

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112122\
 Data File : BP012690.D
 Acq On : 21 Nov 2022 17:23
 Operator : CG/JU
 Sample : PB148514BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB148514BL

Quant Time: Nov 22 05:39:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 23:51:17 2022
 Response via : Initial Calibration

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

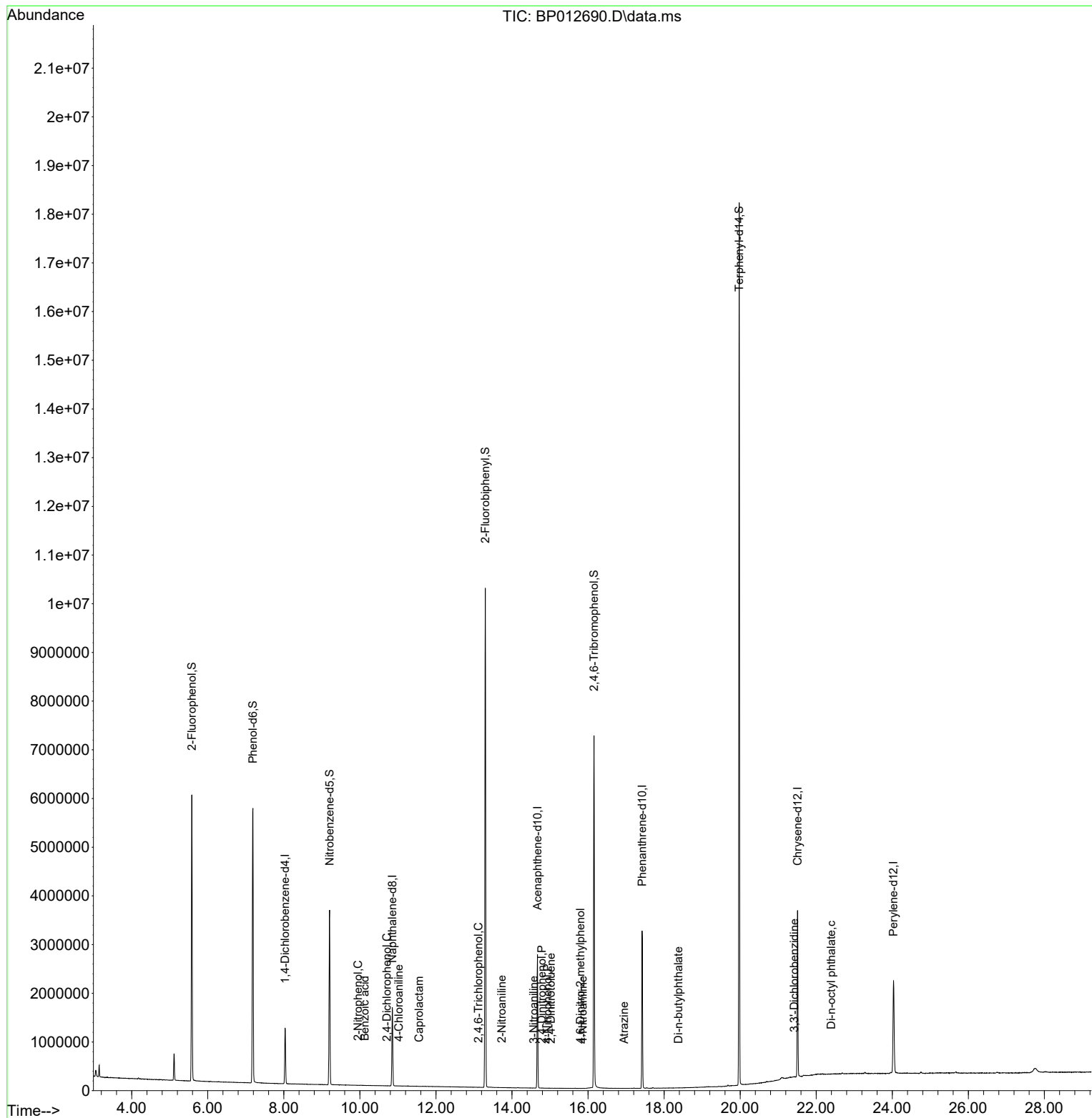
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	321485	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	1354787	20.000	ng	0.00
39) Acenaphthene-d10	14.669	164	883499	20.000	ng	0.00
64) Phenanthrene-d10	17.422	188	1927331	20.000	ng	0.00
76) Chrysene-d12	21.510	240	1684146	20.000	ng	0.00
86) Perylene-d12	24.033	264	1468574	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2534270	159.685	ng	0.00
7) Phenol-d6	7.187	99	3362005	152.684	ng	0.00
23) Nitrobenzene-d5	9.204	82	2060066	85.216	ng	0.00
42) 2,4,6-Tribromophenol	16.157	330	1405063	127.836	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	5364822	85.694	ng	0.00
79) Terphenyl-d14	19.974	244	8630744	107.836	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.951	139	8	5.688	ng	# 1
29) 2,4-Dichlorophenol	10.710	162	13	2.483	ng	92
32) Benzoic acid	10.128	122	31	6.344	ng	# 1
33) 4-Chloroaniline	11.022	127	122	2.411	ng	# 48
35) Caprolactam	11.557	113	55	5.599	ng	92
43) 2,4,6-Trichlorophenol	13.116	196	13	2.925	ng	# 36
48) 2-Nitroaniline	13.734	65	110	4.752	ng	# 15
53) 3-Nitroaniline	14.569	138	7	3.433	ng	# 1
54) 2,4-Dinitrophenol	14.787	184	18	5.303	ng	99
56) 4-Nitrophenol	14.934	139	31	4.651	ng	93
57) 2,4-Dinitrotoluene	15.022	165	118	3.024	ng	# 34
62) 4-Nitroaniline	15.863	138	9	4.534	ng	90
65) 4,6-Dinitro-2-methylph...	15.798	198	54	8.065	ng	# 1
69) Atrazine	16.945	200	39	2.968	ng	76
74) Di-n-butylphthalate	18.380	149	997	4.030	ng	# 79
80) Butylbenzylphthalate	20.639	149	308	Below Cal		# 53
82) 3,3'-Dichlorobenzidine	21.421	252	608	7.978	ng	# 58
84) Bis(2-ethylhexyl)phtha...	21.416	149	1046	Below Cal		# 73
85) Di-n-octyl phthalate	22.392	149	802	5.547	ng	# 41

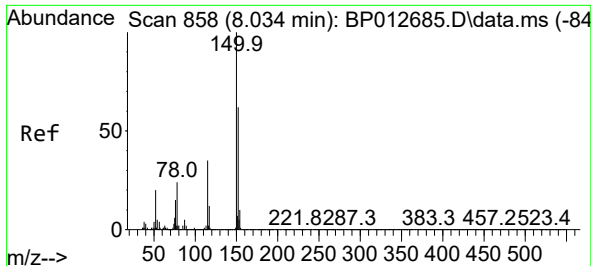
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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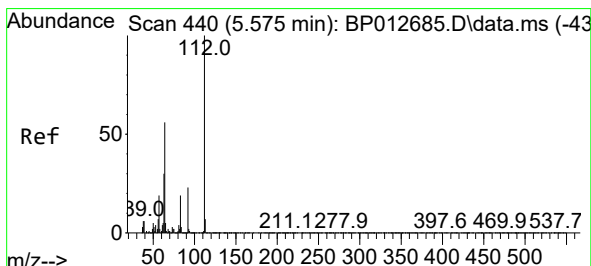
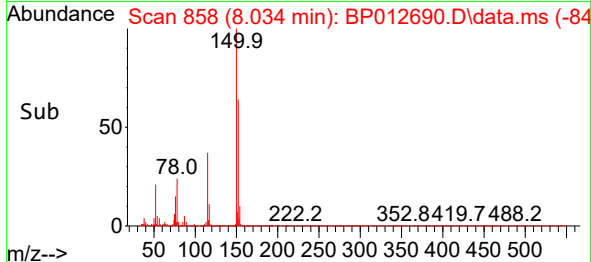
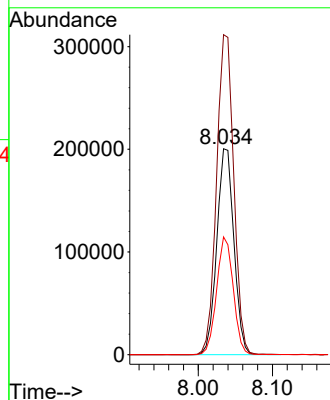
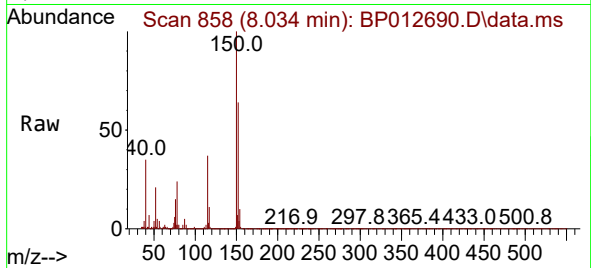




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.034 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP012690.D
Acq: 21 Nov 2022 17:23

