

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091322\
 Data File : BP011687.D
 Acq On : 13 Sep 2022 15:38
 Operator : CG/JU
 Sample : PB147377BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147377BL

Quant Time: Sep 13 19:23:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 13 15:49:51 2022
 Response via : Initial Calibration

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

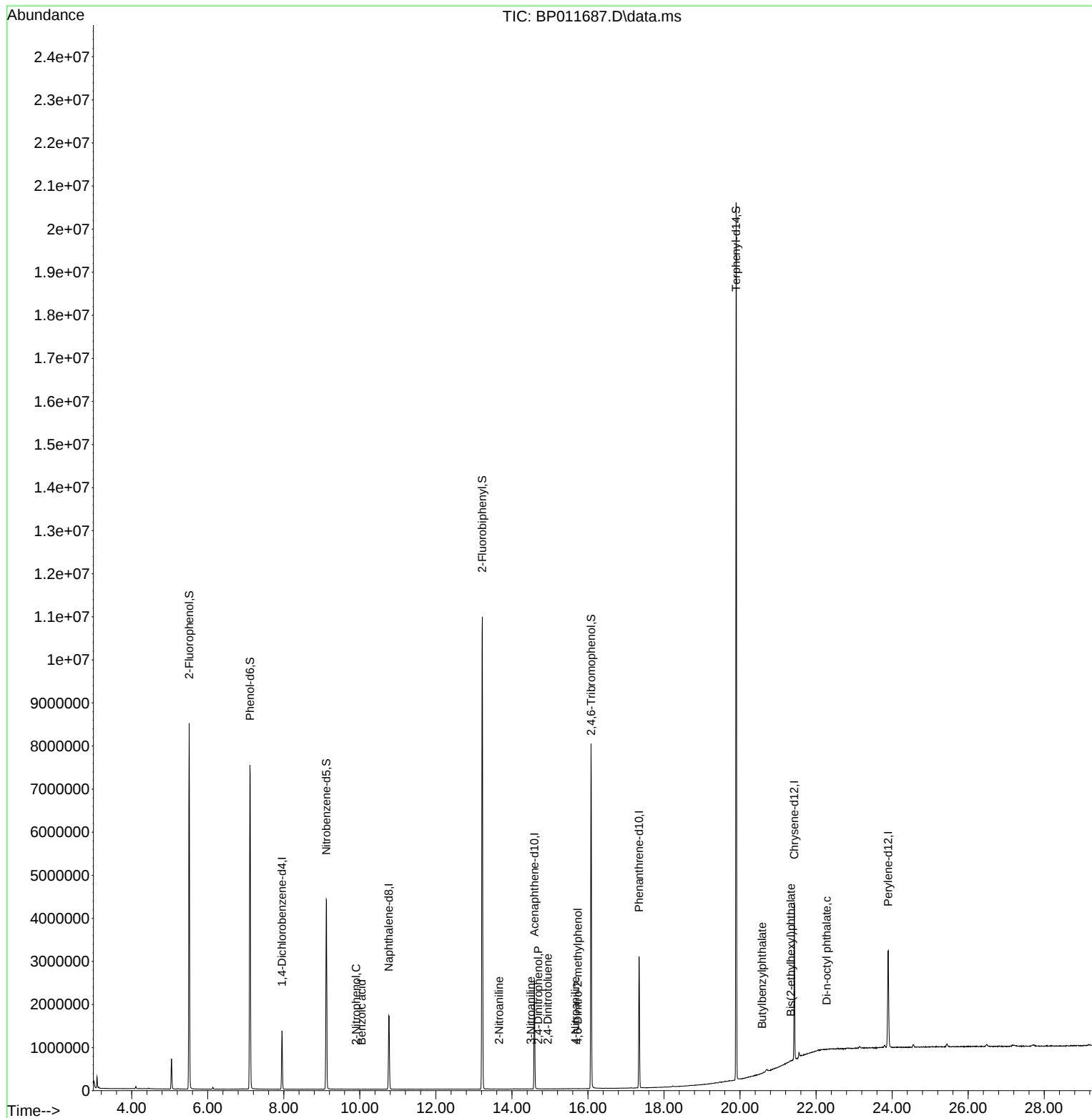
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	381151	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	1516994	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	849256	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	1745044	20.000	ng	# 0.00
76) Chrysene-d12	21.427	240	1627212	20.000	ng	# 0.00
86) Perylene-d12	23.898	264	1608090	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	3869344	182.929	ng	0.00
7) Phenol-d6	7.110	99	4759400	172.353	ng	0.00
23) Nitrobenzene-d5	9.116	82	2641928	106.948	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	1279884	174.118	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	5724359	104.404	ng	0.00
79) Terphenyl-d14	19.898	244	9145504	123.329	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.904	139	52	3.551	ng	# 1
32) Benzoic acid	10.046	122	63	6.757	ng	# 1
48) 2-Nitroaniline	13.663	65	125	3.259	ng	# 10
53) 3-Nitroaniline	14.498	138	42	2.638	ng	# 1
54) 2,4-Dinitrophenol	14.692	184	31	6.604	ng	# 1
57) 2,4-Dinitrotoluene	14.945	165	83	3.009	ng	# 71
62) 4-Nitroaniline	15.669	138	29	2.699	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.734	198	17	4.629	ng	# 1
80) Butylbenzylphthalate	20.580	149	1124	3.281	ng	# 50
84) Bis(2-ethylhexyl)phtha...	21.339	149	1768	2.696	ng	# 73
85) Di-n-octyl phthalate	22.280	149	1949	3.339	ng	# 79

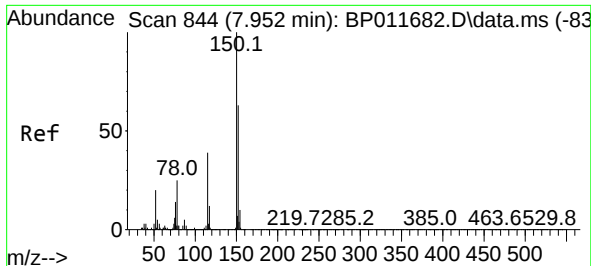
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091322\
Data File : BP011687.D
Acq On : 13 Sep 2022 15:38
Operator : CG/JU
Sample : PB147377BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB147377BL

Quant Time: Sep 13 19:23:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 13 15:49:51 2022
Response via : Initial Calibration

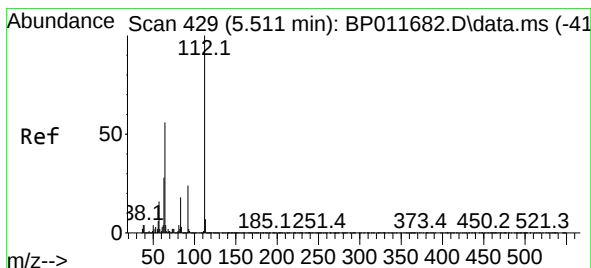
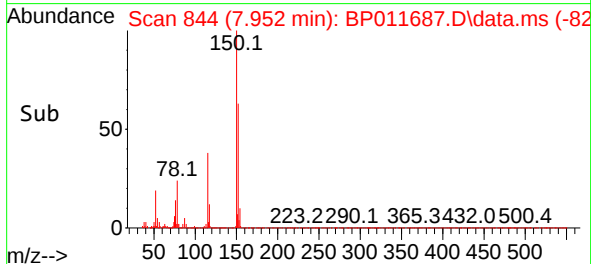
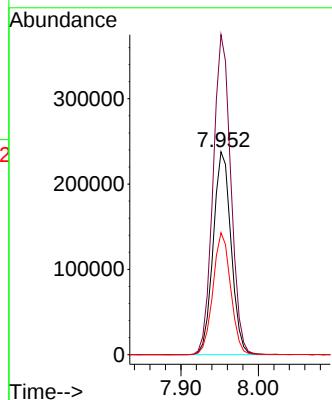
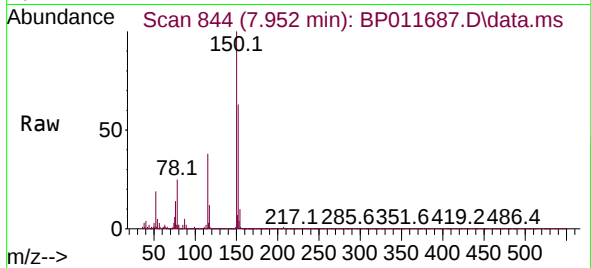




