

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
 Data File : BP009050.D
 Acq On : 07 Feb 2022 17:03
 Operator : CG/JU
 Sample : N1381-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DB-06(15-20)-02-01-22

Quant Time: Feb 08 03:53:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

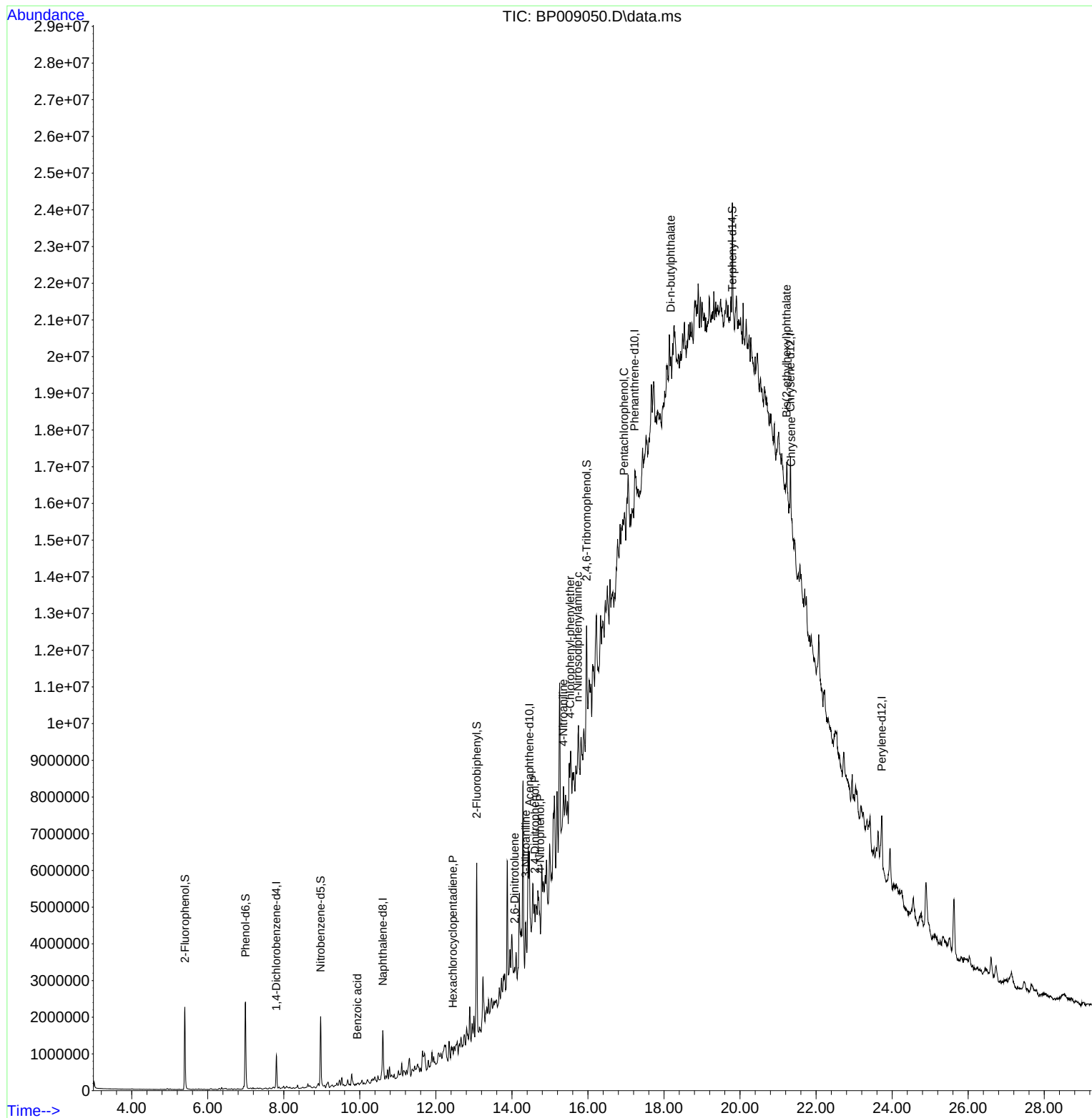
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	280512	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1113986	20.000	ng	# 0.00
39) Acenaphthene-d10	14.457	164	627087	20.000	ng	0.01
64) Phenanthrene-d10	17.227	188	1077513	20.000	ng	# 0.02
76) Chrysene-d12	21.327	240	991226	20.000	ng	# 0.03
86) Perylene-d12	23.727	264	1162871	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1160767	73.814	ng	0.00
7) Phenol-d6	6.992	99	1620319	78.197	ng	0.00
23) Nitrobenzene-d5	8.969	82	1199135	60.704	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	922380	110.165	ng	0.02
45) 2-Fluorobiphenyl	13.075	172	2546177	56.840	ng	0.00
79) Terphenyl-d14	19.798	244	2649850	48.075	ng	0.03
Target Compounds						Qvalue
32) Benzoic acid	9.934	122	639	2.751	ng	# 1
41) Hexachlorocyclopentadiene	12.451	237	25	8.659	ng	78
51) 2,6-Dinitrotoluene	14.069	165	45974	4.931	ng	# 41
53) 3-Nitroaniline	14.363	138	60742	6.370	ng	# 23
54) 2,4-Dinitrophenol	14.604	184	373	2.262	ng	# 1
56) 4-Nitrophenol	14.739	139	6759	2.688	ng	# 1
61) 4-Chlorophenyl-phenyle...	15.533	204	49880	2.112	ng	# 9
62) 4-Nitroaniline	15.351	138	132069	13.775	ng	78
66) n-Nitrosodiphenylamine	15.733	169	194241	5.944	ng	# 54
70) Pentachlorophenol	16.945	266	32064	4.354	ng	# 34
74) Di-n-butylphthalate	18.180	149	192657	3.475	ng	# 26
83) Chrysene	21.345	228	130257	2.115	ng	# 23
84) Bis(2-ethylhexyl)phtha...	21.227	149	230870	7.199	ng	# 75

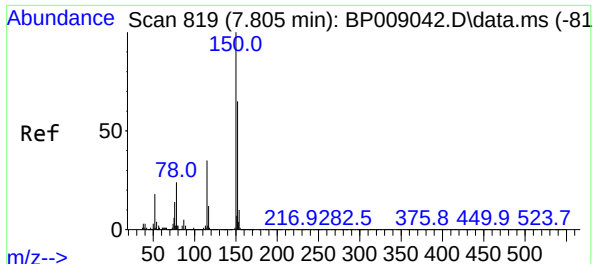
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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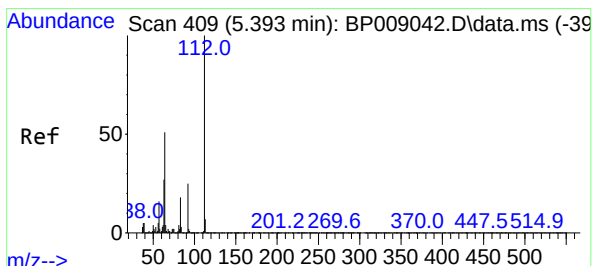
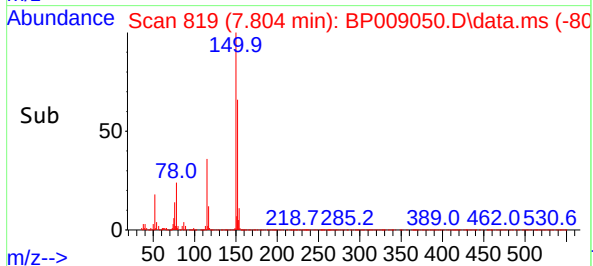
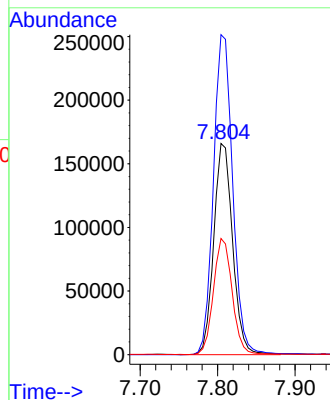
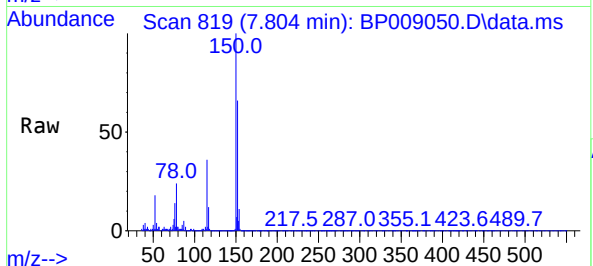




