

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112322\
 Data File : BP012710.D
 Acq On : 23 Nov 2022 14:57
 Operator : CG/JU
 Sample : N5742-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB111722

Quant Time: Nov 24 02:28:26 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)

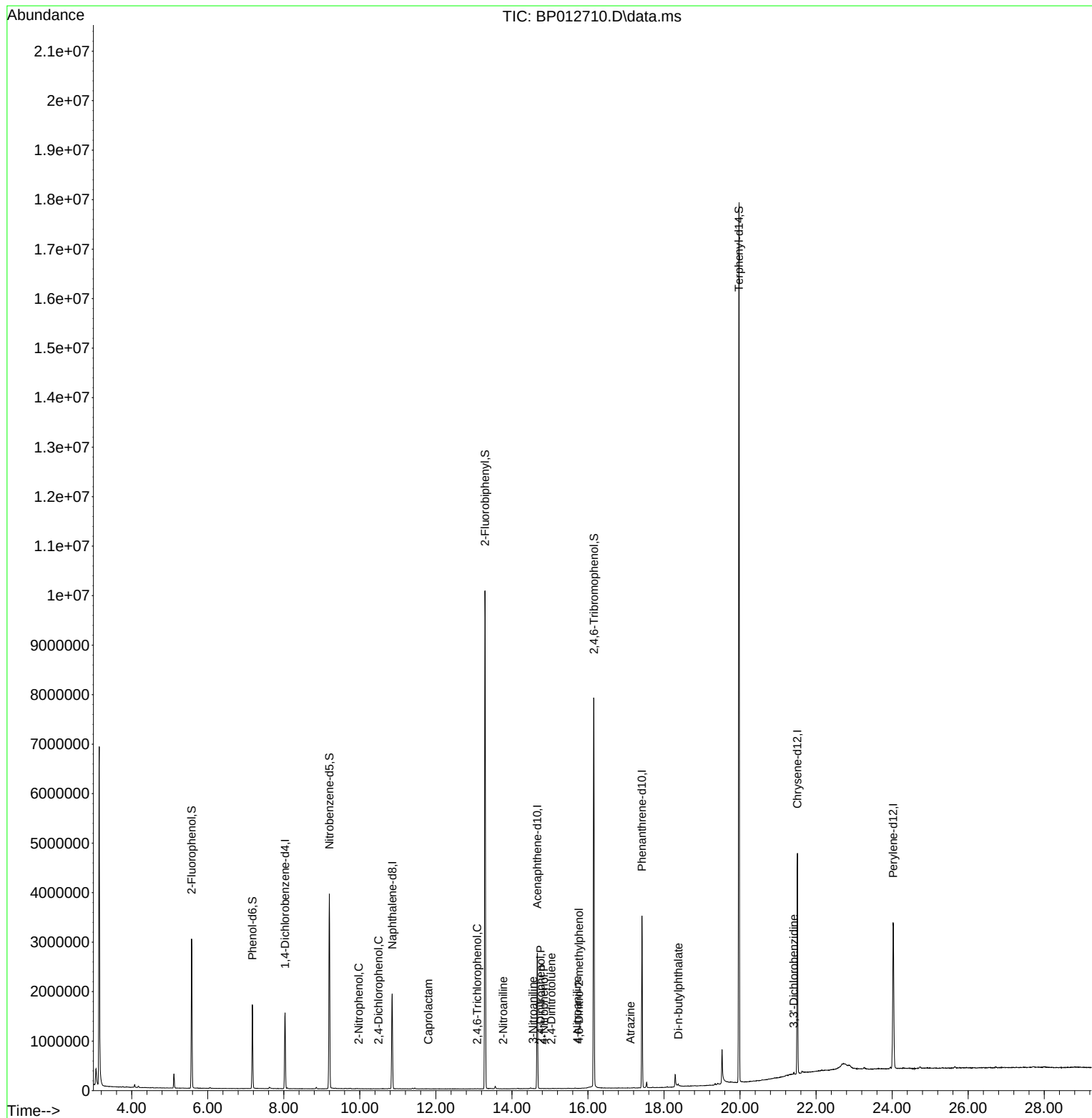
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	428638	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	1621274	20.000	ng	0.00
39) Acenaphthene-d10	14.669	164	958240	20.000	ng	0.00
64) Phenanthrene-d10	17.422	188	2043517	20.000	ng	0.00
76) Chrysene-d12	21.510	240	2232580	20.000	ng	0.00
86) Perylene-d12	24.027	264	2373101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1336957	67.573	ng	0.00
7) Phenol-d6	7.175	99	975532	34.380	ng	0.00
23) Nitrobenzene-d5	9.198	82	2131450	73.320	ng	0.00
42) 2,4,6-Tribromophenol	16.157	330	1631793	131.623	ng	0.00
45) 2-Fluorobiphenyl	13.292	172	5482018	81.504	ng	0.00
79) Terphenyl-d14	19.974	244	9040939	86.068	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.169	77	3765	Below Cal	#	49
26) 2-Nitrophenol	9.969	139	61	4.414 ng	#	1
29) 2,4-Dichlorophenol	10.493	162	16	2.206 ng	#	1
32) Benzoic acid	10.134	122	174	Below Cal	#	1
35) Caprolactam	11.804	113	780	2.882 ng	#	71
43) 2,4,6-Trichlorophenol	13.087	196	44	4.185 ng	#	69
48) 2-Nitroaniline	13.769	65	71	4.811 ng	#	31
53) 3-Nitroaniline	14.557	138	118	3.683 ng	#	50
54) 2,4-Dinitrophenol	14.757	184	36	3.028 ng	#	1
56) 4-Nitrophenol	14.839	139	144	5.709 ng		84
57) 2,4-Dinitrotoluene	15.039	165	160	3.560 ng	#	46
62) 4-Nitroaniline	15.722	138	47	4.610 ng	#	58
65) 4,6-Dinitro-2-methylph...	15.763	198	243	3.716 ng	#	1
69) Atrazine	17.122	200	10	4.027 ng		71
74) Di-n-butylphthalate	18.374	149	30087	5.951 ng		100
80) Butylbenzylphthalate	20.651	149	396	Below Cal	#	1
82) 3,3'-Dichlorobenzidine	21.415	252	551	8.629 ng	#	35
84) Bis(2-ethylhexyl)phtha...	21.415	149	14357	Below Cal		99
85) Di-n-octyl phthalate	22.380	149	766	Below Cal	#	1

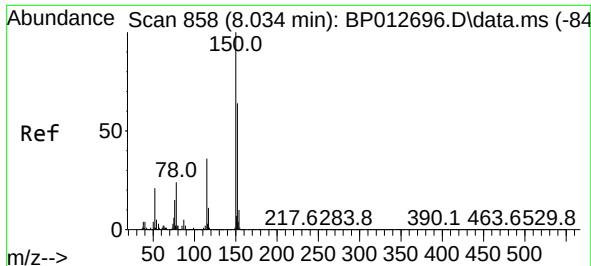
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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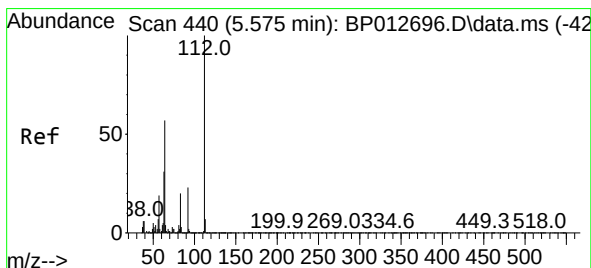
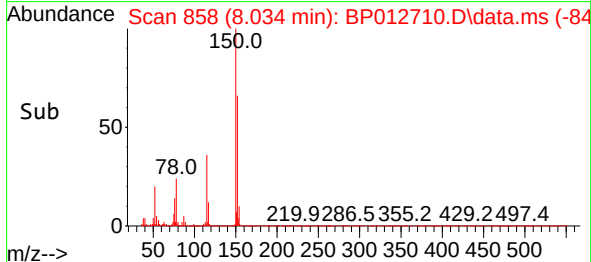
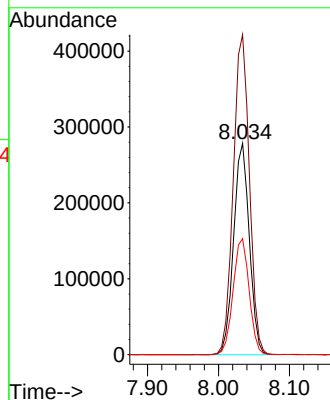
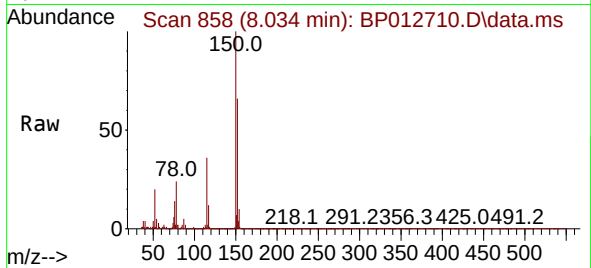




