

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091322\
 Data File : BP011688.D
 Acq On : 13 Sep 2022 16:34
 Operator : CG/JU
 Sample : N4557-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-303-20220908

Quant Time: Sep 14 02:49:02 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)

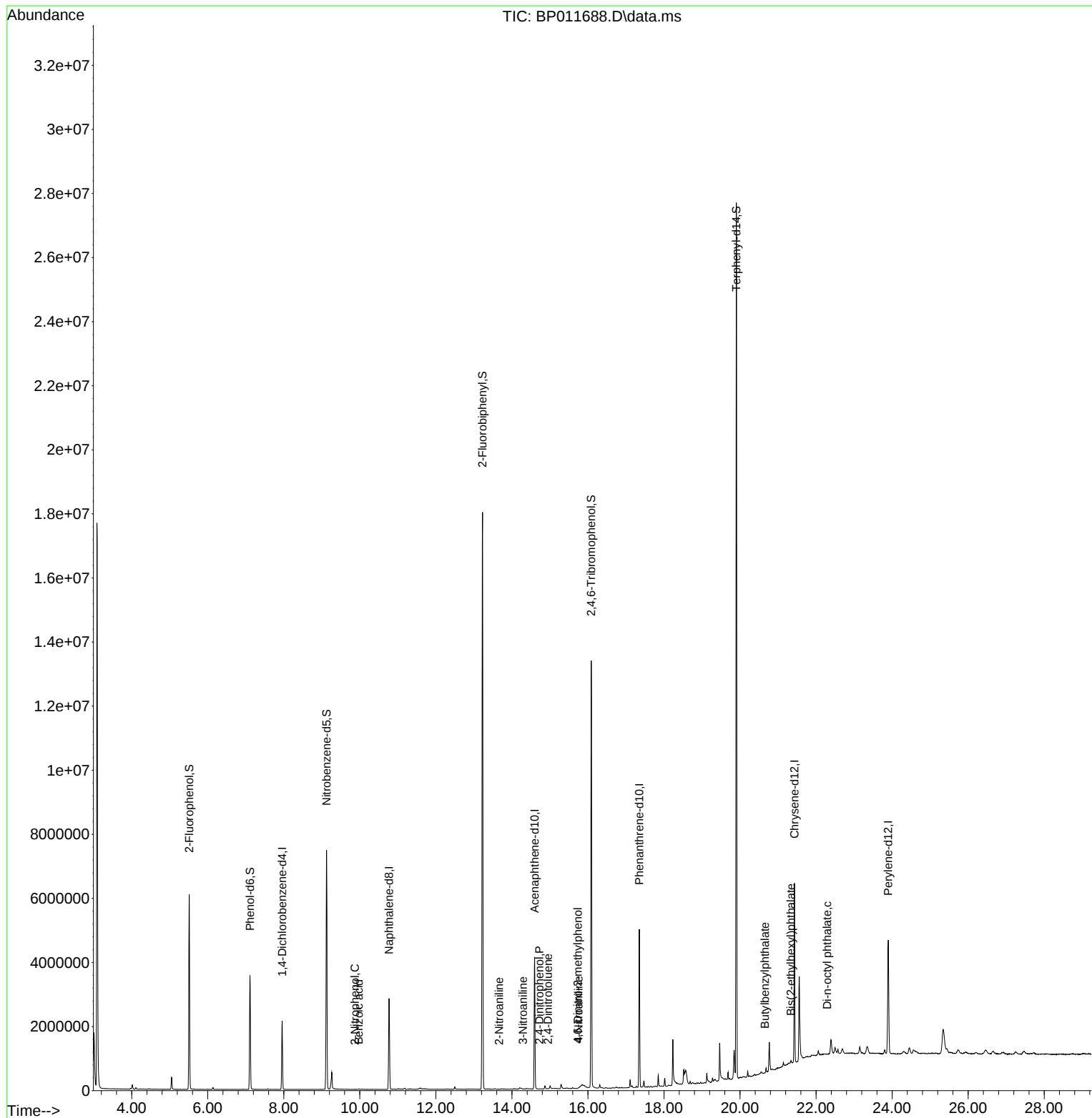
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	594224	20.000	ng	0.00
21) Naphthalene-d8	10.769	136	2414570	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	1415905	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	2874979	20.000	ng	# 0.00
76) Chrysene-d12	21.433	240	2619809	20.000	ng	0.00
86) Perylene-d12	23.898	264	2571853	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2819069	85.487	ng	0.00
7) Phenol-d6	7.110	99	2175379	50.530	ng	0.00
23) Nitrobenzene-d5	9.122	82	4471995	113.736	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	2274199	185.569	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	9367378	102.473	ng	0.01
79) Terphenyl-d14	19.904	244	12219180	102.347	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.869	139	42	3.549	ng	# 1
32) Benzoic acid	9.975	122	4820	6.918	ng	96
48) 2-Nitroaniline	13.663	65	86	3.254	ng	# 43
53) 3-Nitroaniline	14.292	138	74	2.638	ng	87
54) 2,4-Dinitrophenol	14.722	184	18	6.601	ng	# 1
57) 2,4-Dinitrotoluene	14.951	165	119	3.009	ng	# 66
62) 4-Nitroaniline	15.751	138	154	2.702	ng	94
65) 4,6-Dinitro-2-methylph...	15.733	198	20	4.628	ng	# 1
80) Butylbenzylphthalate	20.657	149	487	3.265	ng	89
84) Bis(2-ethylhexyl)phtha...	21.339	149	26303	2.905	ng	99
85) Di-n-octyl phthalate	22.292	149	3219	3.340	ng	# 66

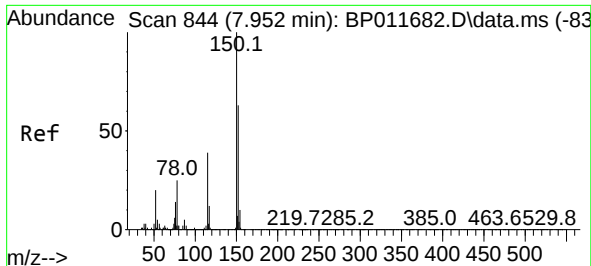
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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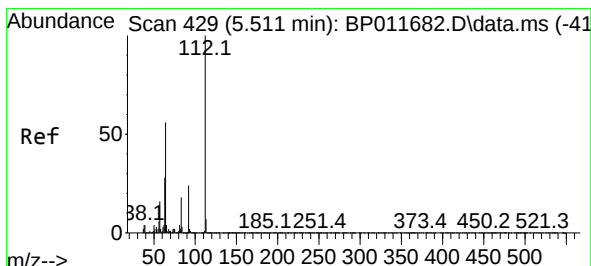
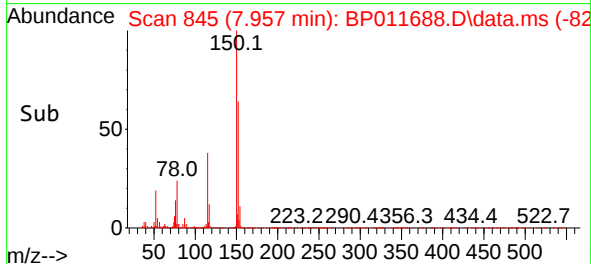
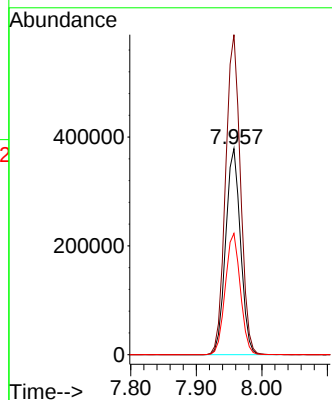
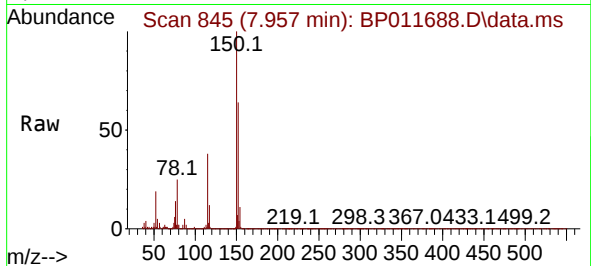




