

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112322\
 Data File : BP012714.D
 Acq On : 23 Nov 2022 17:14
 Operator : CG/JU
 Sample : N5749-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-82

Quant Time: Nov 24 02:31:12 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)

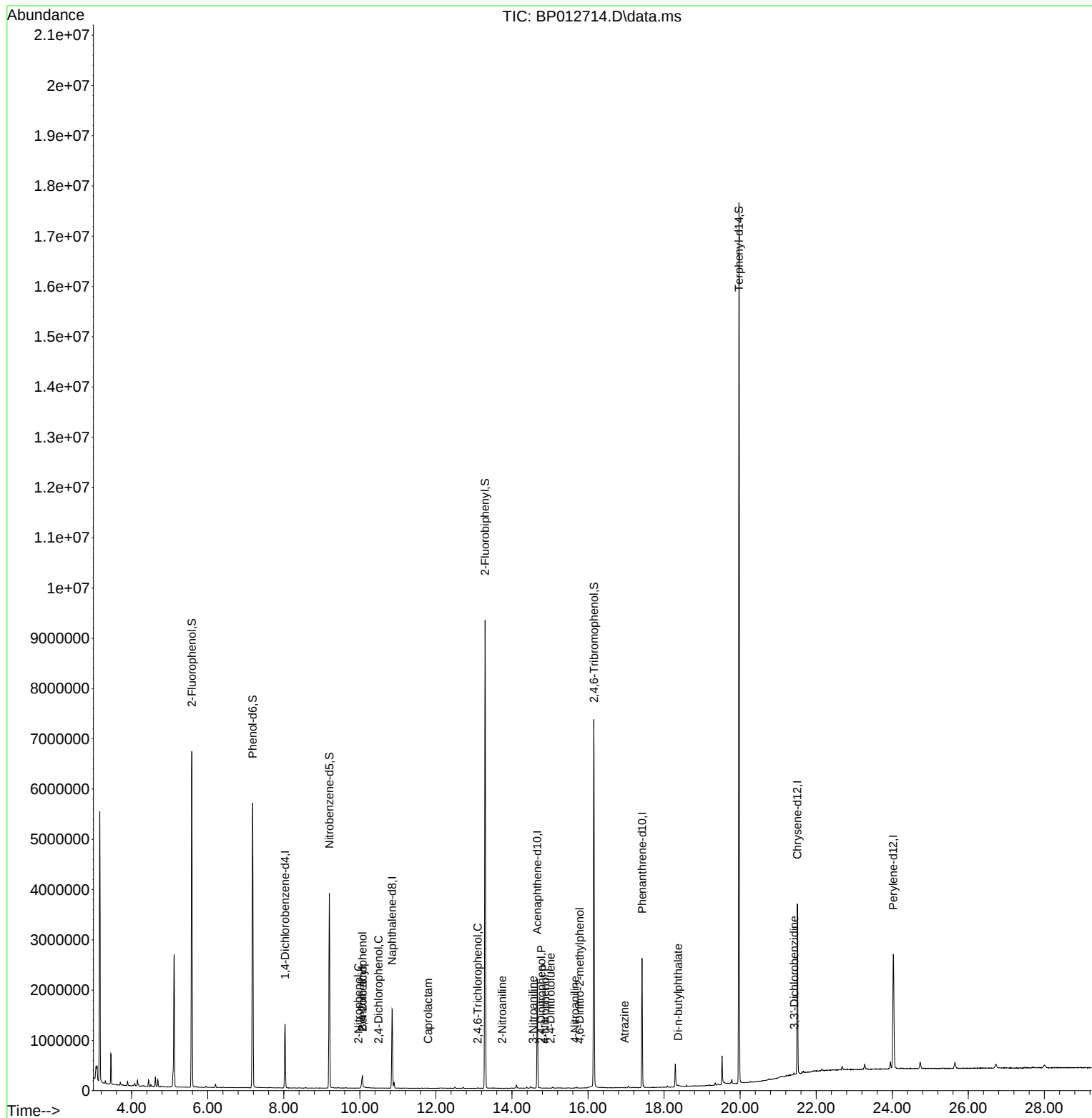
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	354236	20.000	ng	0.00
21) Naphthalene-d8	10.846	136	1319108	20.000	ng	0.00
39) Acenaphthene-d10	14.663	164	744590	20.000	ng	0.00
64) Phenanthrene-d10	17.422	188	1546641	20.000	ng	0.00
76) Chrysene-d12	21.504	240	1690780	20.000	ng	0.00
86) Perylene-d12	24.027	264	1780228	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2982436	182.400	ng	0.00
7) Phenol-d6	7.181	99	3380685	144.168	ng	0.00
23) Nitrobenzene-d5	9.199	82	2135590	90.291	ng	0.00
42) 2,4,6-Tribromophenol	16.157	330	1452272	148.894	ng	0.00
45) 2-Fluorobiphenyl	13.293	172	4846373	92.728	ng	0.00
79) Terphenyl-d14	19.969	244	8658518	108.840	ng	0.00
Target Compounds					Qvalue	
9) Benzaldehyde	7.181	77	6265	Below Cal	#	9
26) 2-Nitrophenol	9.963	139	182	4.428 ng	#	53
27) 2,4-Dimethylphenol	10.069	122	127164	8.551 ng	#	4
29) 2,4-Dichlorophenol	10.493	162	229	2.216 ng	#	1
32) Benzoic acid	10.069	122	127164	22.661 ng		97
35) Caprolactam	11.793	113	823	2.923 ng	#	89
43) 2,4,6-Trichlorophenol	13.099	196	493	4.211 ng	#	60
48) 2-Nitroaniline	13.746	65	471	4.843 ng	#	27
53) 3-Nitroaniline	14.551	138	121	3.685 ng	#	29
54) 2,4-Dinitrophenol	14.775	184	22	3.026 ng	#	1
56) 4-Nitrophenol	14.863	139	363	5.729 ng	#	72
57) 2,4-Dinitrotoluene	15.016	165	219	3.565 ng	#	13
62) 4-Nitroaniline	15.651	138	98	4.614 ng		88
65) 4,6-Dinitro-2-methylph...	15.781	198	236	3.726 ng	#	1
69) Atrazine	16.957	200	61	4.030 ng		73
74) Di-n-butylphthalate	18.369	149	13131	5.845 ng		98
80) Butylbenzylphthalate	20.639	149	1806	Below Cal	#	68
82) 3,3'-Dichlorobenzidine	21.422	252	2048	8.677 ng	#	82
84) Bis(2-ethylhexyl)phtha...	21.410	149	9133	Below Cal	#	97
85) Di-n-octyl phthalate	22.386	149	1665	Below Cal	#	16

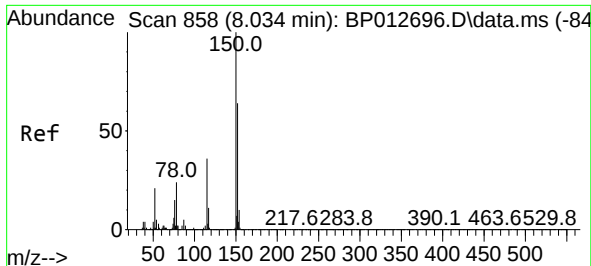
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112322\
Data File : BP012714.D
Acq On : 23 Nov 2022 17:14
Operator : CG/JU
Sample : N5749-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-82

Quant Time: Nov 24 02:31:12 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

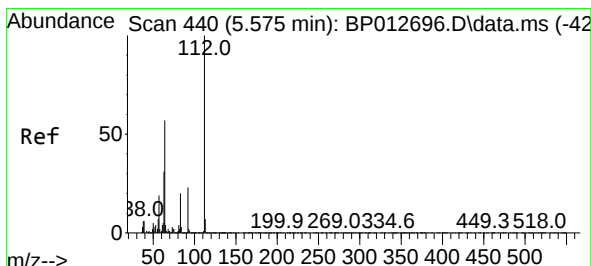
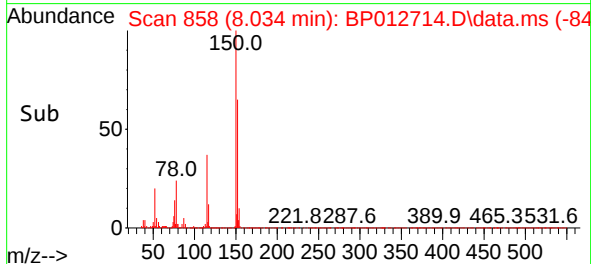
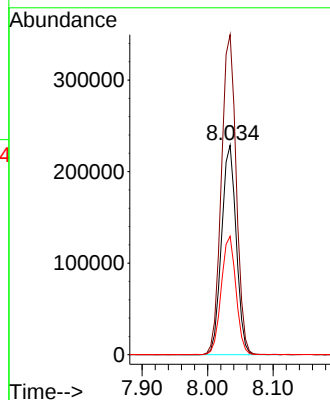
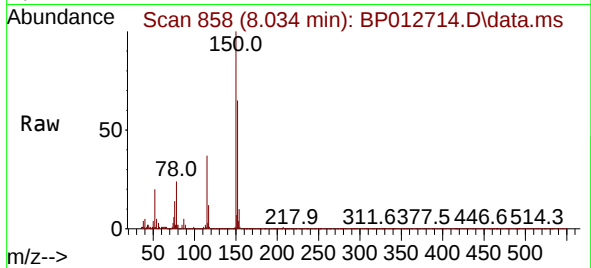




