

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
 Data File : BP005383.D
 Acq On : 22 Apr 2021 19:22
 Operator : CG/JU
 Sample : M2110-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-5

Quant Time: Apr 23 01:50:50 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 21 17:40:15 2021
 Response via : Initial Calibration

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

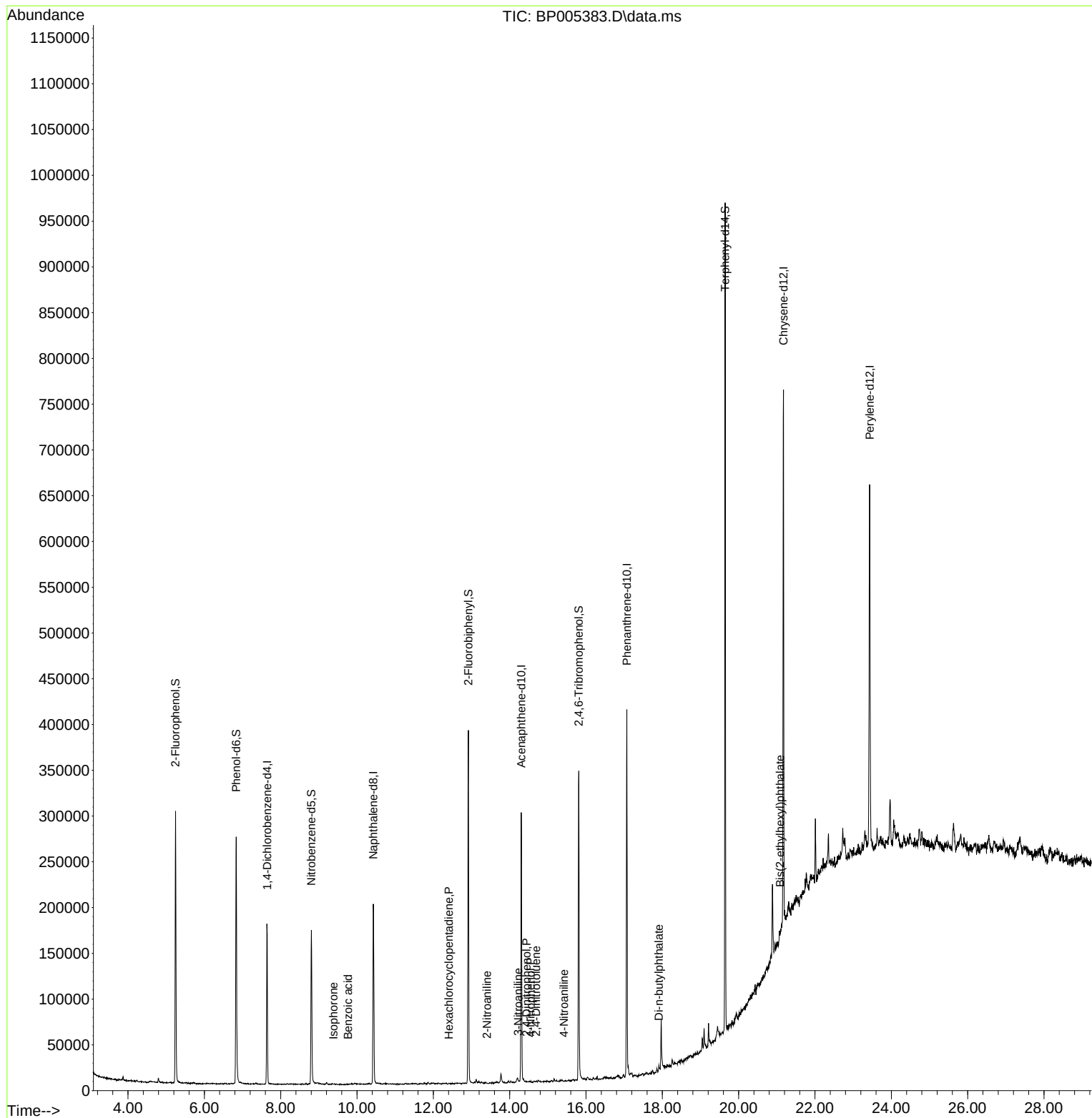
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	34488	20.00	ng	0.00
21) Naphthalene-d8	10.428	136	121923	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	84425	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	205888	20.00	ng	0.00
76) Chrysene-d12	21.174	240	259231	20.00	ng	0.00
86) Perylene-d12	23.433	264	272721	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	86765	43.70	ng	0.00
7) Phenol-d6	6.834	99	114254	41.77	ng	0.00
23) Nitrobenzene-d5	8.805	82	96589	34.46	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	51913	32.15	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	164328	25.20	ng	0.00
79) Terphenyl-d14	19.645	244	334610	23.92	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.381	82	60	2.96	ng	# 1
32) Benzoic acid	9.763	122	30	7.76	ng	# 1
41) Hexachlorocyclopentadiene	12.404	237	2	6.96	ng	81
48) 2-Nitroaniline	13.404	65	12	5.45	ng	# 27
53) 3-Nitroaniline	14.222	138	18	2.67	ng	# 42
54) 2,4-Dinitrophenol	14.440	184	15	7.53	ng	# 1
56) 4-Nitrophenol	14.551	139	18	5.31	ng	# 21
57) 2,4-Dinitrotoluene	14.692	165	16	3.12	ng	# 1
62) 4-Nitroaniline	15.422	138	16	3.83	ng	# 56
74) Di-n-butylphthalate	17.910	149	204	3.96	ng	97
84) Bis(2-ethylhexyl)phtha...	21.086	149	1185	3.17	ng	# 63

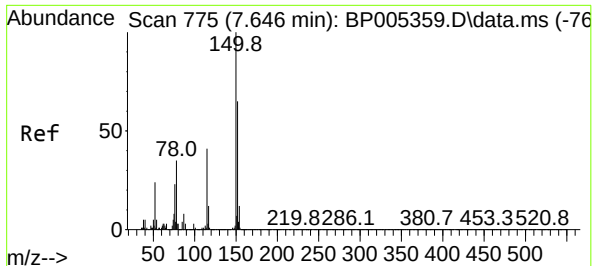
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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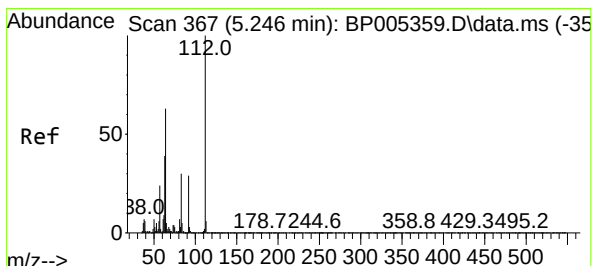
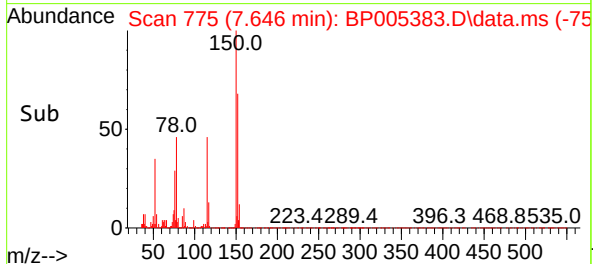
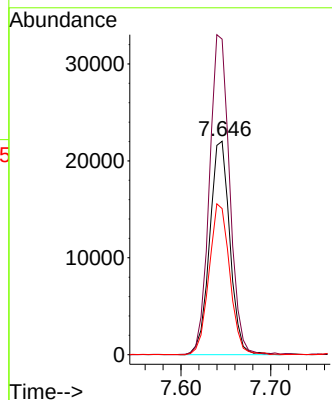
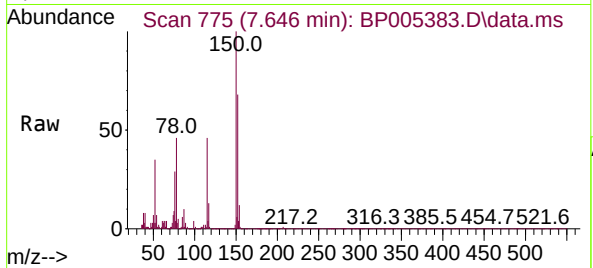




