

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132170.D
 Acq On : 20 Jan 2023 20:03
 Operator : CG\JU
 Sample : 01233-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P34A

Quant Time: Jan 21 03:56:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

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

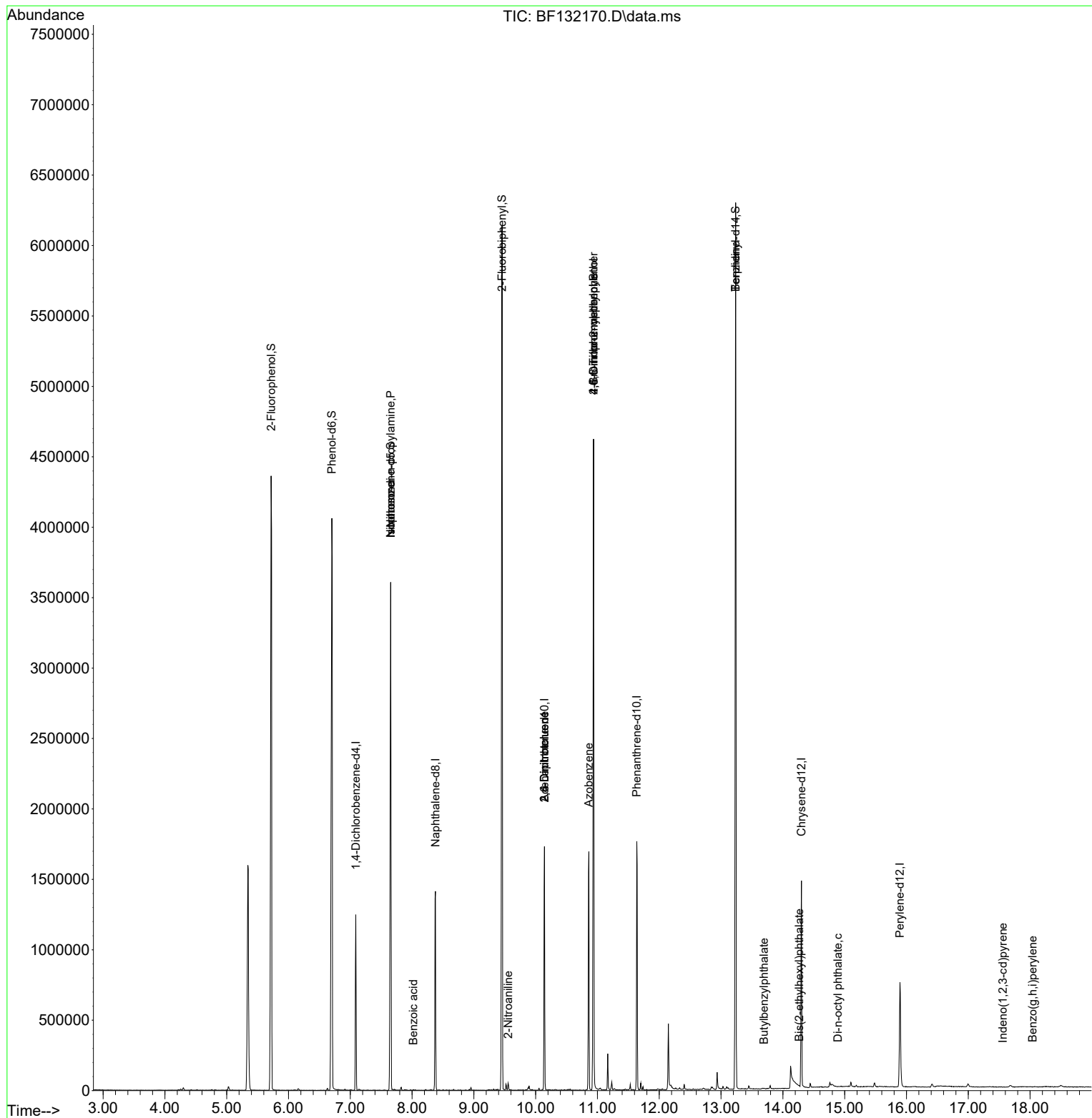
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	165824	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	608025	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	328729	20.000	ng	0.00
64) Phenanthrene-d10	11.636	188	655100	20.000	ng	0.00
76) Chrysene-d12	14.301	240	482863	20.000	ng	0.00
86) Perylene-d12	15.895	264	384782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.719	112	1326882	139.781	ng	0.01
7) Phenol-d6	6.701	99	1776920	148.704	ng	0.00
23) Nitrobenzene-d5	7.654	82	1162760	101.590	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	573955	163.458	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1826404	81.185	ng	0.00
79) Terphenyl-d14	13.236	244	2298218	79.728	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.654	70	160221	21.890	ng	# 76
25) Isophorone	7.654	82	1161359	51.858	ng	# 67
32) Benzoic acid	8.019	122	884	7.968	ng	85
48) 2-Nitroaniline	9.554	65	426	2.598	ng	# 7
51) 2,6-Dinitrotoluene	10.142	165	42415	9.191	ng	# 24
57) 2,4-Dinitrotoluene	10.142	165	42415	7.657	ng	# 17
63) Azobenzene	10.860	77	309960	13.228	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.936	198	1835	8.288	ng	# 1
67) 4-Bromophenyl-phenylether	10.936	248	36108	4.522	ng	# 1
77) Benzidine	13.236	184	37531	2.589	ng	# 86
80) Butylbenzylphthalate	13.695	149	147	2.930	ng	# 43
84) Bis(2-ethylhexyl)phtha...	14.266	149	1742	3.575	ng	# 90
85) Di-n-octyl phthalate	14.889	149	405	5.352	ng	# 75
87) Indeno(1,2,3-cd)pyrene	17.559	276	55	2.339	ng	# 52
92) Benzo(g,h,i)perylene	18.042	276	72	2.300	ng	# 54

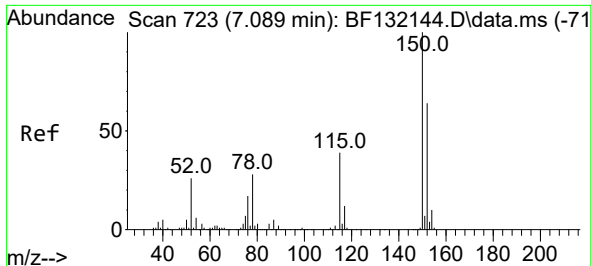
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
Data File : BF132170.D
Acq On : 20 Jan 2023 20:03
Operator : CG\JU
Sample : 01233-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-P34A

Quant Time: Jan 21 03:56:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:50:42 2023
Response via : Initial Calibration

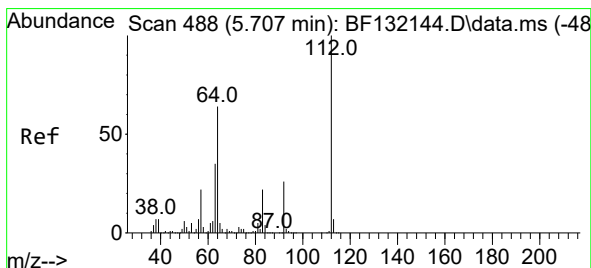
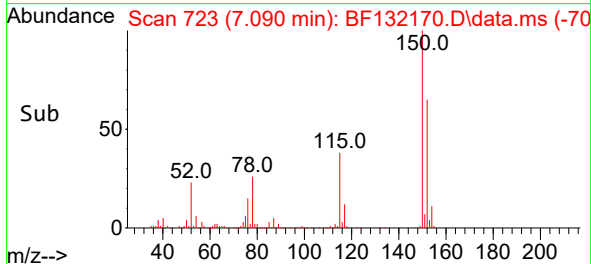
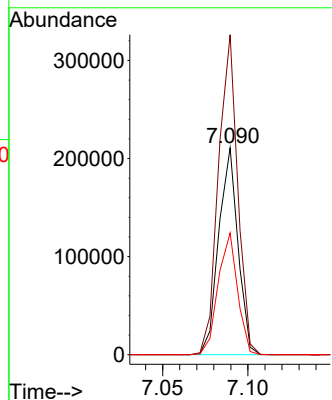
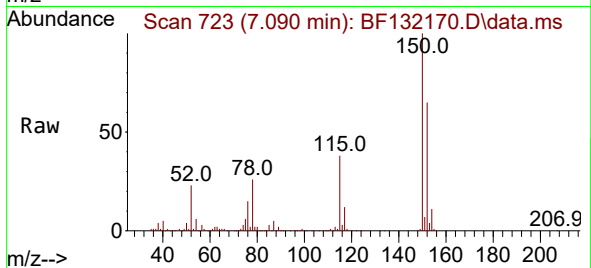




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.090 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF132170.D
Acq: 20 Jan 2023 20:03