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.034 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP012714.D
Acq: 23 Nov 2022 17:14

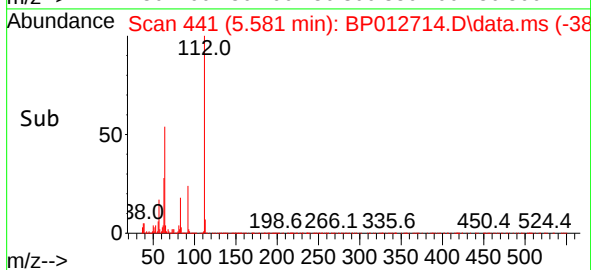
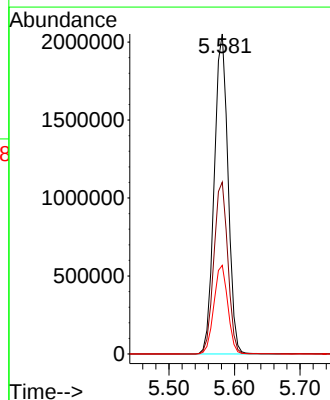
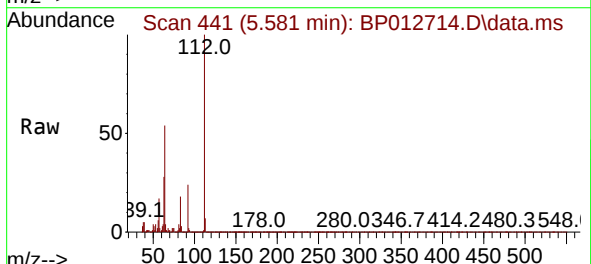
Instrument :
BNA_P
ClientSampleId :
MH-82

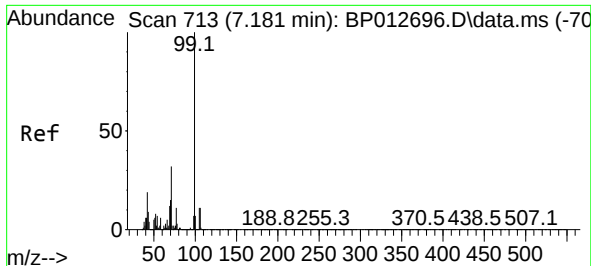
Tgt Ion:152 Resp: 354236
Ion Ratio Lower Upper
152 100
150 152.8 126.0 189.0
115 56.5 44.9 67.3



#5
2-Fluorophenol
Concen: 182.400 ng
RT: 5.581 min Scan# 441
Delta R.T. 0.006 min
Lab File: BP012714.D
Acq: 23 Nov 2022 17:14

Tgt Ion:112 Resp: 2982436
Ion Ratio Lower Upper
112 100
64 53.7 45.4 68.0
63 27.7 24.6 37.0



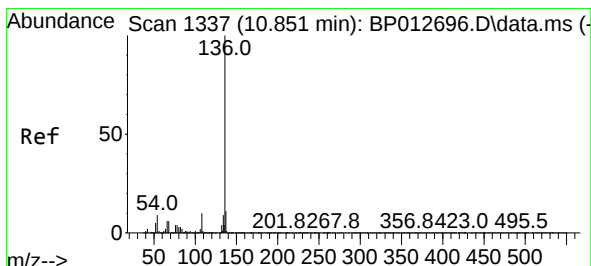
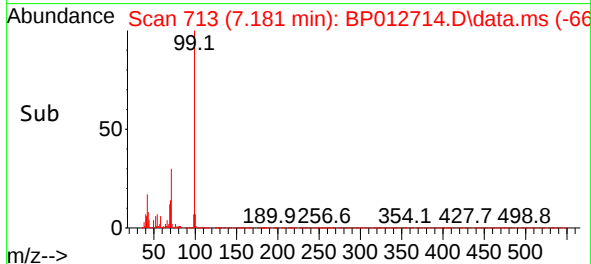
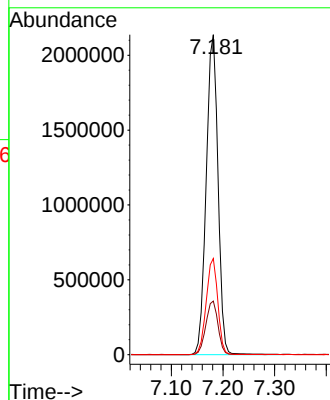
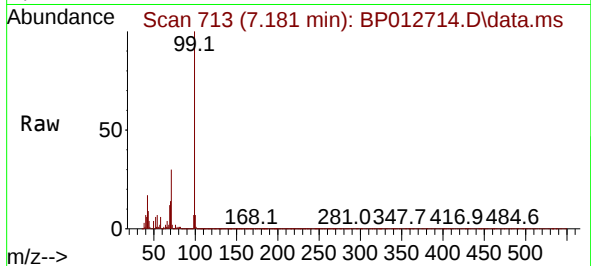


#7
Phenol-d6
Concen: 144.168 ng
RT: 7.181 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP012714.D
Acq: 23 Nov 2022 17:14

Instrument :
BNA_P
ClientSampleId :
MH-82

Tgt Ion: 99 Resp: 3380685

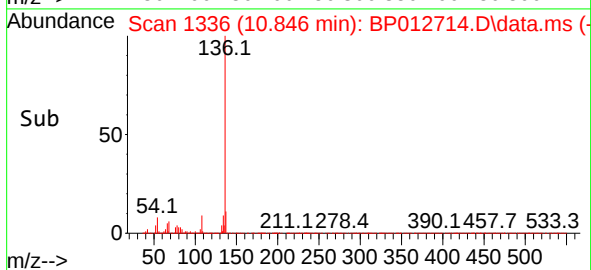
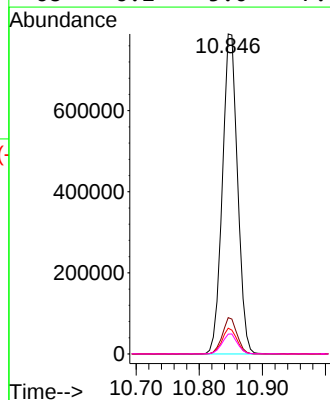
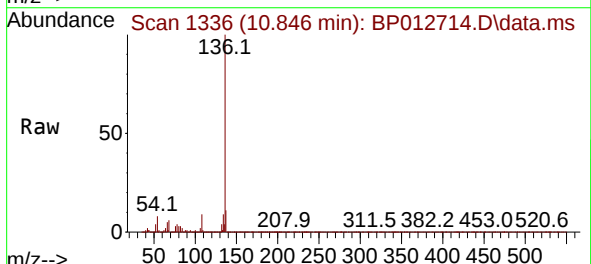
Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.0	22.6
71	30.1	25.3	37.9

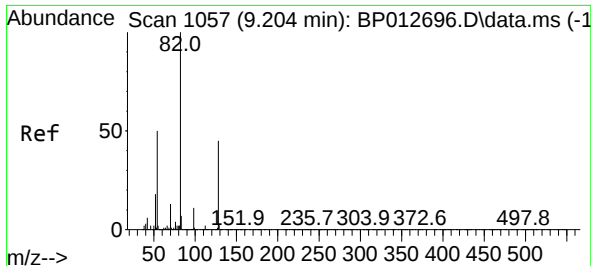


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BP012714.D
Acq: 23 Nov 2022 17:14

Tgt Ion:136 Resp: 1319108

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.1	6.9	10.3
68	6.2	5.0	7.6

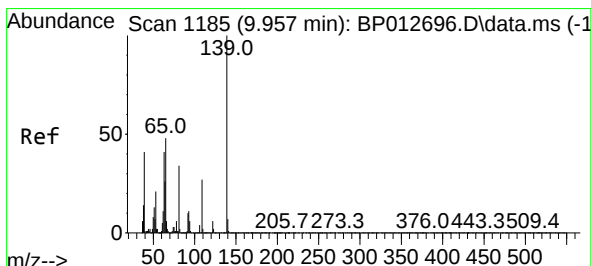
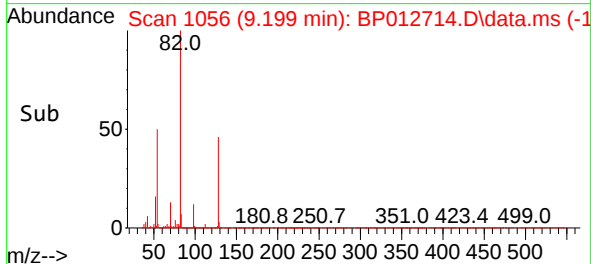
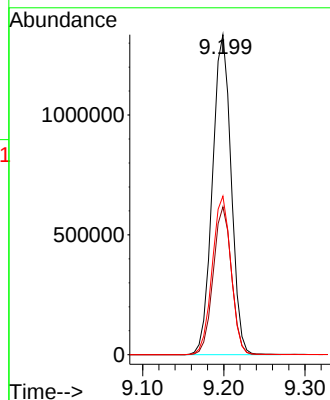
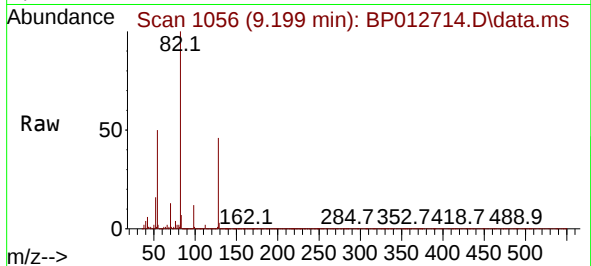