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.646 min Scan# 775
Delta R.T. -0.000 min
Lab File: BP005383.D
Acq: 22 Apr 2021 19:22

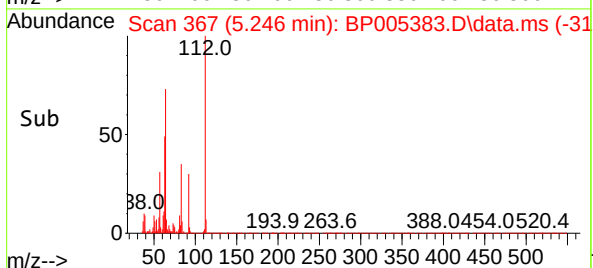
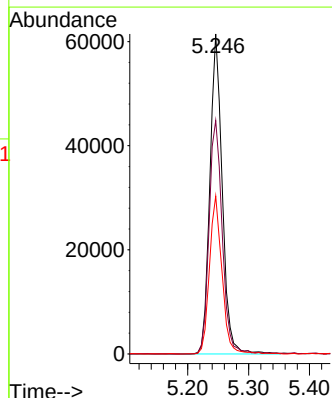
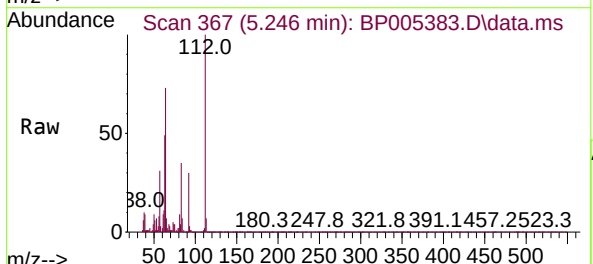
Instrument :
BNA_P
ClientSampleId :
S-5

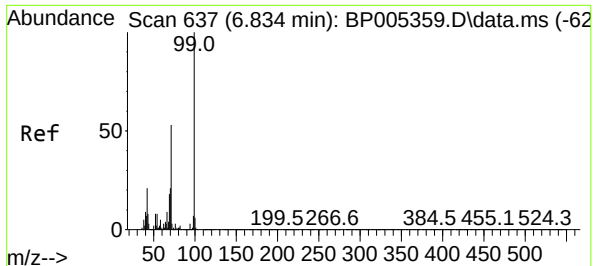
Tgt Ion:152 Resp: 34488
Ion Ratio Lower Upper
152 100
150 147.8 119.8 179.8
115 68.4 49.0 73.4



#5
2-Fluorophenol
Concen: 43.70 ng
RT: 5.246 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP005383.D
Acq: 22 Apr 2021 19:22

Tgt Ion:112 Resp: 86765
Ion Ratio Lower Upper
112 100
64 72.9 33.6 50.4#
63 49.4 18.6 27.8#

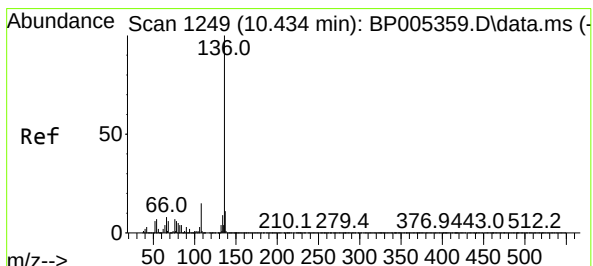
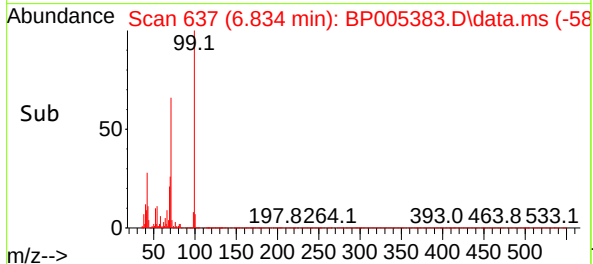
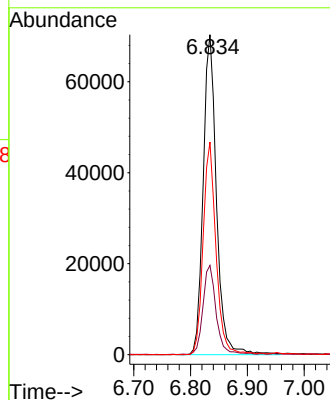
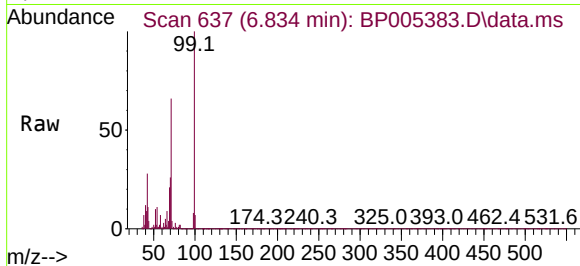




#7
Phenol-d6
Concen: 41.77 ng
RT: 6.834 min Scan# 637
Delta R.T. -0.000 min
Lab File: BP005383.D
Acq: 22 Apr 2021 19:22

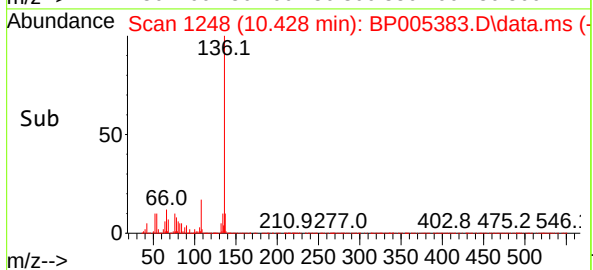
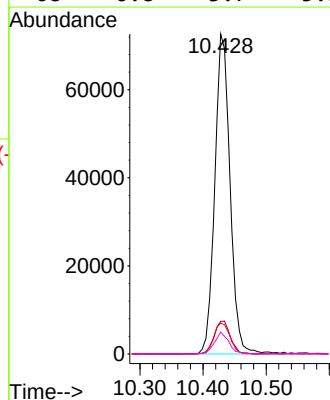
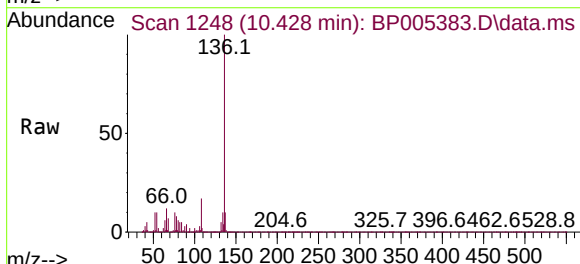
Instrument :
BNA_P
ClientSampled :
S-5