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.034 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP012710.D
Acq: 23 Nov 2022 14:57

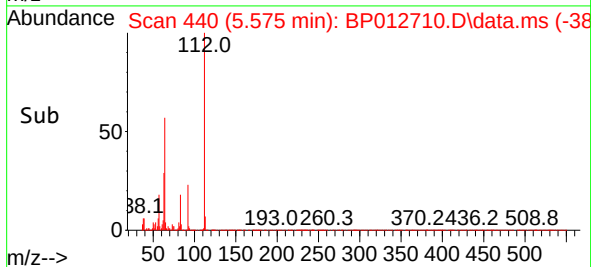
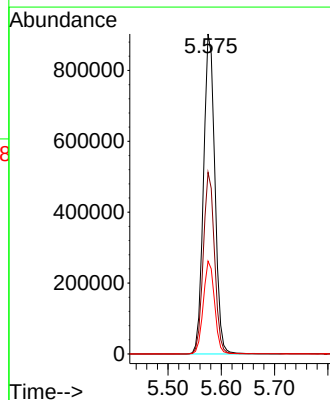
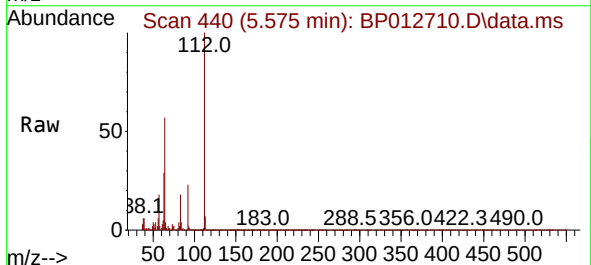
Instrument :
BNA_P
ClientSampleId :
FB111722

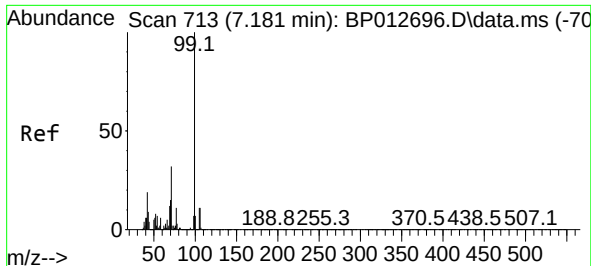
Tgt Ion:152 Resp: 428638
Ion Ratio Lower Upper
152 100
150 151.4 126.0 189.0
115 54.9 44.9 67.3



#5
2-Fluorophenol
Concen: 67.573 ng
RT: 5.575 min Scan# 440
Delta R.T. -0.000 min
Lab File: BP012710.D
Acq: 23 Nov 2022 14:57

Tgt Ion:112 Resp: 1336957
Ion Ratio Lower Upper
112 100
64 56.8 45.4 68.0
63 29.0 24.6 37.0

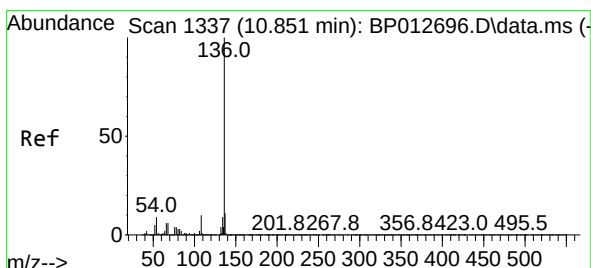
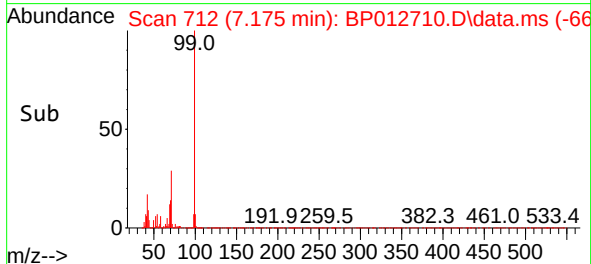
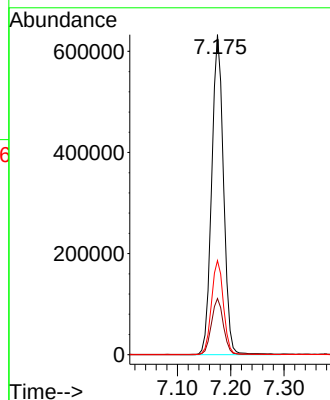
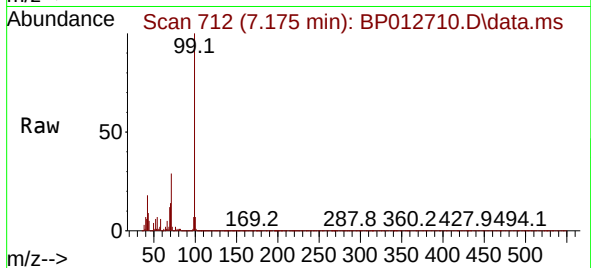




#7
Phenol-d6
Concen: 34.380 ng
RT: 7.175 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP012710.D
Acq: 23 Nov 2022 14:57

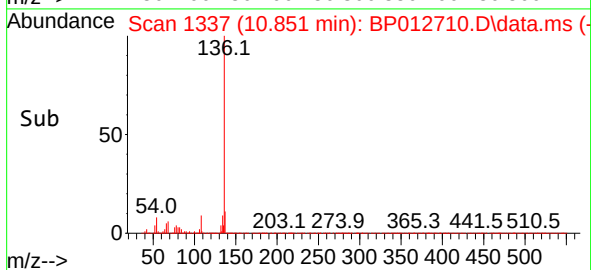
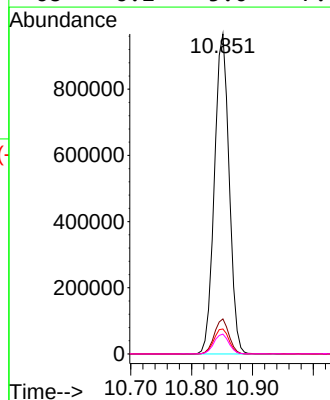
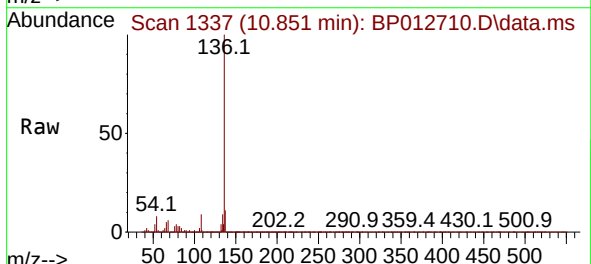
Instrument :
BNA_P
ClientSampleId :
FB111722

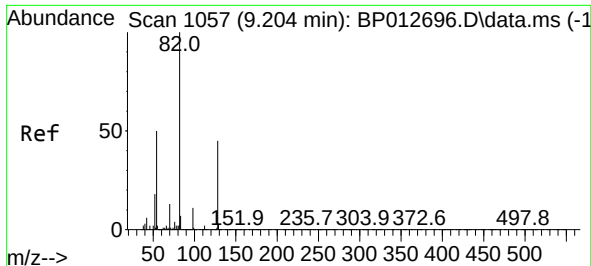
Tgt Ion: 99 Resp: 975532
Ion Ratio Lower Upper
99 100
42 17.6 15.0 22.6
71 29.4 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BP012710.D
Acq: 23 Nov 2022 14:57

Tgt Ion:136 Resp: 1621274
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.8 6.9 10.3
68 6.2 5.0 7.6