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 844
Delta R.T. 0.005 min
Lab File: BP011688.D
Acq: 13 Sep 2022 16:34

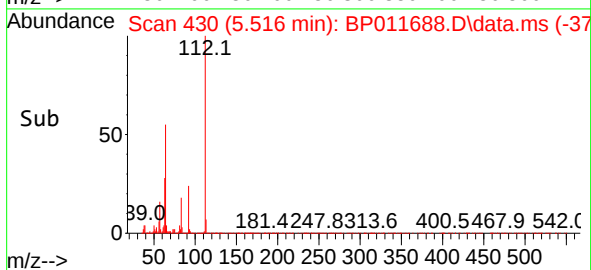
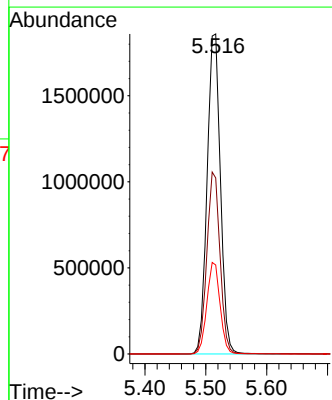
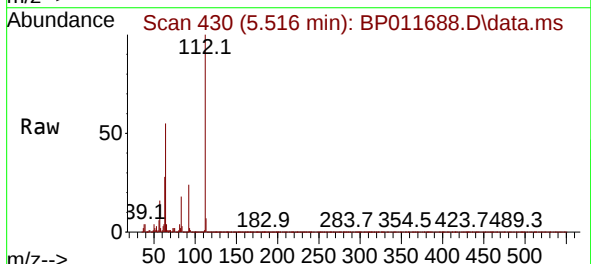
Instrument :
BNA_P
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SP-303-20220908

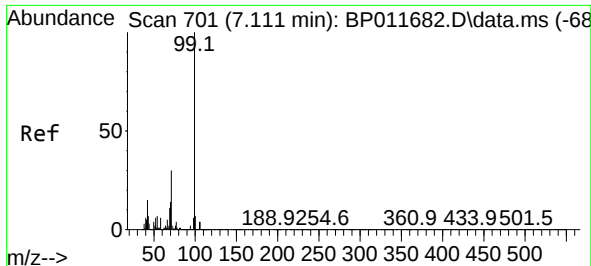
Tgt Ion:152 Resp: 594224
Ion Ratio Lower Upper
152 100
150 155.3 123.4 185.2
115 58.9 51.3 76.9



#5
2-Fluorophenol
Concen: 85.487 ng
RT: 5.516 min Scan# 430
Delta R.T. 0.006 min
Lab File: BP011688.D
Acq: 13 Sep 2022 16:34

Tgt Ion:112 Resp: 2819069
Ion Ratio Lower Upper
112 100
64 55.0 56.9 85.3#
63 27.8 31.2 46.8#

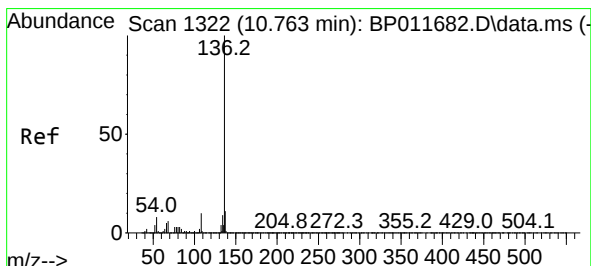
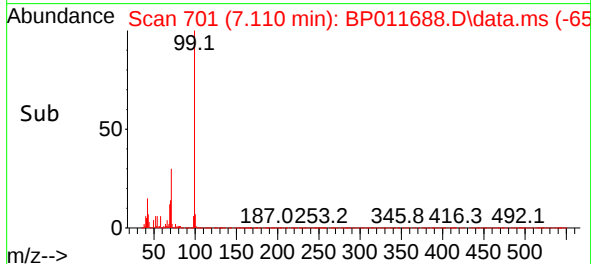
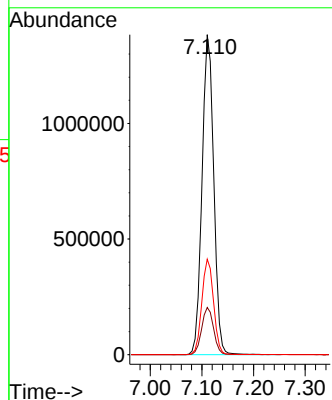
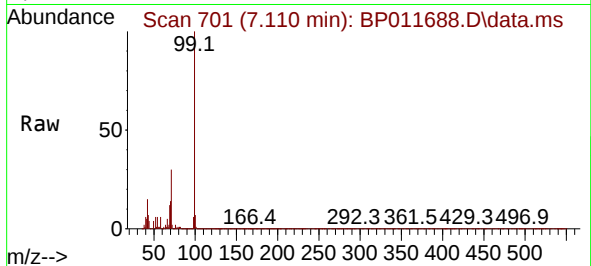




#7
Phenol-d6
Concen: 50.530 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.000 min
Lab File: BP011688.D
Acq: 13 Sep 2022 16:34

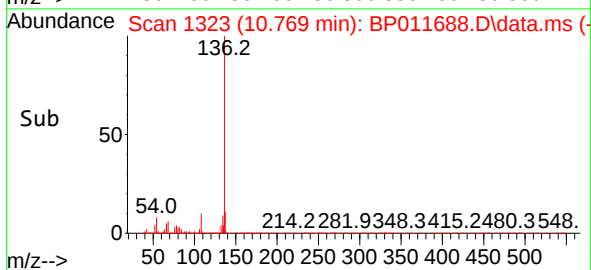
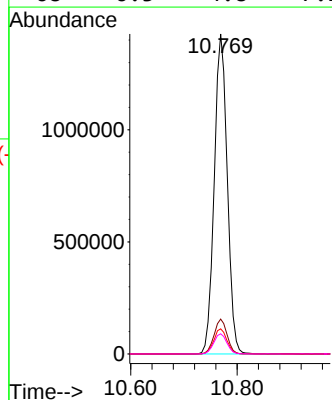
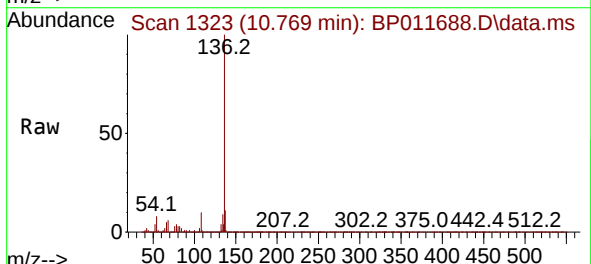
Instrument :
BNA_P
ClientSampleId :
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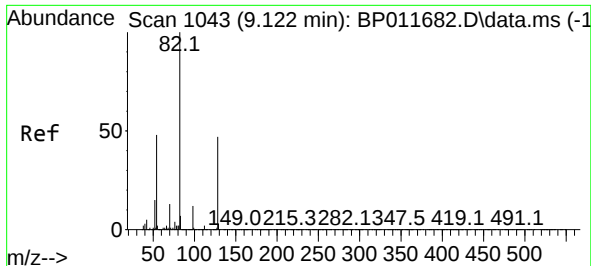
Tgt Ion: 99 Resp: 2175379
Ion Ratio Lower Upper
99 100
42 14.8 20.3 30.5#
71 29.8 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.769 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BP011688.D
Acq: 13 Sep 2022 16:34

