

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112322\
 Data File : BP012718.D
 Acq On : 23 Nov 2022 19:31
 Operator : CG/JU
 Sample : N5758-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-13

Quant Time: Nov 24 02:33:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 00:38:14 2022
 Response via : Initial Calibration

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

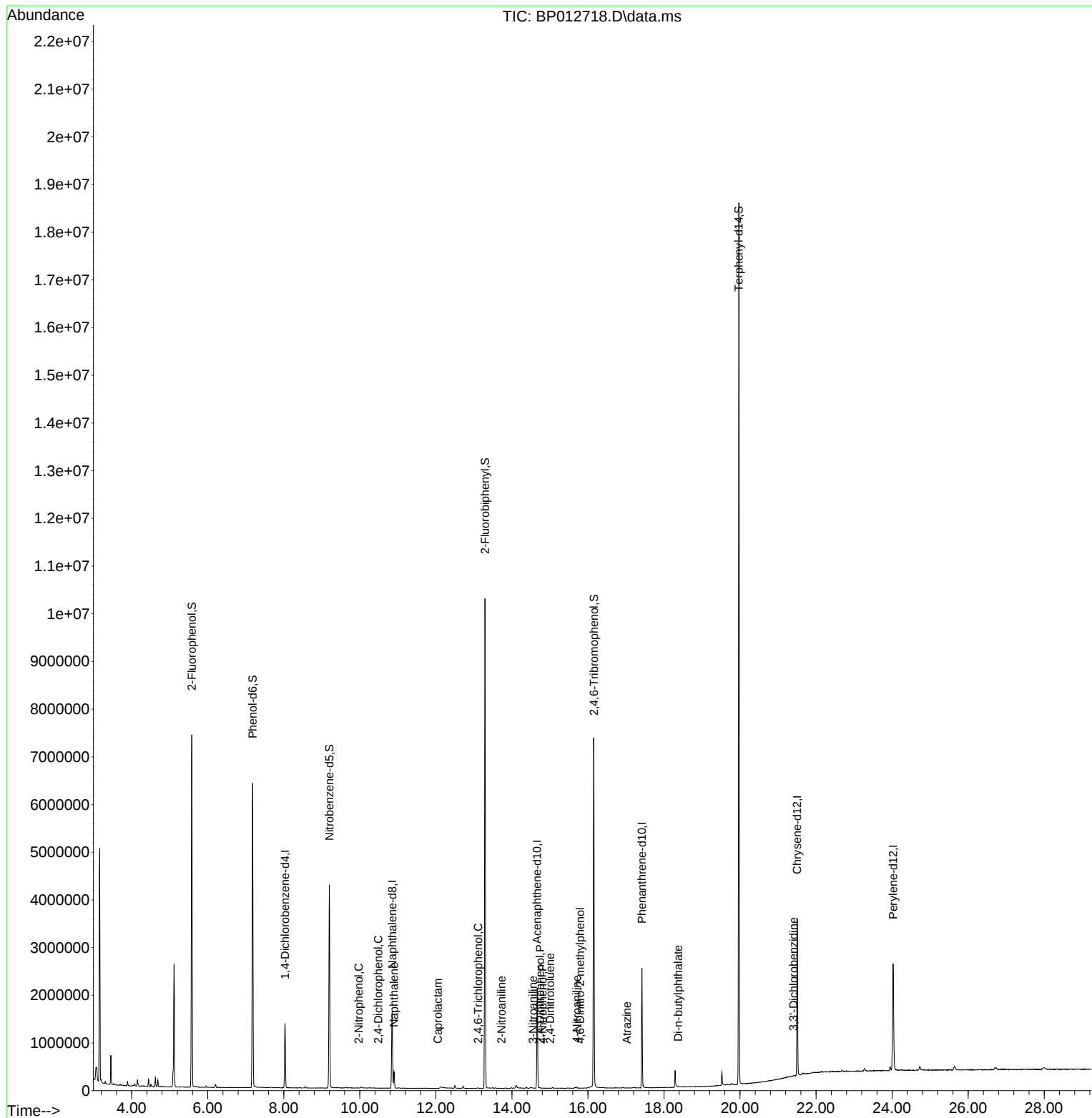
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	365224	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	1353743	20.000	ng	0.00
39) Acenaphthene-d10	14.663	164	726668	20.000	ng	0.00
64) Phenanthrene-d10	17.422	188	1455900	20.000	ng	0.00
76) Chrysene-d12	21.504	240	1603870	20.000	ng	0.00
86) Perylene-d12	24.027	264	1751518	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	3287257	194.993	ng	0.00
7) Phenol-d6	7.181	99	3805512	157.403	ng	0.00
23) Nitrobenzene-d5	9.198	82	2287832	94.253	ng	0.00
42) 2,4,6-Tribromophenol	16.157	330	1441994	151.264	ng	0.00
45) 2-Fluorobiphenyl	13.292	172	5290562	103.723	ng	0.00
79) Terphenyl-d14	19.969	244	8752674	115.986	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.175	77	6605	Below Cal	#	10
26) 2-Nitrophenol	9.969	139	95	4.418 ng	#	1
29) 2,4-Dichlorophenol	10.487	162	43	2.207 ng	#	1
31) Naphthalene	10.898	128	279767	3.808 ng		98
35) Caprolactam	12.051	113	139	2.772 ng		99
43) 2,4,6-Trichlorophenol	13.116	196	29	4.185 ng	#	65
48) 2-Nitroaniline	13.728	65	102	4.815 ng	#	31
53) 3-Nitroaniline	14.557	138	39	3.679 ng	#	1
54) 2,4-Dinitrophenol	14.745	184	11	3.023 ng	#	1
56) 4-Nitrophenol	14.804	139	92	5.707 ng	#	41
57) 2,4-Dinitrotoluene	15.004	165	73	3.557 ng	#	85
62) 4-Nitroaniline	15.710	138	278	4.627 ng	#	73
65) 4,6-Dinitro-2-methylph...	15.798	198	42	3.690 ng	#	1
69) Atrazine	17.022	200	52	4.030 ng		69
74) Di-n-butylphthalate	18.369	149	6105	5.772 ng		97
80) Butylbenzylphthalate	20.510	149	238	Below Cal		94
82) 3,3'-Dichlorobenzidine	21.410	252	109	8.620 ng	#	61
84) Bis(2-ethylhexyl)phtha...	21.268	149	219	Below Cal		99
85) Di-n-octyl phthalate	22.374	149	217	Below Cal	#	1

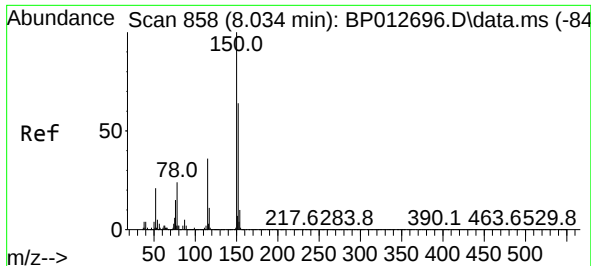
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112322\
Data File : BP012718.D
Acq On : 23 Nov 2022 19:31
Operator : CG/JU
Sample : N5758-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-13

Quant Time: Nov 24 02:33:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 00:38:14 2022
Response via : Initial Calibration

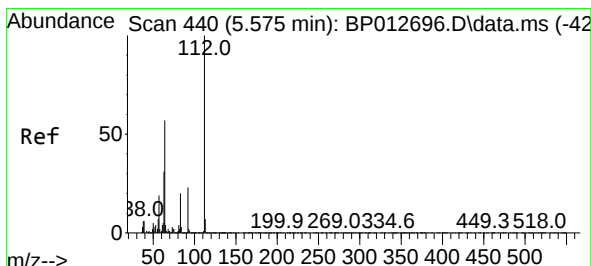
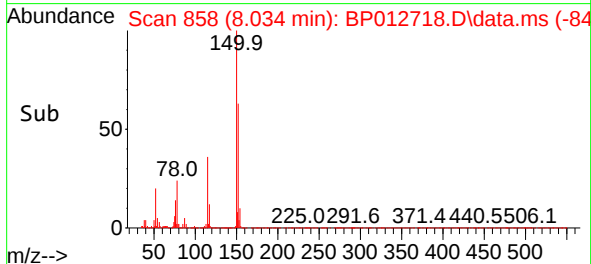
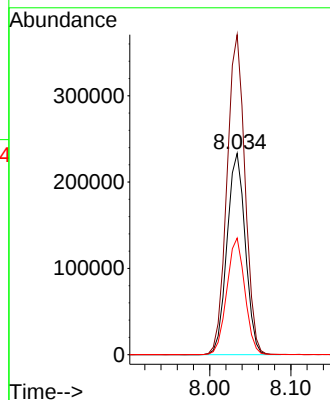
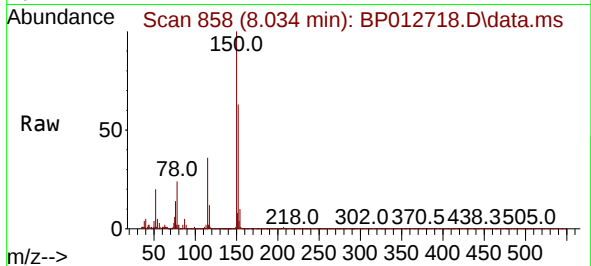