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.001 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

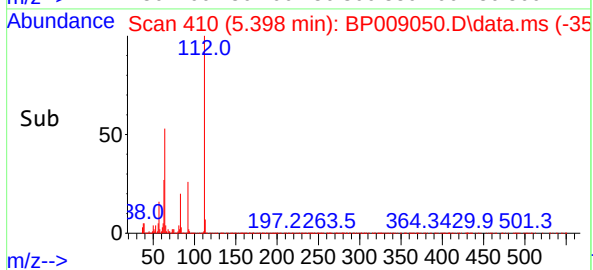
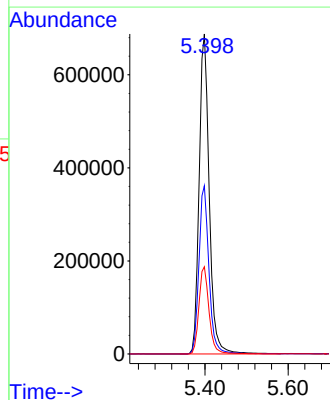
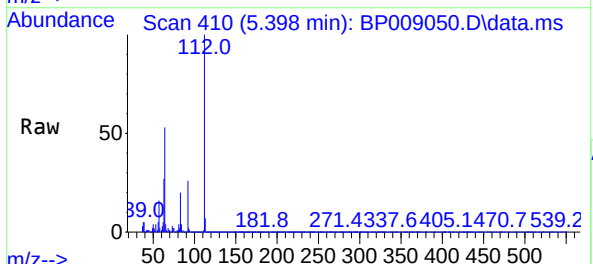
Instrument :
BNA_P
ClientSampleId :
DB-06(15-20)-02-01-22

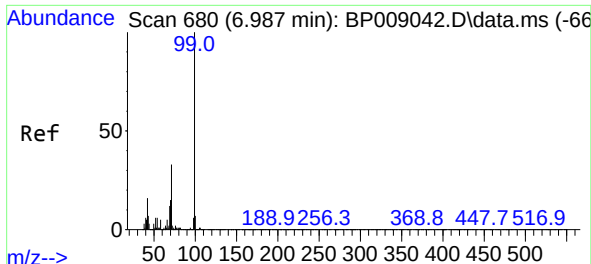
Tgt Ion:152 Resp: 280512
Ion Ratio Lower Upper
152 100
150 151.5 127.0 190.6
115 55.0 43.7 65.5



#5
2-Fluorophenol
Concen: 73.814 ng
RT: 5.398 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

Tgt Ion:112 Resp: 1160767
Ion Ratio Lower Upper
112 100
64 52.6 39.7 59.5
63 27.3 20.0 30.0

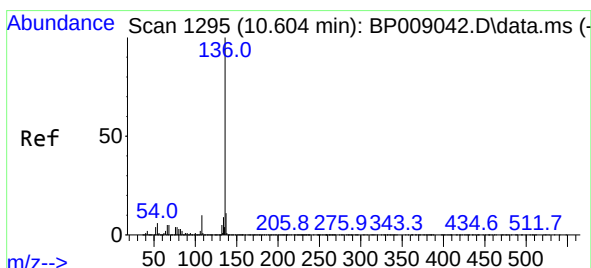
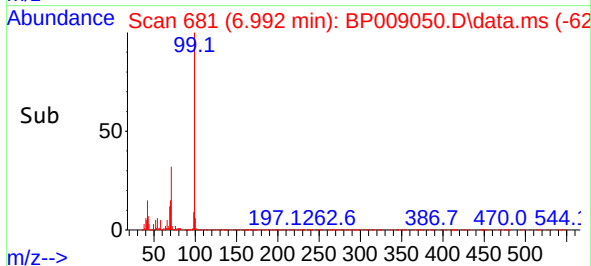
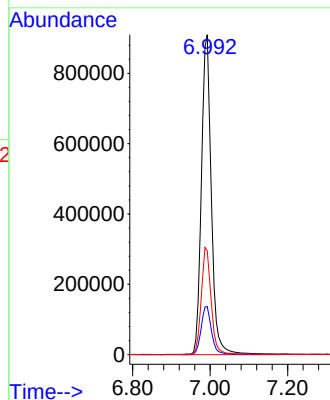
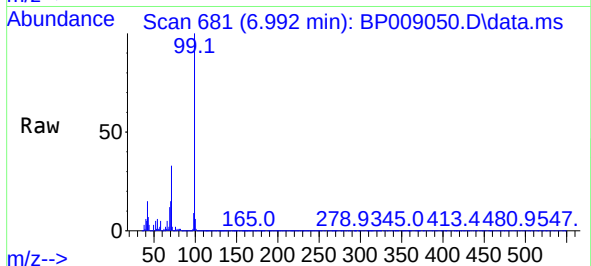




#7
Phenol-d6
Concen: 78.197 ng
RT: 6.992 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

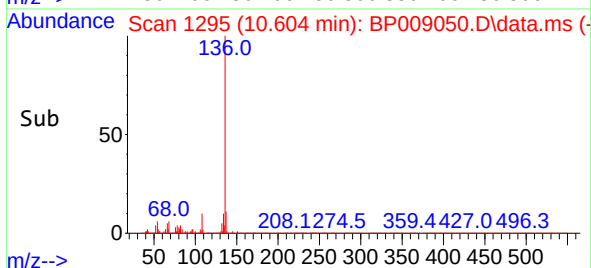
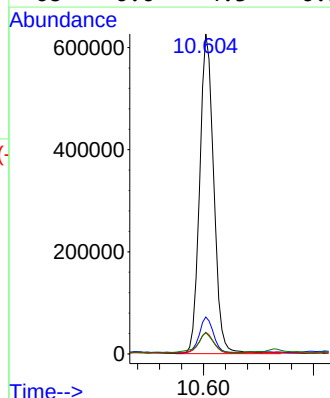
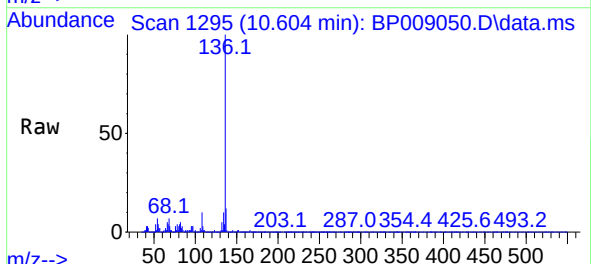
Instrument :
BNA_P
ClientSampleId :
DB-06(15-20)-02-01-22

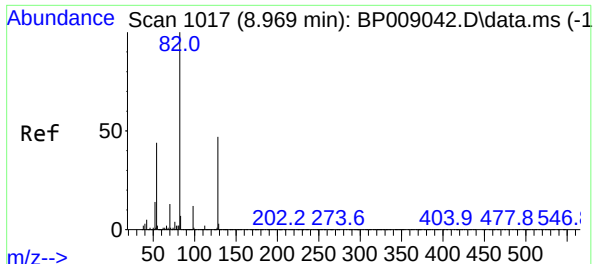
Tgt Ion: 99 Resp: 1620319
Ion Ratio Lower Upper
99 100
42 15.1 10.8 16.2
71 32.5 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

Tgt Ion:136 Resp: 1113986
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 6.8 4.9 7.3
68 6.6 4.3 6.5#