Tgt Ion: 136 Resp: 2414570
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.9 8.7 13.1#
68 6.3 4.8 7.2

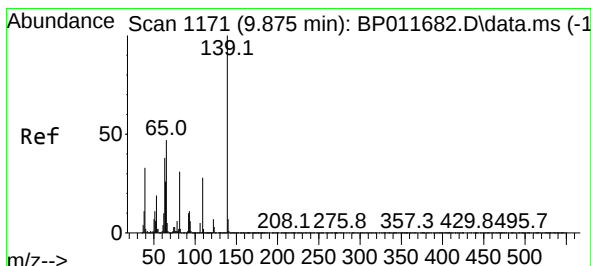
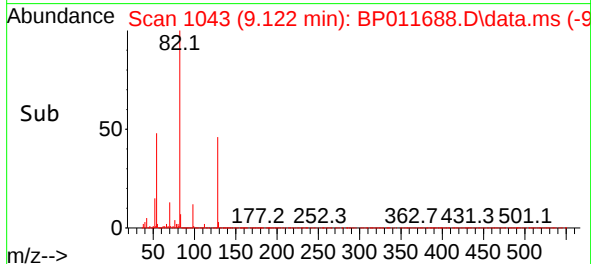
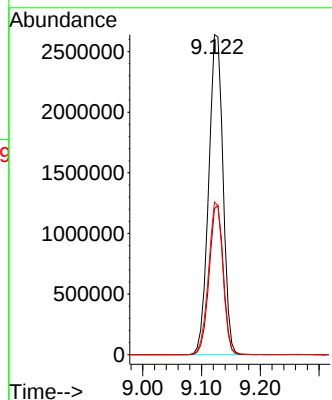
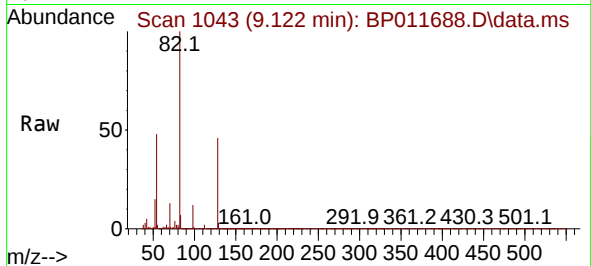




#23
Nitrobenzene-d5
Concen: 113.736 ng
RT: 9.122 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BP011688.D
Acq: 13 Sep 2022 16:34

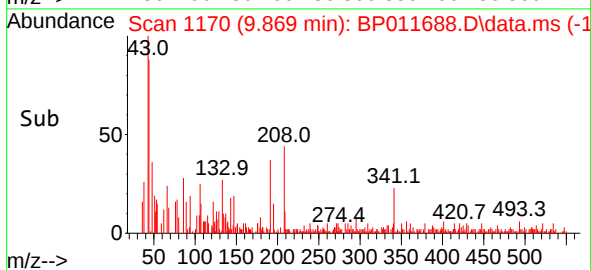
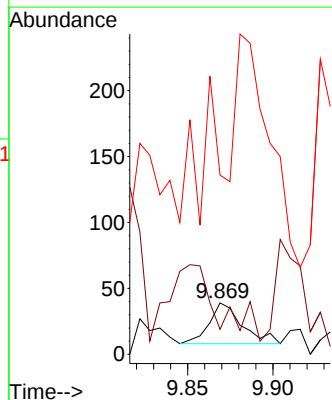
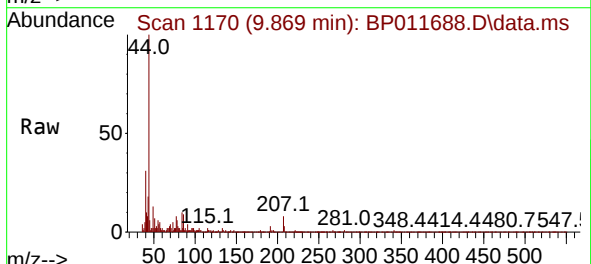
Instrument :
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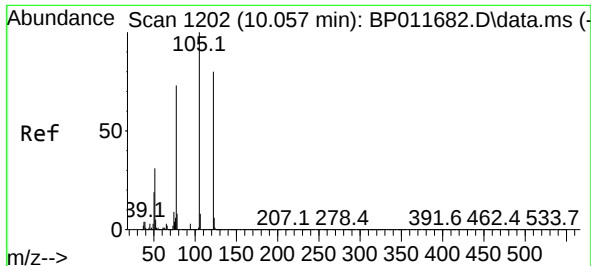
Tgt Ion: 82 Resp: 4471995
Ion Ratio Lower Upper
82 100
128 45.6 31.3 46.9
54 47.7 49.8 74.8#



#26
2-Nitrophenol
Concen: 3.549 ng
RT: 9.869 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BP011688.D
Acq: 13 Sep 2022 16:34

Tgt Ion:139 Resp: 42
Ion Ratio Lower Upper
139 100
109 48.7 30.2 45.4#
65 348.7 52.2 78.2#

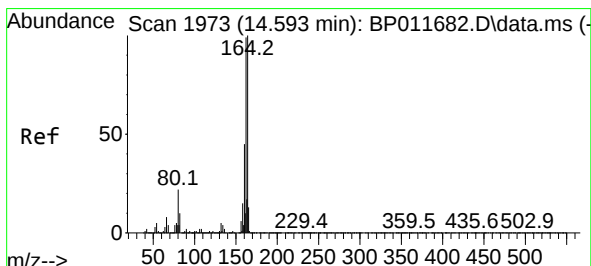
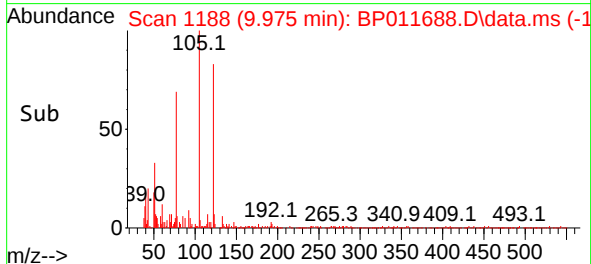
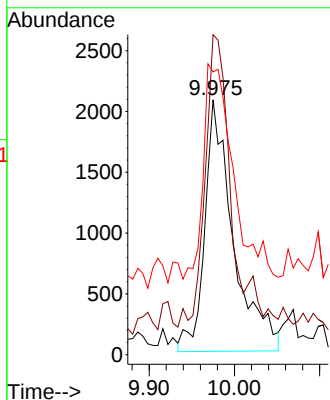
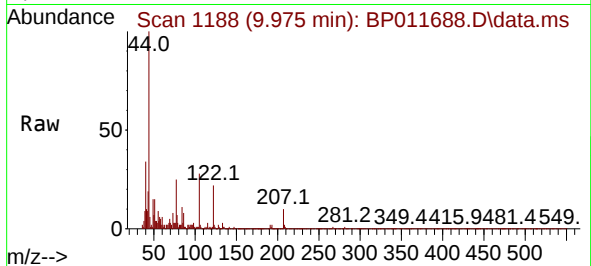




