

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112322\
 Data File : BP012706.D
 Acq On : 23 Nov 2022 12:40
 Operator : CG/JU
 Sample : N5732-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 9DMC986SP

Quant Time: Nov 24 02:26:25 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)

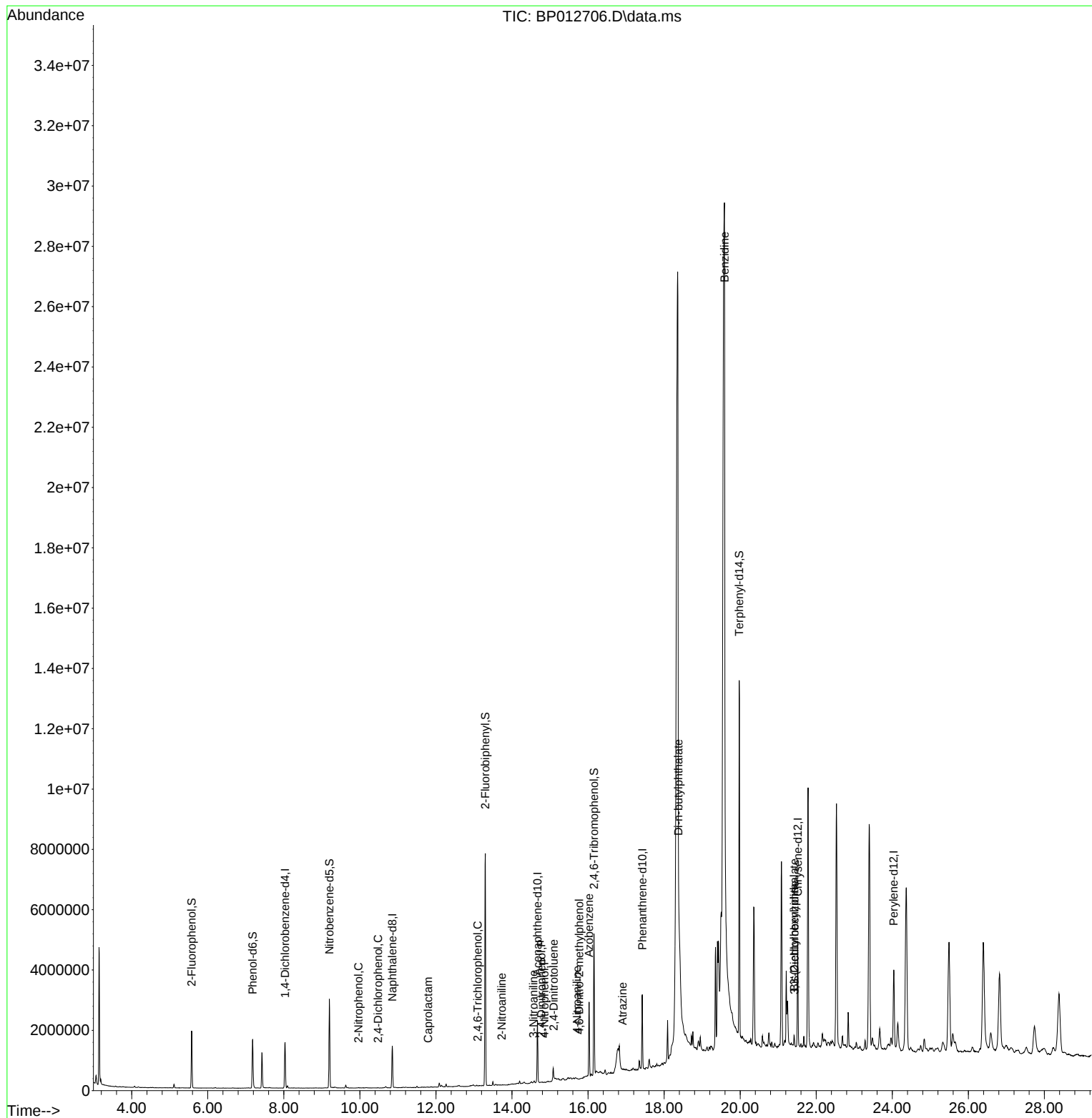
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	303895	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	1159807	20.000	ng	0.00
39) Acenaphthene-d10	14.669	164	696296	20.000	ng	0.00
64) Phenanthrene-d10	17.428	188	1512958	20.000	ng	0.00
76) Chrysene-d12	21.516	240	1757652	20.000	ng	0.00
86) Perylene-d12	24.039	264	1952691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	816572	58.213	ng	0.00
7) Phenol-d6	7.181	99	1000845	49.751	ng	0.00
23) Nitrobenzene-d5	9.199	82	1593506	76.625	ng	0.00
42) 2,4,6-Tribromophenol	16.157	330	891309	102.119	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	4018927	82.229	ng	0.00
79) Terphenyl-d14	19.975	244	5917997	71.561	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.163	77	4657	Below Cal	#	41
26) 2-Nitrophenol	9.963	139	776	4.505 ng	#	1
29) 2,4-Dichlorophenol	10.481	162	213	2.216 ng	#	1
32) Benzoic acid	10.169	122	232	Below Cal	#	44
35) Caprolactam	11.793	113	589	2.889 ng	#	1
43) 2,4,6-Trichlorophenol	13.098	196	2006	4.306 ng	#	98
48) 2-Nitroaniline	13.734	65	526	4.850 ng	#	56
53) 3-Nitroaniline	14.563	138	231	3.693 ng	#	49
54) 2,4-Dinitrophenol	14.775	184	101	3.051 ng	#	1
56) 4-Nitrophenol	14.851	139	434	5.737 ng	#	33
57) 2,4-Dinitrotoluene	15.098	165	343	3.573 ng	#	64
62) 4-Nitroaniline	15.710	138	916	4.674 ng	#	72
63) Azobenzene	16.028	77	659723	12.918 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.769	198	84	3.698 ng	#	1
69) Atrazine	16.910	200	168	4.038 ng	#	28
74) Di-n-butylphthalate	18.380	149	313847	9.224 ng	#	99
77) Benzidine	19.592	184	24115	2.328 ng	#	1
80) Butylbenzylphthalate	20.651	149	7545	Below Cal	#	21
82) 3,3'-Dichlorobenzidine	21.427	252	829	8.640 ng	#	44
84) Bis(2-ethylhexyl)phtha...	21.422	149	158326	10.860 ng	#	97
85) Di-n-octyl phthalate	22.392	149	7550	Below Cal	#	65

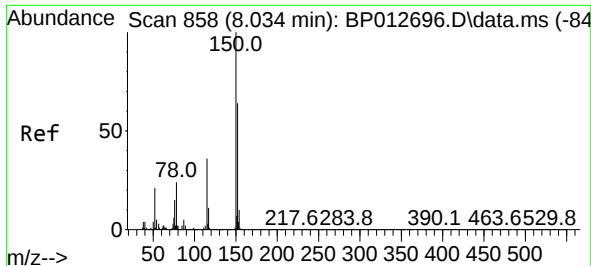
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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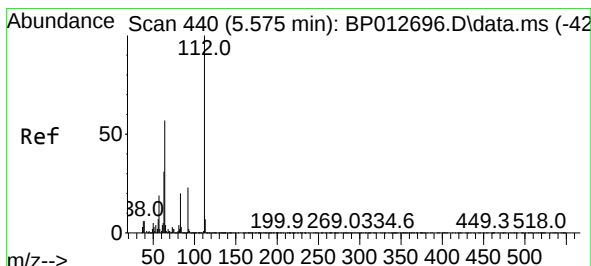
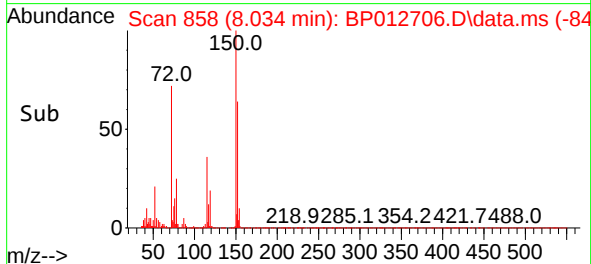
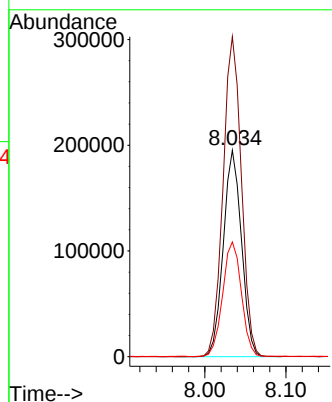
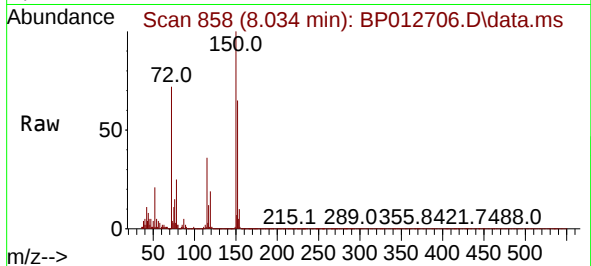




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.034 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