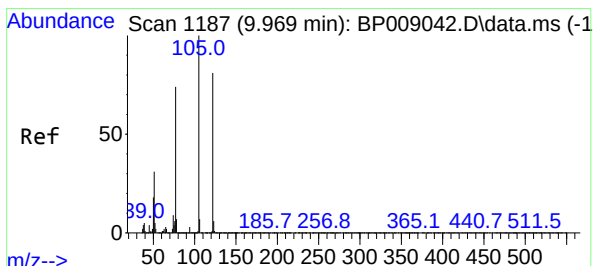
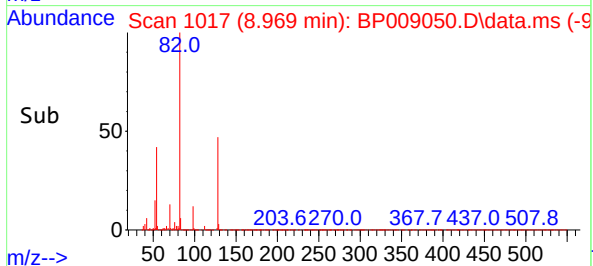
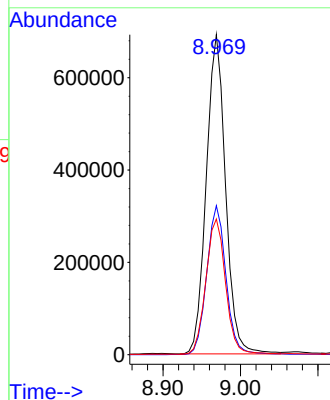
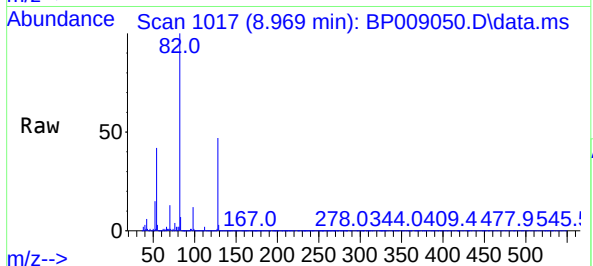




#23
Nitrobenzene-d5
Concen: 60.704 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

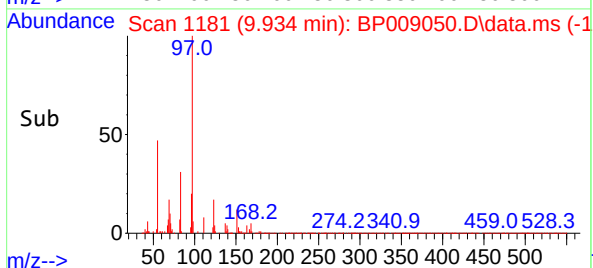
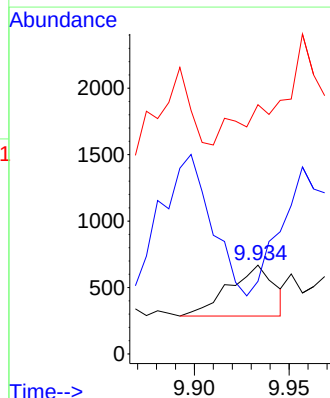
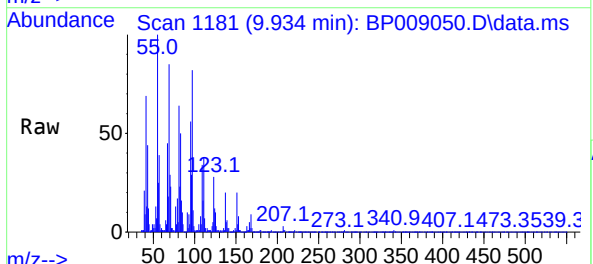
Instrument :
BNA_P
ClientSampleId :
DB-06(15-20)-02-01-22

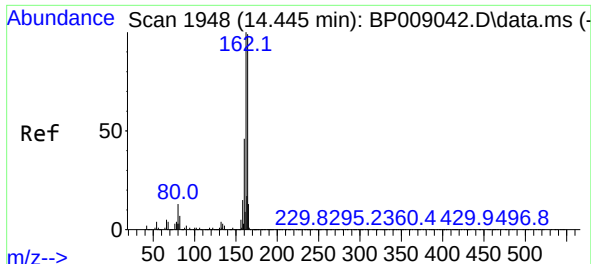
Tgt Ion: 82 Resp: 1199135
Ion Ratio Lower Upper
82 100
128 46.6 39.4 59.2
54 42.4 32.6 48.8



#32
Benzoic acid
Concen: 2.751 ng
RT: 9.934 min Scan# 1181
Delta R.T. -0.035 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

Tgt Ion: 122 Resp: 639
Ion Ratio Lower Upper
122 100
105 81.9 100.1 140.1#
77 280.8 65.5 105.5#

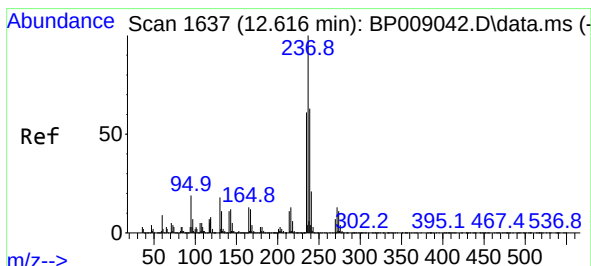
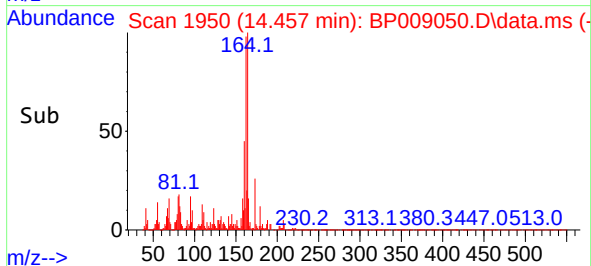
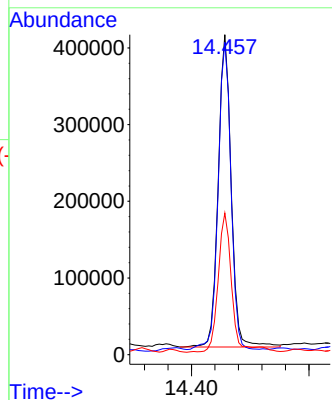
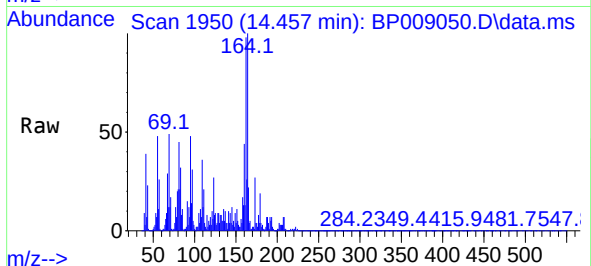




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1609
Delta R.T. 0.012 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

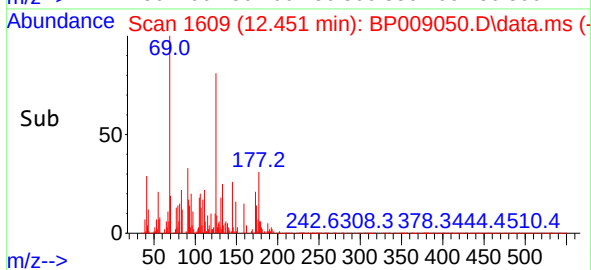
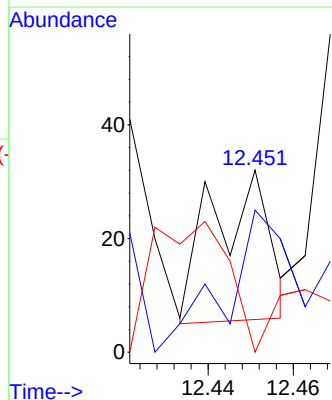
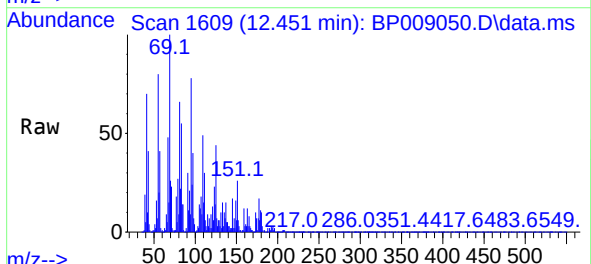
Instrument :
BNA_P
ClientSampleId :
DB-06(15-20)-02-01-22

