

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112222\
 Data File : BP012702.D
 Acq On : 22 Nov 2022 17:20
 Operator : CG/JU
 Sample : PB149238BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB149238BL

Quant Time: Nov 23 06:25:07 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)

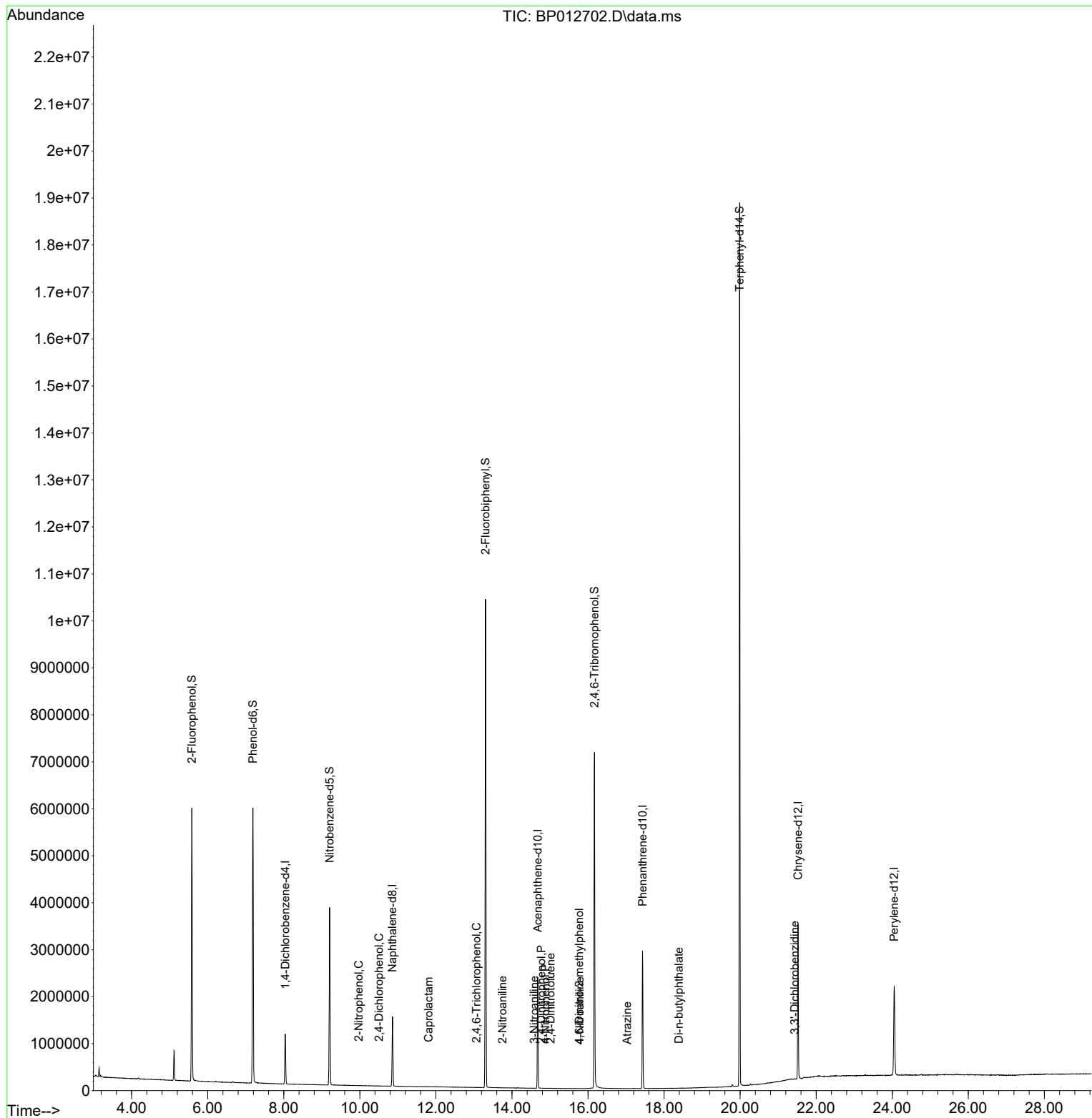
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	298111	20.000	ng	0.00
21) Naphthalene-d8	10.858	136	1213022	20.000	ng	0.00
39) Acenaphthene-d10	14.675	164	777258	20.000	ng	0.00
64) Phenanthrene-d10	17.434	188	1704387	20.000	ng	0.00
76) Chrysene-d12	21.522	240	1555997	20.000	ng	0.01
86) Perylene-d12	24.051	264	1409360	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2514580	182.740	ng	0.00
7) Phenol-d6	7.187	99	3358600	170.192	ng	0.00
23) Nitrobenzene-d5	9.205	82	2123588	97.635	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	1351530	134.130	ng	0.01
45) 2-Fluorobiphenyl	13.304	172	5389665	98.789	ng	0.00
79) Terphenyl-d14	19.986	244	9026876	123.300	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.187	77	6025	Below Cal	#	3
26) 2-Nitrophenol	9.969	139	30	4.412 ng	#	62
29) 2,4-Dichlorophenol	10.505	162	15	2.206 ng	#	1
32) Benzoic acid	10.146	122	26	Below Cal	#	1
35) Caprolactam	11.805	113	39	2.752 ng	#	1
43) 2,4,6-Trichlorophenol	13.069	196	13	4.184 ng		93
48) 2-Nitroaniline	13.751	65	31	4.809 ng	#	44
53) 3-Nitroaniline	14.587	138	18	3.677 ng	#	1
54) 2,4-Dinitrophenol	14.775	184	23	3.026 ng	#	4
56) 4-Nitrophenol	14.881	139	41	5.703 ng	#	27
57) 2,4-Dinitrotoluene	15.016	165	132	3.560 ng	#	67
62) 4-Nitroaniline	15.781	138	16	4.608 ng		79
65) 4,6-Dinitro-2-methylph...	15.769	198	10	3.683 ng	#	1
69) Atrazine	17.028	200	6	4.027 ng		77
74) Di-n-butylphthalate	18.392	149	574	5.707 ng	#	70
80) Butylbenzylphthalate	20.657	149	138	Below Cal	#	59
82) 3,3'-Dichlorobenzidine	21.433	252	199	8.623 ng	#	49
84) Bis(2-ethylhexyl)phtha...	21.433	149	639	Below Cal	#	65
85) Di-n-octyl phthalate	22.416	149	609	Below Cal	#	68

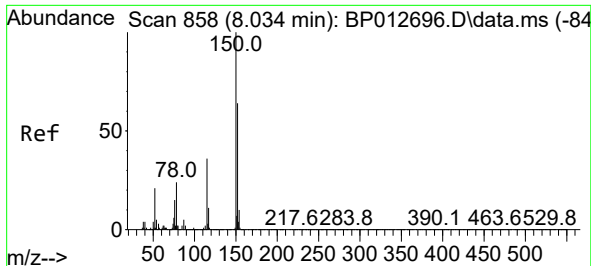
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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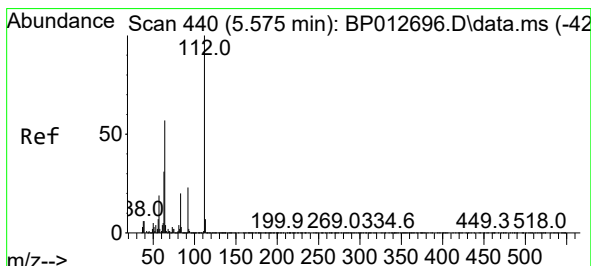
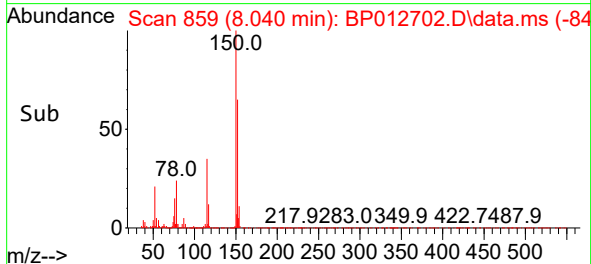
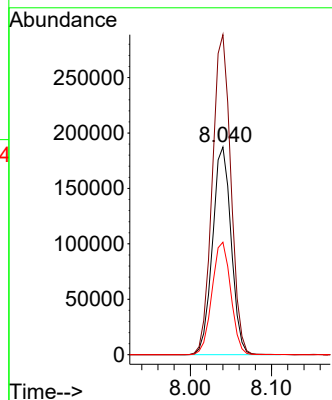
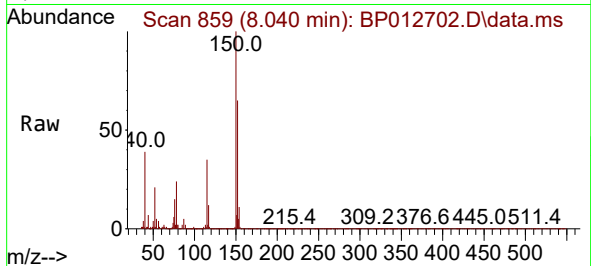