#23
Nitrobenzene-d5
Concen: 90.291 ng
RT: 9.199 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BP012714.D
Acq: 23 Nov 2022 17:14

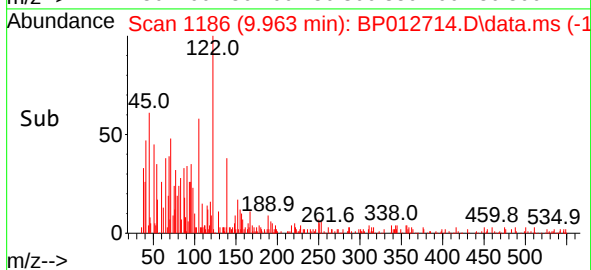
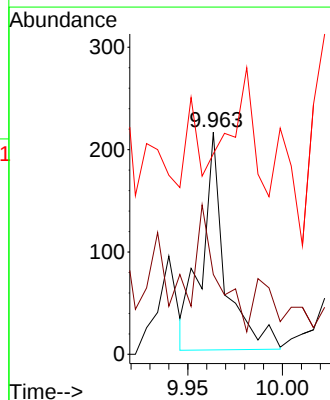
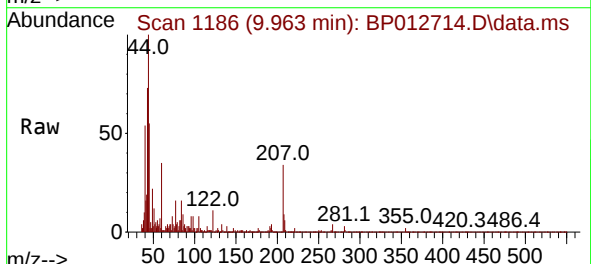
Instrument :
BNA_P
ClientSampleId :
MH-82

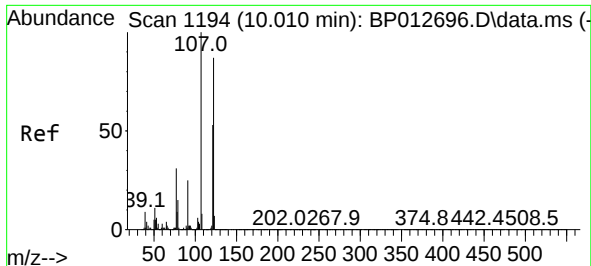
Tgt Ion: 82 Resp: 2135590
Ion Ratio Lower Upper
82 100
128 46.2 35.6 53.4
54 49.6 40.3 60.5



#26
2-Nitrophenol
Concen: 4.428 ng
RT: 9.963 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BP012714.D
Acq: 23 Nov 2022 17:14

Tgt Ion: 139 Resp: 182
Ion Ratio Lower Upper
139 100
109 35.9 21.5 32.3#
65 90.3 38.3 57.5#

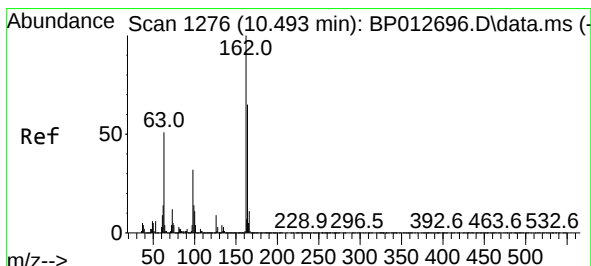
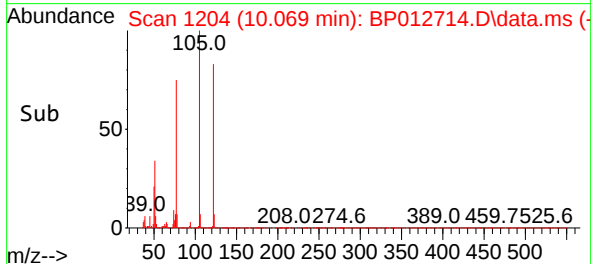
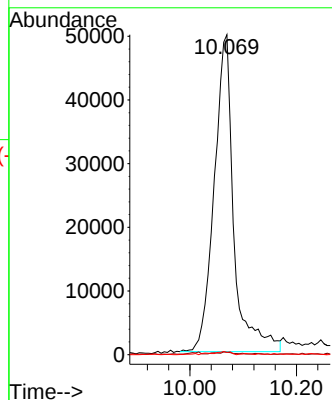
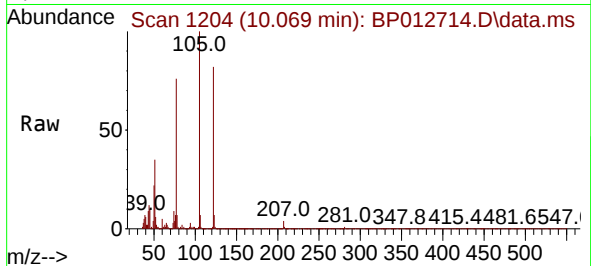




#27
2,4-Dimethylphenol
Concen: 8.551 ng
RT: 10.069 min Scan# 1194
Delta R.T. 0.059 min
Lab File: BP012714.D
Acq: 23 Nov 2022 17:14

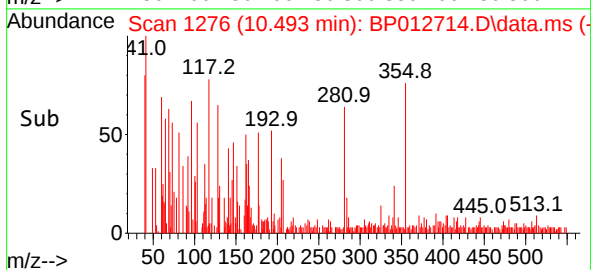
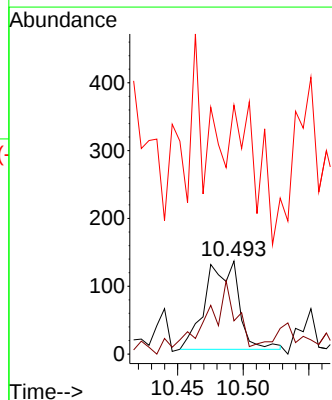
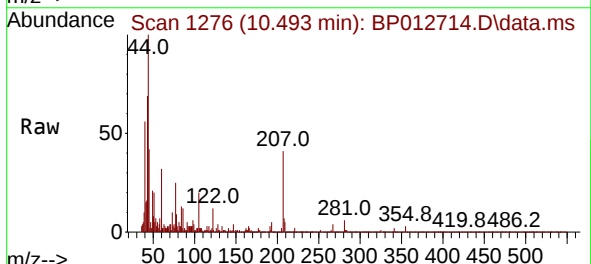
Instrument :
BNA_P
ClientSampleId :
MH-82

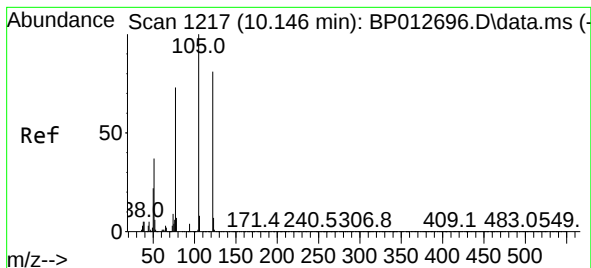
Tgt Ion:122 Resp: 127164
Ion Ratio Lower Upper
122 100
107 0.8 90.9 136.3#
121 0.7 47.8 71.6#



#29
2,4-Dichlorophenol
Concen: 2.216 ng
RT: 10.493 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BP012714.D
Acq: 23 Nov 2022 17:14

Tgt Ion:162 Resp: 229
Ion Ratio Lower Upper
162 100
164 35.8 44.9 84.9#
98 267.9 12.5 52.5#





#32

Benzoic acid

Concen: 22.661 ng

RT: 10.069 min Scan# 1204

Delta R.T. -0.077 min

Lab File: BP012714.D

Acq: 23 Nov 2022 17:14

Instrument :

BNA_P

ClientSampleId :