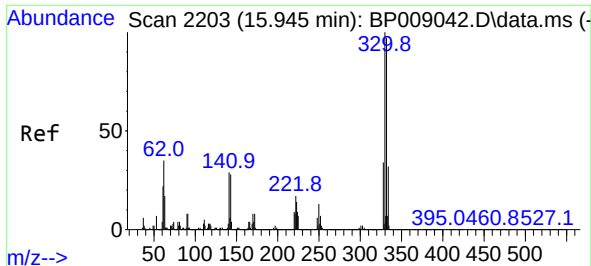
Tgt Ion:164 Resp: 627087
Ion Ratio Lower Upper
164 100
162 97.6 79.9 119.9
160 44.2 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.659 ng
RT: 12.451 min Scan# 1609
Delta R.T. -0.165 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

Tgt Ion:237 Resp: 25
Ion Ratio Lower Upper
237 100
235 78.1 42.9 82.9
272 0.0 0.0 33.8

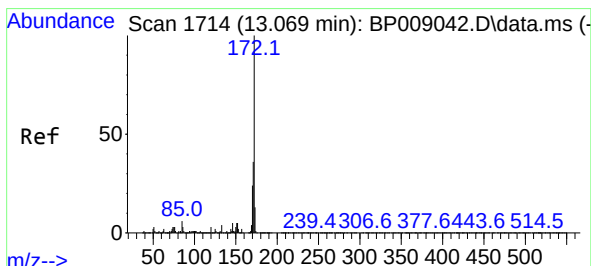
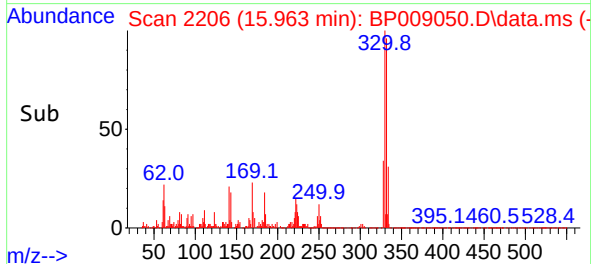
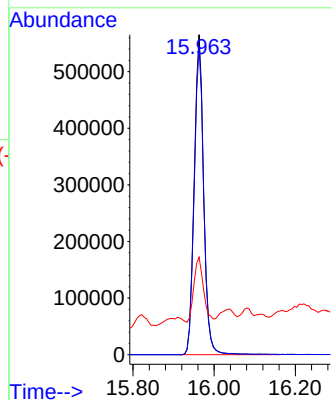
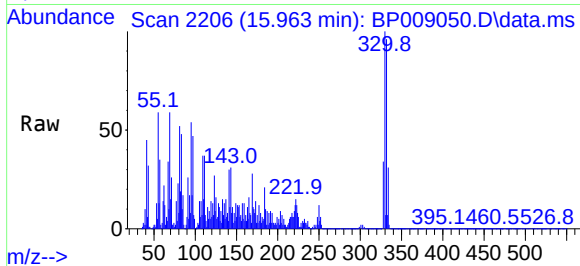




#42
2,4,6-Tribromophenol
Concen: 110.165 ng
RT: 15.963 min Scan# 21
Delta R.T. 0.017 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

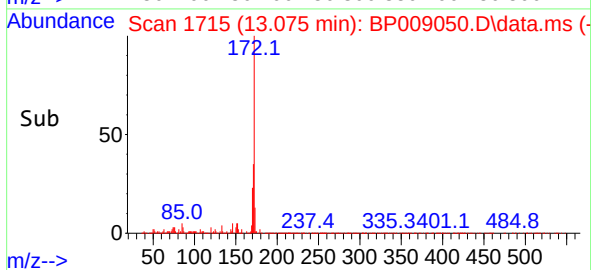
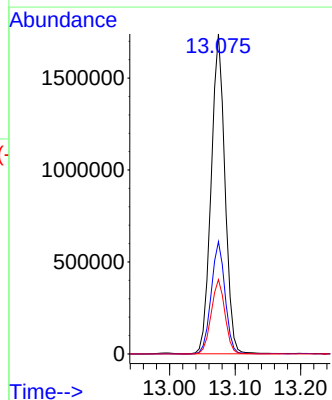
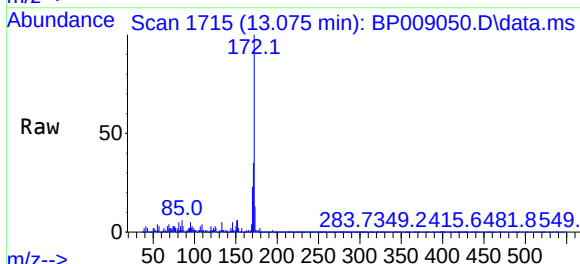
Instrument :
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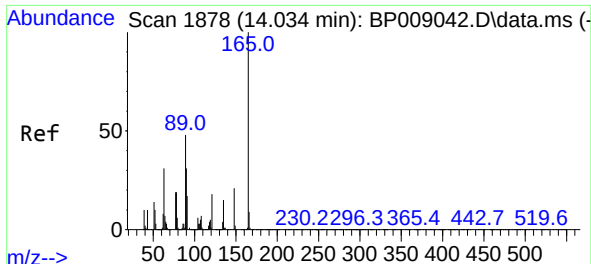
Tgt Ion:330 Resp: 922380
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 20.6 21.3 31.9#



#45
2-Fluorobiphenyl
Concen: 56.840 ng
RT: 13.075 min Scan# 1715
Delta R.T. 0.006 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

Tgt Ion:172 Resp: 2546177
Ion Ratio Lower Upper
172 100
171 35.1 29.3 43.9
170 23.2 19.5 29.3





#51

2,6-Dinitrotoluene

Concen: 4.931 ng

RT: 14.069 min Scan# 1884

Delta R.T. 0.035 min

Lab File: BP009050.D

Acq: 07 Feb 2022 17:03

Instrument :

BNA_P

ClientSampleId :

DB-06(15-20)-02-01-22

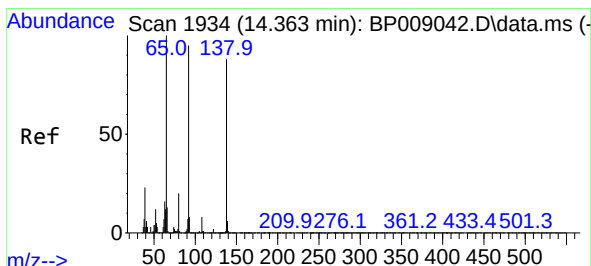
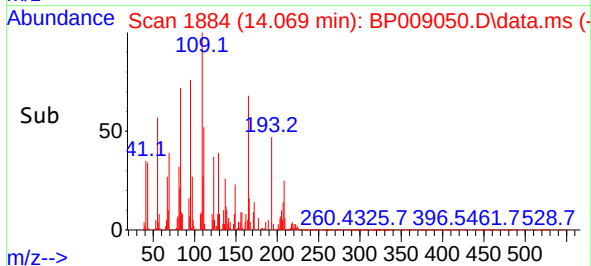
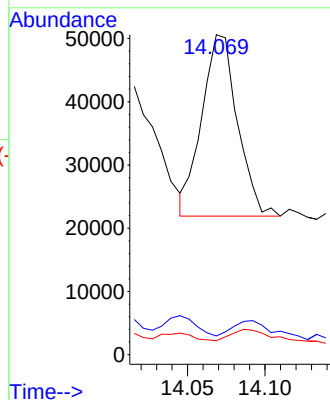
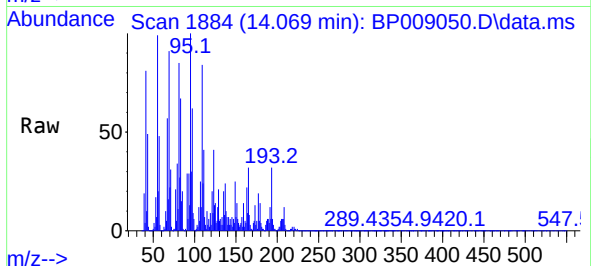
Tgt Ion:165 Resp: 45974