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.040 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP012702.D
Acq: 22 Nov 2022 17:20

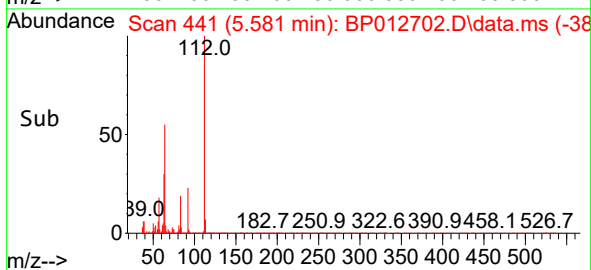
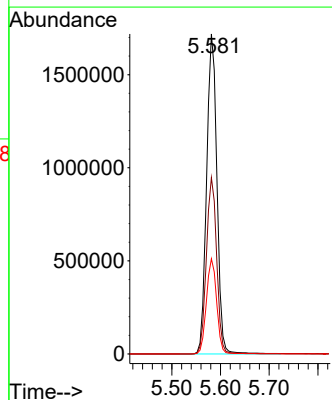
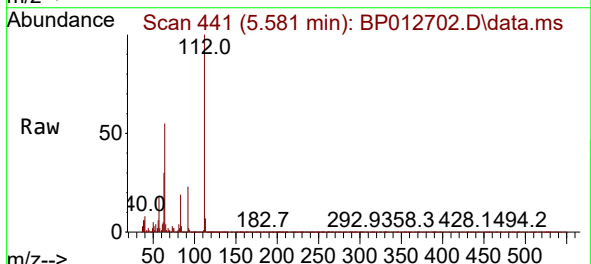
Instrument :
BNA_P
ClientSampleId :
PB149238BL

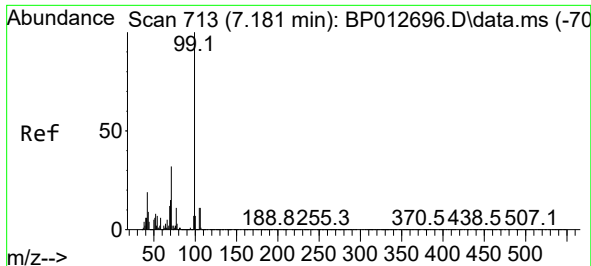
Tgt Ion:152 Resp: 298111
Ion Ratio Lower Upper
152 100
150 154.1 126.0 189.0
115 54.1 44.9 67.3



#5
2-Fluorophenol
Concen: 182.740 ng
RT: 5.581 min Scan# 441
Delta R.T. 0.006 min
Lab File: BP012702.D
Acq: 22 Nov 2022 17:20

Tgt Ion:112 Resp: 2514580
Ion Ratio Lower Upper
112 100
64 55.1 45.4 68.0
63 29.8 24.6 37.0

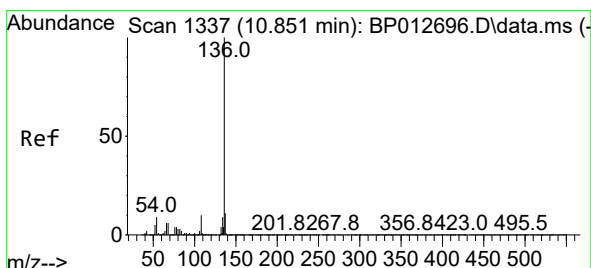
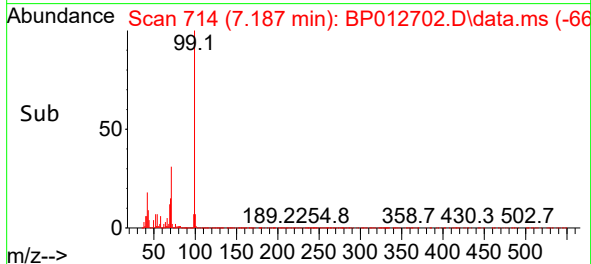
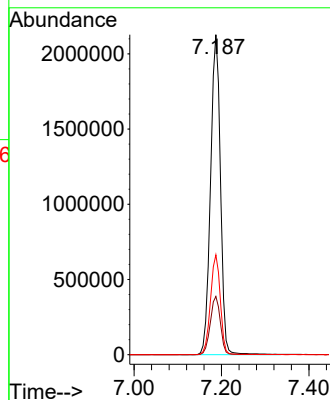
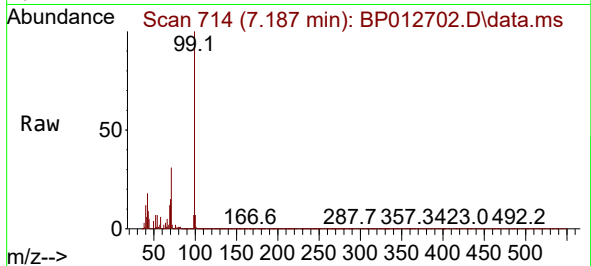




#7
Phenol-d6
Concen: 170.192 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.006 min
Lab File: BP012702.D
Acq: 22 Nov 2022 17:20

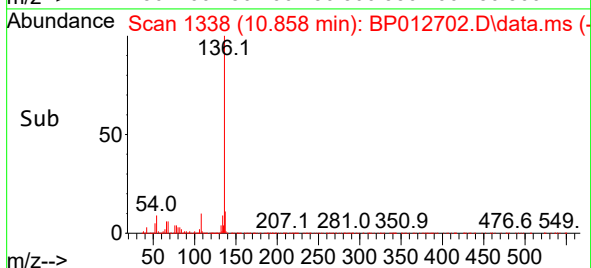
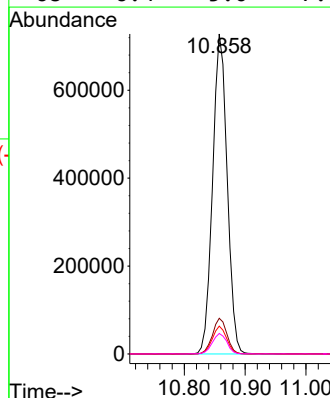
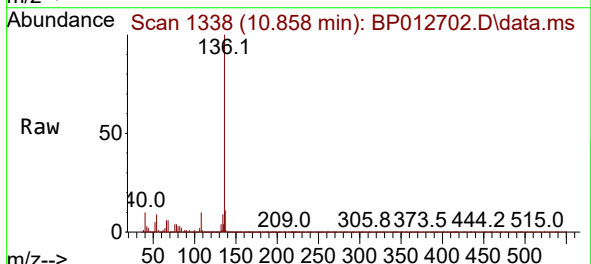
Instrument :
BNA_P
ClientSampleId :
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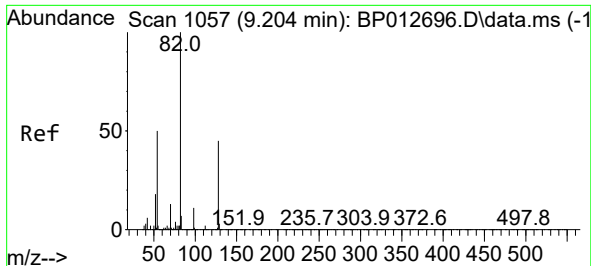
Tgt Ion: 99 Resp: 3358600
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.6
71 31.2 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.858 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BP012702.D
Acq: 22 Nov 2022 17:20

Tgt Ion:136 Resp: 1213022
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.7 6.9 10.3
68 6.4 5.0 7.6