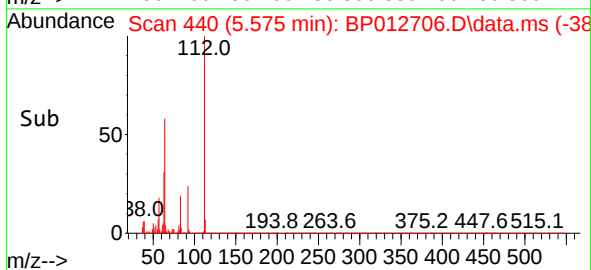
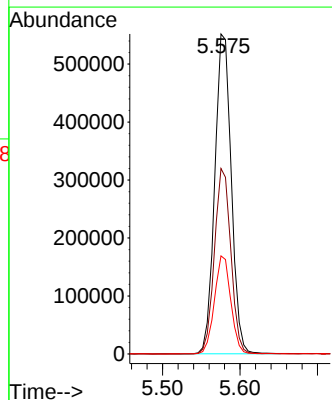
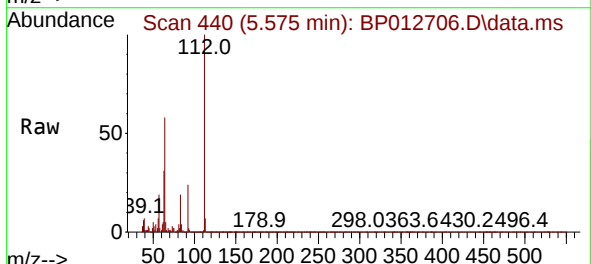
Instrument :
BNA_P
ClientSampleId :
9DMC986SP

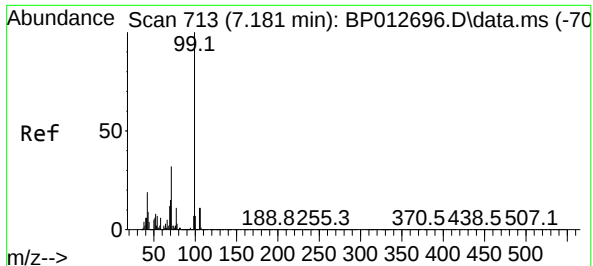
Tgt Ion:152 Resp: 303895
Ion Ratio Lower Upper
152 100
150 155.0 126.0 189.0
115 55.5 44.9 67.3



#5
2-Fluorophenol
Concen: 58.213 ng
RT: 5.575 min Scan# 440
Delta R.T. 0.000 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

Tgt Ion:112 Resp: 816572
Ion Ratio Lower Upper
112 100
64 58.0 45.4 68.0
63 30.6 24.6 37.0

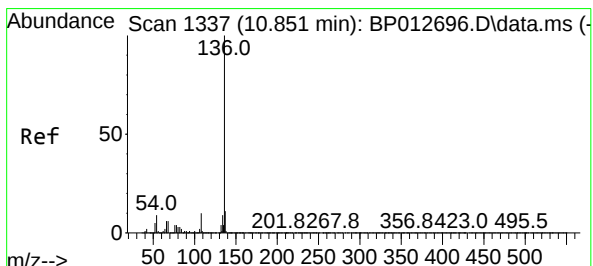
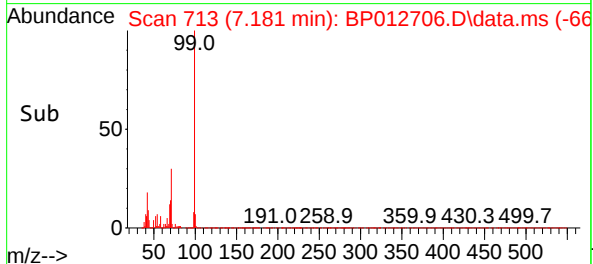
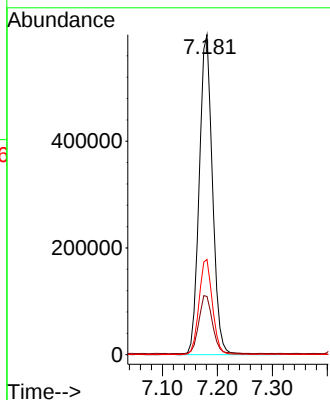
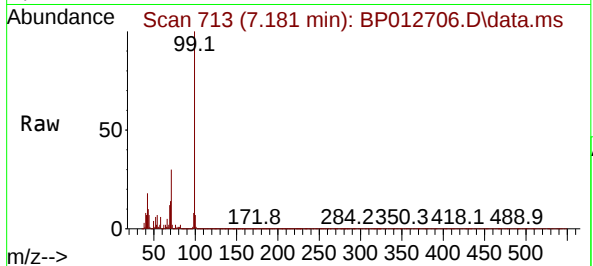




#7
Phenol-d6
Concen: 49.751 ng
RT: 7.181 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

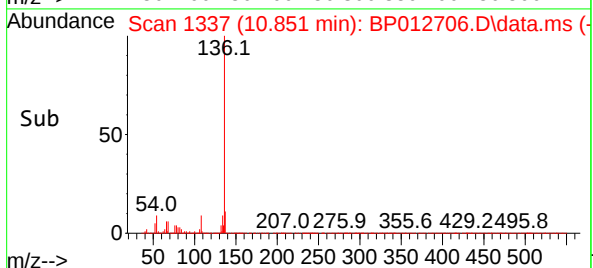
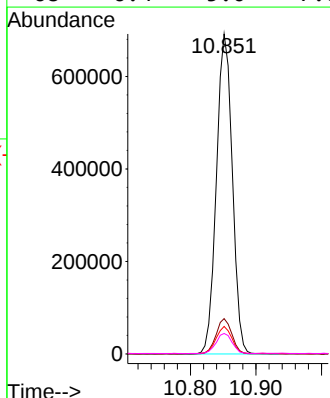
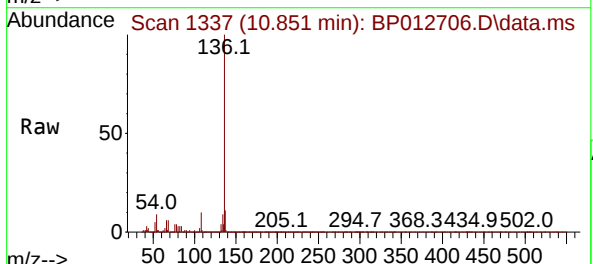
Instrument :
BNA_P
ClientSampleId :
9DMC986SP

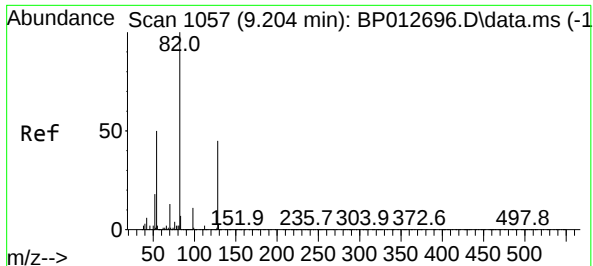
Tgt Ion: 99 Resp: 1000845
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.6
71 29.8 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

Tgt Ion:136 Resp: 1159807
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.6 6.9 10.3
68 6.4 5.0 7.6

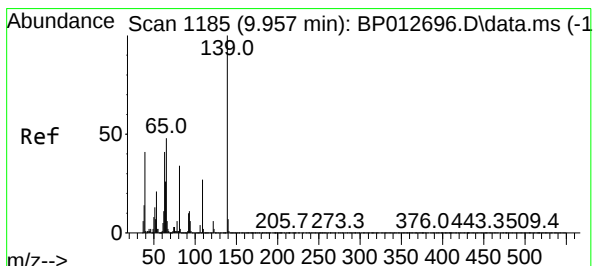
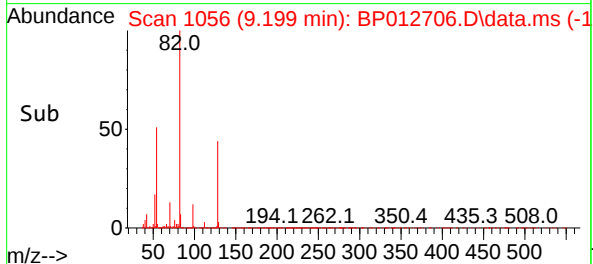
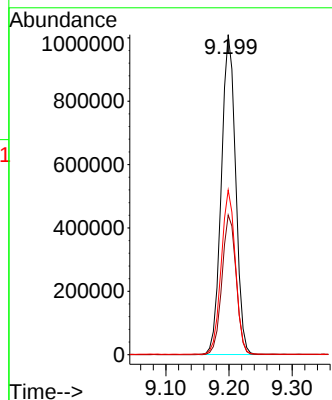
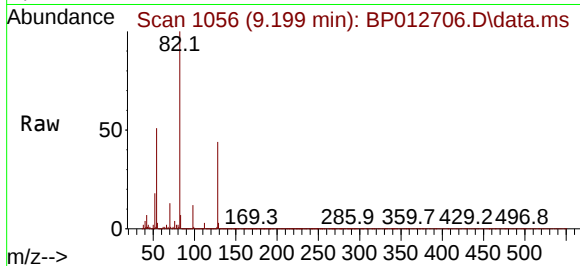