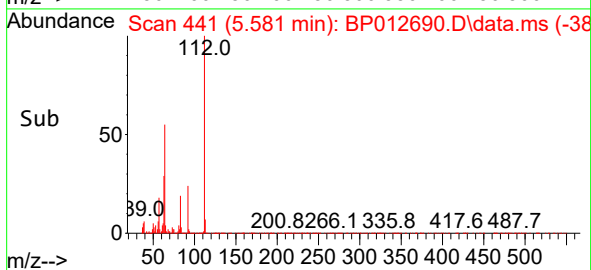
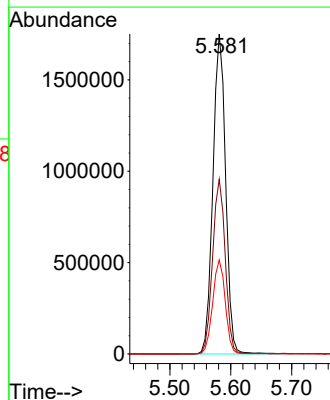
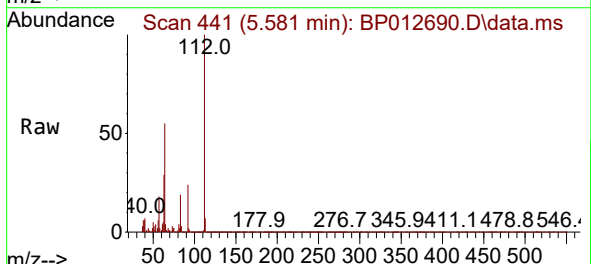
Instrument :
BNA_P
ClientSampleId :
PB148514BL

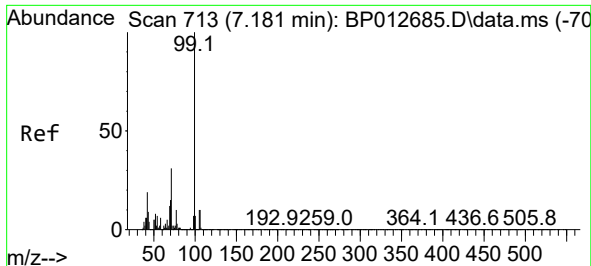
Tgt Ion:152 Resp: 321485
Ion Ratio Lower Upper
152 100
150 155.4 128.7 193.1
115 57.2 45.5 68.3



#5
2-Fluorophenol
Concen: 159.685 ng
RT: 5.581 min Scan# 441
Delta R.T. 0.006 min
Lab File: BP012690.D
Acq: 21 Nov 2022 17:23

Tgt Ion:112 Resp: 2534270
Ion Ratio Lower Upper
112 100
64 54.6 44.7 67.1
63 29.4 24.3 36.5

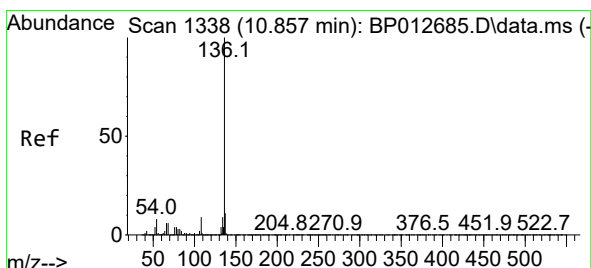
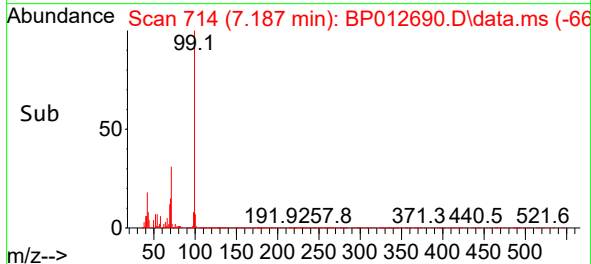
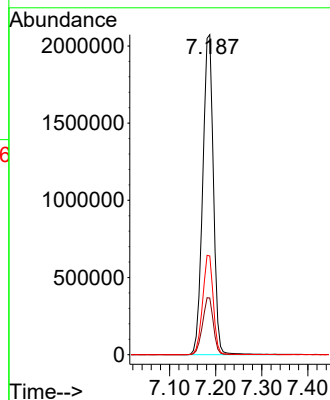
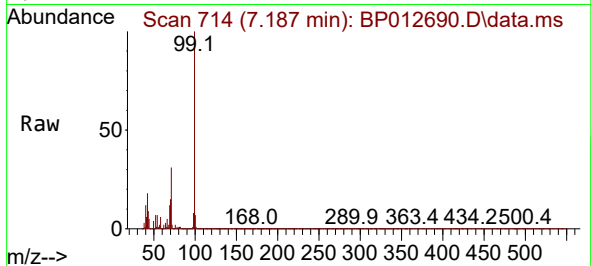




#7
Phenol-d6
Concen: 152.684 ng
RT: 7.187 min Scan# 713
Delta R.T. 0.006 min
Lab File: BP012690.D
Acq: 21 Nov 2022 17:23

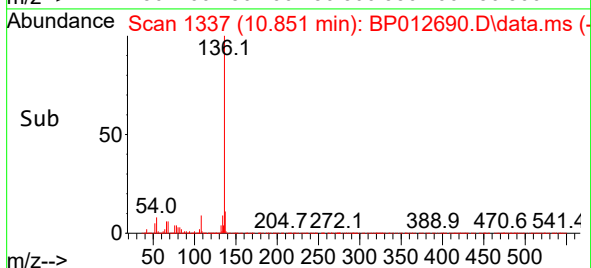
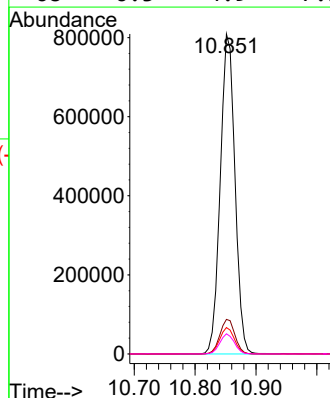
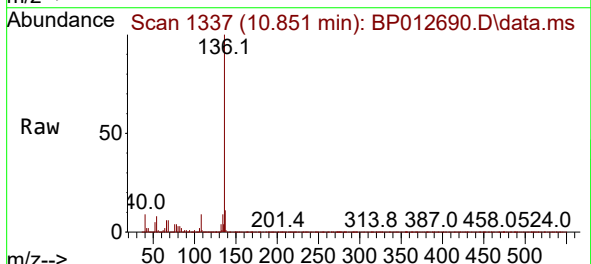
Instrument :
BNA_P
ClientSampleId :
PB148514BL

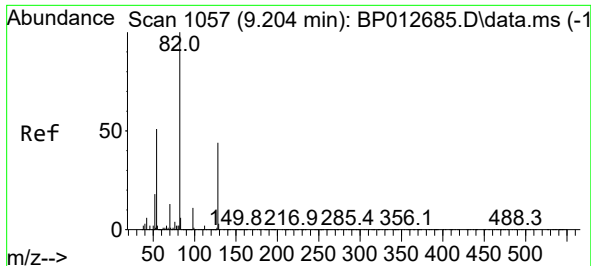
Tgt Ion: 99 Resp: 3362005
Ion Ratio Lower Upper
99 100
42 17.7 14.8 22.2
71 30.9 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BP012690.D
Acq: 21 Nov 2022 17:23

Tgt Ion:136 Resp: 1354787
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.3 6.4 9.6
68 6.3 4.9 7.3

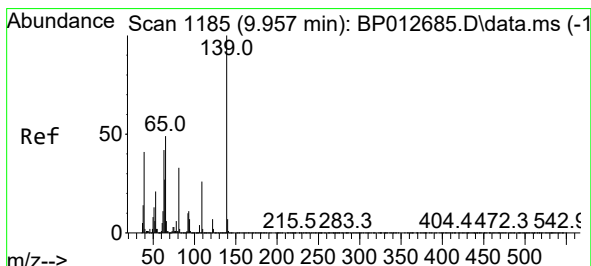
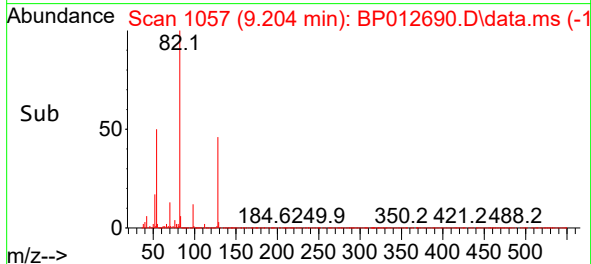
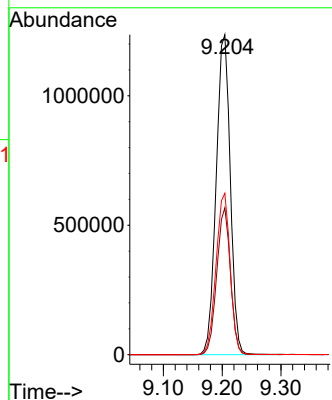
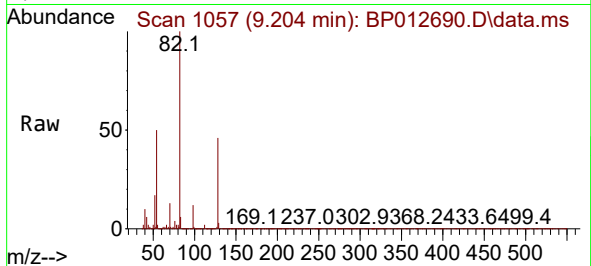




#23
Nitrobenzene-d5
Concen: 85.216 ng
RT: 9.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BP012690.D
Acq: 21 Nov 2022 17:23