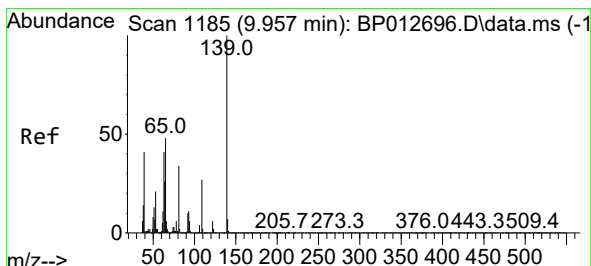
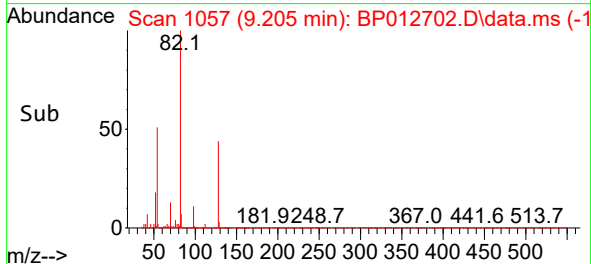
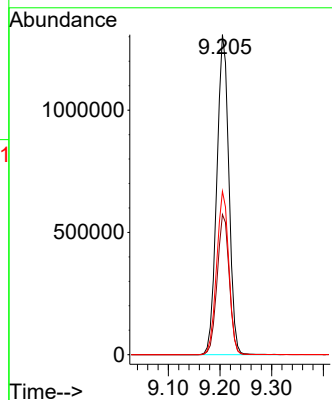
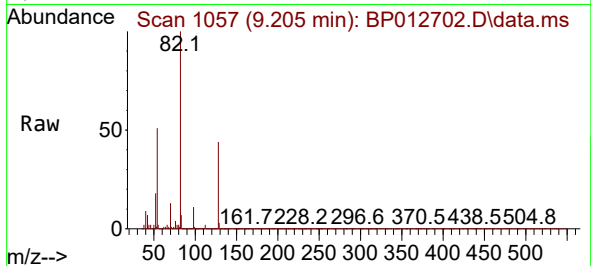




#23
Nitrobenzene-d5
Concen: 97.635 ng
RT: 9.205 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BP012702.D
Acq: 22 Nov 2022 17:20

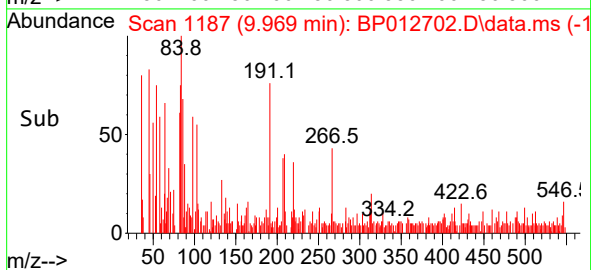
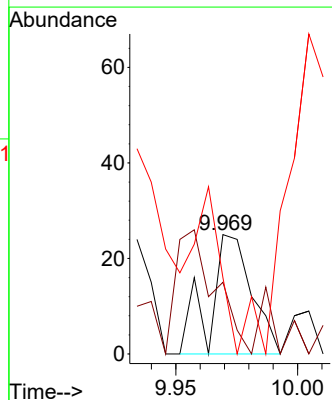
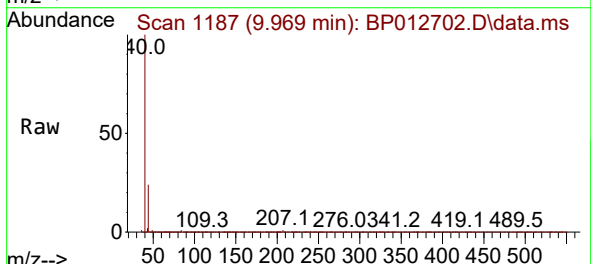
Instrument :
BNA_P
ClientSampleId :
PB149238BL

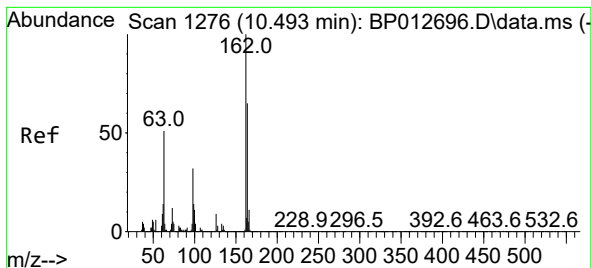
Tgt Ion: 82 Resp: 2123588
Ion Ratio Lower Upper
82 100
128 43.8 35.6 53.4
54 51.0 40.3 60.5



#26
2-Nitrophenol
Concen: 4.412 ng
RT: 9.969 min Scan# 1187
Delta R.T. 0.012 min
Lab File: BP012702.D
Acq: 22 Nov 2022 17:20

Tgt Ion:139 Resp: 30
Ion Ratio Lower Upper
139 100
109 60.0 21.5 32.3#
65 64.0 38.3 57.5#

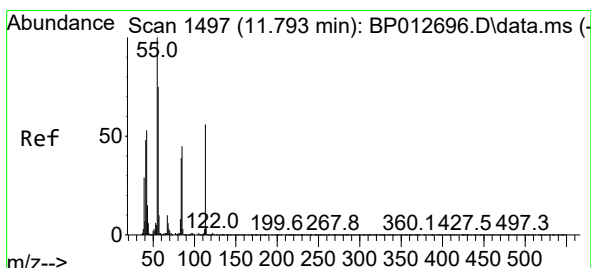
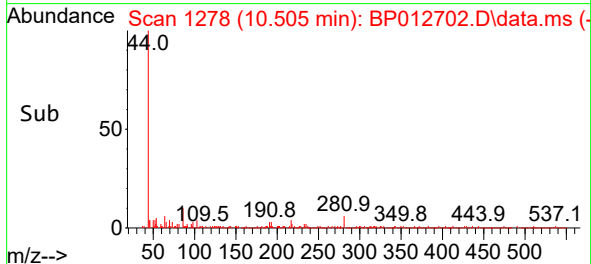
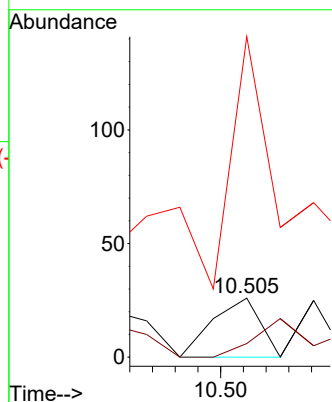
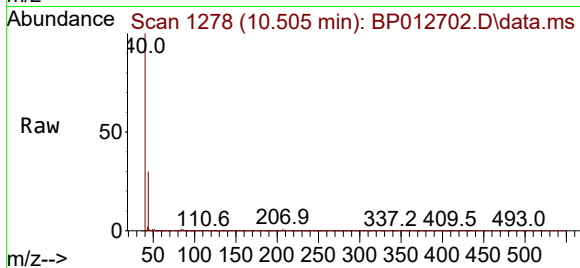




#29
2,4-Dichlorophenol
Concen: 2.206 ng
RT: 10.505 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP012702.D
Acq: 22 Nov 2022 17:20

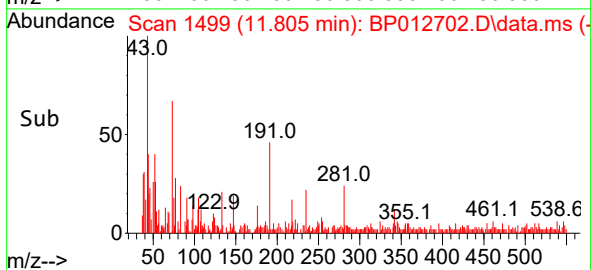
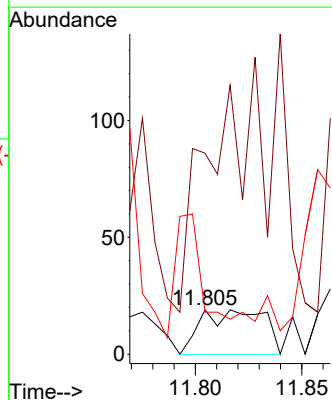
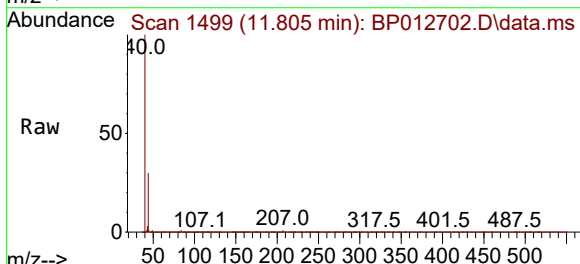
Instrument :
BNA_P
ClientSampleId :
PB149238BL

