

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
 Data File : BP005385.D
 Acq On : 22 Apr 2021 20:30
 Operator : CG/JU
 Sample : M2098-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-04-042021

Quant Time: Apr 23 01:51:21 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)

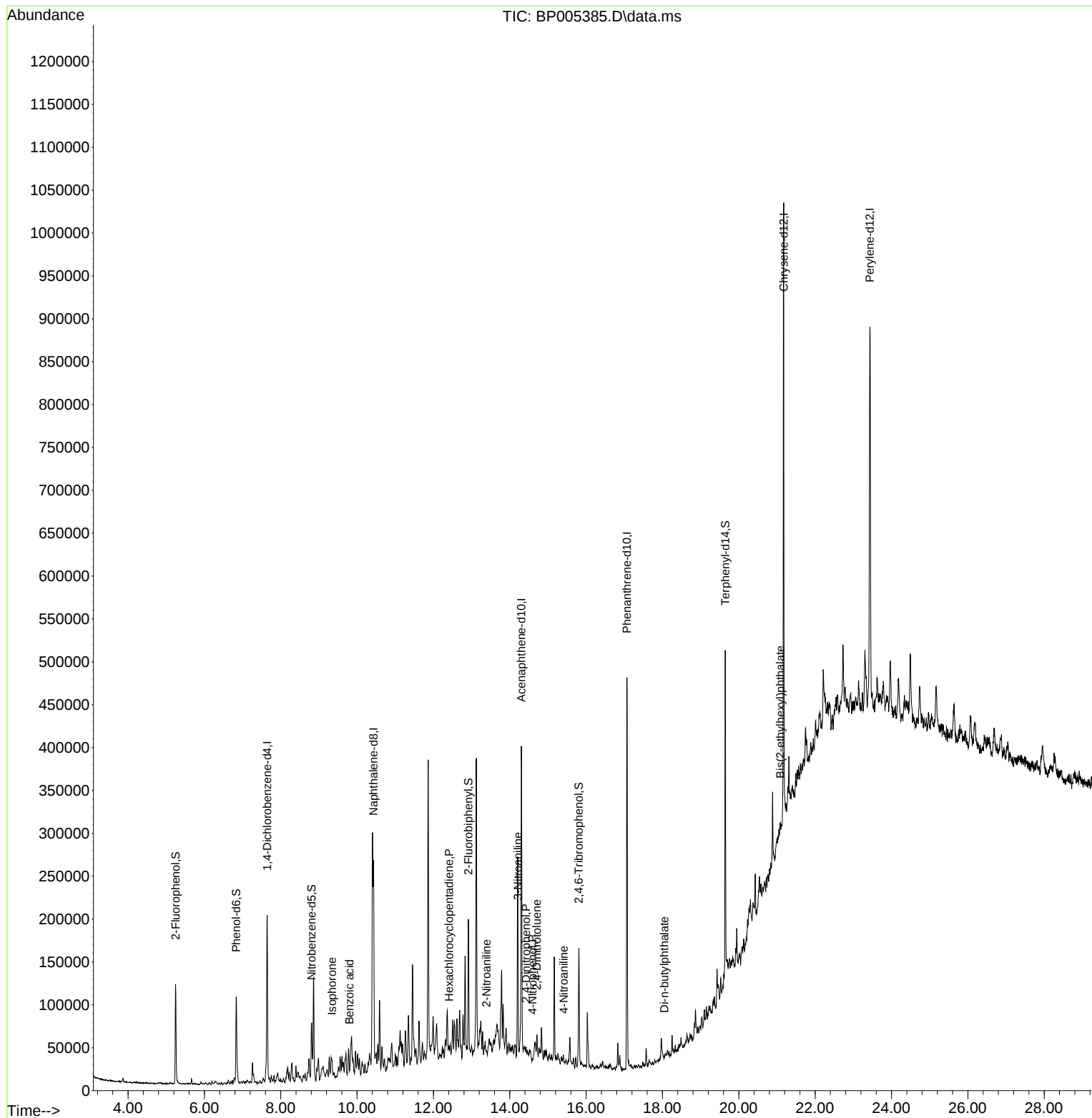
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	37978	20.00	ng	# 0.00
21) Naphthalene-d8	10.428	136	140893	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	95165	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	232991	20.00	ng	0.00
76) Chrysene-d12	21.175	240	301514	20.00	ng	0.00
86) Perylene-d12	23.433	264	318741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	34717	15.88	ng	0.00
7) Phenol-d6	6.834	99	44987	14.93	ng	0.00
23) Nitrobenzene-d5	8.805	82	37973	11.72	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	20645	11.34	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	67210	9.14	ng	0.00
79) Terphenyl-d14	19.645	244	141809	8.72	ng	0.00
Target Compounds						Qvalue
25) Isophorone	9.346	82	2089	3.27	ng	# 1
32) Benzoic acid	9.799	122	18	7.75	ng	# 1
41) Hexachlorocyclopentadiene	12.410	237	10	6.97	ng	90
48) 2-Nitroaniline	13.387	65	392	5.63	ng	# 35
53) 3-Nitroaniline	14.216	138	243	2.82	ng	80
54) 2,4-Dinitrophenol	14.428	184	15	7.53	ng	# 1
56) 4-Nitrophenol	14.593	139	135	5.41	ng	89
57) 2,4-Dinitrotoluene	14.710	165	155	3.17	ng	# 43
62) 4-Nitroaniline	15.410	138	53	3.85	ng	# 1
74) Di-n-butylphthalate	18.051	149	348	3.97	ng	# 78
84) Bis(2-ethylhexyl)phtha...	21.086	149	1993	3.25	ng	# 56

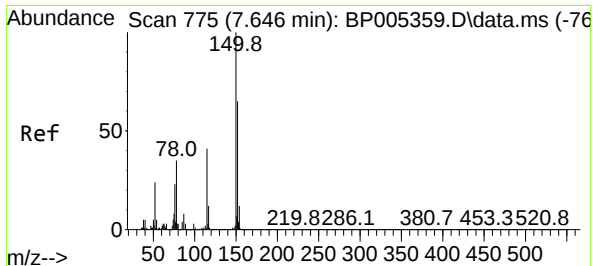
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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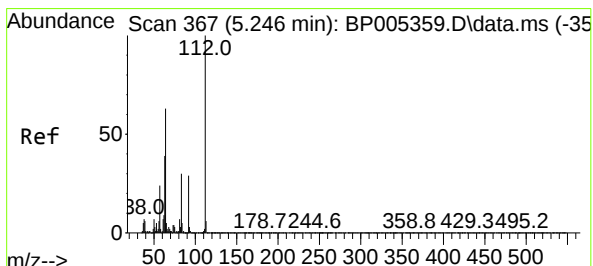
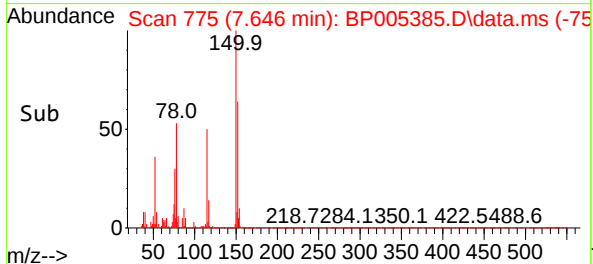
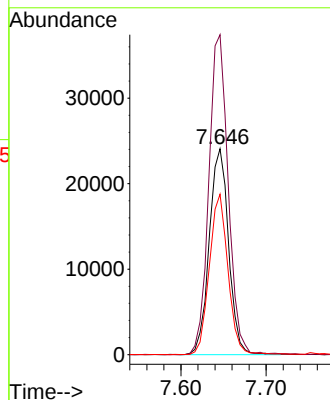
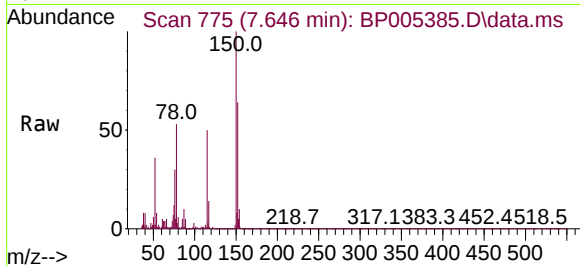