#23
Nitrobenzene-d5
Concen: 76.625 ng
RT: 9.199 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

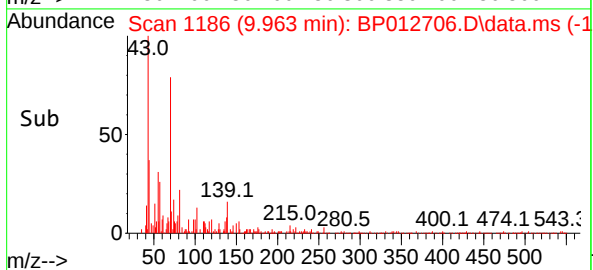
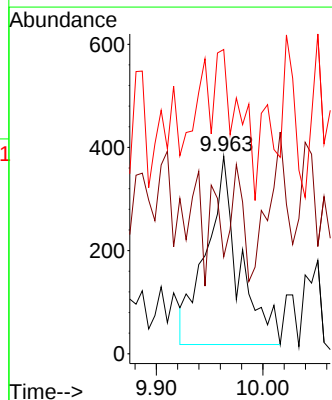
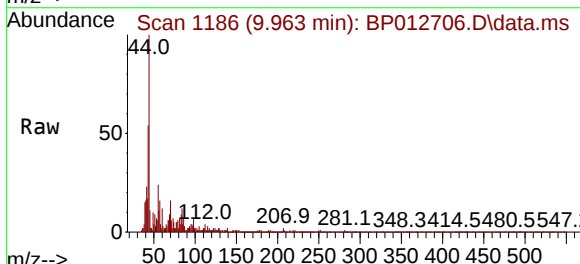
Instrument :
BNA_P
ClientSampleId :
9DMC986SP

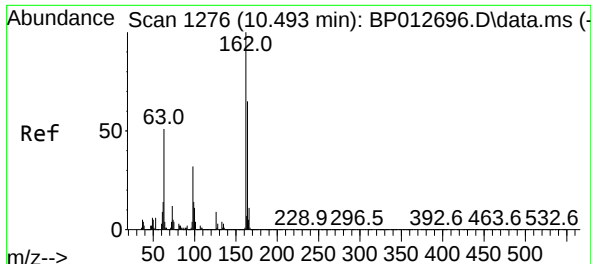
Tgt Ion: 82 Resp: 1593506
Ion Ratio Lower Upper
82 100
128 43.7 35.6 53.4
54 51.5 40.3 60.5



#26
2-Nitrophenol
Concen: 4.505 ng
RT: 9.963 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

Tgt Ion: 139 Resp: 776
Ion Ratio Lower Upper
139 100
109 49.1 21.5 32.3#
65 154.0 38.3 57.5#





#29

2,4-Dichlorophenol

Concen: 2.216 ng

RT: 10.481 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP012706.D

Acq: 23 Nov 2022 12:40

Instrument :

BNA_P

ClientSampleId :

9DMC986SP

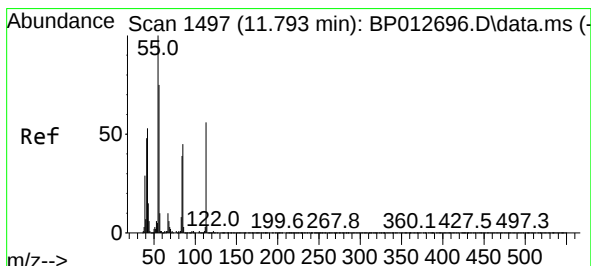
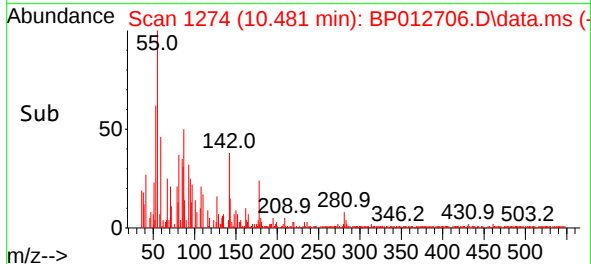
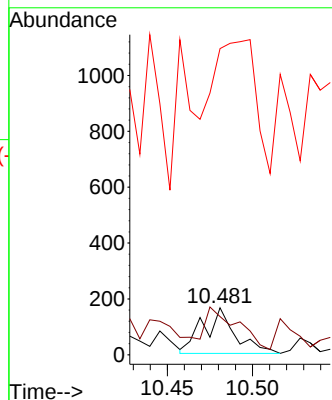
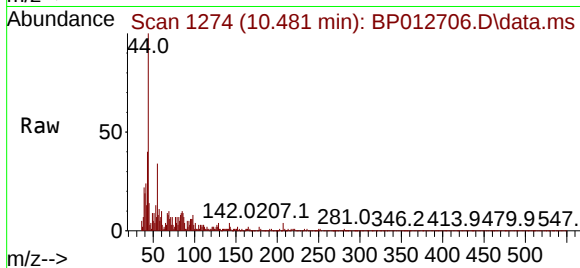
Tgt Ion:162 Resp: 213

Ion Ratio Lower Upper

162 100

164 81.5 44.9 84.9

98 652.4 12.5 52.5#



#35

Caprolactam

Concen: 2.889 ng

RT: 11.793 min Scan# 1497

Delta R.T. -0.000 min

Lab File: BP012706.D

Acq: 23 Nov 2022 12:40

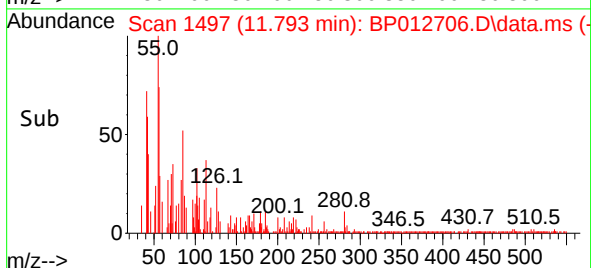
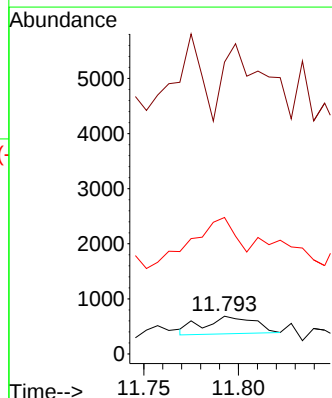
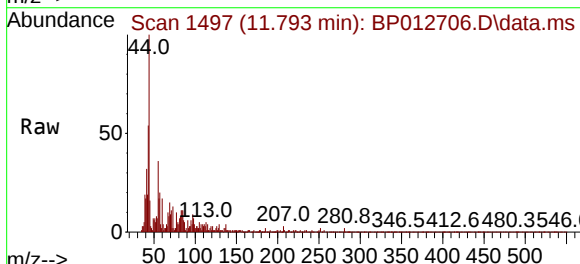
Tgt Ion:113 Resp: 589

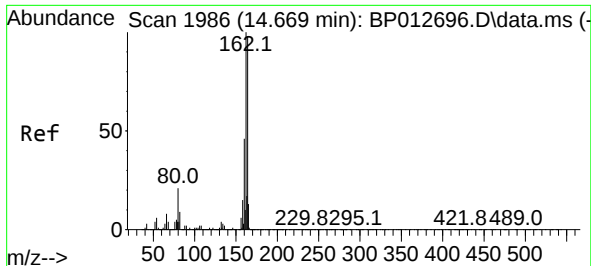
Ion Ratio Lower Upper

113 100

55 771.0 158.0 198.0#

56 360.7 114.1 154.1#

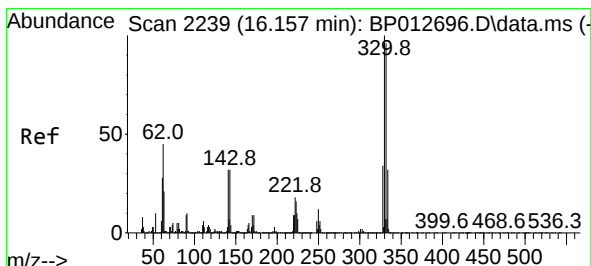
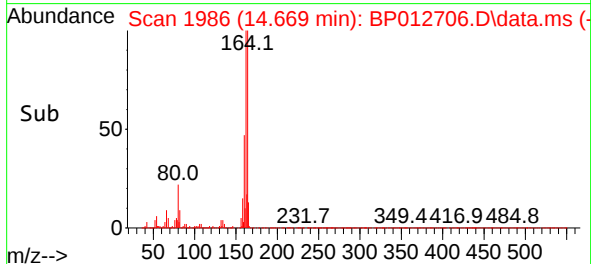
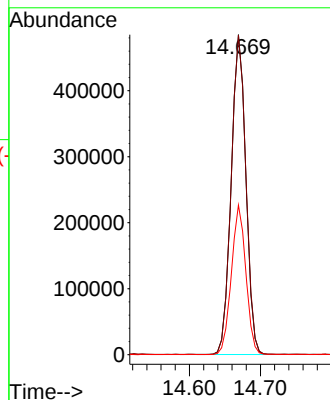
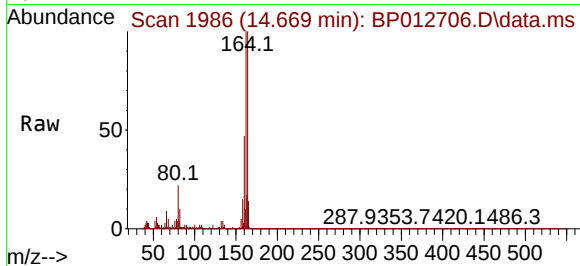




