

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112322\
 Data File : BP012717.D
 Acq On : 23 Nov 2022 18:57
 Operator : CG/JU
 Sample : N5749-23
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-84

Quant Time: Nov 24 02:32:42 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)

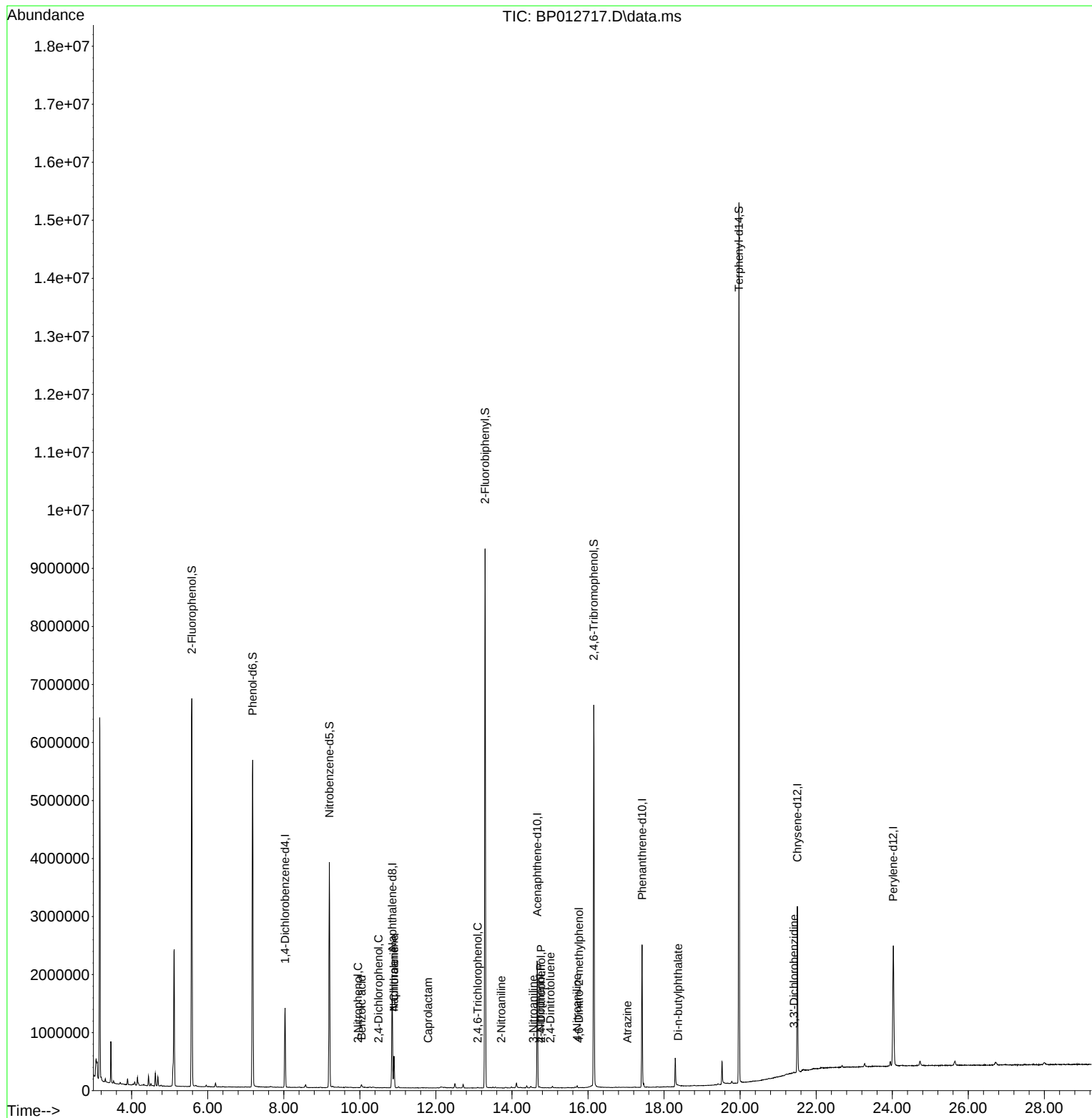
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	369929	20.000	ng	0.00
21) Naphthalene-d8	10.852	136	1363881	20.000	ng	0.00
39) Acenaphthene-d10	14.663	164	740078	20.000	ng	0.00
64) Phenanthrene-d10	17.422	188	1445213	20.000	ng	0.00
76) Chrysene-d12	21.504	240	1408356	20.000	ng	0.00
86) Perylene-d12	24.027	264	1595731	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2982716	174.678	ng	0.00
7) Phenol-d6	7.181	99	3352528	136.903	ng	0.00
23) Nitrobenzene-d5	9.199	82	2088842	85.415	ng	0.00
42) 2,4,6-Tribromophenol	16.151	330	1254671	131.093	ng	0.00
45) 2-Fluorobiphenyl	13.293	172	4841145	93.193	ng	0.00
79) Terphenyl-d14	19.969	244	7158846	108.035	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.181	77	5837	Below Cal	#	10
26) 2-Nitrophenol	9.952	139	129	4.422 ng	#	1
29) 2,4-Dichlorophenol	10.493	162	55	2.208 ng	#	1
31) Naphthalene	10.899	128	441816	5.969 ng		98
32) Benzoic acid	10.046	122	22488	4.460 ng		98
33) 4-Chloroaniline	10.899	127	57163	2.119 ng	#	33
35) Caprolactam	11.793	113	371	2.821 ng	#	54
43) 2,4,6-Trichlorophenol	13.098	196	42	4.186 ng	#	33
48) 2-Nitroaniline	13.722	65	234	4.825 ng	#	18
53) 3-Nitroaniline	14.557	138	84	3.682 ng	#	17
54) 2,4-Dinitrophenol	14.769	184	18	3.025 ng	#	1
56) 4-Nitrophenol	14.745	139	158	5.713 ng		92
57) 2,4-Dinitrotoluene	15.010	165	44	3.555 ng	#	65
62) 4-Nitroaniline	15.710	138	184	4.620 ng	#	29
65) 4,6-Dinitro-2-methylph...	15.763	198	40	3.690 ng	#	1
69) Atrazine	17.034	200	32	4.029 ng		85
74) Di-n-butylphthalate	18.369	149	6634	5.779 ng		98
80) Butylbenzylphthalate	20.645	149	682	Below Cal		92
82) 3,3'-Dichlorobenzidine	21.416	252	171	8.623 ng	#	35
84) Bis(2-ethylhexyl)phtha...	21.410	149	5751	Below Cal	#	88
85) Di-n-octyl phthalate	22.386	149	572	Below Cal	#	1

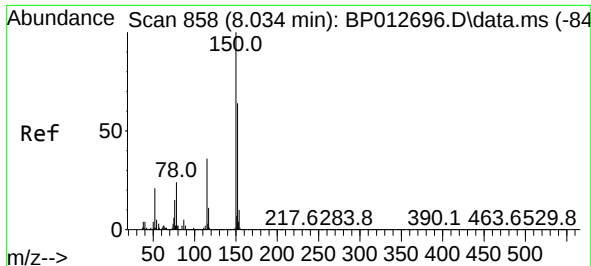
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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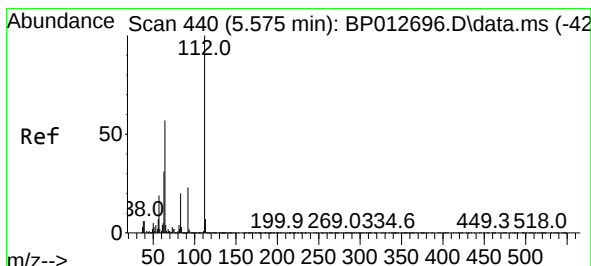
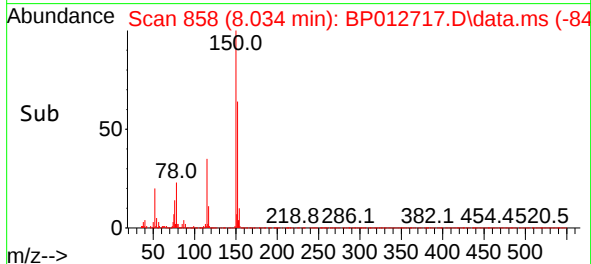
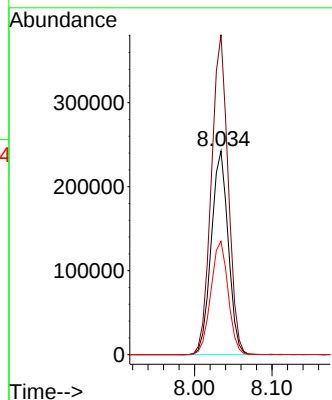
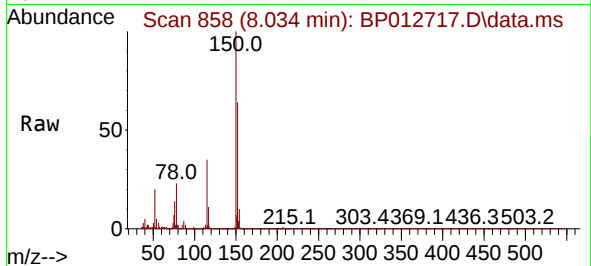




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.034 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP012717.D
Acq: 23 Nov 2022 18:57