Ion Ratio Lower Upper

165 100

63 5.8 31.8 47.8#

89 4.3 36.1 54.1#



#53

3-Nitroaniline

Concen: 6.370 ng

RT: 14.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: BP009050.D

Acq: 07 Feb 2022 17:03

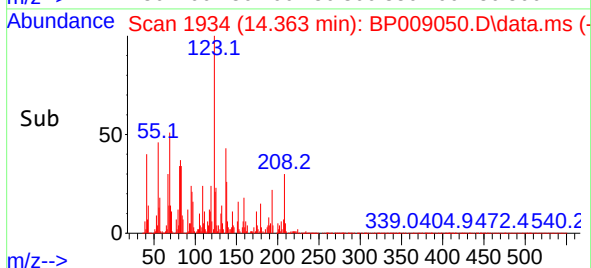
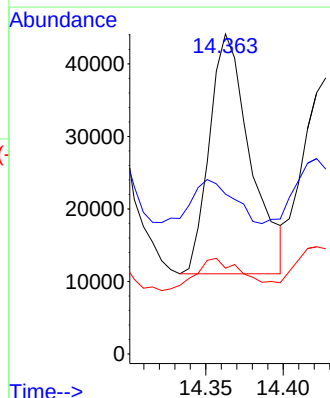
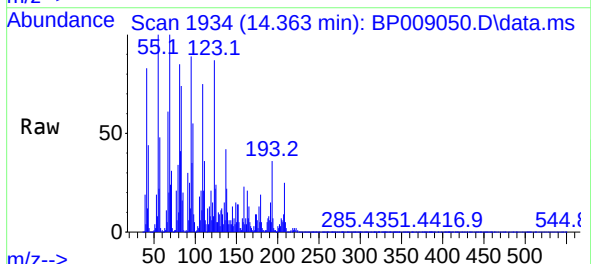
Tgt Ion:138 Resp: 60742

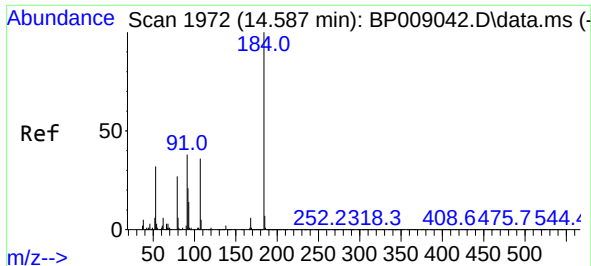
Ion Ratio Lower Upper

138 100

108 49.9 8.0 12.0#

92 26.8 81.7 122.5#

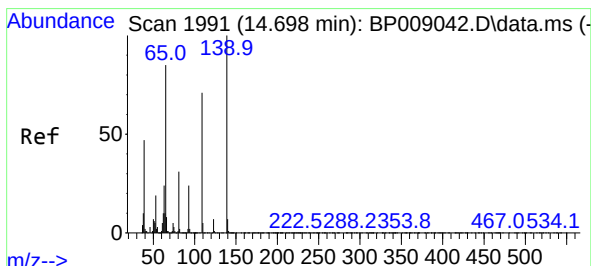
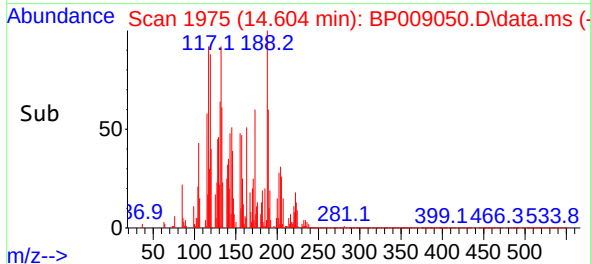
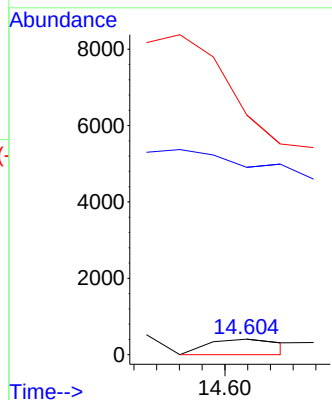
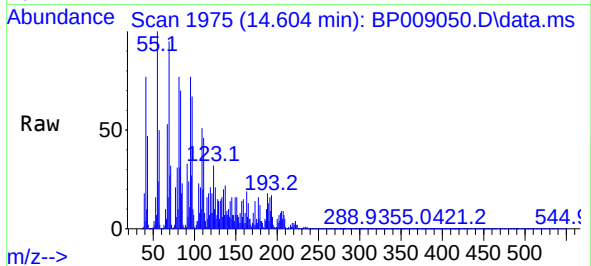




#54
2,4-Dinitrophenol
Concen: 2.262 ng
RT: 14.604 min Scan# 1975
Delta R.T. 0.017 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

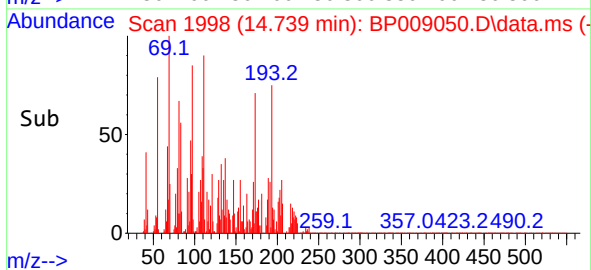
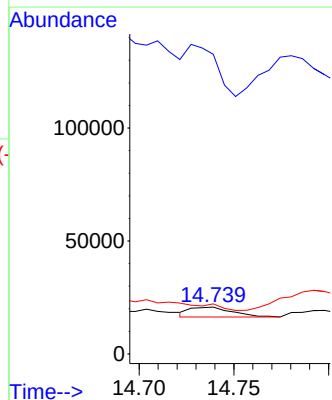
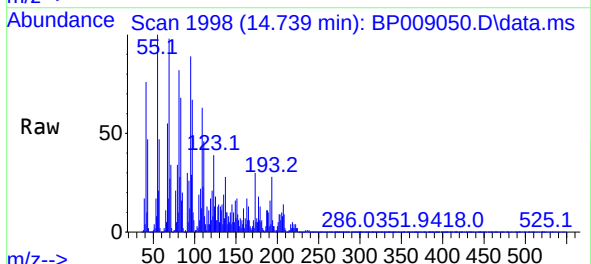
Instrument :
BNA_P
ClientSampleId :
DB-06(15-20)-02-01-22

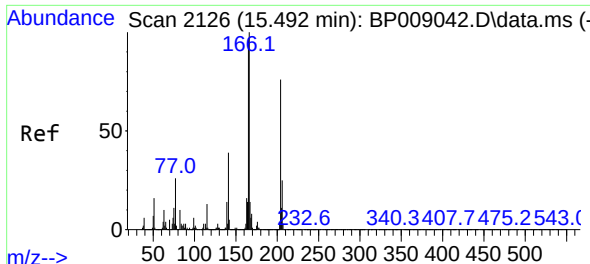
Tgt Ion:184 Resp: 373
Ion Ratio Lower Upper
184 100
63 1208.6 35.6 53.4#
154 1545.8 43.4 65.0#



#56
4-Nitrophenol
Concen: 2.688 ng
RT: 14.739 min Scan# 1998
Delta R.T. 0.041 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

Tgt Ion:139 Resp: 6759
Ion Ratio Lower Upper
139 100
109 640.3 42.2 82.2#
65 107.1 57.3 97.3#

