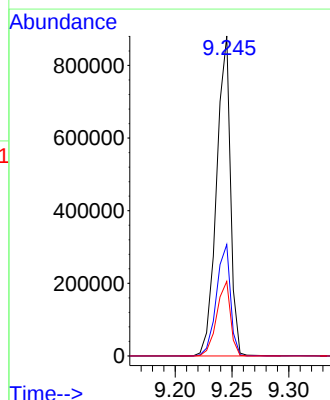
Tgt Ion:172 Resp: 750388

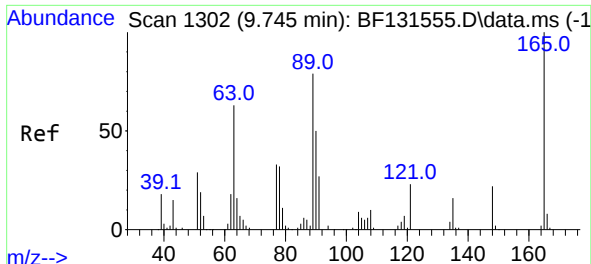
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.3 19.3 28.9





#51

2,6-Dinitrotoluene

Concen: 8.515 ng

RT: 9.922 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF131697.D

Acq: 19 Dec 2022 19:37

Instrument :

BNA_F

ClientSampleId :

MH-23

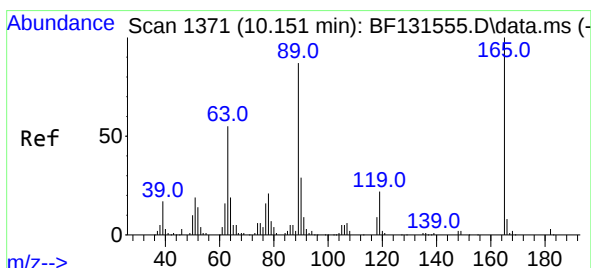
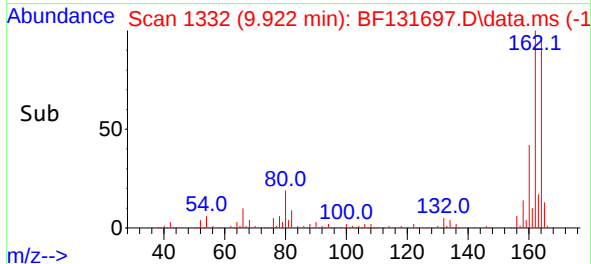
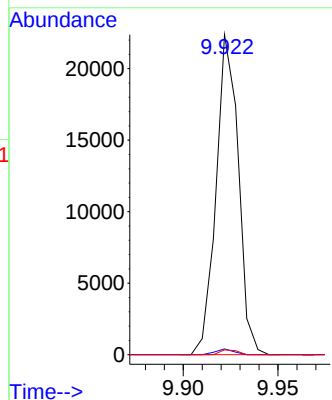
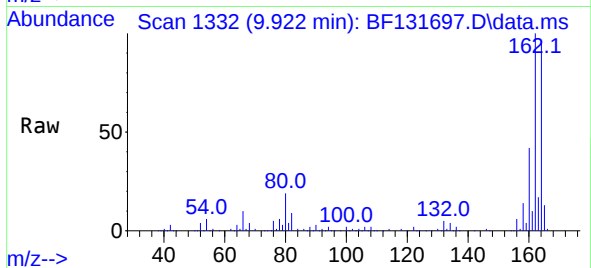
Tgt Ion:165 Resp: 18307