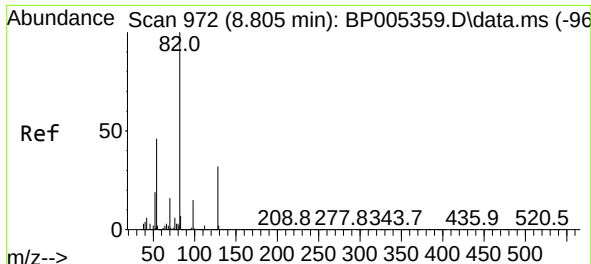
Tgt Ion: 99 Resp: 114254
Ion Ratio Lower Upper
99 100
42 27.9 12.9 19.3#
71 66.4 26.7 40.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP005383.D
Acq: 22 Apr 2021 19:22

Tgt Ion: 136 Resp: 121923
Ion Ratio Lower Upper
136 100
137 10.2 8.9 13.3
54 9.6 5.0 7.4#
68 6.8 3.7 5.5#

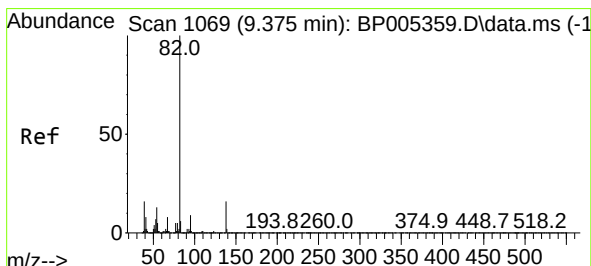
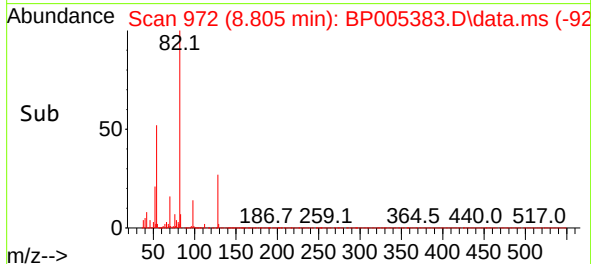
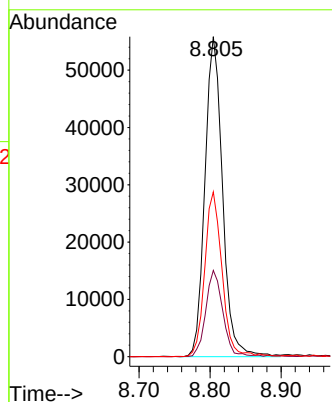
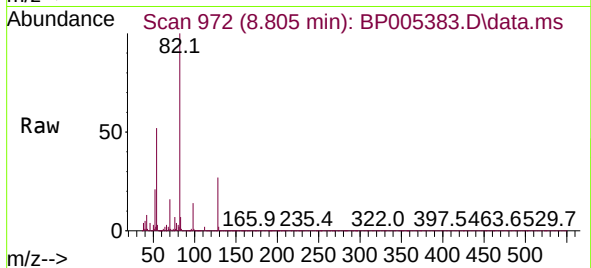




#23
Nitrobenzene-d5
Concen: 34.46 ng
RT: 8.805 min Scan# 972
Delta R.T. -0.000 min
Lab File: BP005383.D
Acq: 22 Apr 2021 19:22

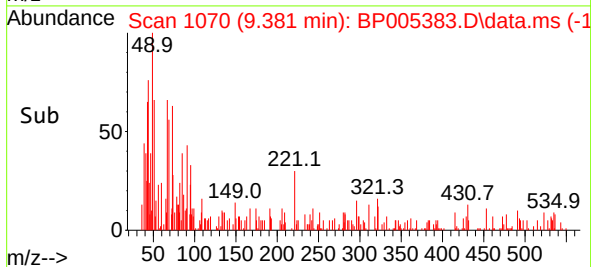
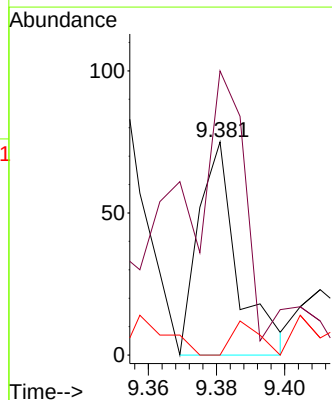
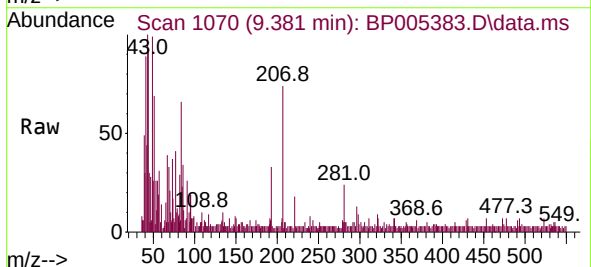
Instrument :
BNA_P
ClientSampleId :
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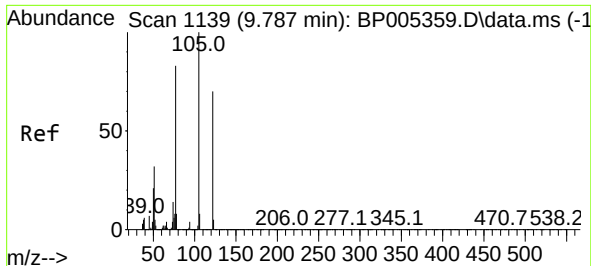
Tgt Ion: 82 Resp: 96589
Ion Ratio Lower Upper
82 100
128 26.9 30.5 45.7#
54 51.5 33.9 50.9#



#25
Isophorone
Concen: 2.96 ng
RT: 9.381 min Scan# 1070
Delta R.T. 0.006 min
Lab File: BP005383.D
Acq: 22 Apr 2021 19:22

Tgt Ion: 82 Resp: 60
Ion Ratio Lower Upper
82 100
95 133.3 7.5 11.3#
138 0.0 14.6 22.0#

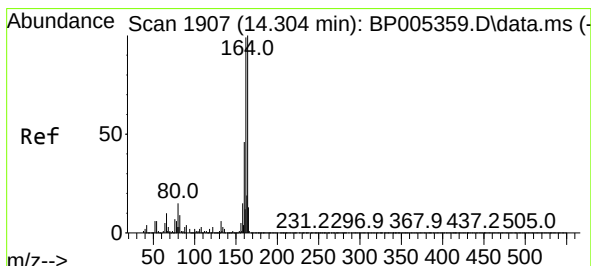
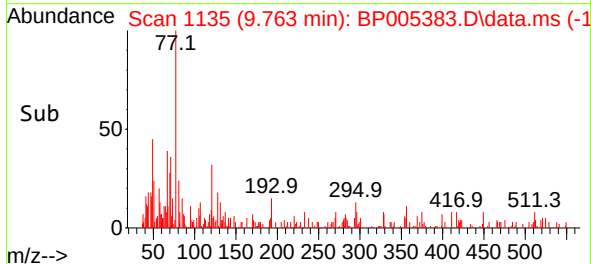
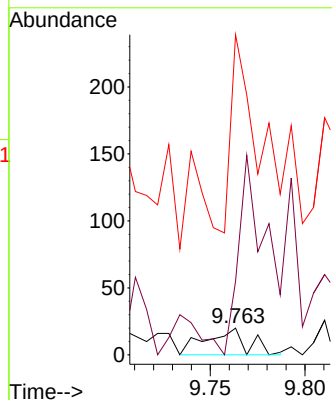
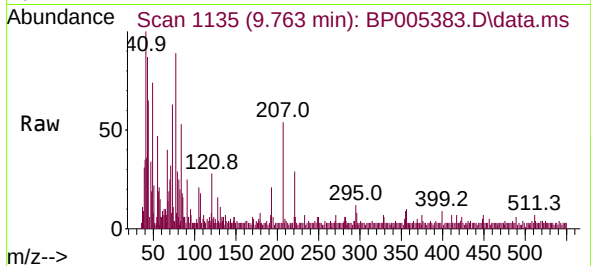