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

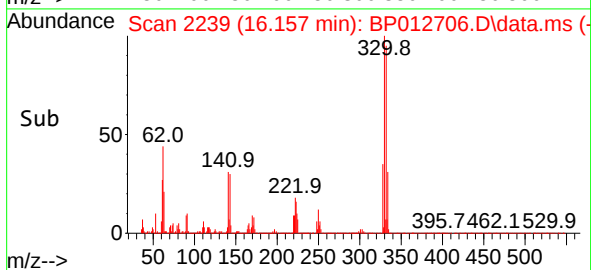
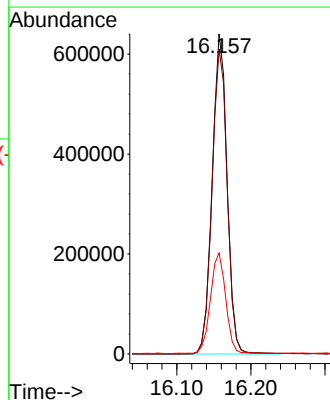
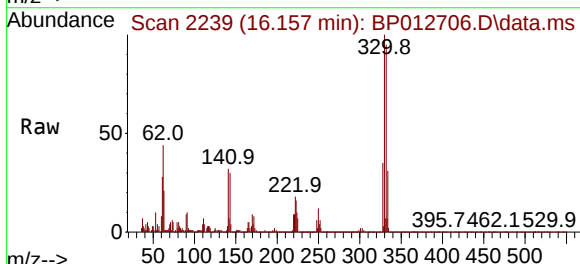
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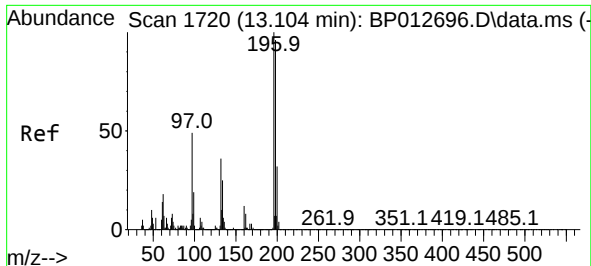
Tgt Ion:164 Resp: 696296
Ion Ratio Lower Upper
164 100
162 99.9 81.3 121.9
160 46.8 37.6 56.4



#42
2,4,6-Tribromophenol
Concen: 102.119 ng
RT: 16.157 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

Tgt Ion:330 Resp: 891309
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 32.2 25.2 37.8

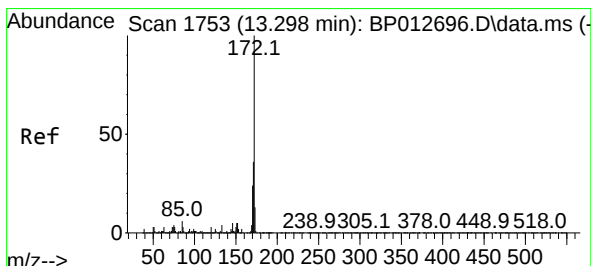
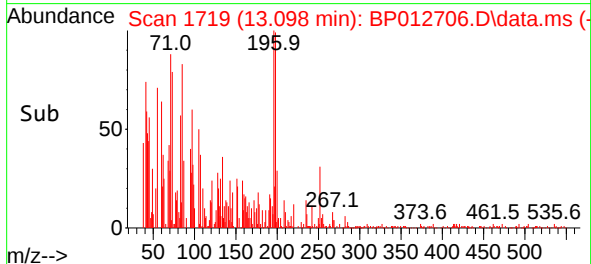
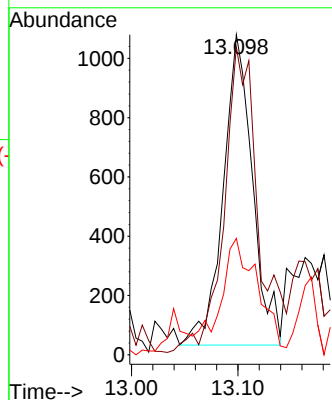
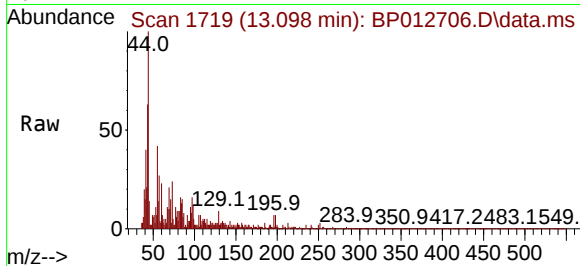




#43
2,4,6-Trichlorophenol
Concen: 4.306 ng
RT: 13.098 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

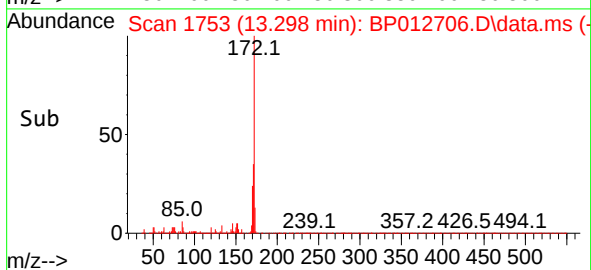
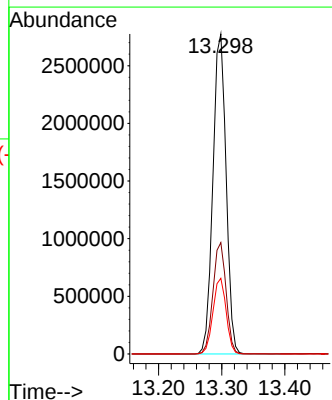
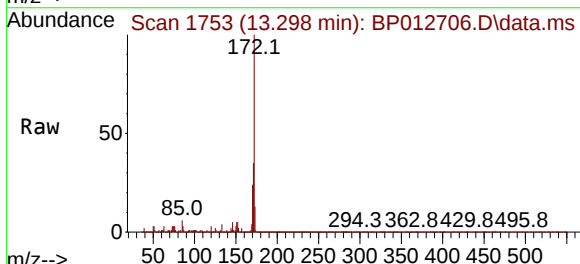
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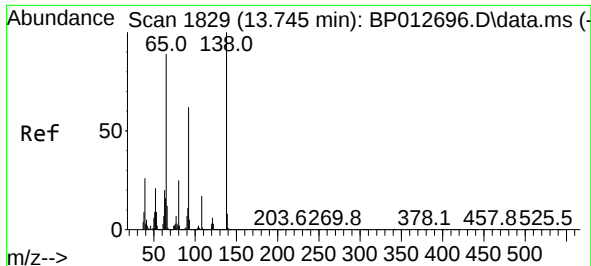
Tgt Ion:196 Resp: 2006
Ion Ratio Lower Upper
196 100
198 96.1 76.6 115.0
200 36.4 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 82.229 ng
RT: 13.298 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

Tgt Ion:172 Resp: 4018927
Ion Ratio Lower Upper
172 100
171 34.8 28.4 42.6
170 23.7 19.1 28.7

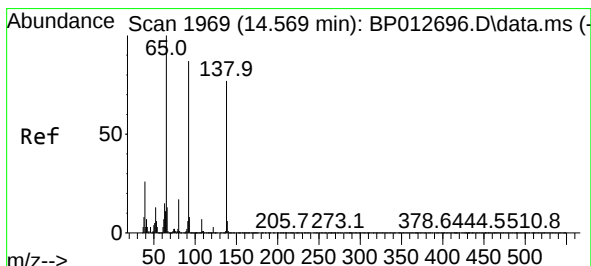
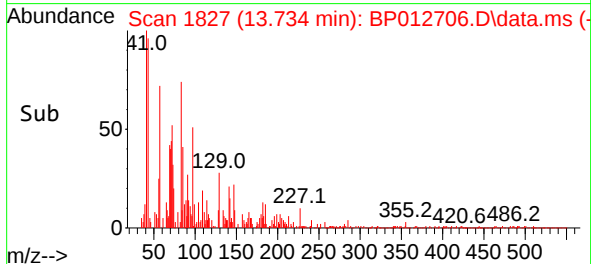
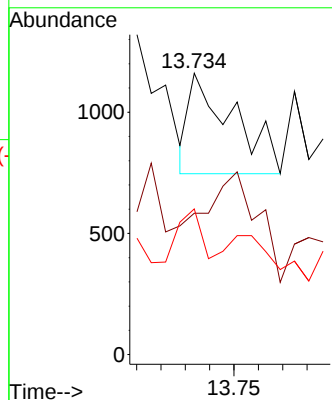
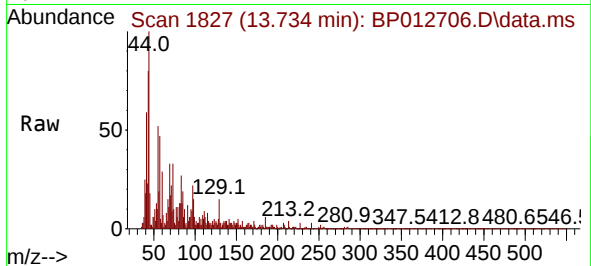