MH-82

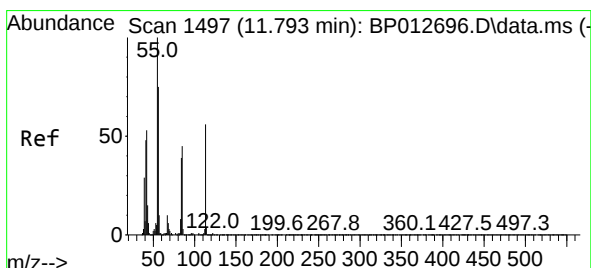
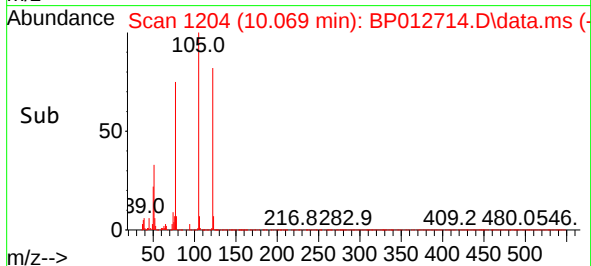
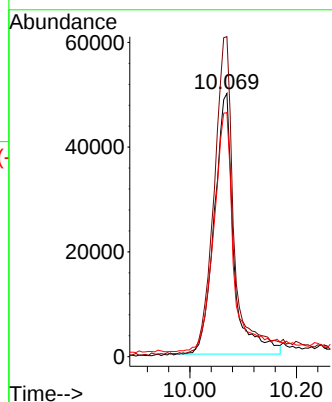
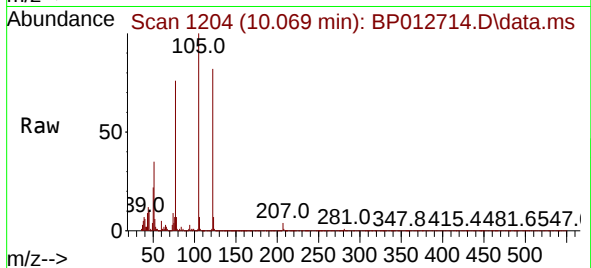
Tgt Ion:122 Resp: 127164

Ion Ratio Lower Upper

122 100

105 121.6 98.3 138.3

77 92.7 70.6 110.6



#35

Caprolactam

Concen: 2.923 ng

RT: 11.793 min Scan# 1497

Delta R.T. -0.000 min

Lab File: BP012714.D

Acq: 23 Nov 2022 17:14

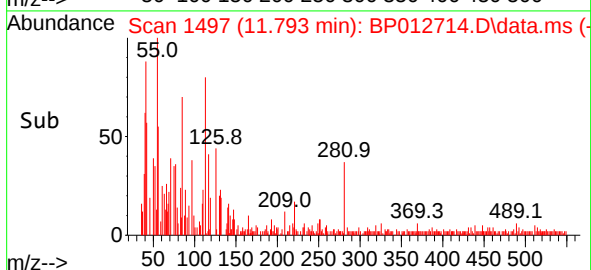
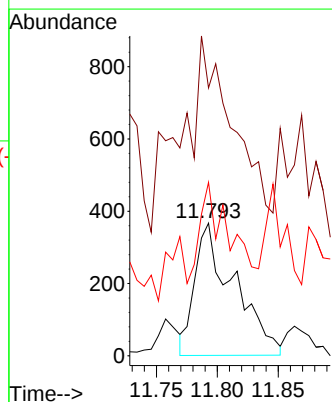
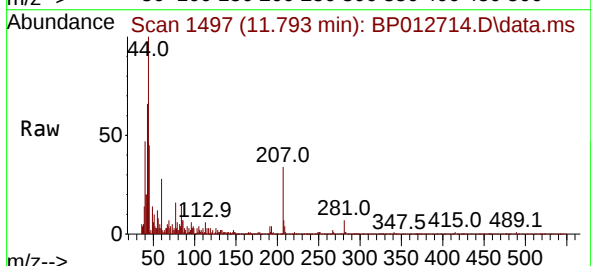
Tgt Ion:113 Resp: 823

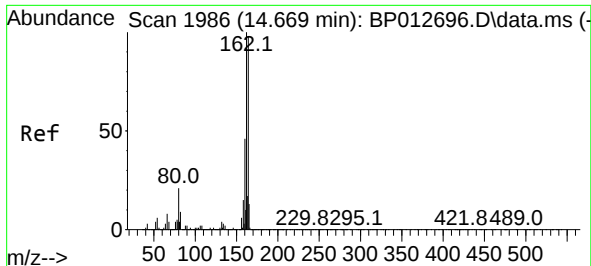
Ion Ratio Lower Upper

113 100

55 201.9 158.0 198.0#

56 130.8 114.1 154.1

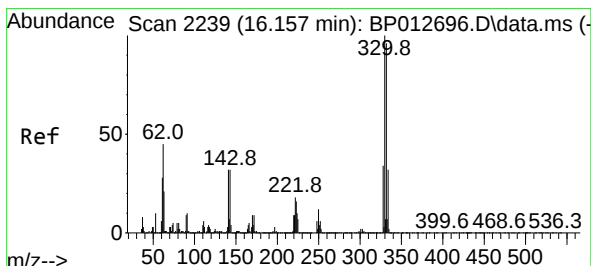
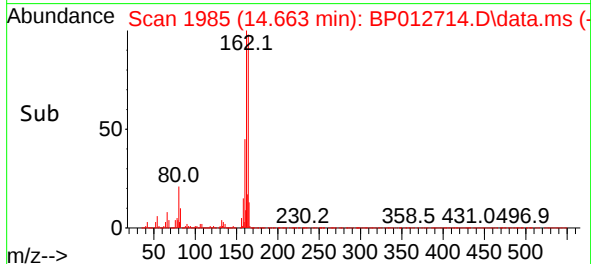
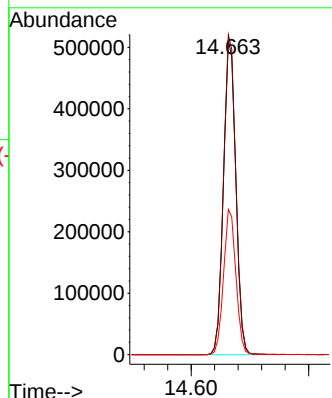
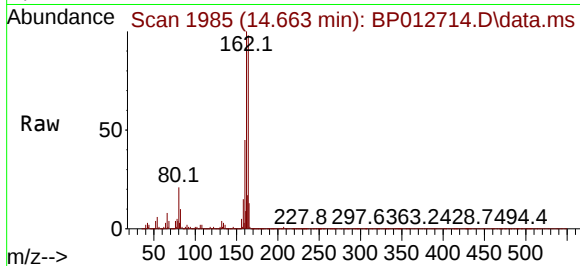




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP012714.D
Acq: 23 Nov 2022 17:14

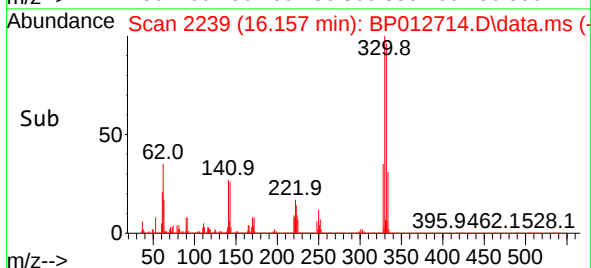
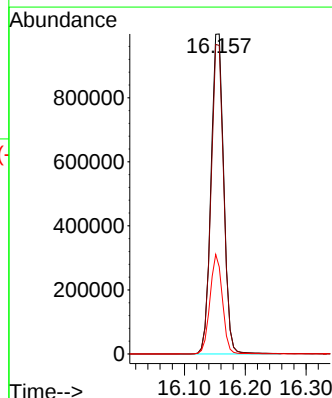
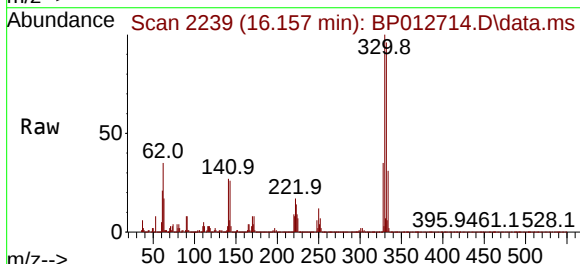
Instrument :
BNA_P
ClientSampleId :
MH-82

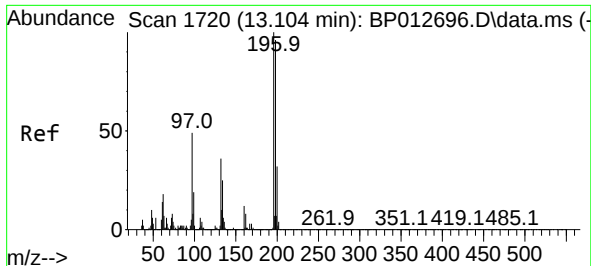
Tgt Ion:164 Resp: 744590
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 46.2 37.6 56.4



#42
2,4,6-Tribromophenol
Concen: 148.894 ng
RT: 16.157 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BP012714.D
Acq: 23 Nov 2022 17:14

Tgt Ion:330 Resp: 1452272
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 30.4 25.2 37.8