#32
Benzoic acid
Concen: 7.76 ng
RT: 9.763 min Scan# 1135
Delta R.T. -0.024 min
Lab File: BP005383.D
Acq: 22 Apr 2021 19:22

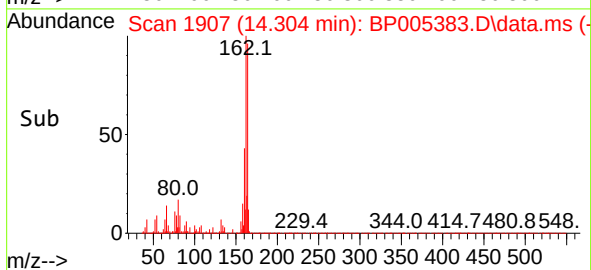
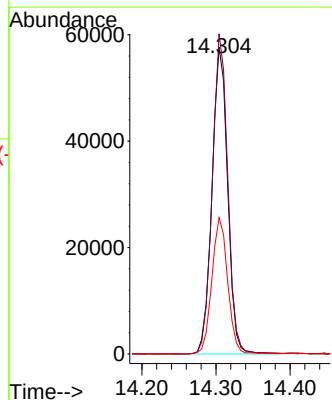
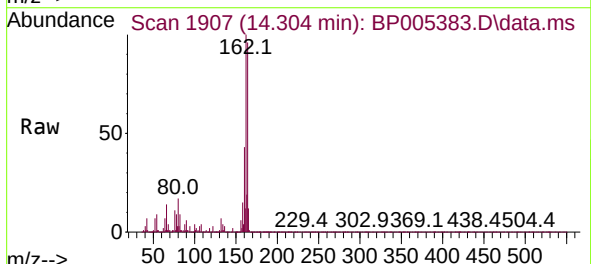
Instrument :
BNA_P
ClientSampled :
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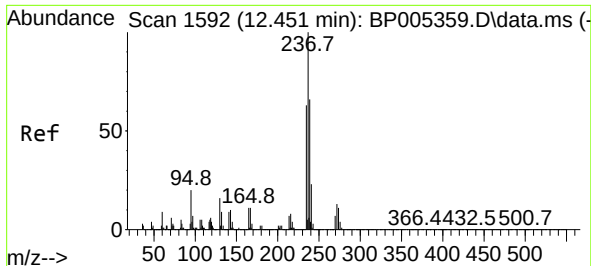
Tgt Ion:122 Resp: 30
Ion Ratio Lower Upper
122 100
105 275.0 105.1 145.1#
77 1195.0 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005383.D
Acq: 22 Apr 2021 19:22

Tgt Ion:164 Resp: 84425
Ion Ratio Lower Upper
164 100
162 104.3 73.5 110.3
160 44.4 40.6 61.0

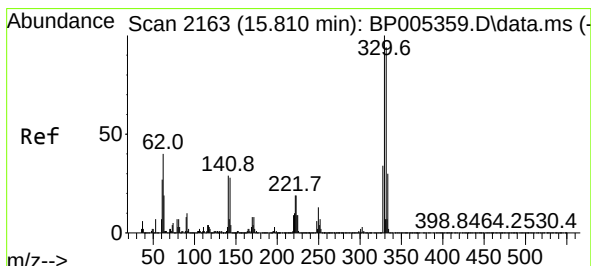
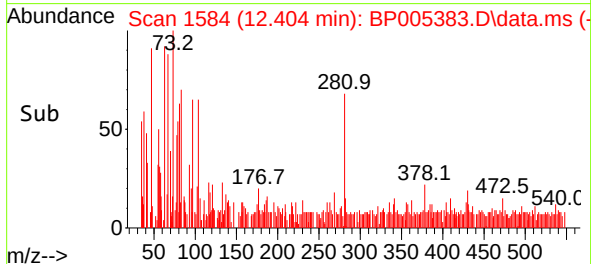
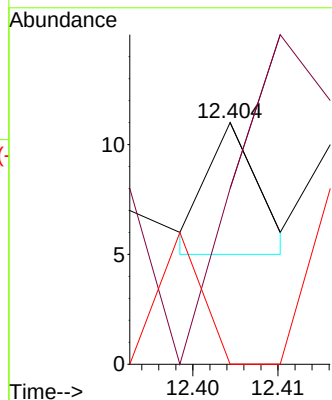
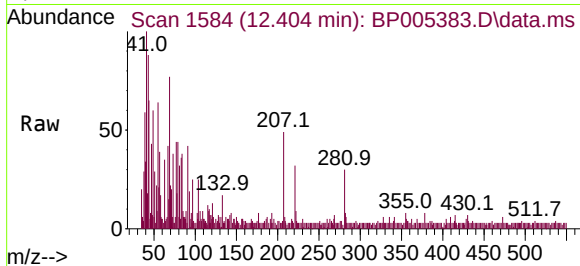




#41
Hexachlorocyclopentadiene
Concen: 6.96 ng
RT: 12.404 min Scan# 1584
Delta R.T. -0.047 min
Lab File: BP005383.D
Acq: 22 Apr 2021 19:22

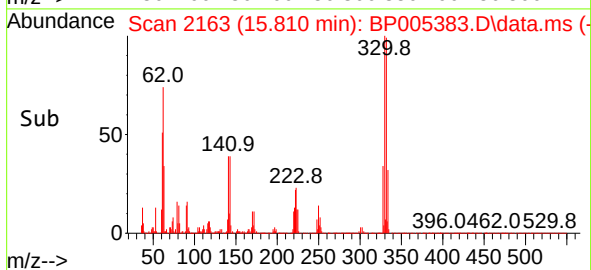
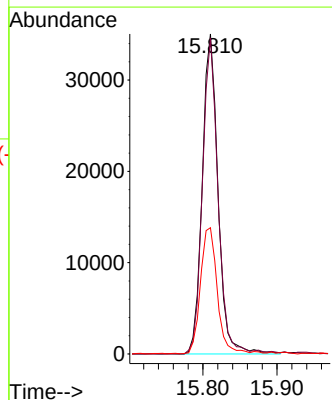
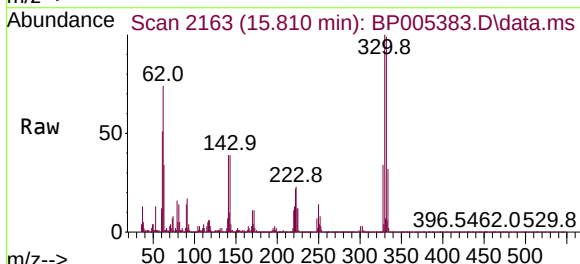
Instrument :
BNA_P
ClientSampled :
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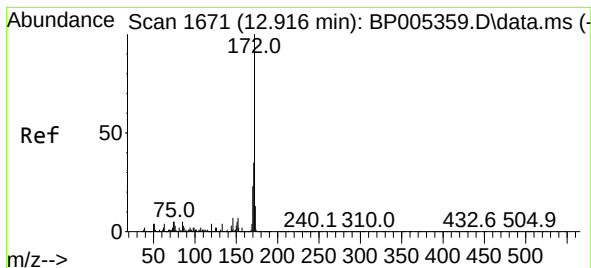
Tgt Ion:	237	Resp:	2
Ion	Ratio	Lower	Upper
237	100		
235	72.7	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 32.15 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP005383.D
Acq: 22 Apr 2021 19:22