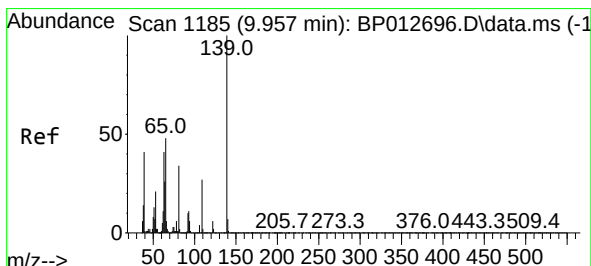
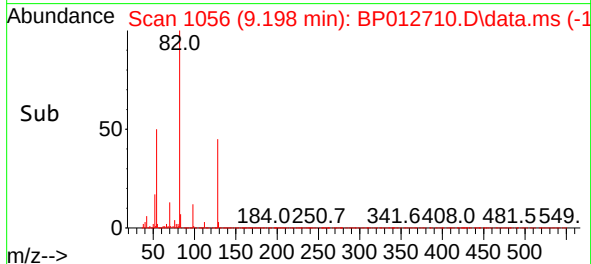
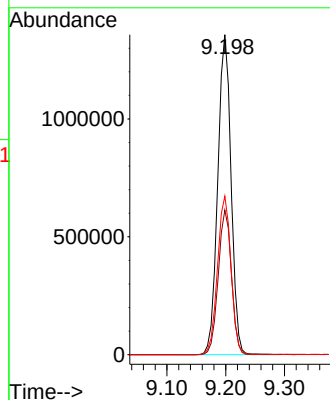
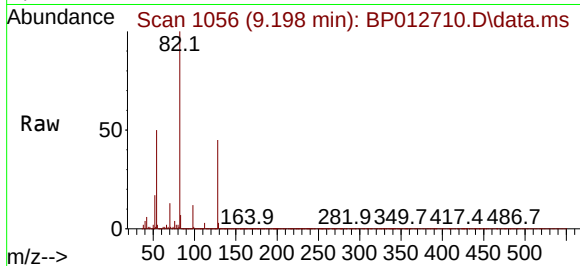




#23
Nitrobenzene-d5
Concen: 73.320 ng
RT: 9.198 min Scan# 11056
Delta R.T. -0.006 min
Lab File: BP012710.D
Acq: 23 Nov 2022 14:57

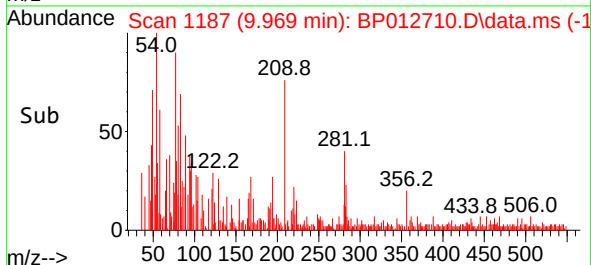
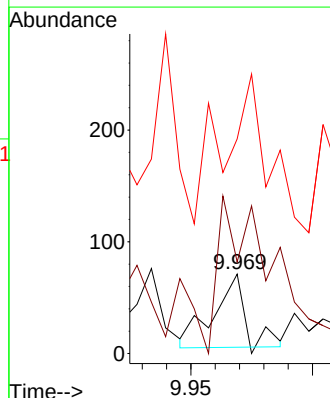
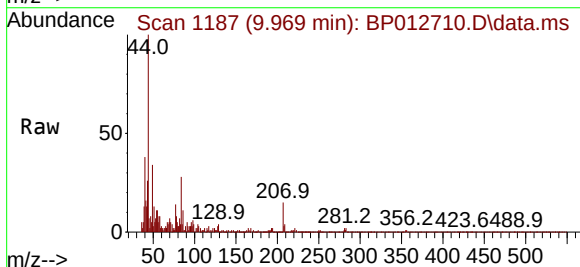
Instrument :
BNA_P
ClientSampleId :
FB111722

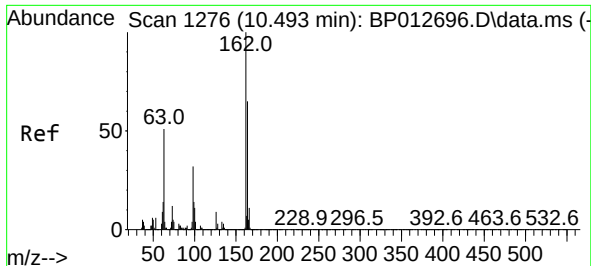
Tgt Ion: 82 Resp: 2131450
Ion Ratio Lower Upper
82 100
128 45.2 35.6 53.4
54 49.6 40.3 60.5



#26
2-Nitrophenol
Concen: 4.414 ng
RT: 9.969 min Scan# 1187
Delta R.T. 0.012 min
Lab File: BP012710.D
Acq: 23 Nov 2022 14:57

Tgt Ion:139 Resp: 61
Ion Ratio Lower Upper
139 100
109 115.5 21.5 32.3#
65 270.4 38.3 57.5#

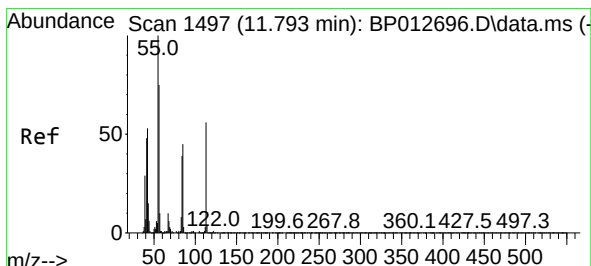
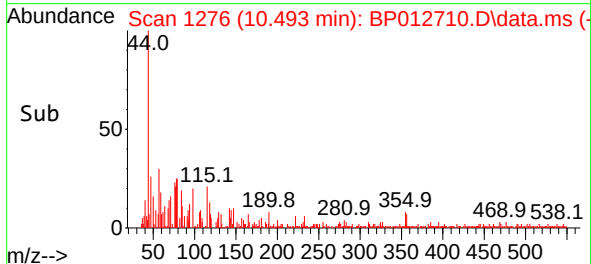
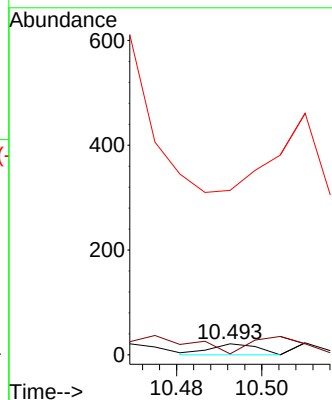
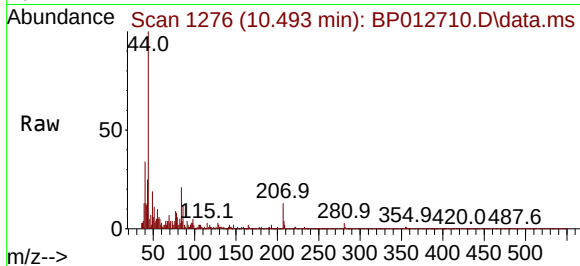




#29
2,4-Dichlorophenol
Concen: 2.206 ng
RT: 10.493 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP012710.D
Acq: 23 Nov 2022 14:57

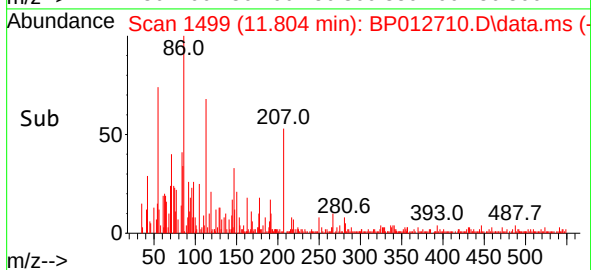
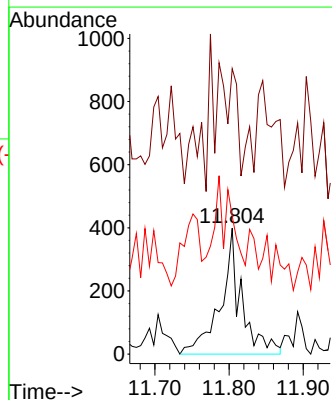
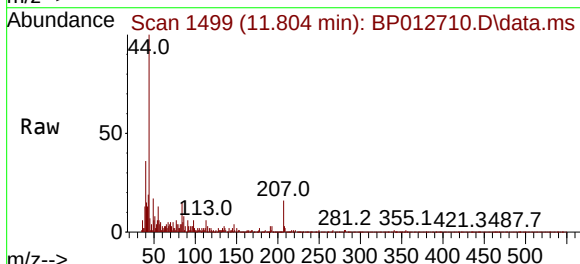
Instrument :
BNA_P
ClientSampleId :
FB111722