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 844
Delta R.T. -0.000 min
Lab File: BP011687.D
Acq: 13 Sep 2022 15:38

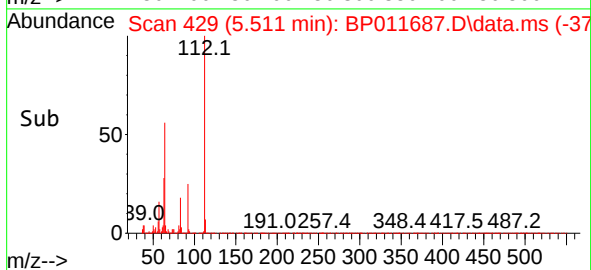
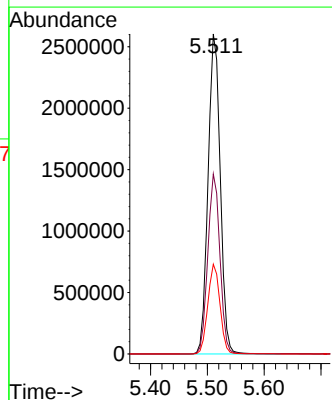
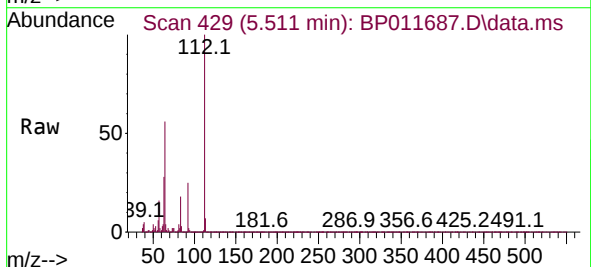
Instrument :
BNA_P
ClientSampleId :
PB147377BL

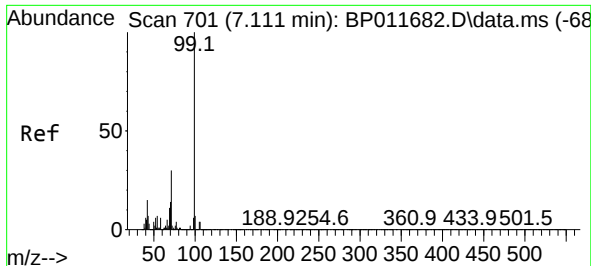
Tgt Ion:152 Resp: 381151
Ion Ratio Lower Upper
152 100
150 157.7 123.4 185.2
115 60.1 51.3 76.9



#5
2-Fluorophenol
Concen: 182.929 ng
RT: 5.511 min Scan# 429
Delta R.T. -0.000 min
Lab File: BP011687.D
Acq: 13 Sep 2022 15:38

Tgt Ion:112 Resp: 3869344
Ion Ratio Lower Upper
112 100
64 56.3 56.9 85.3#
63 28.1 31.2 46.8#

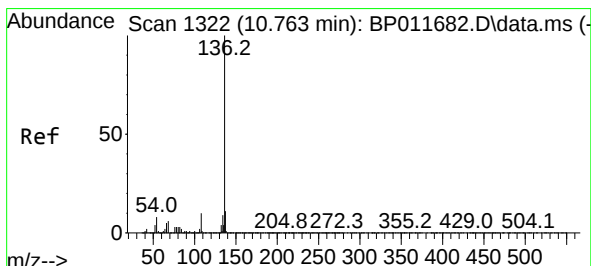
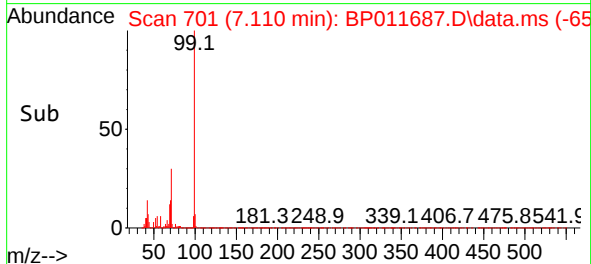
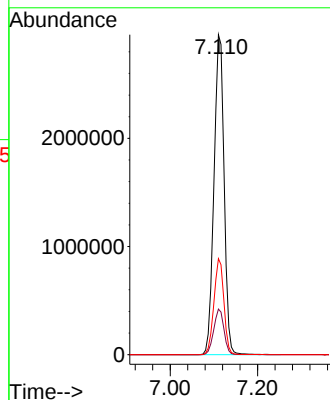
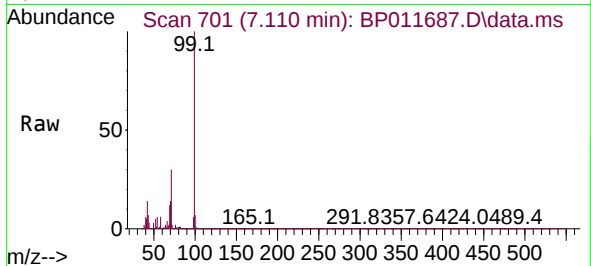




#7
Phenol-d6
Concen: 172.353 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.000 min
Lab File: BP011687.D
Acq: 13 Sep 2022 15:38

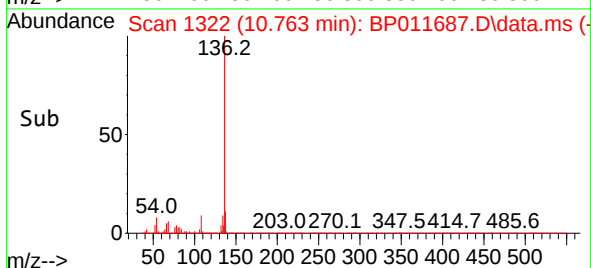
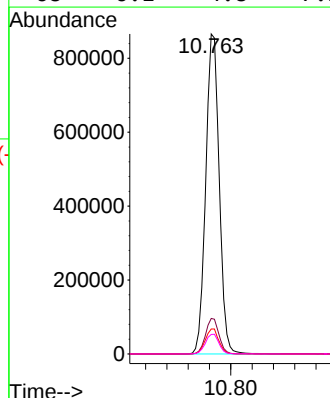
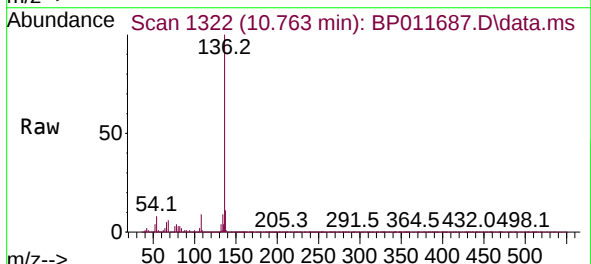
Instrument :
BNA_P
ClientSampleId :
PB147377BL