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.646 min Scan# 775
Delta R.T. -0.000 min
Lab File: BP005385.D
Acq: 22 Apr 2021 20:30

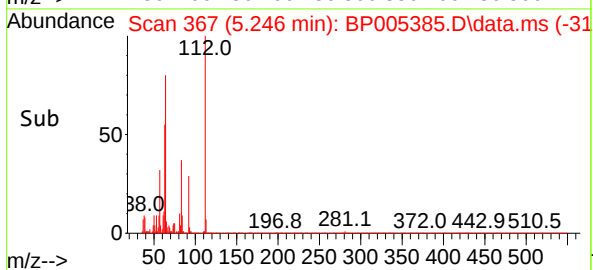
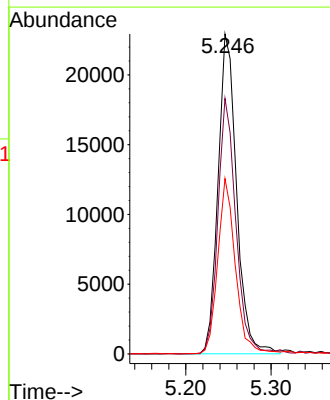
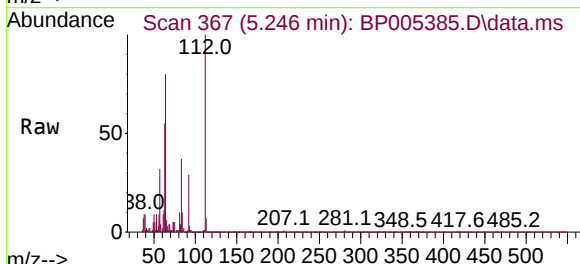
Instrument :
BNA_P
ClientSampleId :
HR-04-042021

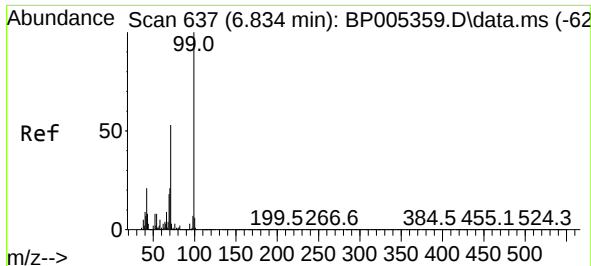
Tgt Ion:152 Resp: 37978
Ion Ratio Lower Upper
152 100
150 155.4 119.8 179.8
115 77.9 49.0 73.4#



#5
2-Fluorophenol
Concen: 15.88 ng
RT: 5.246 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP005385.D
Acq: 22 Apr 2021 20:30

Tgt Ion:112 Resp: 34717
Ion Ratio Lower Upper
112 100
64 79.8 33.6 50.4#
63 54.8 18.6 27.8#

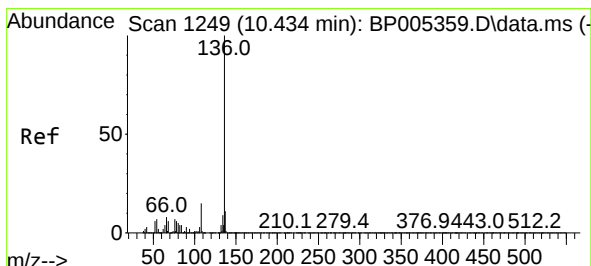
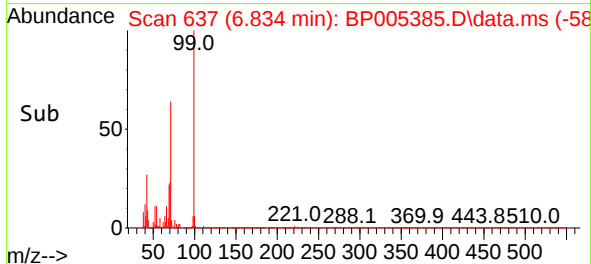
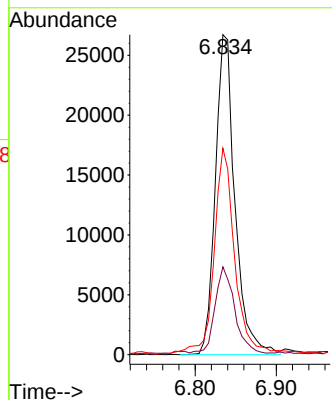
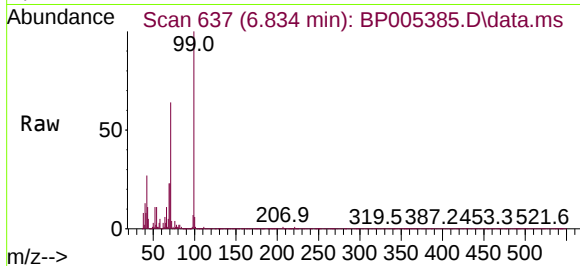




#7
Phenol-d6
Concen: 14.93 ng
RT: 6.834 min Scan# 637
Delta R.T. -0.000 min
Lab File: BP005385.D
Acq: 22 Apr 2021 20:30

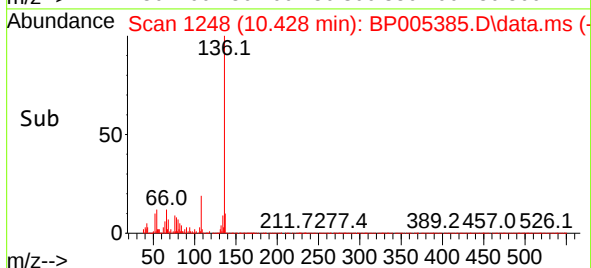
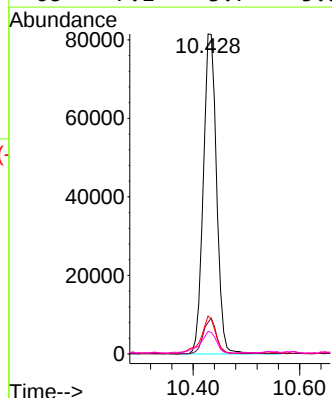
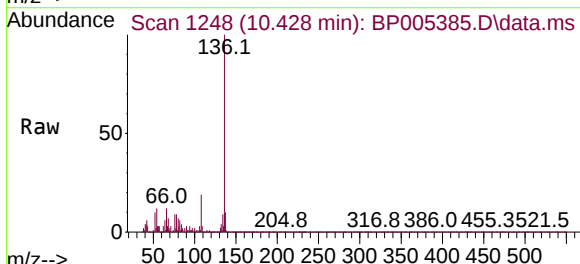
Instrument :
BNA_P
ClientSampleId :
HR-04-042021