Tgt Ion:	330	Resp:	51913
Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.3	114.5
141	41.6	22.8	34.2#

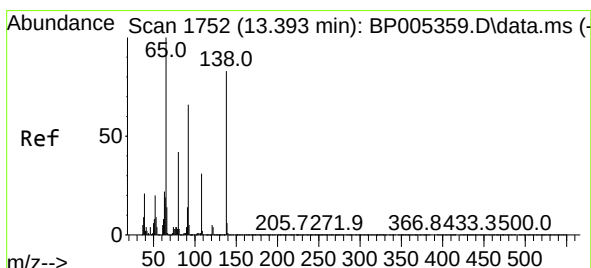
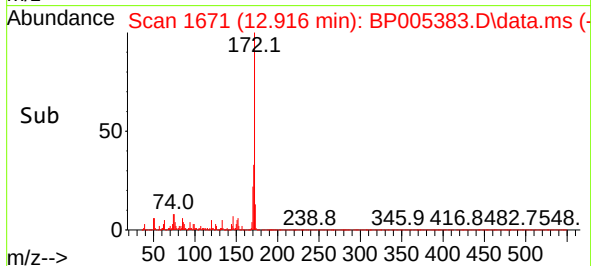
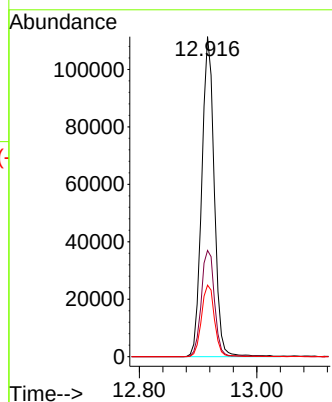
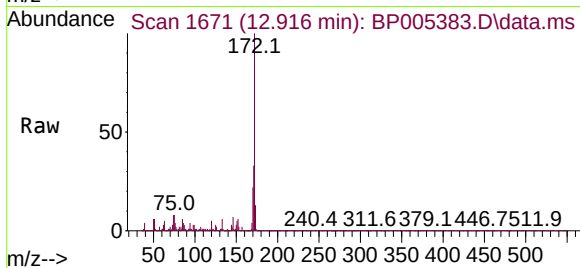




#45
2-Fluorobiphenyl
Concen: 25.20 ng
RT: 12.916 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BP005383.D
Acq: 22 Apr 2021 19:22

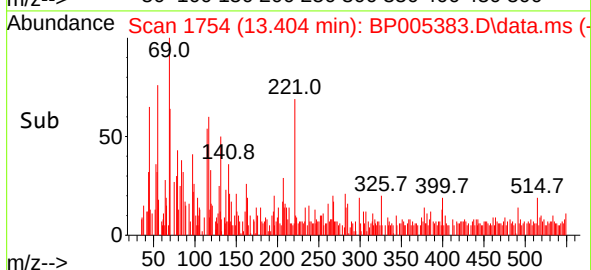
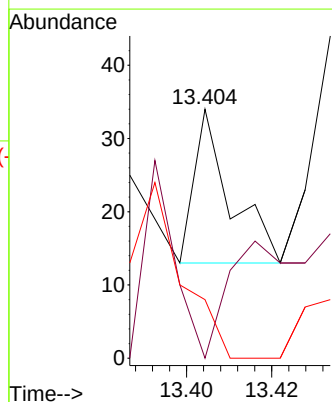
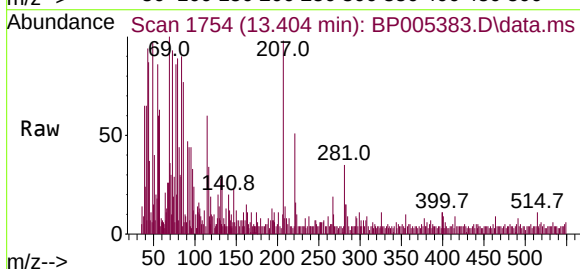
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BNA_P
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S-5

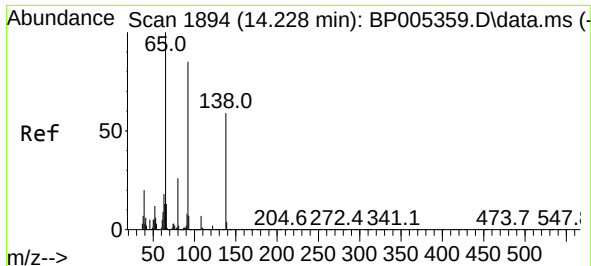
Tgt Ion:	172	Resp:	164328
Ion Ratio	Lower	Upper	
172	100		
171	33.2	28.1	42.1
170	22.4	19.6	29.4



#48
2-Nitroaniline
Concen: 5.45 ng
RT: 13.404 min Scan# 1754
Delta R.T. 0.011 min
Lab File: BP005383.D
Acq: 22 Apr 2021 19:22

Tgt Ion:	65	Resp:	12
Ion Ratio	Lower	Upper	
65	100		
92	0.0	48.8	73.2#
138	23.5	69.5	104.3#

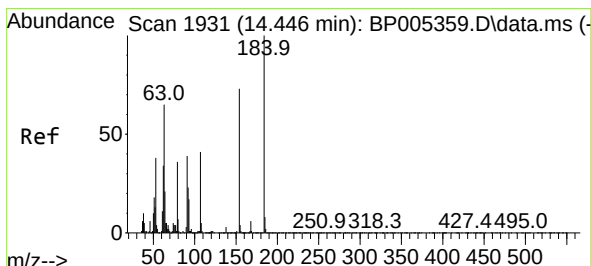
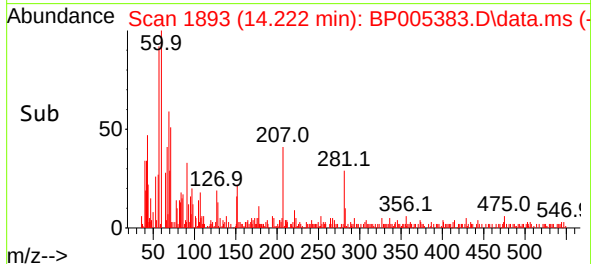
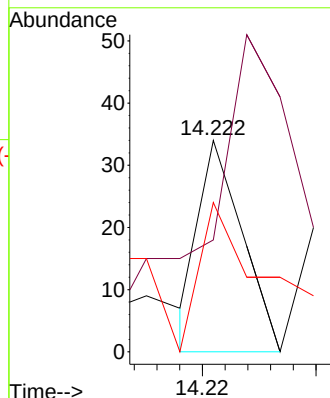
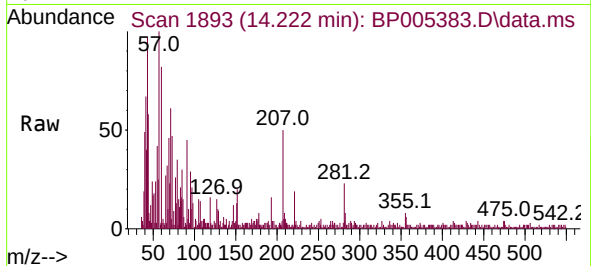




#53
3-Nitroaniline
Concen: 2.67 ng
RT: 14.222 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BP005383.D
Acq: 22 Apr 2021 19:22