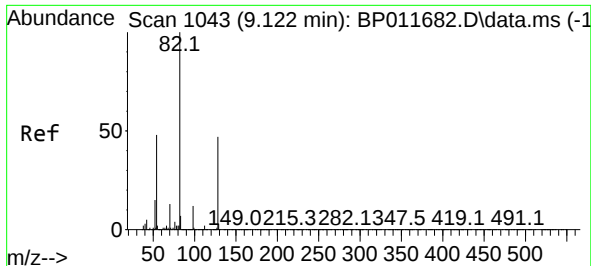
Tgt Ion: 99 Resp: 4759400
Ion Ratio Lower Upper
99 100
42 14.2 20.3 30.5#
71 30.0 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP011687.D
Acq: 13 Sep 2022 15:38

Tgt Ion: 136 Resp: 1516994
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 7.8 8.7 13.1#
68 6.1 4.8 7.2

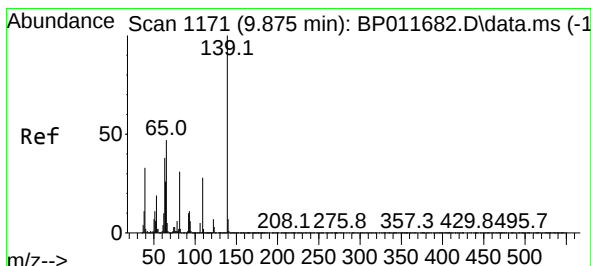
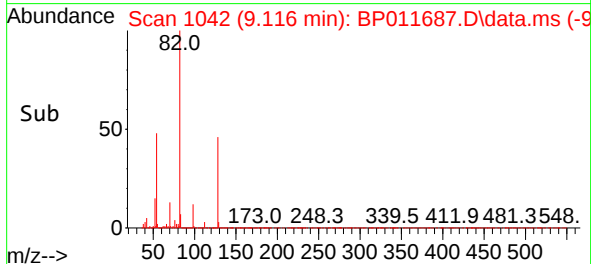
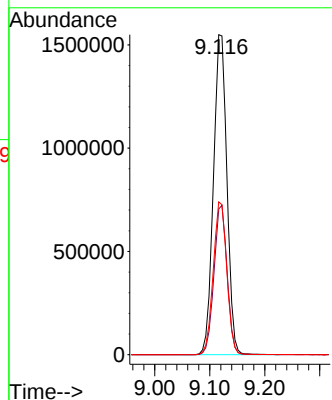
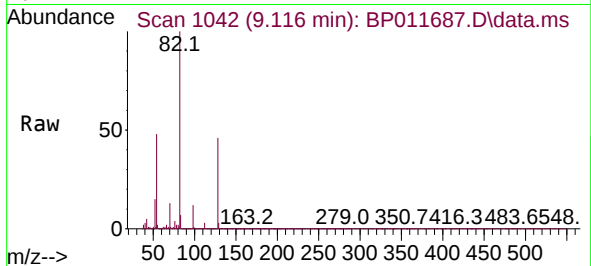




#23
Nitrobenzene-d5
Concen: 106.948 ng
RT: 9.116 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BP011687.D
Acq: 13 Sep 2022 15:38

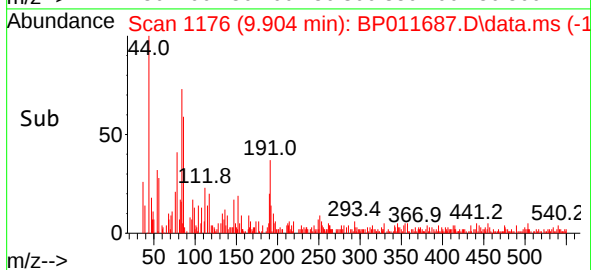
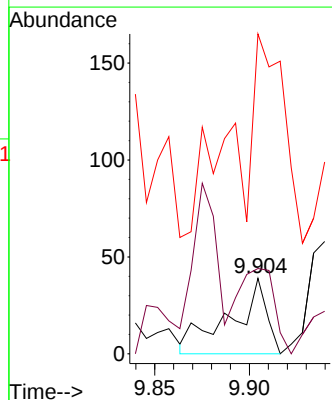
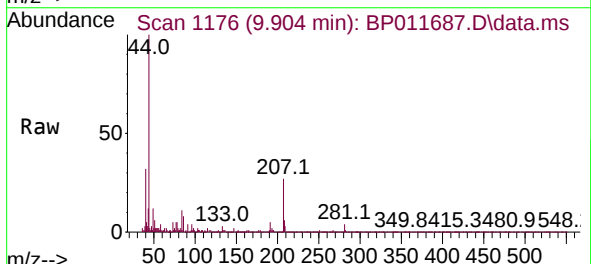
Instrument :
BNA_P
ClientSampleId :
PB147377BL

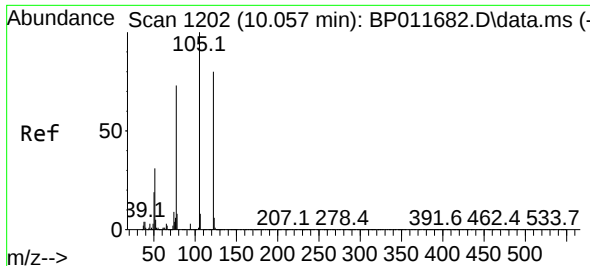
Tgt Ion: 82 Resp: 2641928
Ion Ratio Lower Upper
82 100
128 45.5 31.3 46.9
54 47.8 49.8 74.8#



#26
2-Nitrophenol
Concen: 3.551 ng
RT: 9.904 min Scan# 1176
Delta R.T. 0.029 min
Lab File: BP011687.D
Acq: 13 Sep 2022 15:38

Tgt Ion:139 Resp: 52
Ion Ratio Lower Upper
139 100
109 112.8 30.2 45.4#
65 423.1 52.2 78.2#

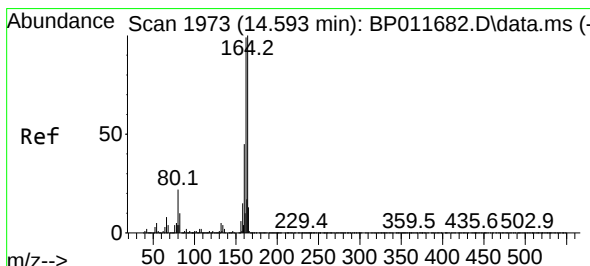
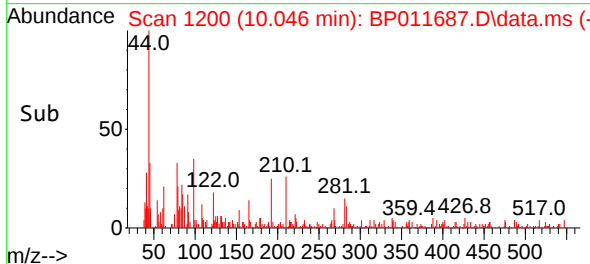
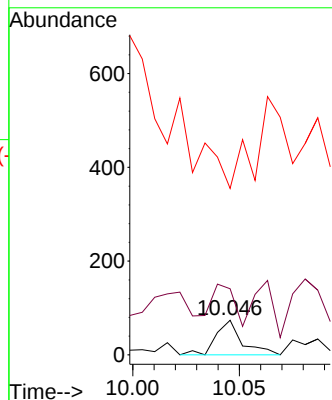
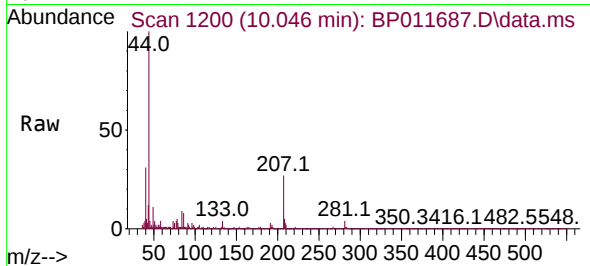