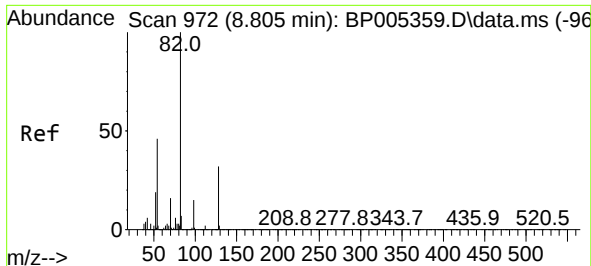
Tgt Ion:	99	Resp:	44987
Ion	Ratio	Lower	Upper
99	100		
42	27.4	12.9	19.3#
71	64.5	26.7	40.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP005385.D
Acq: 22 Apr 2021 20:30

Tgt Ion:	136	Resp:	140893
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.9	13.3
54	11.8	5.0	7.4#
68	7.1	3.7	5.5#

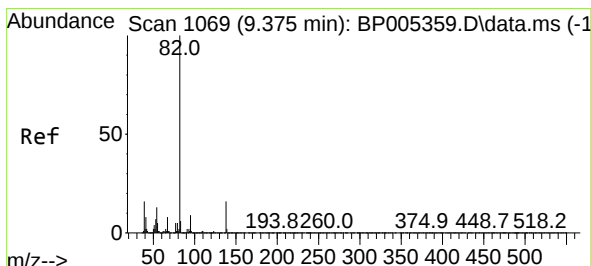
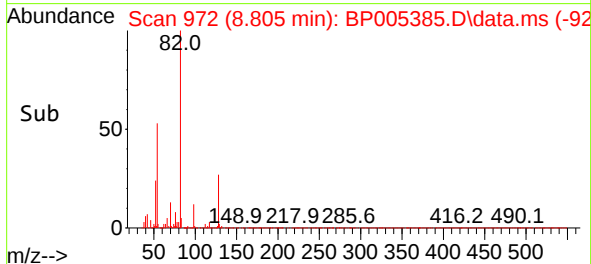
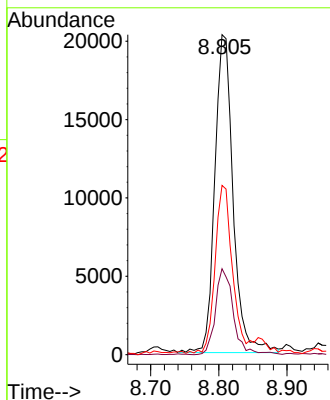
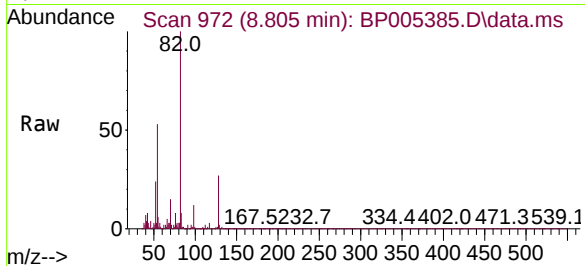




#23
Nitrobenzene-d5
Concen: 11.72 ng
RT: 8.805 min Scan# 972
Delta R.T. -0.000 min
Lab File: BP005385.D
Acq: 22 Apr 2021 20:30

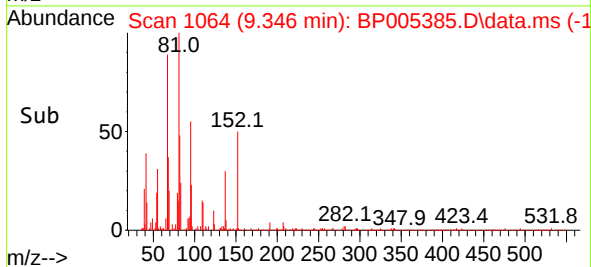
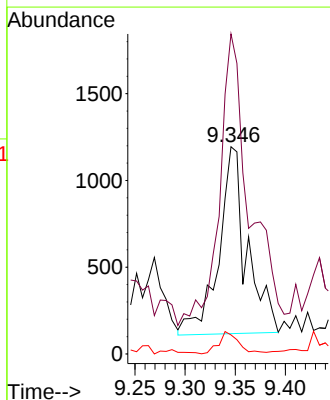
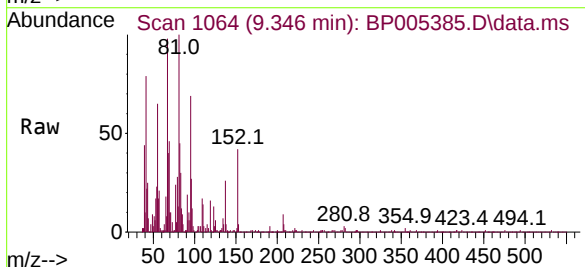
Instrument :
BNA_P
ClientSampleId :
HR-04-042021

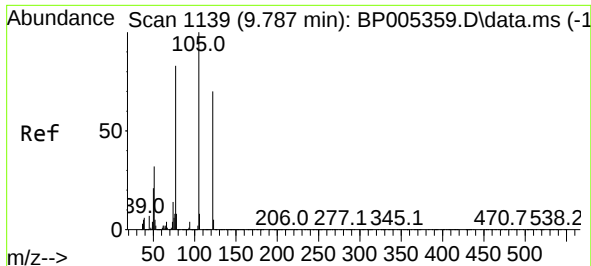
Tgt Ion: 82 Resp: 37973
Ion Ratio Lower Upper
82 100
128 26.8 30.5 45.7#
54 52.9 33.9 50.9#



#25
Isophorone
Concen: 3.27 ng
RT: 9.346 min Scan# 1064
Delta R.T. -0.029 min
Lab File: BP005385.D
Acq: 22 Apr 2021 20:30

Tgt Ion: 82 Resp: 2089
Ion Ratio Lower Upper
82 100
95 154.4 7.5 11.3#
138 10.3 14.6 22.0#

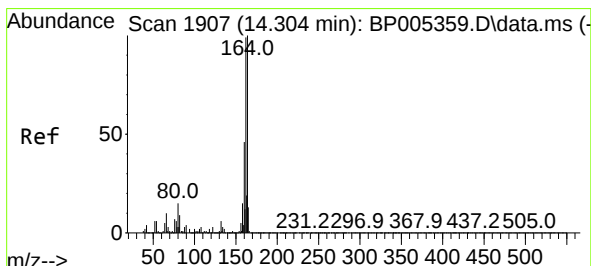
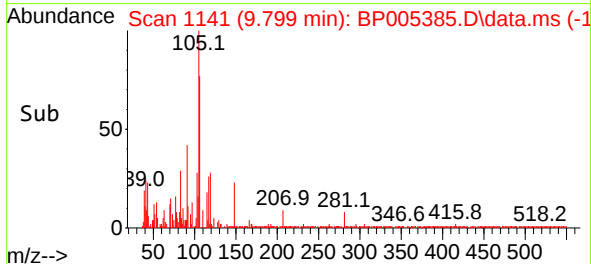
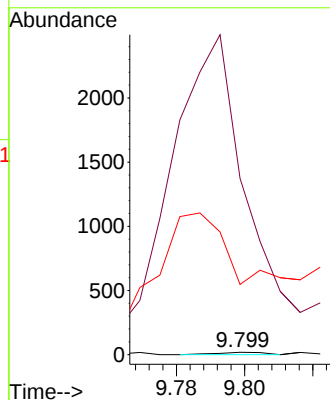
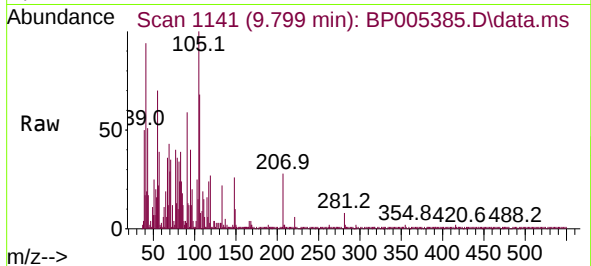