#32
Benzoic acid
Concen: 6.918 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.082 min
Lab File: BP011688.D
Acq: 13 Sep 2022 16:34

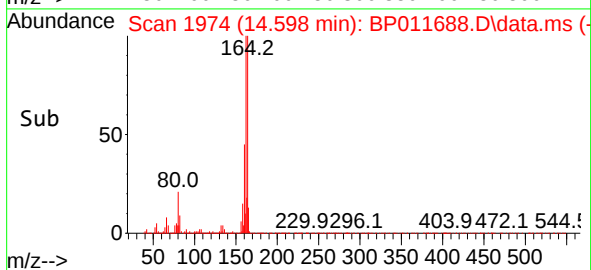
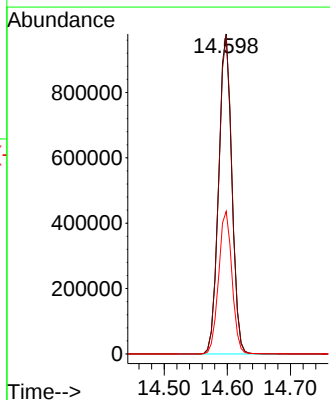
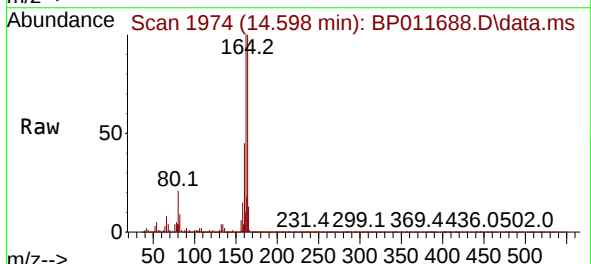
Instrument :
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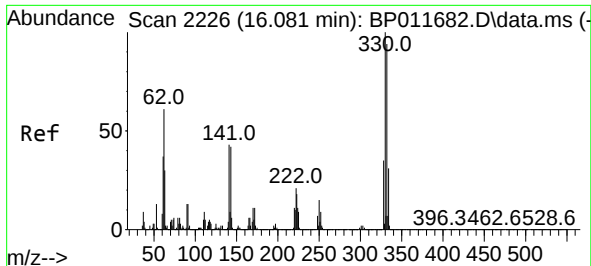
Tgt Ion:122 Resp: 4820
Ion Ratio Lower Upper
122 100
105 125.6 112.6 152.6
77 111.0 90.2 130.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1974
Delta R.T. 0.005 min
Lab File: BP011688.D
Acq: 13 Sep 2022 16:34

Tgt Ion:164 Resp: 1415905
Ion Ratio Lower Upper
164 100
162 99.5 81.9 122.9
160 44.6 34.6 51.8

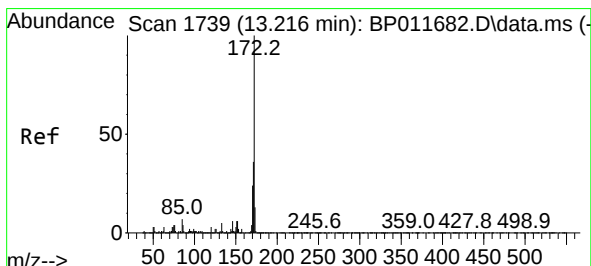
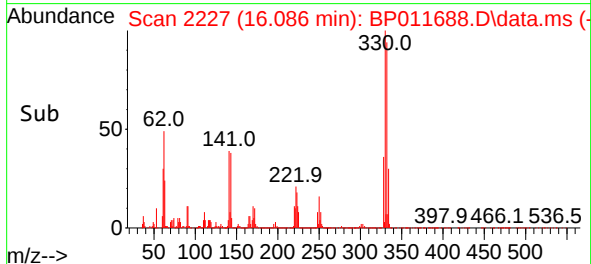
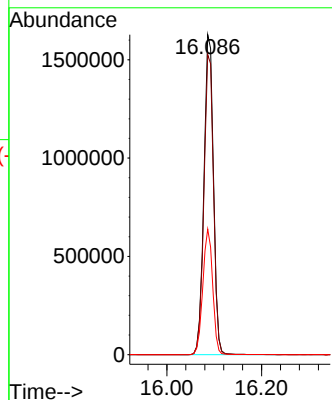
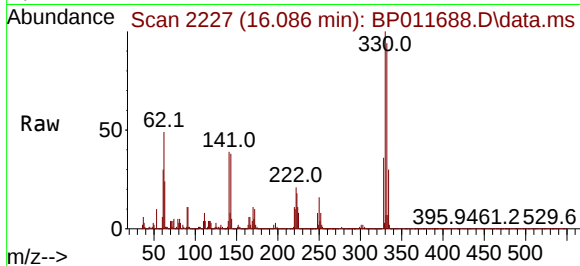




#42
2,4,6-Tribromophenol
Concen: 185.569 ng
RT: 16.086 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011688.D
Acq: 13 Sep 2022 16:34

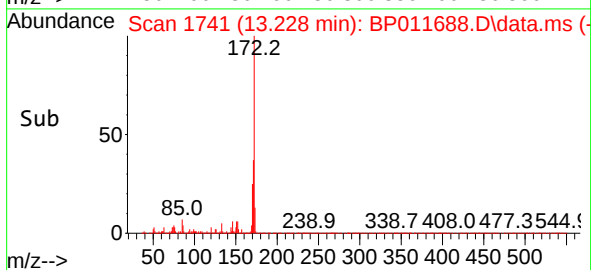
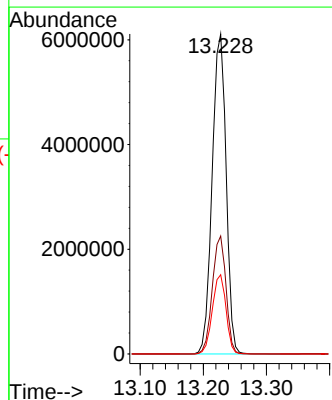
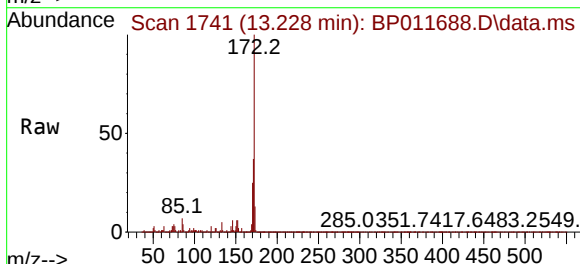
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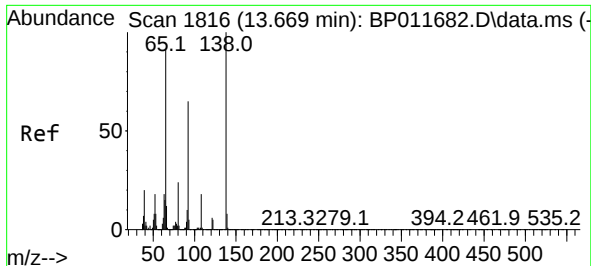
Tgt Ion:330 Resp: 2274199
Ion Ratio Lower Upper
330 100
332 94.4 78.1 117.1
141 40.4 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 102.473 ng
RT: 13.228 min Scan# 1741
Delta R.T. 0.011 min
Lab File: BP011688.D
Acq: 13 Sep 2022 16:34

Tgt Ion:172 Resp: 9367378
Ion Ratio Lower Upper
172 100
171 36.9 27.9 41.9
170 24.8 18.2 27.2