#32
Benzoic acid
Concen: 6.757 ng
RT: 10.046 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP011687.D
Acq: 13 Sep 2022 15:38

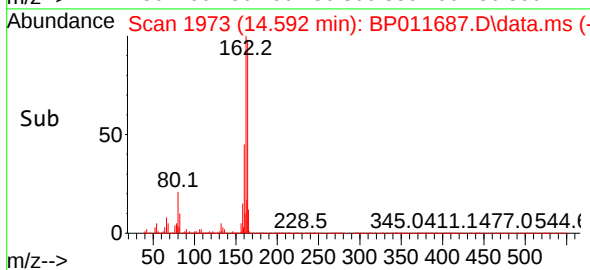
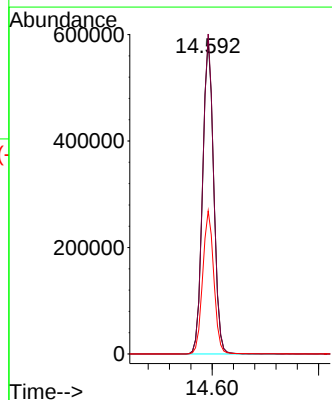
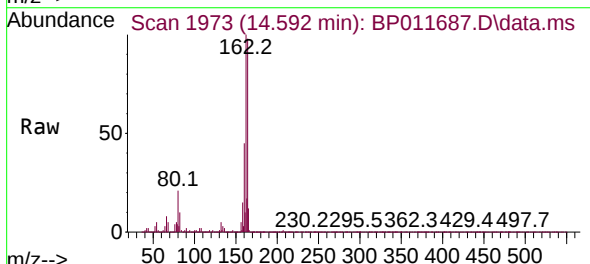
Instrument :
BNA_P
ClientSampleId :
PB147377BL

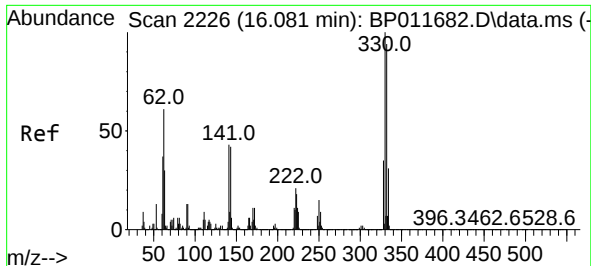
Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 190.5 112.6 152.6#
77 479.7 90.2 130.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BP011687.D
Acq: 13 Sep 2022 15:38

Tgt Ion:164 Resp: 849256
Ion Ratio Lower Upper
164 100
162 102.1 81.9 122.9
160 45.6 34.6 51.8

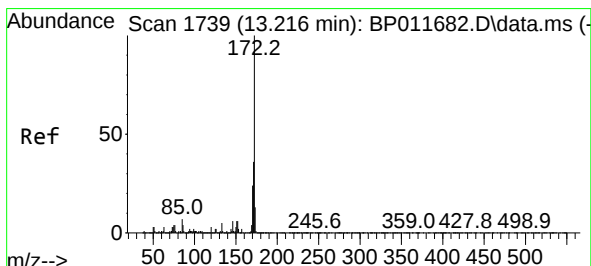
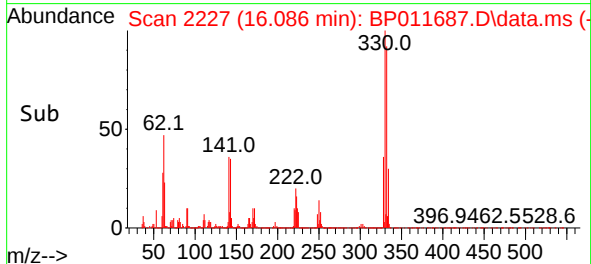
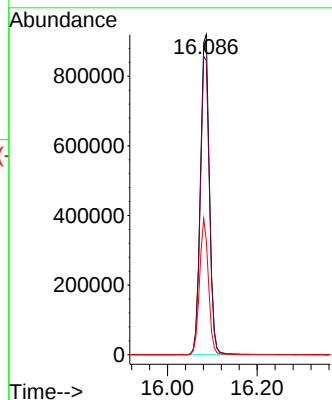
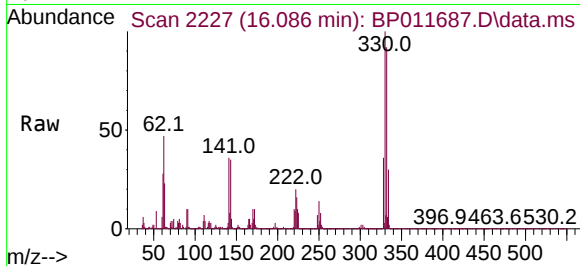




#42
2,4,6-Tribromophenol
Concen: 174.118 ng
RT: 16.086 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011687.D
Acq: 13 Sep 2022 15:38

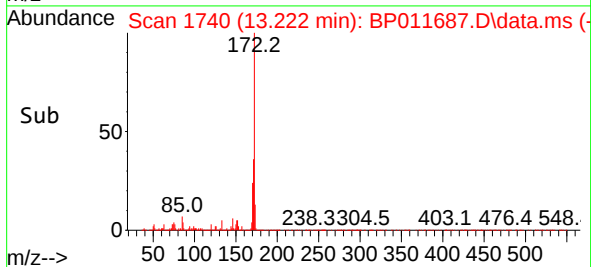
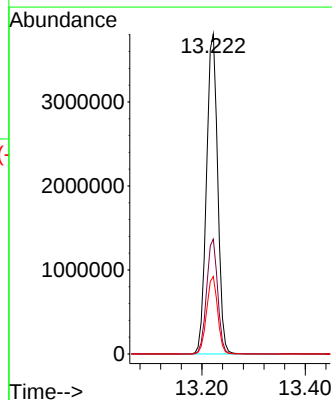
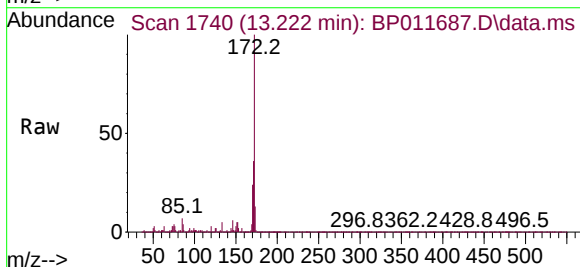
Instrument :
BNA_P
ClientSampleId :
PB147377BL

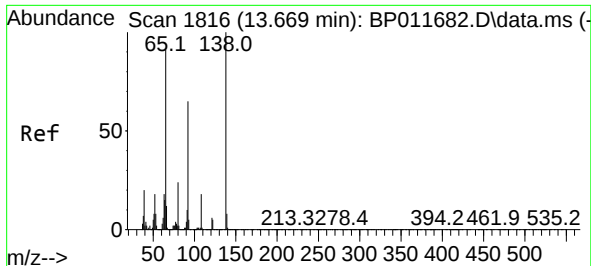
Tgt Ion:330 Resp: 1279884
Ion Ratio Lower Upper
330 100
332 94.3 78.1 117.1
141 42.0 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 104.404 ng
RT: 13.222 min Scan# 1740
Delta R.T. 0.006 min
Lab File: BP011687.D
Acq: 13 Sep 2022 15:38