#32
Benzoic acid
Concen: 7.75 ng
RT: 9.799 min Scan# 1141
Delta R.T. 0.012 min
Lab File: BP005385.D
Acq: 22 Apr 2021 20:30

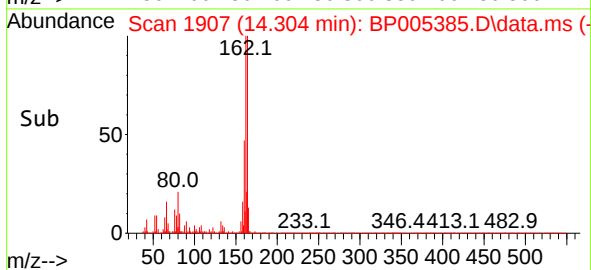
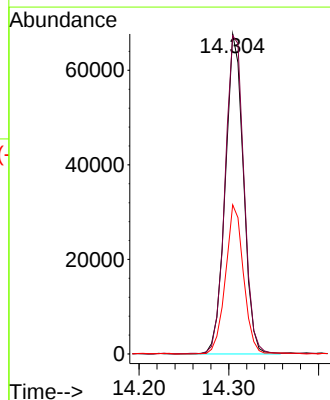
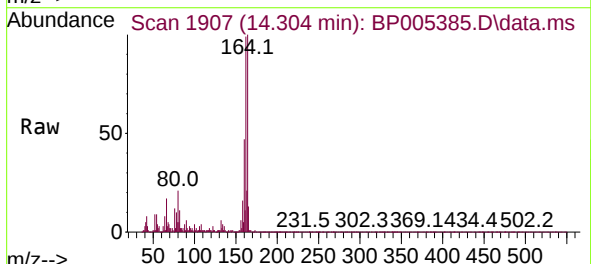
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ClientSampleId :
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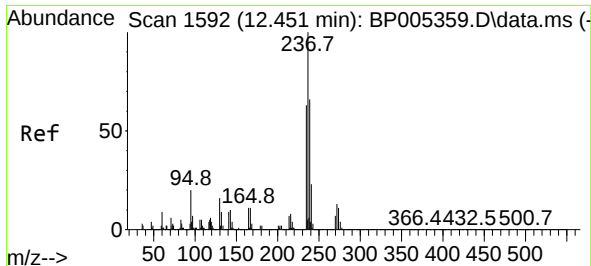
Tgt Ion:122 Resp: 18
Ion Ratio Lower Upper
122 100
105 7627.8 105.1 145.1#
77 3038.9 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005385.D
Acq: 22 Apr 2021 20:30

Tgt Ion:164 Resp: 95165
Ion Ratio Lower Upper
164 100
162 99.5 73.5 110.3
160 46.6 40.6 61.0

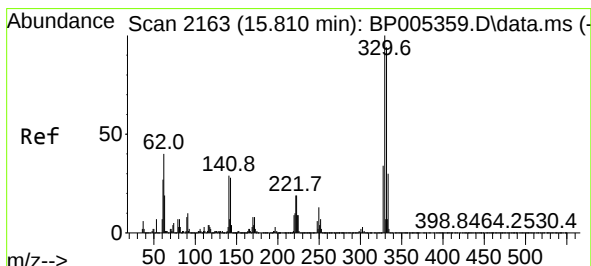
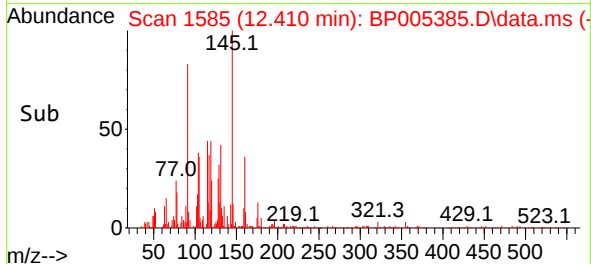
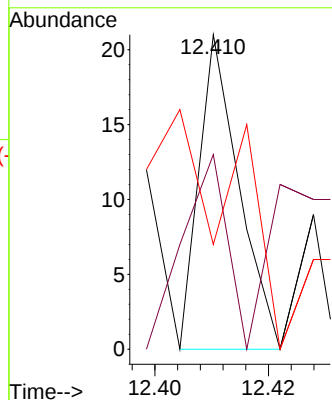
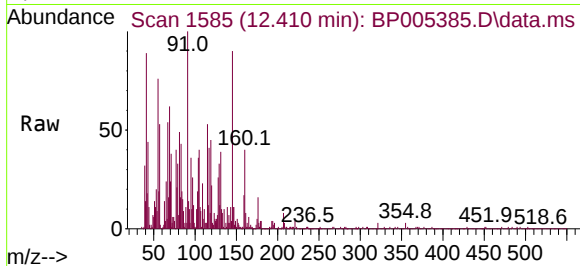




#41
Hexachlorocyclopentadiene
Concen: 6.97 ng
RT: 12.410 min Scan# 1585
Delta R.T. -0.041 min
Lab File: BP005385.D
Acq: 22 Apr 2021 20:30

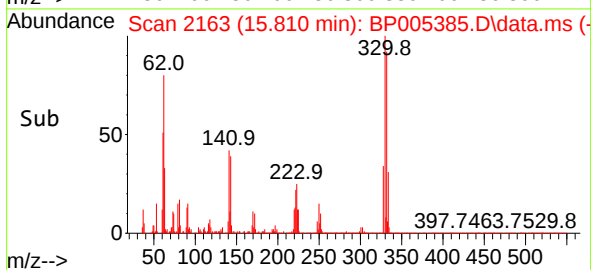
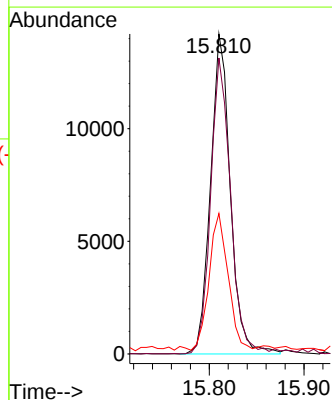
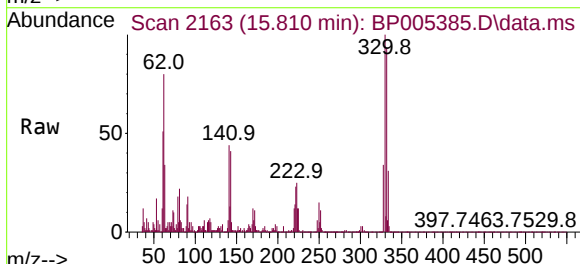
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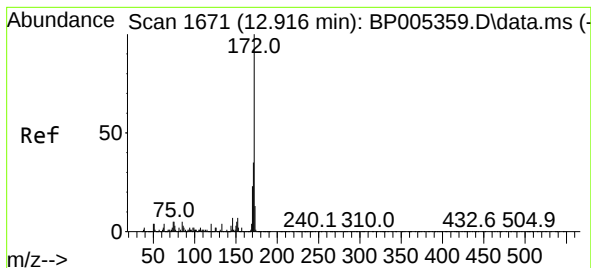
Tgt Ion:	237	Resp:	10
Ion	Ratio	Lower	Upper
237	100		
235	61.9	40.9	80.9
272	33.3	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 11.34 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP005385.D
Acq: 22 Apr 2021 20:30