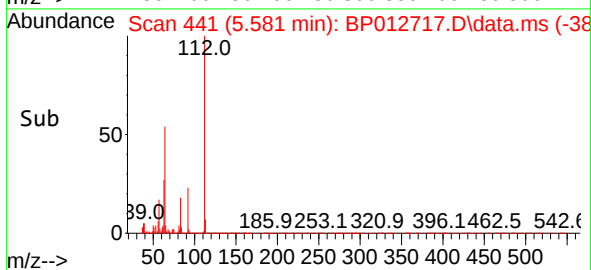
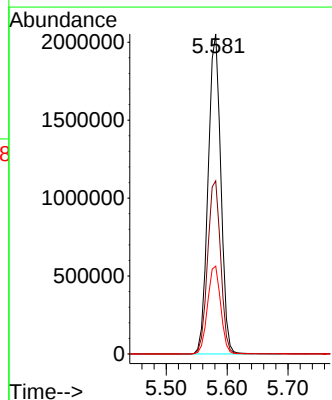
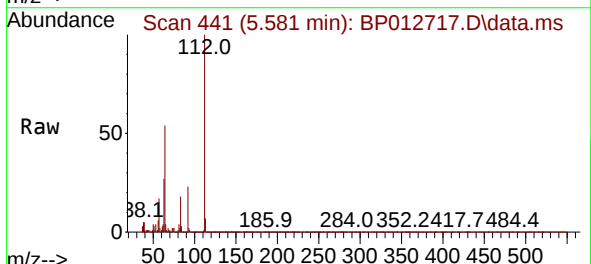
Instrument :
BNA_P
ClientSampleId :
MH-84

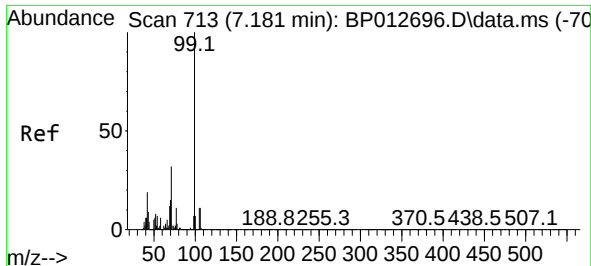
Tgt Ion:152 Resp: 369929
Ion Ratio Lower Upper
152 100
150 157.1 126.0 189.0
115 55.7 44.9 67.3



#5
2-Fluorophenol
Concen: 174.678 ng
RT: 5.581 min Scan# 441
Delta R.T. 0.006 min
Lab File: BP012717.D
Acq: 23 Nov 2022 18:57

Tgt Ion:112 Resp: 2982716
Ion Ratio Lower Upper
112 100
64 54.1 45.4 68.0
63 27.5 24.6 37.0



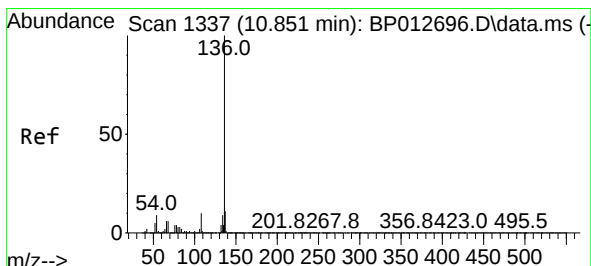
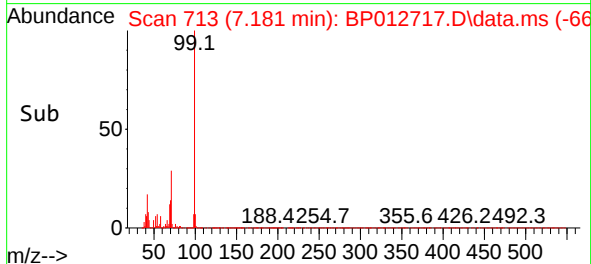
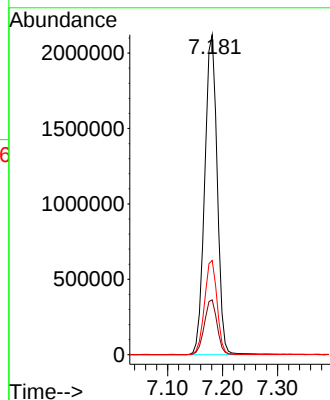
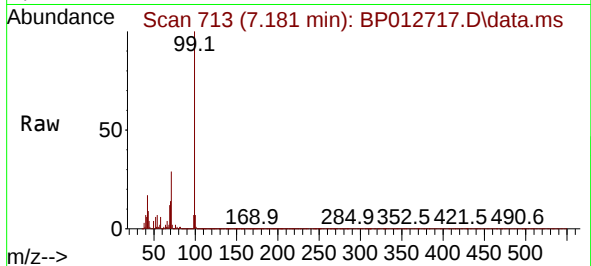


#7
Phenol-d6
Concen: 136.903 ng
RT: 7.181 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP012717.D
Acq: 23 Nov 2022 18:57

Instrument :
BNA_P
ClientSampleId :
MH-84

Tgt Ion: 99 Resp: 3352528

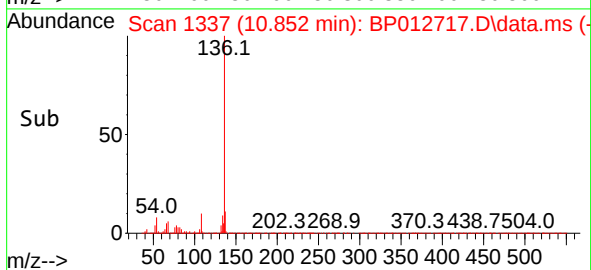
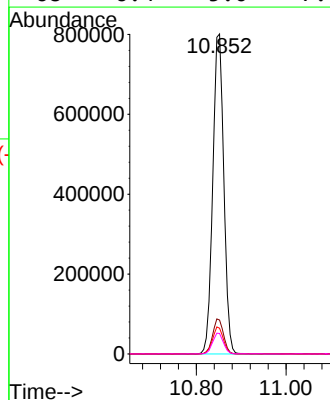
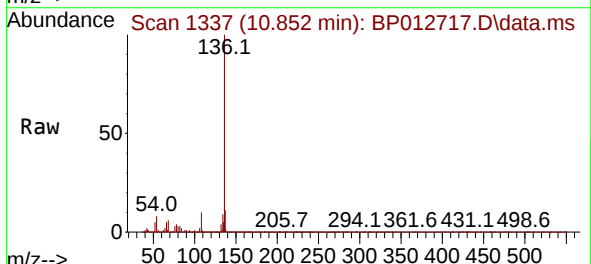
Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.0	22.6
71	29.4	25.3	37.9

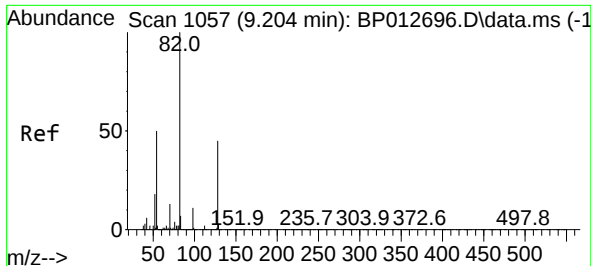


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.852 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BP012717.D
Acq: 23 Nov 2022 18:57

Tgt Ion:136 Resp: 1363881

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	8.1	6.9	10.3
68	6.4	5.0	7.6

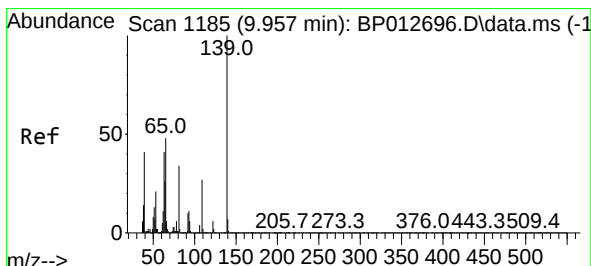
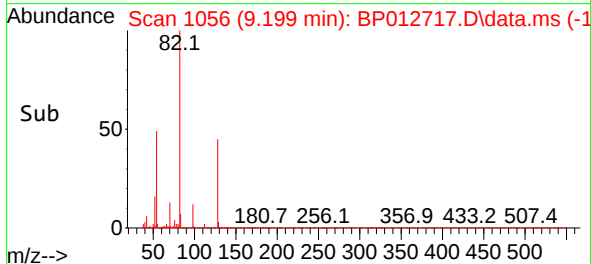
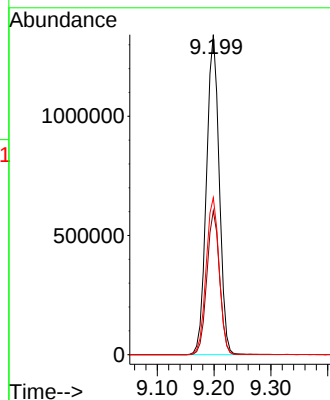
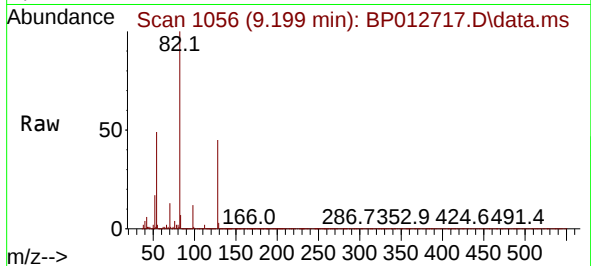