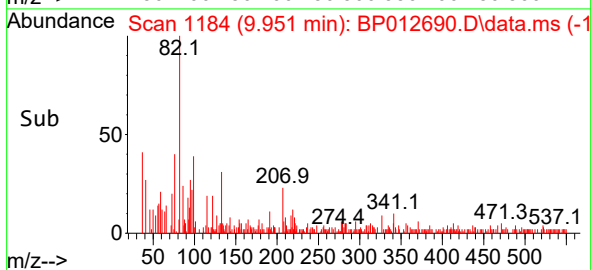
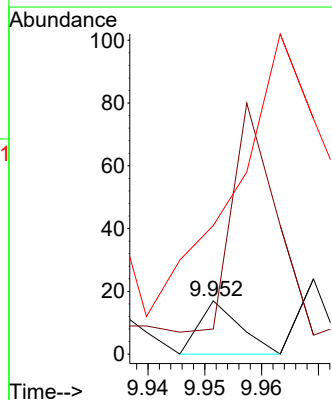
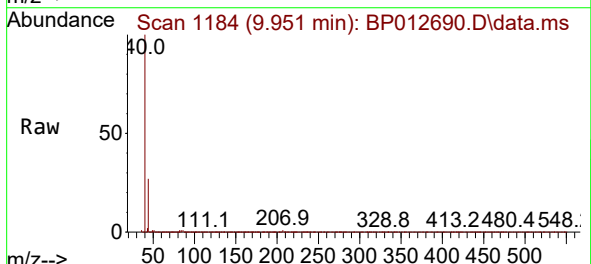
Instrument :
BNA_P
ClientSampleId :
PB148514BL

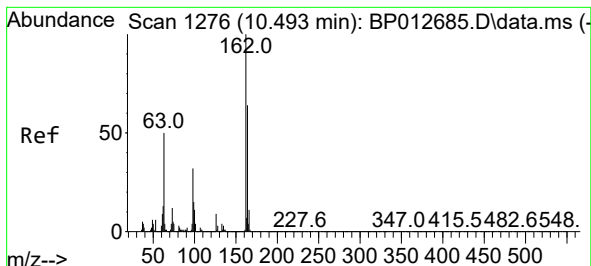
Tgt Ion: 82 Resp: 2060066
Ion Ratio Lower Upper
82 100
128 45.9 35.4 53.2
54 50.5 40.7 61.1



#26
2-Nitrophenol
Concen: 5.688 ng
RT: 9.951 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BP012690.D
Acq: 21 Nov 2022 17:23

Tgt Ion:139 Resp: 8
Ion Ratio Lower Upper
139 100
109 47.1 21.2 31.8#
65 241.2 39.7 59.5#





#29

2,4-Dichlorophenol

Concen: 2.483 ng

RT: 10.710 min Scan# 11

Delta R.T. 0.217 min

Lab File: BP012690.D

Acq: 21 Nov 2022 17:23

Instrument :

BNA_P

ClientSampleId :

PB148514BL

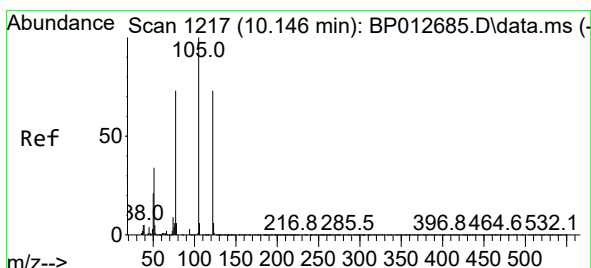
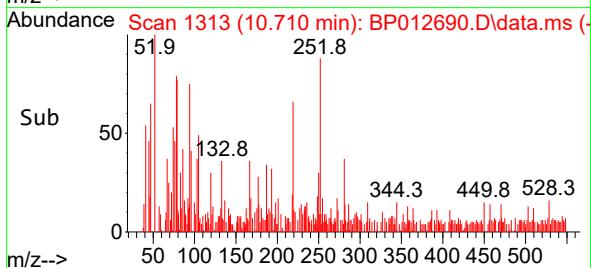
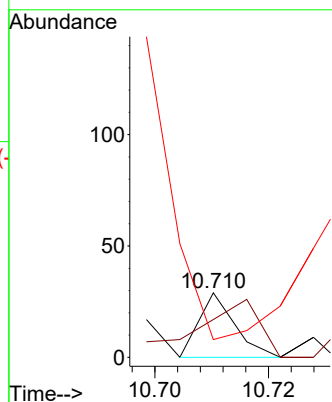
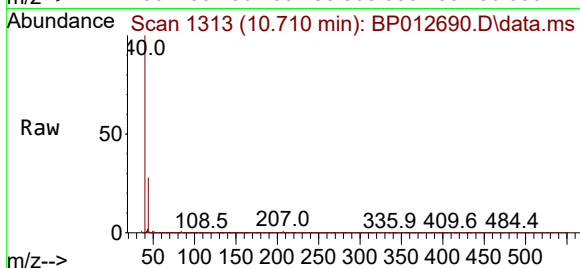
Tgt Ion:162 Resp: 13

Ion Ratio Lower Upper

162 100

164 58.6 44.2 84.2

98 27.6 12.5 52.5



#32

Benzoic acid

Concen: 6.344 ng

RT: 10.128 min Scan# 1214

Delta R.T. -0.018 min

Lab File: BP012690.D

Acq: 21 Nov 2022 17:23

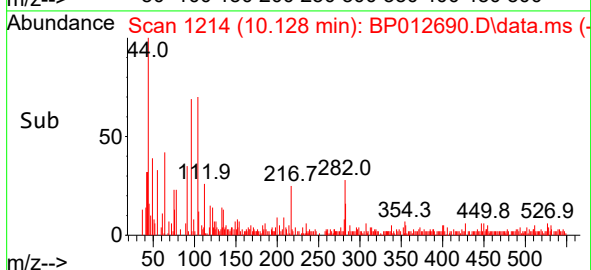
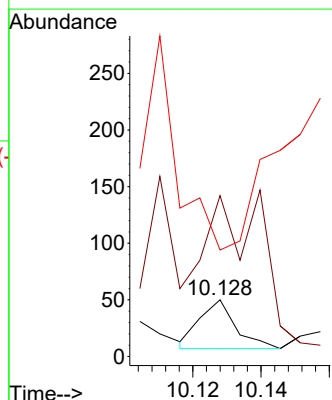
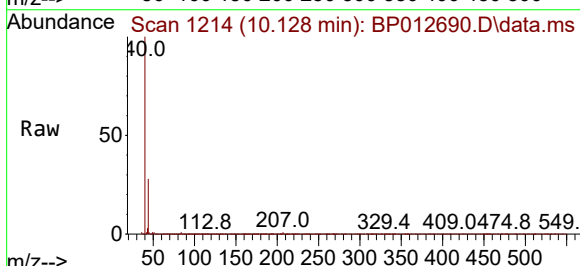
Tgt Ion:122 Resp: 31

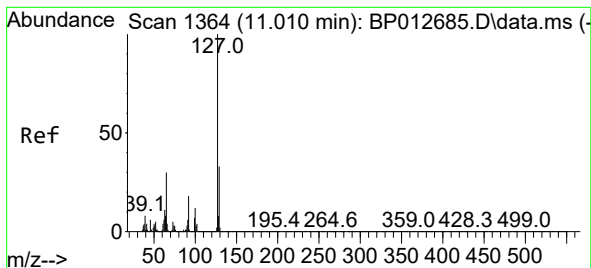
Ion Ratio Lower Upper

122 100

105 284.0 103.5 143.5#

77 188.0 73.6 113.6#

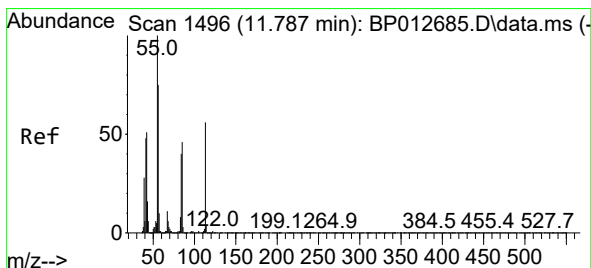
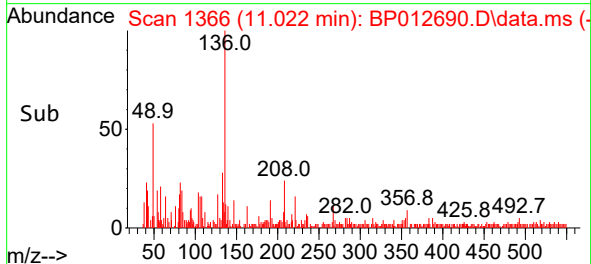
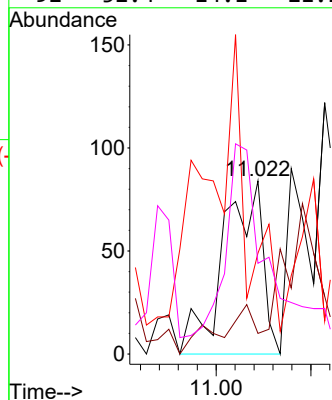
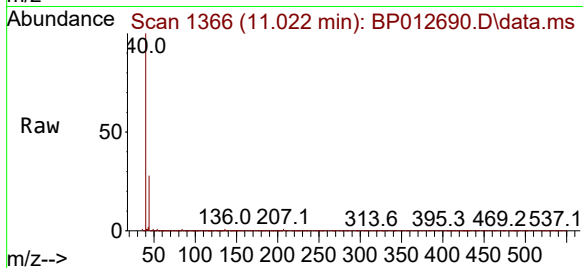