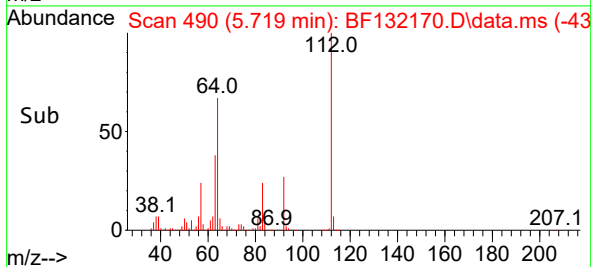
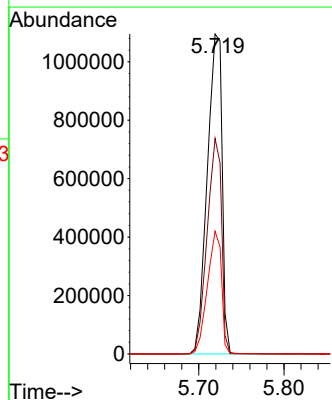
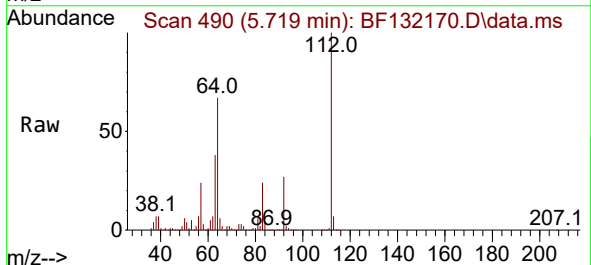
Instrument :
BNA_F
ClientSampleId :
B-P34A

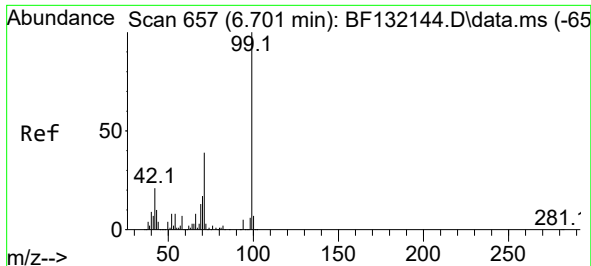
Tgt Ion:152 Resp: 165824
Ion Ratio Lower Upper
152 100
150 154.7 125.8 188.8
115 58.9 49.2 73.8



#5
2-Fluorophenol
Concen: 139.781 ng
RT: 5.719 min Scan# 490
Delta R.T. 0.012 min
Lab File: BF132170.D
Acq: 20 Jan 2023 20:03

Tgt Ion:112 Resp: 1326882
Ion Ratio Lower Upper
112 100
64 67.3 51.4 77.0
63 38.4 28.2 42.2



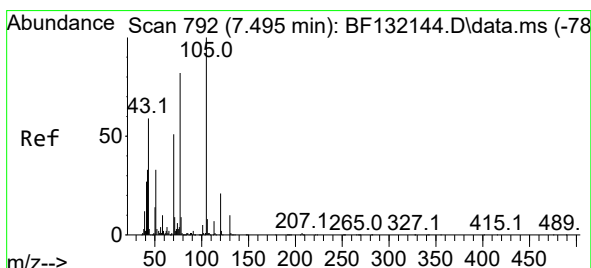
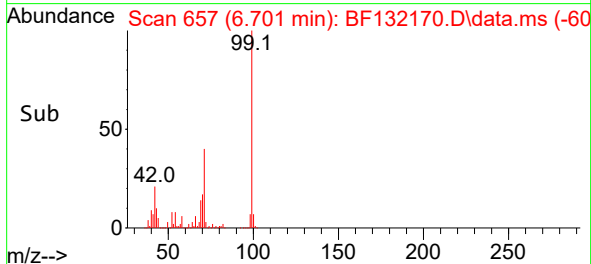
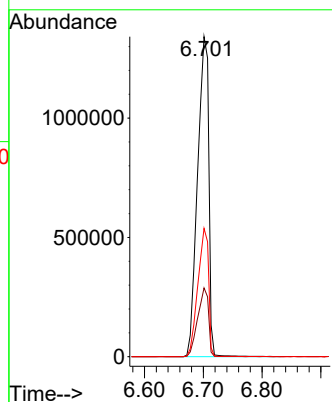
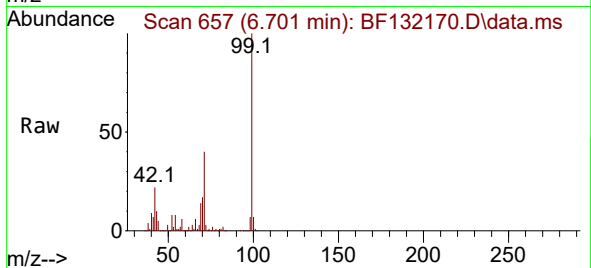


#7
Phenol-d6
Concen: 148.704 ng
RT: 6.701 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132170.D
Acq: 20 Jan 2023 20:03

Instrument :
BNA_F
ClientSampleId :
B-P34A

Tgt Ion: 99 Resp: 1776920

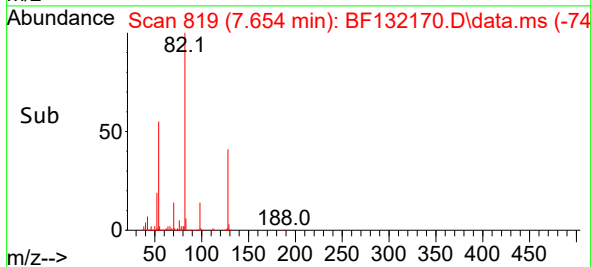
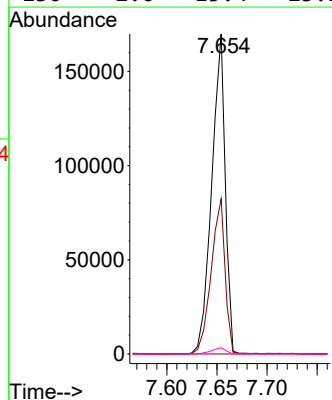
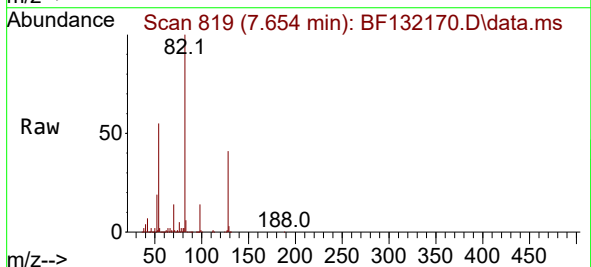
Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.6	24.8
71	40.1	30.8	46.2

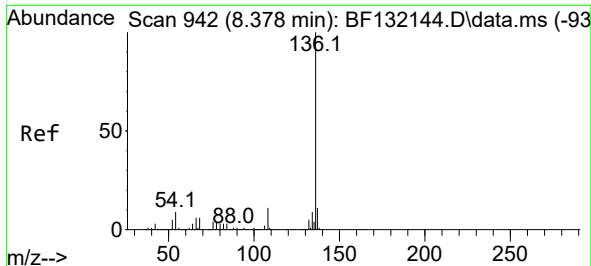


#19
n-Nitroso-di-n-propylamine
Concen: 21.890 ng
RT: 7.654 min Scan# 819
Delta R.T. 0.159 min
Lab File: BF132170.D
Acq: 20 Jan 2023 20:03

Tgt Ion: 70 Resp: 160221

Ion	Ratio	Lower	Upper
70	100		
42	48.5	51.0	76.4#
101	0.0	7.3	10.9#
130	2.0	15.4	23.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.378 min Scan# 942

Delta R.T. -0.000 min

Lab File: BF132170.D

Acq: 20 Jan 2023 20:03

Instrument :

BNA_F

ClientSampleId :