#23
Nitrobenzene-d5
Concen: 85.415 ng
RT: 9.199 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BP012717.D
Acq: 23 Nov 2022 18:57

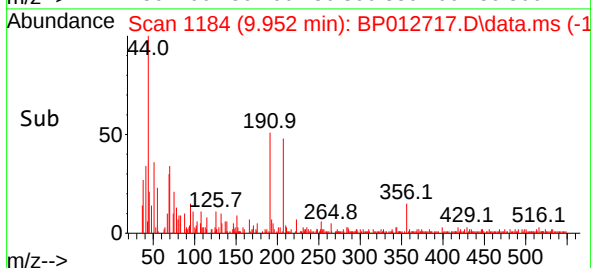
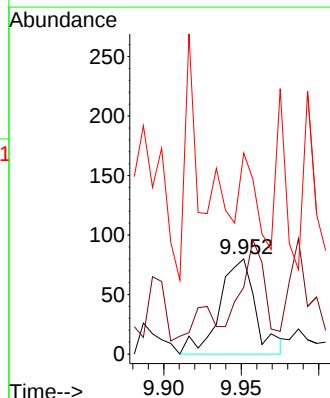
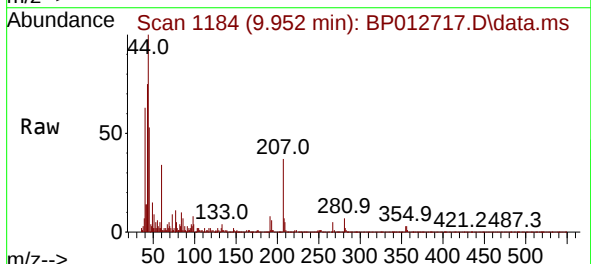
Instrument :
BNA_P
ClientSampleId :
MH-84

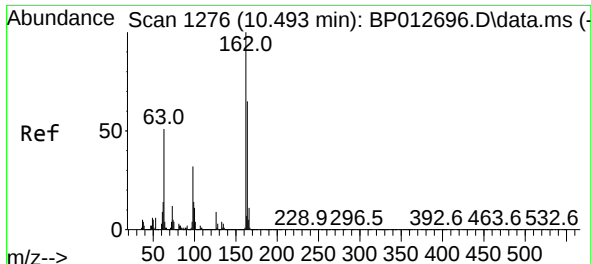
Tgt Ion: 82 Resp: 2088842
Ion Ratio Lower Upper
82 100
128 44.9 35.6 53.4
54 49.0 40.3 60.5



#26
2-Nitrophenol
Concen: 4.422 ng
RT: 9.952 min Scan# 1184
Delta R.T. -0.005 min
Lab File: BP012717.D
Acq: 23 Nov 2022 18:57

Tgt Ion:139 Resp: 129
Ion Ratio Lower Upper
139 100
109 70.0 21.5 32.3#
65 211.2 38.3 57.5#





#29

2,4-Dichlorophenol

Concen: 2.208 ng

RT: 10.493 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP012717.D

Acq: 23 Nov 2022 18:57

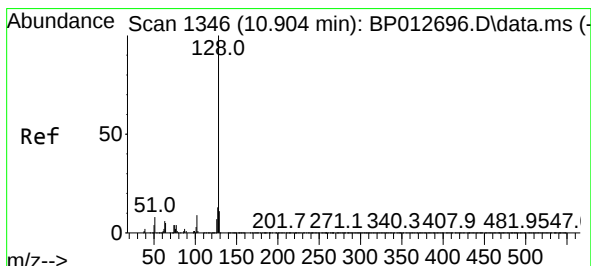
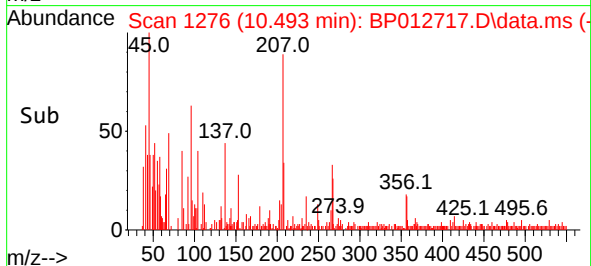
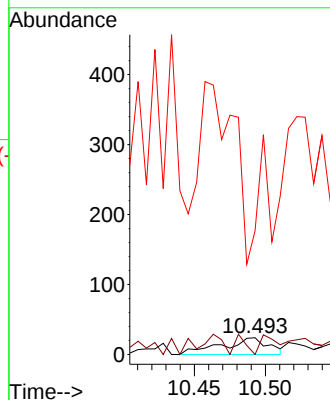
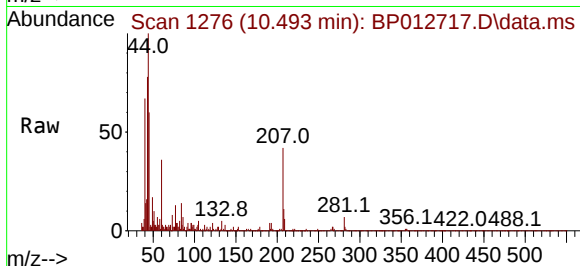
Instrument :

BNA_P

ClientSampleId :

MH-84

Tgt Ion:162	Resp:	55
Ion Ratio	Lower	Upper
162	100	
164	0.0	44.9 84.9#
98	737.5	12.5 52.5#



#31

Naphthalene

Concen: 5.969 ng

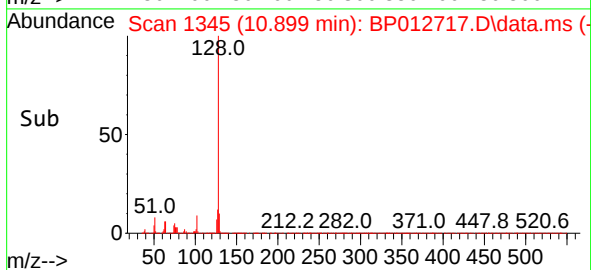
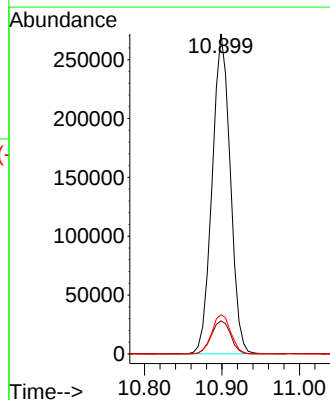
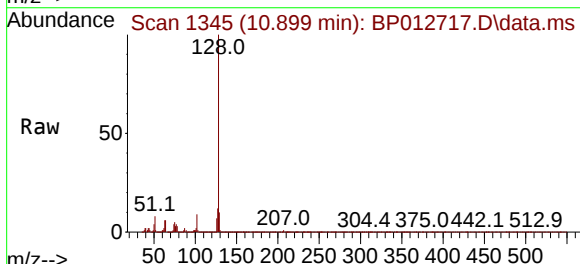
RT: 10.899 min Scan# 1345

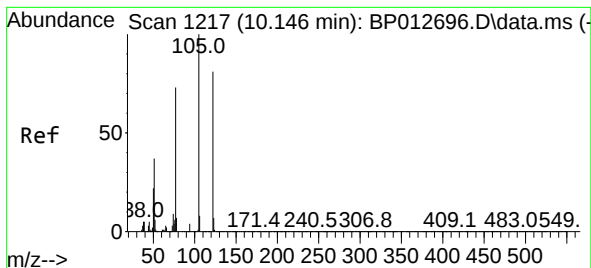
Delta R.T. -0.006 min

Lab File: BP012717.D

Acq: 23 Nov 2022 18:57

Tgt Ion:128	Resp:	441816
Ion Ratio	Lower	Upper
128	100	
129	10.3	8.9 13.3
127	12.3	10.5 15.7

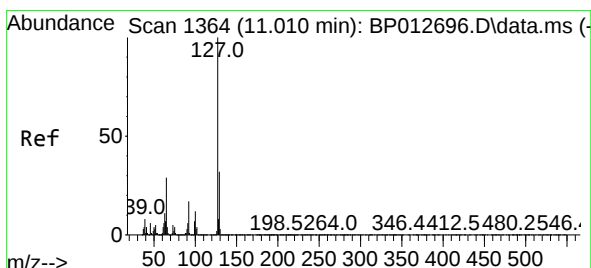
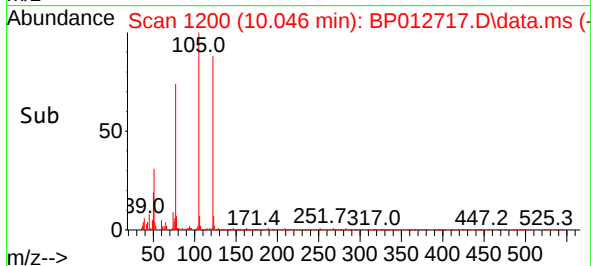
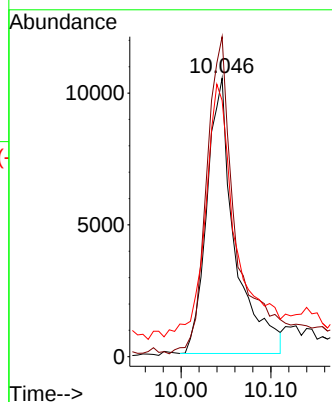
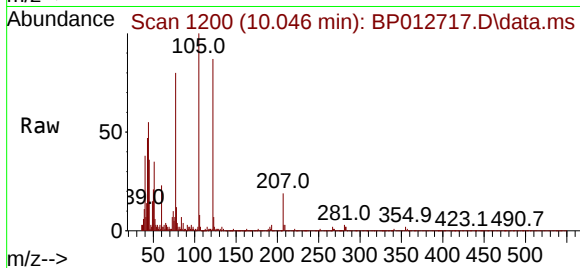