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.034 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP012718.D
Acq: 23 Nov 2022 19:31

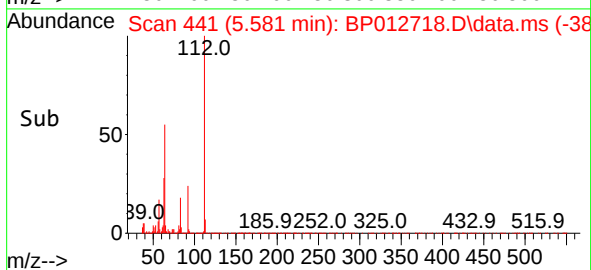
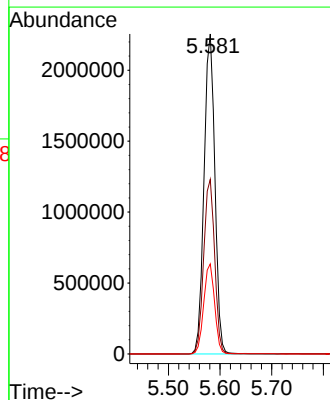
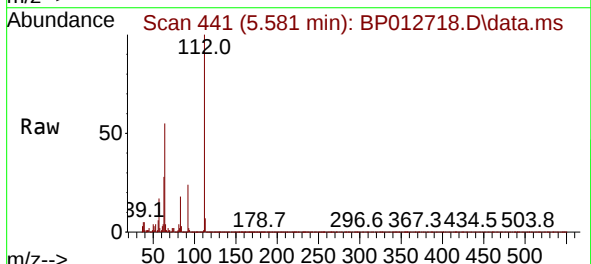
Instrument :
BNA_P
ClientSampleId :
MH-13

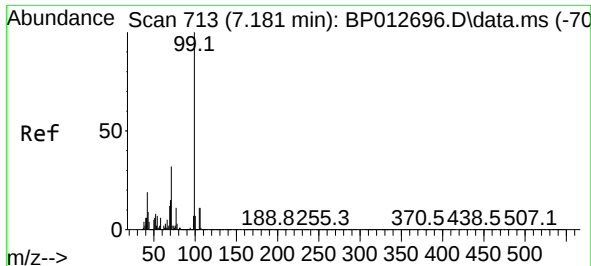
Tgt Ion:152 Resp: 365224
Ion Ratio Lower Upper
152 100
150 159.0 126.0 189.0
115 57.9 44.9 67.3



#5
2-Fluorophenol
Concen: 194.993 ng
RT: 5.581 min Scan# 441
Delta R.T. 0.006 min
Lab File: BP012718.D
Acq: 23 Nov 2022 19:31

Tgt Ion:112 Resp: 3287257
Ion Ratio Lower Upper
112 100
64 54.5 45.4 68.0
63 28.1 24.6 37.0

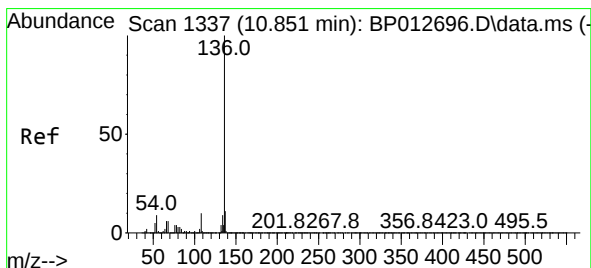
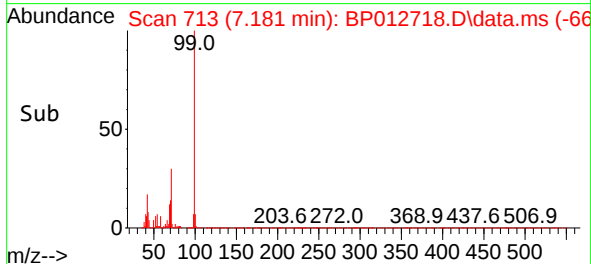
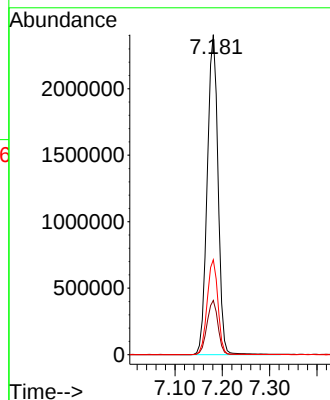
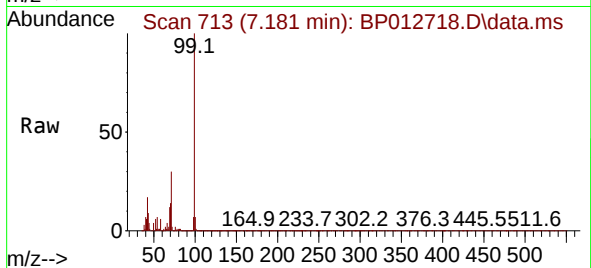




#7
Phenol-d6
Concen: 157.403 ng
RT: 7.181 min Scan# 713
Delta R.T. -0.000 min
Lab File: BP012718.D
Acq: 23 Nov 2022 19:31

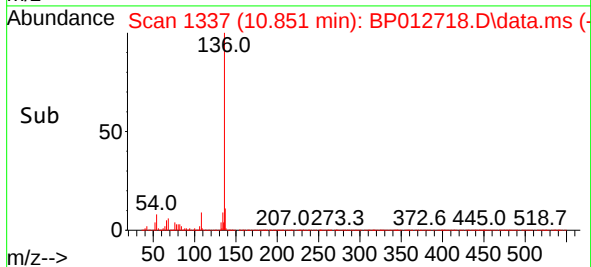
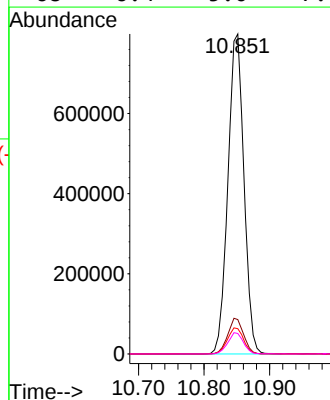
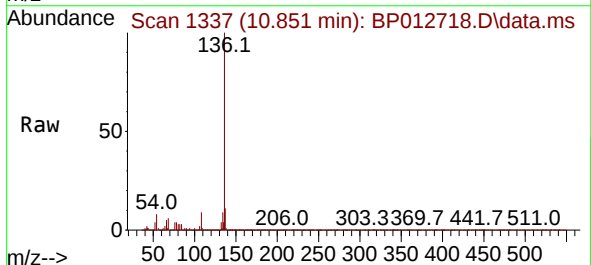
Instrument :
BNA_P
ClientSampleId :
MH-13

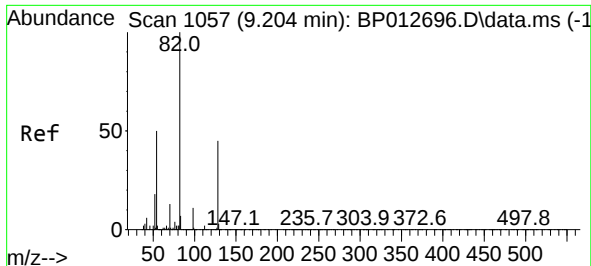
Tgt Ion: 99 Resp: 3805512
Ion Ratio Lower Upper
99 100
42 17.0 15.0 22.6
71 29.7 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BP012718.D
Acq: 23 Nov 2022 19:31

Tgt Ion:136 Resp: 1353743
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.9 6.9 10.3
68 6.4 5.0 7.6





#23

Nitrobenzene-d5

Concen: 94.253 ng

RT: 9.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP012718.D

Acq: 23 Nov 2022 19:31

Instrument :