Ion Ratio Lower Upper

165 100

63 1.8 67.9 101.9#

89 1.5 63.2 94.8#



#57

2,4-Dinitrotoluene

Concen: 6.419 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.194 min

Lab File: BF131697.D

Acq: 19 Dec 2022 19:37

Tgt Ion:165 Resp: 18307

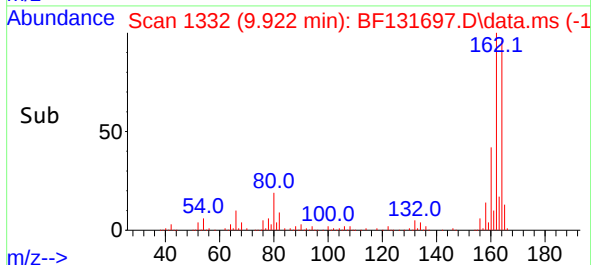
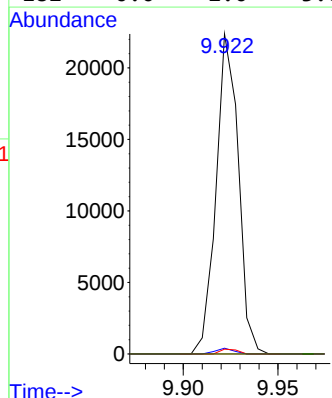
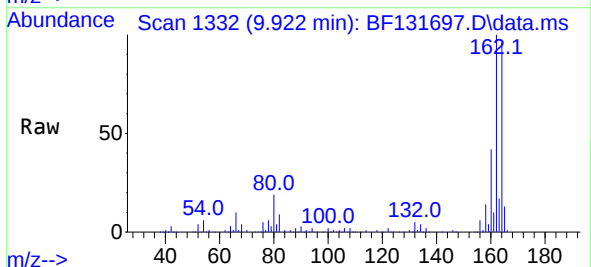
Ion Ratio Lower Upper

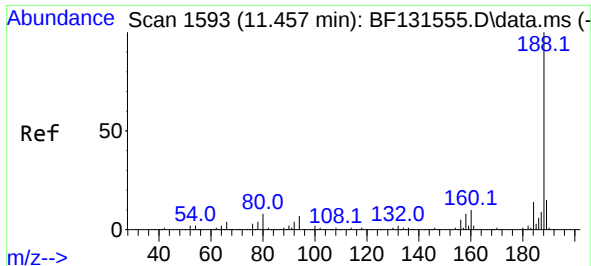
165 100

63 1.8 44.4 66.6#

89 1.5 69.6 104.4#

182 0.0 2.0 3.0#

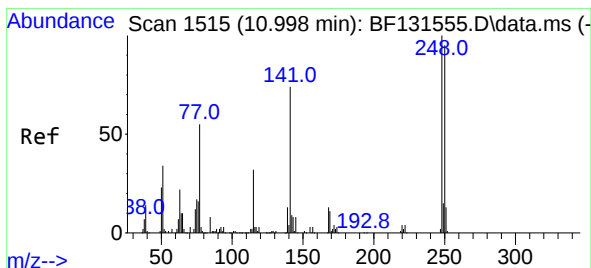
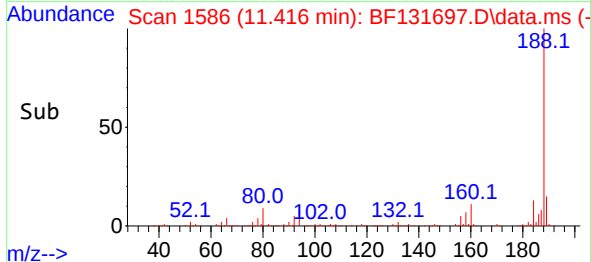
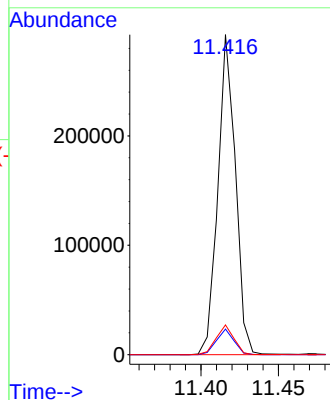
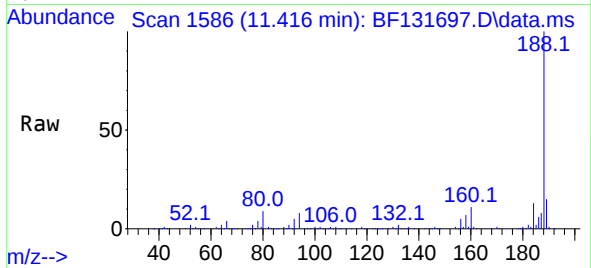