Tgt Ion:172 Resp: 5724359
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 24.2 18.2 27.2

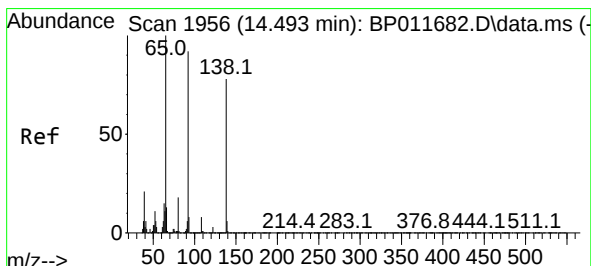
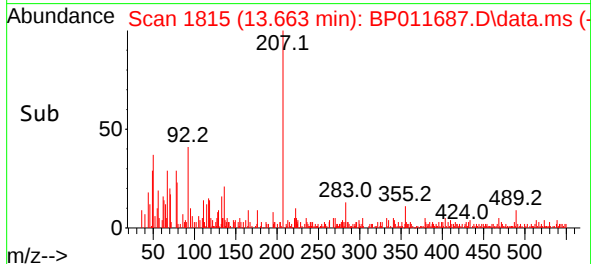
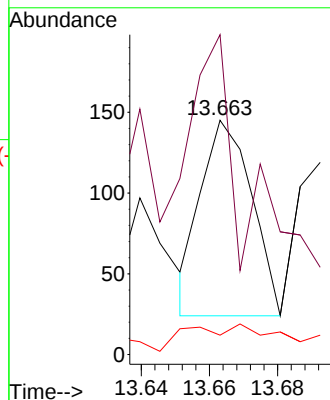
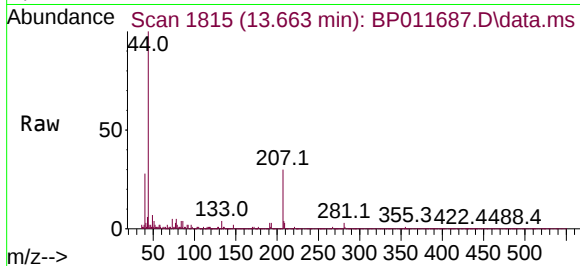




#48
2-Nitroaniline
Concen: 3.259 ng
RT: 13.663 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011687.D
Acq: 13 Sep 2022 15:38

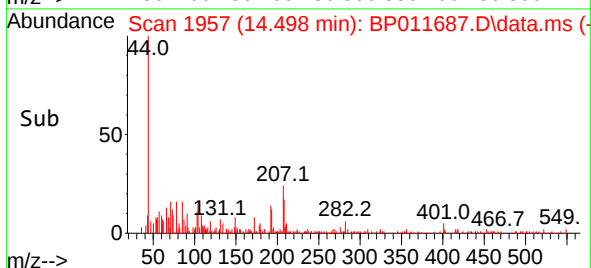
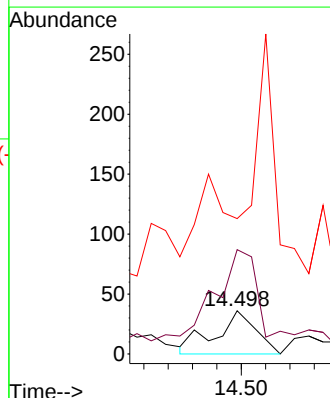
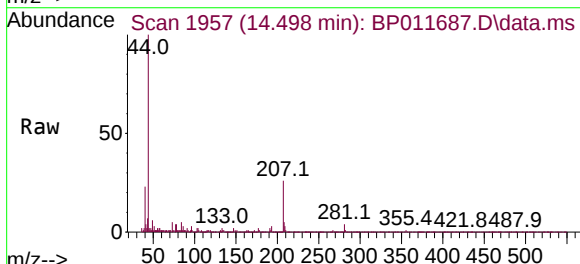
Instrument :
BNA_P
ClientSampleId :
PB147377BL

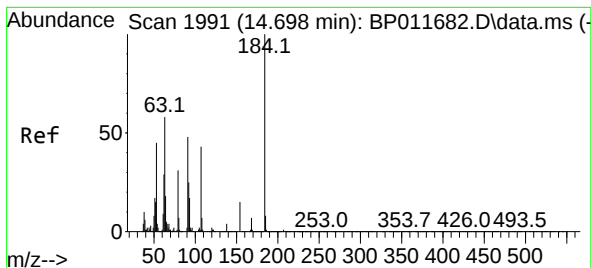
Tgt Ion: 65 Resp: 125
Ion Ratio Lower Upper
65 100
92 136.6 50.0 75.0#
138 8.3 71.2 106.8#



#53
3-Nitroaniline
Concen: 2.638 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.005 min
Lab File: BP011687.D
Acq: 13 Sep 2022 15:38

Tgt Ion: 138 Resp: 42
Ion Ratio Lower Upper
138 100
108 250.0 9.5 14.3#
92 372.2 99.9 149.9#





#54

2,4-Dinitrophenol

Concen: 6.604 ng

RT: 14.692 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BP011687.D

Acq: 13 Sep 2022 15:38

Instrument :

BNA_P

ClientSampleId :

PB147377BL

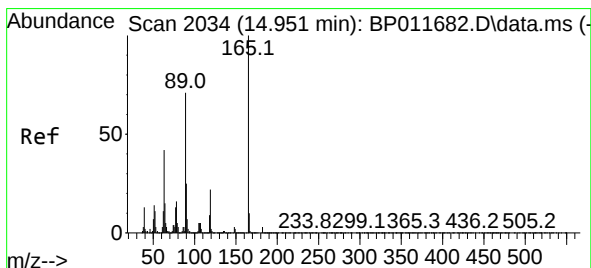
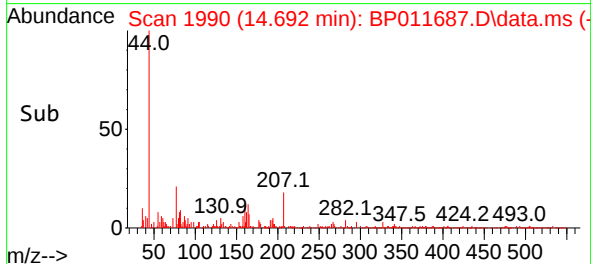
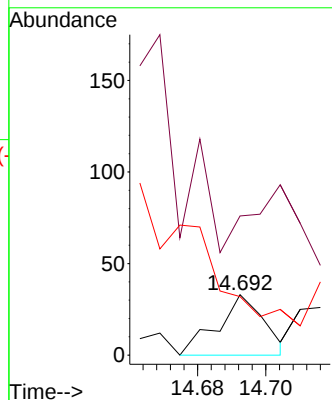
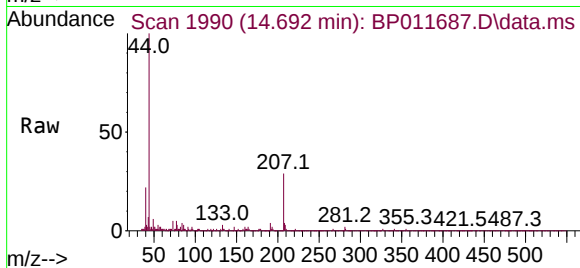
Tgt Ion:184 Resp: 31