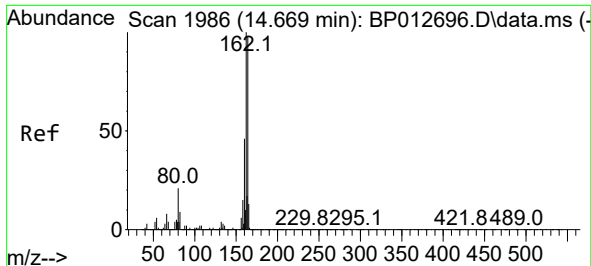
Tgt Ion:162 Resp: 15
Ion Ratio Lower Upper
162 100
164 23.1 44.9 84.9#
98 542.3 12.5 52.5#



#35
Caprolactam
Concen: 2.752 ng
RT: 11.805 min Scan# 1499
Delta R.T. 0.012 min
Lab File: BP012702.D
Acq: 22 Nov 2022 17:20

Tgt Ion:113 Resp: 39
Ion Ratio Lower Upper
113 100
55 452.6 158.0 198.0#
56 94.7 114.1 154.1#

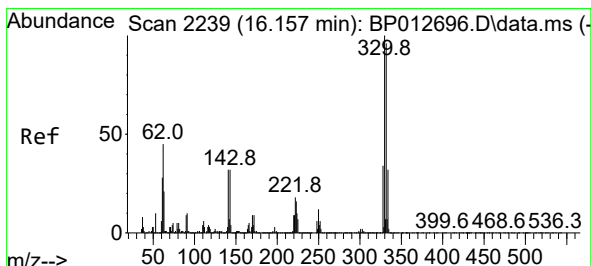
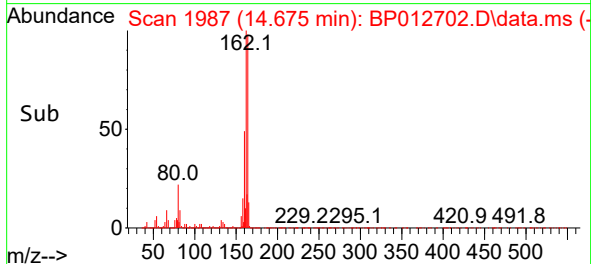
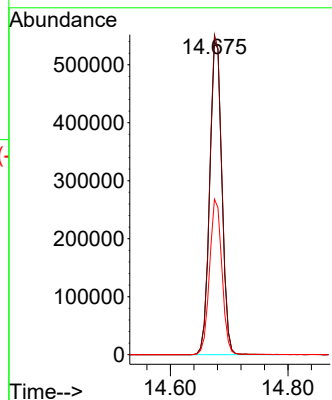
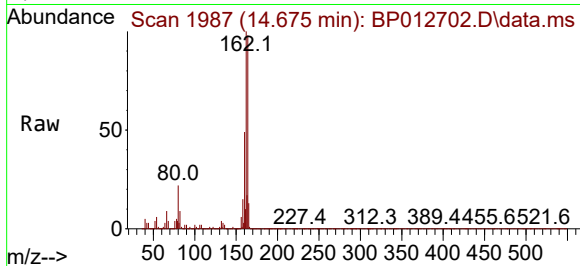




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.675 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP012702.D
Acq: 22 Nov 2022 17:20

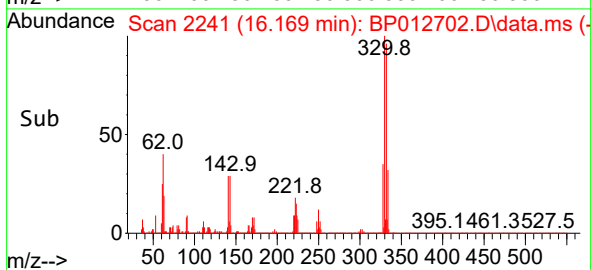
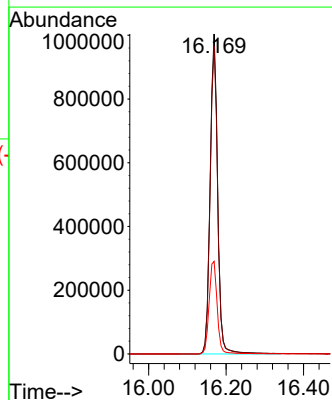
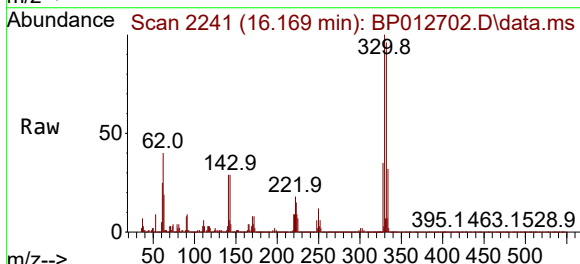
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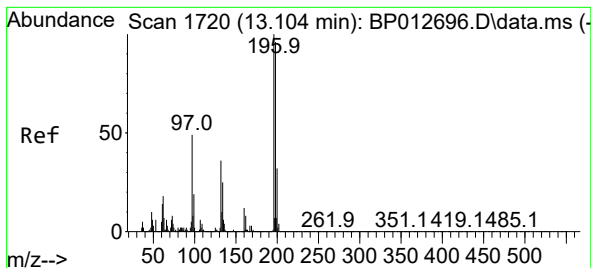
Tgt Ion:164 Resp: 777258
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 49.5 37.6 56.4



#42
2,4,6-Tribromophenol
Concen: 134.130 ng
RT: 16.169 min Scan# 2241
Delta R.T. 0.012 min
Lab File: BP012702.D
Acq: 22 Nov 2022 17:20

Tgt Ion:330 Resp: 1351530
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 31.2 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 4.184 ng

RT: 13.069 min Scan# 1714

Delta R.T. -0.035 min

Lab File: BP012702.D

Acq: 22 Nov 2022 17:20

Instrument :

BNA_P

ClientSampleId :

PB149238BL

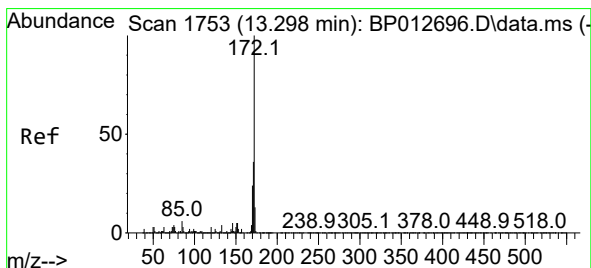
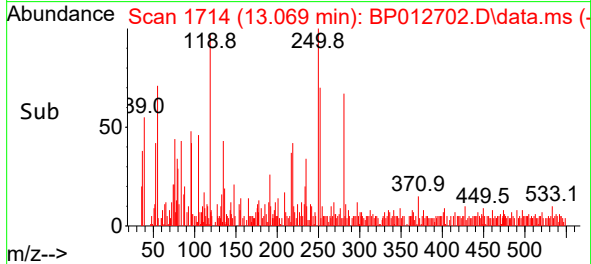
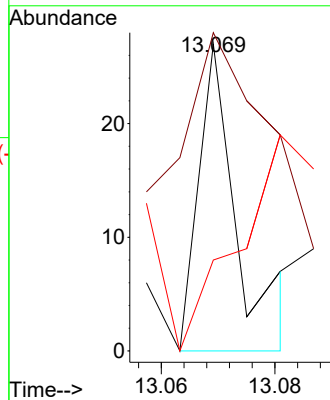
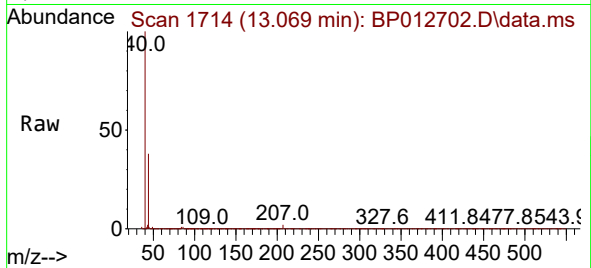
Tgt Ion:196 Resp: 13