#32
Benzoic acid
Concen: 4.460 ng
RT: 10.046 min Scan# 11
Delta R.T. -0.100 min
Lab File: BP012717.D
Acq: 23 Nov 2022 18:57

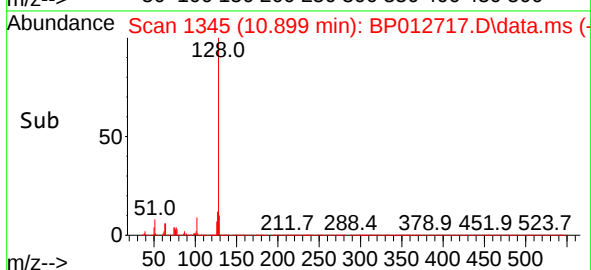
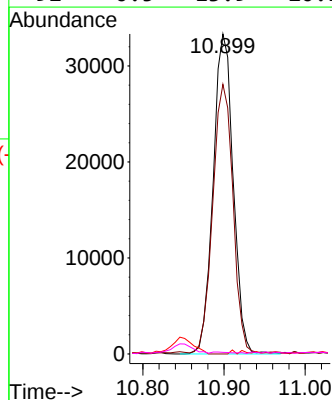
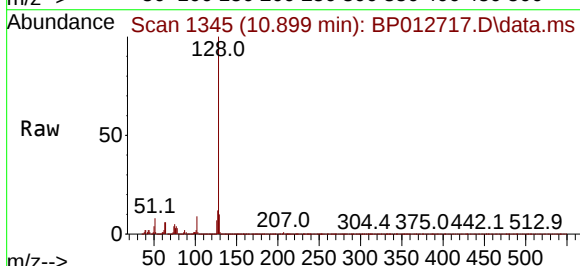
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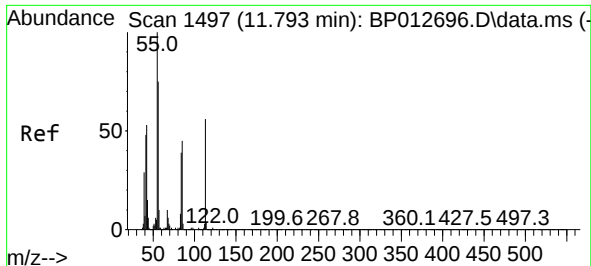
Tgt Ion:	122	Resp:	22488
Ion	Ratio	Lower	Upper
122	100		
105	114.9	98.3	138.3
77	91.9	70.6	110.6



#33
4-Chloroaniline
Concen: 2.119 ng
RT: 10.899 min Scan# 1345
Delta R.T. -0.112 min
Lab File: BP012717.D
Acq: 23 Nov 2022 18:57

Tgt Ion:	127	Resp:	57163
Ion	Ratio	Lower	Upper
127	100		
129	84.2	25.8	38.8#
65	0.0	23.6	35.4#
92	0.5	13.9	20.9#

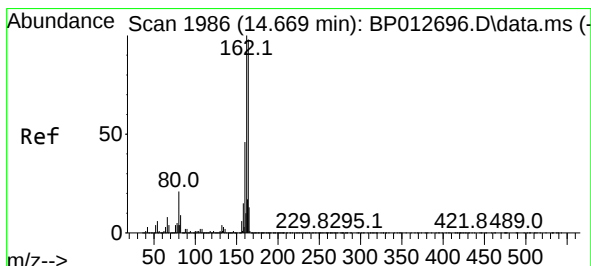
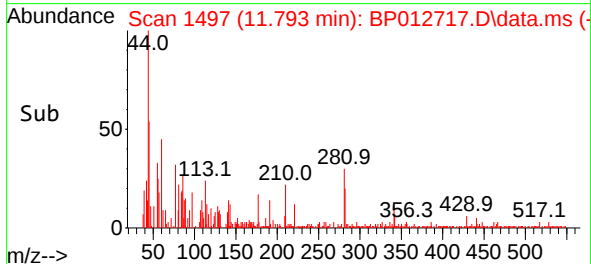
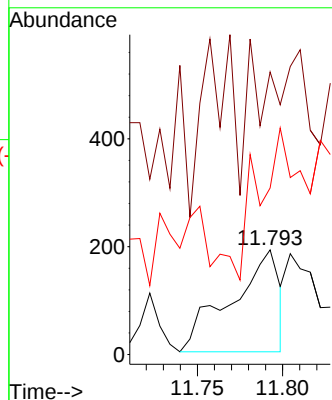
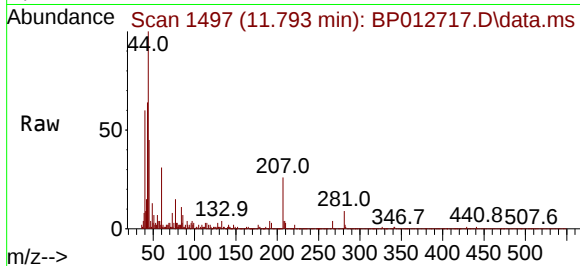




#35
Caprolactam
Concen: 2.821 ng
RT: 11.793 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BP012717.D
Acq: 23 Nov 2022 18:57

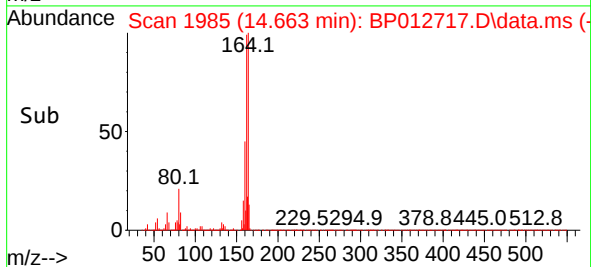
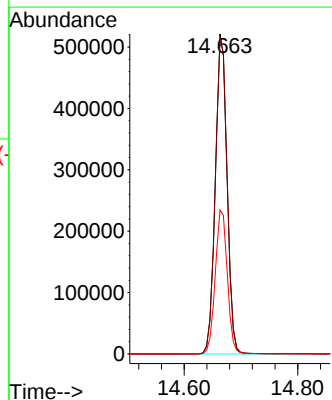
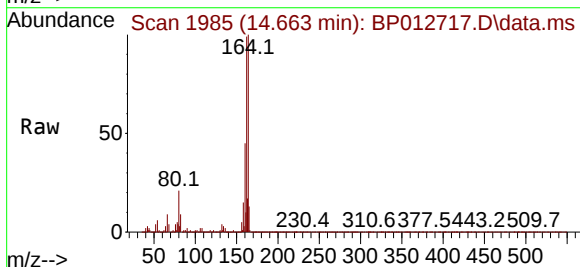
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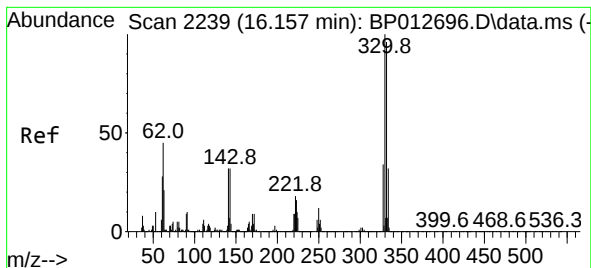
Tgt Ion:113 Resp: 371
Ion Ratio Lower Upper
113 100
55 270.1 158.0 198.0#
56 159.3 114.1 154.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP012717.D
Acq: 23 Nov 2022 18:57

Tgt Ion:164 Resp: 740078
Ion Ratio Lower Upper
164 100
162 98.6 81.3 121.9
160 45.0 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 131.093 ng

RT: 16.151 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP012717.D

Acq: 23 Nov 2022 18:57

Instrument :

BNA_P

ClientSampleId :

MH-84

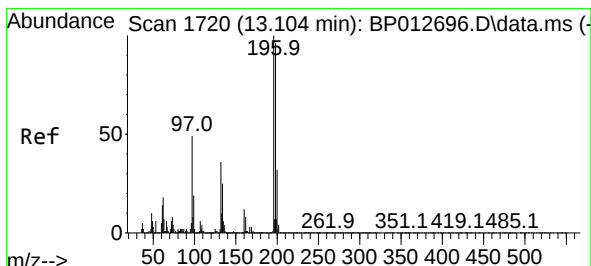
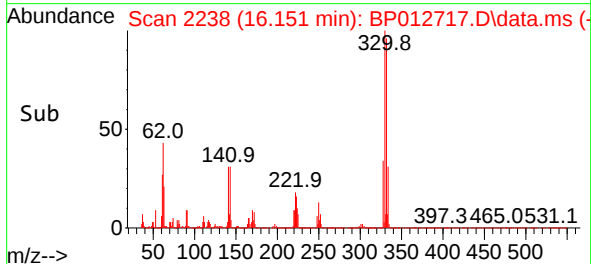
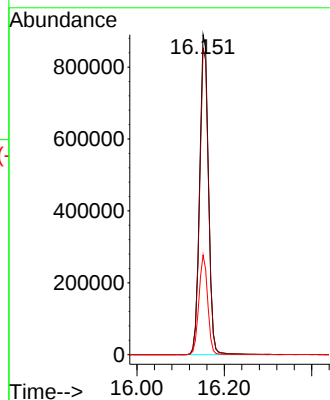
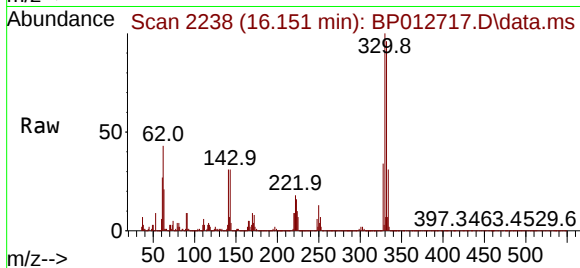
Tgt Ion:330 Resp: 1254671