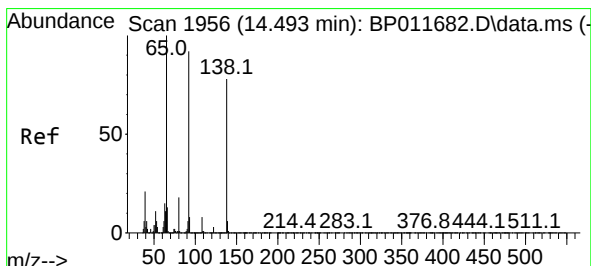
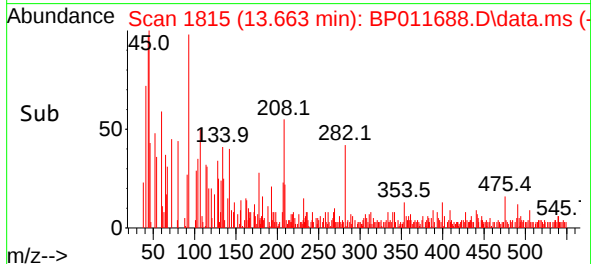
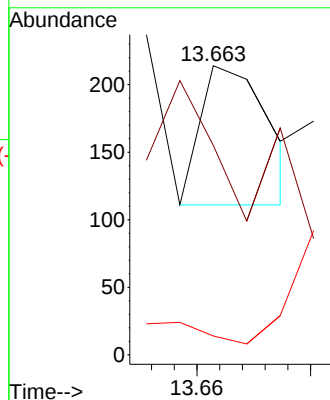
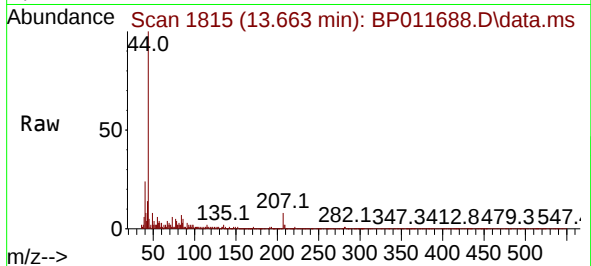




#48
2-Nitroaniline
Concen: 3.254 ng
RT: 13.663 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011688.D
Acq: 13 Sep 2022 16:34

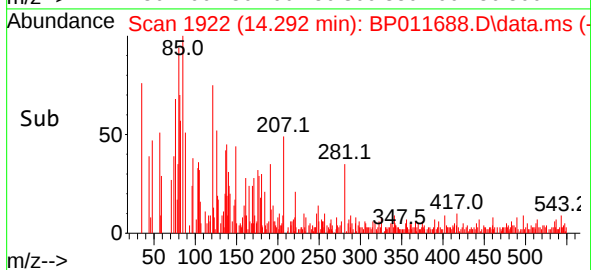
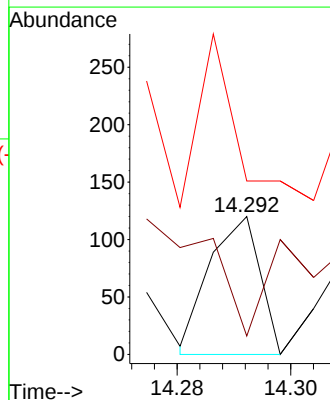
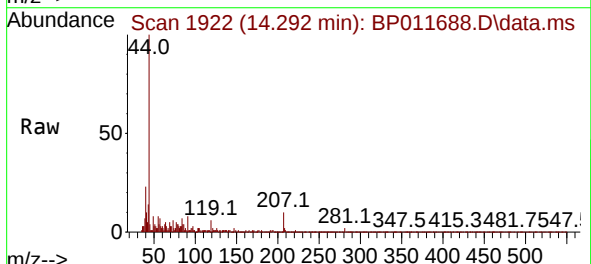
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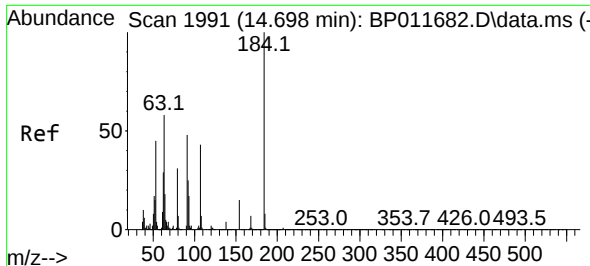
Tgt Ion: 65 Resp: 86
Ion Ratio Lower Upper
65 100
92 72.4 50.0 75.0
138 6.5 71.2 106.8#



#53
3-Nitroaniline
Concen: 2.638 ng
RT: 14.292 min Scan# 1922
Delta R.T. -0.201 min
Lab File: BP011688.D
Acq: 13 Sep 2022 16:34

Tgt Ion: 138 Resp: 74
Ion Ratio Lower Upper
138 100
108 11.5 9.5 14.3
92 108.6 99.9 149.9

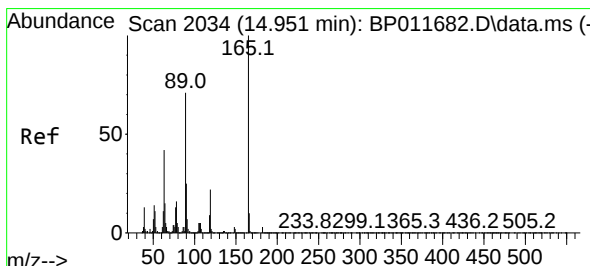
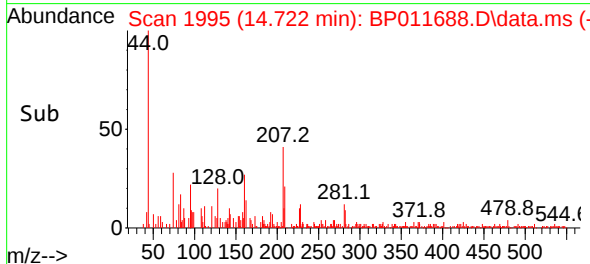
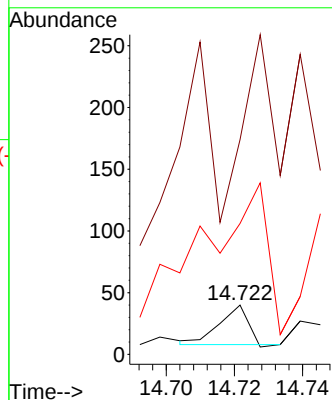
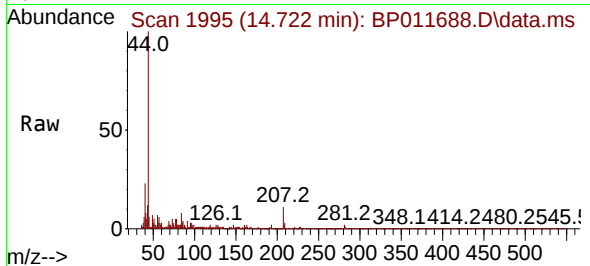




#54
2,4-Dinitrophenol
Concen: 6.601 ng
RT: 14.722 min Scan# 1995
Delta R.T. 0.024 min
Lab File: BP011688.D
Acq: 13 Sep 2022 16:34