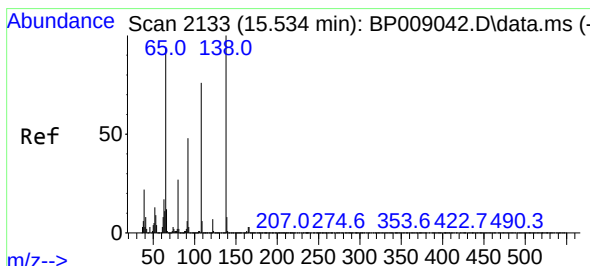
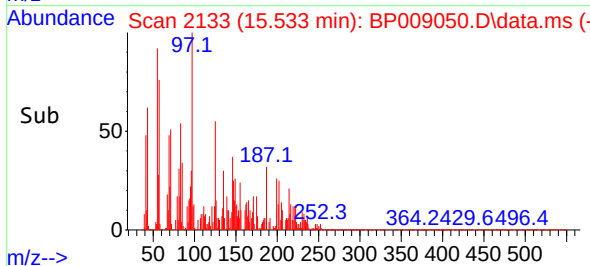
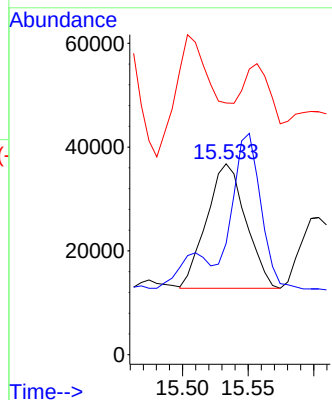
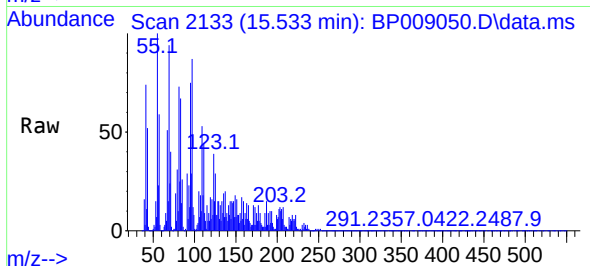




#61
4-Chlorophenyl-phenylether
Concen: 2.112 ng
RT: 15.533 min Scan# 2102
Delta R.T. 0.041 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

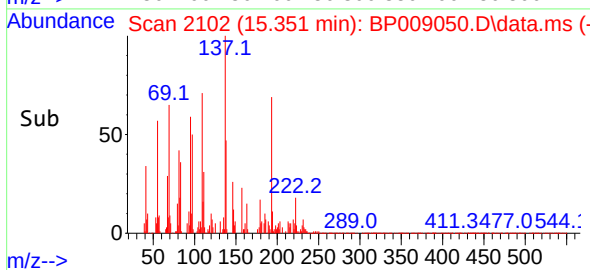
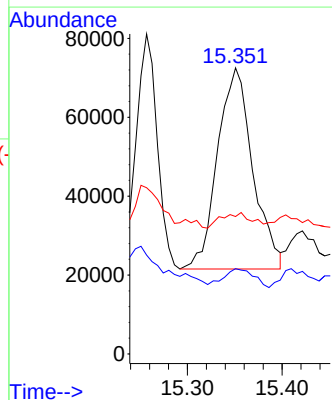
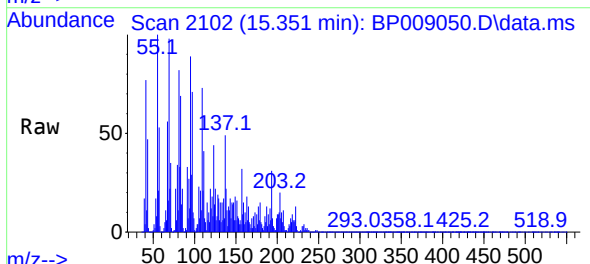
Instrument :
BNA_P
ClientSampleId :
DB-06(15-20)-02-01-22

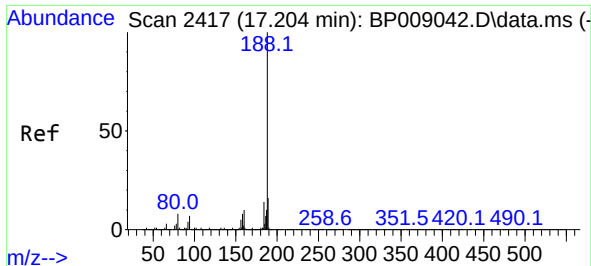
Tgt Ion:204 Resp: 49880
Ion Ratio Lower Upper
204 100
206 58.3 26.3 39.5#
141 131.9 39.1 58.7#



#62
4-Nitroaniline
Concen: 13.775 ng
RT: 15.351 min Scan# 2102
Delta R.T. -0.183 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

Tgt Ion:138 Resp: 132069
Ion Ratio Lower Upper
138 100
92 29.8 24.3 64.3
108 48.1 44.8 84.8

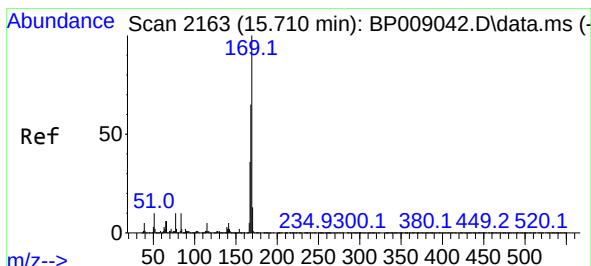
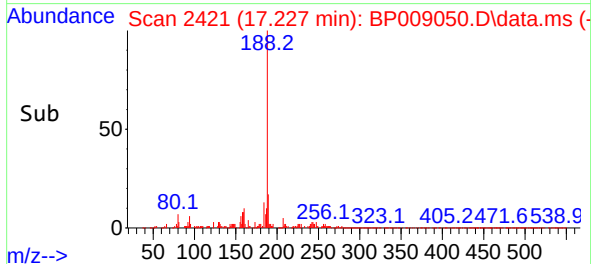
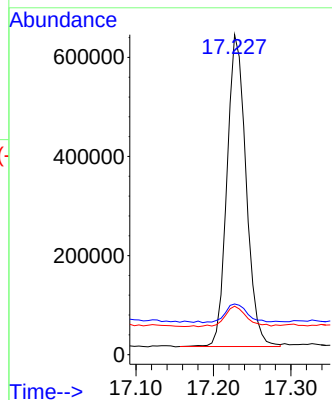
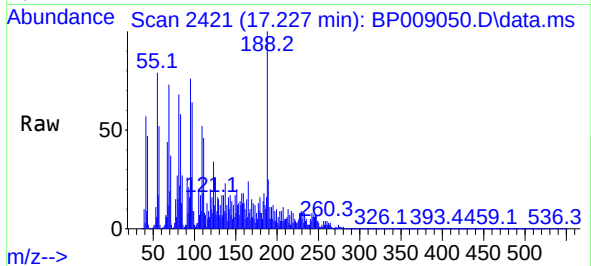




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2417
Delta R.T. 0.023 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

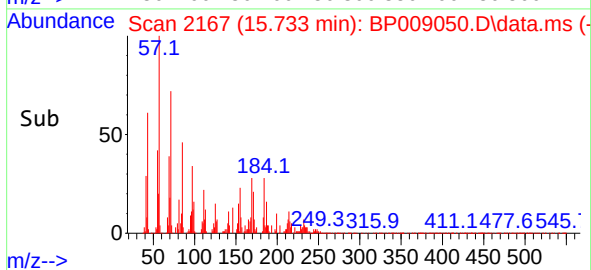
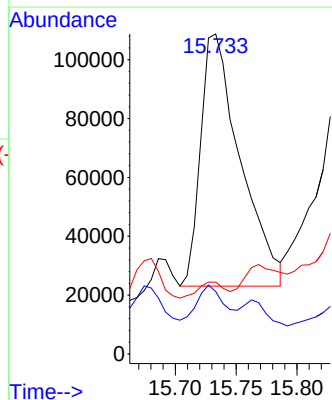
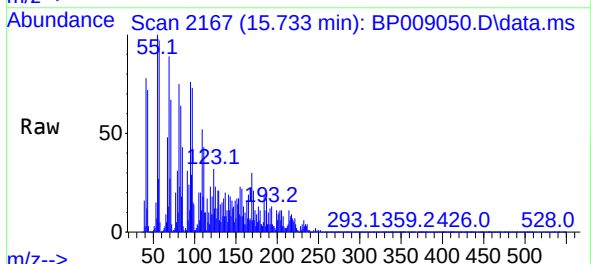
Instrument :
BNA_P
ClientSampleId :
DB-06(15-20)-02-01-22