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.4

141 30.9 25.2 37.8



#43

2,4,6-Trichlorophenol

Concen: 4.186 ng

RT: 13.098 min Scan# 1719

Delta R.T. -0.006 min

Lab File: BP012717.D

Acq: 23 Nov 2022 18:57

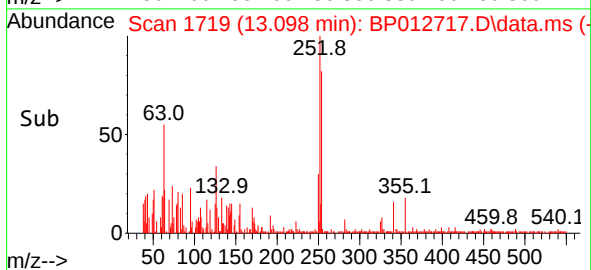
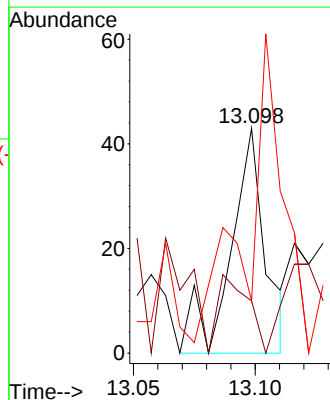
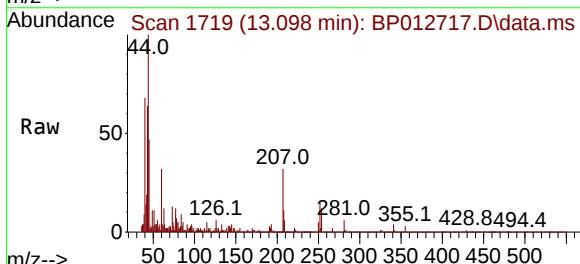
Tgt Ion:196 Resp: 42

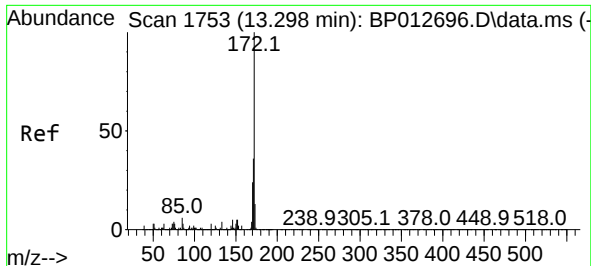
Ion Ratio Lower Upper

196 100

198 16.9 76.6 115.0#

200 16.9 25.2 37.8#

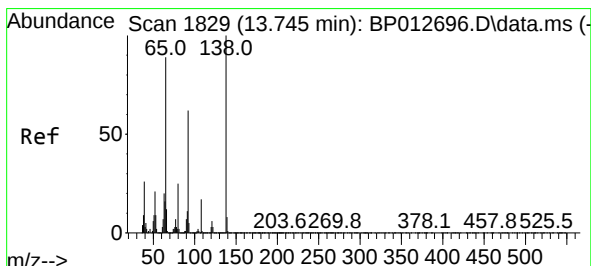
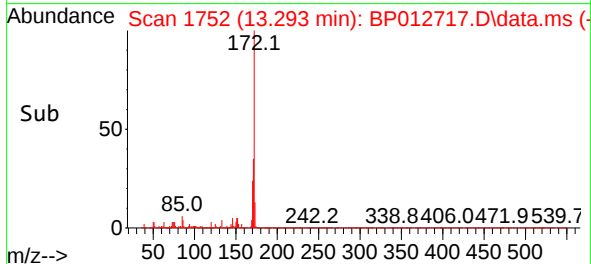
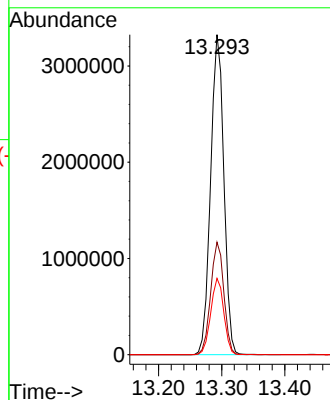
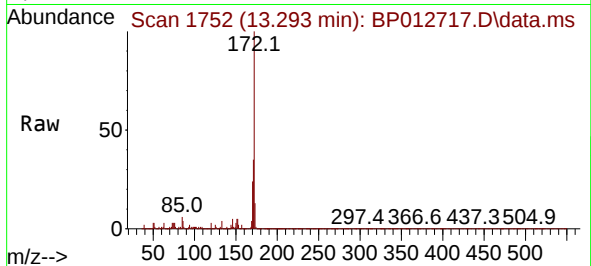




#45
2-Fluorobiphenyl
Concen: 93.193 ng
RT: 13.293 min Scan# 1752
Delta R.T. -0.005 min
Lab File: BP012717.D
Acq: 23 Nov 2022 18:57

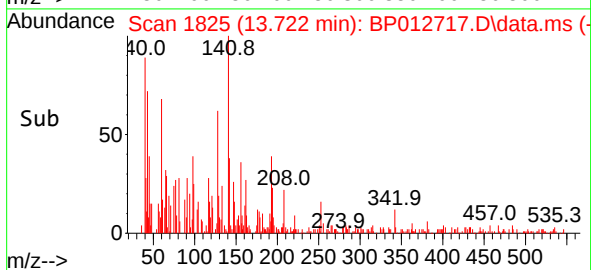
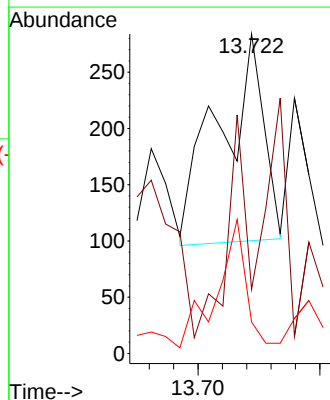
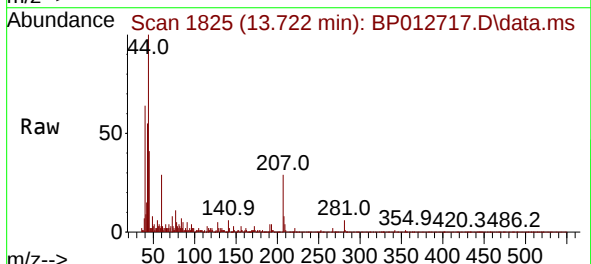
Instrument :
BNA_P
ClientSampleId :
MH-84

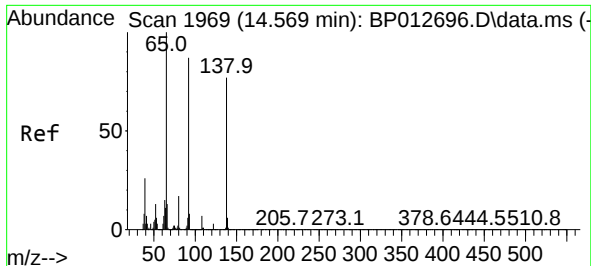
Tgt Ion:172 Resp: 4841145
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.9 19.1 28.7



#48
2-Nitroaniline
Concen: 4.825 ng
RT: 13.722 min Scan# 1825
Delta R.T. -0.023 min
Lab File: BP012717.D
Acq: 23 Nov 2022 18:57

Tgt Ion: 65 Resp: 234
Ion Ratio Lower Upper
65 100
92 20.1 55.4 83.2#
138 9.9 89.5 134.3#

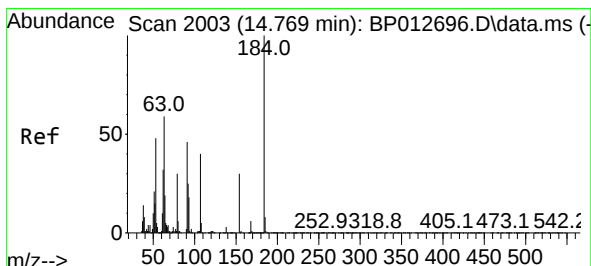
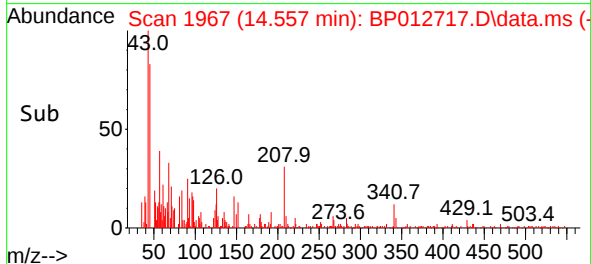
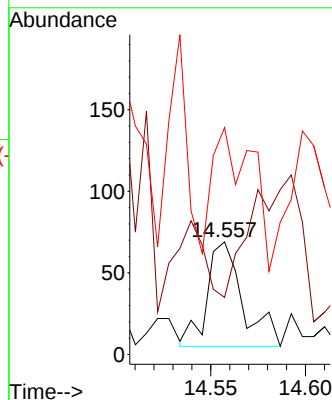
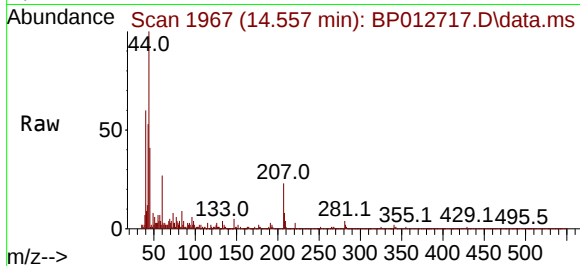