#48
2-Nitroaniline
Concen: 4.850 ng
RT: 13.734 min Scan# 1827
Delta R.T. -0.011 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

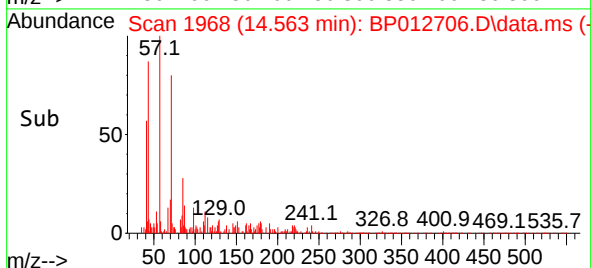
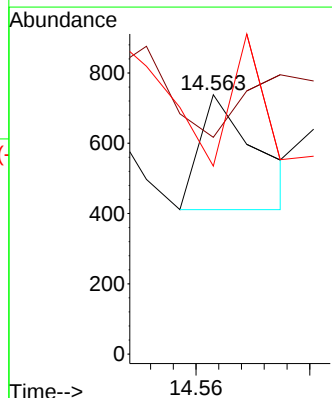
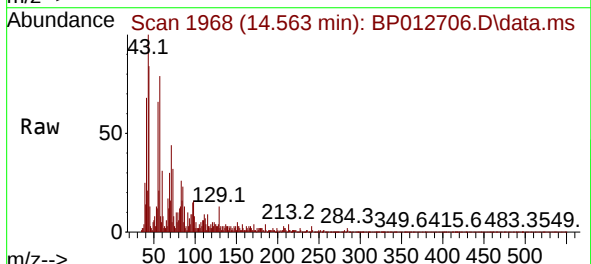
Instrument :
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ClientSampleId :
9DMC986SP

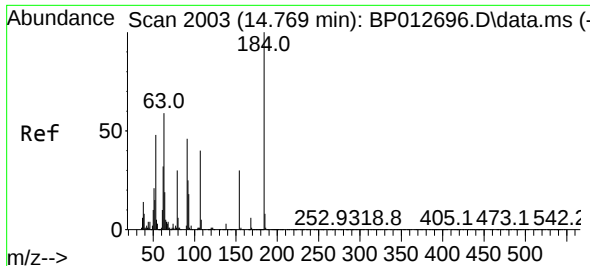
Tgt Ion: 65 Resp: 526
Ion Ratio Lower Upper
65 100
92 50.2 55.4 83.2#
138 51.8 89.5 134.3#



#53
3-Nitroaniline
Concen: 3.693 ng
RT: 14.563 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

Tgt Ion: 138 Resp: 231
Ion Ratio Lower Upper
138 100
108 83.6 7.4 11.2#
92 72.5 91.3 136.9#

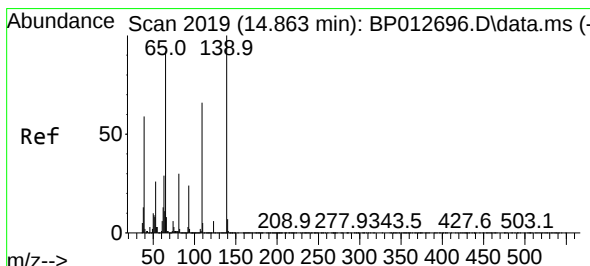
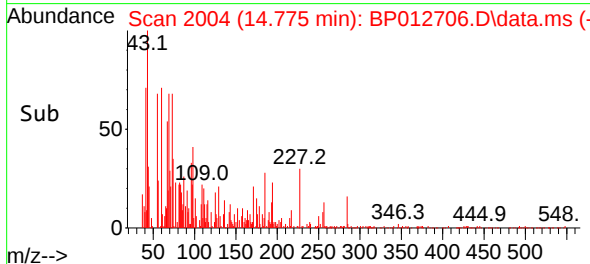
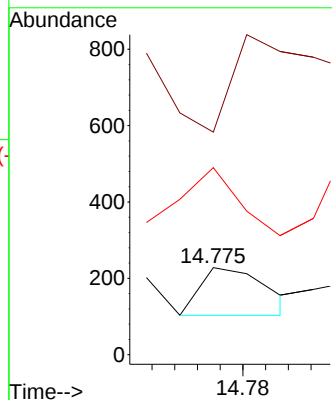
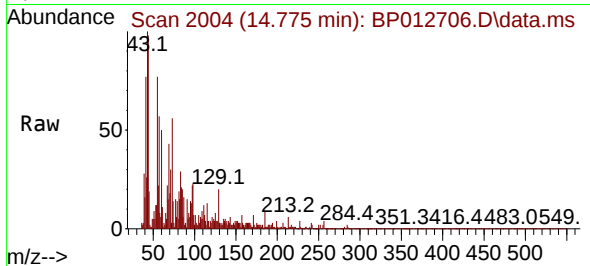




#54
2,4-Dinitrophenol
Concen: 3.051 ng
RT: 14.775 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

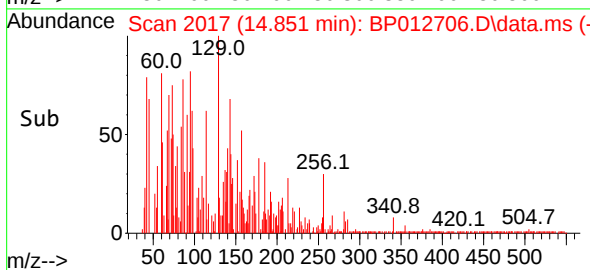
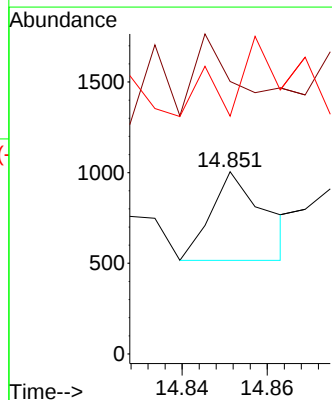
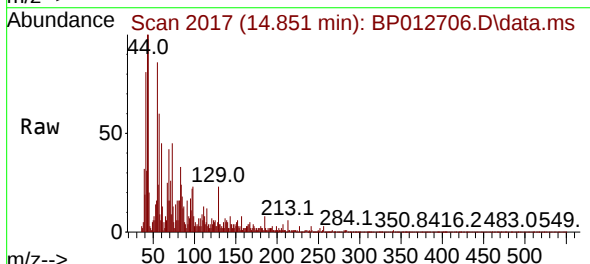
Instrument :
BNA_P
ClientSampleId :
9DMC986SP

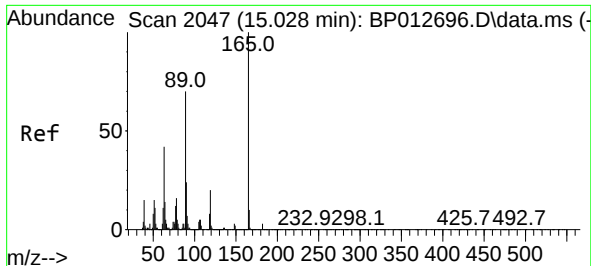
Tgt Ion:184 Resp: 101
Ion Ratio Lower Upper
184 100
63 255.7 50.0 75.0#
154 214.9 45.5 68.3#



#56
4-Nitrophenol
Concen: 5.737 ng
RT: 14.851 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

Tgt Ion:139 Resp: 434
Ion Ratio Lower Upper
139 100
109 149.6 46.1 86.1#
65 130.4 72.5 112.5#

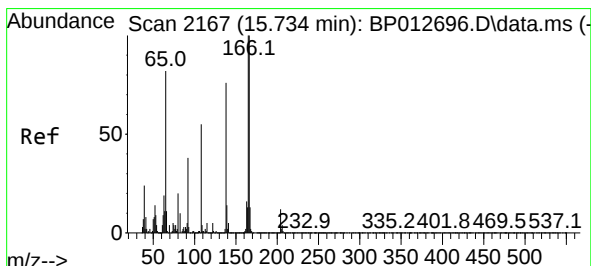
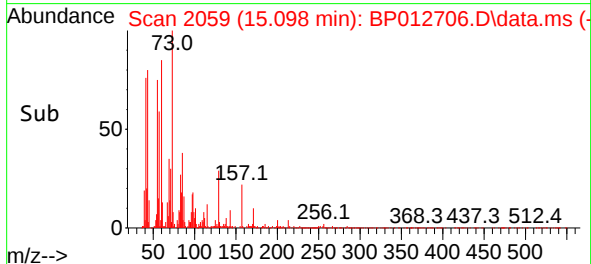
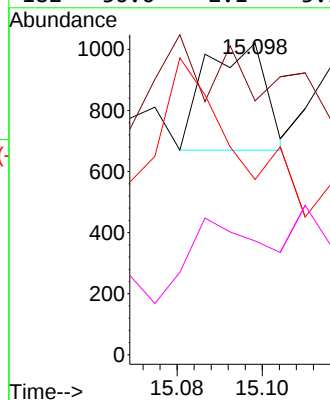
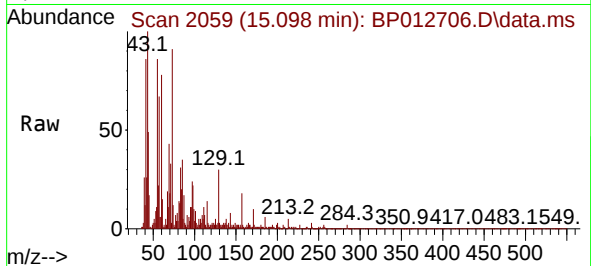