Ion Ratio Lower Upper

184 100

63 230.3 65.4 98.2#

154 97.0 55.4 83.2#



#57

2,4-Dinitrotoluene

Concen: 3.009 ng

RT: 14.945 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BP011687.D

Acq: 13 Sep 2022 15:38

Tgt Ion:165 Resp: 83

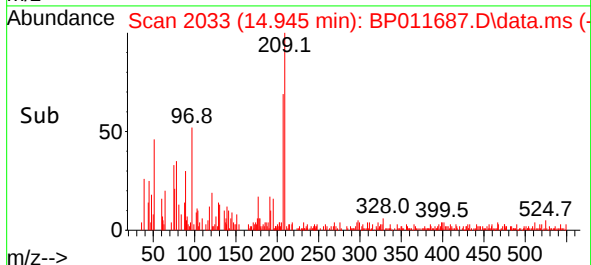
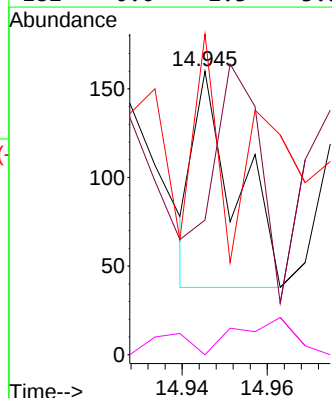
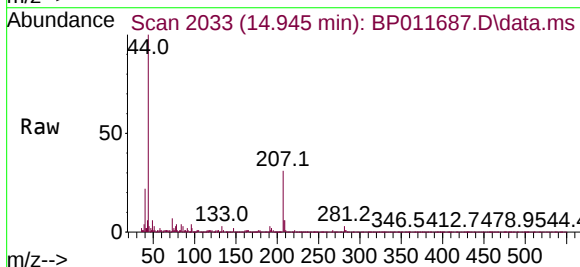
Ion Ratio Lower Upper

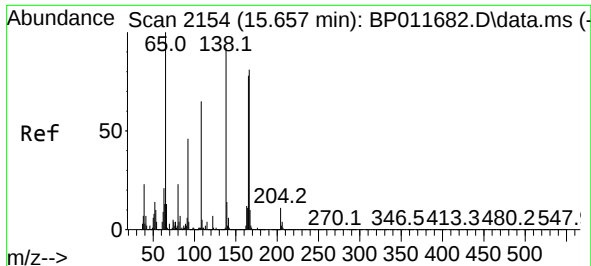
165 100

63 47.5 46.2 69.2

89 118.8 65.8 98.8#

182 0.0 2.3 3.5#

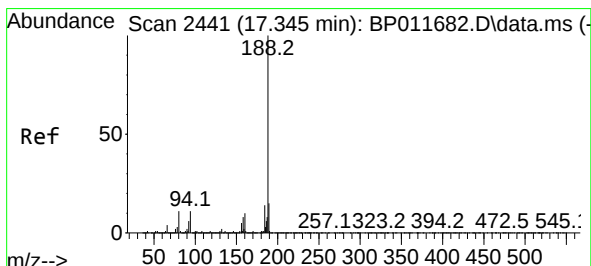
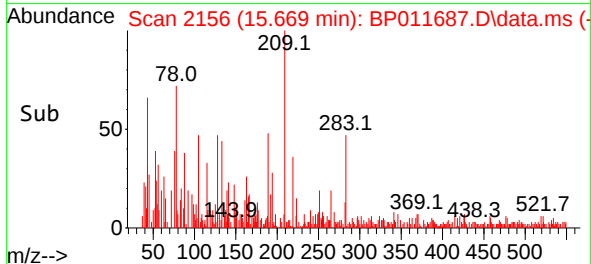
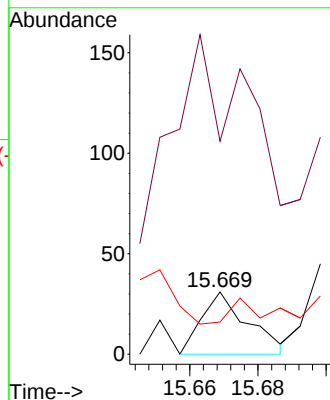
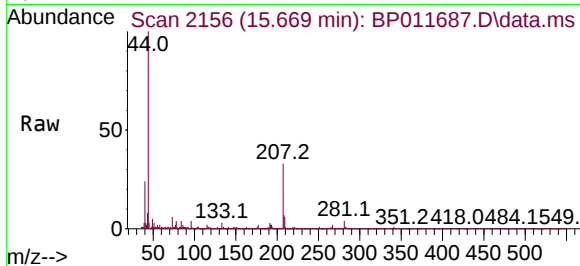




#62
4-Nitroaniline
Concen: 2.699 ng
RT: 15.669 min Scan# 2154
Delta R.T. 0.012 min
Lab File: BP011687.D
Acq: 13 Sep 2022 15:38

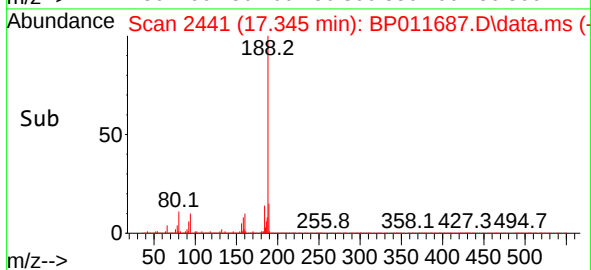
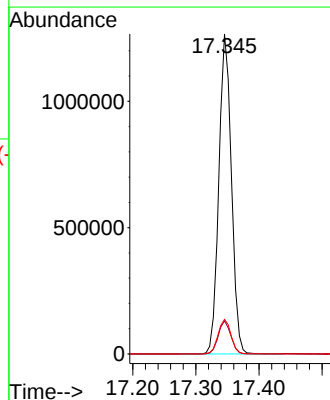
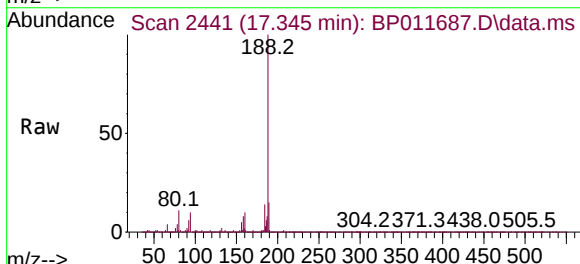
Instrument :
BNA_P
ClientSampleId :
PB147377BL

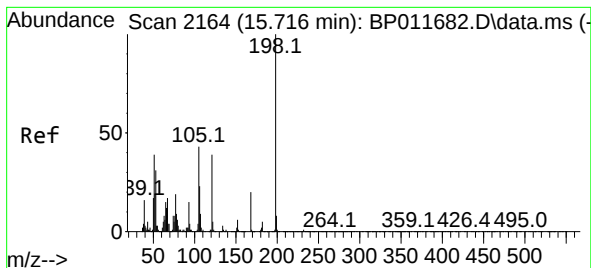
Tgt Ion:138 Resp: 29
Ion Ratio Lower Upper
138 100
92 341.9 38.0 78.0#
108 51.6 77.6 117.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BP011687.D
Acq: 13 Sep 2022 15:38

Tgt Ion:188 Resp: 1745044
Ion Ratio Lower Upper
188 100
94 10.3 6.6 10.0#
80 10.8 8.0 12.0