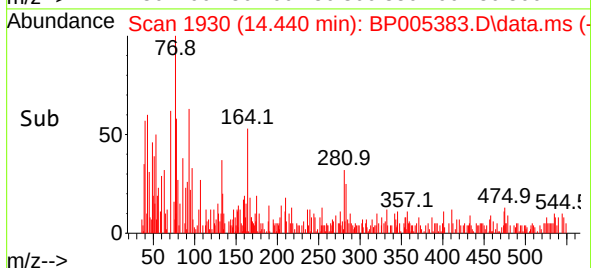
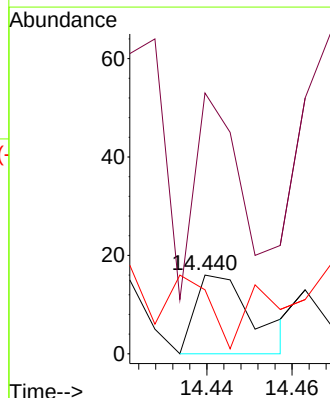
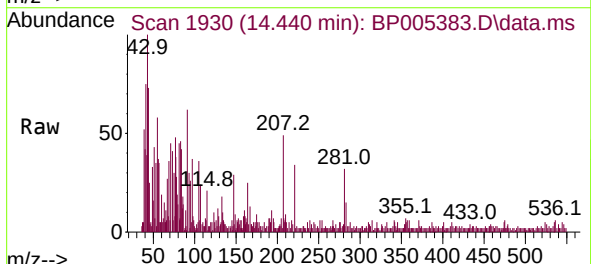
Instrument :
BNA_P
ClientSampled :
S-5

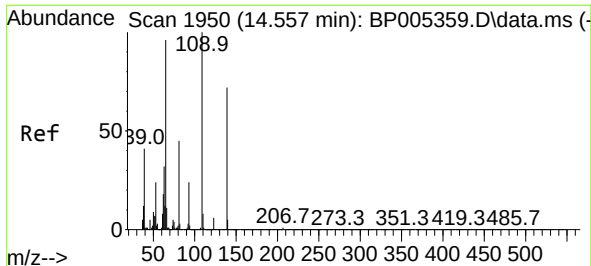
Tgt Ion:138 Resp: 18
Ion Ratio Lower Upper
138 100
108 52.9 10.2 15.4#
92 70.6 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 7.53 ng
RT: 14.440 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP005383.D
Acq: 22 Apr 2021 19:22

Tgt Ion:184 Resp: 15
Ion Ratio Lower Upper
184 100
63 331.3 51.2 76.8#
154 81.3 55.8 83.8

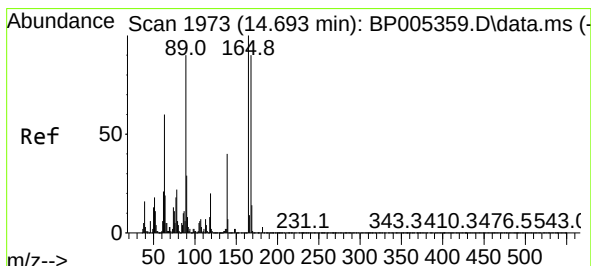
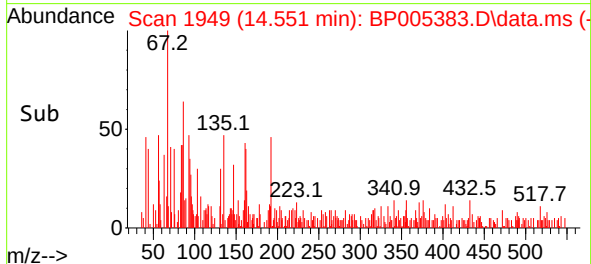
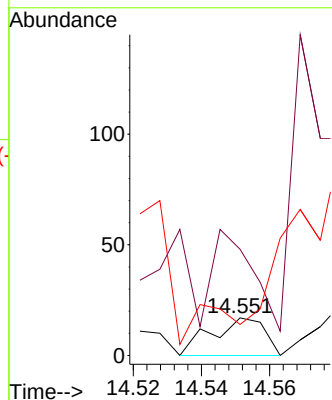
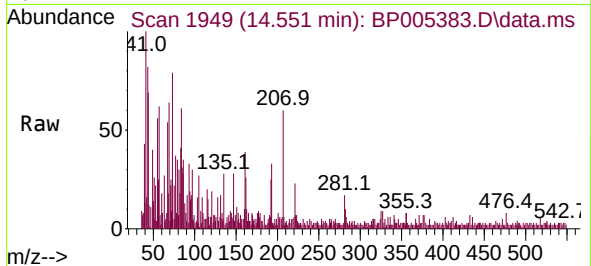




#56
4-Nitrophenol
Concen: 5.31 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP005383.D
Acq: 22 Apr 2021 19:22

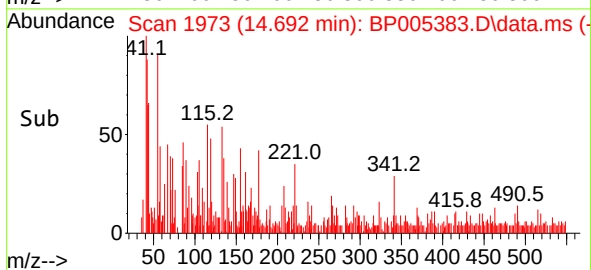
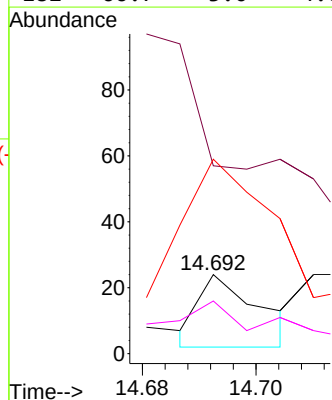
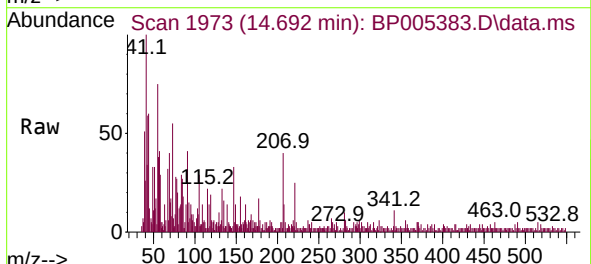
Instrument :
BNA_P
ClientSampleId :
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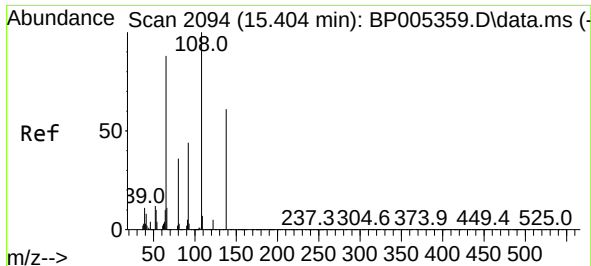
Tgt Ion:139 Resp: 18
Ion Ratio Lower Upper
139 100
109 282.4 122.8 162.8#
65 82.4 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 3.12 ng
RT: 14.692 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BP005383.D
Acq: 22 Apr 2021 19:22

Tgt Ion:165 Resp: 16
Ion Ratio Lower Upper
165 100
63 237.5 56.7 85.1#
89 245.8 85.8 128.6#
182 66.7 3.0 4.6#