#57
2,4-Dinitrotoluene
Concen: 3.573 ng
RT: 15.098 min Scan# 2047
Delta R.T. 0.070 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

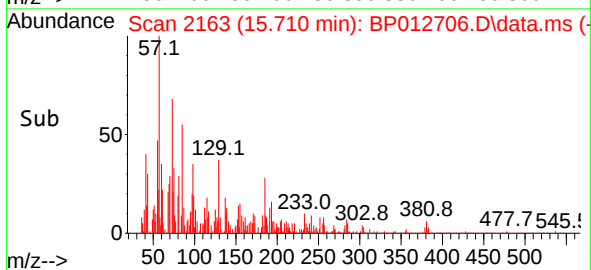
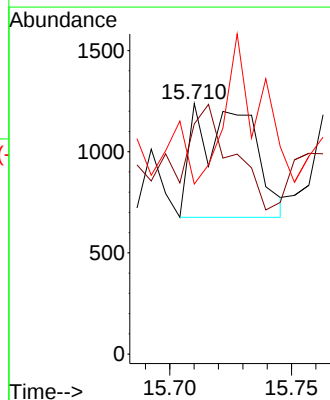
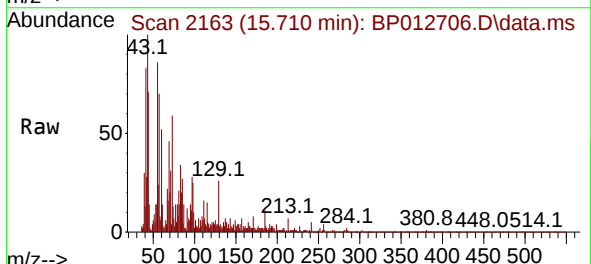
Instrument :
BNA_P
ClientSampleId :
9DMC986SP

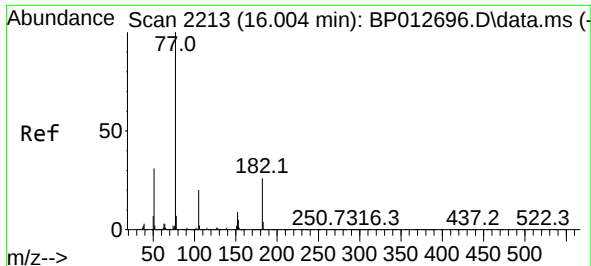
Tgt Ion:165 Resp: 343
Ion Ratio Lower Upper
165 100
63 81.5 33.7 50.5#
89 56.3 56.3 84.5#
182 36.6 2.1 3.1#



#62
4-Nitroaniline
Concen: 4.674 ng
RT: 15.710 min Scan# 2163
Delta R.T. -0.024 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

Tgt Ion:138 Resp: 916
Ion Ratio Lower Upper
138 100
92 91.9 29.6 69.6#
108 67.9 51.4 91.4

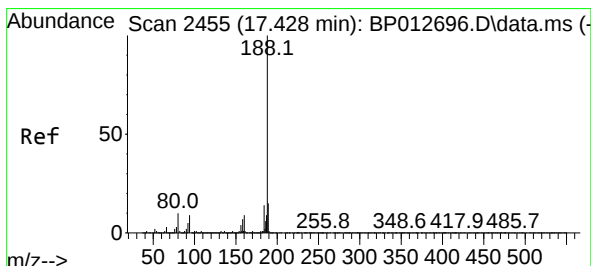
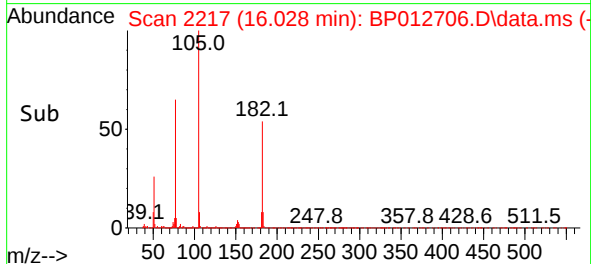
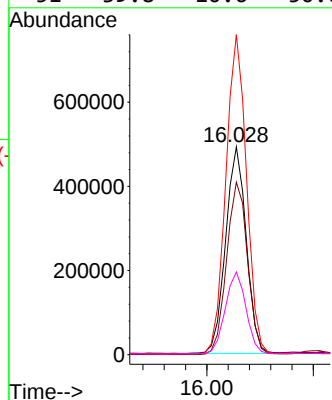
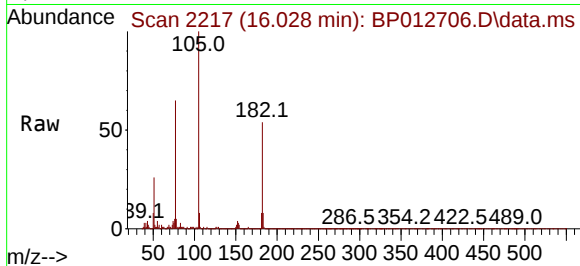




#63
Azobenzene
Concen: 12.918 ng
RT: 16.028 min Scan# 21
Delta R.T. 0.024 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

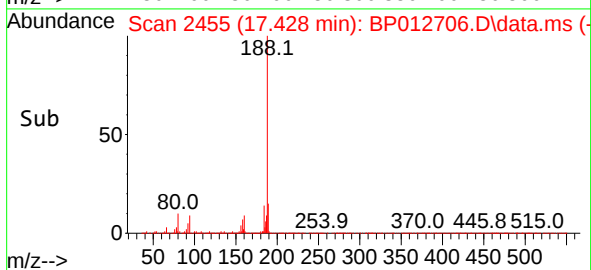
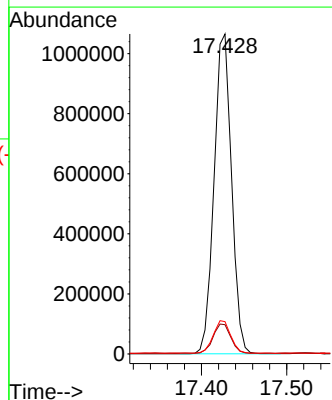
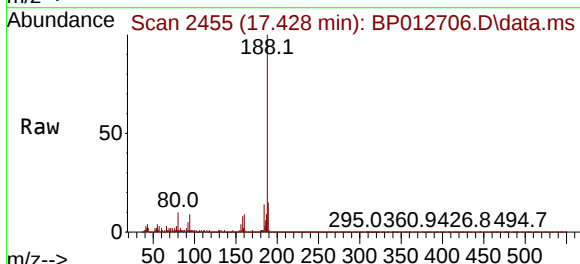
Instrument :
BNA_P
ClientSampleId :
9DMC986SP

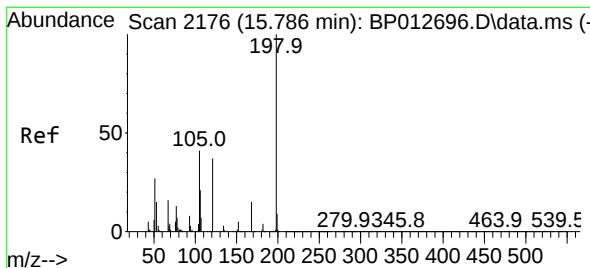
Tgt Ion: 77 Resp: 659723
Ion Ratio Lower Upper
77 100
182 83.0 6.1 46.1#
105 153.9 0.4 40.4#
51 39.8 10.6 50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.428 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

Tgt Ion:188 Resp: 1512958
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 10.1 7.8 11.6