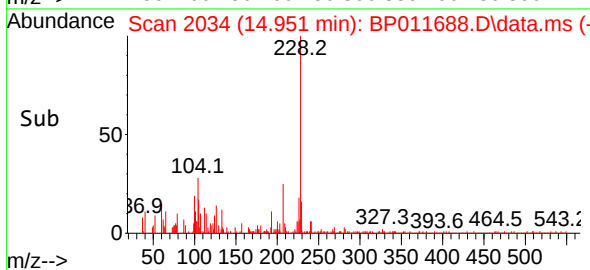
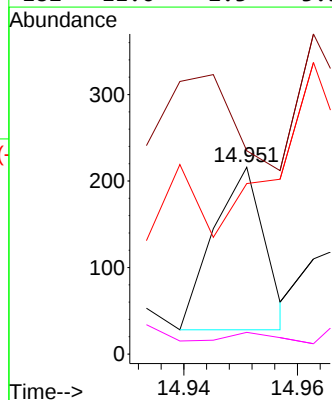
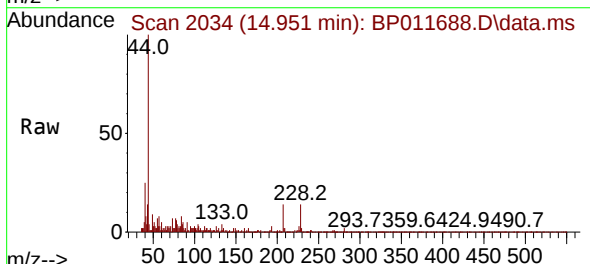
Instrument :
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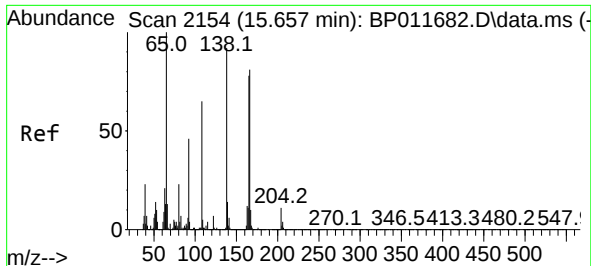
Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 435.0 65.4 98.2#
154 265.0 55.4 83.2#



#57
2,4-Dinitrotoluene
Concen: 3.009 ng
RT: 14.951 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BP011688.D
Acq: 13 Sep 2022 16:34

Tgt Ion:165 Resp: 119
Ion Ratio Lower Upper
165 100
63 108.8 46.2 69.2#
89 91.2 65.8 98.8
182 11.6 2.3 3.5#

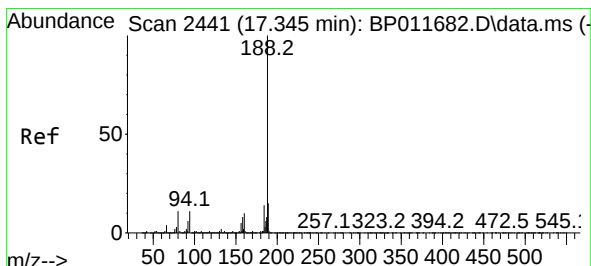
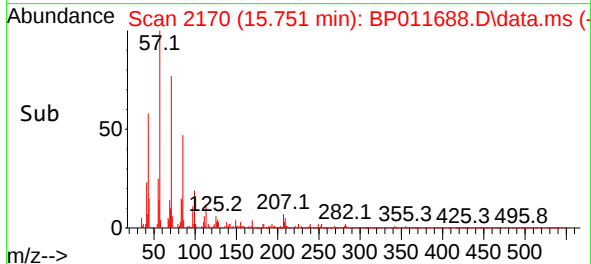
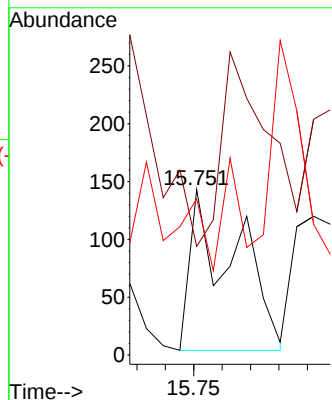
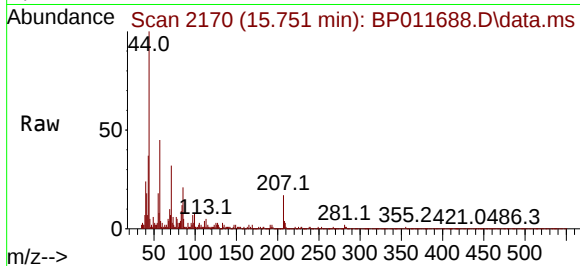




#62
4-Nitroaniline
Concen: 2.702 ng
RT: 15.751 min Scan# 2154
Delta R.T. 0.094 min
Lab File: BP011688.D
Acq: 13 Sep 2022 16:34

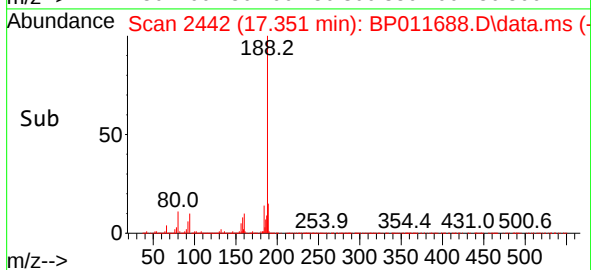
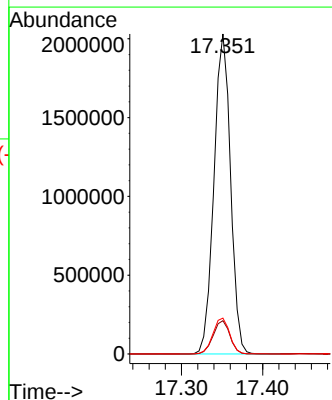
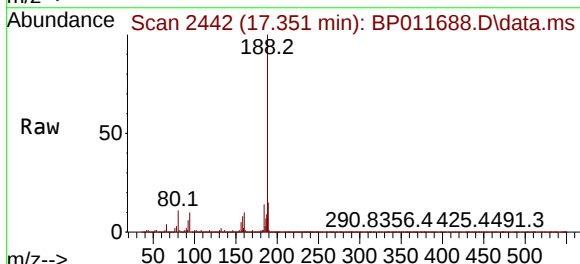
Instrument :
BNA_P
ClientSampleId :
SP-303-20220908

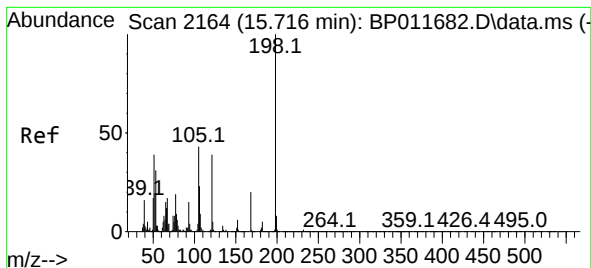
Tgt Ion:138 Resp: 154
Ion Ratio Lower Upper
138 100
92 65.7 38.0 78.0
108 94.4 77.6 117.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2442
Delta R.T. 0.006 min
Lab File: BP011688.D
Acq: 13 Sep 2022 16:34

Tgt Ion:188 Resp: 2874979
Ion Ratio Lower Upper
188 100
94 10.4 6.6 10.0#
80 11.2 8.0 12.0