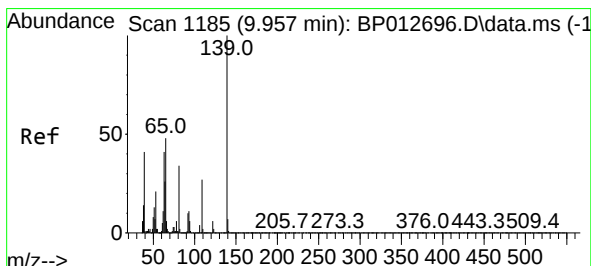
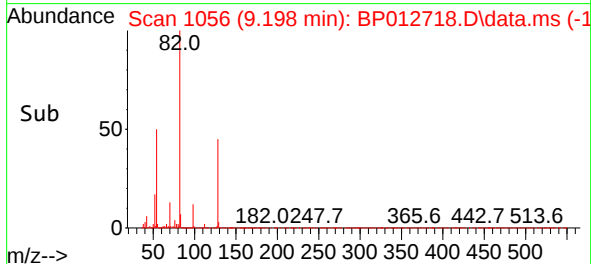
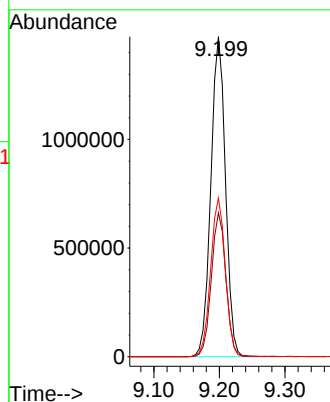
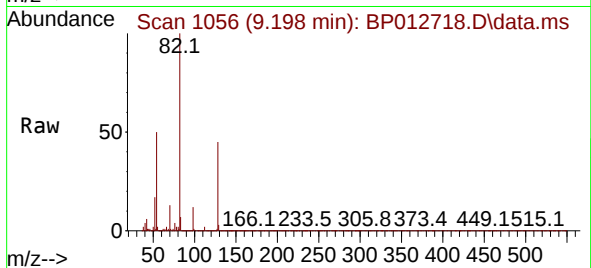
BNA_P

ClientSampleId :

MH-13

Tgt Ion: 82 Resp: 2287832

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.6	53.4
54	49.6	40.3	60.5



#26

2-Nitrophenol

Concen: 4.418 ng

RT: 9.969 min Scan# 1187

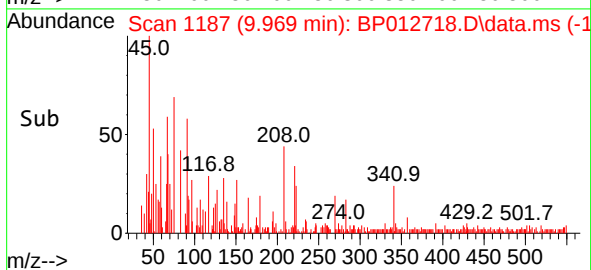
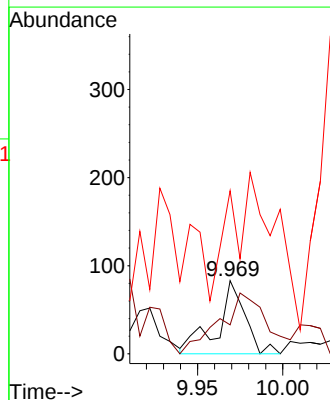
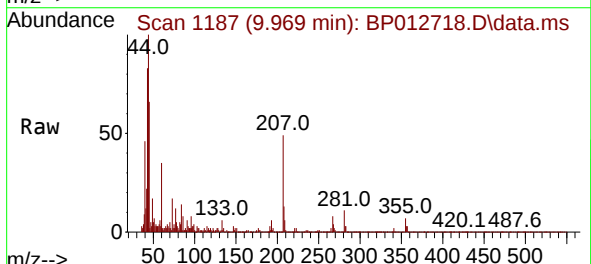
Delta R.T. 0.012 min

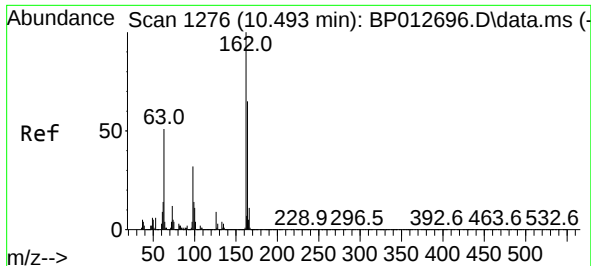
Lab File: BP012718.D

Acq: 23 Nov 2022 19:31

Tgt Ion: 139 Resp: 95

Ion	Ratio	Lower	Upper
139	100		
109	36.7	21.5	32.3#
65	205.6	38.3	57.5#





#29

2,4-Dichlorophenol

Concen: 2.207 ng

RT: 10.487 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP012718.D

Acq: 23 Nov 2022 19:31

Instrument :

BNA_P

ClientSampleId :

MH-13

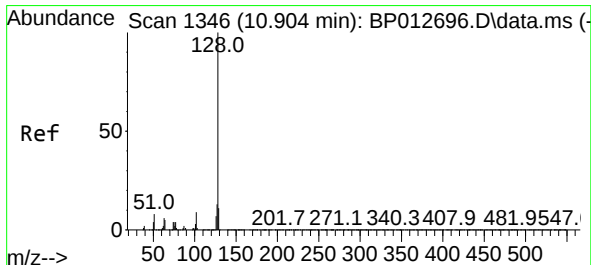
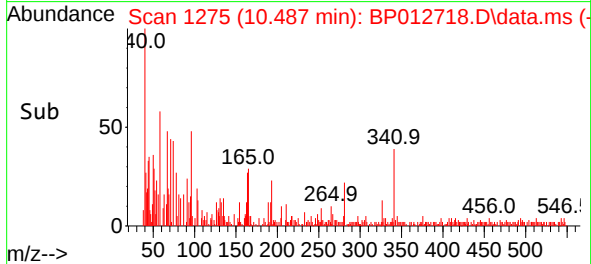
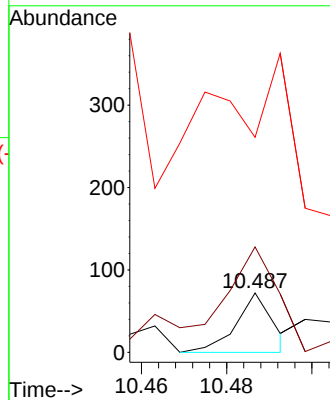
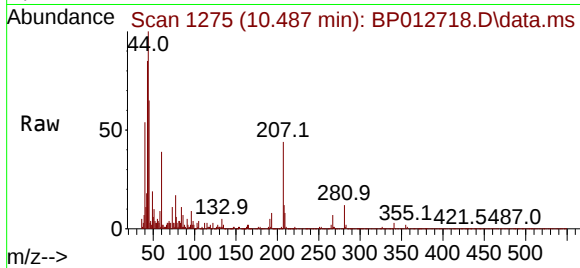
Tgt Ion:162 Resp: 43

Ion Ratio Lower Upper

162 100

164 177.8 44.9 84.9#

98 362.5 12.5 52.5#



#31

Naphthalene

Concen: 3.808 ng

RT: 10.898 min Scan# 1345

Delta R.T. -0.006 min

Lab File: BP012718.D

Acq: 23 Nov 2022 19:31

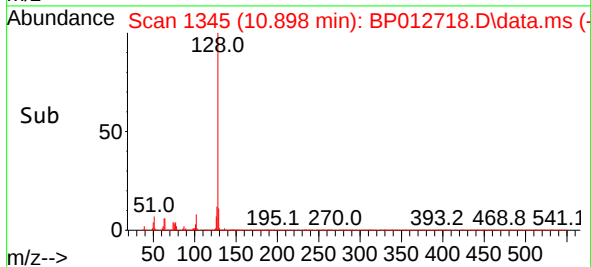
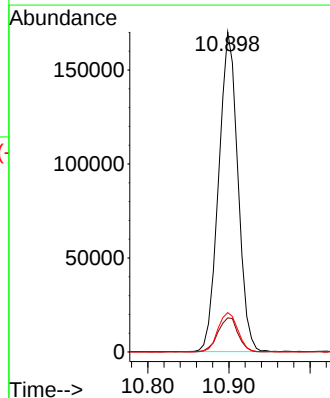
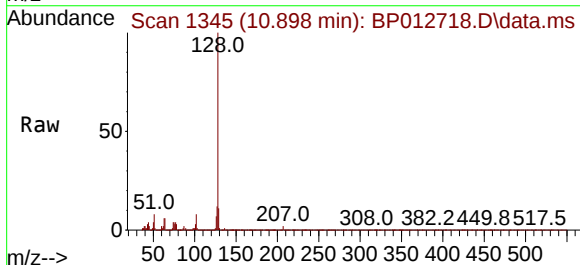
Tgt Ion:128 Resp: 279767

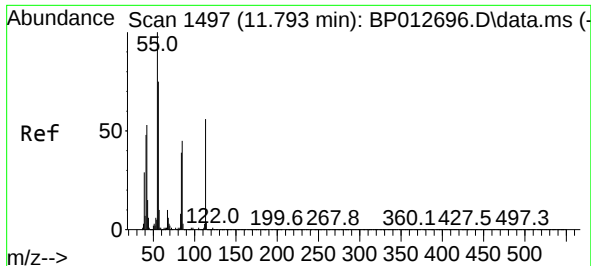
Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