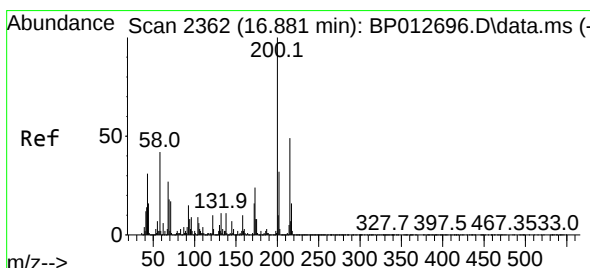
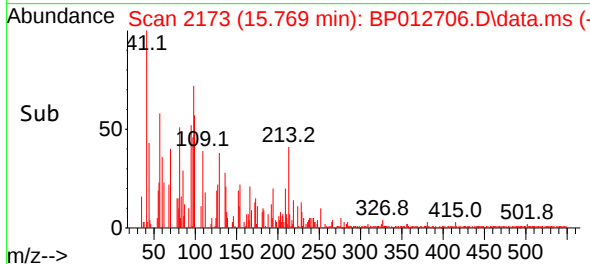
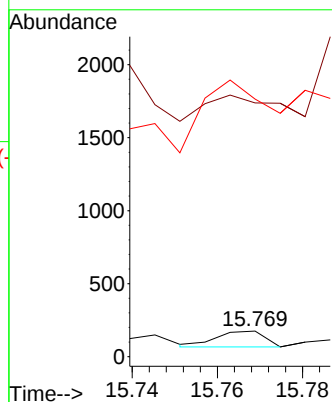
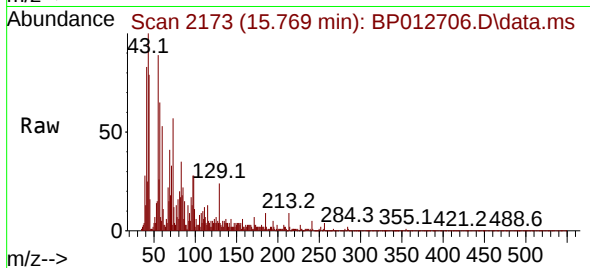




#65
4,6-Dinitro-2-methylphenol
Concen: 3.698 ng
RT: 15.769 min Scan# 2176
Delta R.T. -0.017 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

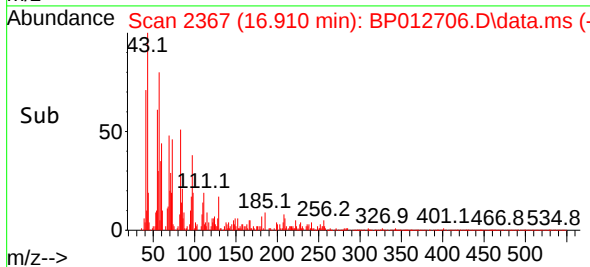
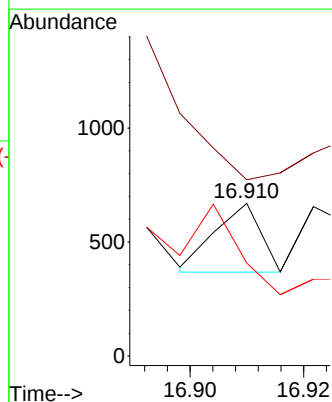
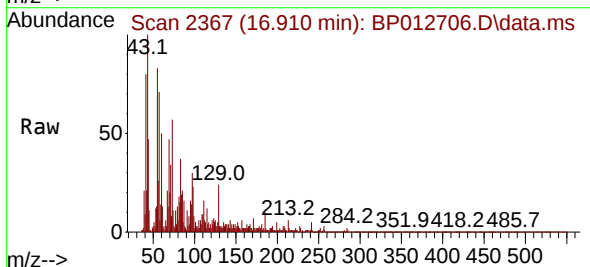
Instrument :
BNA_P
ClientSampleId :
9DMC986SP

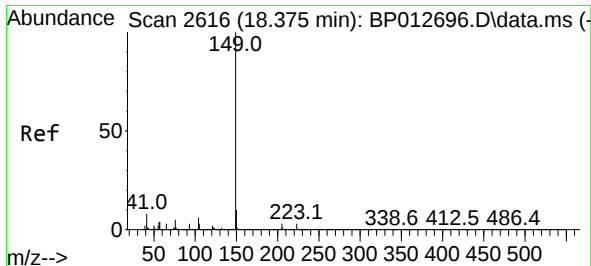
Tgt Ion:198 Resp: 84
Ion Ratio Lower Upper
198 100
51 993.1 25.7 65.7#
105 1008.6 22.8 62.8#



#69
Atrazine
Concen: 4.038 ng
RT: 16.910 min Scan# 2367
Delta R.T. 0.029 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

Tgt Ion:200 Resp: 168
Ion Ratio Lower Upper
200 100
173 115.4 4.3 44.3#
215 60.9 29.5 69.5

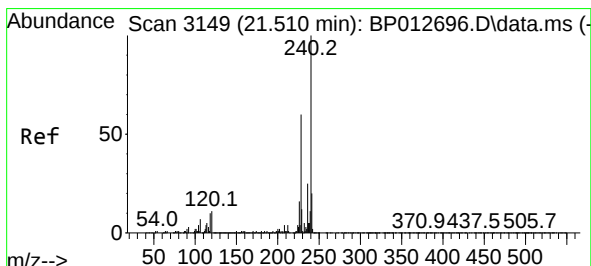
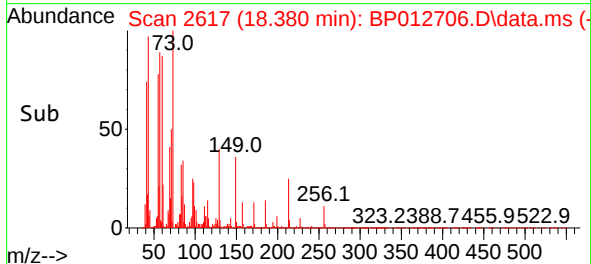
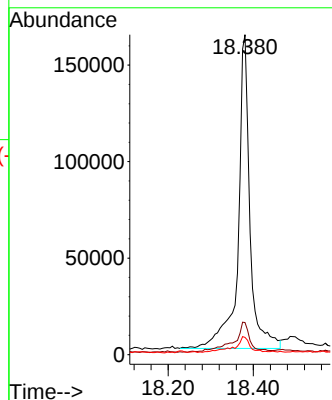
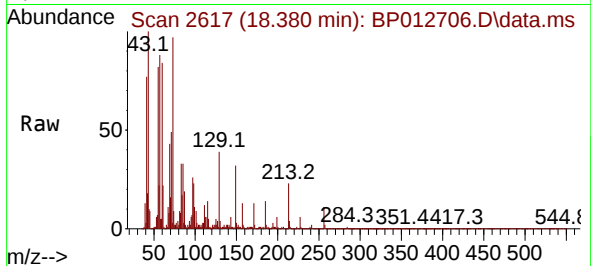




#74
Di-n-butylphthalate
Concen: 9.224 ng
RT: 18.380 min Scan# 21
Delta R.T. 0.005 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

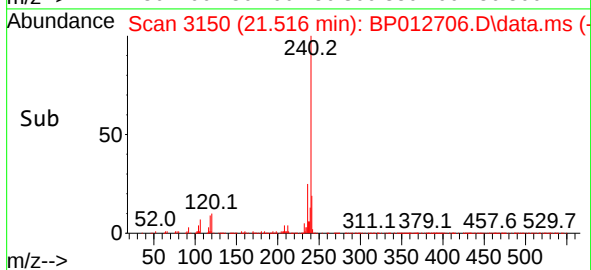
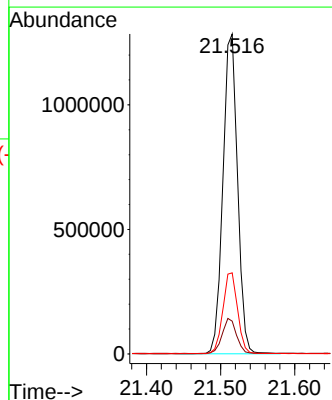
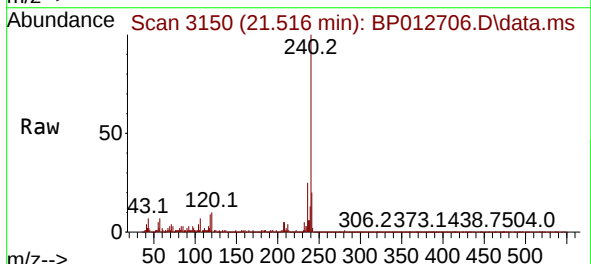
Instrument :
BNA_P
ClientSampleId :
9DMC986SP

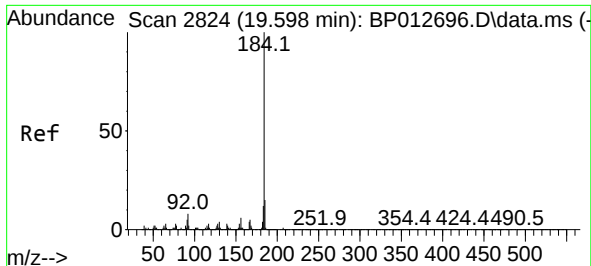
Tgt Ion:149 Resp: 313847
Ion Ratio Lower Upper
149 100
150 10.1 7.7 11.5
104 5.4 4.6 6.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3150
Delta R.T. 0.006 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

Tgt Ion:240 Resp: 1757652
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 25.4 20.4 30.6