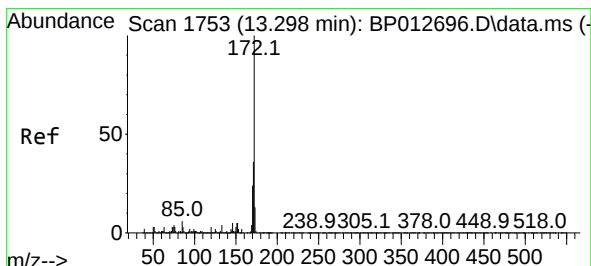
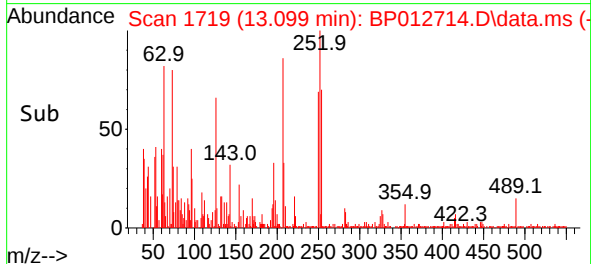
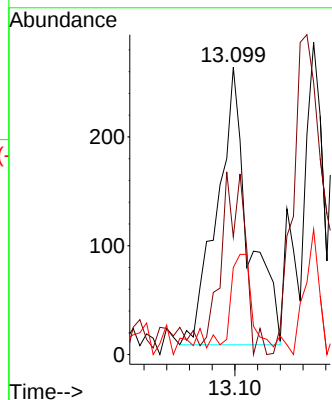
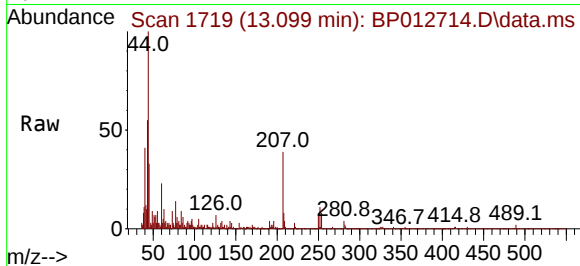




#43
2,4,6-Trichlorophenol
Concen: 4.211 ng
RT: 13.099 min Scan# 1719
Delta R.T. -0.005 min
Lab File: BP012714.D
Acq: 23 Nov 2022 17:14

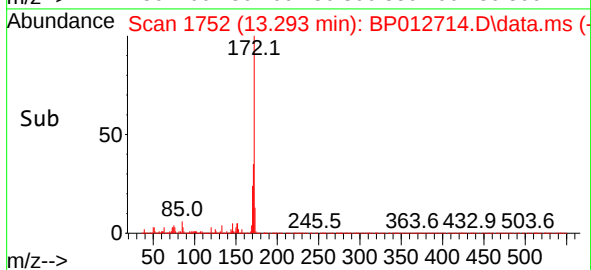
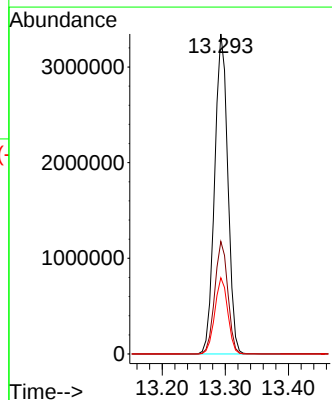
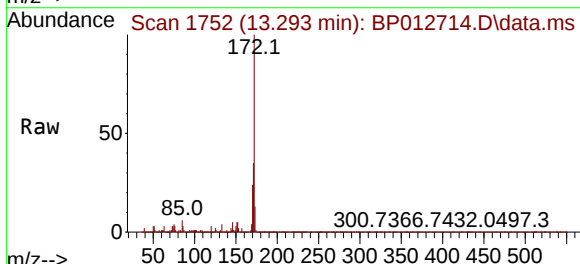
Instrument :
BNA_P
ClientSampleId :
MH-82

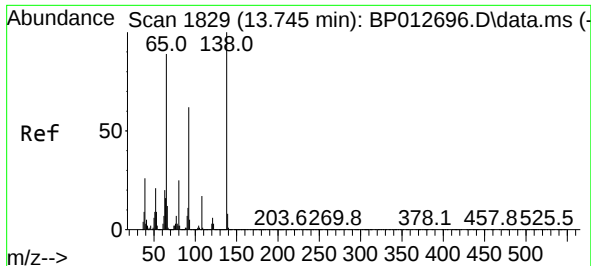
Tgt Ion:196 Resp: 493
Ion Ratio Lower Upper
196 100
198 44.3 76.6 115.0#
200 30.3 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 92.728 ng
RT: 13.293 min Scan# 1752
Delta R.T. -0.005 min
Lab File: BP012714.D
Acq: 23 Nov 2022 17:14

Tgt Ion:172 Resp: 4846373
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.8 19.1 28.7

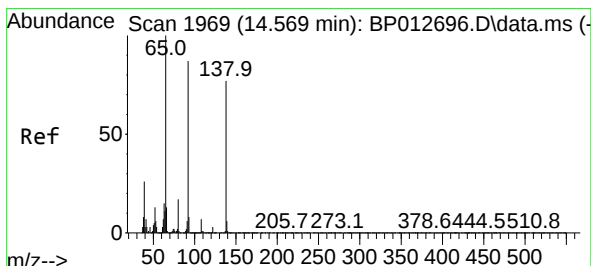
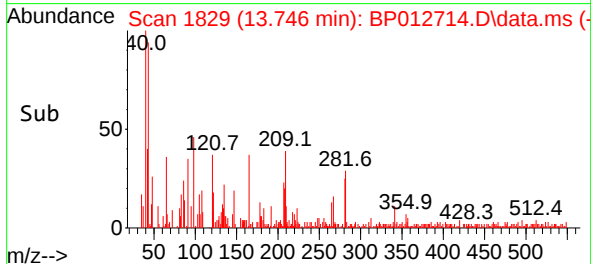
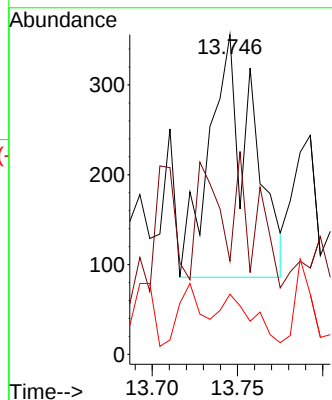
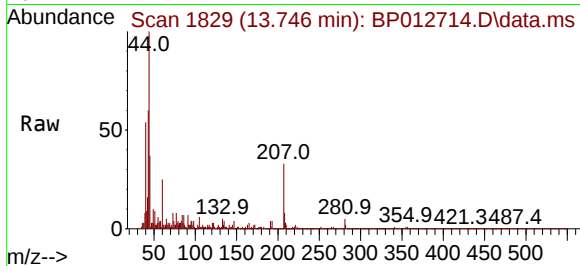




#48
2-Nitroaniline
Concen: 4.843 ng
RT: 13.746 min Scan# 1829
Delta R.T. 0.001 min
Lab File: BP012714.D
Acq: 23 Nov 2022 17:14

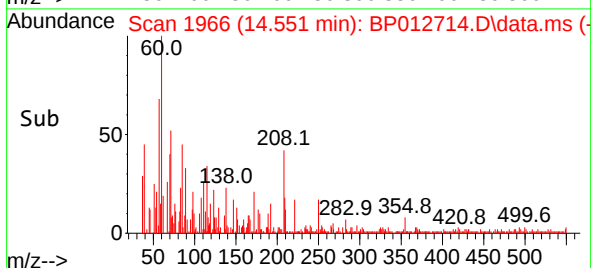
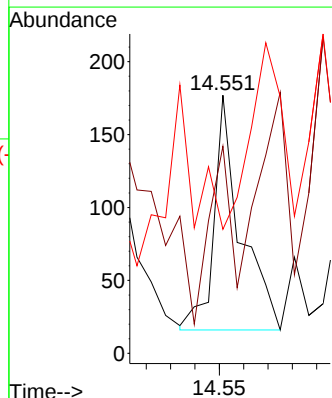
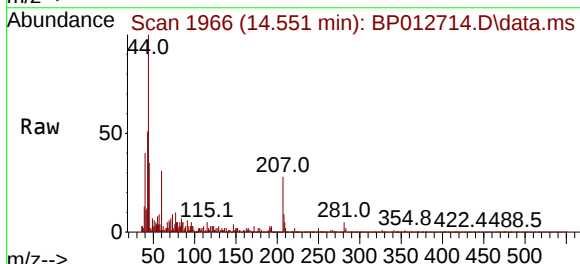
Instrument :
BNA_P
ClientSampleId :
MH-82

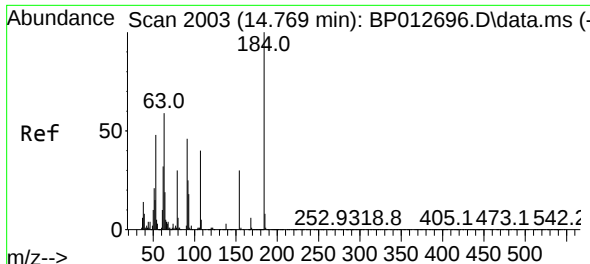
Tgt Ion: 65 Resp: 471
Ion Ratio Lower Upper
65 100
92 29.2 55.4 83.2#
138 18.8 89.5 134.3#