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131697.D
Acq: 19 Dec 2022 19:37

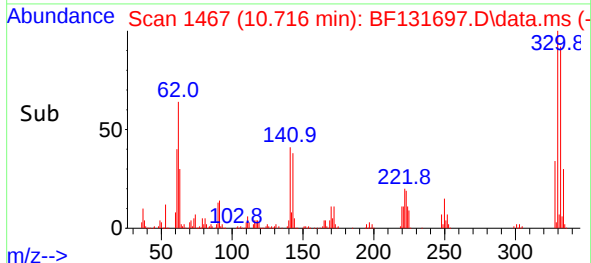
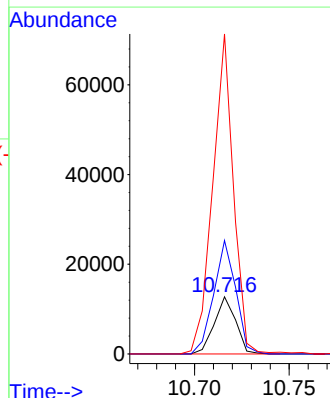
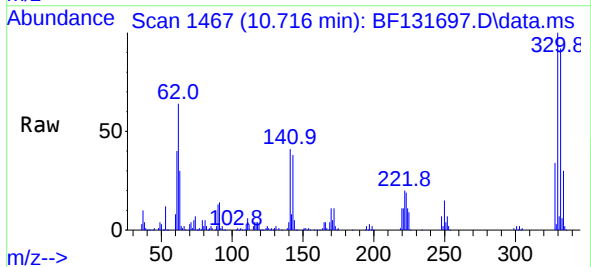
Instrument :
BNA_F
ClientSampleId :
MH-23

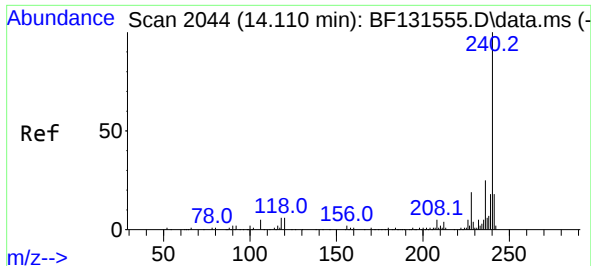
Tgt Ion:188 Resp: 230440
Ion Ratio Lower Upper
188 100
94 8.0 5.5 8.3
80 9.3 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 3.372 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF131697.D
Acq: 19 Dec 2022 19:37

Tgt Ion:248 Resp: 9997
Ion Ratio Lower Upper
248 100
250 198.7 76.2 114.2#
141 560.6 59.5 89.3#