127 12.3 10.5 15.7

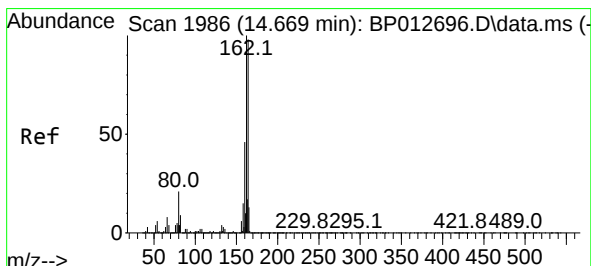
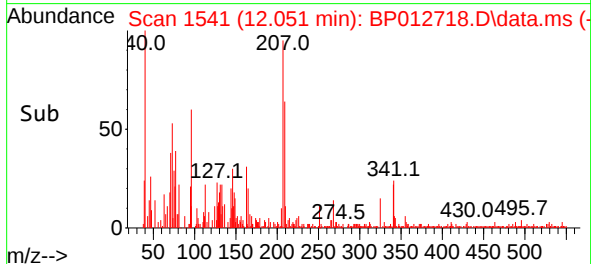
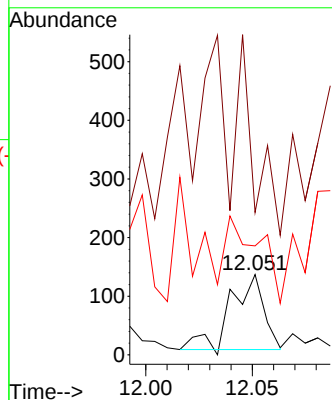
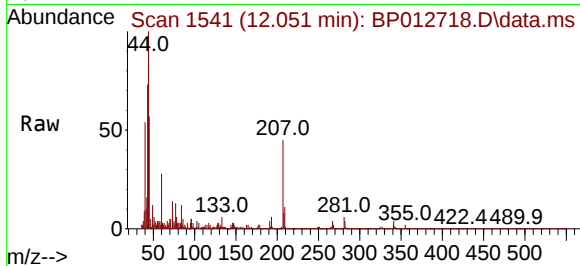




#35
Caprolactam
Concen: 2.772 ng
RT: 12.051 min Scan# 11
Delta R.T. 0.258 min
Lab File: BP012718.D
Acq: 23 Nov 2022 19:31

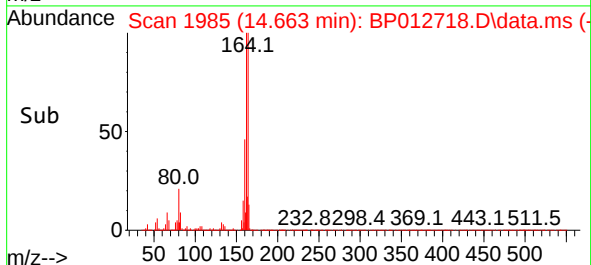
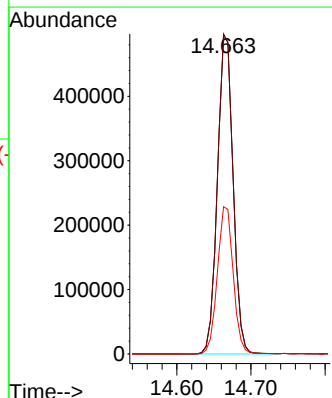
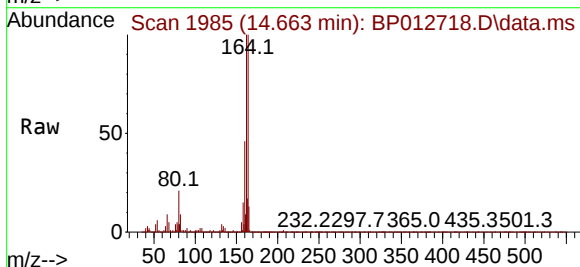
Instrument :
BNA_P
ClientSampleId :
MH-13

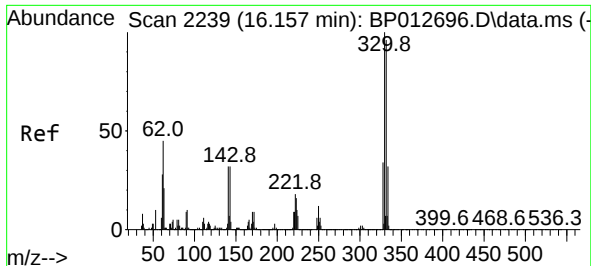
Tgt Ion:113 Resp: 139
Ion Ratio Lower Upper
113 100
55 177.4 158.0 198.0
56 135.8 114.1 154.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP012718.D
Acq: 23 Nov 2022 19:31

Tgt Ion:164 Resp: 726668
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 46.1 37.6 56.4

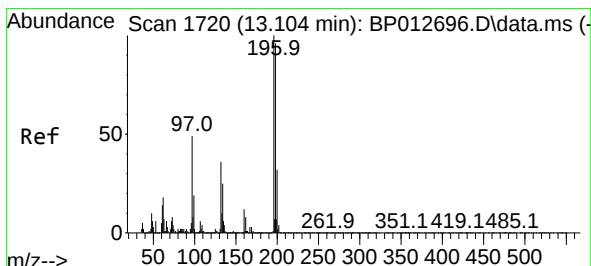
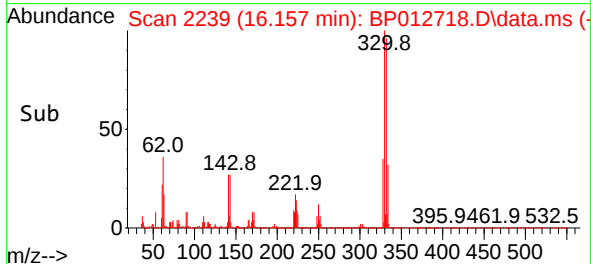
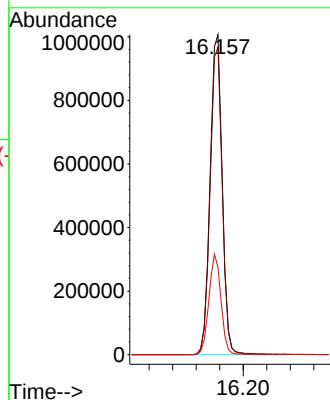
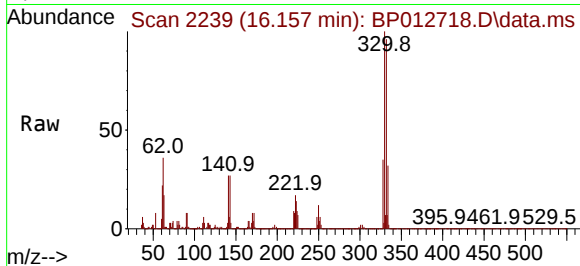




#42
2,4,6-Tribromophenol
Concen: 151.264 ng
RT: 16.157 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP012718.D
Acq: 23 Nov 2022 19:31

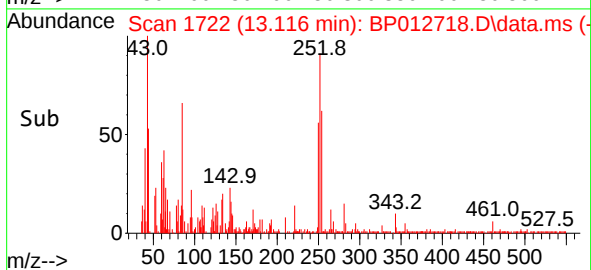
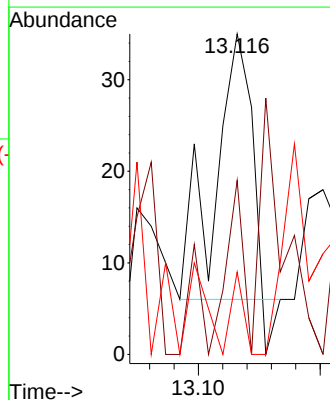
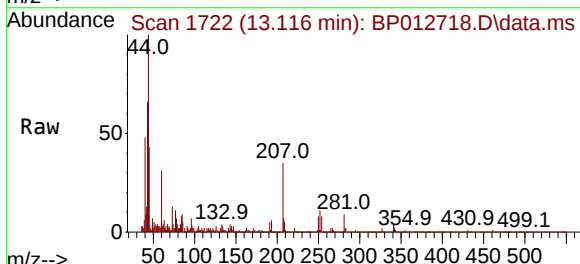
Instrument :
BNA_P
ClientSampleId :
MH-13

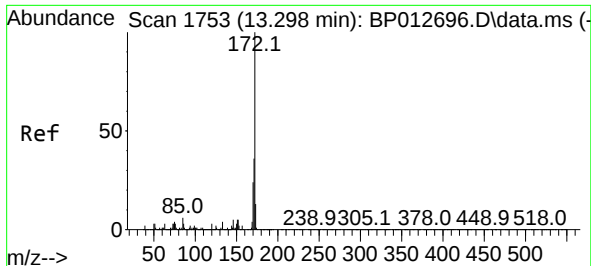
Tgt Ion:330 Resp: 1441994
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 31.3 25.2 37.8