#53
3-Nitroaniline
Concen: 3.685 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.018 min
Lab File: BP012714.D
Acq: 23 Nov 2022 17:14

Tgt Ion: 138 Resp: 121
Ion Ratio Lower Upper
138 100
108 80.2 7.4 11.2#
92 48.0 91.3 136.9#

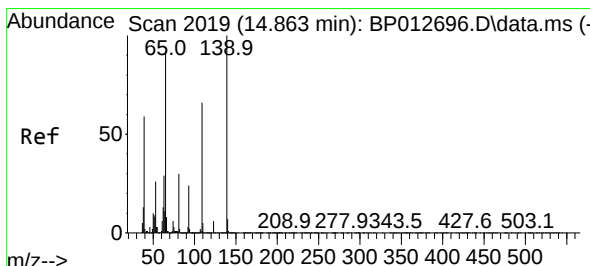
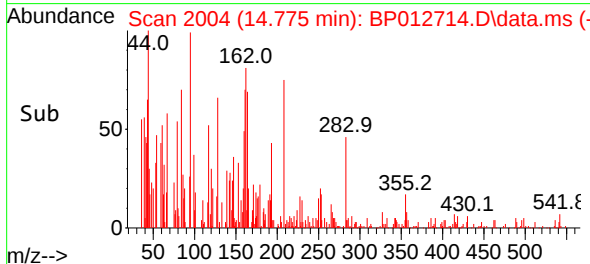
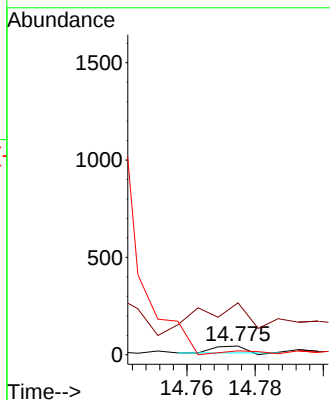
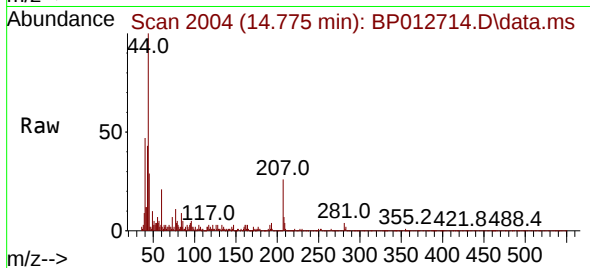




#54
2,4-Dinitrophenol
Concen: 3.026 ng
RT: 14.775 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BP012714.D
Acq: 23 Nov 2022 17:14

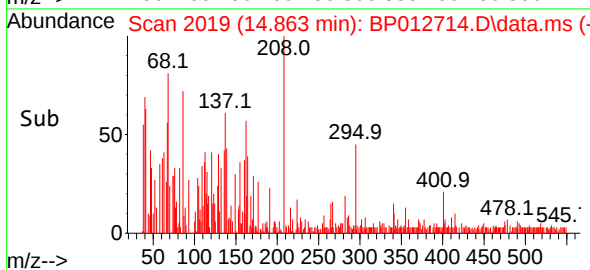
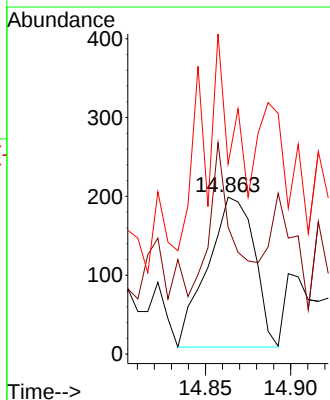
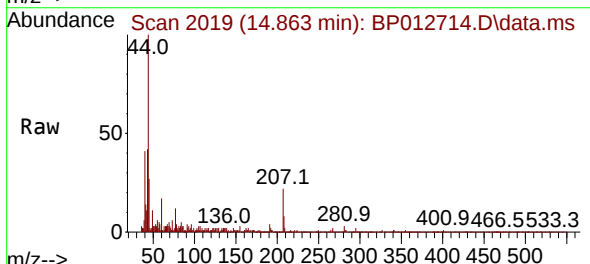
Instrument :
BNA_P
ClientSampleId :
MH-82

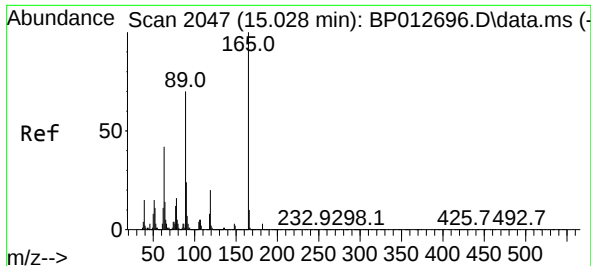
Tgt Ion:184 Resp: 22
Ion Ratio Lower Upper
184 100
63 593.3 50.0 75.0#
154 44.4 45.5 68.3#



#56
4-Nitrophenol
Concen: 5.729 ng
RT: 14.863 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BP012714.D
Acq: 23 Nov 2022 17:14

Tgt Ion:139 Resp: 363
Ion Ratio Lower Upper
139 100
109 86.4 46.1 86.1#
65 121.1 72.5 112.5#

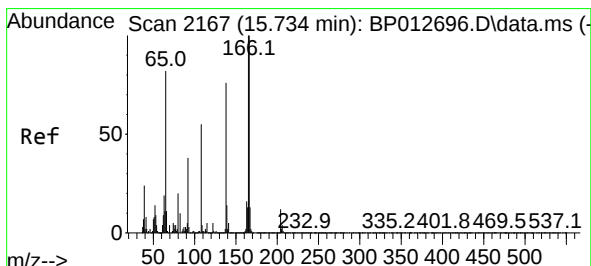
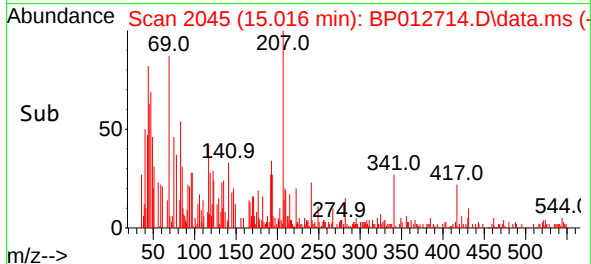
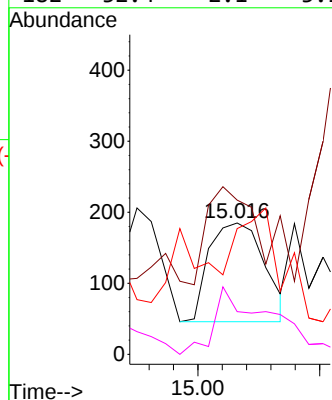
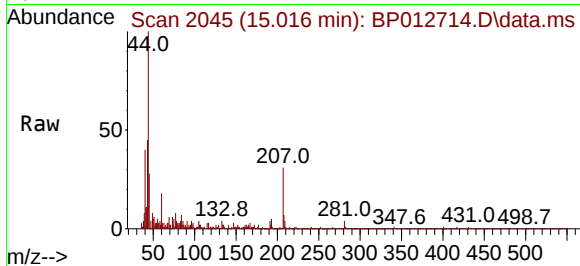




#57
2,4-Dinitrotoluene
Concen: 3.565 ng
RT: 15.016 min Scan# 2045
Delta R.T. -0.012 min
Lab File: BP012714.D
Acq: 23 Nov 2022 17:14

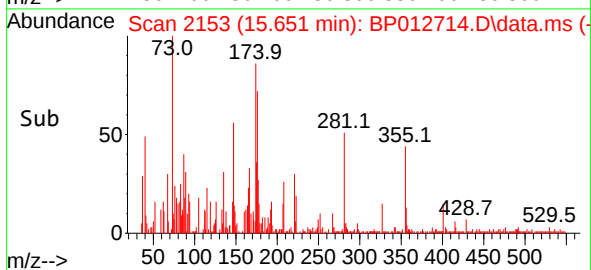
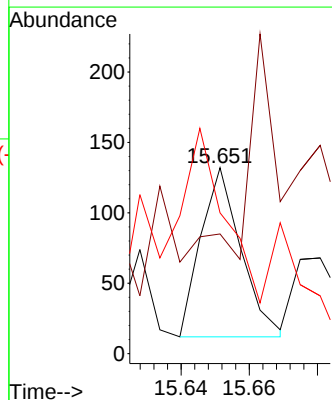
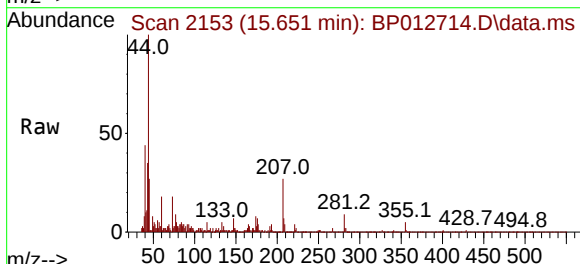
Instrument :
BNA_P
ClientSampleId :
MH-82