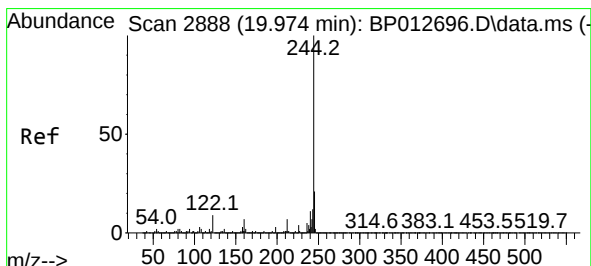
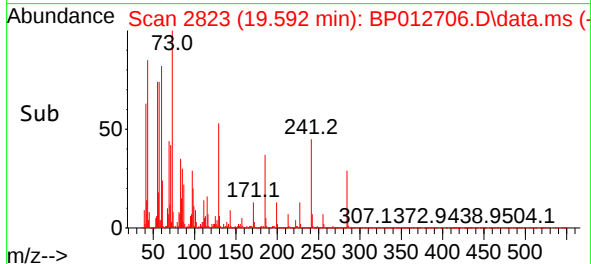
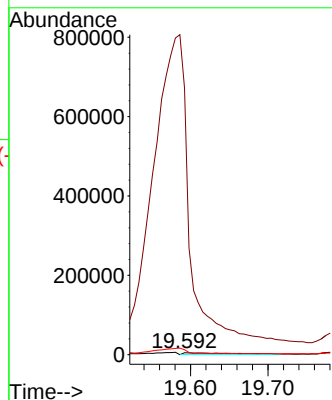
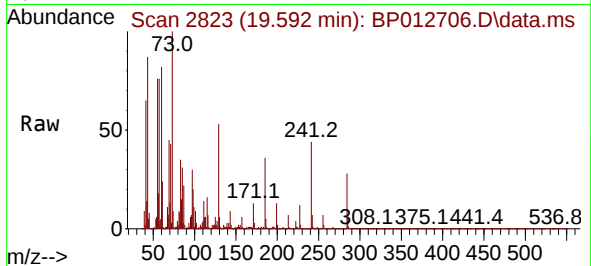




#77
Benzidine
Concen: 2.328 ng
RT: 19.592 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

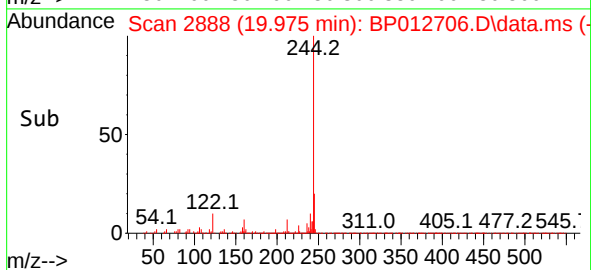
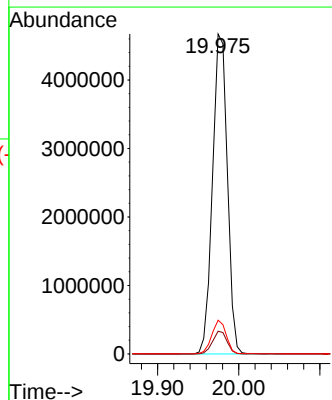
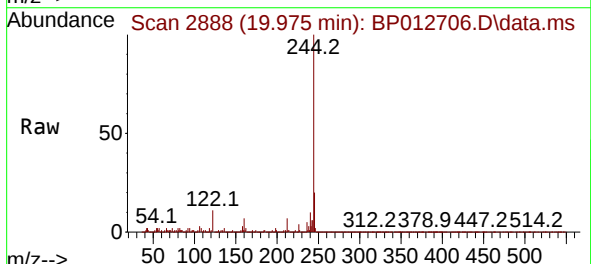
Instrument :
BNA_P
ClientSampleId :
9DMC986SP

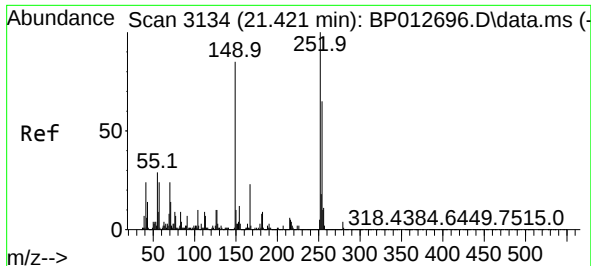
Tgt Ion:184 Resp: 24115
Ion Ratio Lower Upper
184 100
185 13440.1 11.7 17.5#
183 254.4 9.4 14.2#



#79
Terphenyl-d14
Concen: 71.561 ng
RT: 19.975 min Scan# 2888
Delta R.T. 0.000 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

Tgt Ion:244 Resp: 5917997
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.5 6.9 10.3#

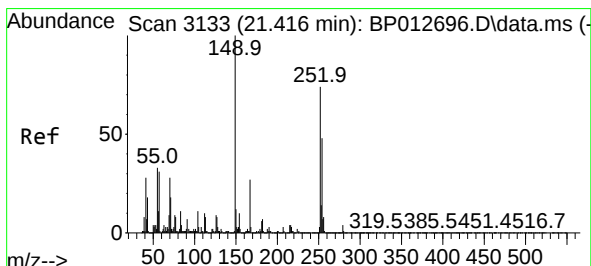
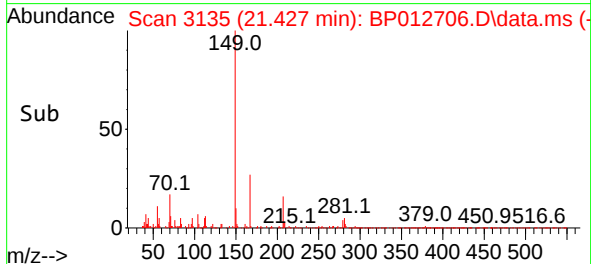
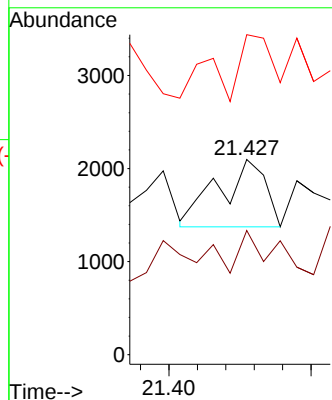
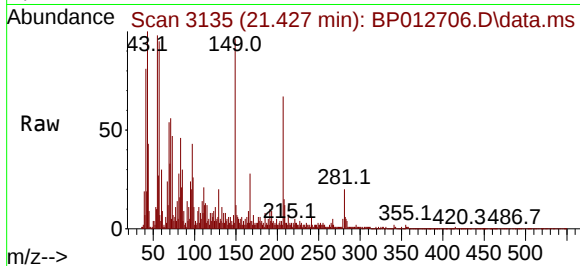




#82
3,3'-Dichlorobenzidine
Concen: 8.640 ng
RT: 21.427 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

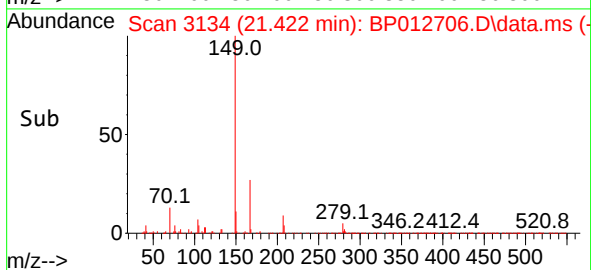
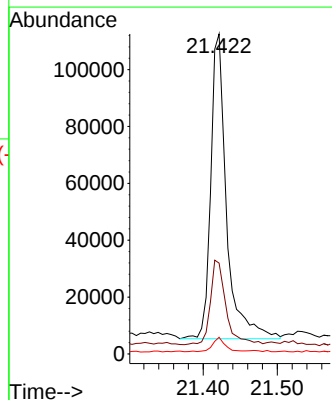
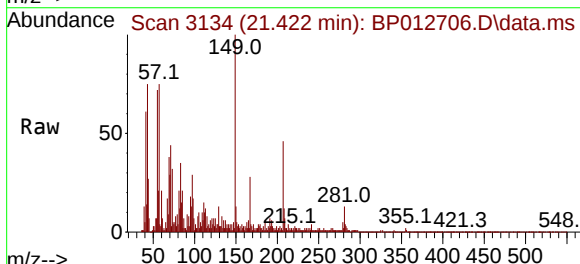
Instrument :
BNA_P
ClientSampleId :
9DMC986SP

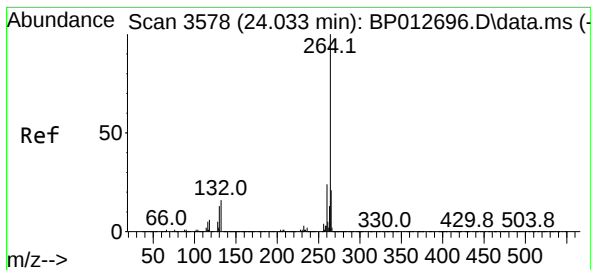
Tgt Ion:252 Resp: 829
Ion Ratio Lower Upper
252 100
254 63.6 51.7 77.5
126 163.9 7.7 11.5#



#84
Bis(2-ethylhexyl)phthalate
Concen: 10.860 ng
RT: 21.422 min Scan# 3134
Delta R.T. 0.006 min
Lab File: BP012706.D
Acq: 23 Nov 2022 12:40

Tgt Ion:149 Resp: 158326
Ion Ratio Lower Upper
149 100
167 28.4 21.5 32.3
279 5.2 3.2 4.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.039 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP012706.D

Acq: 23 Nov 2022 12:40

Instrument :

BNA_P

ClientSampleId :

9DMC986SP

Tgt Ion:264 Resp: 1952691

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 22.0 17.1 25.7