#33
4-Chloroaniline
Concen: 2.411 ng
RT: 11.022 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP012690.D
Acq: 21 Nov 2022 17:23

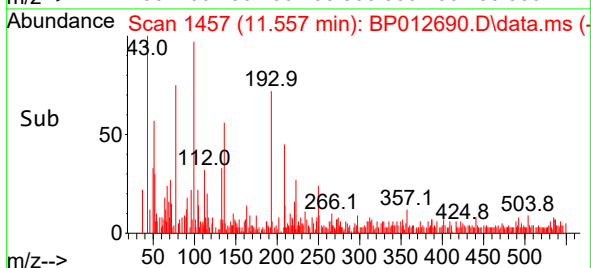
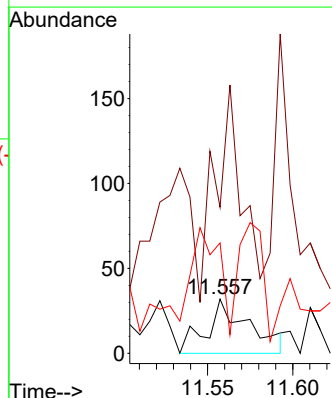
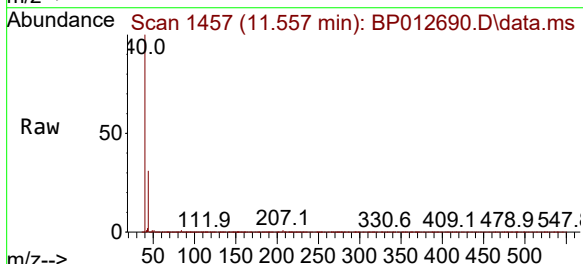
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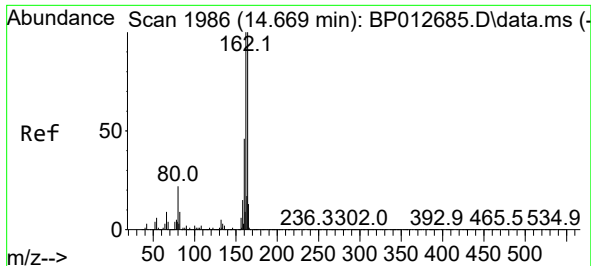
Tgt Ion:	127	Resp:	122
Ion	Ratio	Lower	Upper
127	100		
129	11.9	26.1	39.1#
65	58.3	23.6	35.4#
92	52.4	14.1	21.1#



#35
Caprolactam
Concen: 5.599 ng
RT: 11.557 min Scan# 1457
Delta R.T. -0.230 min
Lab File: BP012690.D
Acq: 21 Nov 2022 17:23

Tgt Ion:	113	Resp:	55
Ion	Ratio	Lower	Upper
113	100		
55	191.1	159.4	199.4
56	144.4	114.7	154.7

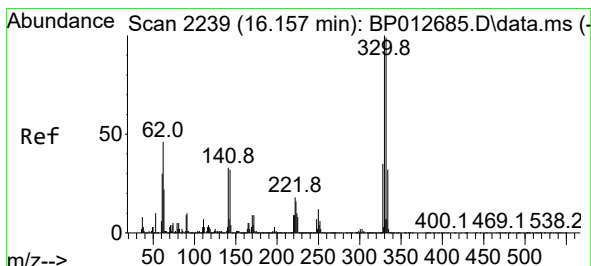
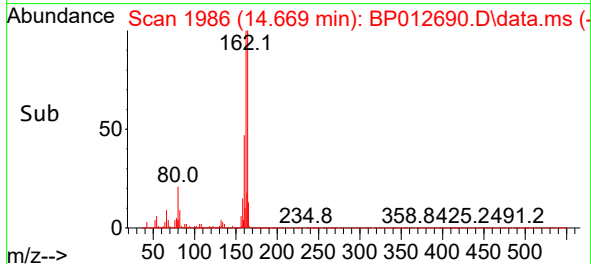
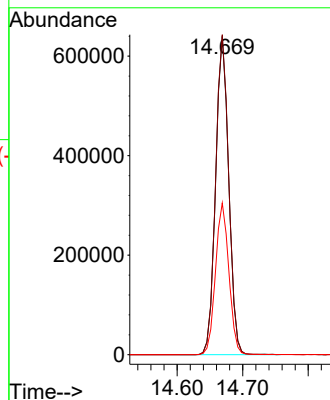
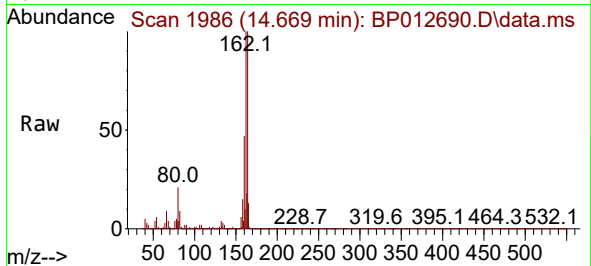




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP012690.D
Acq: 21 Nov 2022 17:23

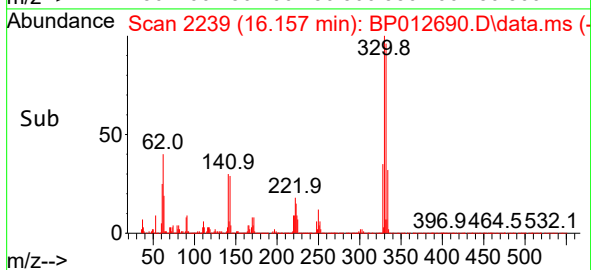
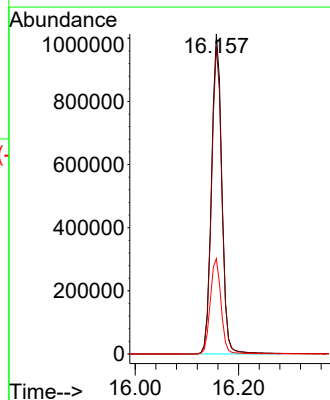
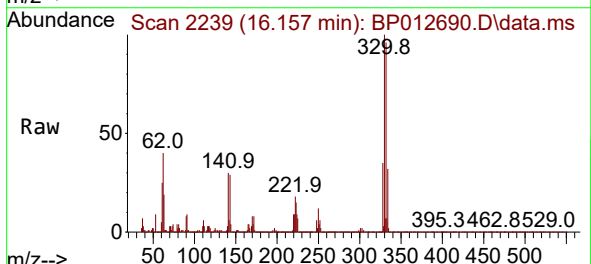
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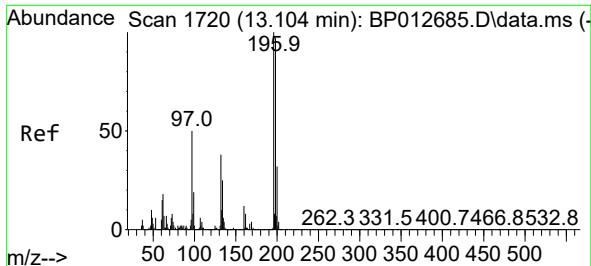
Tgt Ion:164 Resp: 883499
Ion Ratio Lower Upper
164 100
162 100.5 80.4 120.6
160 47.6 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 127.836 ng
RT: 16.157 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BP012690.D
Acq: 21 Nov 2022 17:23

Tgt Ion:330 Resp: 1405063
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.6
141 30.9 25.7 38.5

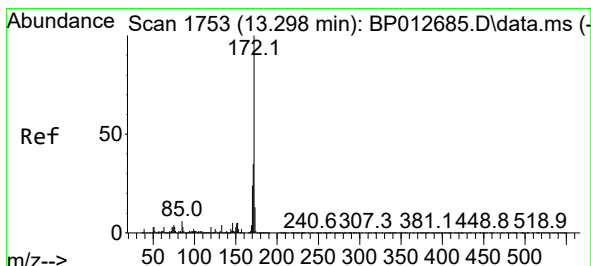
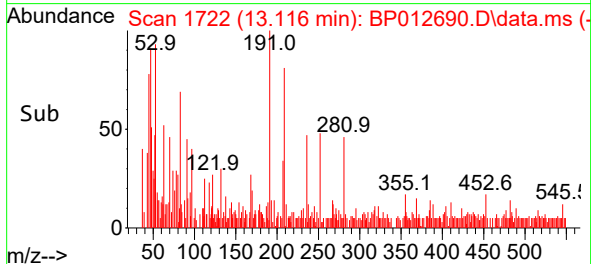
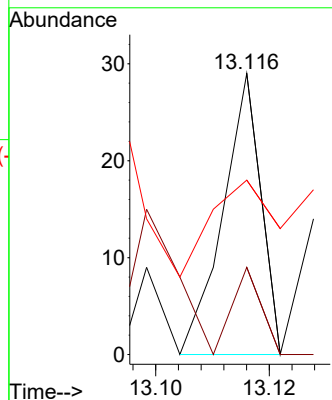
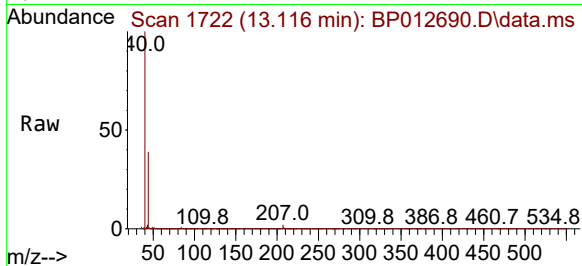