B-P34A

Tgt Ion:136 Resp: 608025

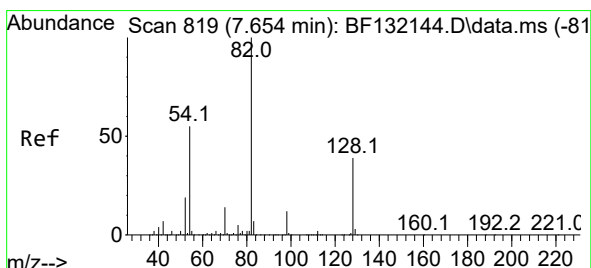
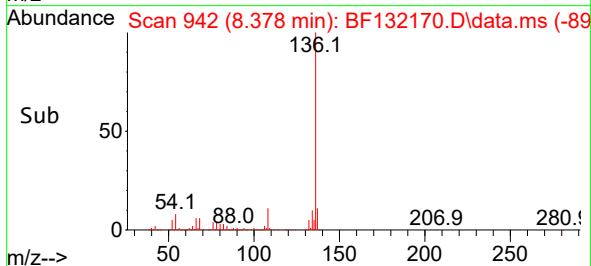
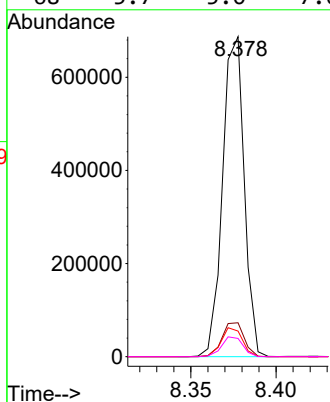
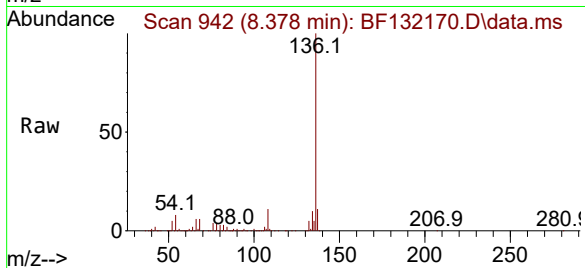
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.0 7.0 10.6

68 5.7 5.0 7.6



#23

Nitrobenzene-d5

Concen: 101.590 ng

RT: 7.654 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF132170.D

Acq: 20 Jan 2023 20:03

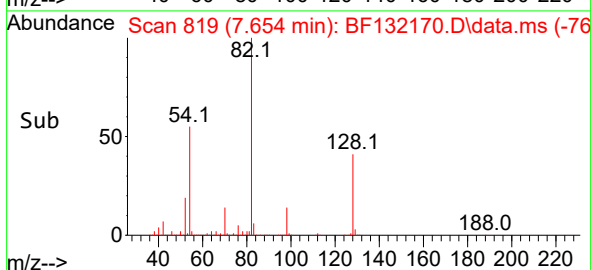
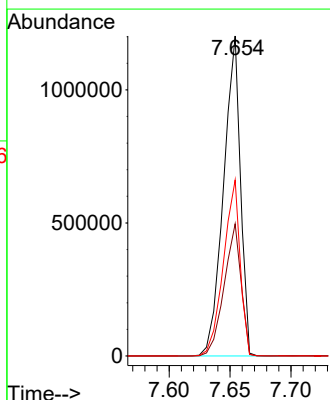
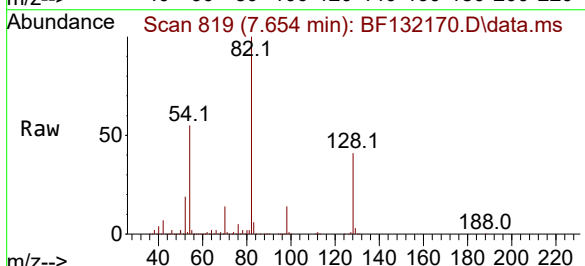
Tgt Ion: 82 Resp: 1162760

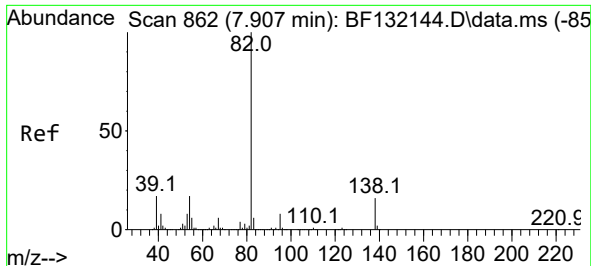
Ion Ratio Lower Upper

82 100

128 41.3 31.1 46.7

54 55.0 43.9 65.9

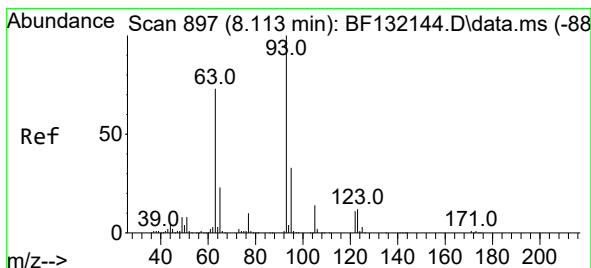
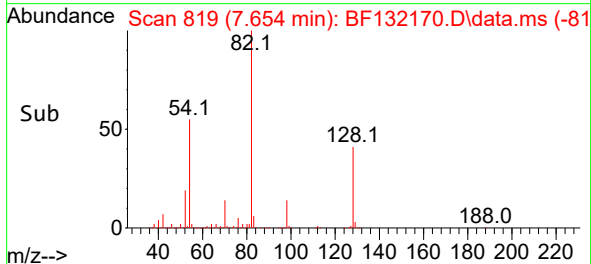
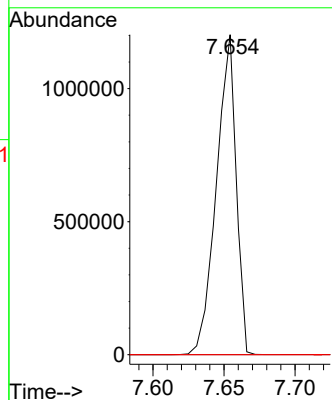
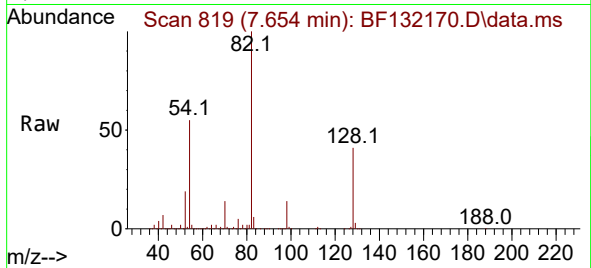




#25
Isophorone
Concen: 51.858 ng
RT: 7.654 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF132170.D
Acq: 20 Jan 2023 20:03

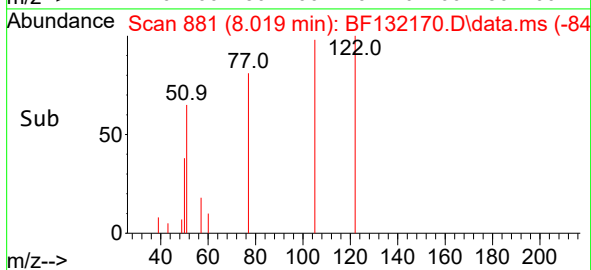
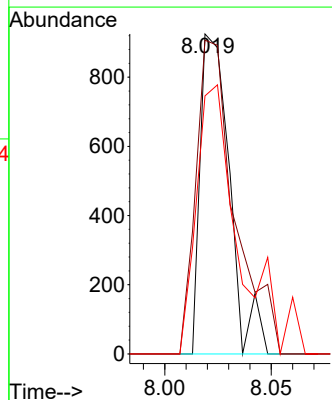
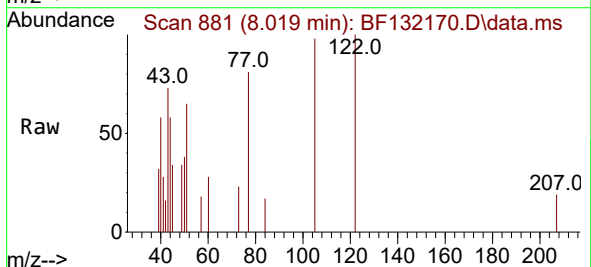
Instrument :
BNA_F
ClientSampleId :
B-P34A

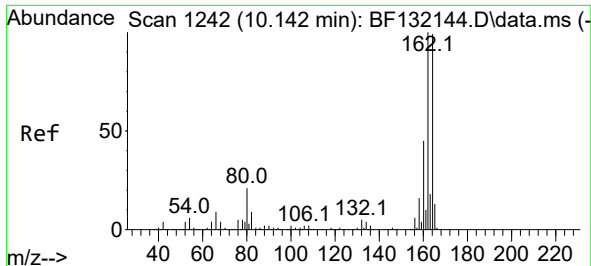
Tgt Ion: 82 Resp: 1161359
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.9 19.3#



#32
Benzoic acid
Concen: 7.968 ng
RT: 8.019 min Scan# 881
Delta R.T. -0.094 min
Lab File: BF132170.D
Acq: 20 Jan 2023 20:03

Tgt Ion:122 Resp: 884
Ion Ratio Lower Upper
122 100
105 98.1 96.8 136.8
77 80.6 72.5 112.5