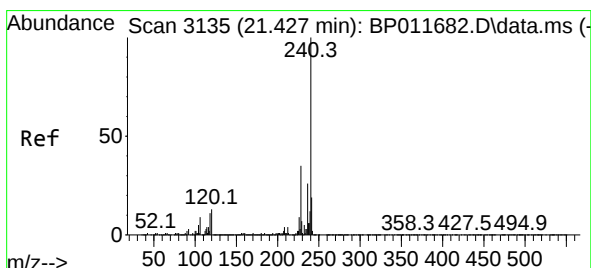
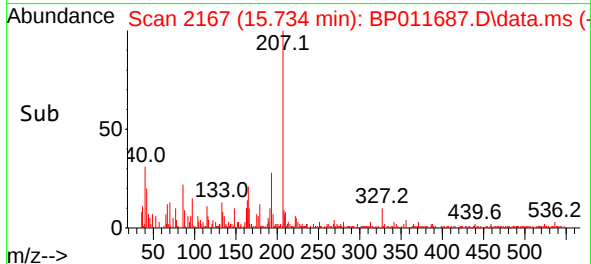
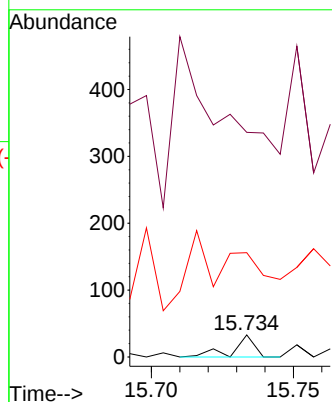
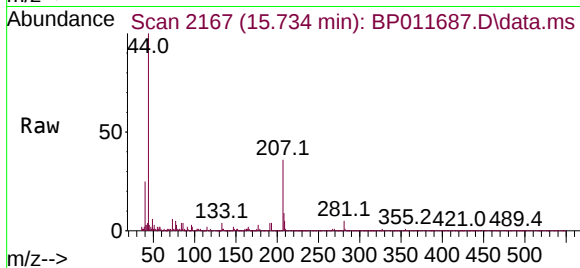




#65
4,6-Dinitro-2-methylphenol
Concen: 4.629 ng
RT: 15.734 min Scan# 2167
Delta R.T. 0.018 min
Lab File: BP011687.D
Acq: 13 Sep 2022 15:38

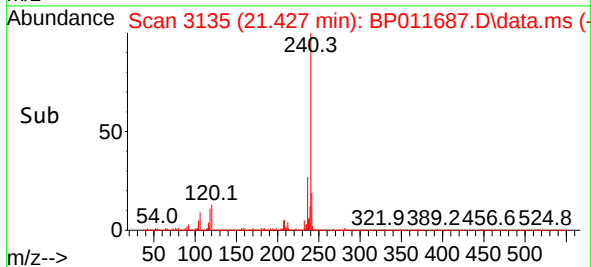
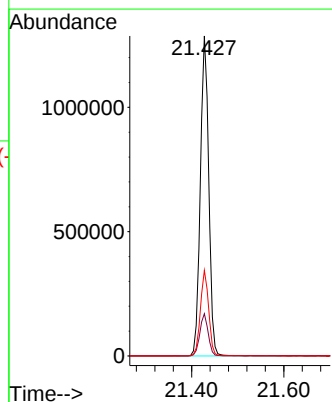
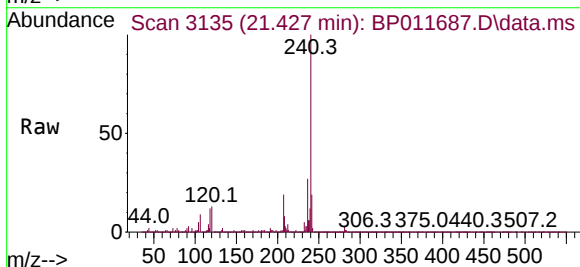
Instrument :
BNA_P
ClientSampleId :
PB147377BL

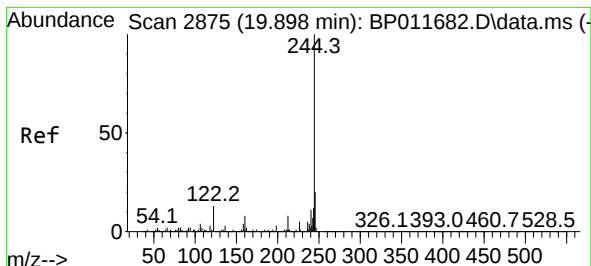
Tgt Ion:198 Resp: 17
Ion Ratio Lower Upper
198 100
51 988.2 41.2 81.2#
105 458.8 25.3 65.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BP011687.D
Acq: 13 Sep 2022 15:38

Tgt Ion:240 Resp: 1627212
Ion Ratio Lower Upper
240 100
120 13.2 8.6 12.8#
236 26.8 19.8 29.6





#79

Terphenyl-d14

Concen: 123.329 ng

RT: 19.898 min Scan# 2875

Delta R.T. -0.000 min

Lab File: BP011687.D

Acq: 13 Sep 2022 15:38

Instrument :

BNA_P

ClientSampleId :

PB147377BL

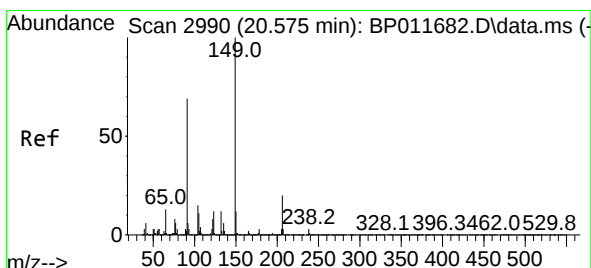
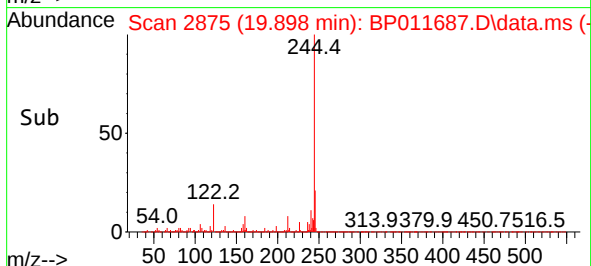
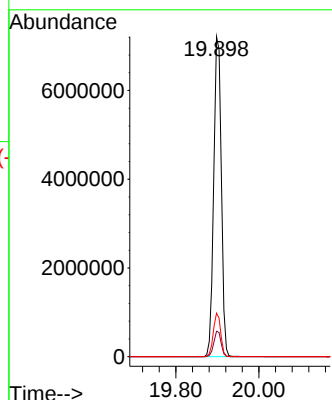
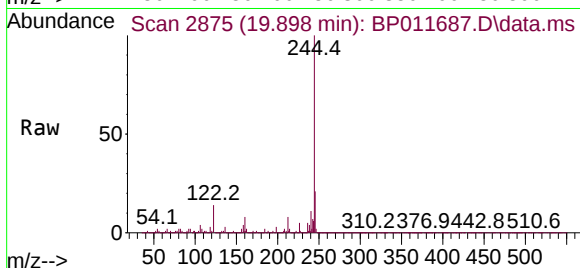
Tgt Ion:244 Resp: 9145504