Ion Ratio Lower Upper

196 100

198 103.7 76.6 115.0

200 29.6 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 98.789 ng

RT: 13.304 min Scan# 1754

Delta R.T. 0.006 min

Lab File: BP012702.D

Acq: 22 Nov 2022 17:20

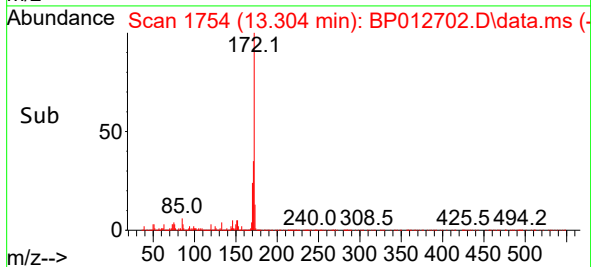
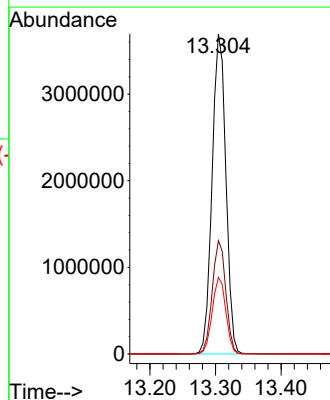
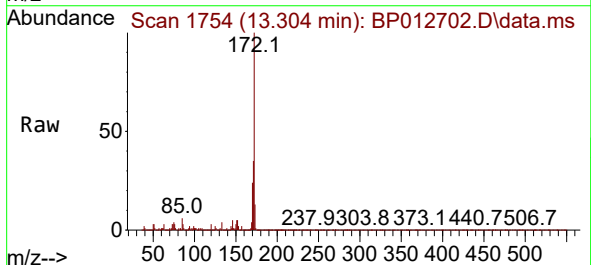
Tgt Ion:172 Resp: 5389665

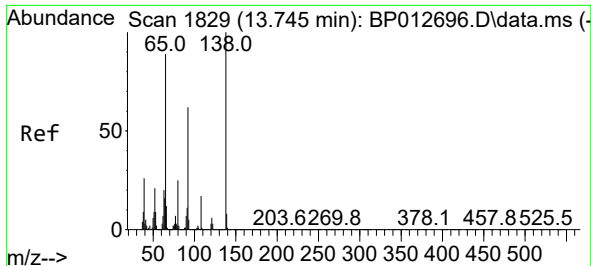
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.9 19.1 28.7

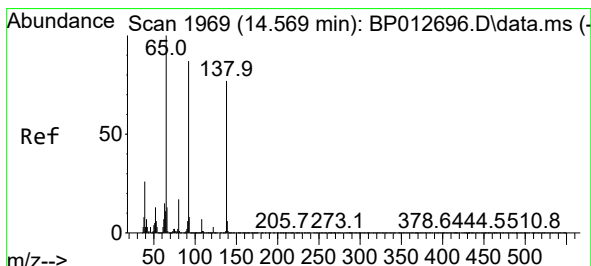
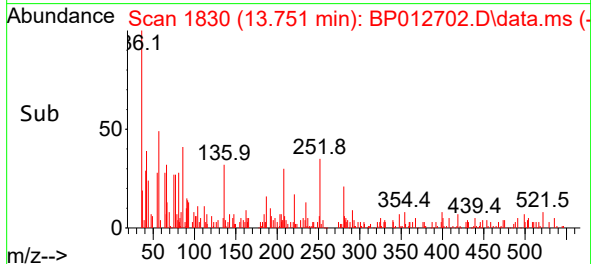
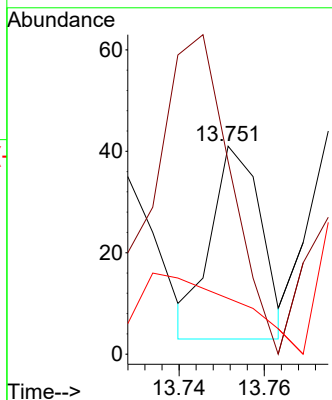
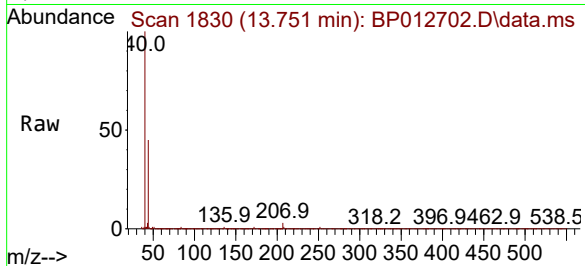




#48
2-Nitroaniline
Concen: 4.809 ng
RT: 13.751 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BP012702.D
Acq: 22 Nov 2022 17:20

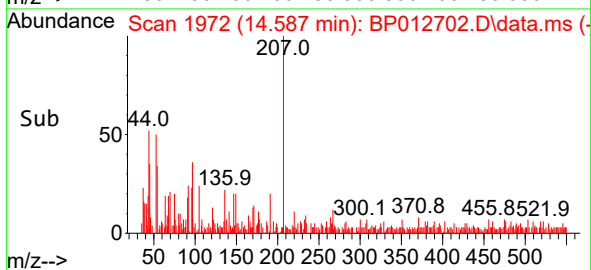
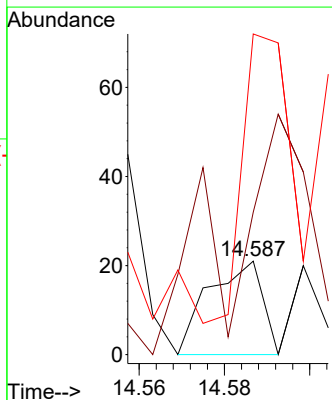
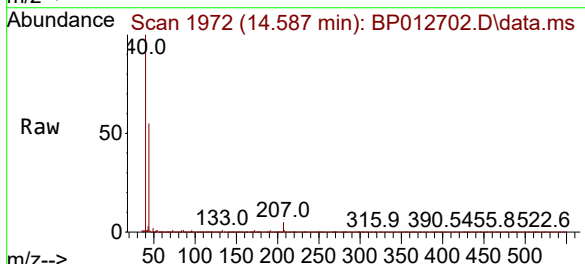
Instrument :
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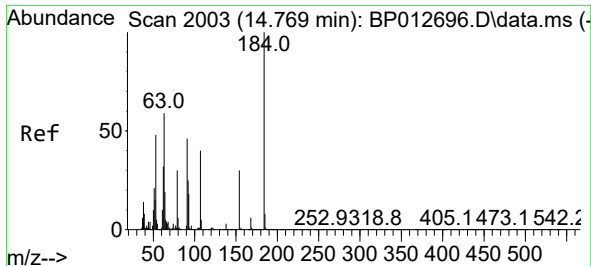
Tgt Ion: 65 Resp: 31
Ion Ratio Lower Upper
65 100
92 64.4 55.4 83.2
138 18.6 89.5 134.3#



#53
3-Nitroaniline
Concen: 3.677 ng
RT: 14.587 min Scan# 1972
Delta R.T. 0.018 min
Lab File: BP012702.D
Acq: 22 Nov 2022 17:20

Tgt Ion: 138 Resp: 18
Ion Ratio Lower Upper
138 100
108 152.4 7.4 11.2#
92 342.9 91.3 136.9#

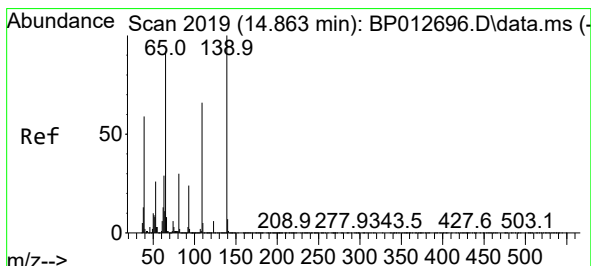
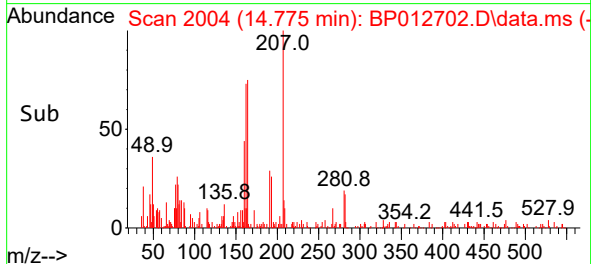
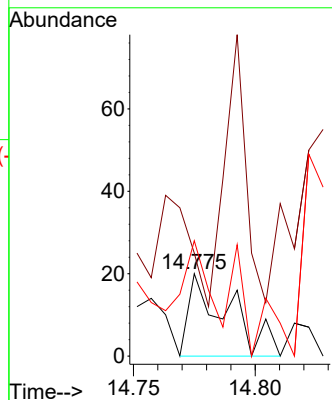
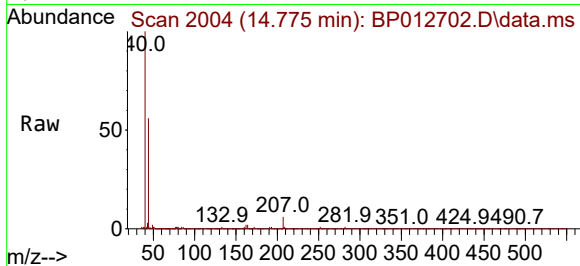