#43
2,4,6-Trichlorophenol
Concen: 4.185 ng
RT: 13.116 min Scan# 1722
Delta R.T. 0.012 min
Lab File: BP012718.D
Acq: 23 Nov 2022 19:31

Tgt Ion:196 Resp: 29
Ion Ratio Lower Upper
196 100
198 54.3 76.6 115.0#
200 25.7 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 103.723 ng

RT: 13.292 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP012718.D

Acq: 23 Nov 2022 19:31

Instrument :

BNA_P

ClientSampleId :

MH-13

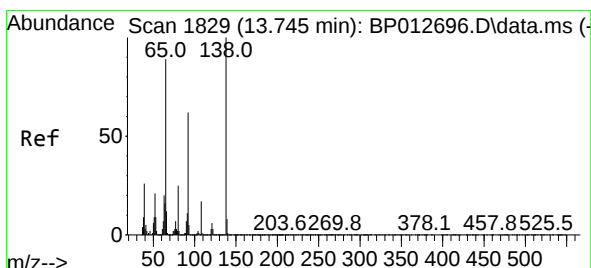
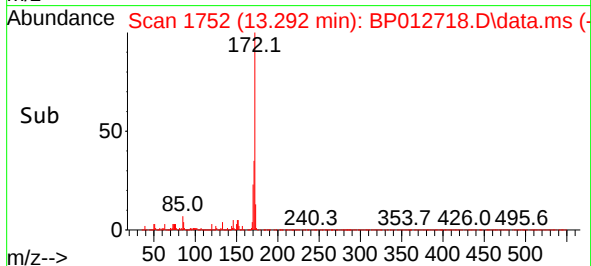
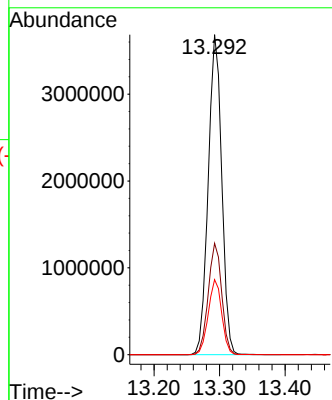
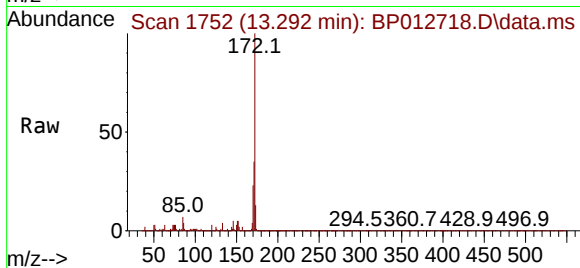
Tgt Ion:172 Resp: 5290562

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.5 19.1 28.7



#48

2-Nitroaniline

Concen: 4.815 ng

RT: 13.728 min Scan# 1826

Delta R.T. -0.017 min

Lab File: BP012718.D

Acq: 23 Nov 2022 19:31

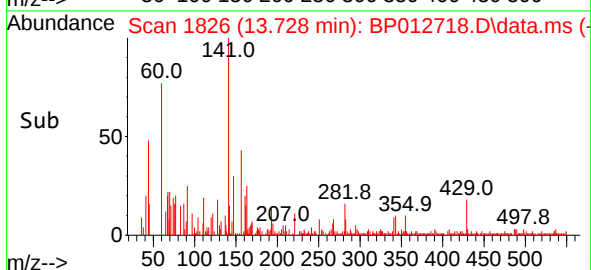
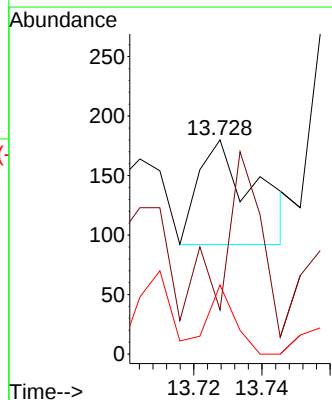
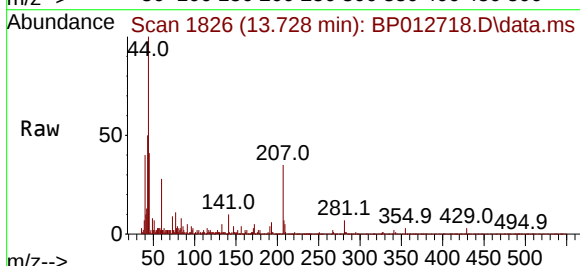
Tgt Ion: 65 Resp: 102

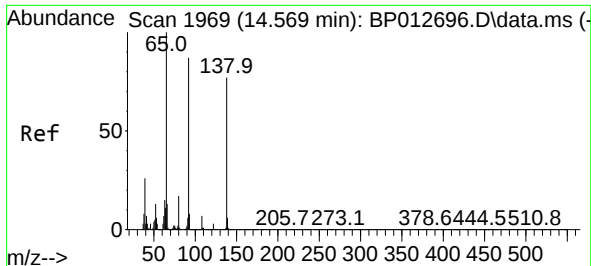
Ion Ratio Lower Upper

65 100

92 20.6 55.4 83.2#

138 32.2 89.5 134.3#

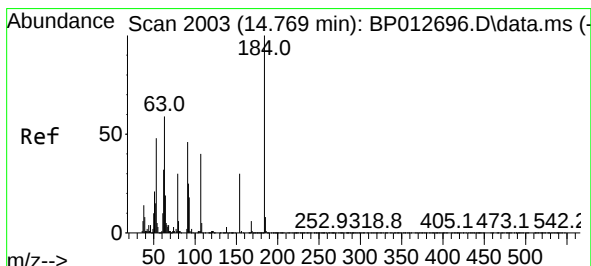
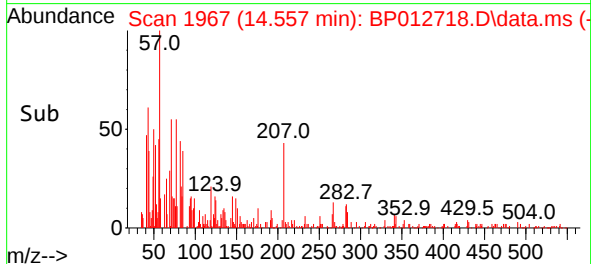
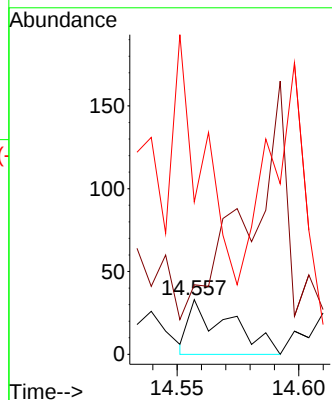
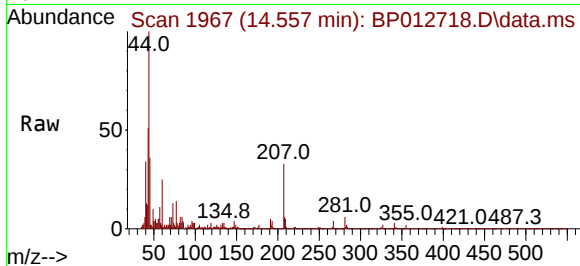




#53
3-Nitroaniline
Concen: 3.679 ng
RT: 14.557 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BP012718.D
Acq: 23 Nov 2022 19:31

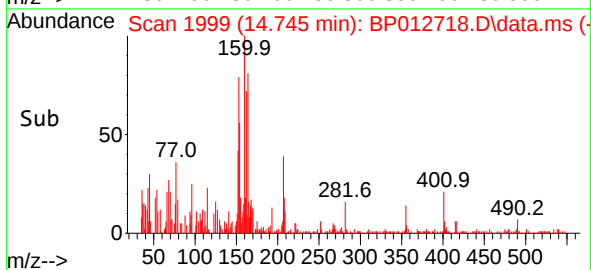
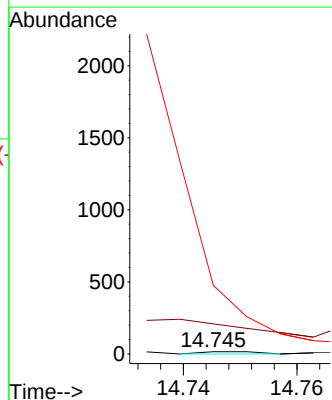
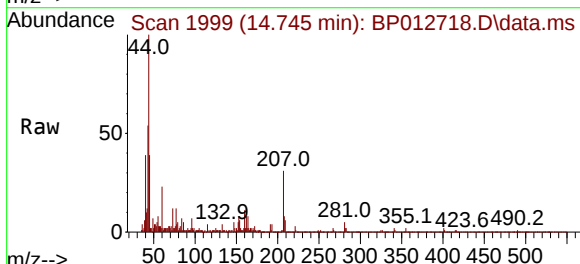
Instrument :
BNA_P
ClientSampleId :
MH-13