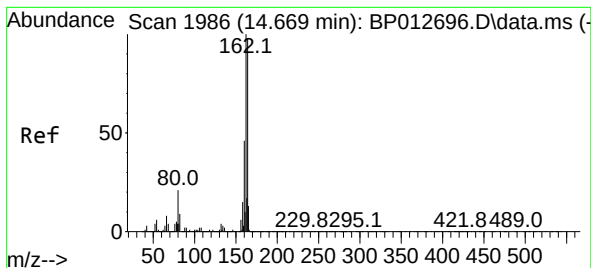
Tgt Ion:162 Resp: 16
Ion Ratio Lower Upper
162 100
164 9.5 44.9 84.9#
98 1495.2 12.5 52.5#



#35
Caprolactam
Concen: 2.882 ng
RT: 11.804 min Scan# 1499
Delta R.T. 0.011 min
Lab File: BP012710.D
Acq: 23 Nov 2022 14:57

Tgt Ion:113 Resp: 780
Ion Ratio Lower Upper
113 100
55 226.6 158.0 198.0#
56 109.5 114.1 154.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.669 min Scan# 1986

Delta R.T. -0.000 min

Lab File: BP012710.D

Acq: 23 Nov 2022 14:57

Instrument :

BNA_P

ClientSampleId :

FB111722

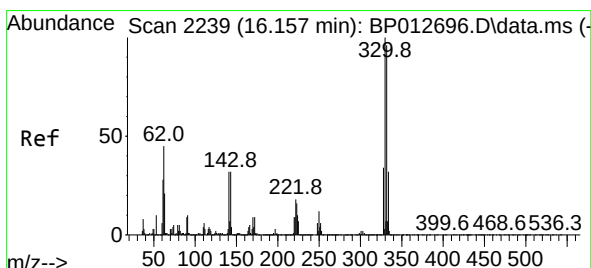
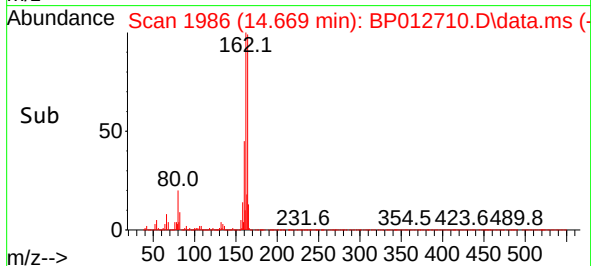
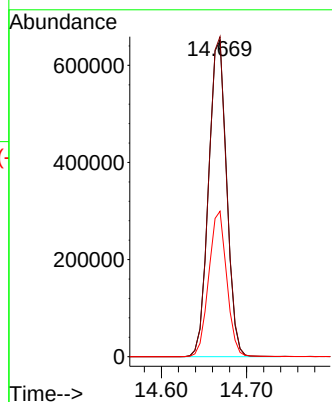
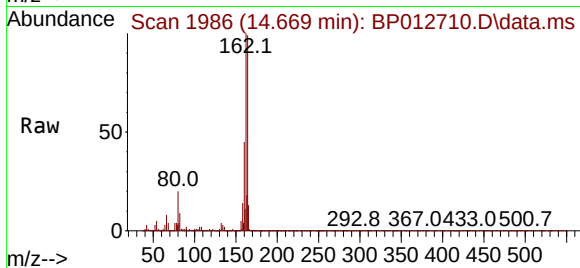
Tgt Ion:164 Resp: 958240

Ion Ratio Lower Upper

164 100

162 101.1 81.3 121.9

160 46.0 37.6 56.4



#42

2,4,6-Tribromophenol

Concen: 131.623 ng

RT: 16.157 min Scan# 2239

Delta R.T. -0.000 min

Lab File: BP012710.D

Acq: 23 Nov 2022 14:57

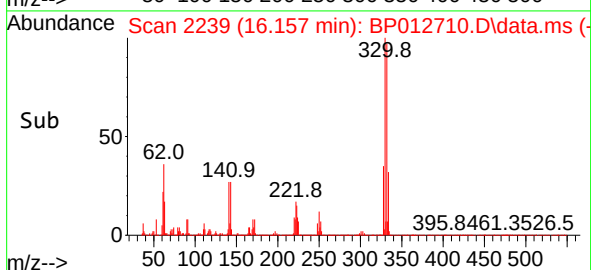
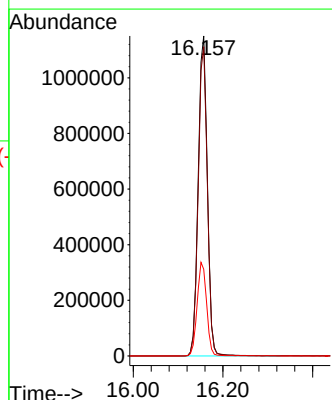
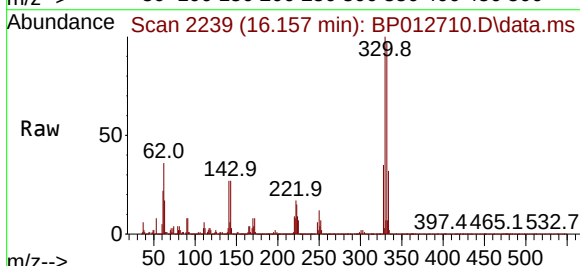
Tgt Ion:330 Resp: 1631793

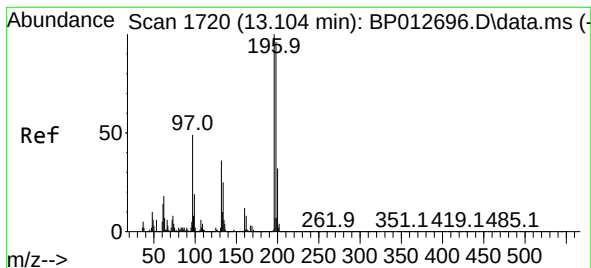
Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.4

141 30.3 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 4.185 ng

RT: 13.087 min Scan# 1

Delta R.T. -0.017 min

Lab File: BP012710.D

Acq: 23 Nov 2022 14:57

Instrument :

BNA_P

ClientSampleId :

FB111722

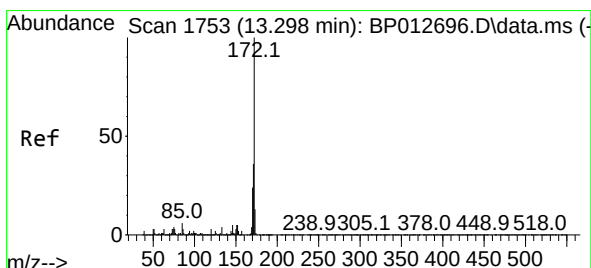
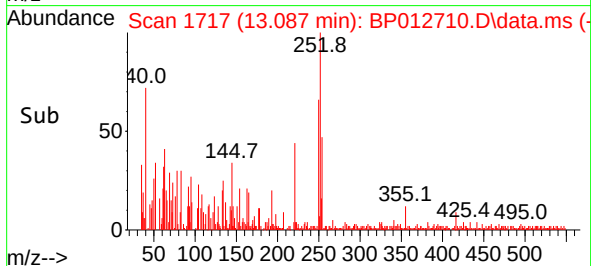
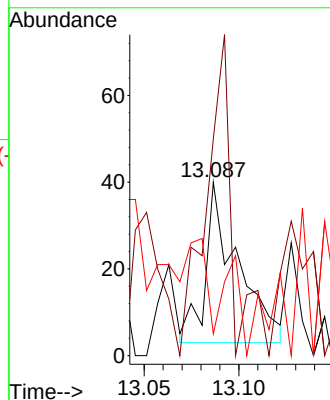
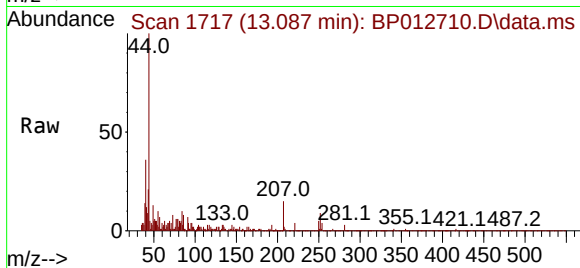
Tgt Ion:196 Resp: 44