#43
2,4,6-Trichlorophenol
Concen: 2.925 ng
RT: 13.116 min Scan# 1722
Delta R.T. 0.012 min
Lab File: BP012690.D
Acq: 21 Nov 2022 17:23

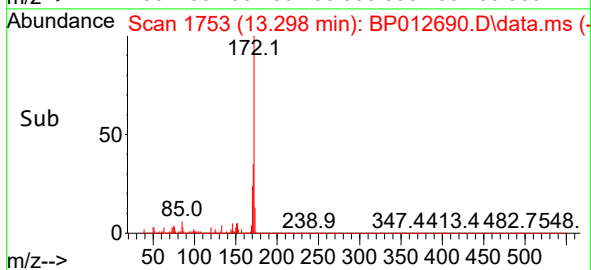
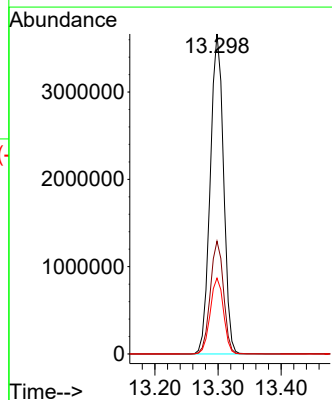
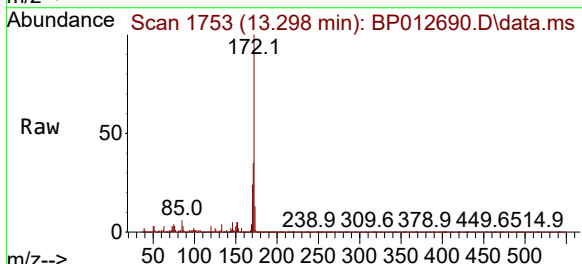
Instrument :
BNA_P
ClientSampleId :
PB148514BL

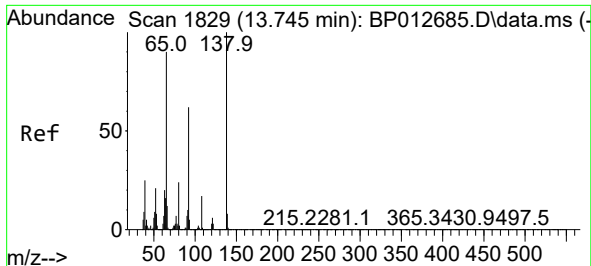
Tgt Ion:196 Resp: 13
Ion Ratio Lower Upper
196 100
198 31.0 77.7 116.5#
200 62.1 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 85.694 ng
RT: 13.298 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BP012690.D
Acq: 21 Nov 2022 17:23

Tgt Ion:172 Resp: 5364822
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.7 19.3 28.9

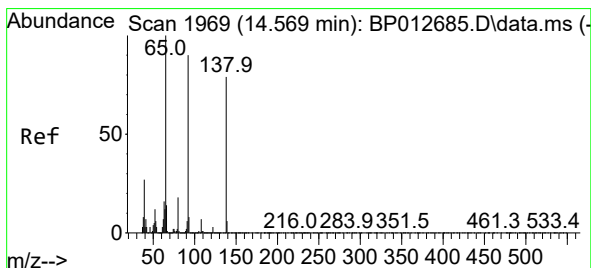
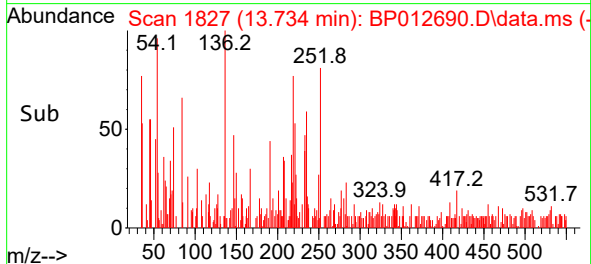
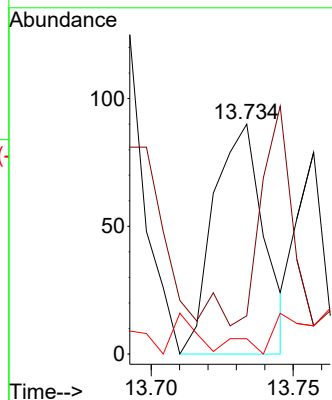
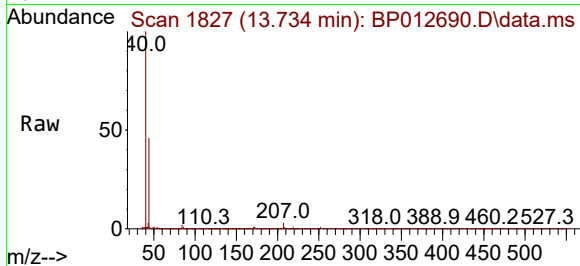




#48
2-Nitroaniline
Concen: 4.752 ng
RT: 13.734 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP012690.D
Acq: 21 Nov 2022 17:23

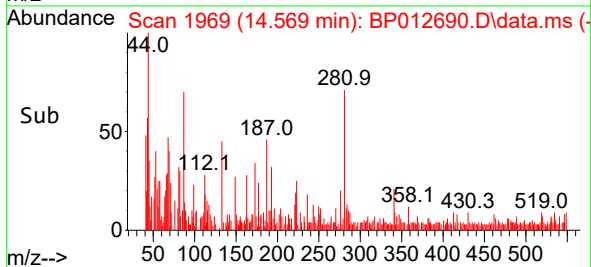
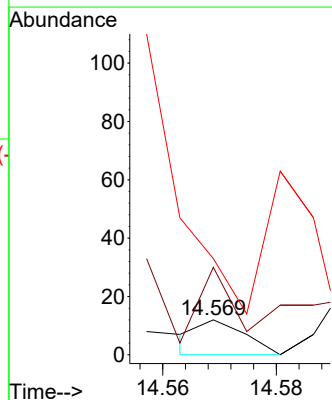
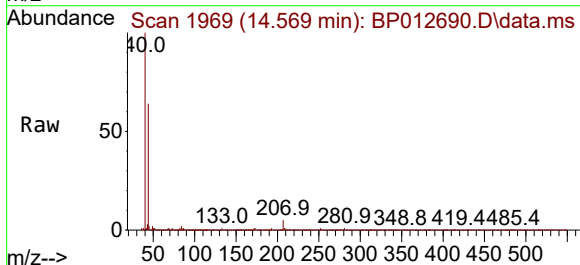
Instrument :
BNA_P
ClientSampleId :
PB148514BL

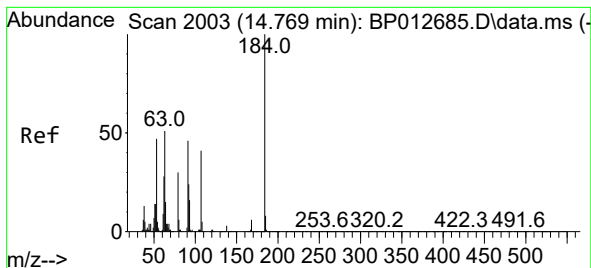
Tgt Ion: 65 Resp: 110
Ion Ratio Lower Upper
65 100
92 16.7 55.3 82.9#
138 6.7 89.1 133.7#



#53
3-Nitroaniline
Concen: 3.433 ng
RT: 14.569 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BP012690.D
Acq: 21 Nov 2022 17:23

Tgt Ion: 138 Resp: 7
Ion Ratio Lower Upper
138 100
108 250.0 7.0 10.6#
92 275.0 90.6 135.8#

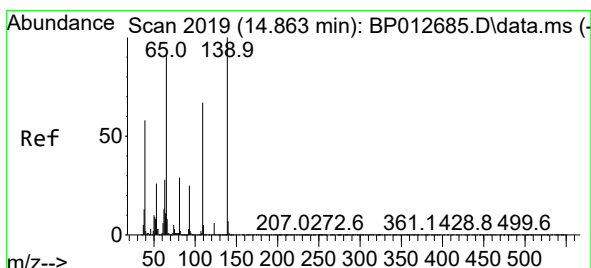
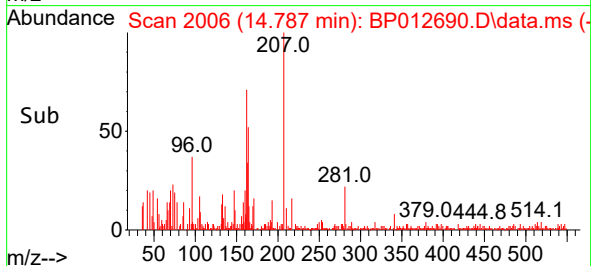
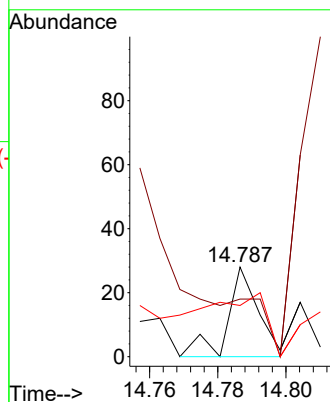
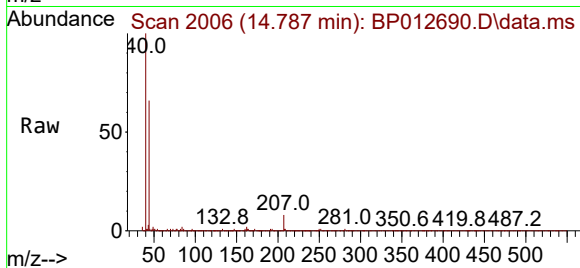