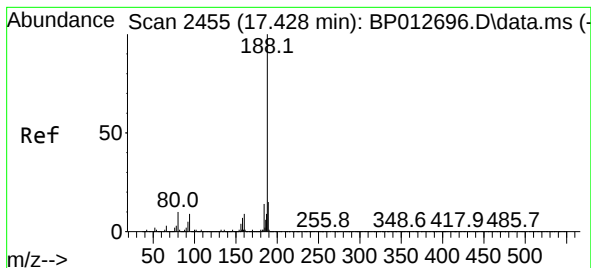
Tgt Ion:	165	Resp:	219
Ion	Ratio	Lower	Upper
165	100		
63	117.3	33.7	50.5#
89	126.5	56.3	84.5#
182	32.4	2.1	3.1#



#62
4-Nitroaniline
Concen: 4.614 ng
RT: 15.651 min Scan# 2153
Delta R.T. -0.083 min
Lab File: BP012714.D
Acq: 23 Nov 2022 17:14

Tgt Ion:	138	Resp:	98
Ion	Ratio	Lower	Upper
138	100		
92	64.4	29.6	69.6
108	75.8	51.4	91.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.422 min Scan# 2455

Delta R.T. -0.006 min

Lab File: BP012714.D

Acq: 23 Nov 2022 17:14

Instrument :

BNA_P

ClientSampleId :

MH-82

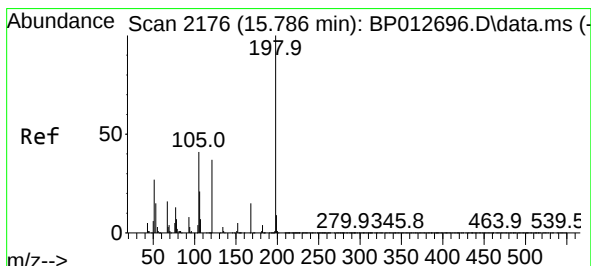
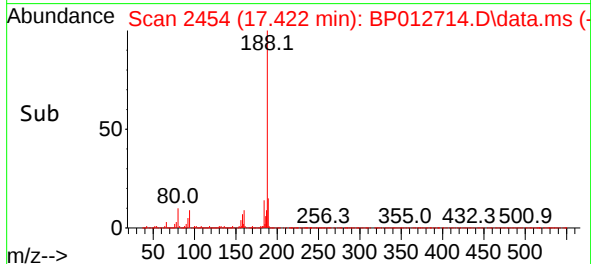
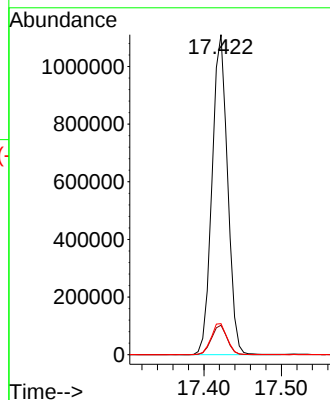
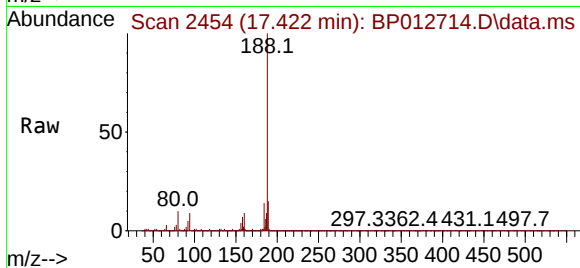
Tgt Ion:188 Resp: 1546641

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

80 9.7 7.8 11.6



#65

4,6-Dinitro-2-methylphenol

Concen: 3.726 ng

RT: 15.781 min Scan# 2175

Delta R.T. -0.005 min

Lab File: BP012714.D

Acq: 23 Nov 2022 17:14

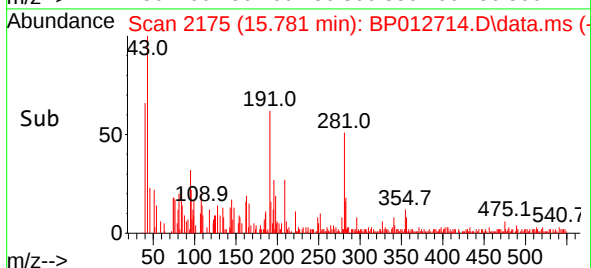
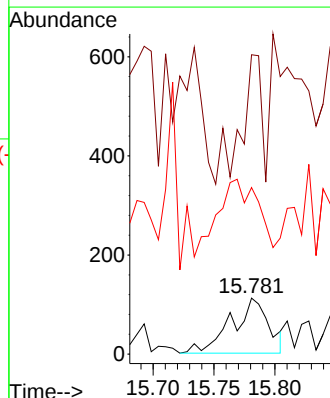
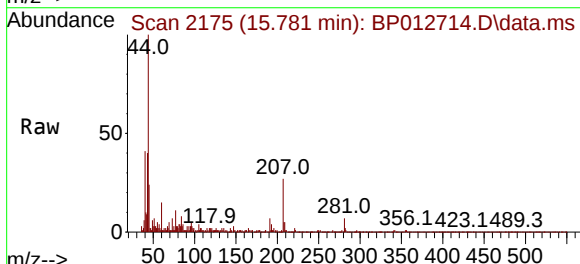
Tgt Ion:198 Resp: 236

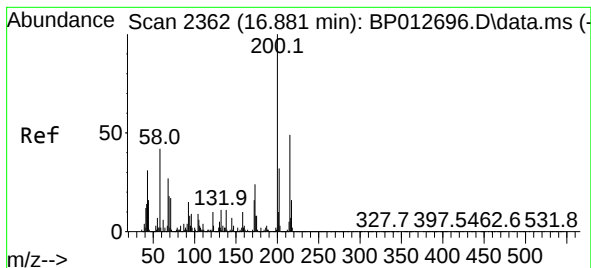
Ion Ratio Lower Upper

198 100

51 534.5 25.7 65.7#

105 297.3 22.8 62.8#





#69

Atrazine

Concen: 4.030 ng

RT: 16.957 min Scan# 21

Delta R.T. 0.076 min

Lab File: BP012714.D

Acq: 23 Nov 2022 17:14

Instrument :

BNA_P

ClientSampleId :

MH-82

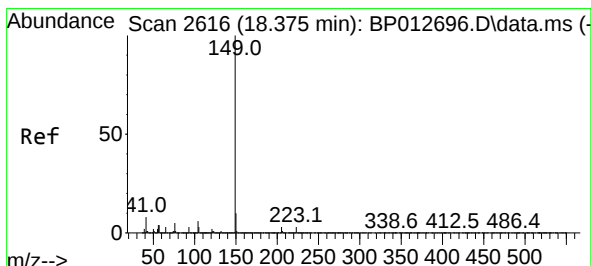
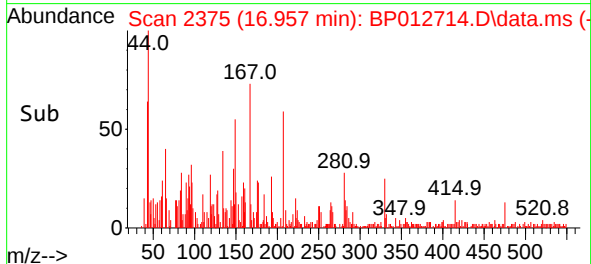
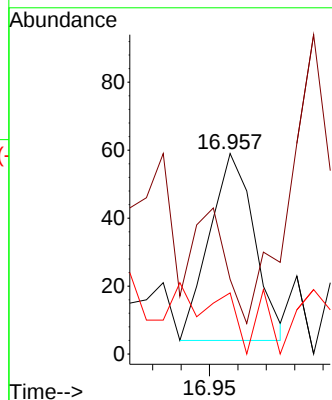
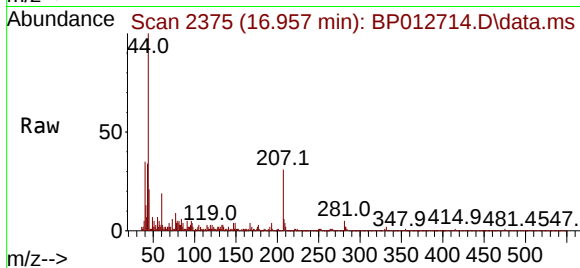
Tgt Ion:200 Resp: 61