Tgt Ion:	330	Resp:	20645
Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.3	114.5
141	41.0	22.8	34.2#

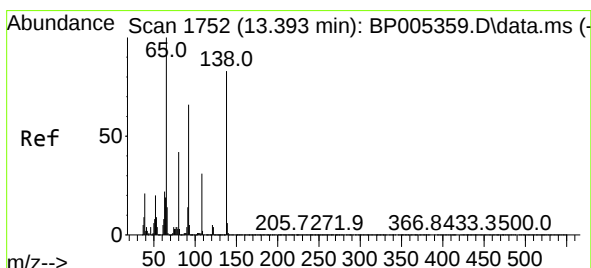
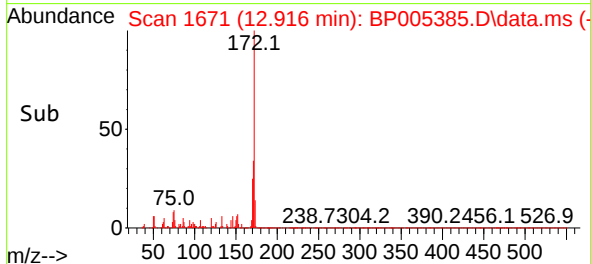
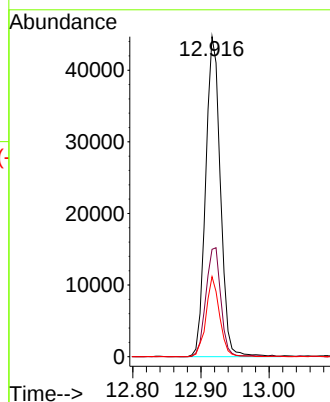
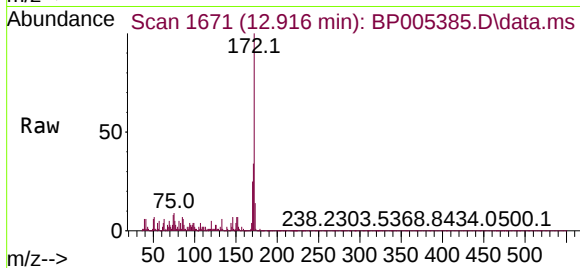




#45
2-Fluorobiphenyl
Concen: 9.14 ng
RT: 12.916 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BP005385.D
Acq: 22 Apr 2021 20:30

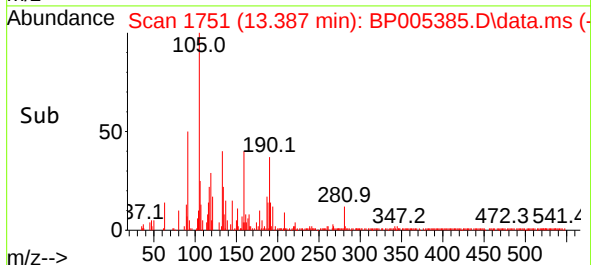
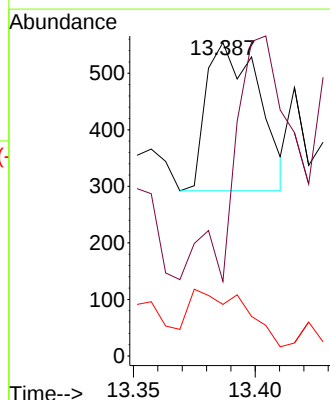
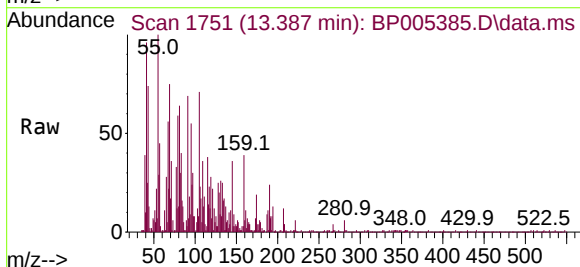
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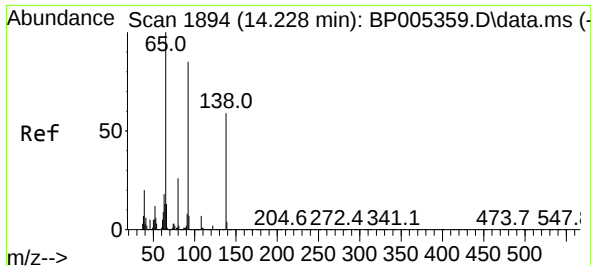
Tgt Ion:	172	Resp:	67210
Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.1	42.1
170	25.0	19.6	29.4



#48
2-Nitroaniline
Concen: 5.63 ng
RT: 13.387 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BP005385.D
Acq: 22 Apr 2021 20:30

Tgt Ion:	65	Resp:	392
Ion	Ratio	Lower	Upper
65	100		
92	23.8	48.8	73.2#
138	16.4	69.5	104.3#

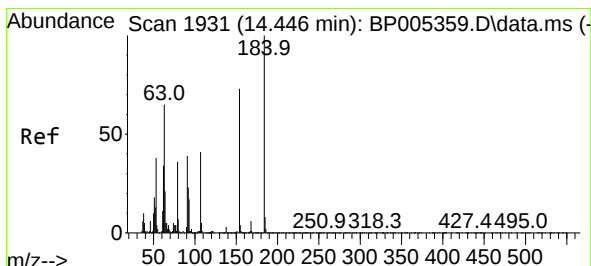
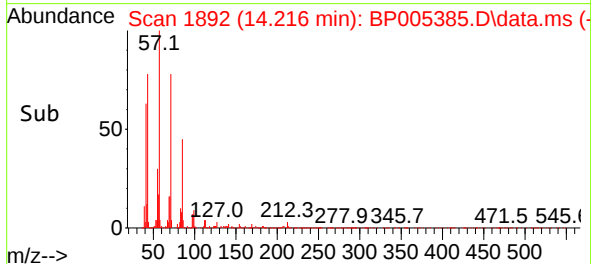
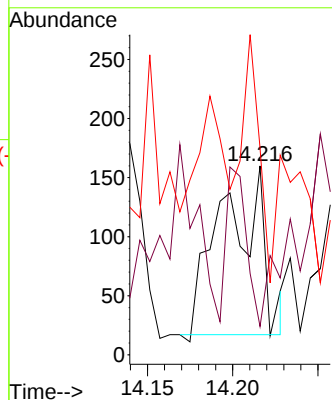
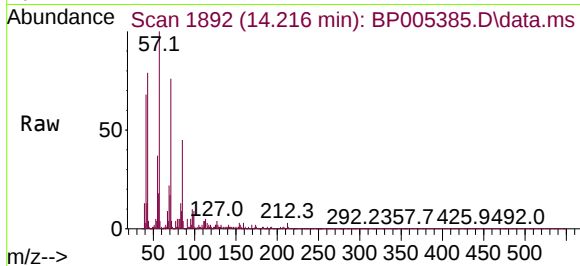




#53
3-Nitroaniline
Concen: 2.82 ng
RT: 14.216 min Scan# 1892
Delta R.T. -0.012 min
Lab File: BP005385.D
Acq: 22 Apr 2021 20:30