#54
2,4-Dinitrophenol
Concen: 5.303 ng
RT: 14.787 min Scan# 2006
Delta R.T. 0.018 min
Lab File: BP012690.D
Acq: 21 Nov 2022 17:23

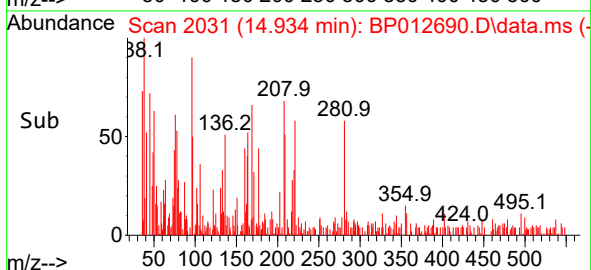
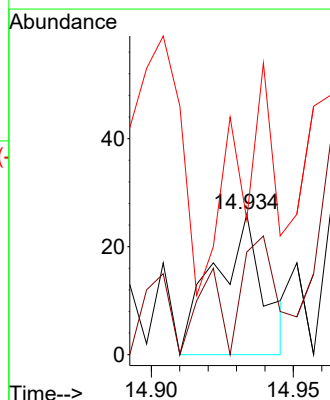
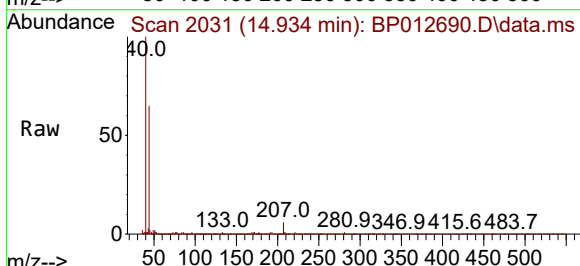
Instrument :
BNA_P
ClientSampleId :
PB148514BL

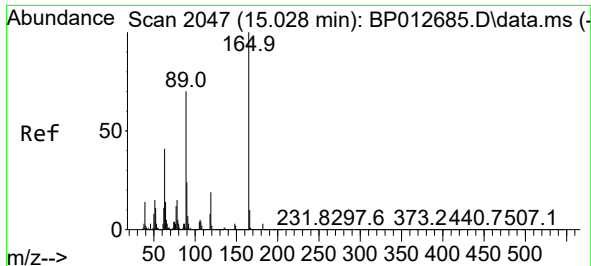
Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 64.3 50.9 76.3
154 57.1 45.0 67.4



#56
4-Nitrophenol
Concen: 4.651 ng
RT: 14.934 min Scan# 2031
Delta R.T. 0.071 min
Lab File: BP012690.D
Acq: 21 Nov 2022 17:23

Tgt Ion:139 Resp: 31
Ion Ratio Lower Upper
139 100
109 73.1 46.6 86.6
65 96.2 71.0 111.0





#57

2,4-Dinitrotoluene

Concen: 3.024 ng

RT: 15.022 min Scan# 2047

Delta R.T. -0.006 min

Lab File: BP012690.D

Acq: 21 Nov 2022 17:23

Instrument :

BNA_P

ClientSampleId :

PB148514BL

Tgt Ion:165 Resp: 118

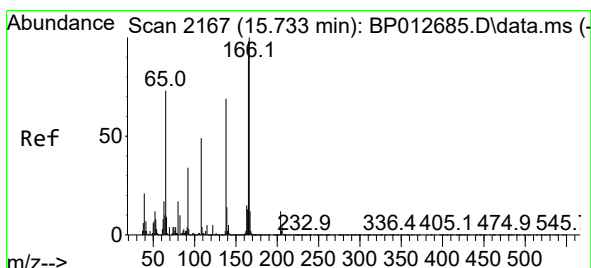
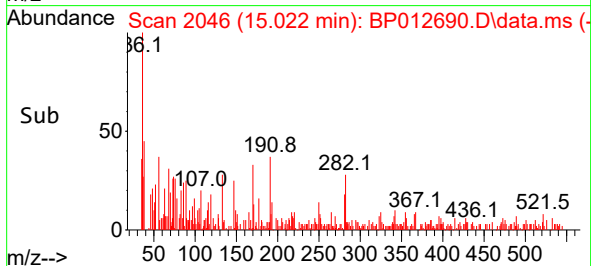
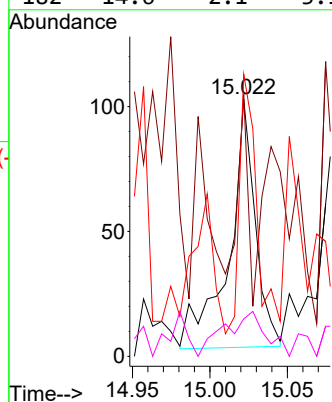
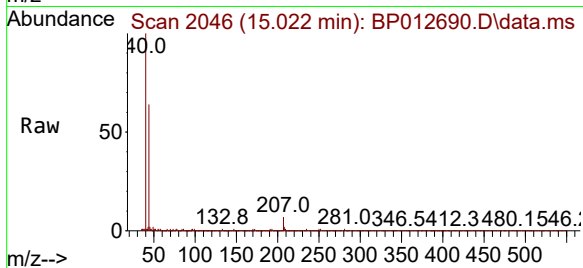
Ion Ratio Lower Upper

165 100

63 101.9 33.0 49.6#

89 109.7 55.9 83.9#

182 14.6 2.1 3.1#



#62

4-Nitroaniline

Concen: 4.534 ng

RT: 15.863 min Scan# 2189

Delta R.T. 0.130 min

Lab File: BP012690.D

Acq: 21 Nov 2022 17:23

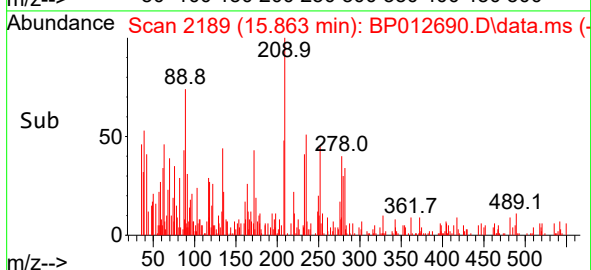
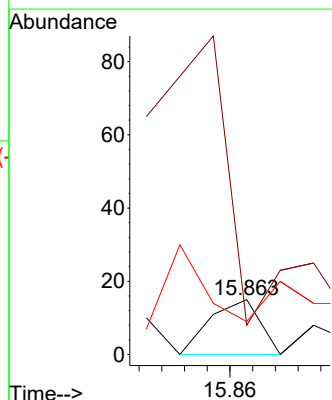
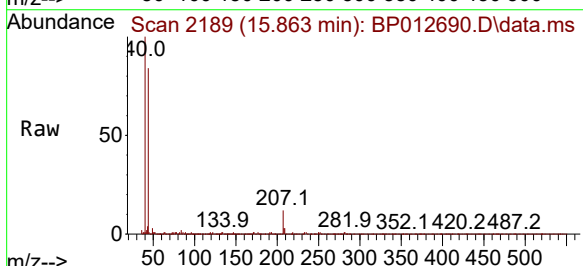
Tgt Ion:138 Resp: 9

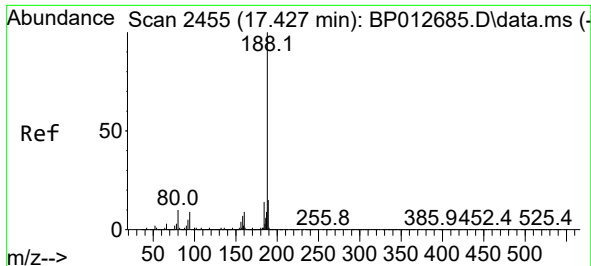
Ion Ratio Lower Upper

138 100

92 53.3 29.2 69.2

108 60.0 51.0 91.0

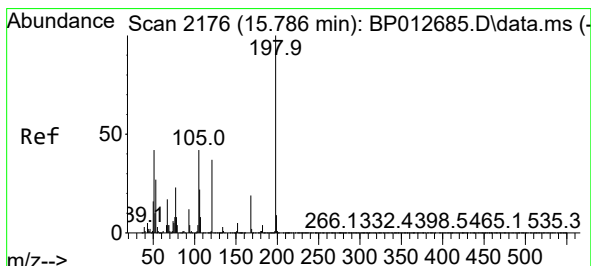
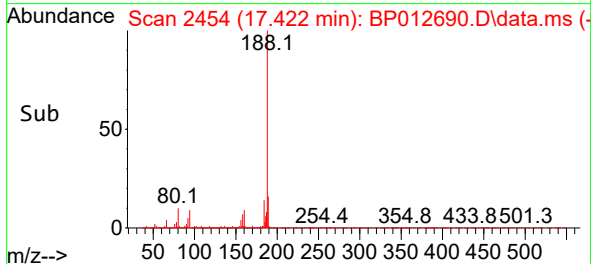
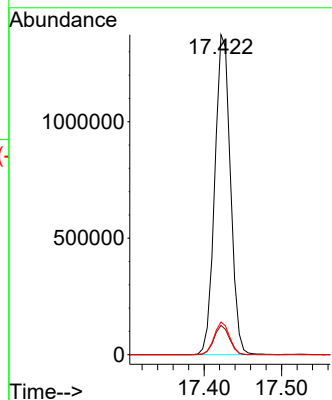
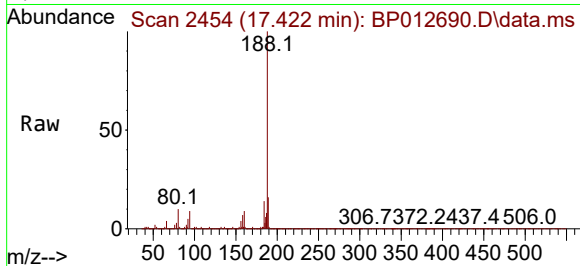