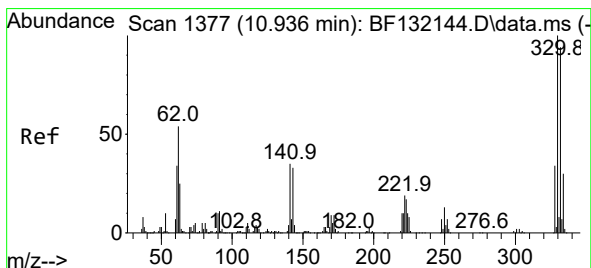
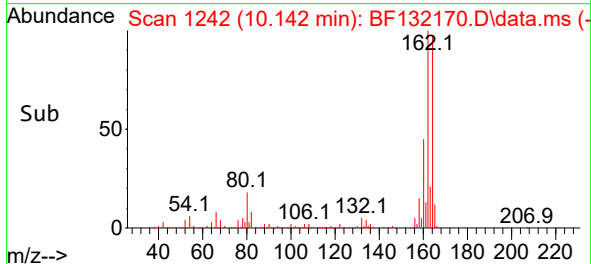
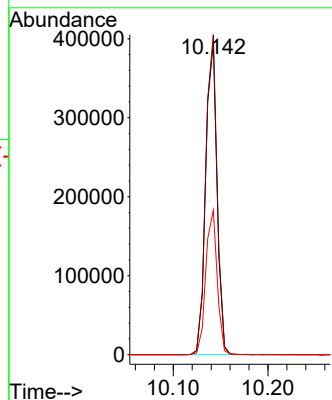
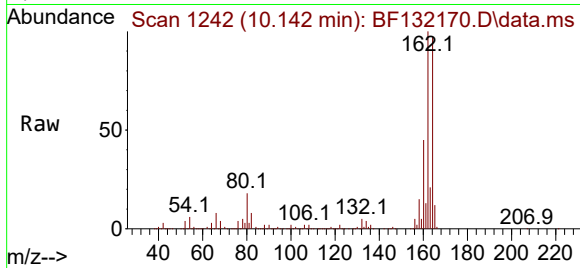




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF132170.D
Acq: 20 Jan 2023 20:03

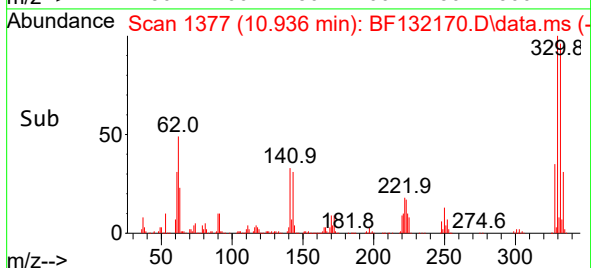
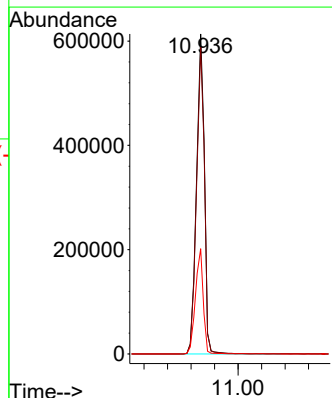
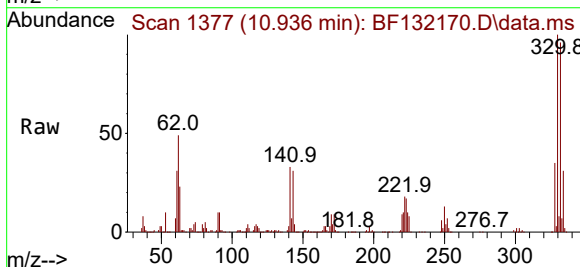
Instrument :
BNA_F
ClientSampleId :
B-P34A

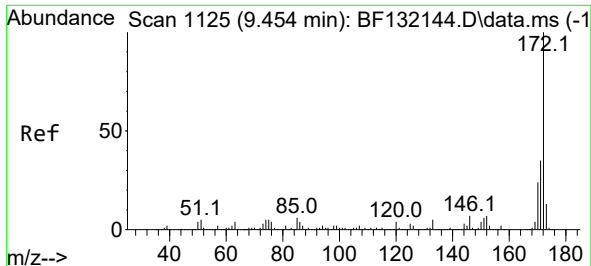
Tgt Ion:164 Resp: 328729
Ion Ratio Lower Upper
164 100
162 102.7 81.2 121.8
160 46.3 36.9 55.3



#42
2,4,6-Tribromophenol
Concen: 163.458 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF132170.D
Acq: 20 Jan 2023 20:03

Tgt Ion:330 Resp: 573955
Ion Ratio Lower Upper
330 100
332 96.1 75.6 113.4
141 32.5 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 81.185 ng

RT: 9.454 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BF132170.D

Acq: 20 Jan 2023 20:03

Instrument :

BNA_F

ClientSampleId :

B-P34A

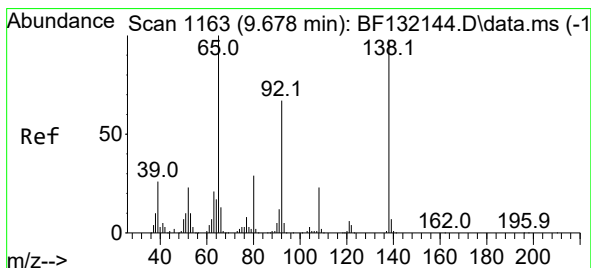
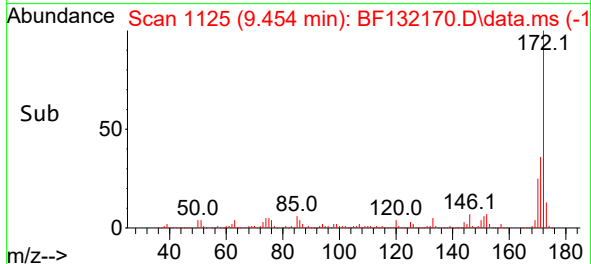
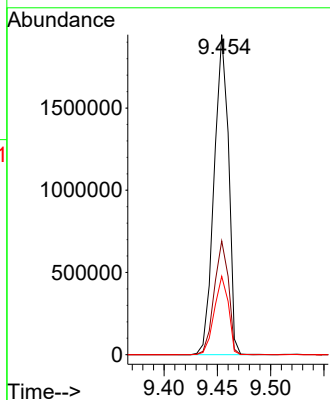
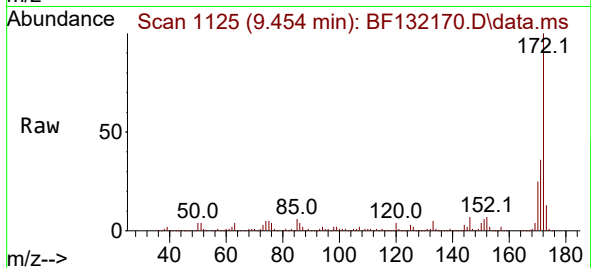
Tgt Ion:172 Resp: 1826404

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 24.5 19.6 29.4



#48

2-Nitroaniline

Concen: 2.598 ng

RT: 9.554 min Scan# 1142

Delta R.T. -0.124 min

Lab File: BF132170.D

Acq: 20 Jan 2023 20:03

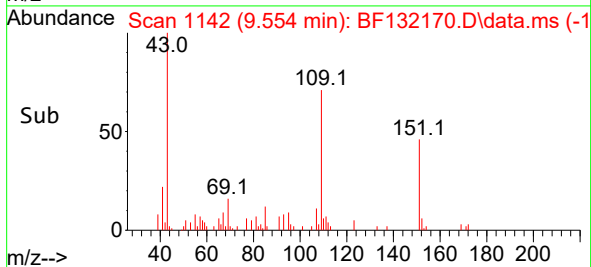
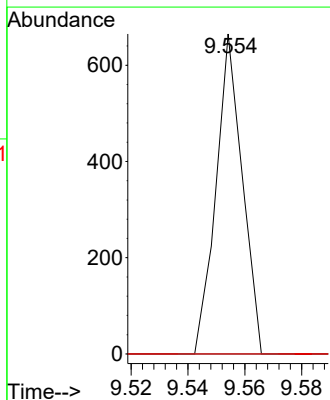
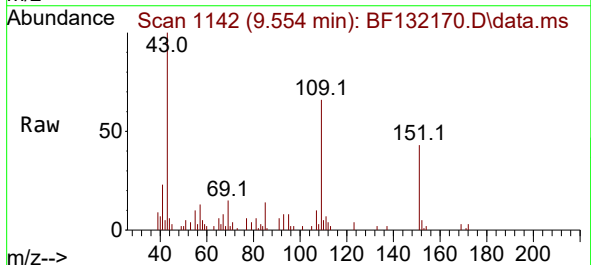
Tgt Ion: 65 Resp: 426