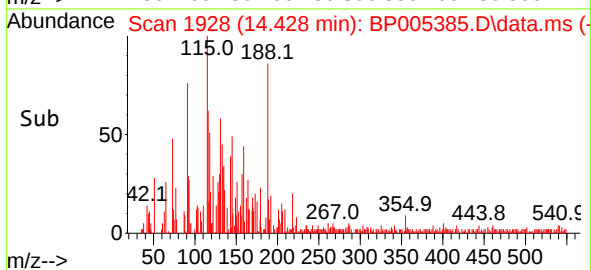
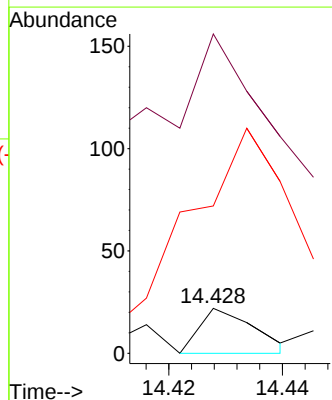
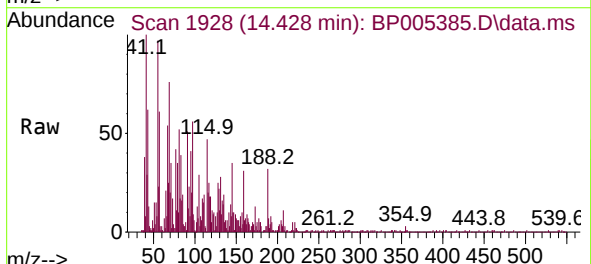
Instrument :
BNA_P
ClientSampled :
HR-04-042021

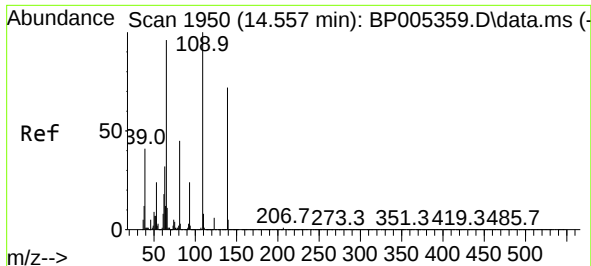
Tgt Ion:138 Resp: 243
Ion Ratio Lower Upper
138 100
108 15.0 10.2 15.4
92 109.4 108.1 162.1



#54
2,4-Dinitrophenol
Concen: 7.53 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.018 min
Lab File: BP005385.D
Acq: 22 Apr 2021 20:30

Tgt Ion:184 Resp: 15
Ion Ratio Lower Upper
184 100
63 709.1 51.2 76.8#
154 327.3 55.8 83.8#

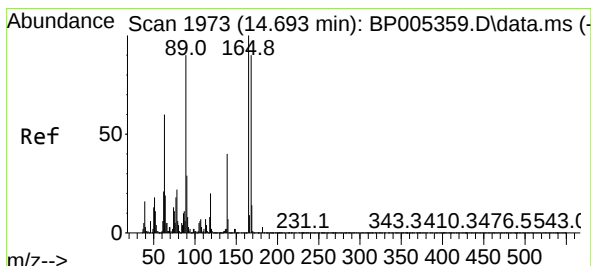
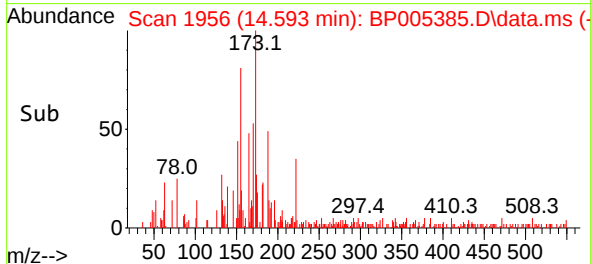
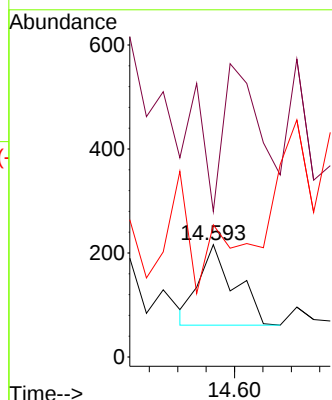
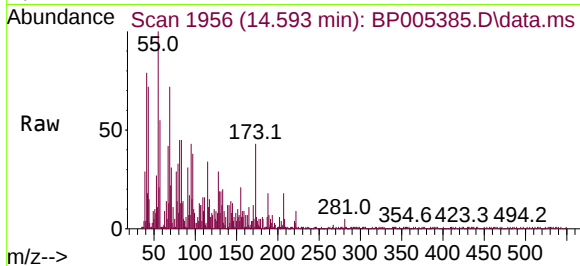




#56
4-Nitrophenol
Concen: 5.41 ng
RT: 14.593 min Scan# 1956
Delta R.T. 0.036 min
Lab File: BP005385.D
Acq: 22 Apr 2021 20:30

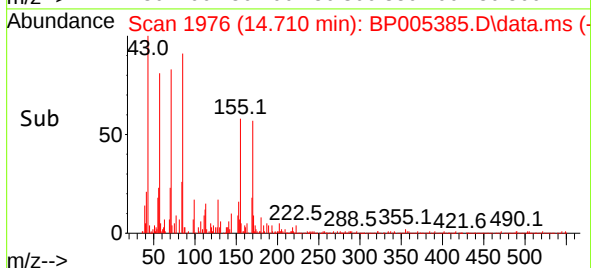
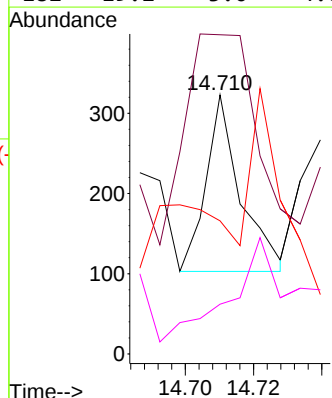
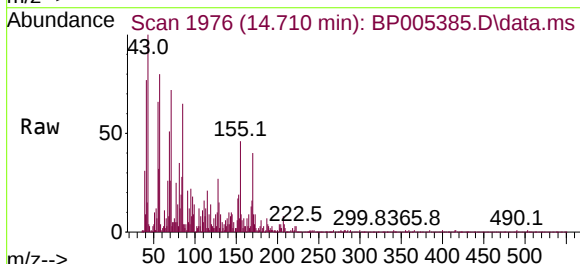
Instrument :
BNA_P
ClientSampleId :
HR-04-042021

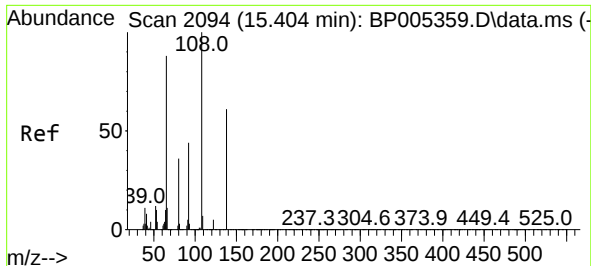
Tgt Ion:139 Resp: 135
Ion Ratio Lower Upper
139 100
109 129.6 122.8 162.8
65 117.6 110.0 150.0



#57
2,4-Dinitrotoluene
Concen: 3.17 ng
RT: 14.710 min Scan# 1976
Delta R.T. 0.017 min
Lab File: BP005385.D
Acq: 22 Apr 2021 20:30

Tgt Ion:165 Resp: 155
Ion Ratio Lower Upper
165 100
63 123.2 56.7 85.1#
89 51.4 85.8 128.6#
182 19.2 3.0 4.6#