Ion Ratio Lower Upper

196 100

198 125.0 76.6 115.0#

200 12.5 25.2 37.8#



#45

2-Fluorobiphenyl

Concen: 81.504 ng

RT: 13.292 min Scan# 1752

Delta R.T. -0.006 min

Lab File: BP012710.D

Acq: 23 Nov 2022 14:57

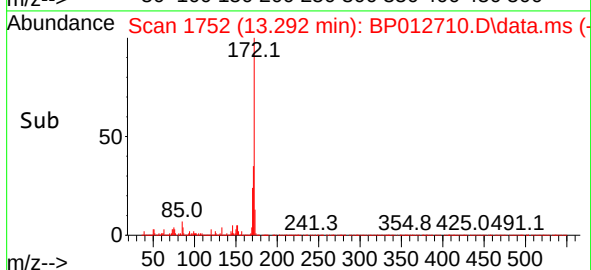
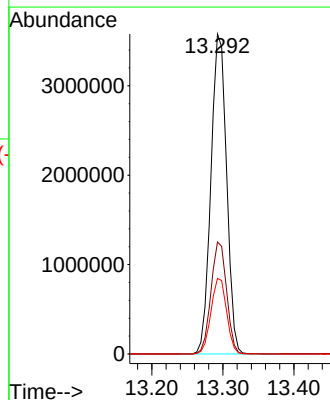
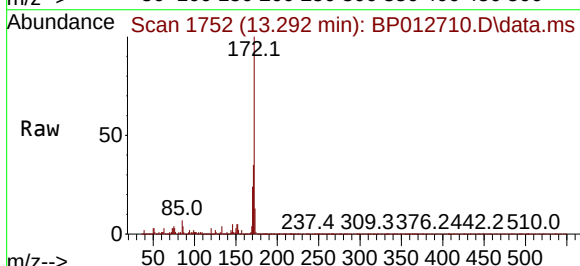
Tgt Ion:172 Resp: 5482018

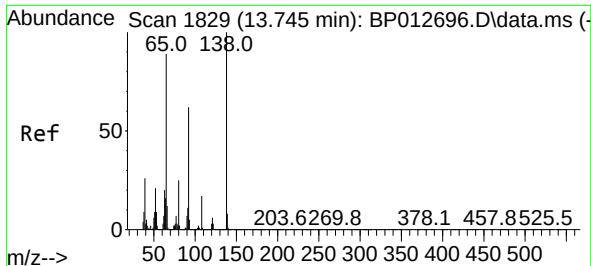
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.6 19.1 28.7

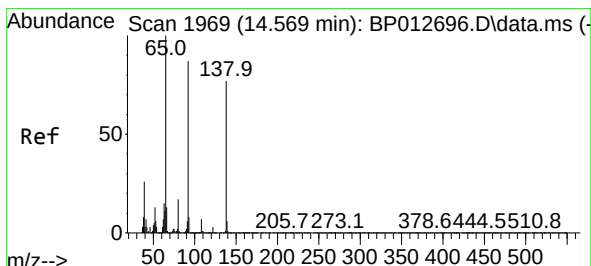
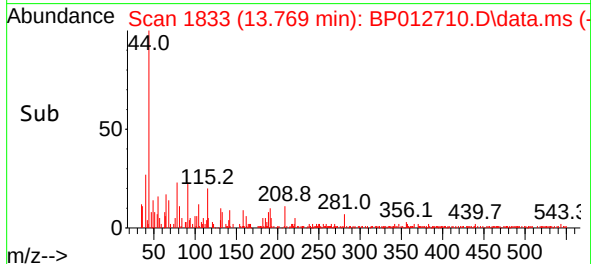
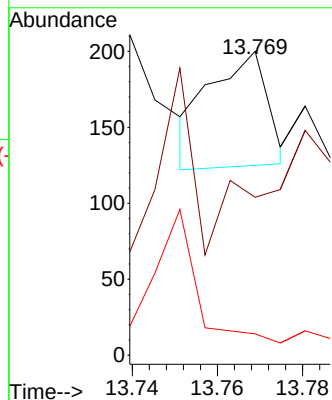
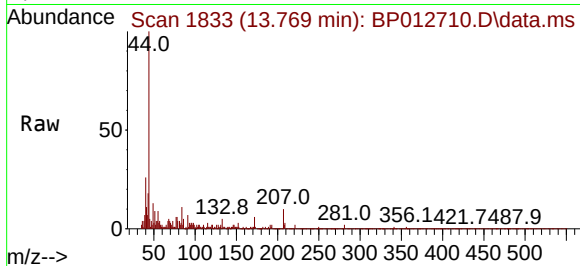




#48
2-Nitroaniline
Concen: 4.811 ng
RT: 13.769 min Scan# 1829
Delta R.T. 0.024 min
Lab File: BP012710.D
Acq: 23 Nov 2022 14:57

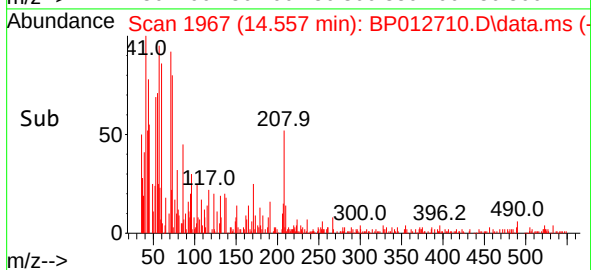
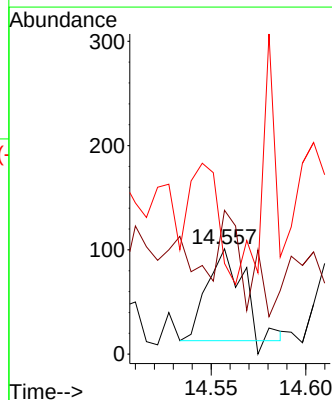
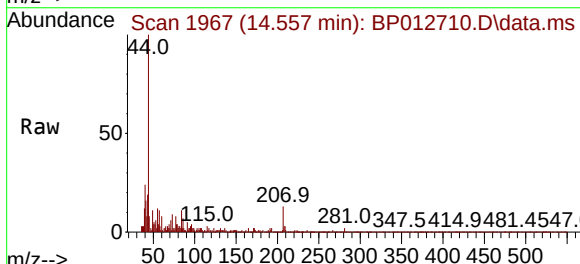
Instrument :
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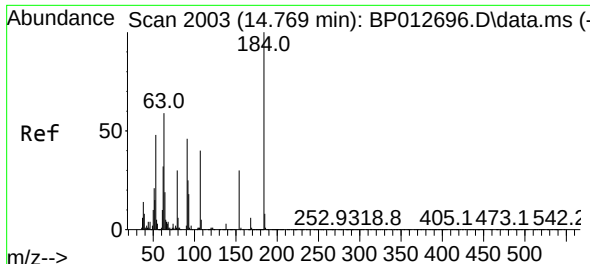
Tgt Ion: 65 Resp: 71
Ion Ratio Lower Upper
65 100
92 52.0 55.4 83.2#
138 7.0 89.5 134.3#



#53
3-Nitroaniline
Concen: 3.683 ng
RT: 14.557 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BP012710.D
Acq: 23 Nov 2022 14:57

Tgt Ion: 138 Resp: 118
Ion Ratio Lower Upper
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108 136.6 7.4 11.2#
92 86.1 91.3 136.9#

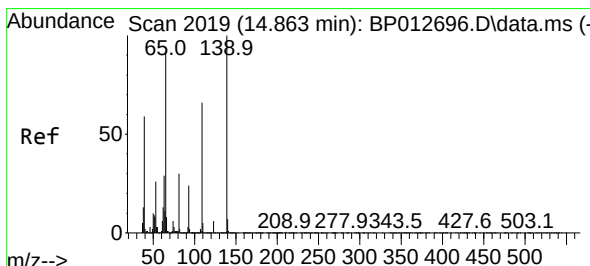
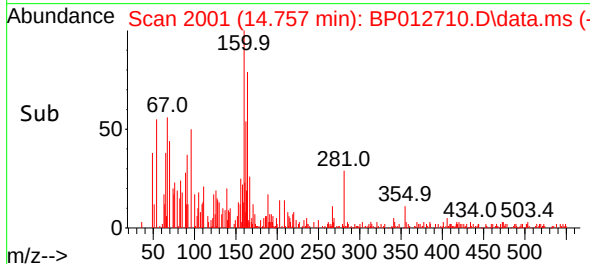
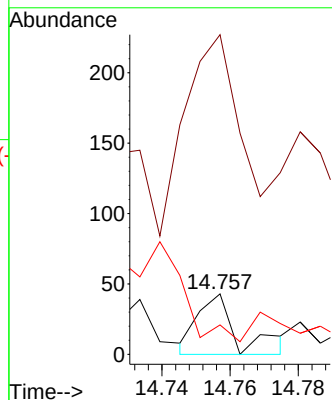
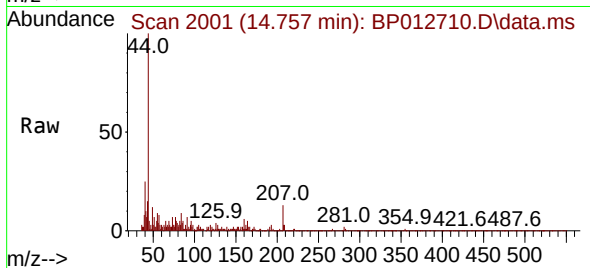