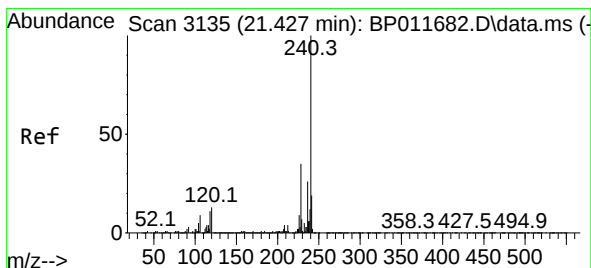
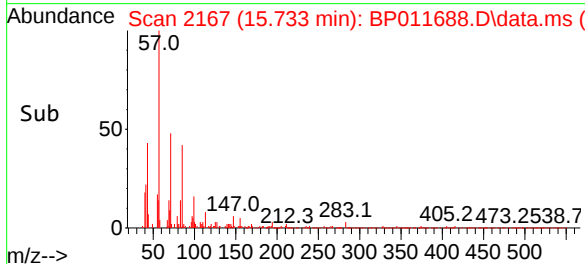
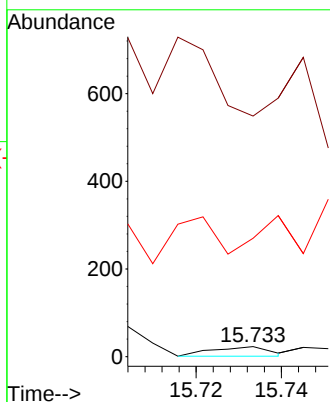
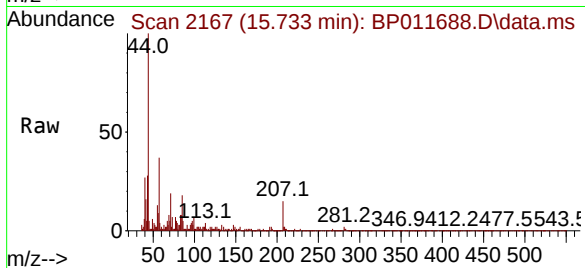




#65
4,6-Dinitro-2-methylphenol
Concen: 4.628 ng
RT: 15.733 min Scan# 2167
Delta R.T. 0.017 min
Lab File: BP011688.D
Acq: 13 Sep 2022 16:34

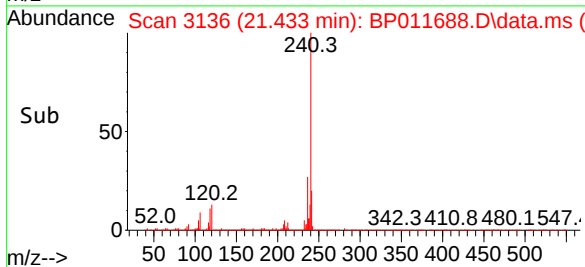
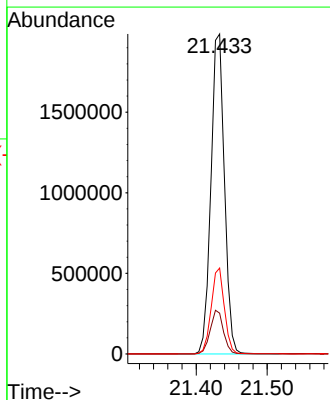
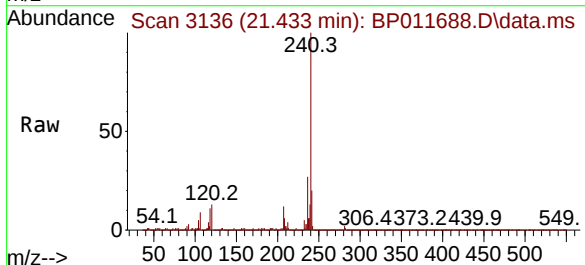
Instrument :
BNA_P
ClientSampleId :
SP-303-20220908

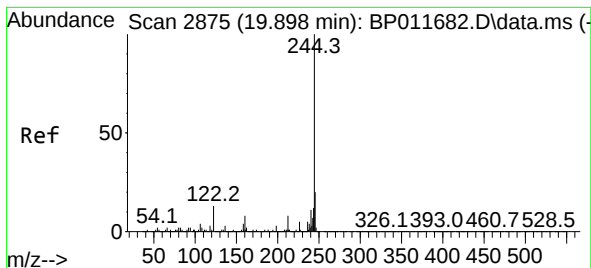
Tgt Ion:198 Resp: 20
Ion Ratio Lower Upper
198 100
51 2387.0 41.2 81.2#
105 1173.9 25.3 65.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3136
Delta R.T. 0.006 min
Lab File: BP011688.D
Acq: 13 Sep 2022 16:34

Tgt Ion:240 Resp: 2619809
Ion Ratio Lower Upper
240 100
120 12.7 8.6 12.8
236 26.8 19.8 29.6





#79

Terphenyl-d14

Concen: 102.347 ng

RT: 19.904 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP011688.D

Acq: 13 Sep 2022 16:34

Instrument :

BNA_P

ClientSampleId :

SP-303-20220908

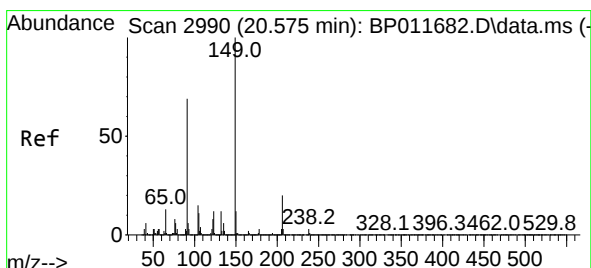
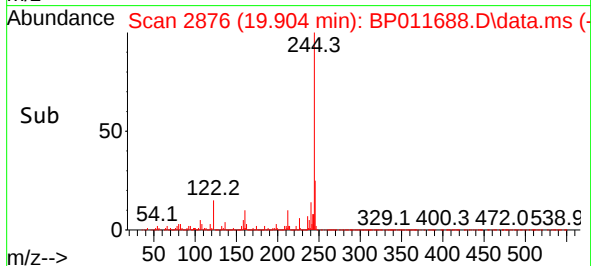
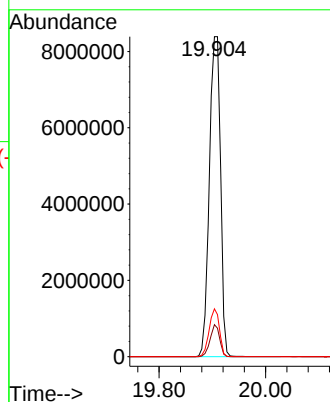
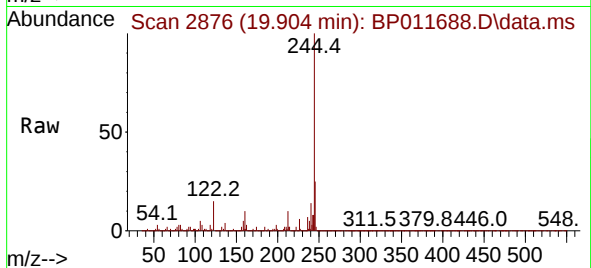
Tgt Ion:244 Resp:12219180