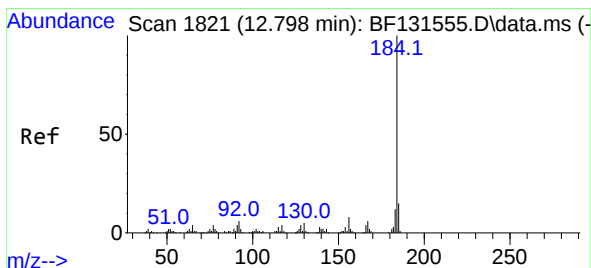
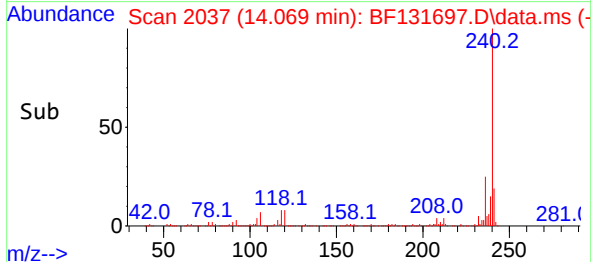
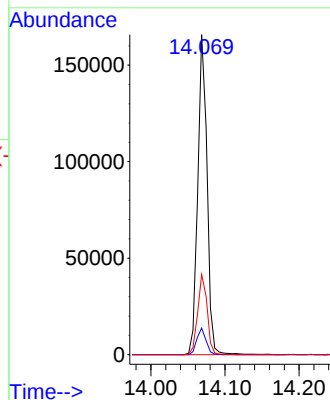
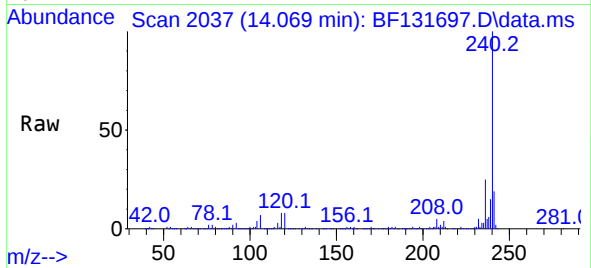




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131697.D
Acq: 19 Dec 2022 19:37

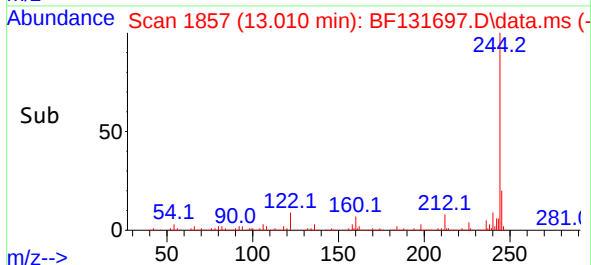
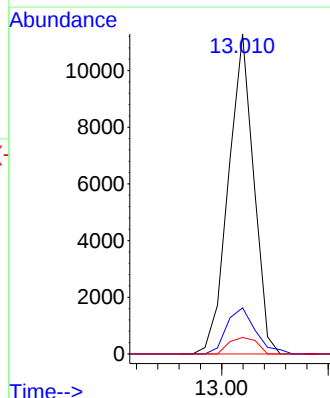
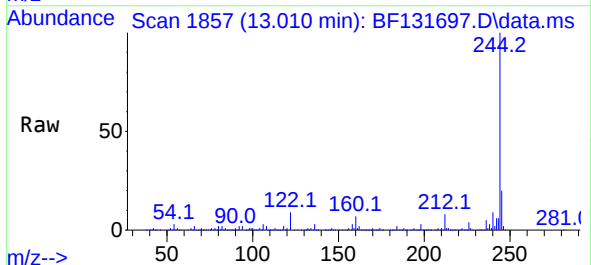
Instrument :
BNA_F
ClientSampleId :
MH-23

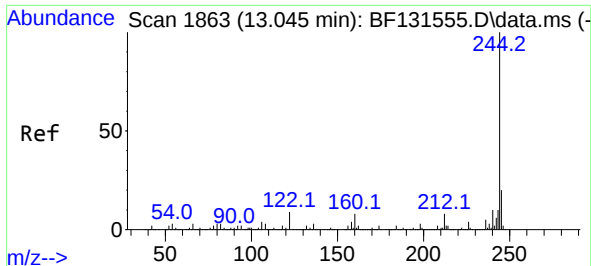
Tgt Ion:240 Resp: 143944
Ion Ratio Lower Upper
240 100
120 8.3 4.6 7.0#
236 25.1 20.2 30.2



#77
Benzidine
Concen: 2.417 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.247 min
Lab File: BF131697.D
Acq: 19 Dec 2022 19:37