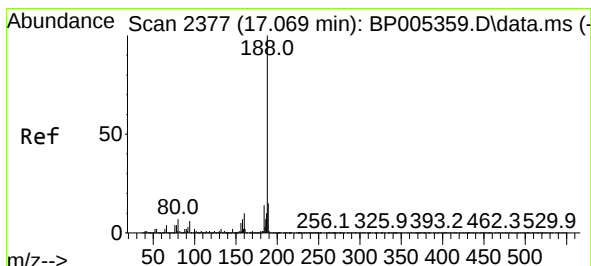
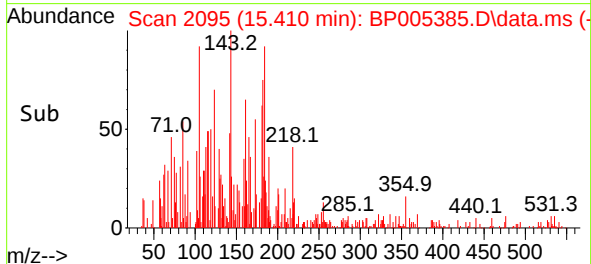
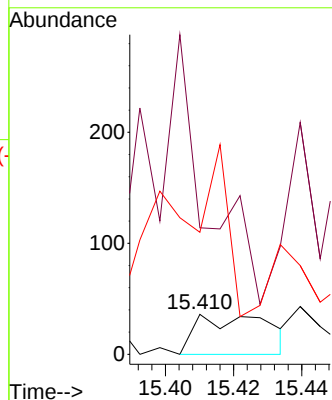
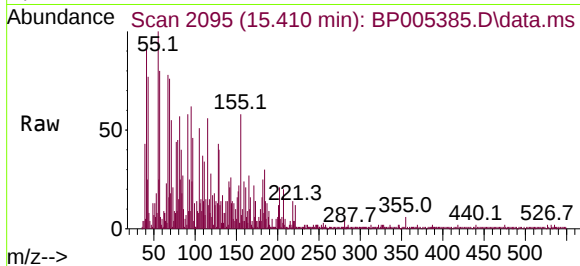




#62
4-Nitroaniline
Concen: 3.85 ng
RT: 15.410 min Scan# 2095
Delta R.T. 0.006 min
Lab File: BP005385.D
Acq: 22 Apr 2021 20:30

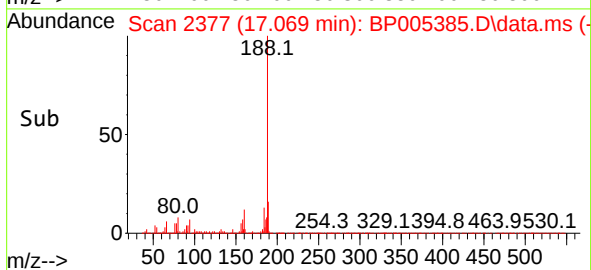
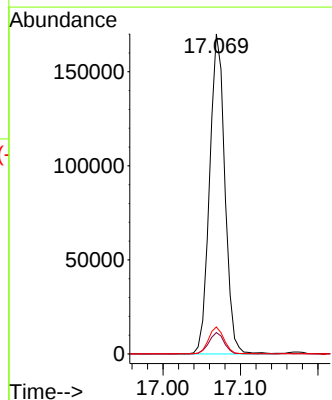
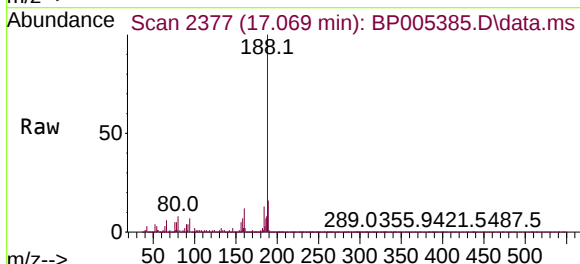
Instrument :
BNA_P
ClientSampleId :
HR-04-042021

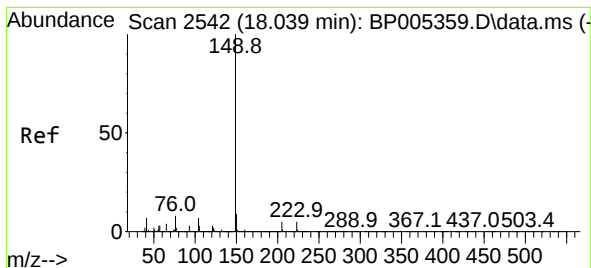
Tgt Ion:138 Resp: 53
Ion Ratio Lower Upper
138 100
92 316.7 50.9 90.9#
108 305.6 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005385.D
Acq: 22 Apr 2021 20:30

Tgt Ion:188 Resp: 232991
Ion Ratio Lower Upper
188 100
94 6.7 5.0 7.6
80 8.4 5.9 8.9





#74

Di-n-butylphthalate

Concen: 3.97 ng

RT: 18.051 min Scan# 2544

Delta R.T. 0.012 min

Lab File: BP005385.D

Acq: 22 Apr 2021 20:30

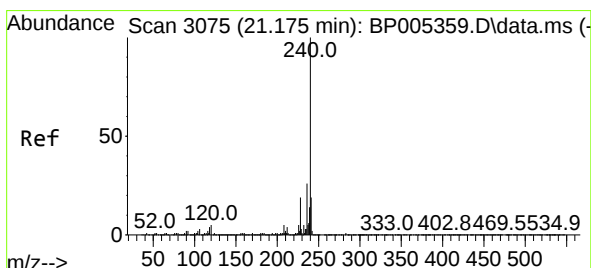
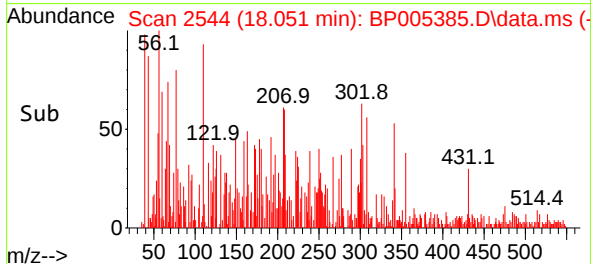
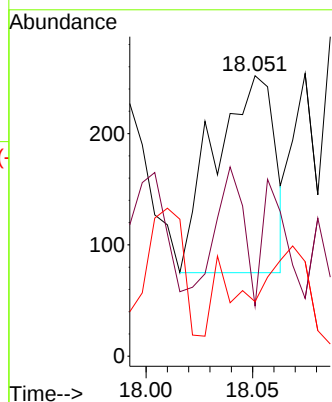
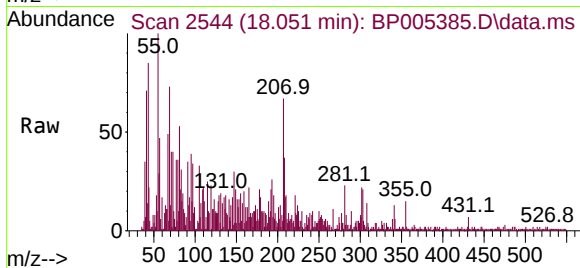
Instrument :

BNA_P

ClientSampleId :

HR-04-042021

Tgt Ion:	149	Resp:	348
Ion Ratio	Lower	Upper	
149	100		
150	17.9	7.6	11.4#
104	19.4	8.9	13.3#