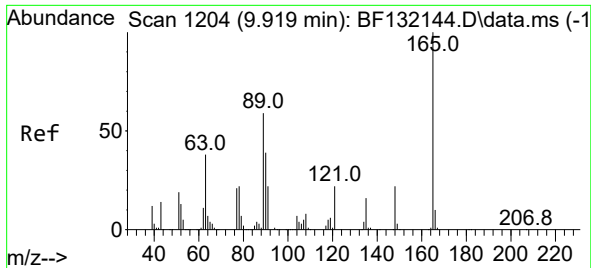
Ion Ratio Lower Upper

65 100

92 0.0 53.8 80.6#

138 0.0 78.7 118.1#

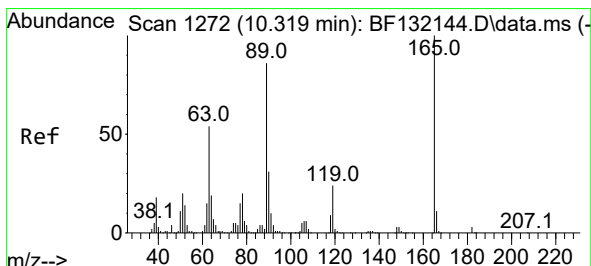
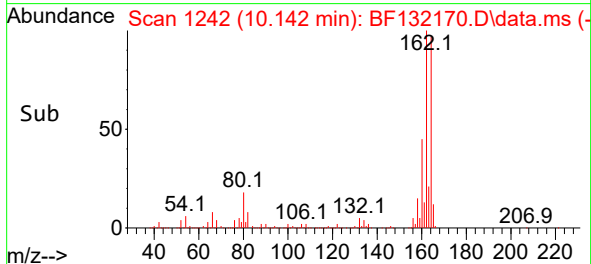
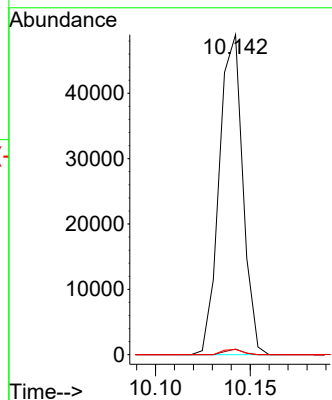
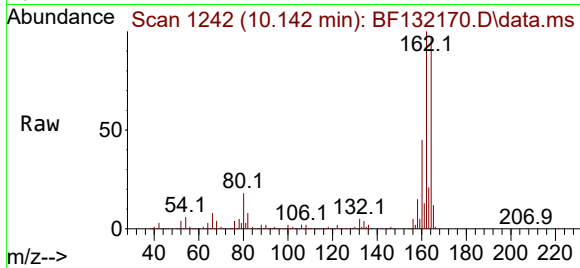




#51
2,6-Dinitrotoluene
Concen: 9.191 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.223 min
Lab File: BF132170.D
Acq: 20 Jan 2023 20:03

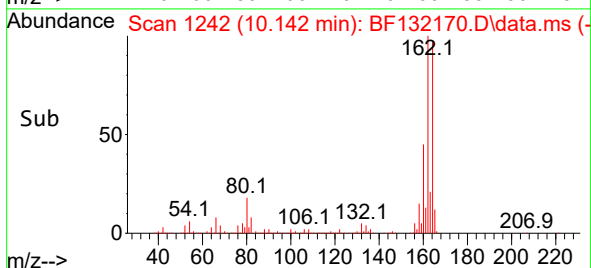
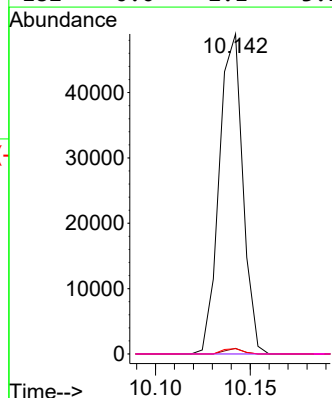
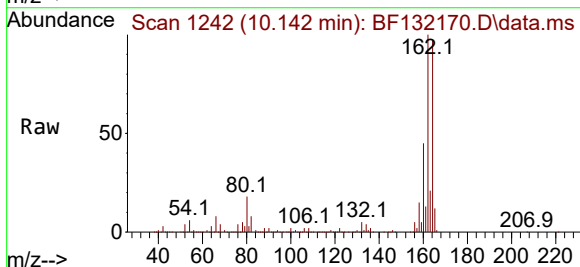
Instrument :
BNA_F
ClientSampleId :
B-P34A

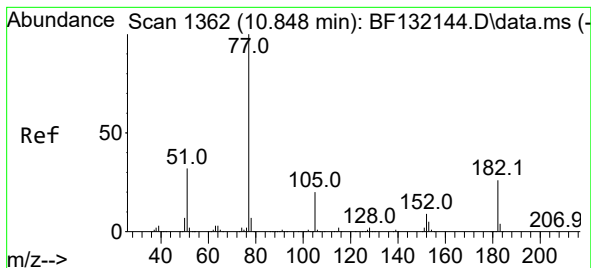
Tgt Ion:165 Resp: 42415
Ion Ratio Lower Upper
165 100
63 1.7 46.6 70.0#
89 1.7 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 7.657 ng
RT: 10.142 min Scan# 1242
Delta R.T. -0.177 min
Lab File: BF132170.D
Acq: 20 Jan 2023 20:03

Tgt Ion:165 Resp: 42415
Ion Ratio Lower Upper
165 100
63 1.7 43.5 65.3#
89 1.7 69.0 103.6#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 13.228 ng

RT: 10.860 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF132170.D

Acq: 20 Jan 2023 20:03

Instrument :

BNA_F

ClientSampleId :

B-P34A

Tgt Ion: 77 Resp: 309960

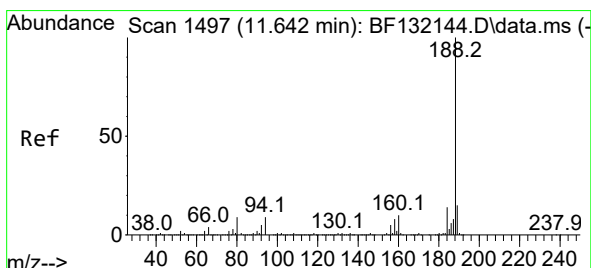
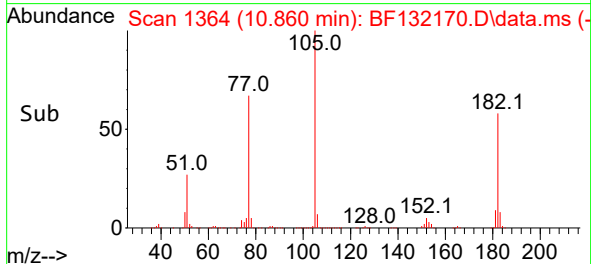
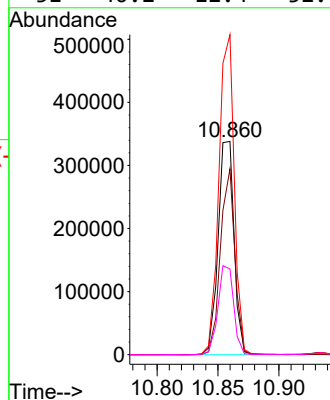
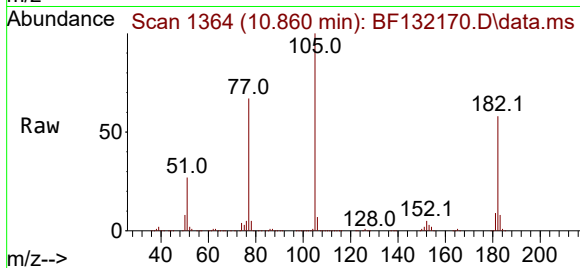
Ion Ratio Lower Upper

77 100

182 87.2 6.4 46.4#

105 150.1 0.0 39.8#

51 40.2 12.4 52.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.636 min Scan# 1496