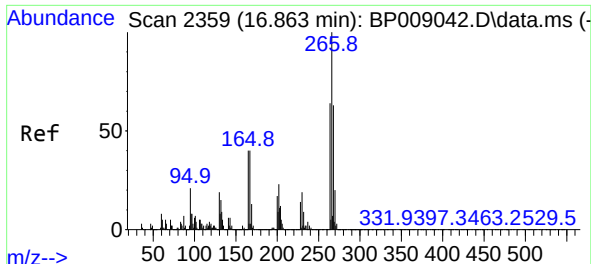
Tgt Ion:188 Resp: 1077513
Ion Ratio Lower Upper
188 100
94 15.9 6.8 10.2#
80 15.1 7.2 10.8#



#66
n-Nitrosodiphenylamine
Concen: 5.944 ng
RT: 15.733 min Scan# 2167
Delta R.T. 0.023 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

Tgt Ion:169 Resp: 194241
Ion Ratio Lower Upper
169 100
168 19.5 53.3 79.9#
167 22.4 29.0 43.6#

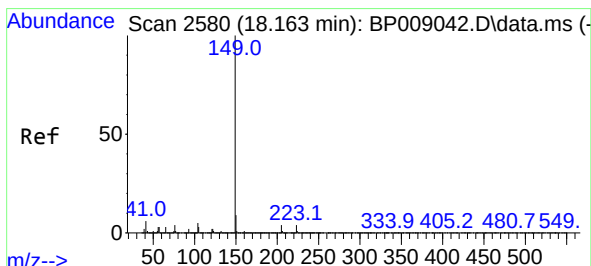
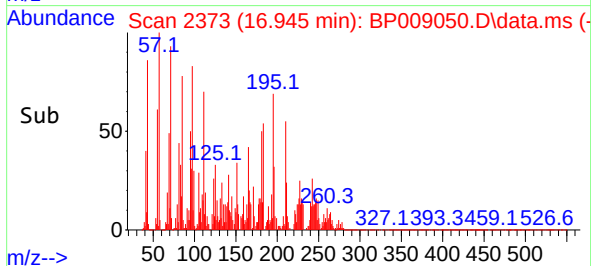
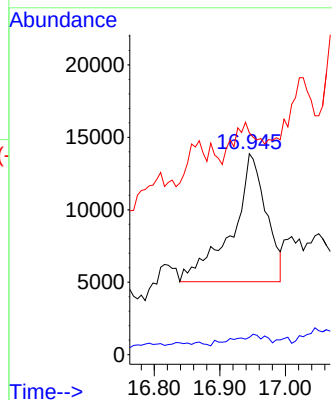
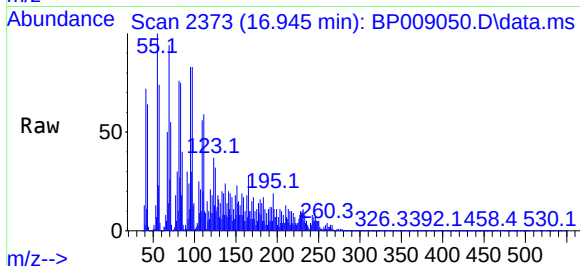




#70
Pentachlorophenol
Concen: 4.354 ng
RT: 16.945 min Scan# 21
Delta R.T. 0.082 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

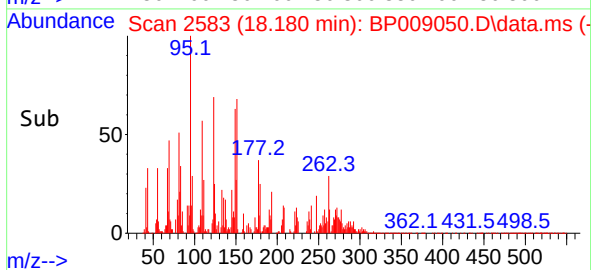
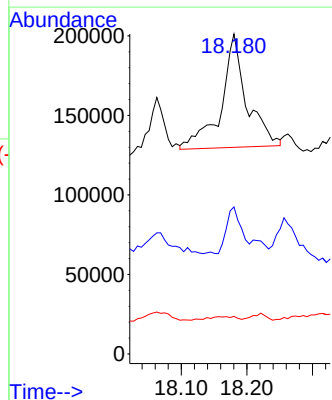
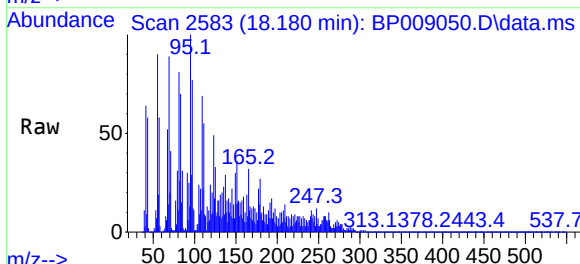
Instrument :
BNA_P
ClientSampleId :
DB-06(15-20)-02-01-22

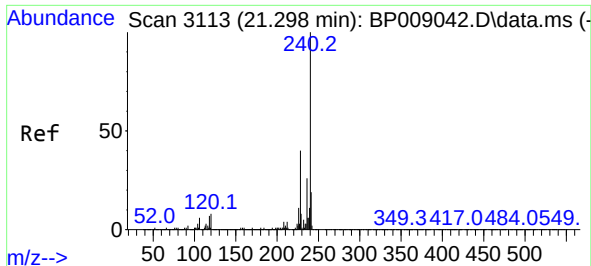
Tgt Ion:266 Resp: 32064
Ion Ratio Lower Upper
266 100
268 8.6 50.9 76.3#
264 110.5 50.3 75.5#



#74
Di-n-butylphthalate
Concen: 3.475 ng
RT: 18.180 min Scan# 2583
Delta R.T. 0.017 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

Tgt Ion:149 Resp: 192657
Ion Ratio Lower Upper
149 100
150 46.0 7.9 11.9#
104 11.8 3.7 5.5#

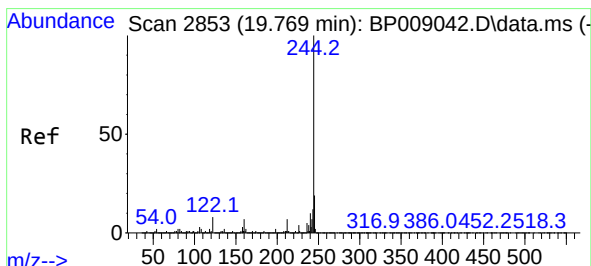
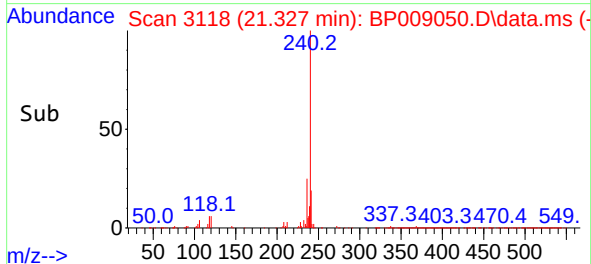
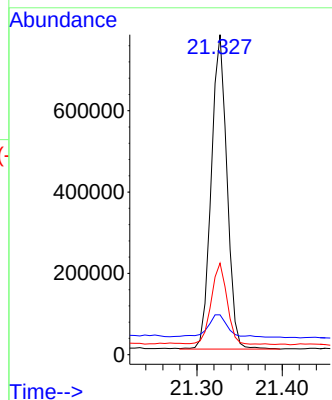
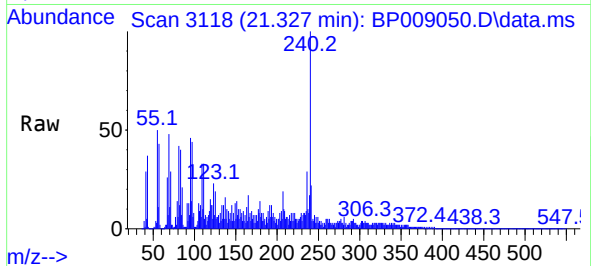




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3113
Delta R.T. 0.029 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