#53
3-Nitroaniline
Concen: 3.682 ng
RT: 14.557 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BP012717.D
Acq: 23 Nov 2022 18:57

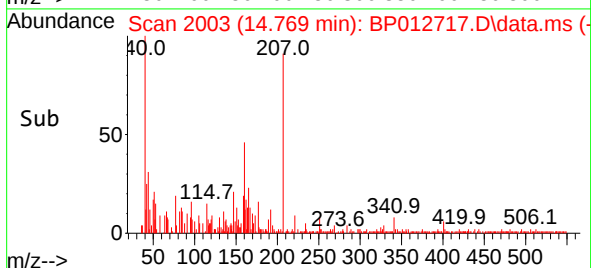
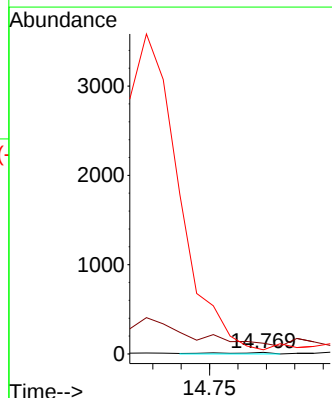
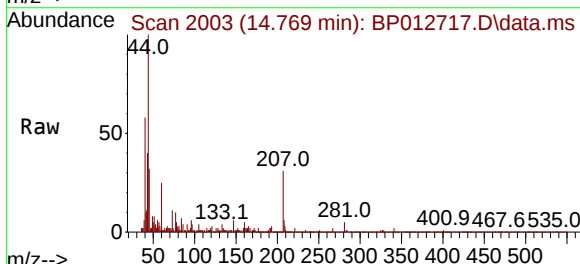
Instrument :
BNA_P
ClientSampleId :
MH-84

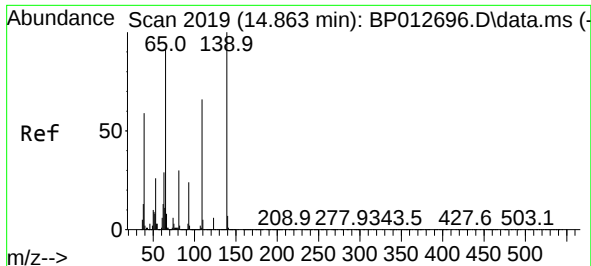
Tgt Ion:138 Resp: 84
Ion Ratio Lower Upper
138 100
108 50.7 7.4 11.2#
92 201.4 91.3 136.9#



#54
2,4-Dinitrophenol
Concen: 3.025 ng
RT: 14.769 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BP012717.D
Acq: 23 Nov 2022 18:57

Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 700.0 50.0 75.0#
154 276.5 45.5 68.3#

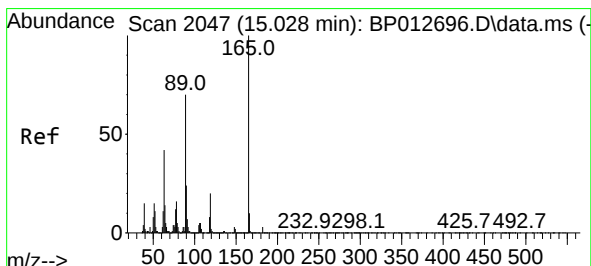
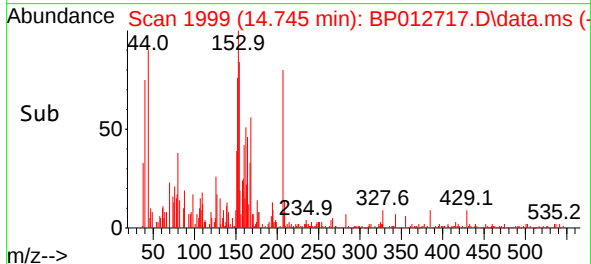
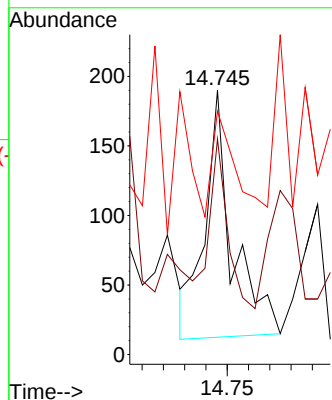
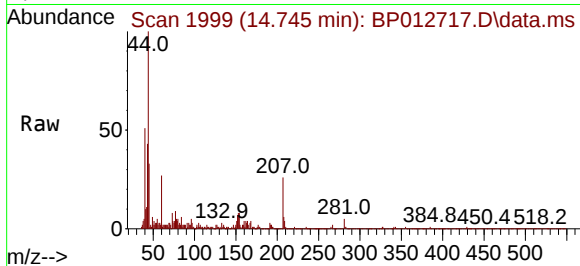




#56
4-Nitrophenol
Concen: 5.713 ng
RT: 14.745 min Scan# 1999
Delta R.T. -0.118 min
Lab File: BP012717.D
Acq: 23 Nov 2022 18:57

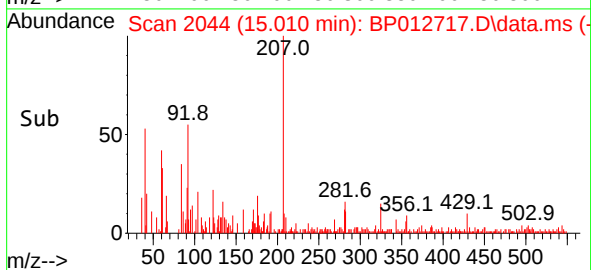
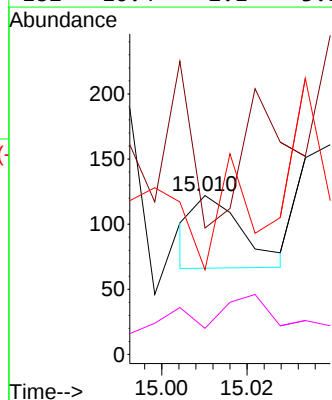
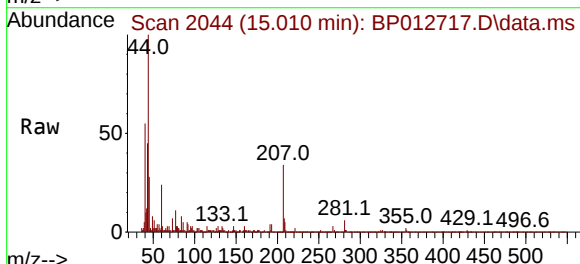
Instrument :
BNA_P
ClientSampleId :
MH-84

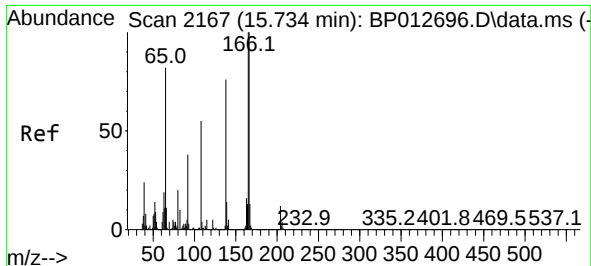
Tgt Ion:	139	Resp:	158
Ion	Ratio	Lower	Upper
139	100		
109	81.6	46.1	86.1
65	92.1	72.5	112.5



#57
2,4-Dinitrotoluene
Concen: 3.555 ng
RT: 15.010 min Scan# 2044
Delta R.T. -0.018 min
Lab File: BP012717.D
Acq: 23 Nov 2022 18:57

Tgt Ion:	165	Resp:	44
Ion	Ratio	Lower	Upper
165	100		
63	79.5	33.7	50.5#
89	53.3	56.3	84.5#
182	16.4	2.1	3.1#