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.422 min Scan# 2455
Delta R.T. -0.006 min
Lab File: BP012690.D
Acq: 21 Nov 2022 17:23

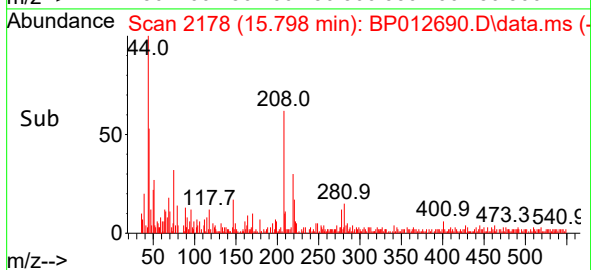
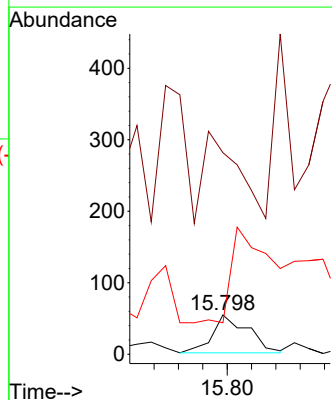
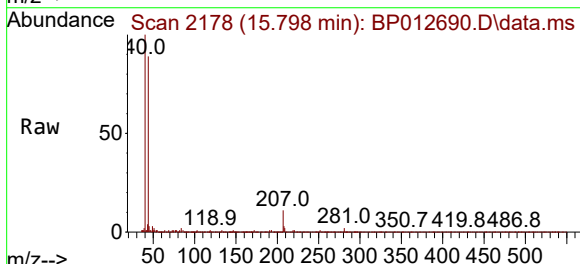
Instrument :
BNA_P
ClientSampleId :
PB148514BL

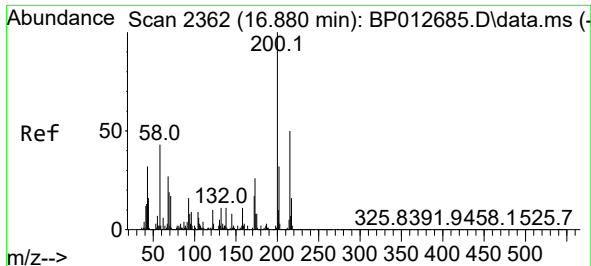
Tgt Ion:188 Resp: 1927331
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 10.2 7.8 11.8



#65
4,6-Dinitro-2-methylphenol
Concen: 8.065 ng
RT: 15.798 min Scan# 2178
Delta R.T. 0.012 min
Lab File: BP012690.D
Acq: 21 Nov 2022 17:23

Tgt Ion:198 Resp: 54
Ion Ratio Lower Upper
198 100
51 512.7 26.0 66.0#
105 80.0 23.0 63.0#

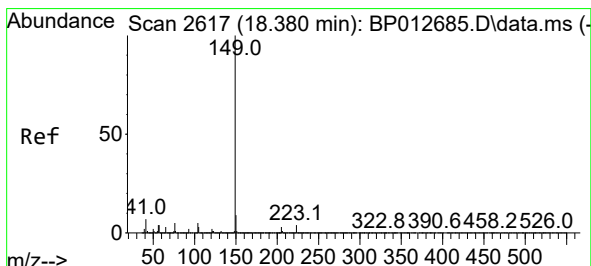
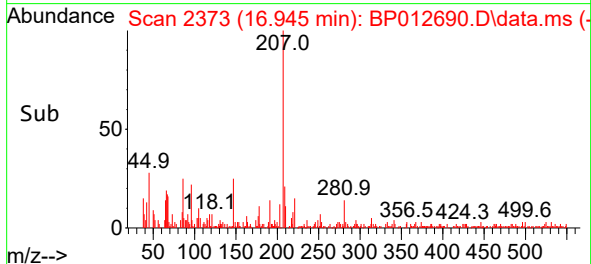
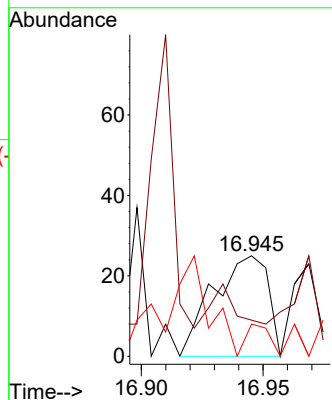
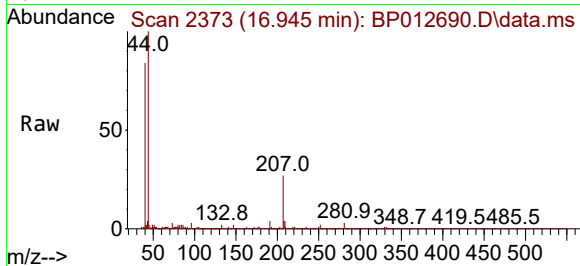




#69
 Atrazine
 Concen: 2.968 ng
 RT: 16.945 min Scan# 21
 Delta R.T. 0.065 min
 Lab File: BP012690.D
 Acq: 21 Nov 2022 17:23

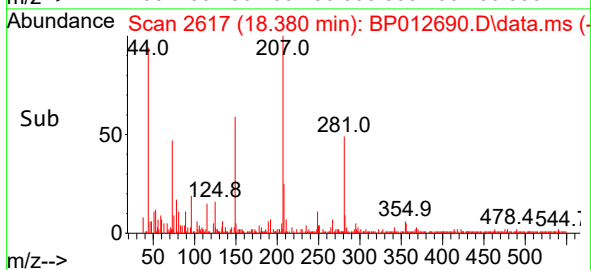
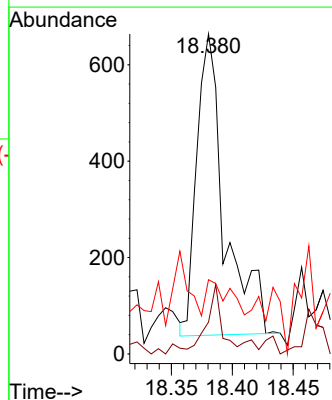
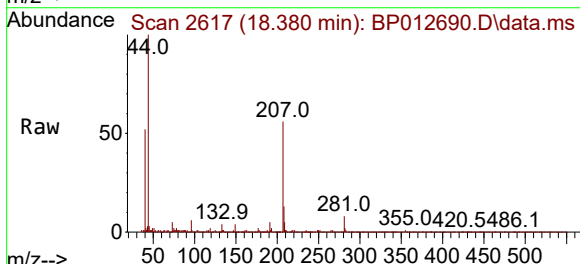
Instrument :
 BNA_P
 ClientSampleId :
 PB148514BL

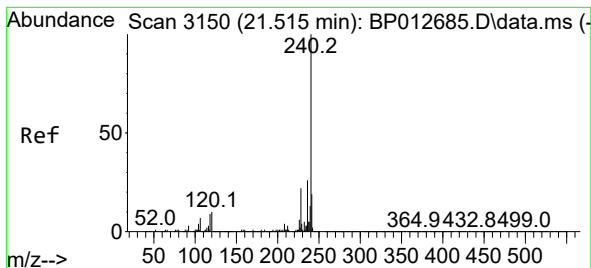
Tgt Ion:200 Resp: 39
 Ion Ratio Lower Upper
 200 100
 173 36.0 5.7 45.7
 215 32.0 30.3 70.3



#74
 Di-n-butylphthalate
 Concen: 4.030 ng
 RT: 18.380 min Scan# 2617
 Delta R.T. 0.000 min
 Lab File: BP012690.D
 Acq: 21 Nov 2022 17:23

Tgt Ion:149 Resp: 997
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.4 11.2
 104 23.2 4.2 6.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 3150

Delta R.T. -0.006 min

Lab File: BP012690.D

Acq: 21 Nov 2022 17:23

Instrument :

BNA_P

ClientSampleId :