#54
2,4-Dinitrophenol
Concen: 3.026 ng
RT: 14.775 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BP012702.D
Acq: 22 Nov 2022 17:20

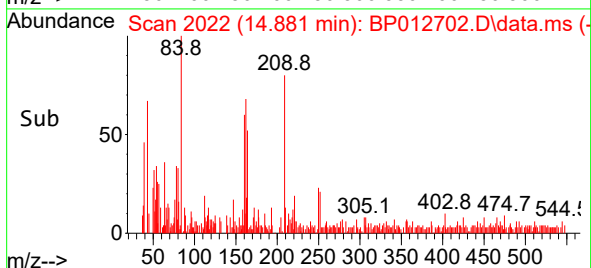
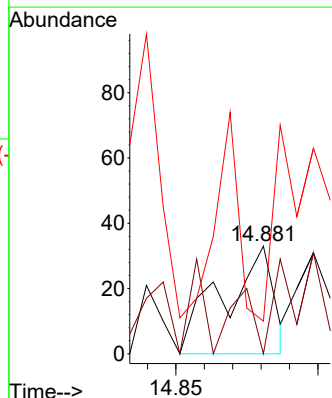
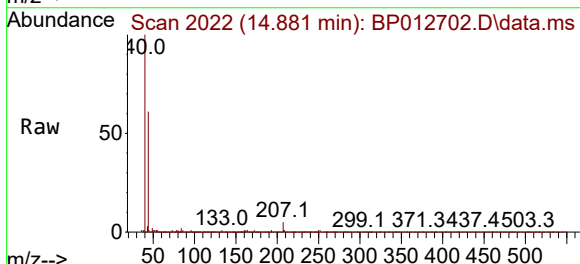
Instrument :
BNA_P
ClientSampleId :
PB149238BL

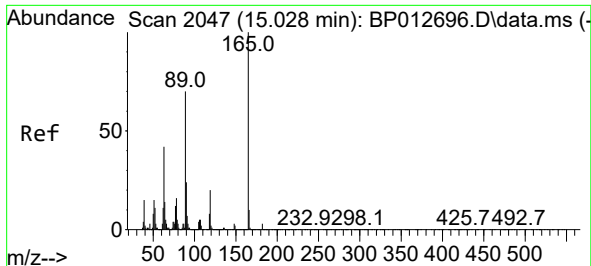
Tgt Ion:184 Resp: 23
Ion Ratio Lower Upper
184 100
63 125.0 50.0 75.0#
154 140.0 45.5 68.3#



#56
4-Nitrophenol
Concen: 5.703 ng
RT: 14.881 min Scan# 2022
Delta R.T. 0.018 min
Lab File: BP012702.D
Acq: 22 Nov 2022 17:20

Tgt Ion:139 Resp: 41
Ion Ratio Lower Upper
139 100
109 0.0 46.1 86.1#
65 30.3 72.5 112.5#

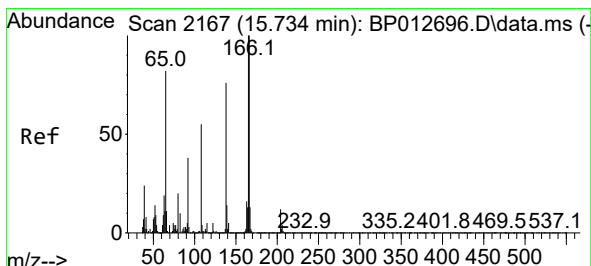
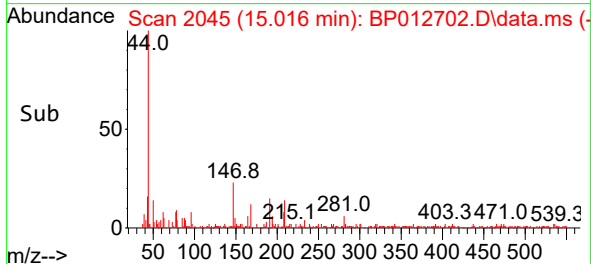
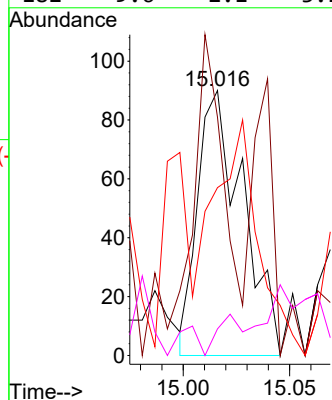
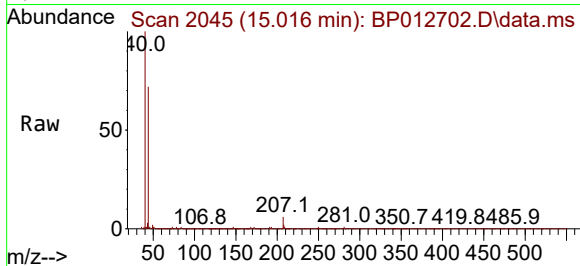




#57
2,4-Dinitrotoluene
Concen: 3.560 ng
RT: 15.016 min Scan# 2045
Delta R.T. -0.012 min
Lab File: BP012702.D
Acq: 22 Nov 2022 17:20

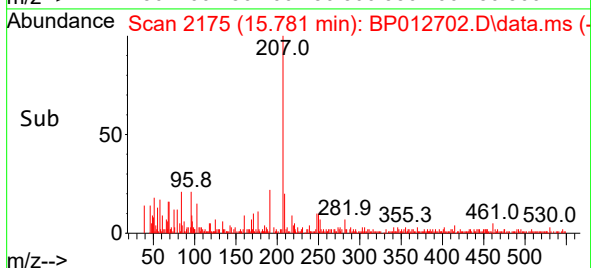
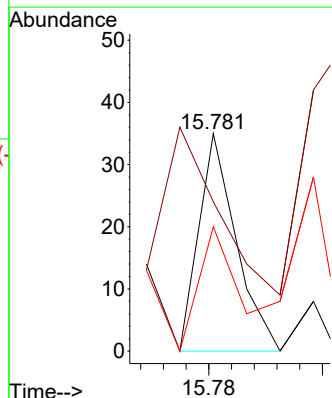
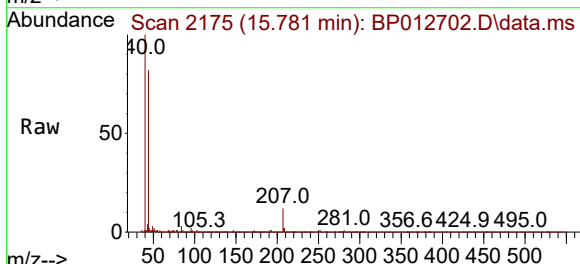
Instrument :
BNA_P
ClientSampleId :
PB149238BL

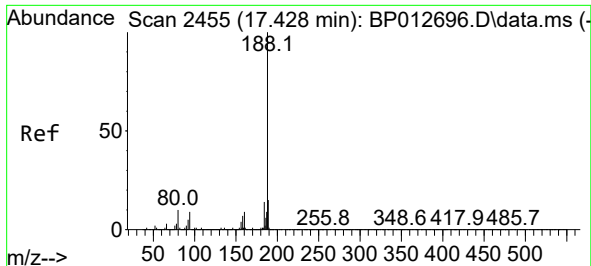
Tgt Ion:165 Resp: 132
Ion Ratio Lower Upper
165 100
63 86.2 33.7 50.5#
89 60.6 56.3 84.5
182 9.6 2.1 3.1#



#62
4-Nitroaniline
Concen: 4.608 ng
RT: 15.781 min Scan# 2175
Delta R.T. 0.047 min
Lab File: BP012702.D
Acq: 22 Nov 2022 17:20

Tgt Ion:138 Resp: 16
Ion Ratio Lower Upper
138 100
92 68.6 29.6 69.6
108 57.1 51.4 91.4