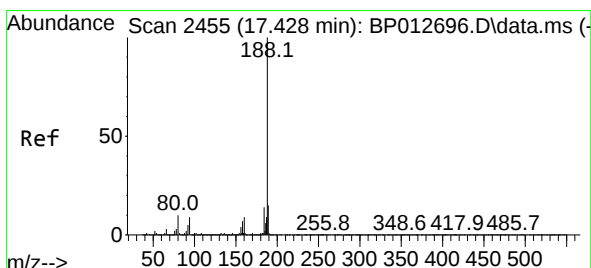
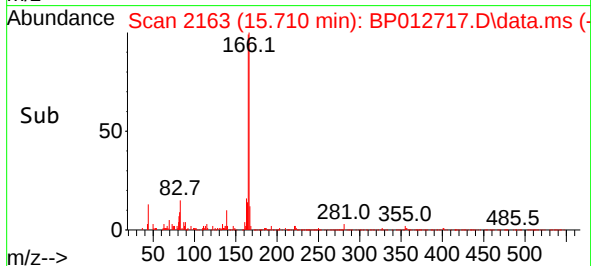
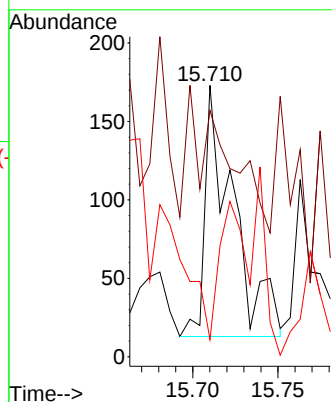
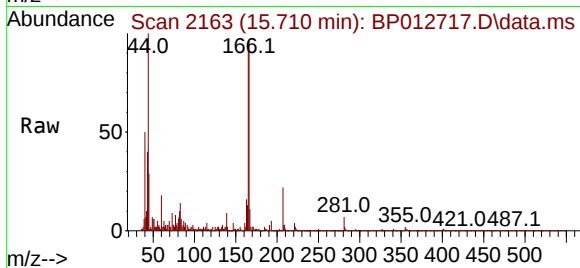




#62
4-Nitroaniline
Concen: 4.620 ng
RT: 15.710 min Scan# 2167
Delta R.T. -0.024 min
Lab File: BP012717.D
Acq: 23 Nov 2022 18:57

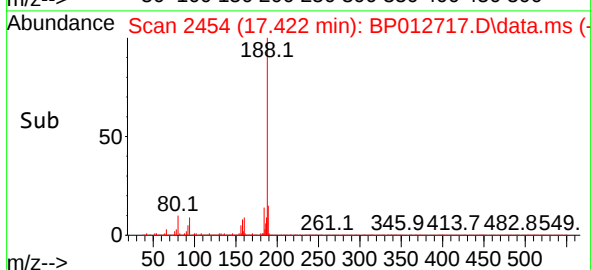
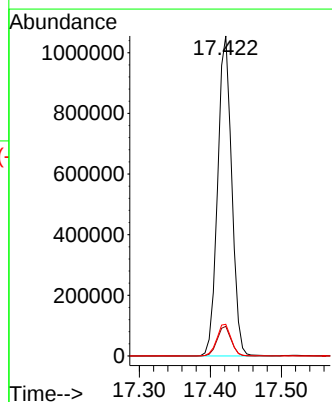
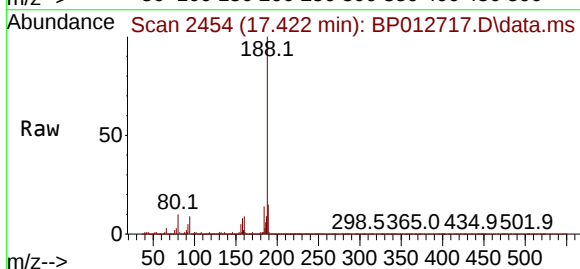
Instrument :
BNA_P
ClientSampleId :
MH-84

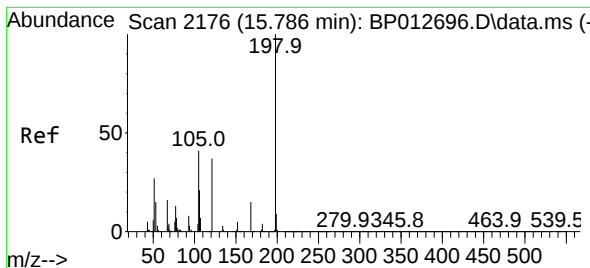
Tgt Ion:138 Resp: 184
Ion Ratio Lower Upper
138 100
92 90.8 29.6 69.6#
108 6.4 51.4 91.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.422 min Scan# 2454
Delta R.T. -0.006 min
Lab File: BP012717.D
Acq: 23 Nov 2022 18:57

Tgt Ion:188 Resp: 1445213
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.9 7.8 11.6

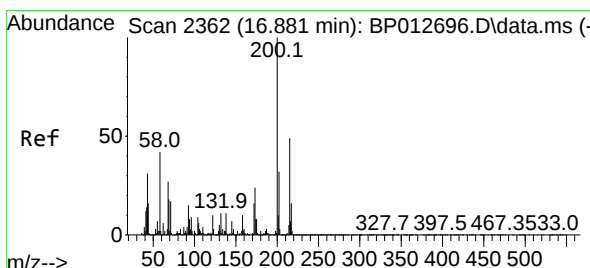
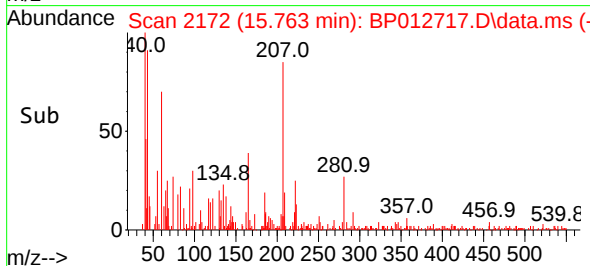
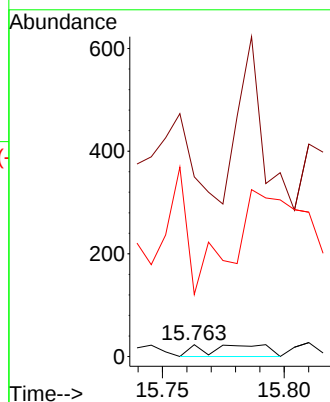
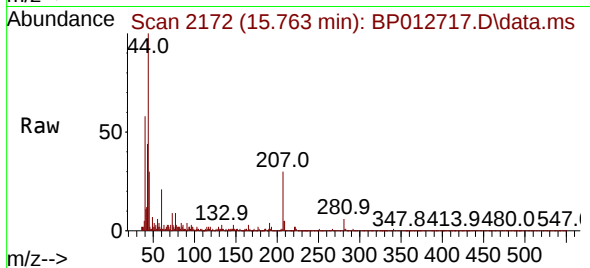




#65
4,6-Dinitro-2-methylphenol
Concen: 3.690 ng
RT: 15.763 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP012717.D
Acq: 23 Nov 2022 18:57

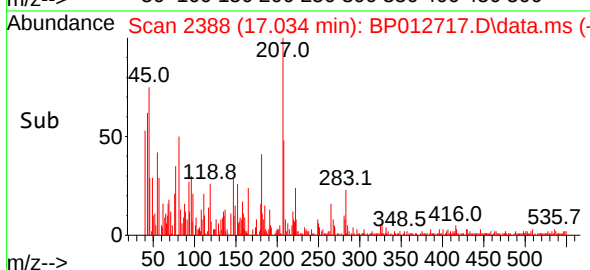
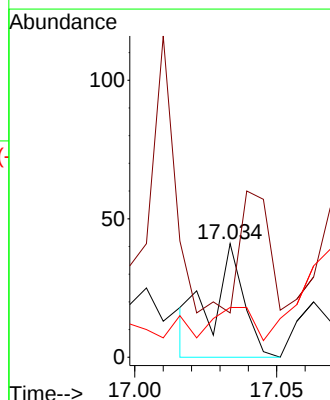
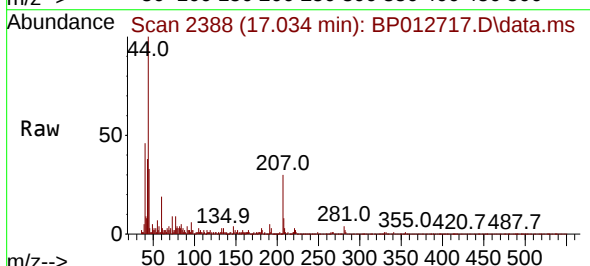
Instrument :
BNA_P
ClientSampleId :
MH-84

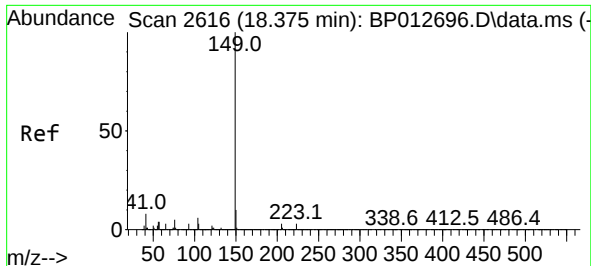
Tgt Ion:198 Resp: 40
Ion Ratio Lower Upper
198 100
51 1521.7 25.7 65.7#
105 604.3 22.8 62.8#



#69
Atrazine
Concen: 4.029 ng
RT: 17.034 min Scan# 2388
Delta R.T. 0.153 min
Lab File: BP012717.D
Acq: 23 Nov 2022 18:57

Tgt Ion:200 Resp: 32
Ion Ratio Lower Upper
200 100
173 39.0 4.3 44.3
215 43.9 29.5 69.5