Delta R.T. -0.006 min

Lab File: BF132170.D

Acq: 20 Jan 2023 20:03

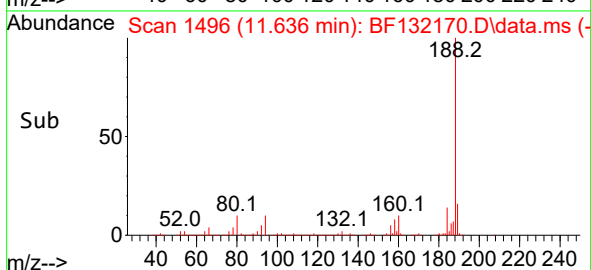
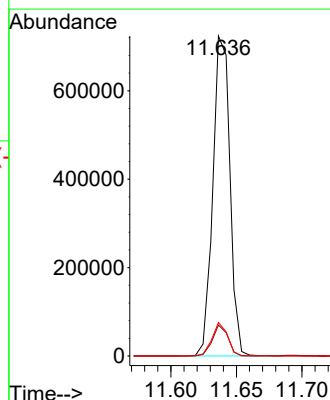
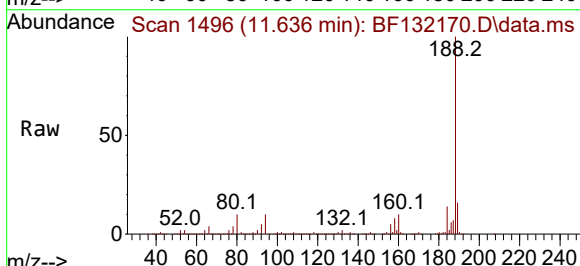
Tgt Ion: 188 Resp: 655100

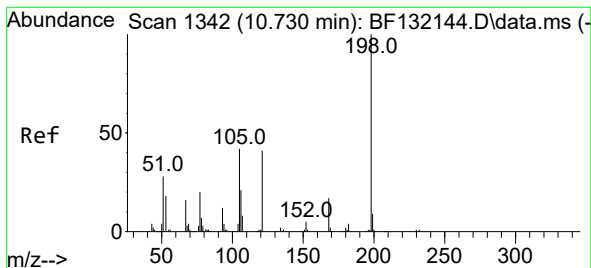
Ion Ratio Lower Upper

188 100

94 9.7 6.9 10.3

80 10.4 7.5 11.3

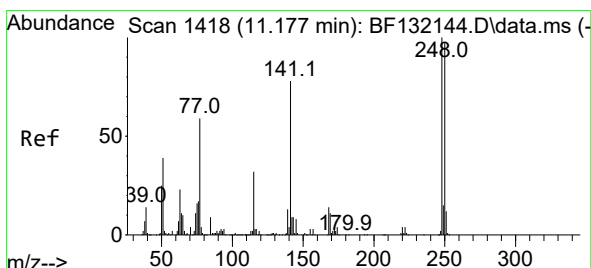
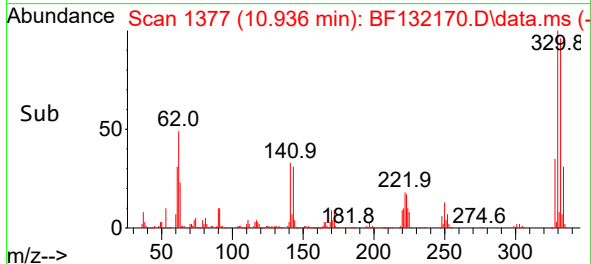
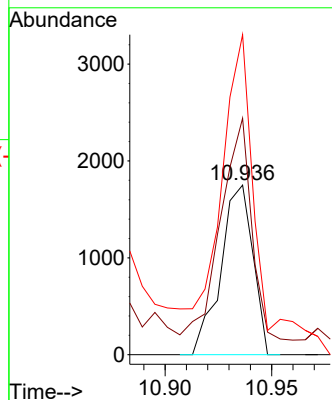
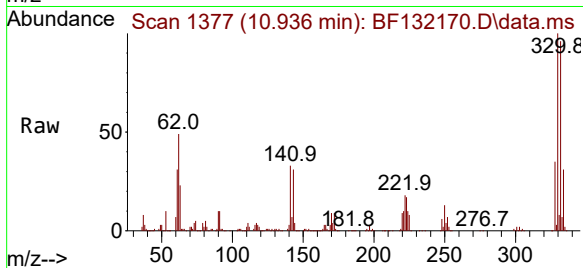




#65
4,6-Dinitro-2-methylphenol
Concen: 8.288 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.206 min
Lab File: BF132170.D
Acq: 20 Jan 2023 20:03

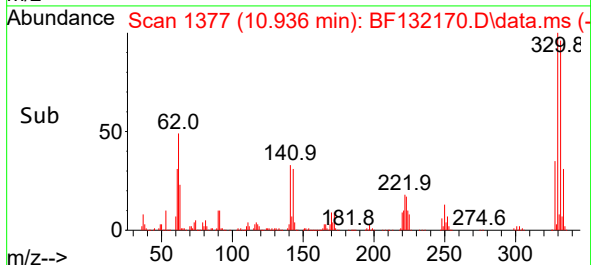
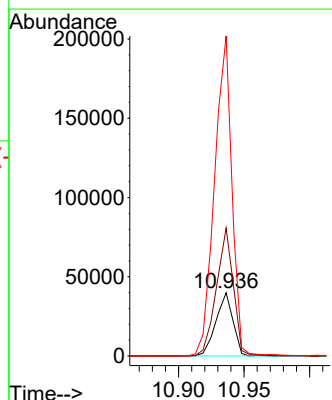
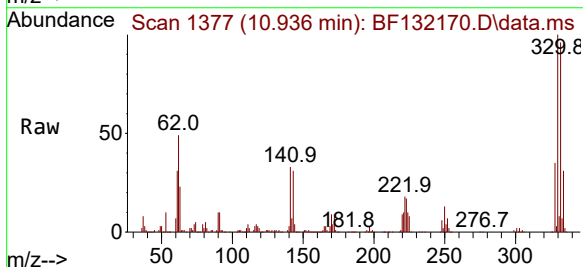
Instrument :
BNA_F
ClientSampleId :
B-P34A

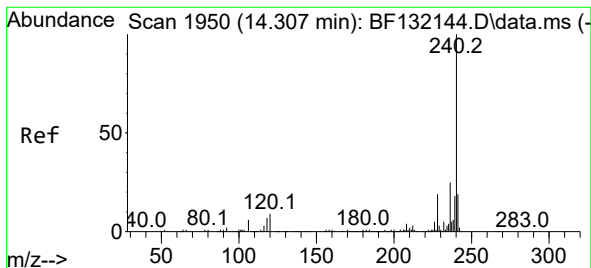
Tgt Ion:198 Resp: 1835
Ion Ratio Lower Upper
198 100
51 139.4 24.3 64.3#
105 188.7 23.3 63.3#



#67
4-Bromophenyl-phenylether
Concen: 4.522 ng
RT: 10.936 min Scan# 1377
Delta R.T. -0.241 min
Lab File: BF132170.D
Acq: 20 Jan 2023 20:03

Tgt Ion:248 Resp: 36108
Ion Ratio Lower Upper
248 100
250 202.3 77.4 116.0#
141 506.4 62.2 93.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.301 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BF132170.D

Acq: 20 Jan 2023 20:03

Instrument :

BNA_F

ClientSampleId :

B-P34A

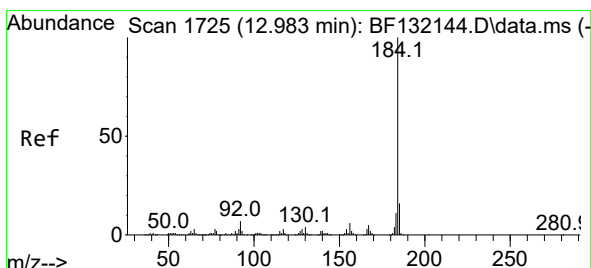
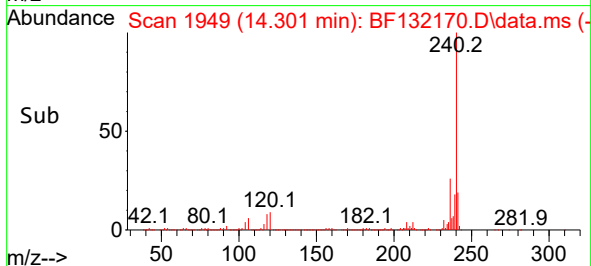
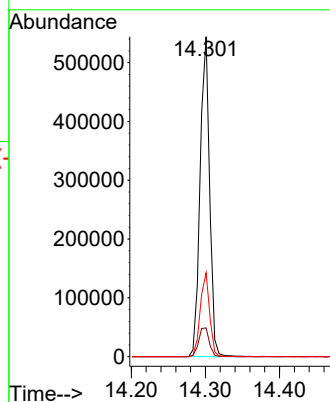
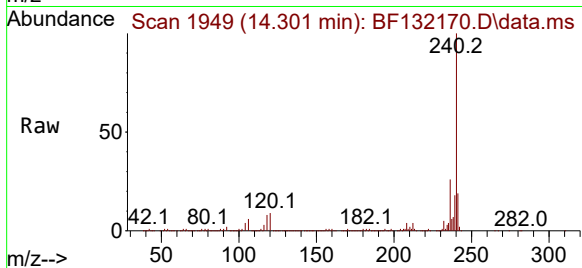
Tgt Ion:240 Resp: 482863