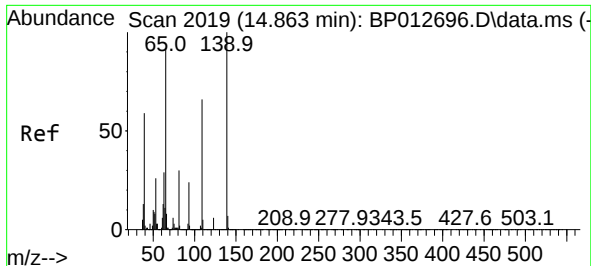
Tgt Ion:138 Resp: 39
Ion Ratio Lower Upper
138 100
108 127.3 7.4 11.2#
92 278.8 91.3 136.9#



#54
2,4-Dinitrophenol
Concen: 3.023 ng
RT: 14.745 min Scan# 1999
Delta R.T. -0.024 min
Lab File: BP012718.D
Acq: 23 Nov 2022 19:31

Tgt Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 1386.7 50.0 75.0#
154 3173.3 45.5 68.3#

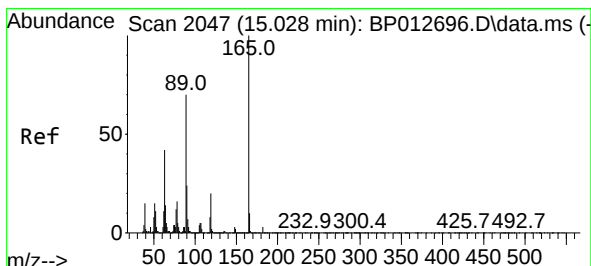
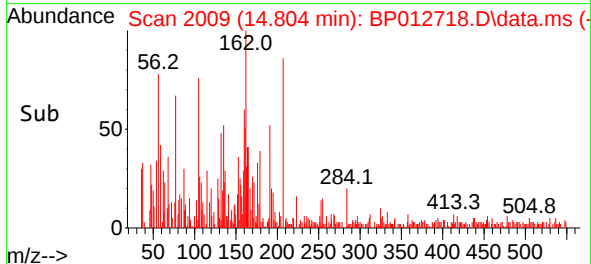
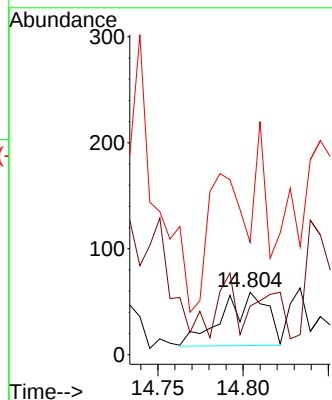
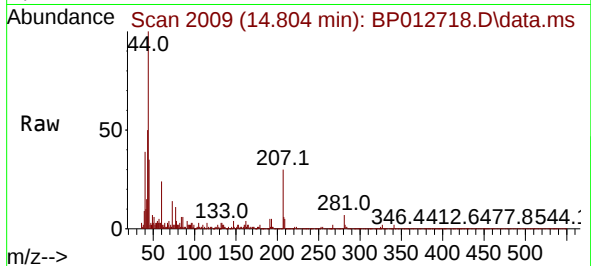




#56
4-Nitrophenol
Concen: 5.707 ng
RT: 14.804 min Scan# 2019
Delta R.T. -0.059 min
Lab File: BP012718.D
Acq: 23 Nov 2022 19:31

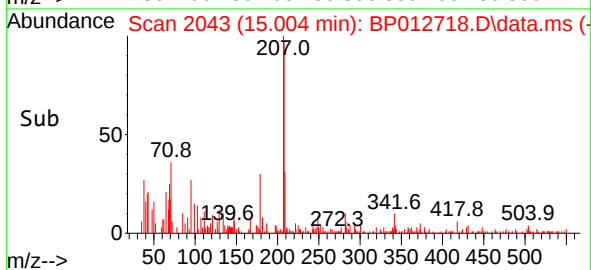
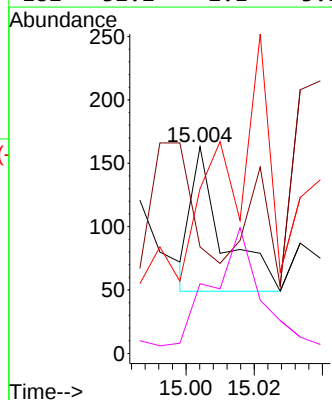
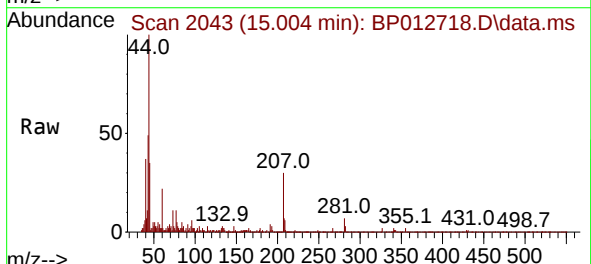
Instrument :
BNA_P
ClientSampleId :
MH-13

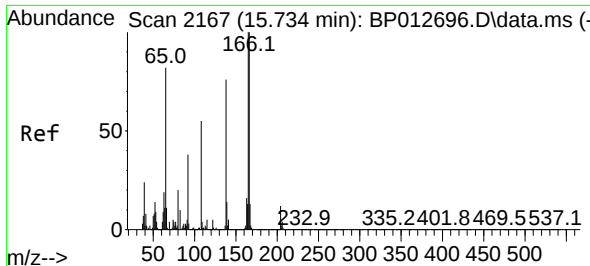
Tgt Ion:139 Resp: 92
Ion Ratio Lower Upper
139 100
109 78.0 46.1 86.1
65 179.7 72.5 112.5#



#57
2,4-Dinitrotoluene
Concen: 3.557 ng
RT: 15.004 min Scan# 2043
Delta R.T. -0.024 min
Lab File: BP012718.D
Acq: 23 Nov 2022 19:31

Tgt Ion:165 Resp: 73
Ion Ratio Lower Upper
165 100
63 49.1 33.7 50.5
89 81.9 56.3 84.5
182 32.2 2.1 3.1#

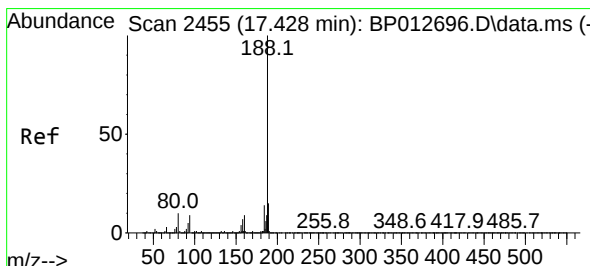
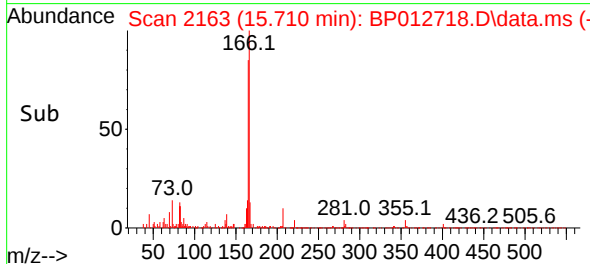
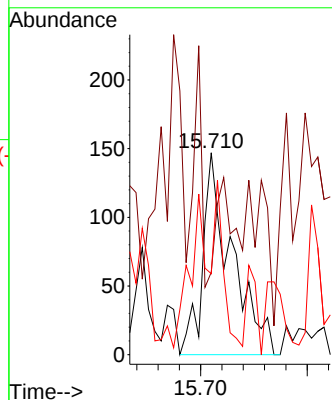
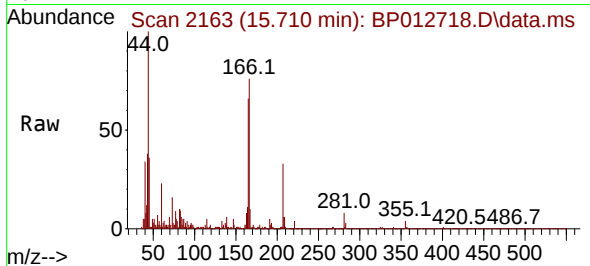




#62
4-Nitroaniline
Concen: 4.627 ng
RT: 15.710 min Scan# 2167
Delta R.T. -0.024 min
Lab File: BP012718.D
Acq: 23 Nov 2022 19:31