#54
2,4-Dinitrophenol
Concen: 3.028 ng
RT: 14.757 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BP012710.D
Acq: 23 Nov 2022 14:57

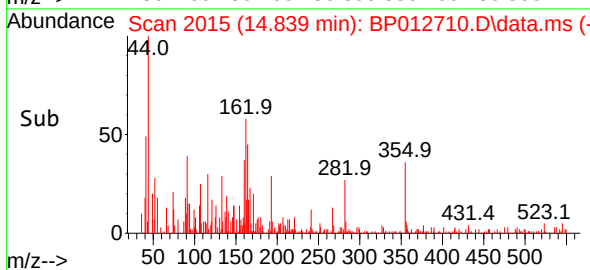
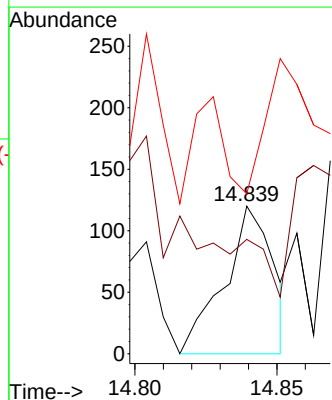
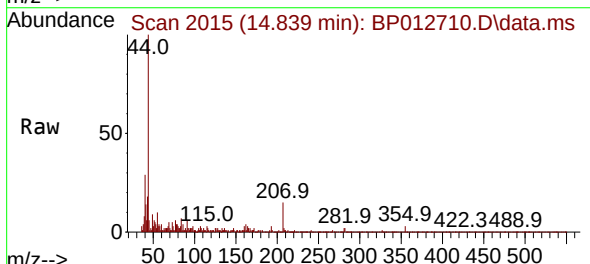
Instrument :
BNA_P
ClientSampleId :
FB111722

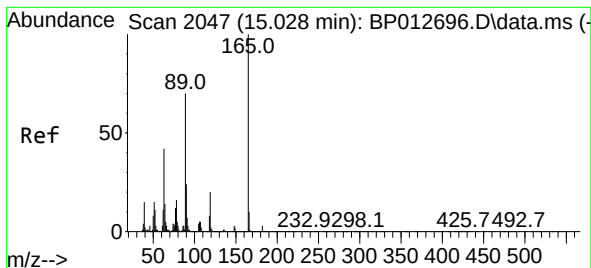
Tgt Ion:184 Resp: 36
Ion Ratio Lower Upper
184 100
63 527.9 50.0 75.0#
154 48.8 45.5 68.3



#56
4-Nitrophenol
Concen: 5.709 ng
RT: 14.839 min Scan# 2015
Delta R.T. -0.024 min
Lab File: BP012710.D
Acq: 23 Nov 2022 14:57

Tgt Ion:139 Resp: 144
Ion Ratio Lower Upper
139 100
109 77.5 46.1 86.1
65 108.3 72.5 112.5





#57

2,4-Dinitrotoluene

Concen: 3.560 ng

RT: 15.039 min Scan# 2047

Delta R.T. 0.011 min

Lab File: BP012710.D

Acq: 23 Nov 2022 14:57

Instrument :

BNA_P

ClientSampleId :

FB111722

Tgt Ion:165 Resp: 160

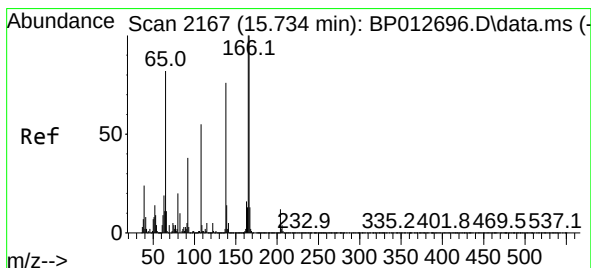
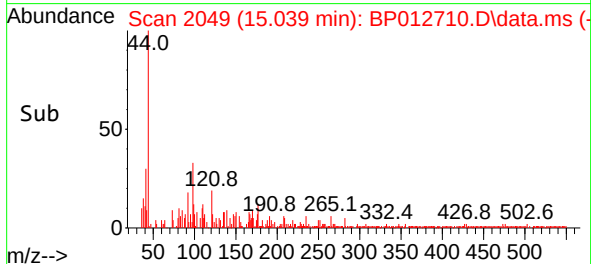
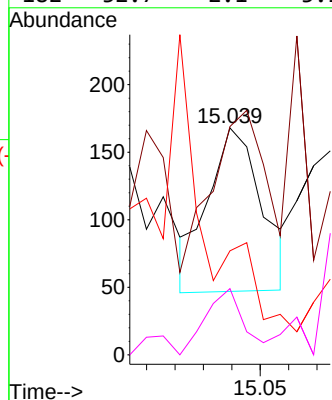
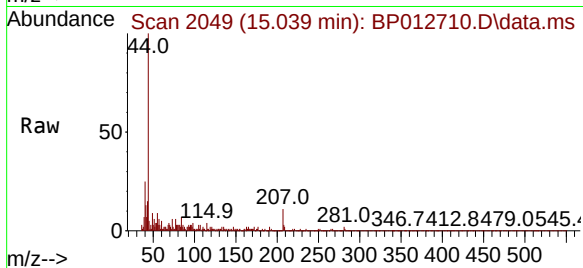
Ion Ratio Lower Upper

165 100

63 100.6 33.7 50.5#

89 45.8 56.3 84.5#

182 32.7 2.1 3.1#



#62

4-Nitroaniline

Concen: 4.610 ng

RT: 15.722 min Scan# 2165

Delta R.T. -0.012 min

Lab File: BP012710.D

Acq: 23 Nov 2022 14:57

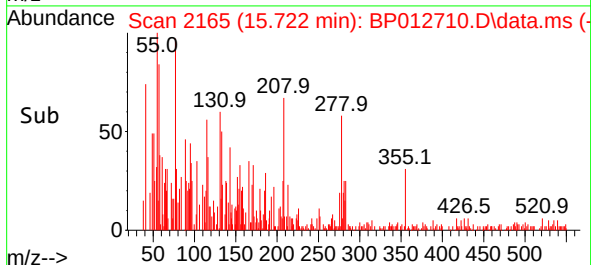
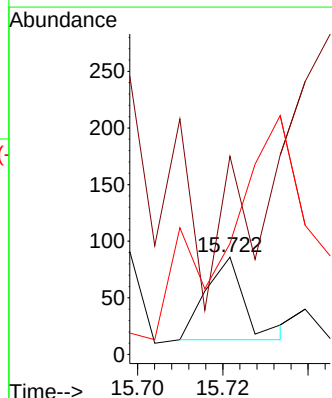
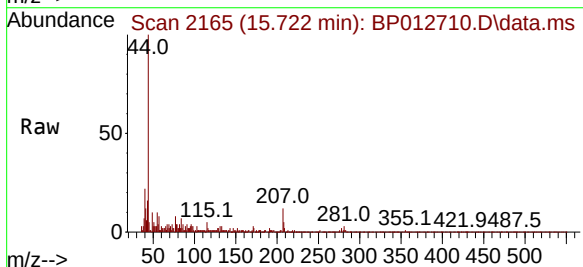
Tgt Ion:138 Resp: 47