Ion Ratio Lower Upper

200 100

173 37.3 4.3 44.3

215 30.5 29.5 69.5



#74

Di-n-butylphthalate

Concen: 5.845 ng

RT: 18.369 min Scan# 2615

Delta R.T. -0.006 min

Lab File: BP012714.D

Acq: 23 Nov 2022 17:14

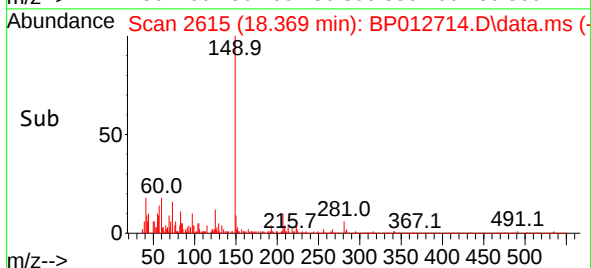
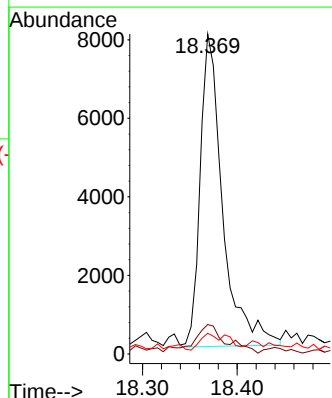
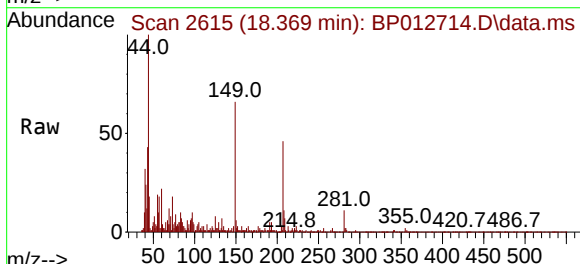
Tgt Ion:149 Resp: 13131

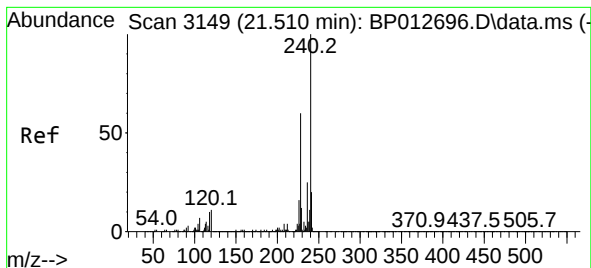
Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

104 6.5 4.6 6.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.504 min Scan# 3149

Delta R.T. -0.006 min

Lab File: BP012714.D

Acq: 23 Nov 2022 17:14

Instrument :

BNA_P

ClientSampleId :

MH-82

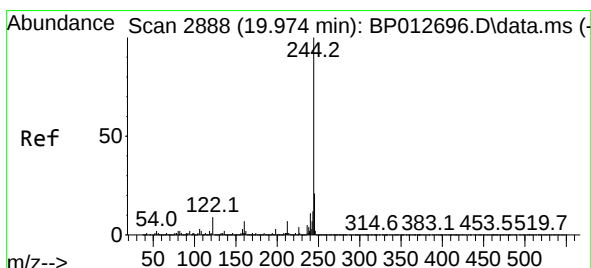
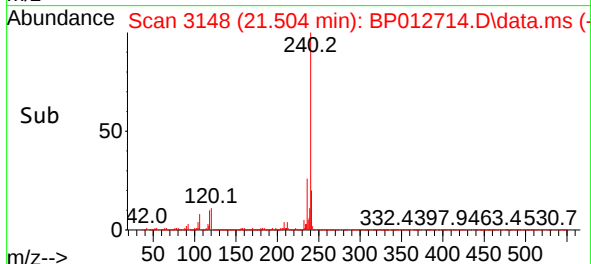
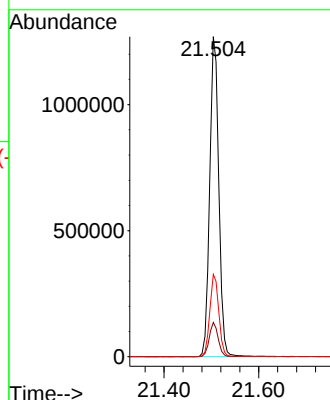
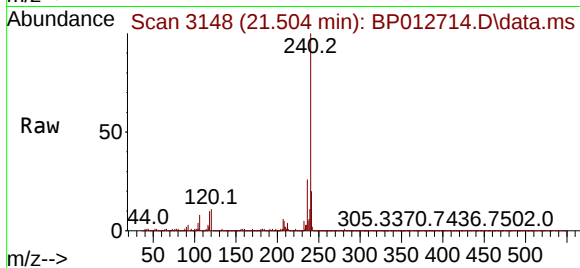
Tgt Ion:240 Resp: 1690780

Ion Ratio Lower Upper

240 100

120 10.7 8.6 12.8

236 25.7 20.4 30.6



#79

Terphenyl-d14

Concen: 108.840 ng

RT: 19.969 min Scan# 2887

Delta R.T. -0.006 min

Lab File: BP012714.D

Acq: 23 Nov 2022 17:14

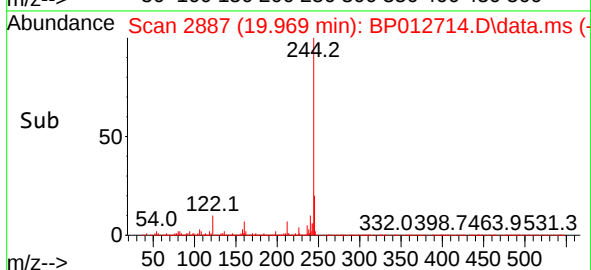
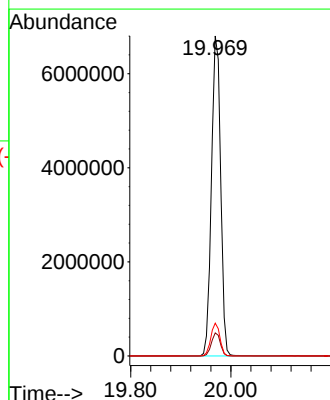
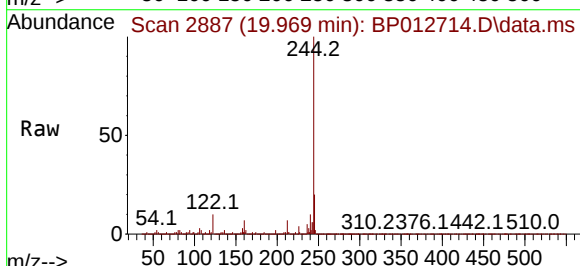
Tgt Ion:244 Resp: 8658518

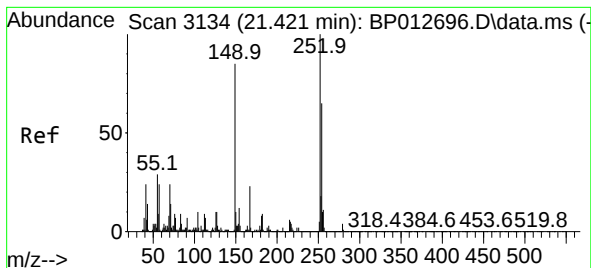
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.2 6.9 10.3





#82

3,3'-Dichlorobenzidine

Concen: 8.677 ng

RT: 21.422 min Scan# 31

Delta R.T. 0.001 min

Lab File: BP012714.D

Acq: 23 Nov 2022 17:14

Instrument :

BNA_P

ClientSampleId :

MH-82

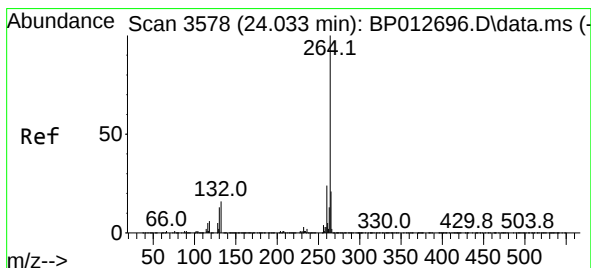
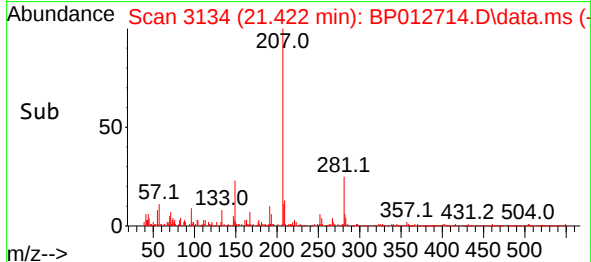
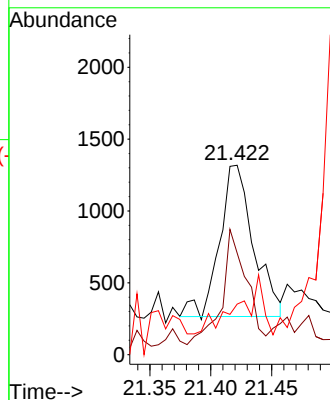
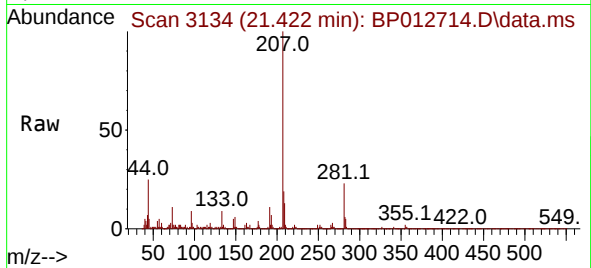
Tgt Ion:252 Resp: 2048

Ion Ratio Lower Upper

252 100

254 53.6 51.7 77.5

126 26.7 7.7 11.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.027 min Scan# 3577

Delta R.T. -0.006 min

Lab File: BP012714.D

Acq: 23 Nov 2022 17:14

Tgt Ion:264 Resp: 1780228

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 22.0 17.1 25.7