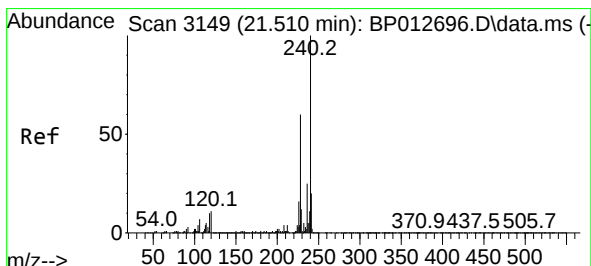
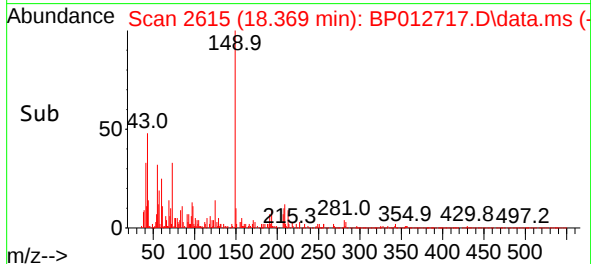
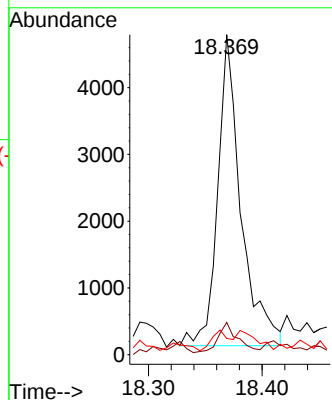
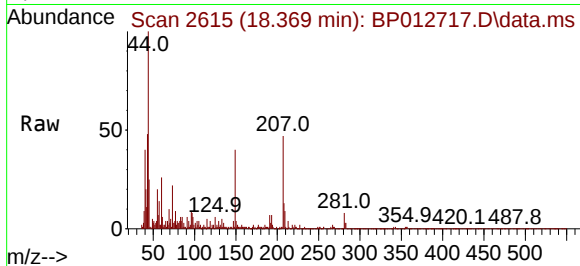




#74
Di-n-butylphthalate
Concen: 5.779 ng
RT: 18.369 min Scan# 2615
Delta R.T. -0.006 min
Lab File: BP012717.D
Acq: 23 Nov 2022 18:57

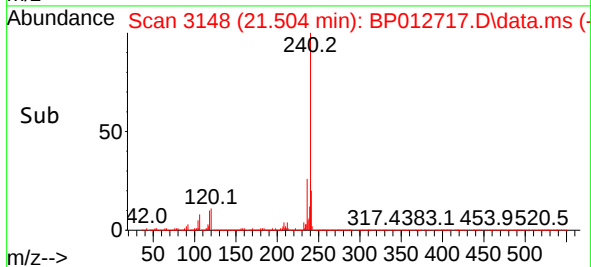
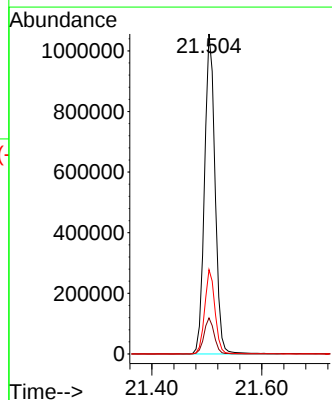
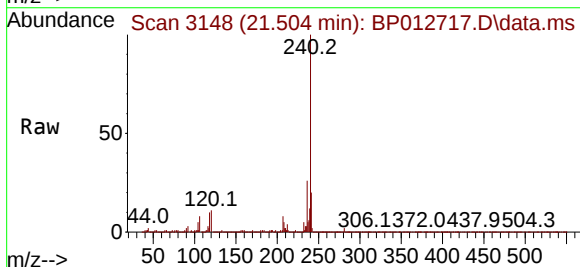
Instrument :
BNA_P
ClientSampleId :
MH-84

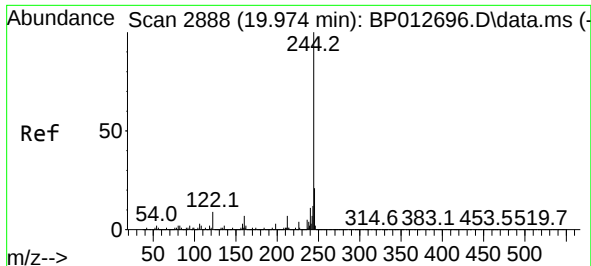
Tgt Ion:	149	Resp:	6634
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.7	11.5
104	5.0	4.6	6.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.504 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BP012717.D
Acq: 23 Nov 2022 18:57

Tgt Ion:	240	Resp:	1408356
Ion Ratio	Lower	Upper	
240	100		
120	11.2	8.6	12.8
236	26.4	20.4	30.6

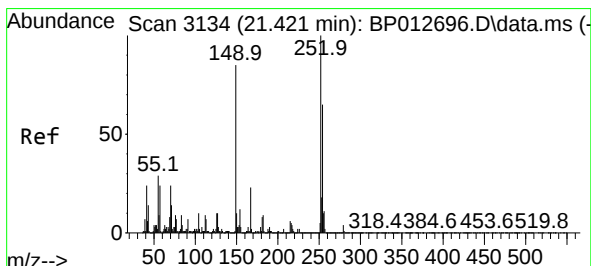
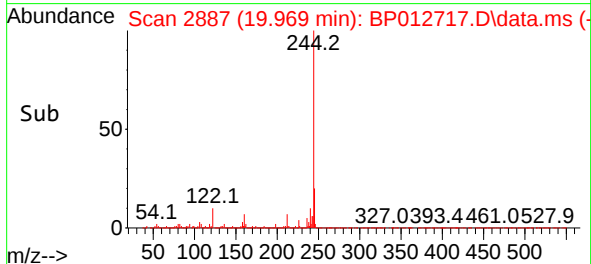
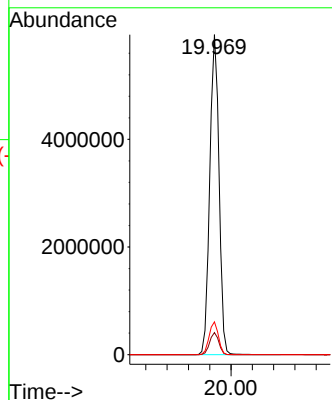
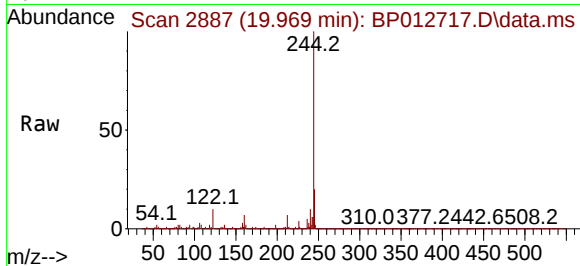




#79
 Terphenyl-d14
 Concen: 108.035 ng
 RT: 19.969 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP012717.D
 Acq: 23 Nov 2022 18:57

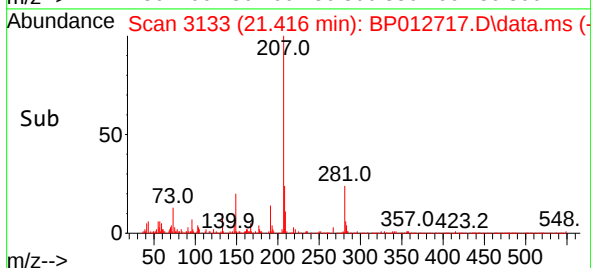
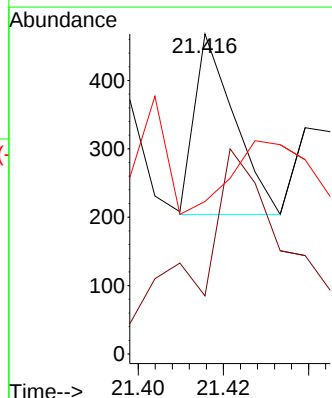
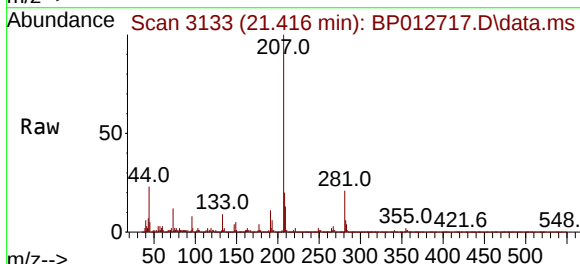
Instrument :
 BNA_P
 ClientSampleId :
 MH-84

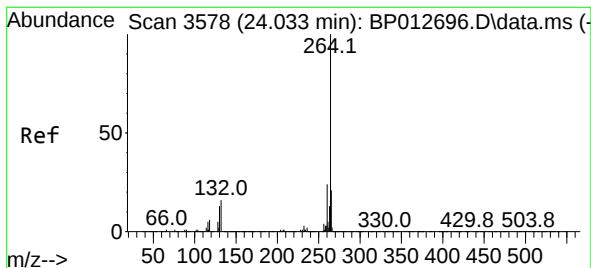
Tgt Ion:244 Resp: 7158846
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 10.2 6.9 10.3



#82
 3,3'-Dichlorobenzidine
 Concen: 8.623 ng
 RT: 21.416 min Scan# 3133
 Delta R.T. -0.005 min
 Lab File: BP012717.D
 Acq: 23 Nov 2022 18:57

Tgt Ion:252 Resp: 171
 Ion Ratio Lower Upper
 252 100
 254 18.2 51.7 77.5#
 126 47.6 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: BP012717.D

Acq: 23 Nov 2022 18:57

Instrument :

BNA_P

ClientSampleId :

MH-84

Tgt Ion:264 Resp: 1595731

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 21.6 17.1 25.7