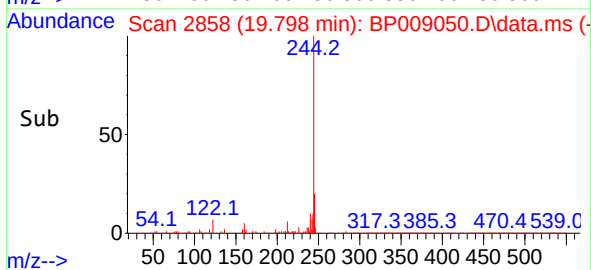
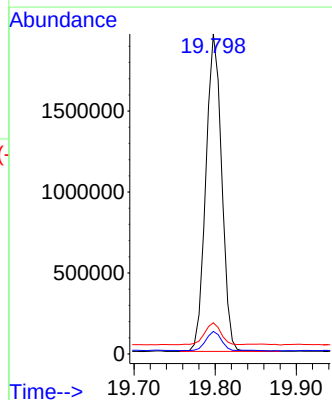
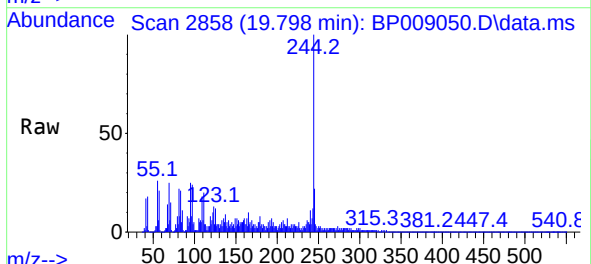
Instrument :
BNA_P
ClientSampleId :
DB-06(15-20)-02-01-22

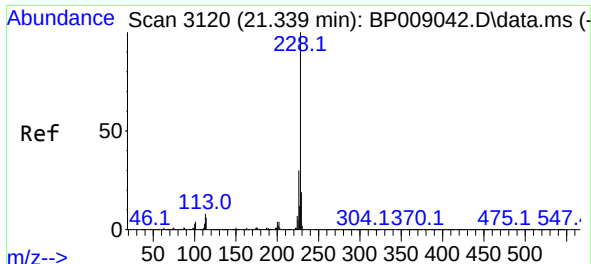
Tgt Ion:240 Resp: 991226
Ion Ratio Lower Upper
240 100
120 12.5 7.7 11.5#
236 28.6 21.2 31.8



#79
Terphenyl-d14
Concen: 48.075 ng
RT: 19.798 min Scan# 2858
Delta R.T. 0.029 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

Tgt Ion:244 Resp: 2649850
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 9.8 9.2 13.8

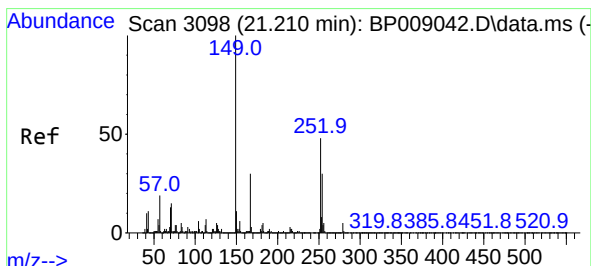
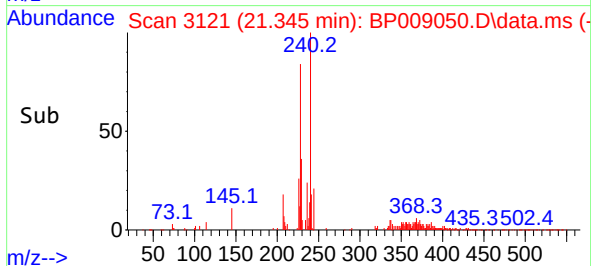
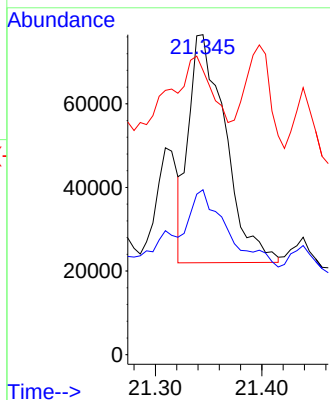
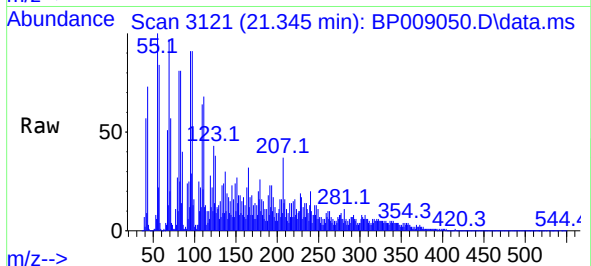




#83
Chrysene
Concen: 2.115 ng
RT: 21.345 min Scan# 3120
Delta R.T. 0.006 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

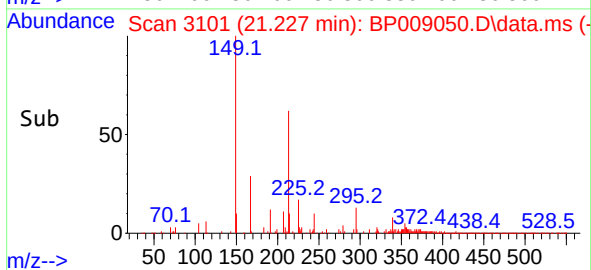
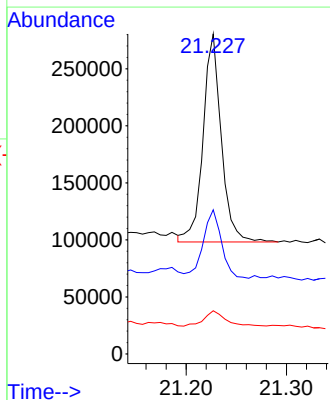
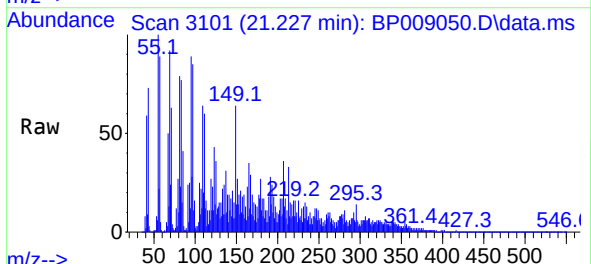
Instrument :
BNA_P
ClientSampleId :
DB-06(15-20)-02-01-22

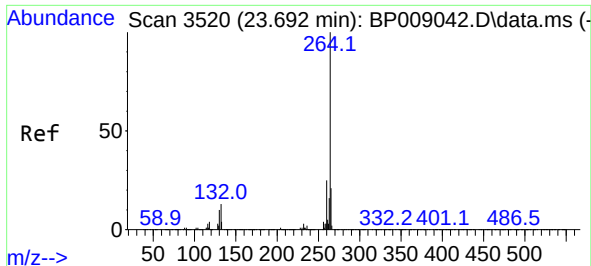
Tgt Ion:228 Resp: 130257
Ion Ratio Lower Upper
228 100
226 51.5 26.0 39.0#
229 88.9 16.9 25.3#



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.199 ng
RT: 21.227 min Scan# 3101
Delta R.T. 0.017 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

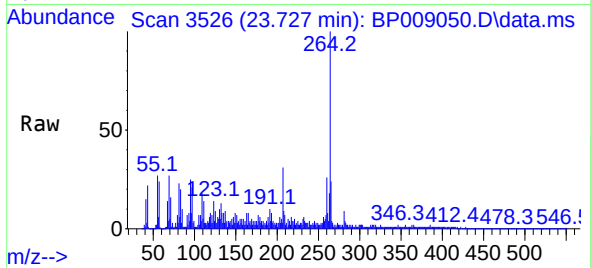
Tgt Ion:149 Resp: 230870
Ion Ratio Lower Upper
149 100
167 45.0 25.0 37.4#
279 13.5 4.8 7.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 31
Delta R.T. 0.035 min
Lab File: BP009050.D
Acq: 07 Feb 2022 17:03

Instrument :
BNA_P
ClientSampleId :
DB-06(15-20)-02-01-22



Tgt Ion:264 Resp: 1162871

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.1	28.7
265	23.6	17.1	25.7