Ion Ratio Lower Upper

240 100

120 9.0 6.9 10.3

236 26.2 20.3 30.5



#77

Benzidine

Concen: 2.589 ng

RT: 13.236 min Scan# 1768

Delta R.T. 0.253 min

Lab File: BF132170.D

Acq: 20 Jan 2023 20:03

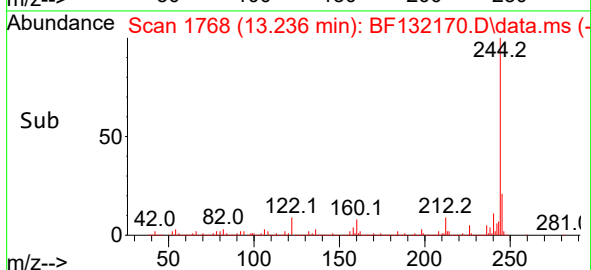
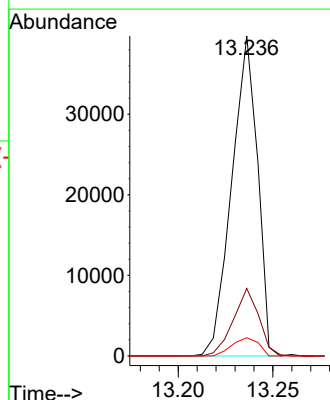
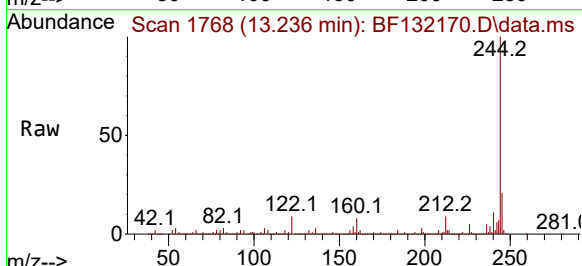
Tgt Ion:184 Resp: 37531

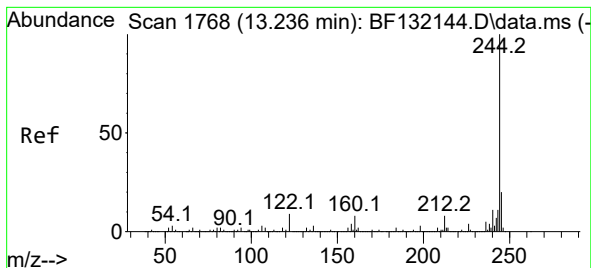
Ion Ratio Lower Upper

184 100

185 21.1 12.5 18.7#

183 5.7 9.0 13.4#





#79

Terphenyl-d14

Concen: 79.728 ng

RT: 13.236 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132170.D

Acq: 20 Jan 2023 20:03

Instrument :

BNA_F

ClientSampleId :

B-P34A

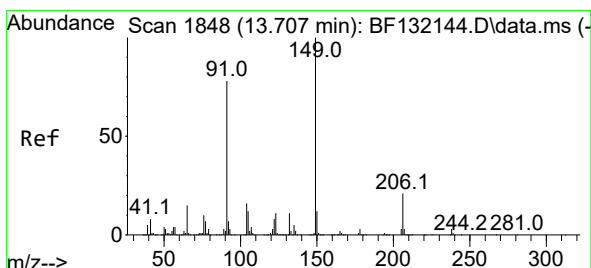
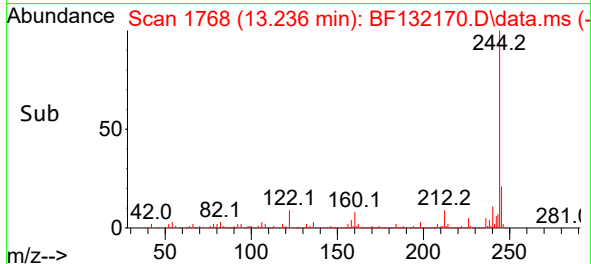
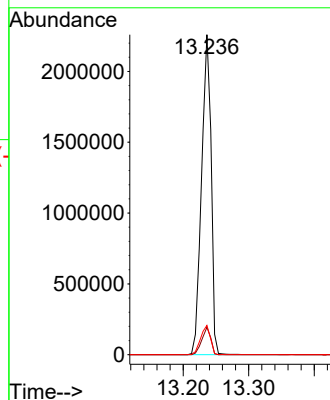
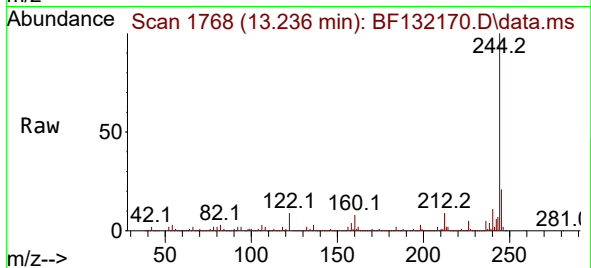
Tgt Ion:244 Resp: 2298218

Ion Ratio Lower Upper

244 100

212 8.6 6.7 10.1

122 9.1 7.4 11.2



#80

Butylbenzylphthalate

Concen: 2.930 ng

RT: 13.695 min Scan# 1846

Delta R.T. -0.012 min

Lab File: BF132170.D

Acq: 20 Jan 2023 20:03

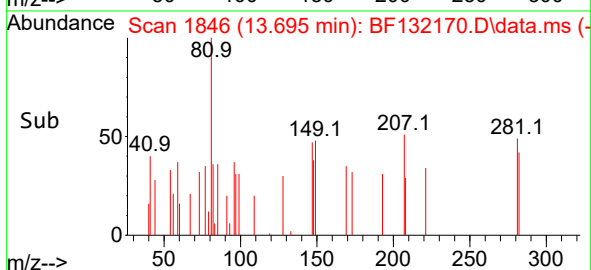
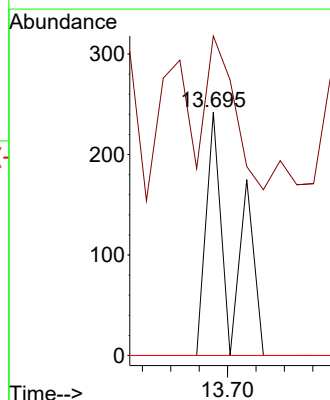
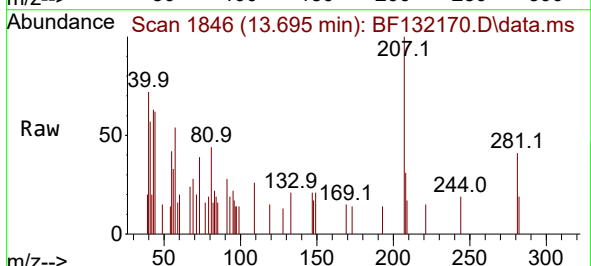
Tgt Ion:149 Resp: 147

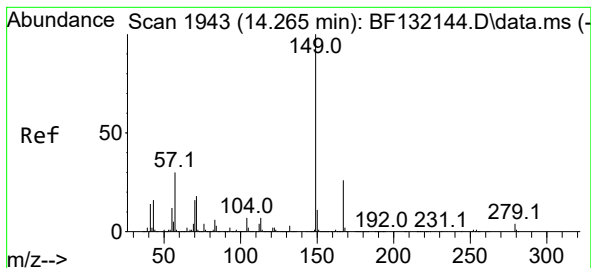
Ion Ratio Lower Upper

149 100

91 131.4 62.6 94.0#

206 0.0 16.4 24.6#

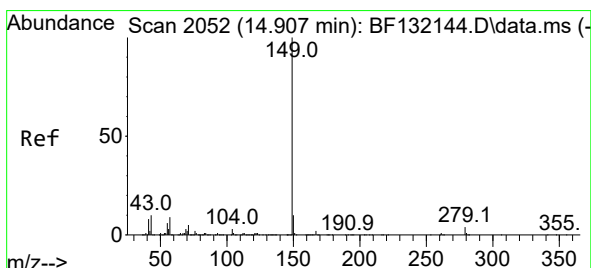
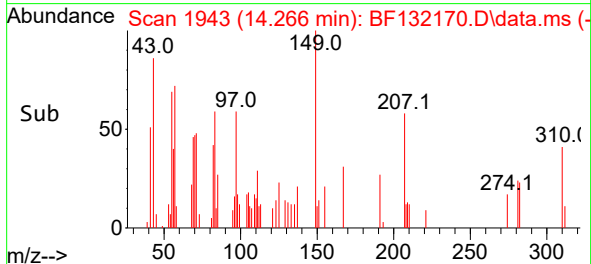
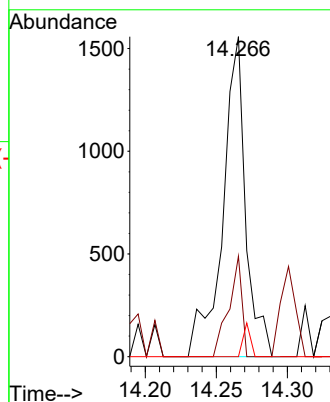
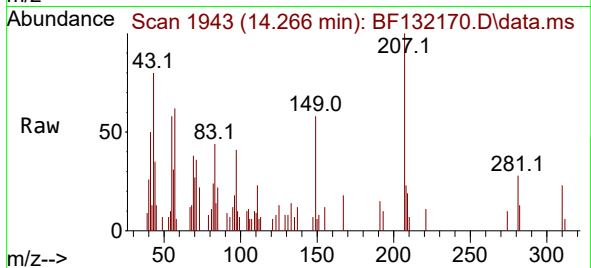