Tgt Ion:184 Resp: 9320
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.2
183 5.2 9.3 13.9#

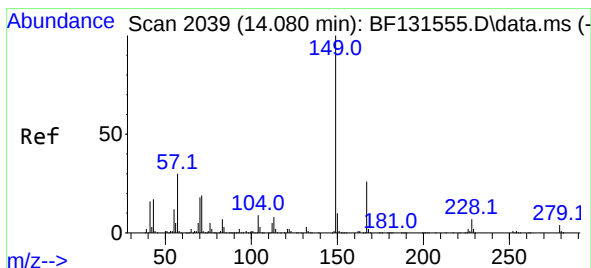
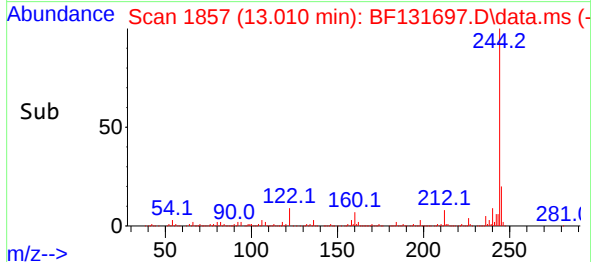
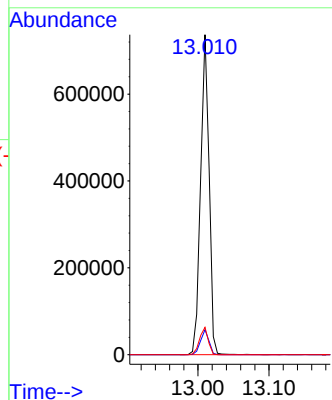
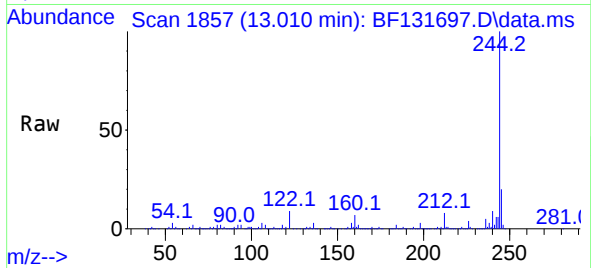




#79
 Terphenyl-d14
 Concen: 58.408 ng
 RT: 13.010 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: BF131697.D
 Acq: 19 Dec 2022 19:37

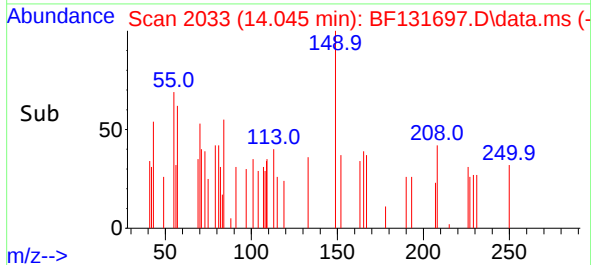
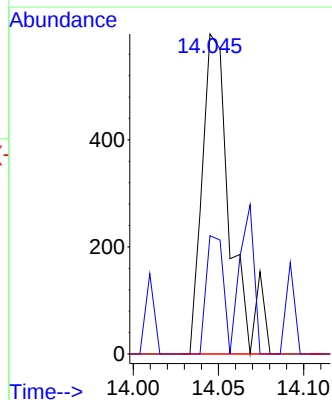
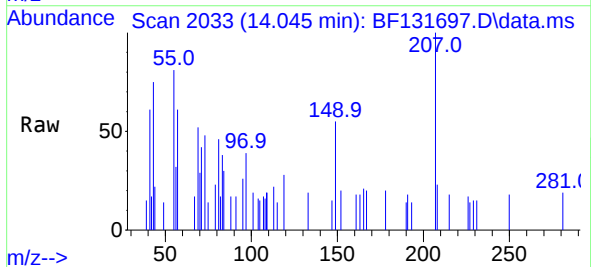
Instrument :
 BNA_F
 ClientSampleId :
 MH-23