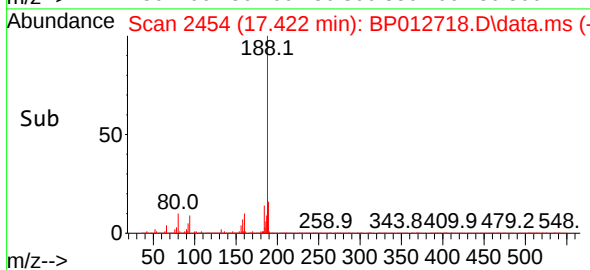
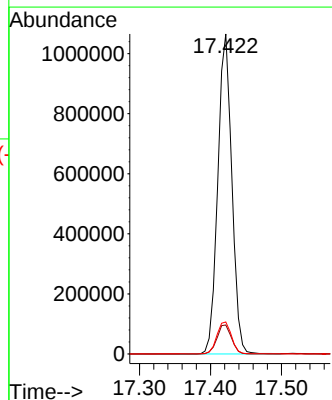
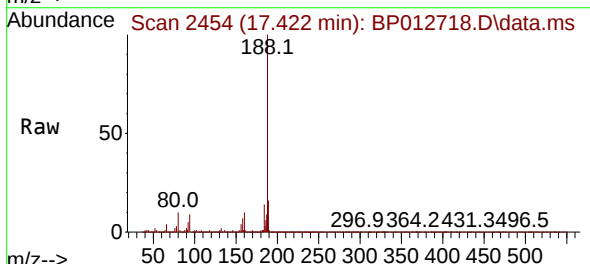
Instrument :
BNA_P
ClientSampleId :
MH-13

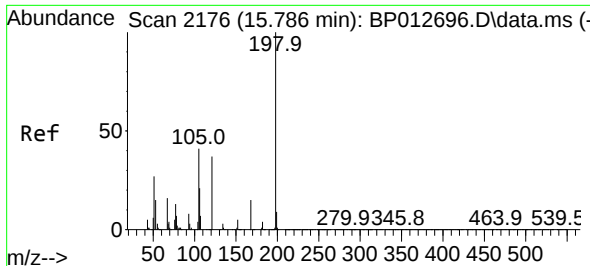
Tgt Ion:138 Resp: 278
Ion Ratio Lower Upper
138 100
92 40.8 29.6 69.6
108 40.1 51.4 91.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.422 min Scan# 2454
Delta R.T. -0.006 min
Lab File: BP012718.D
Acq: 23 Nov 2022 19:31

Tgt Ion:188 Resp: 1455900
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 10.0 7.8 11.6

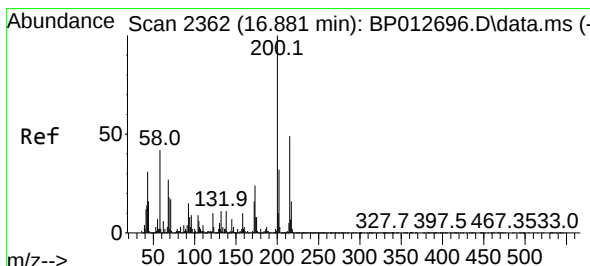
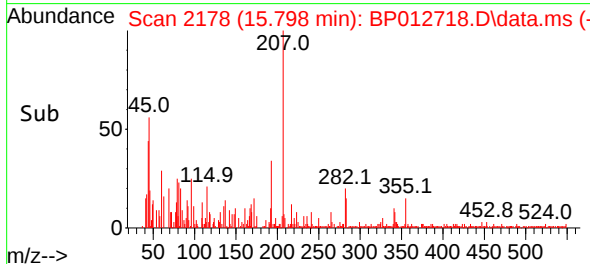
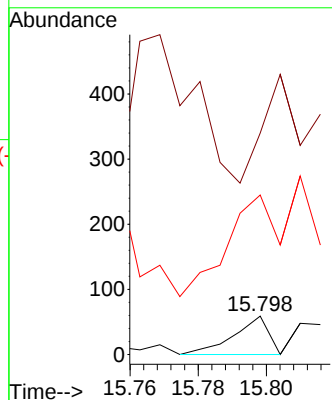
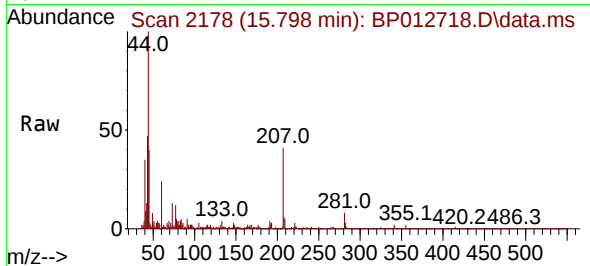




#65
4,6-Dinitro-2-methylphenol
Concen: 3.690 ng
RT: 15.798 min Scan# 2178
Delta R.T. 0.012 min
Lab File: BP012718.D
Acq: 23 Nov 2022 19:31

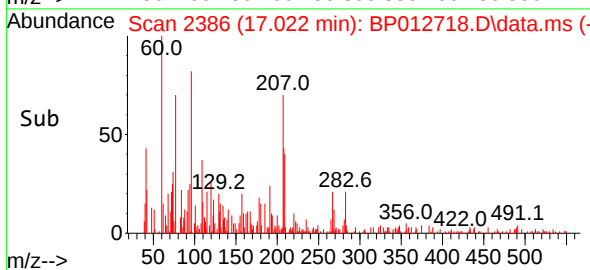
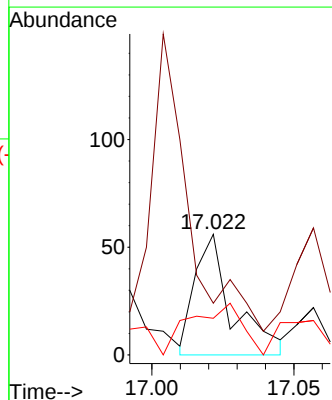
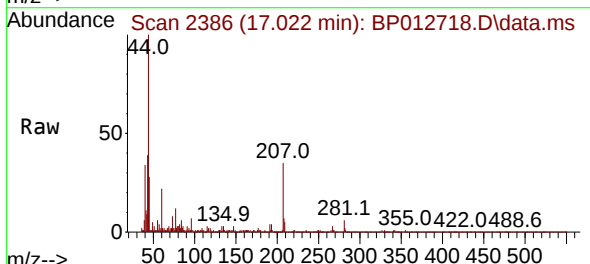
Instrument :
BNA_P
ClientSampleId :
MH-13

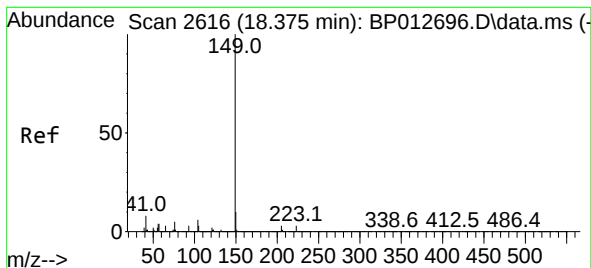
Tgt Ion:198 Resp: 42
Ion Ratio Lower Upper
198 100
51 576.3 25.7 65.7#
105 415.3 22.8 62.8#



#69
Atrazine
Concen: 4.030 ng
RT: 17.022 min Scan# 2386
Delta R.T. 0.141 min
Lab File: BP012718.D
Acq: 23 Nov 2022 19:31

Tgt Ion:200 Resp: 52
Ion Ratio Lower Upper
200 100
173 42.9 4.3 44.3
215 30.4 29.5 69.5





#74

Di-n-butylphthalate

Concen: 5.772 ng

RT: 18.369 min Scan# 2

Delta R.T. -0.006 min

Lab File: BP012718.D

Acq: 23 Nov 2022 19:31

Instrument :

BNA_P

ClientSampleId :

MH-13

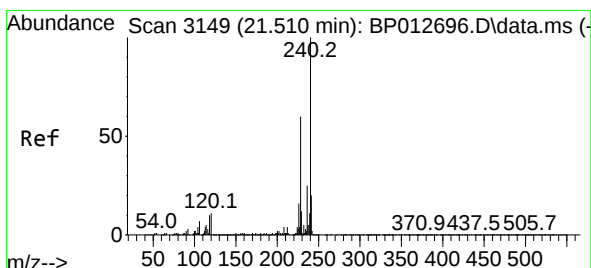
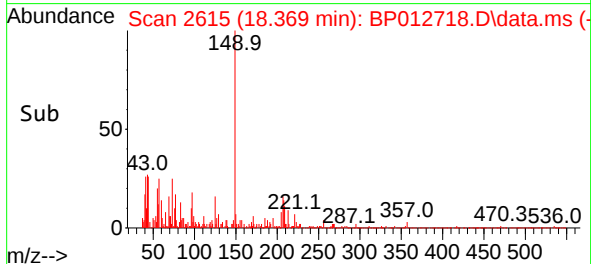
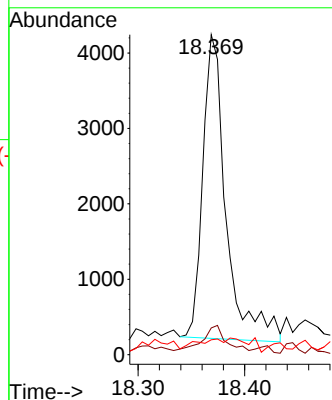
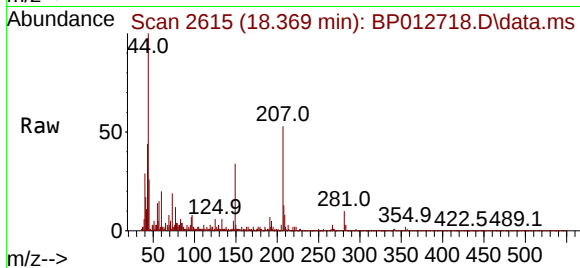
Tgt Ion:149 Resp: 6105