Ion Ratio Lower Upper

244 100

212 10.0 5.8 8.8#

122 14.9 7.6 11.4#



#80

Butylbenzylphthalate

Concen: 3.265 ng

RT: 20.657 min Scan# 3004

Delta R.T. 0.082 min

Lab File: BP011688.D

Acq: 13 Sep 2022 16:34

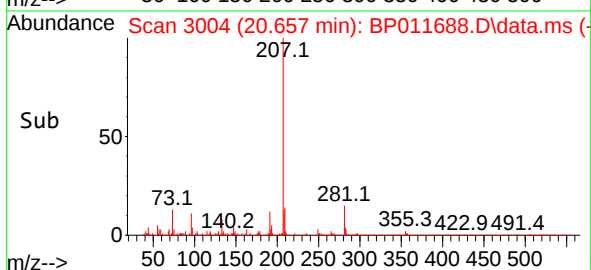
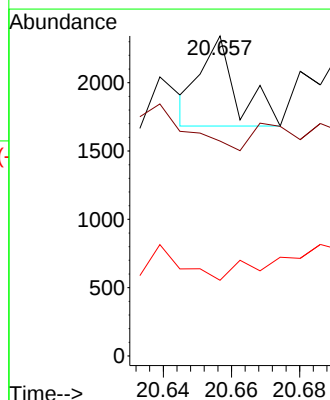
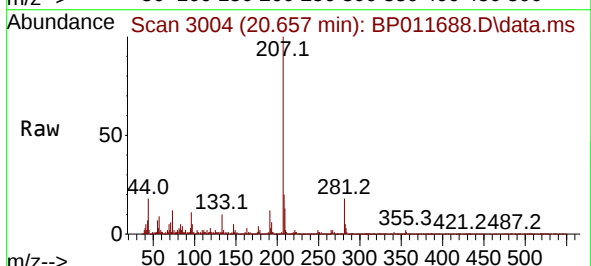
Tgt Ion:149 Resp: 487

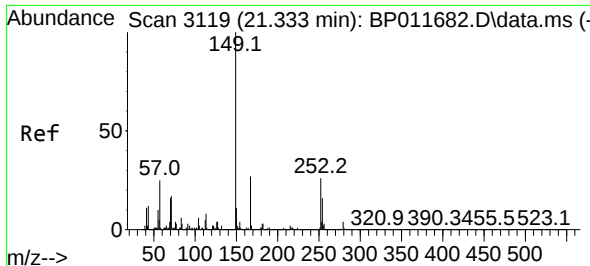
Ion Ratio Lower Upper

149 100

91 67.2 62.5 93.7

206 23.7 17.0 25.4

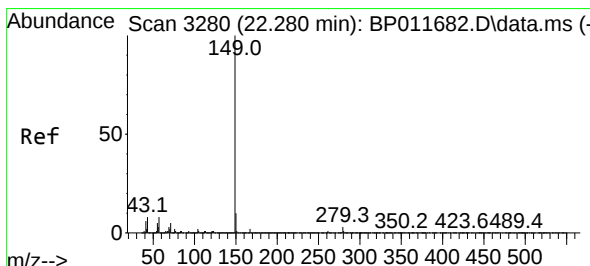
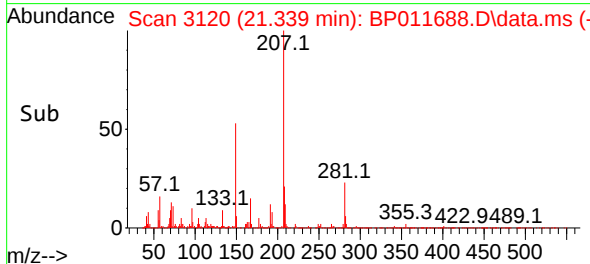
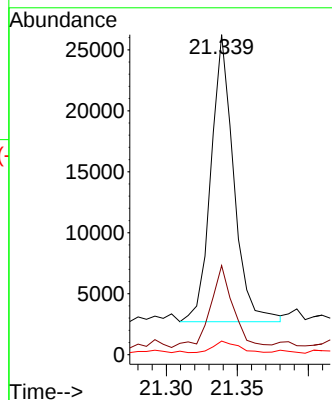
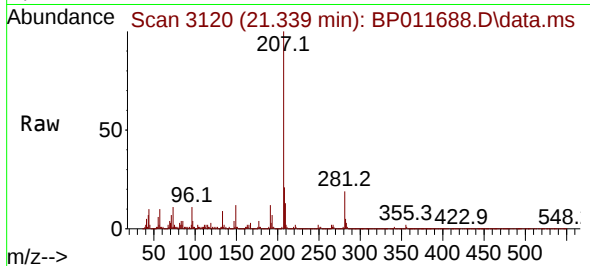




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.905 ng
 RT: 21.339 min Scan# 3119
 Delta R.T. 0.006 min
 Lab File: BP011688.D
 Acq: 13 Sep 2022 16:34

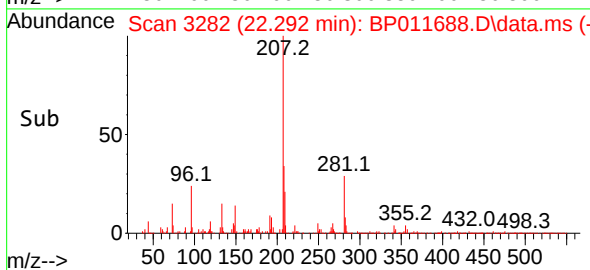
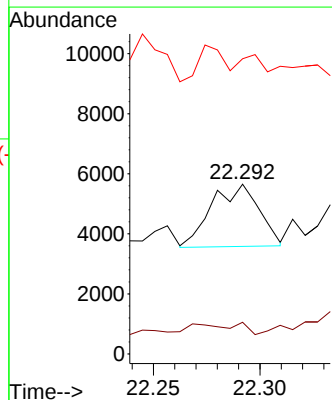
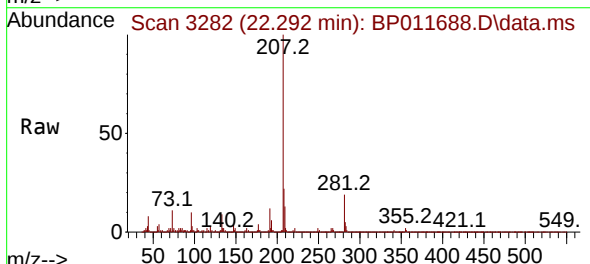
Instrument :
 BNA_P
 ClientSampleId :
 SP-303-20220908

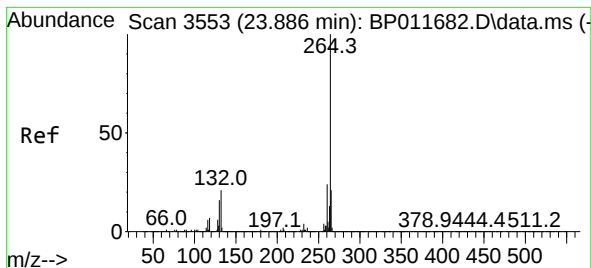
Tgt Ion:149 Resp: 26303
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.8 32.8
 279 4.2 3.7 5.5



#85
 Di-n-octyl phthalate
 Concen: 3.340 ng
 RT: 22.292 min Scan# 3282
 Delta R.T. 0.012 min
 Lab File: BP011688.D
 Acq: 13 Sep 2022 16:34

Tgt Ion:149 Resp: 3219
 Ion Ratio Lower Upper
 149 100
 167 22.1 1.3 1.9#
 43 0.0 10.0 15.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.898 min Scan# 30

Delta R.T. 0.011 min

Lab File: BP011688.D

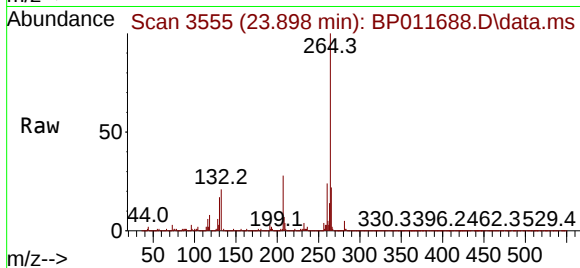
Acq: 13 Sep 2022 16:34

Instrument :

BNA_P

ClientSampleId :

SP-303-20220908



Tgt Ion:264 Resp: 2571853

Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 22.2 18.0 27.0