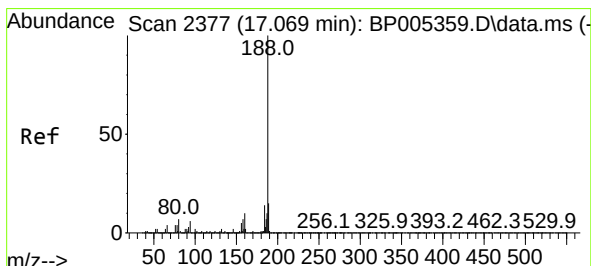
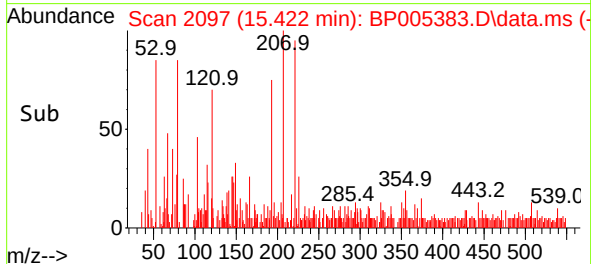
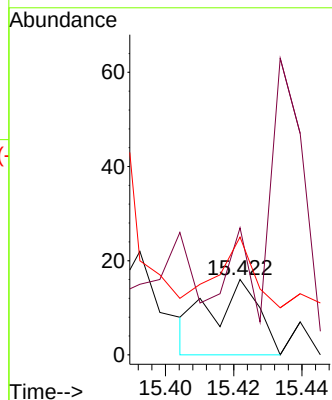
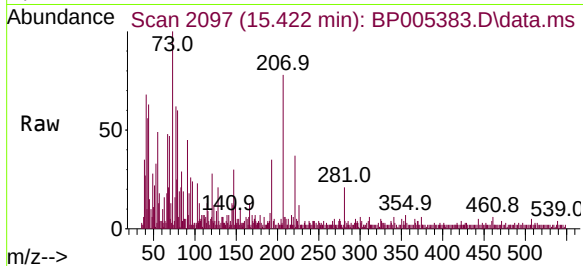




#62
4-Nitroaniline
Concen: 3.83 ng
RT: 15.422 min Scan# 2097
Delta R.T. 0.018 min
Lab File: BP005383.D
Acq: 22 Apr 2021 19:22

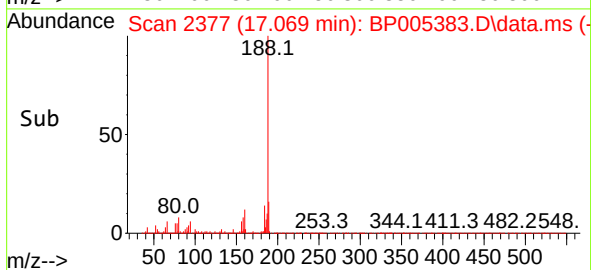
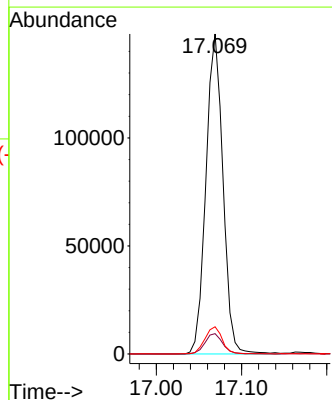
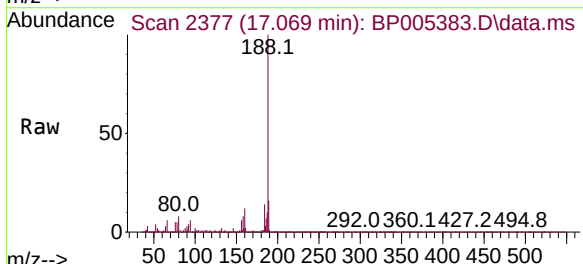
Instrument :
BNA_P
ClientSampled :
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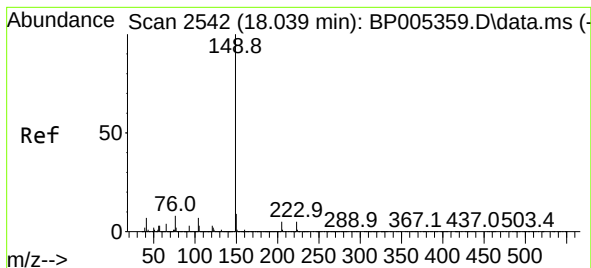
Tgt Ion:138 Resp: 16
Ion Ratio Lower Upper
138 100
92 168.8 50.9 90.9#
108 156.3 154.7 194.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005383.D
Acq: 22 Apr 2021 19:22

Tgt Ion:188 Resp: 205888
Ion Ratio Lower Upper
188 100
94 6.3 5.0 7.6
80 8.5 5.9 8.9





#74

Di-n-butylphthalate

Concen: 3.96 ng

RT: 17.910 min Scan# 2520

Delta R.T. -0.129 min

Lab File: BP005383.D

Acq: 22 Apr 2021 19:22

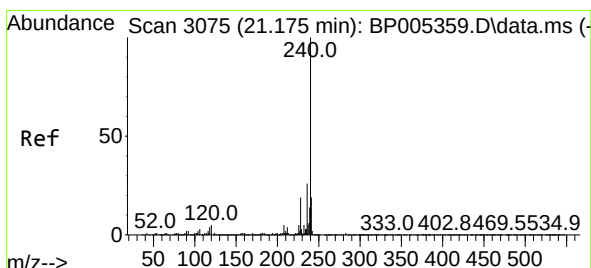
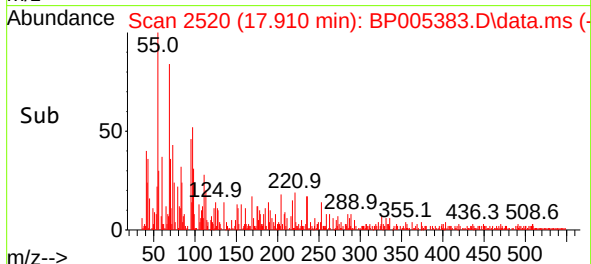
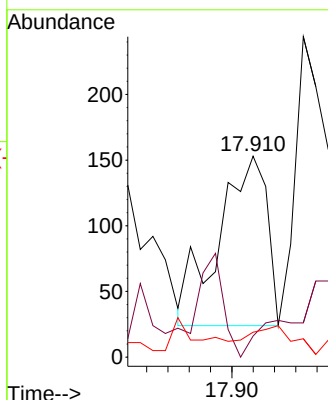
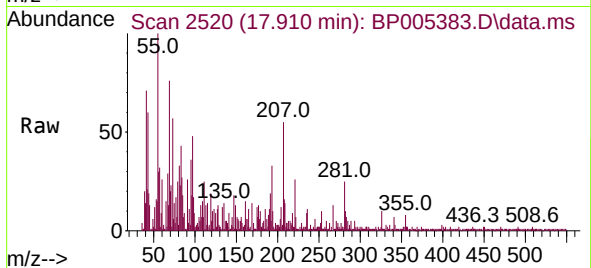
Instrument :

BNA_P

ClientSampled :

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Tgt Ion:	149	Resp:	204
Ion Ratio	Lower	Upper	
149	100		
150	10.5	7.6	11.4
104	12.4	8.9	13.3