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

122 13.6 7.6 11.4#



#80

Butylbenzylphthalate

Concen: 3.281 ng

RT: 20.580 min Scan# 2991

Delta R.T. 0.005 min

Lab File: BP011687.D

Acq: 13 Sep 2022 15:38

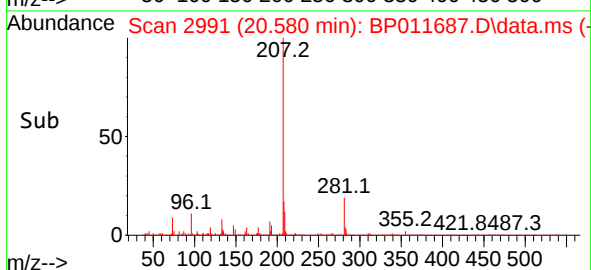
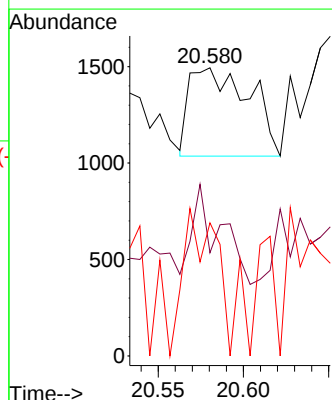
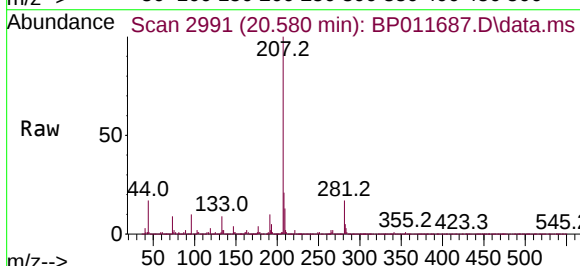
Tgt Ion:149 Resp: 1124

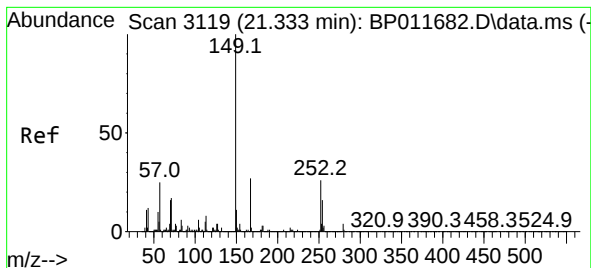
Ion Ratio Lower Upper

149 100

91 35.8 62.5 93.7#

206 46.2 17.0 25.4#





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.696 ng

RT: 21.339 min Scan# 3119

Delta R.T. 0.006 min

Lab File: BP011687.D

Acq: 13 Sep 2022 15:38

Instrument :

BNA_P

ClientSampleId :

PB147377BL

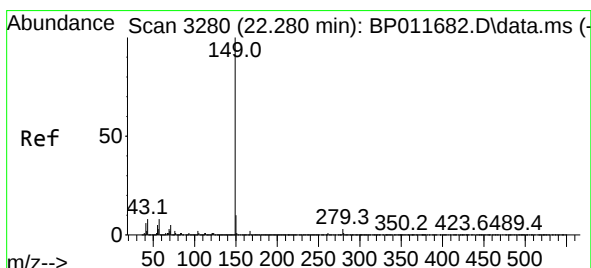
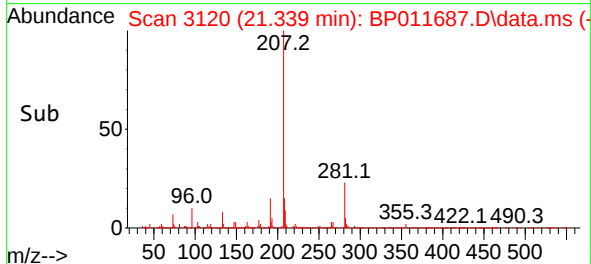
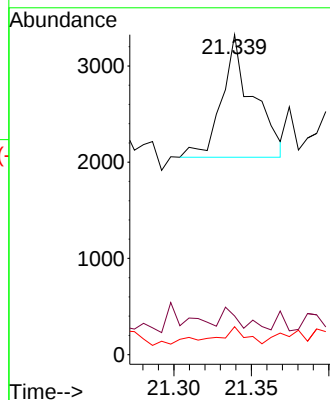
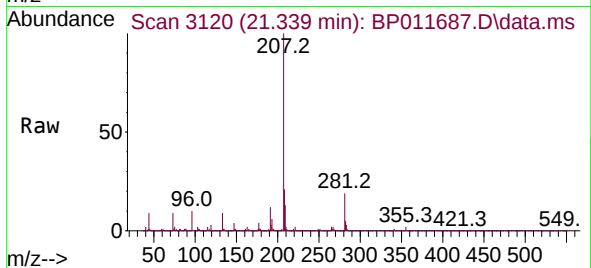
Tgt Ion:149 Resp: 1768

Ion Ratio Lower Upper

149 100

167 12.1 21.8 32.8#

279 8.7 3.7 5.5#



#85

Di-n-octyl phthalate

Concen: 3.339 ng

RT: 22.280 min Scan# 3280

Delta R.T. 0.000 min

Lab File: BP011687.D

Acq: 13 Sep 2022 15:38

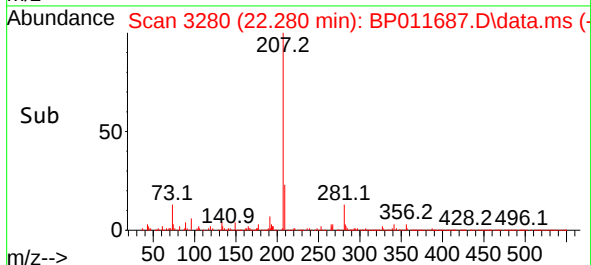
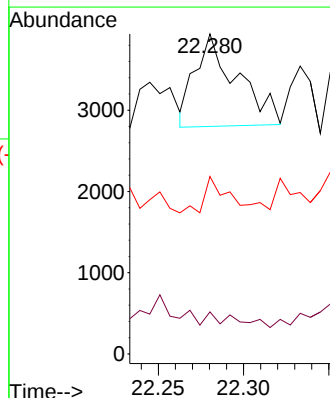
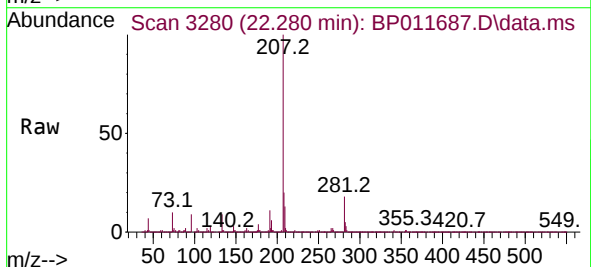
Tgt Ion:149 Resp: 1949

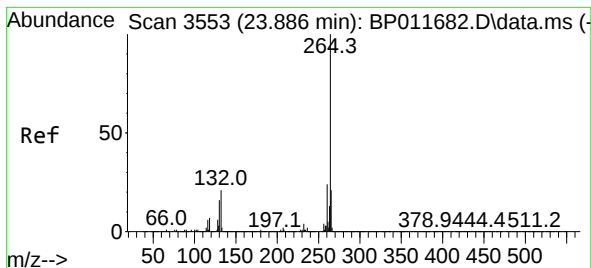
Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 21.8 10.0 15.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.898 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP011687.D

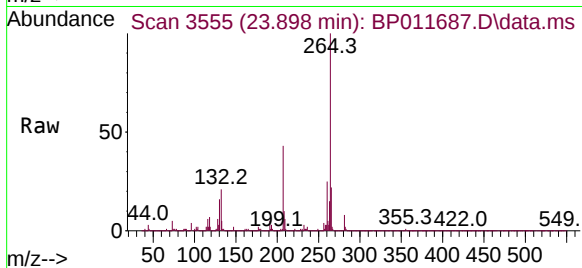
Acq: 13 Sep 2022 15:38

Instrument :

BNA_P

ClientSampleId :

PB147377BL



Tgt Ion:264 Resp: 1608090

Ion Ratio Lower Upper

264 100

260 24.6 19.3 28.9

265 21.6 18.0 27.0