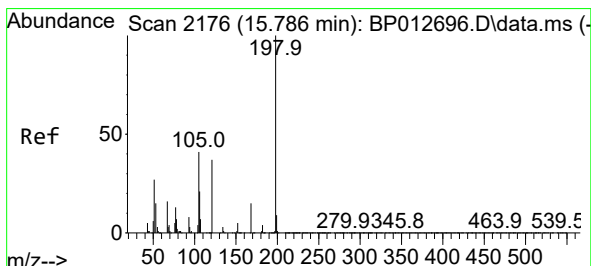
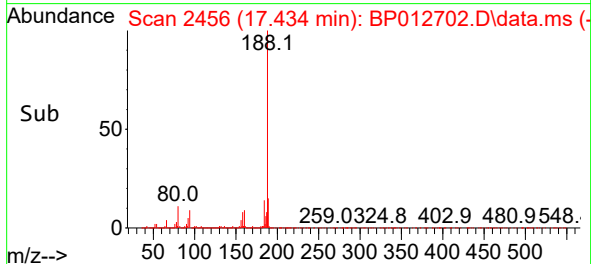
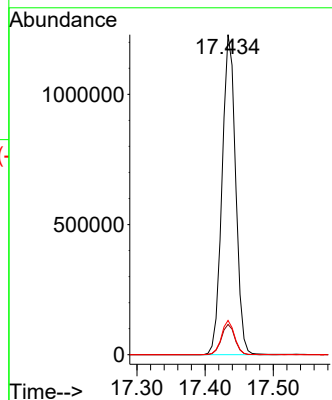
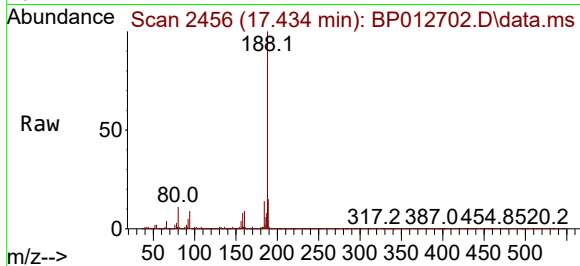




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.434 min Scan# 2455
Delta R.T. 0.006 min
Lab File: BP012702.D
Acq: 22 Nov 2022 17:20

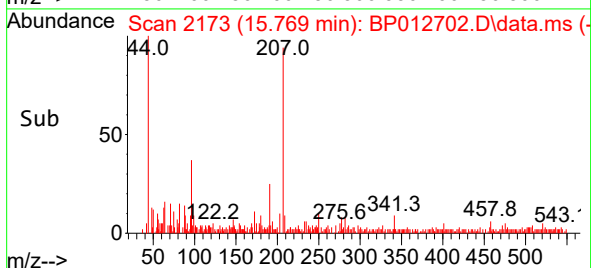
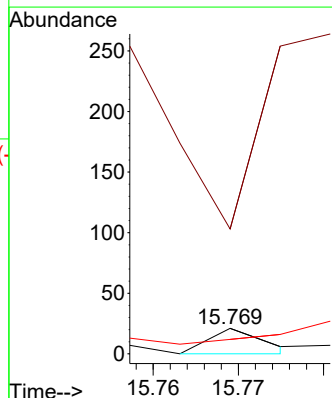
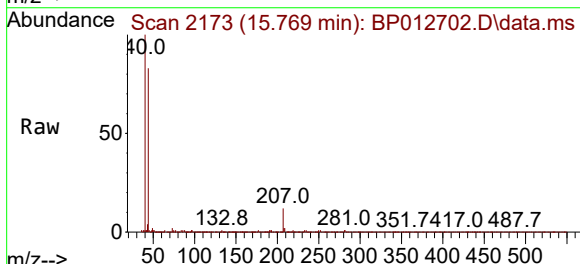
Instrument :
BNA_P
ClientSampleId :
PB149238BL

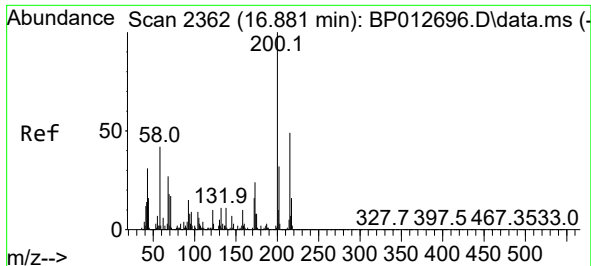
Tgt Ion:188 Resp: 1704387
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.7 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 3.683 ng
RT: 15.769 min Scan# 2173
Delta R.T. -0.017 min
Lab File: BP012702.D
Acq: 22 Nov 2022 17:20

Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 490.5 25.7 65.7#
105 57.1 22.8 62.8

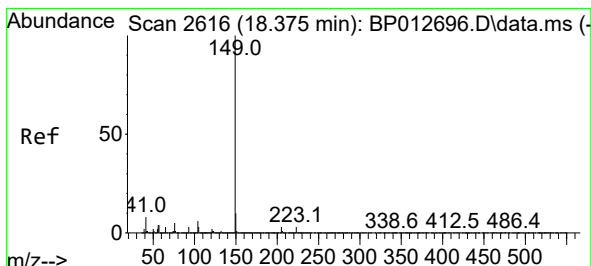
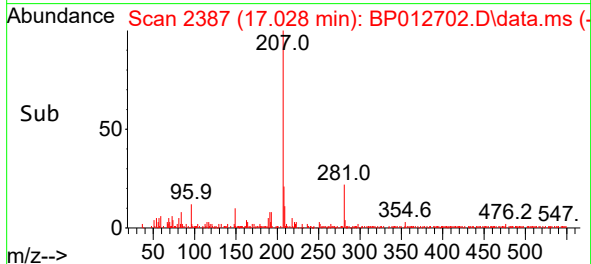
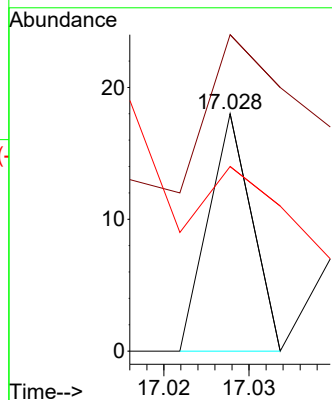
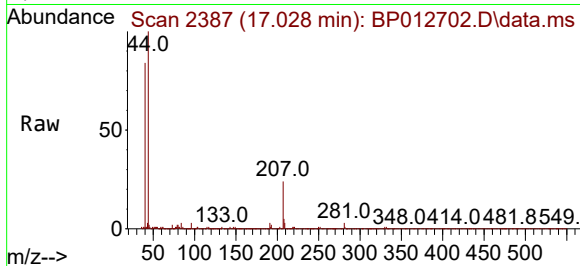




#69
 Atrazine
 Concen: 4.027 ng
 RT: 17.028 min Scan# 21
 Delta R.T. 0.147 min
 Lab File: BP012702.D
 Acq: 22 Nov 2022 17:20

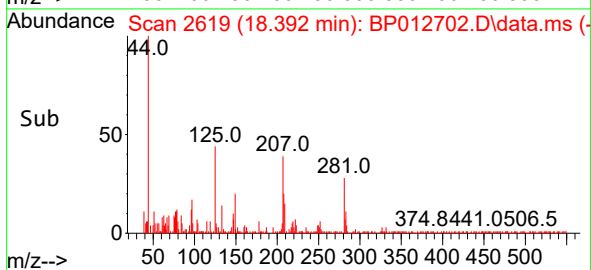
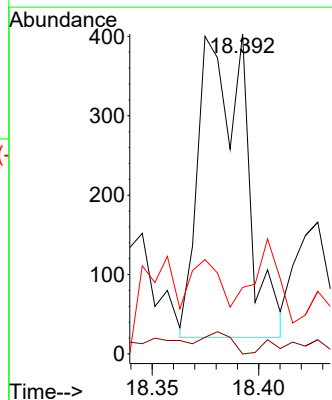
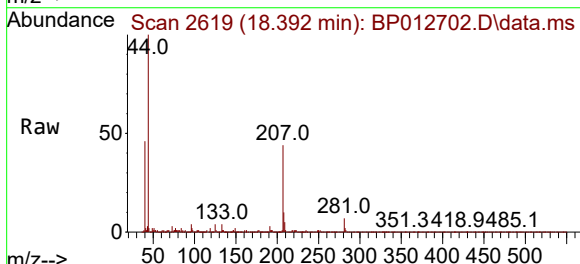
Instrument :
 BNA_P
 ClientSampleId :
 PB149238BL