#76

Chrysene-d12

Concen: 20.00 ng

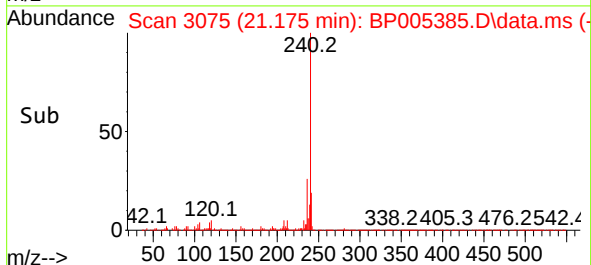
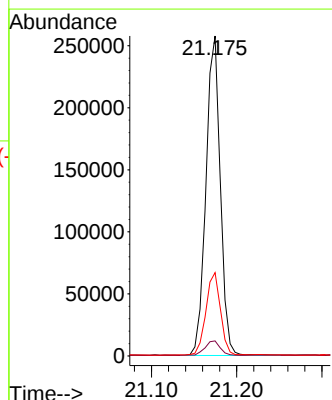
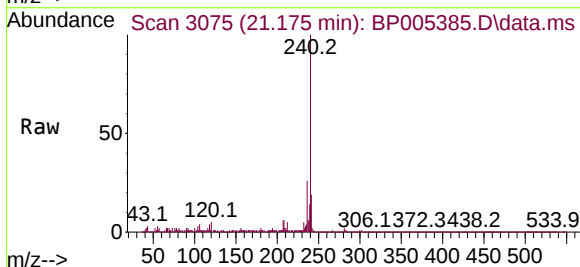
RT: 21.175 min Scan# 3075

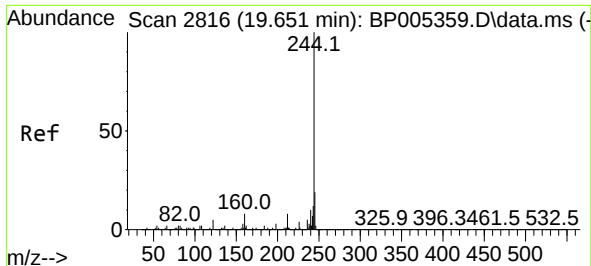
Delta R.T. -0.000 min

Lab File: BP005385.D

Acq: 22 Apr 2021 20:30

Tgt Ion:	240	Resp:	301514
Ion Ratio	Lower	Upper	
240	100		
120	4.7	4.2	6.2
236	26.1	20.2	30.2

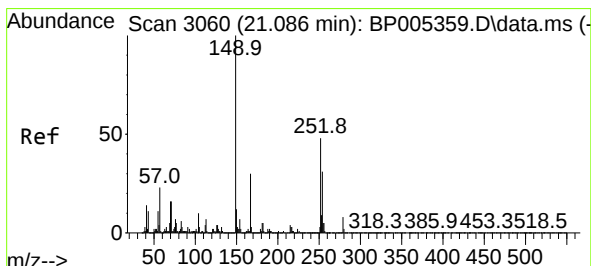
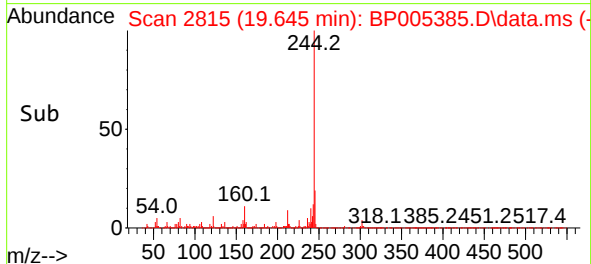
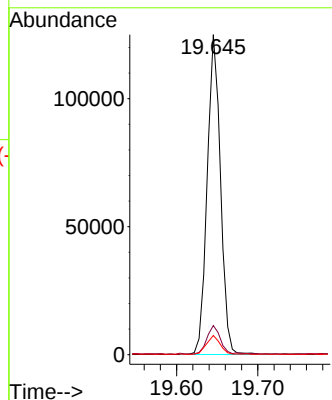
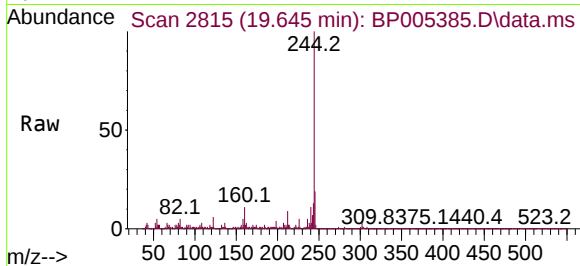




#79
 Terphenyl-d14
 Concen: 8.72 ng
 RT: 19.645 min Scan# 2815
 Delta R.T. -0.006 min
 Lab File: BP005385.D
 Acq: 22 Apr 2021 20:30

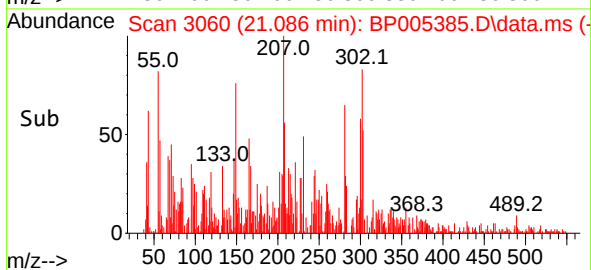
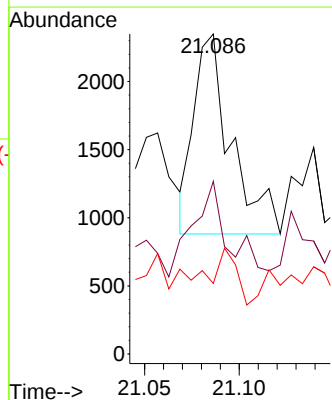
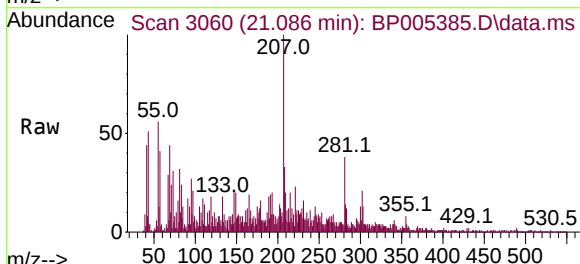
Instrument :
 BNA_P
 ClientSampleId :
 HR-04-042021

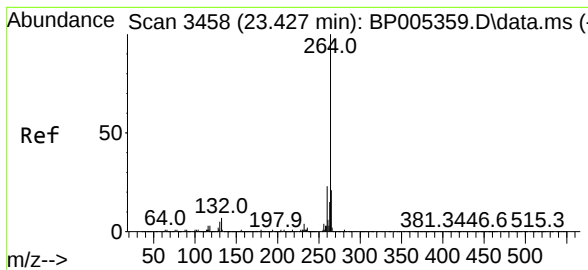
Tgt Ion:244 Resp: 141809
 Ion Ratio Lower Upper
 244 100
 212 9.1 5.8 8.6#
 122 6.0 5.2 7.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.25 ng
 RT: 21.086 min Scan# 3060
 Delta R.T. 0.000 min
 Lab File: BP005385.D
 Acq: 22 Apr 2021 20:30

Tgt Ion:149 Resp: 1993
 Ion Ratio Lower Upper
 149 100
 167 53.9 23.8 35.8#
 279 22.1 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: BP005385.D
 Acq: 22 Apr 2021 20:30

Instrument :
 BNA_P
 ClientSampleId :
 HR-04-042021

Tgt Ion:264 Resp: 318741

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.6	30.8
265	21.6	19.0	28.6