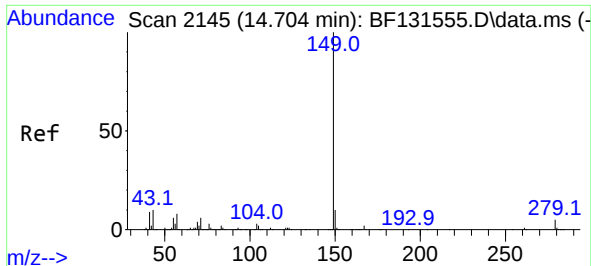
Tgt Ion:244 Resp: 613052
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.5 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.147 ng
 RT: 14.045 min Scan# 2033
 Delta R.T. -0.006 min
 Lab File: BF131697.D
 Acq: 19 Dec 2022 19:37

Tgt Ion:149 Resp: 688
 Ion Ratio Lower Upper
 149 100
 167 37.0 20.8 31.2#
 279 0.0 3.3 4.9#

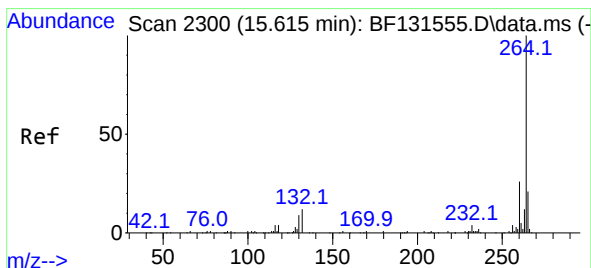
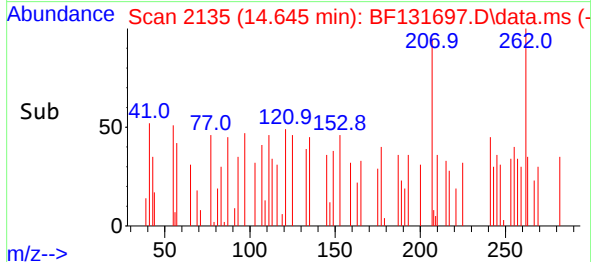
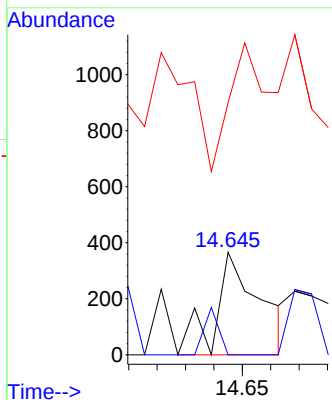
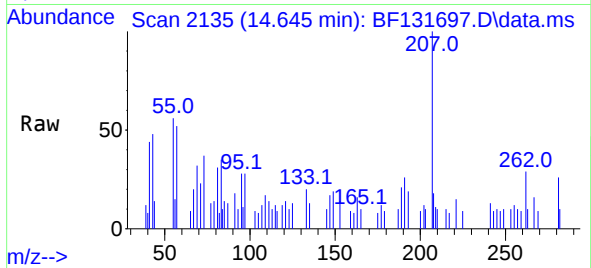




#85
Di-n-octyl phthalate
Concen: 5.258 ng
RT: 14.645 min Scan# 2145
Delta R.T. -0.023 min
Lab File: BF131697.D
Acq: 19 Dec 2022 19:37

Instrument :
BNA_F
ClientSampleId :
MH-23

Tgt Ion:149 Resp: 399
Ion Ratio Lower Upper
149 100
167 15.0 1.2 1.8#
43 112.5 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF131697.D
Acq: 19 Dec 2022 19:37

Tgt Ion:264 Resp: 175650
Ion Ratio Lower Upper
264 100
260 23.5 20.6 30.8
265 20.6 16.8 25.2