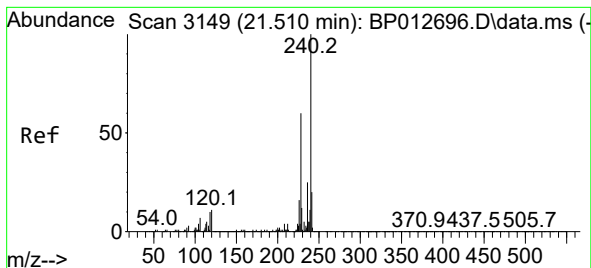
Tgt Ion:200	Resp:	6	
Ion	Ratio	Lower	Upper
200	100		
173	40.0	4.3	44.3
215	36.7	29.5	69.5



#74
 Di-n-butylphthalate
 Concen: 5.707 ng
 RT: 18.392 min Scan# 2619
 Delta R.T. 0.017 min
 Lab File: BP012702.D
 Acq: 22 Nov 2022 17:20

Tgt Ion:149	Resp:	574	
Ion	Ratio	Lower	Upper
149	100		
150	2.0	7.7	11.5#
104	20.8	4.6	6.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.522 min Scan# 3149

Delta R.T. 0.012 min

Lab File: BP012702.D

Acq: 22 Nov 2022 17:20

Instrument :

BNA_P

ClientSampleId :

PB149238BL

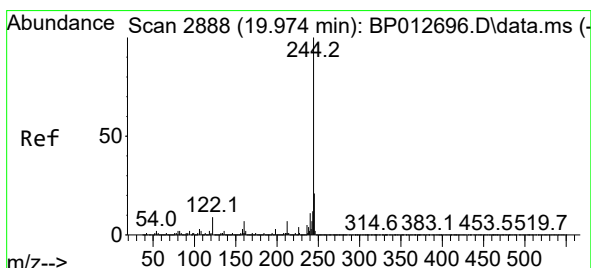
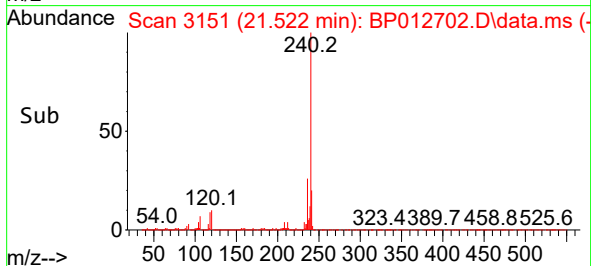
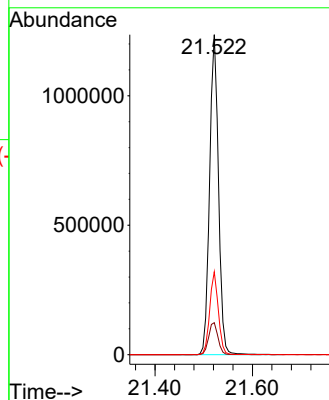
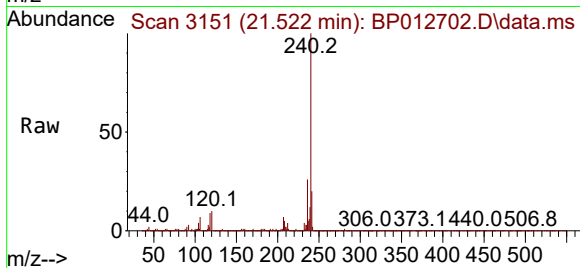
Tgt Ion:240 Resp: 1555997

Ion Ratio Lower Upper

240 100

120 10.0 8.6 12.8

236 25.9 20.4 30.6



#79

Terphenyl-d14

Concen: 123.300 ng

RT: 19.986 min Scan# 2890

Delta R.T. 0.012 min

Lab File: BP012702.D

Acq: 22 Nov 2022 17:20

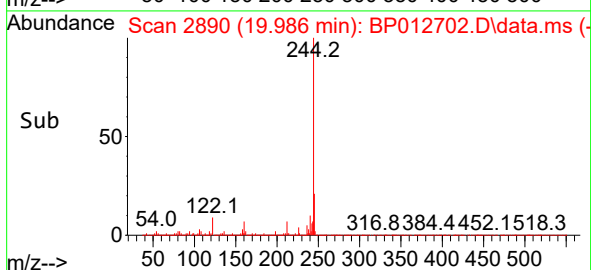
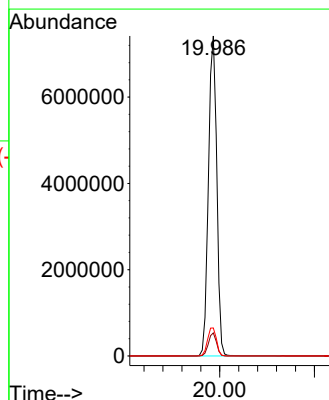
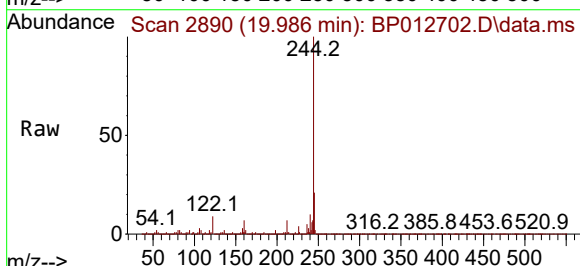
Tgt Ion:244 Resp: 9026876

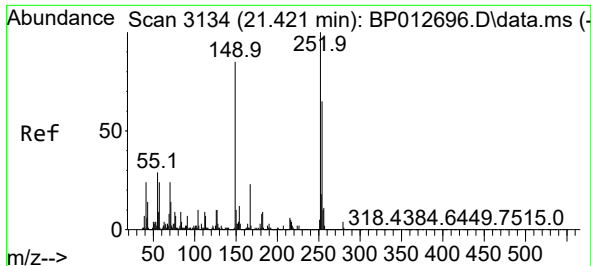
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 8.7 6.9 10.3

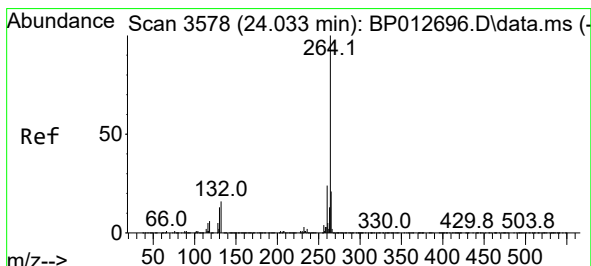
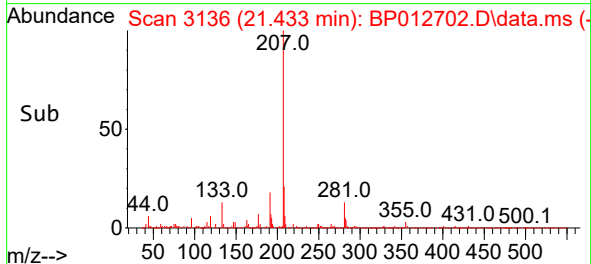
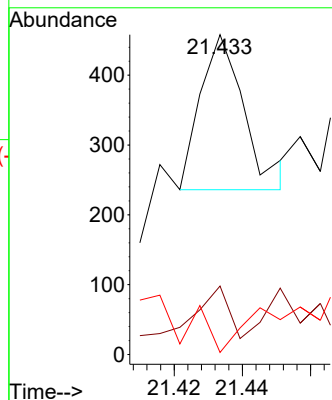
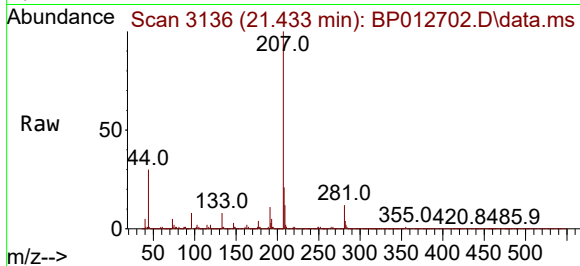




#82
 3,3'-Dichlorobenzidine
 Concen: 8.623 ng
 RT: 21.433 min Scan# 3134
 Delta R.T. 0.012 min
 Lab File: BP012702.D
 Acq: 22 Nov 2022 17:20

Instrument :
 BNA_P
 ClientSampleId :
 PB149238BL

Tgt Ion:252 Resp: 199
 Ion Ratio Lower Upper
 252 100
 254 21.4 51.7 77.5#
 126 0.7 7.7 11.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.051 min Scan# 3581
 Delta R.T. 0.018 min
 Lab File: BP012702.D
 Acq: 22 Nov 2022 17:20

Tgt Ion:264 Resp: 1409360
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.7 17.1 25.7