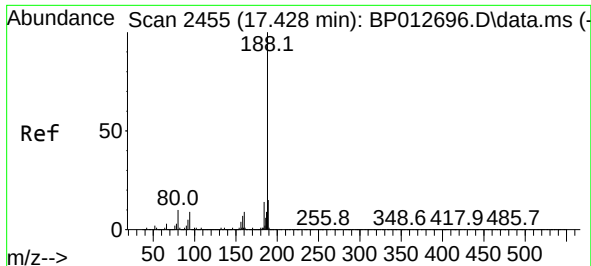
Ion Ratio Lower Upper

138 100

92 102.9 29.6 69.6#

108 57.6 51.4 91.4

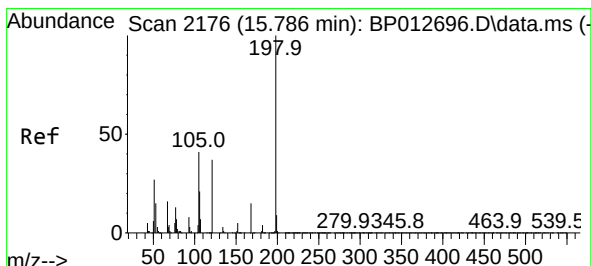
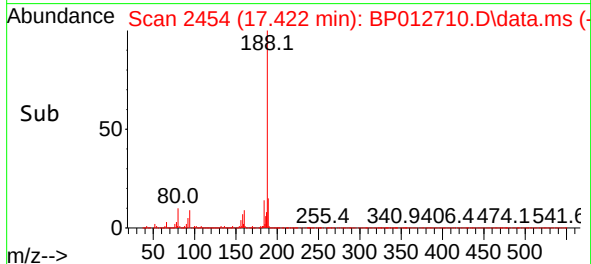
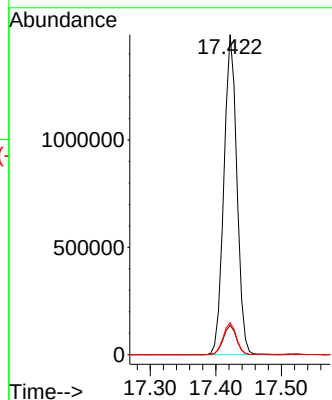
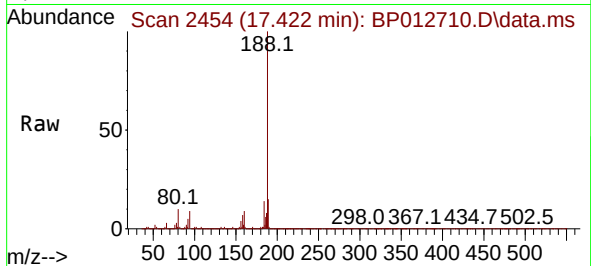




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.422 min Scan# 2455
Delta R.T. -0.006 min
Lab File: BP012710.D
Acq: 23 Nov 2022 14:57

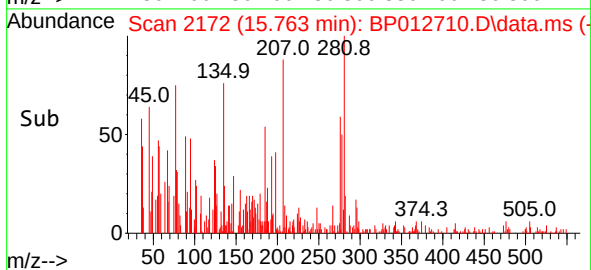
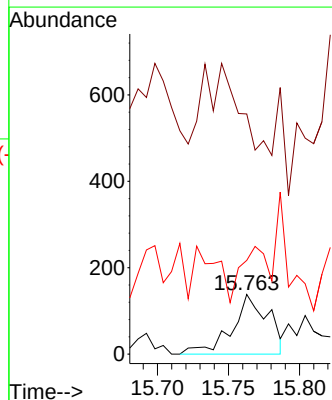
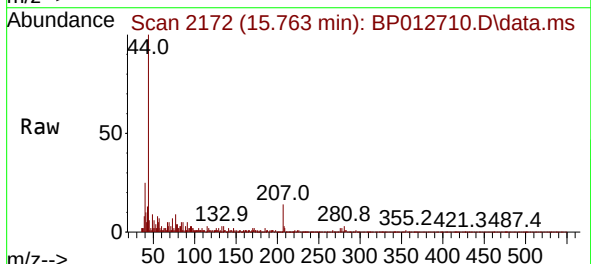
Instrument :
BNA_P
ClientSampleId :
FB111722

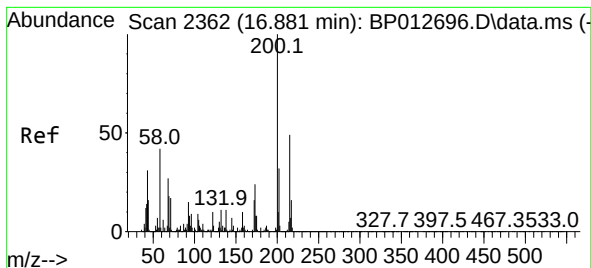
Tgt Ion:188 Resp: 2043517
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.9 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 3.716 ng
RT: 15.763 min Scan# 2172
Delta R.T. -0.023 min
Lab File: BP012710.D
Acq: 23 Nov 2022 14:57

Tgt Ion:198 Resp: 243
Ion Ratio Lower Upper
198 100
51 402.9 25.7 65.7#
105 157.2 22.8 62.8#





#69

Atrazine

Concen: 4.027 ng

RT: 17.122 min Scan# 2403

Delta R.T. 0.241 min

Lab File: BP012710.D

Acq: 23 Nov 2022 14:57

Instrument :

BNA_P

ClientSampleId :

FB111722

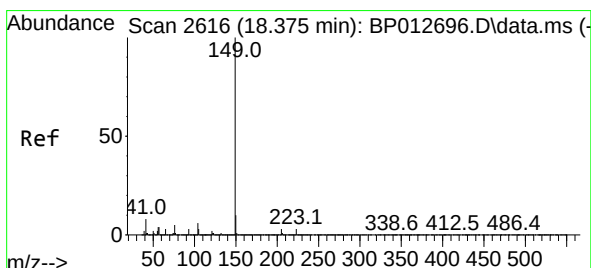
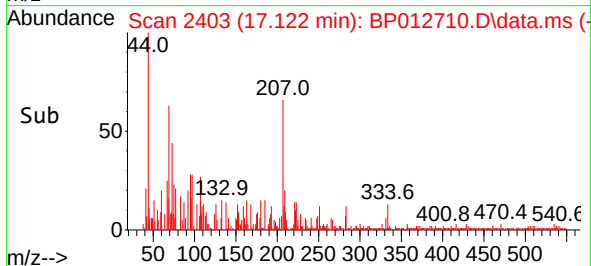
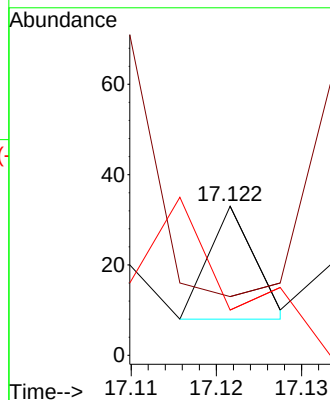
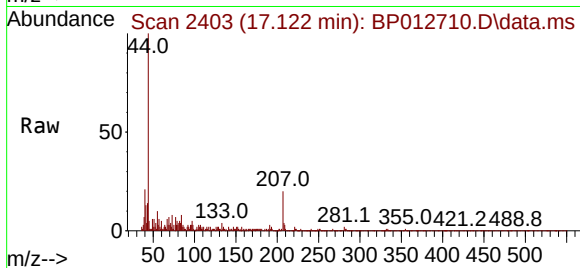
Tgt Ion:200 Resp: 10

Ion Ratio Lower Upper

200 100

173 39.4 4.3 44.3

215 30.3 29.5 69.5



#74

Di-n-butylphthalate

Concen: 5.951 ng

RT: 18.374 min Scan# 2616

Delta R.T. -0.001 min

Lab File: BP012710.D

Acq: 23 Nov 2022 14:57

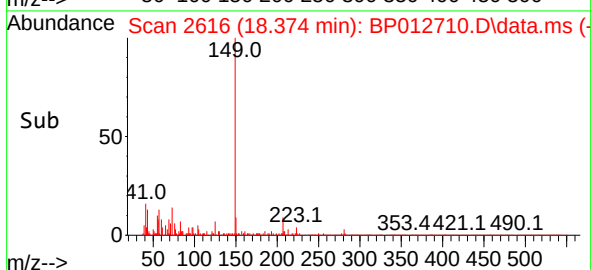
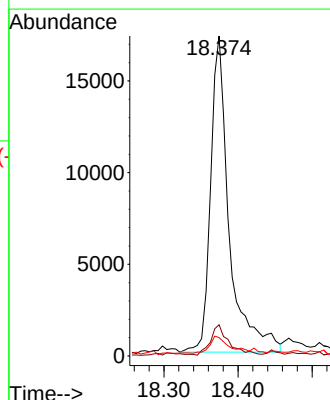
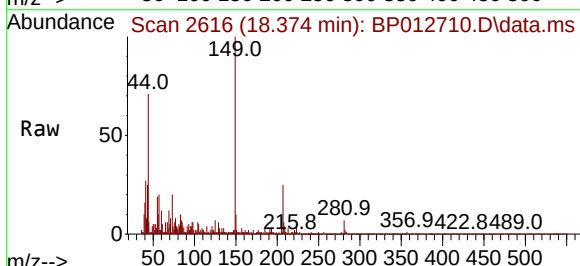
Tgt Ion:149 Resp: 30087