#76

Chrysene-d12

Concen: 20.00 ng

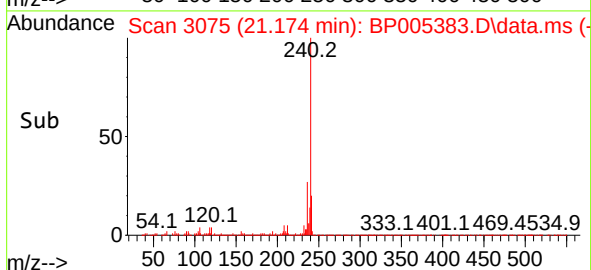
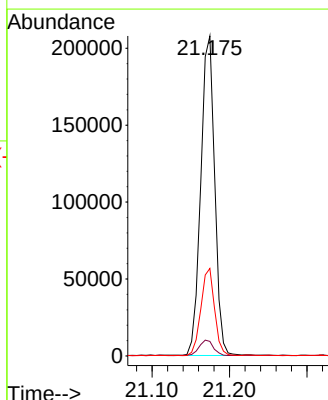
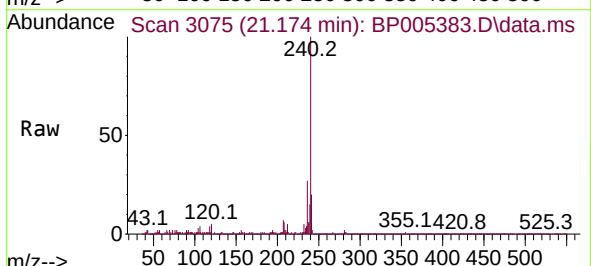
RT: 21.174 min Scan# 3075

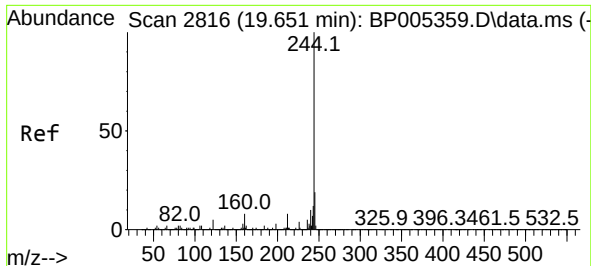
Delta R.T. -0.001 min

Lab File: BP005383.D

Acq: 22 Apr 2021 19:22

Tgt Ion:	240	Resp:	259231
Ion Ratio	Lower	Upper	
240	100		
120	4.6	4.2	6.2
236	27.4	20.2	30.2

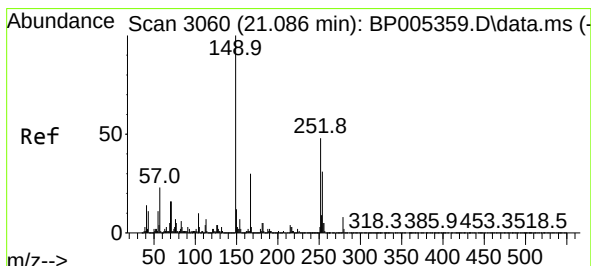
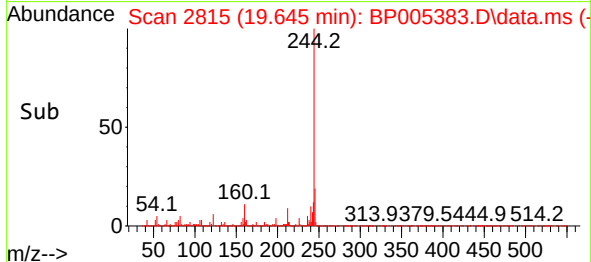
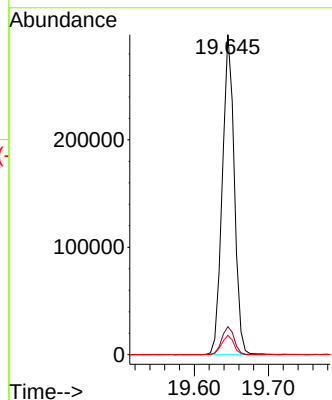
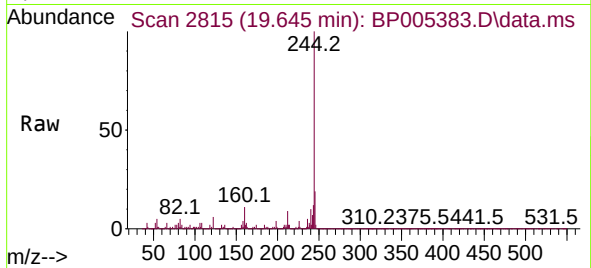




#79
 Terphenyl-d14
 Concen: 23.92 ng
 RT: 19.645 min Scan# 2815
 Delta R.T. -0.006 min
 Lab File: BP005383.D
 Acq: 22 Apr 2021 19:22

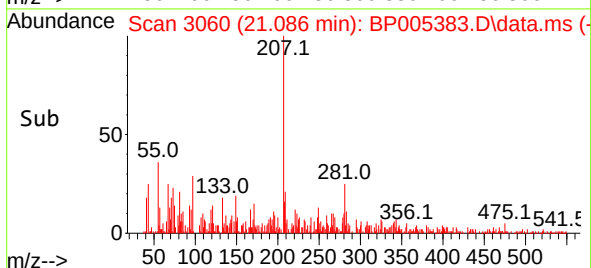
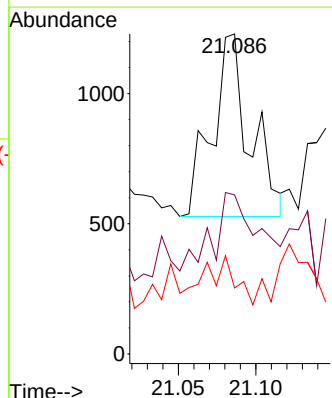
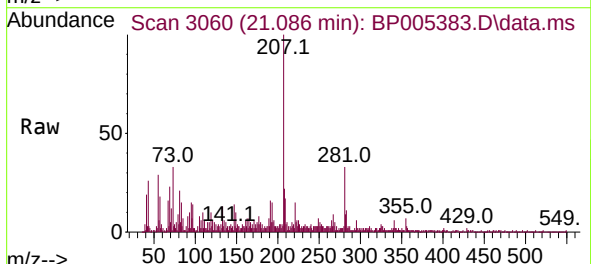
Instrument :
 BNA_P
 ClientSampled :
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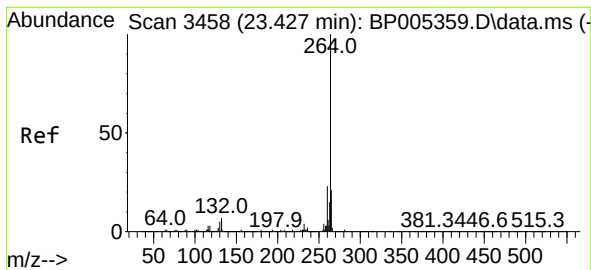
Tgt Ion:244 Resp: 334610
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.8 8.6#
 122 6.0 5.2 7.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.17 ng
 RT: 21.086 min Scan# 3060
 Delta R.T. 0.000 min
 Lab File: BP005383.D
 Acq: 22 Apr 2021 19:22

Tgt Ion:149 Resp: 1185
 Ion Ratio Lower Upper
 149 100
 167 49.7 23.8 35.8#
 279 20.6 5.7 8.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.433 min Scan# 3459
 Delta R.T. 0.006 min
 Lab File: BP005383.D
 Acq: 22 Apr 2021 19:22

Instrument :
 BNA_P
 ClientSampleId :
 S-5

Tgt Ion:	264	Resp:	272721
Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.6	30.8
265	22.0	19.0	28.6