PB148514BL

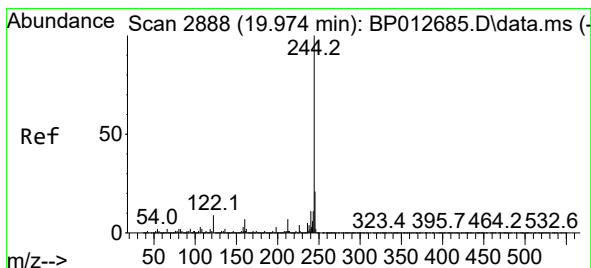
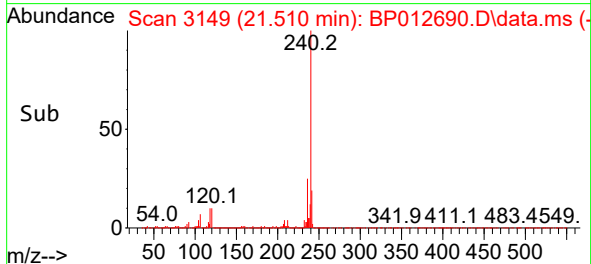
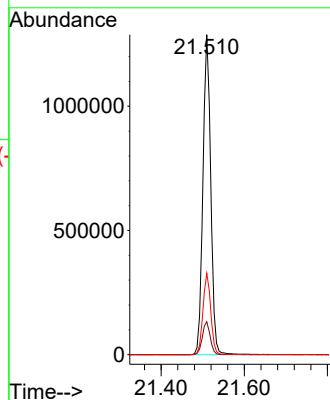
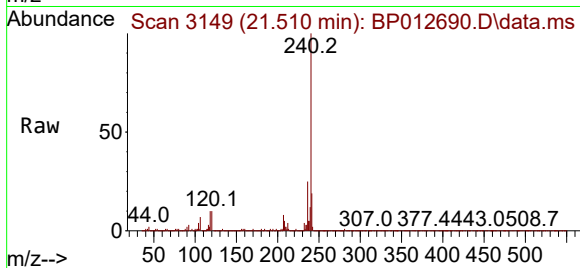
Tgt Ion:240 Resp: 1684146

Ion Ratio Lower Upper

240 100

120 10.3 7.8 11.8

236 25.5 20.5 30.7



#79

Terphenyl-d14

Concen: 107.836 ng

RT: 19.974 min Scan# 2888

Delta R.T. 0.000 min

Lab File: BP012690.D

Acq: 21 Nov 2022 17:23

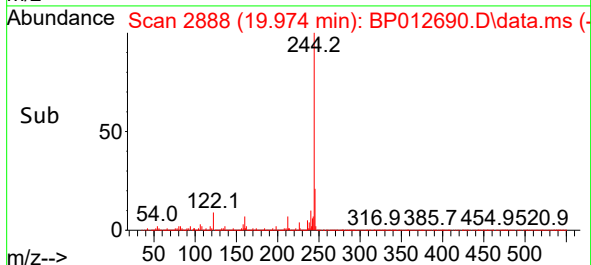
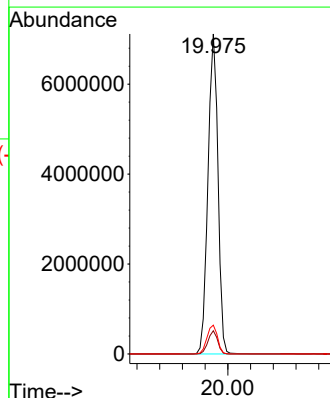
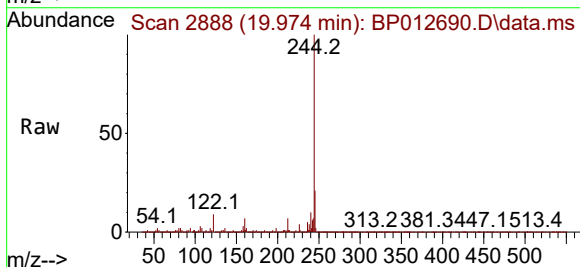
Tgt Ion:244 Resp: 8630744

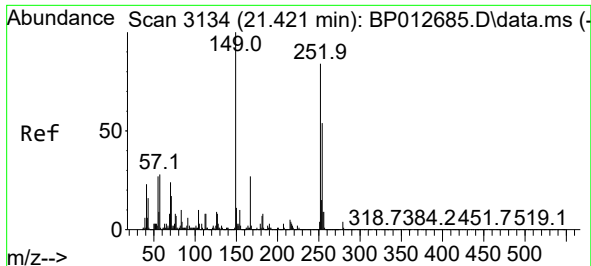
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.0 7.0 10.6

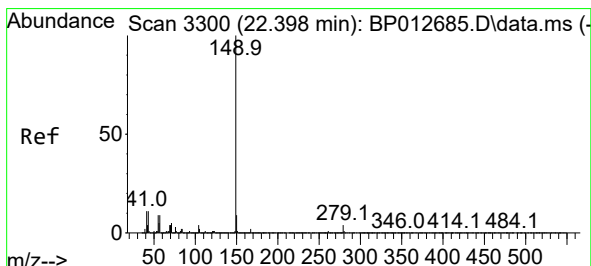
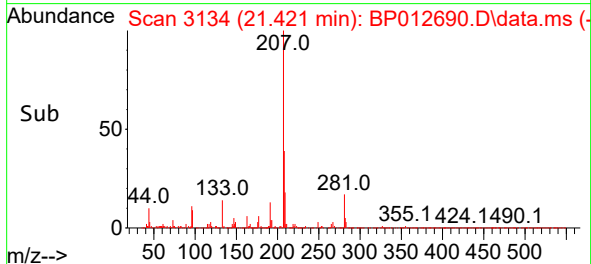
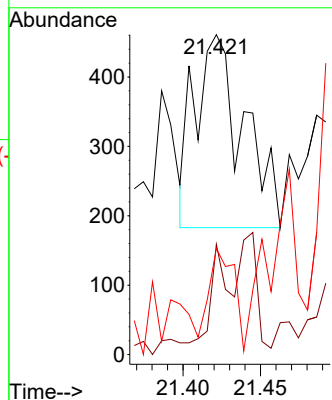
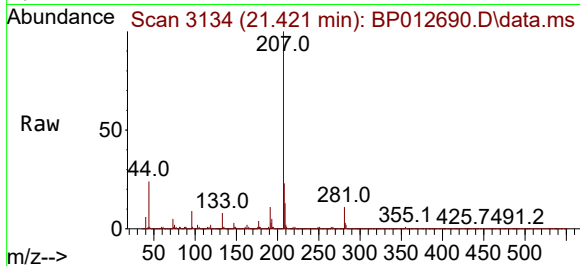




#82
3,3'-Dichlorobenzidine
Concen: 7.978 ng
RT: 21.421 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP012690.D
Acq: 21 Nov 2022 17:23

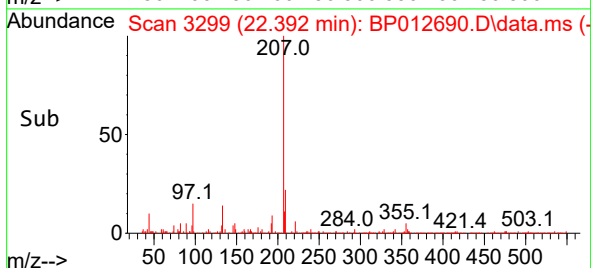
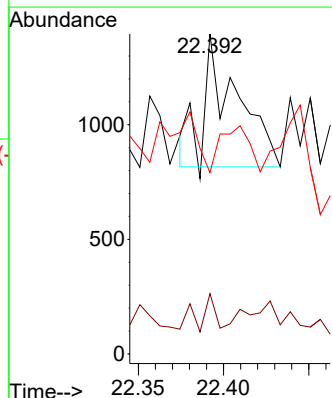
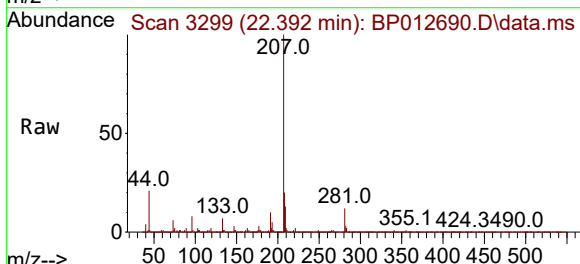
Instrument :
BNA_P
ClientSampleId :
PB148514BL

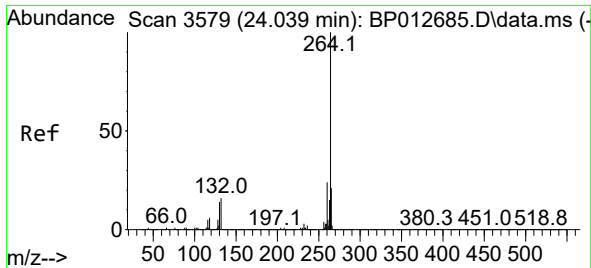
Tgt Ion:252 Resp: 608
Ion Ratio Lower Upper
252 100
254 34.5 51.7 77.5#
126 34.3 8.2 12.4#



#85
Di-n-octyl phthalate
Concen: 5.547 ng
RT: 22.392 min Scan# 3299
Delta R.T. -0.006 min
Lab File: BP012690.D
Acq: 21 Nov 2022 17:23

Tgt Ion:149 Resp: 802
Ion Ratio Lower Upper
149 100
167 5.7 1.3 1.9#
43 40.8 11.5 17.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.033 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP012690.D
 Acq: 21 Nov 2022 17:23

Instrument :
 BNA_P
 ClientSampleId :
 PB148514BL

Tgt Ion:264 Resp: 1468574
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.4 17.3 25.9