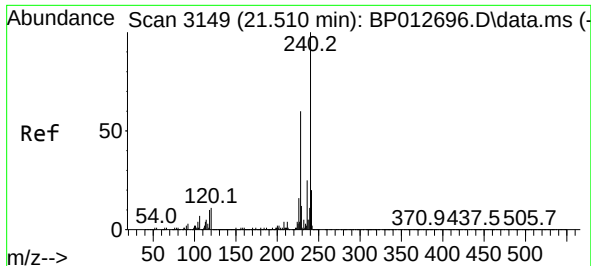
Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

104 5.7 4.6 6.8

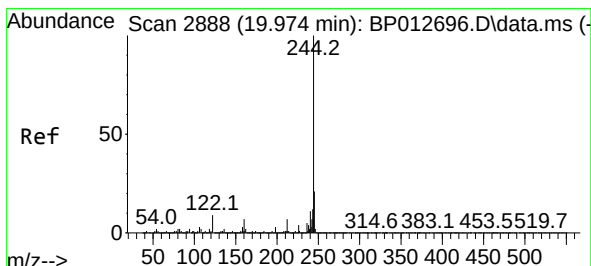
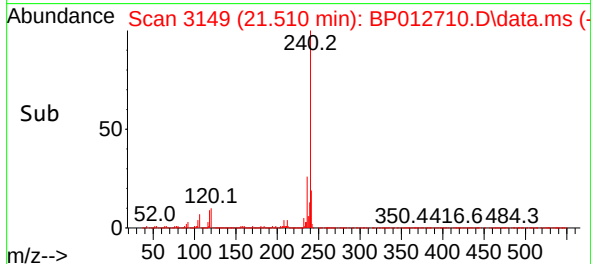
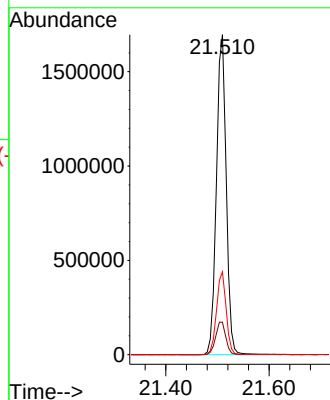
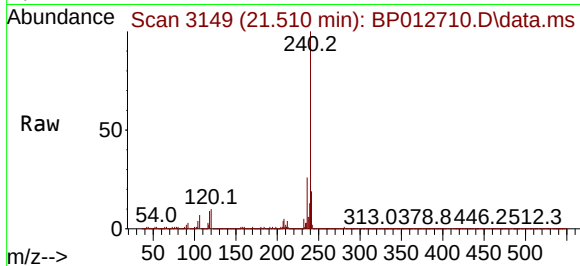




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BP012710.D
Acq: 23 Nov 2022 14:57

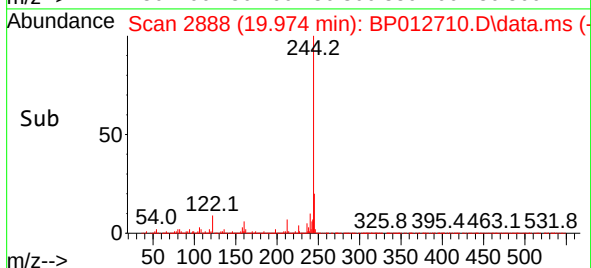
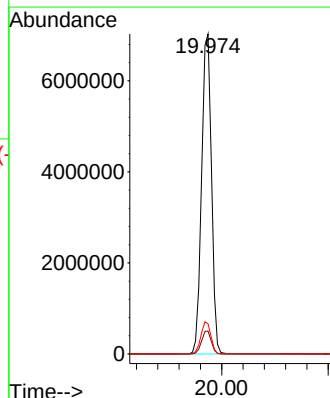
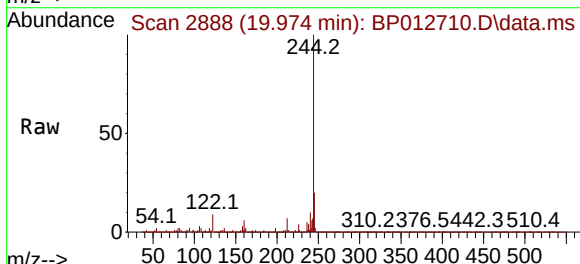
Instrument :
BNA_P
ClientSampleId :
FB111722

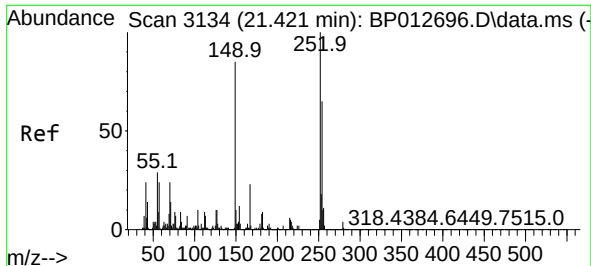
Tgt Ion:240 Resp: 2232580
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 25.9 20.4 30.6



#79
Terphenyl-d14
Concen: 86.068 ng
RT: 19.974 min Scan# 2888
Delta R.T. -0.000 min
Lab File: BP012710.D
Acq: 23 Nov 2022 14:57

Tgt Ion:244 Resp: 9040939
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.4 6.9 10.3

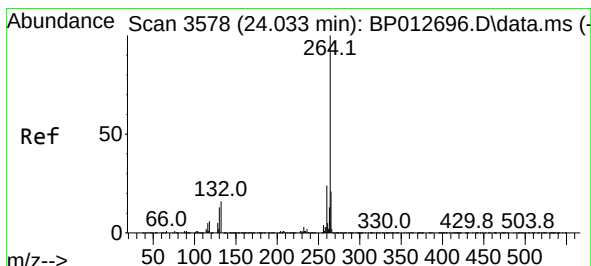
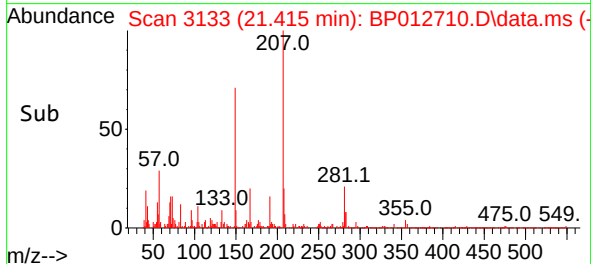
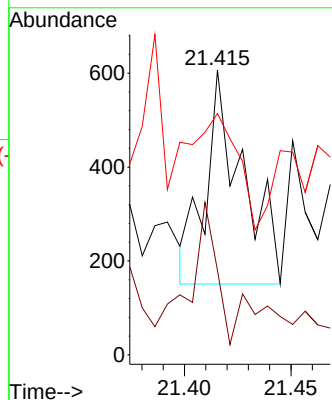
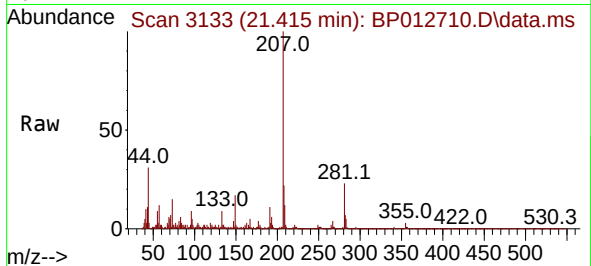




#82
 3,3'-Dichlorobenzidine
 Concen: 8.629 ng
 RT: 21.415 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP012710.D
 Acq: 23 Nov 2022 14:57

Instrument :
 BNA_P
 ClientSampleId :
 FB111722

Tgt Ion:252 Resp: 551
 Ion Ratio Lower Upper
 252 100
 254 29.7 51.7 77.5#
 126 84.7 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: BP012710.D
 Acq: 23 Nov 2022 14:57

Tgt Ion:264 Resp: 2373101
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.9 17.1 25.7