Ion Ratio Lower Upper

149 100

150 8.3 7.7 11.5

104 4.7 4.6 6.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.504 min Scan# 3148

Delta R.T. -0.006 min

Lab File: BP012718.D

Acq: 23 Nov 2022 19:31

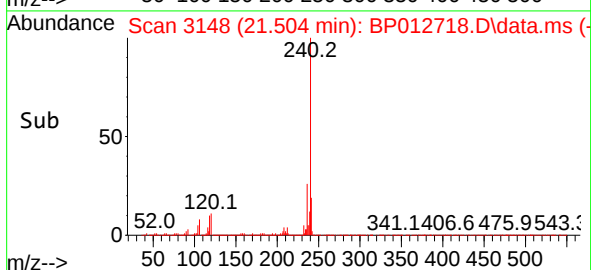
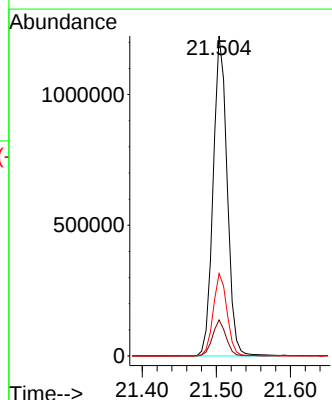
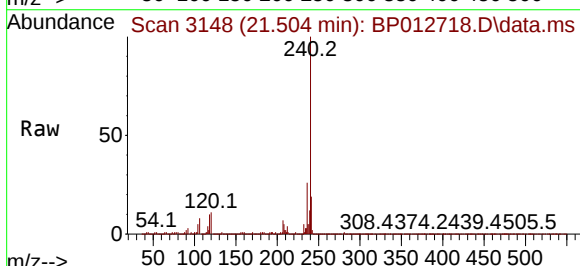
Tgt Ion:240 Resp: 1603870

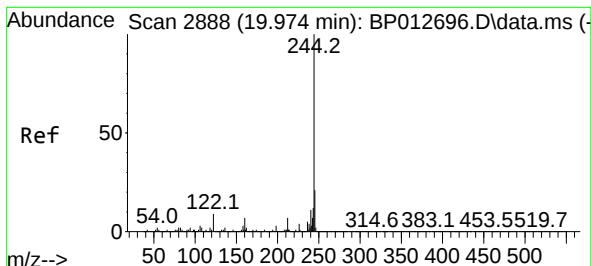
Ion Ratio Lower Upper

240 100

120 11.2 8.6 12.8

236 25.8 20.4 30.6





#79

Terphenyl-d14

Concen: 115.986 ng

RT: 19.969 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP012718.D

Acq: 23 Nov 2022 19:31

Instrument :

BNA_P

ClientSampleId :

MH-13

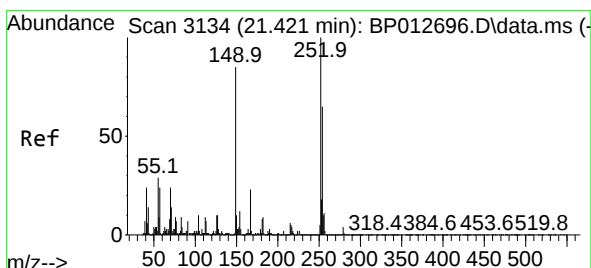
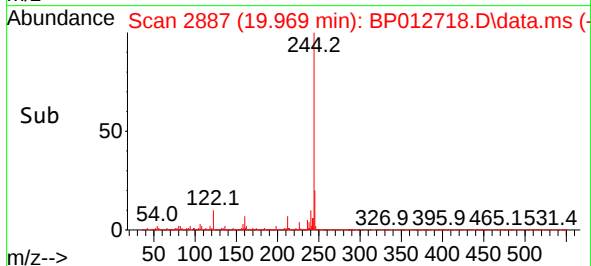
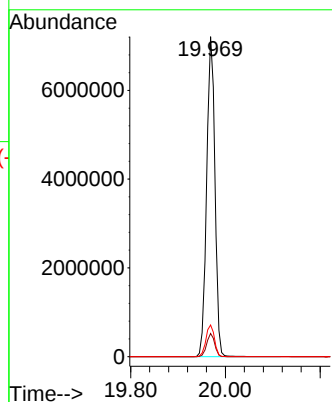
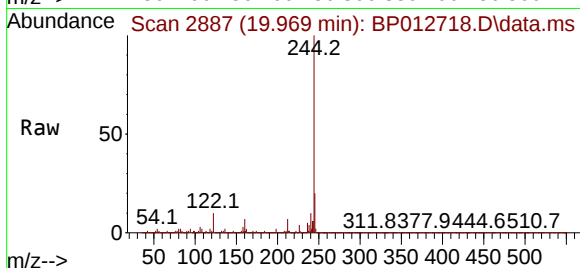
Tgt Ion:244 Resp: 8752674

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 9.9 6.9 10.3



#82

3,3'-Dichlorobenzidine

Concen: 8.620 ng

RT: 21.410 min Scan# 3132

Delta R.T. -0.011 min

Lab File: BP012718.D

Acq: 23 Nov 2022 19:31

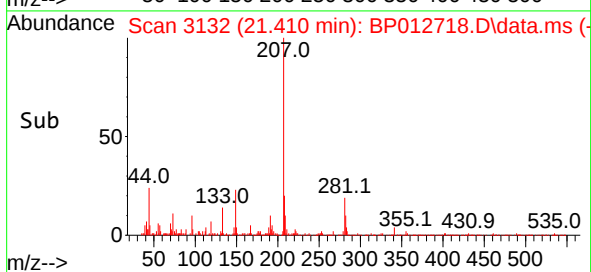
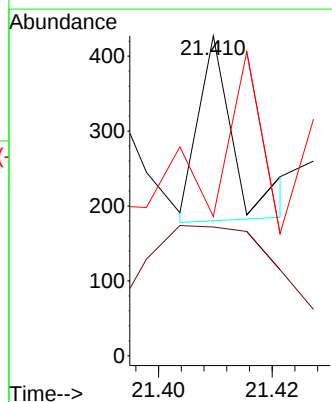
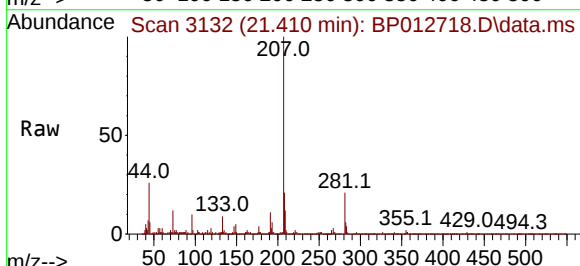
Tgt Ion:252 Resp: 109

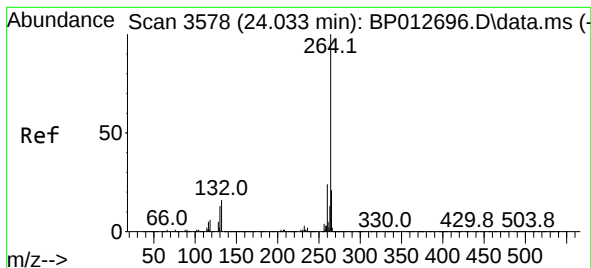
Ion Ratio Lower Upper

252 100

254 40.3 51.7 77.5#

126 43.6 7.7 11.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.027 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP012718.D

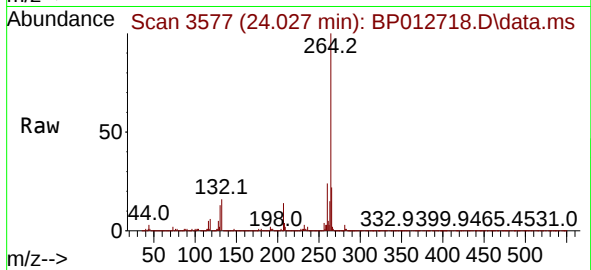
Acq: 23 Nov 2022 19:31

Instrument :

BNA_P

ClientSampleId :

MH-13



Tgt Ion:264 Resp: 1751518

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 21.6 17.1 25.7