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.575 ng
RT: 14.266 min Scan# 1943
Delta R.T. 0.001 min
Lab File: BF132170.D
Acq: 20 Jan 2023 20:03

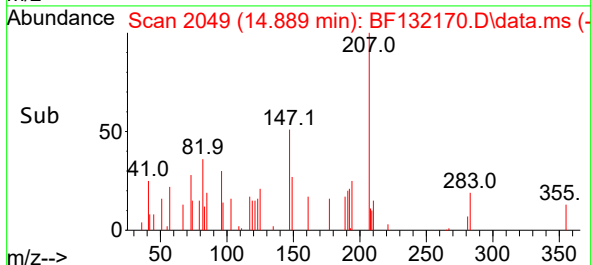
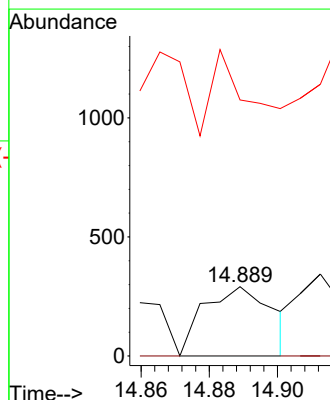
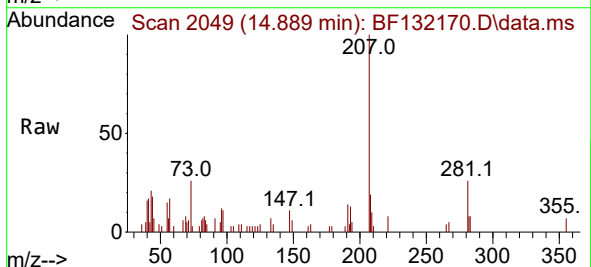
Instrument :
BNA_F
ClientSampleId :
B-P34A

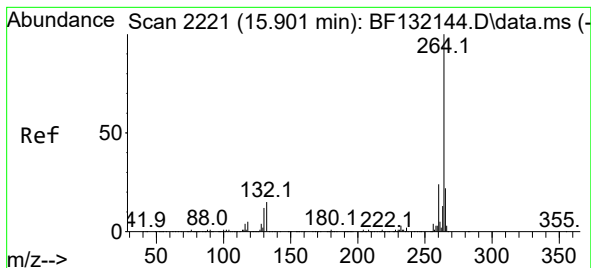
Tgt Ion:149 Resp: 1742
Ion Ratio Lower Upper
149 100
167 31.4 21.0 31.6
279 0.0 3.2 4.8#



#85
Di-n-octyl phthalate
Concen: 5.352 ng
RT: 14.889 min Scan# 2049
Delta R.T. -0.018 min
Lab File: BF132170.D
Acq: 20 Jan 2023 20:03

Tgt Ion:149 Resp: 405
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 8.4 12.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.895 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132170.D

Acq: 20 Jan 2023 20:03

Instrument :

BNA_F

ClientSampleId :

B-P34A

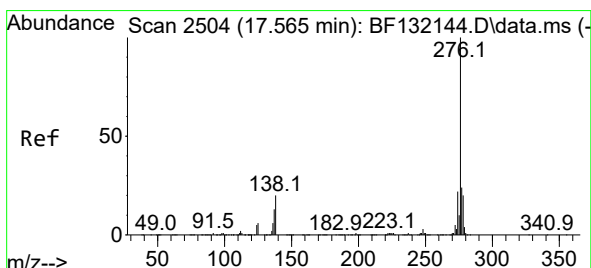
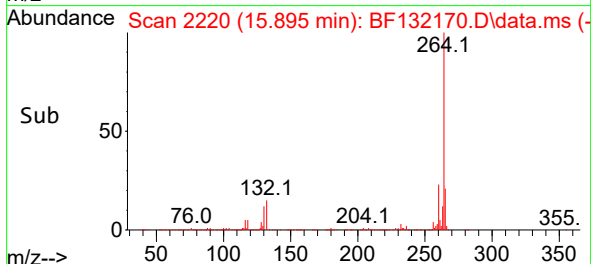
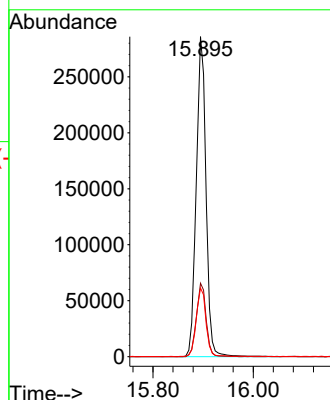
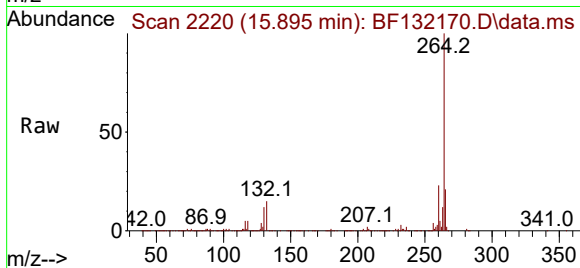
Tgt Ion:264 Resp: 384782

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 21.5 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.339 ng

RT: 17.559 min Scan# 2503

Delta R.T. -0.006 min

Lab File: BF132170.D

Acq: 20 Jan 2023 20:03

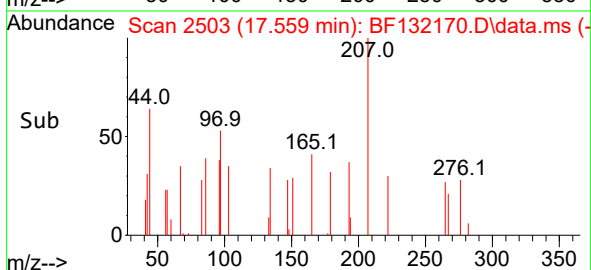
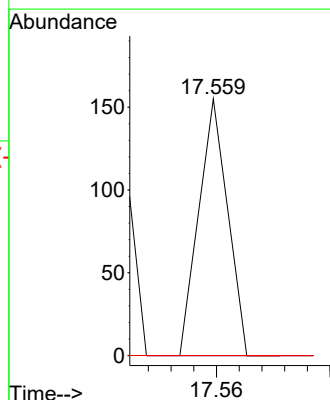
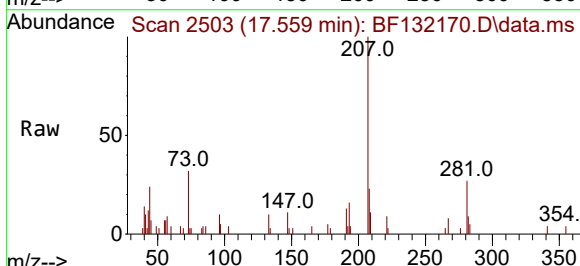
Tgt Ion:276 Resp: 55

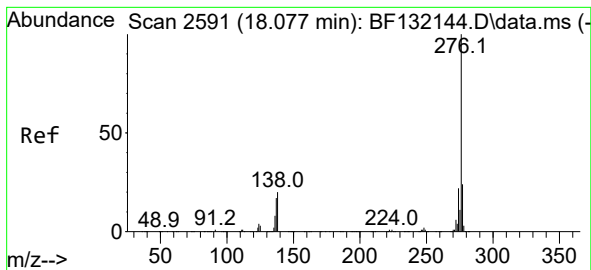
Ion Ratio Lower Upper

276 100

138 0.0 17.9 26.9#

277 0.0 20.2 30.2#





#92
 Benzo(g,h,i)perylene
 Concen: 2.300 ng
 RT: 18.042 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BF132170.D
 Acq: 20 Jan 2023 20:03

Instrument :
 BNA_F
 ClientSampleId :
 B-P34A

Tgt Ion:	276	Resp:	72
Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.9	28.3#
138	0.0	15.7	23.5#

