

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
 Data File : BP005376.D
 Acq On : 22 Apr 2021 15:25
 Operator : CG/JU
 Sample : M2112-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 M-2

Quant Time: Apr 22 16:03:28 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)

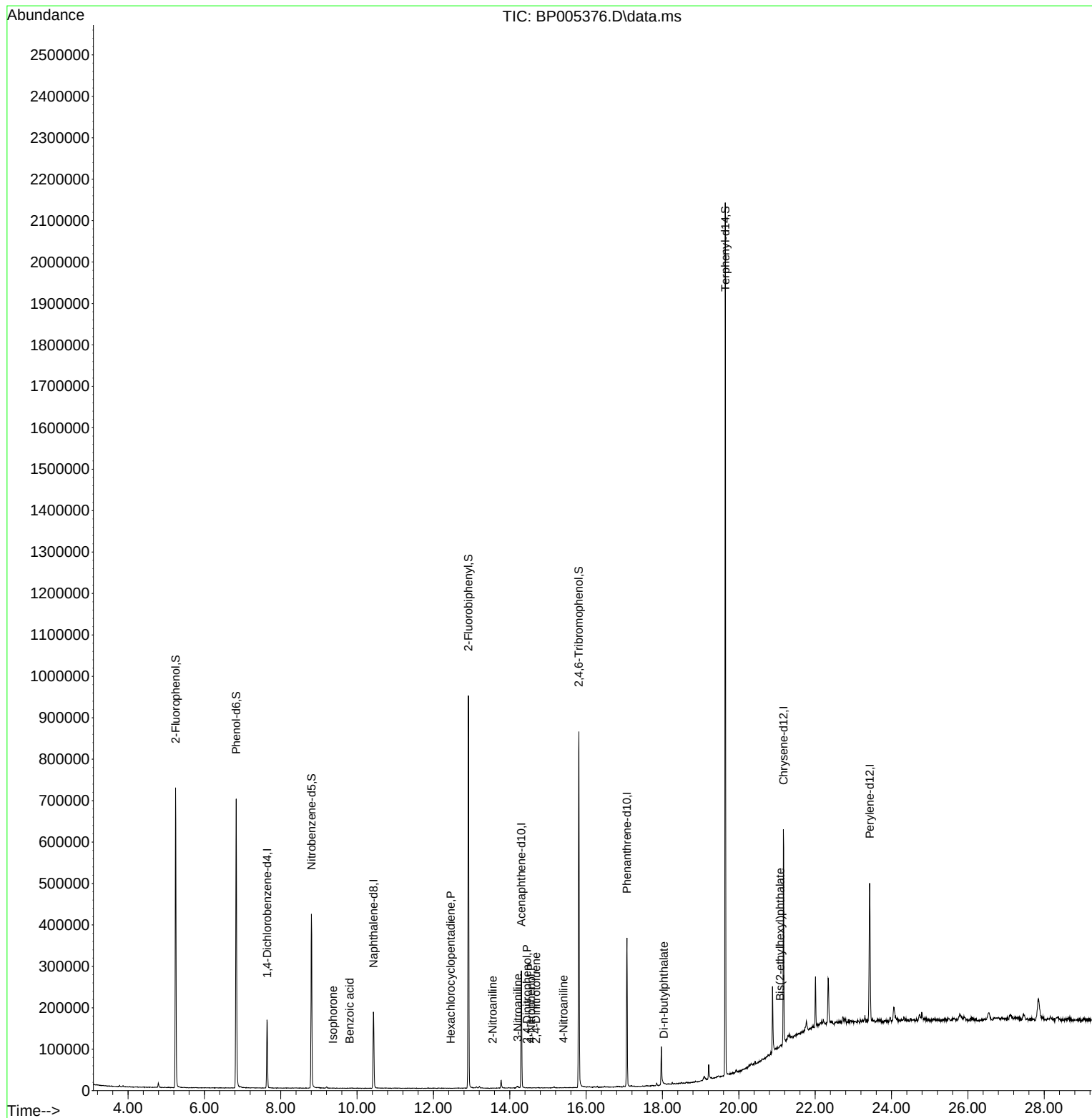
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	32385	20.00	ng	0.00
21) Naphthalene-d8	10.428	136	118895	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	80997	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	187320	20.00	ng	0.00
76) Chrysene-d12	21.169	240	229628	20.00	ng	0.00
86) Perylene-d12	23.427	264	240559	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	213239	114.38	ng	0.00
7) Phenol-d6	6.834	99	283340	110.31	ng	0.00
23) Nitrobenzene-d5	8.805	82	231168	84.57	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	130181	84.02	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	399779	63.89	ng	0.00
79) Terphenyl-d14	19.645	244	789996	63.75	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.369	82	80	2.97	ng	# 65
32) Benzoic acid	9.810	122	26	7.76	ng	98
41) Hexachlorocyclopentadiene	12.452	237	8	6.97	ng	82
48) 2-Nitroaniline	13.551	65	20	5.46	ng	87
53) 3-Nitroaniline	14.210	138	13	2.66	ng	# 68
54) 2,4-Dinitrophenol	14.451	184	13	7.53	ng	# 74
56) 4-Nitrophenol	14.557	139	14	5.31	ng	# 1
57) 2,4-Dinitrotoluene	14.693	165	13	3.12	ng	# 6
62) 4-Nitroaniline	15.404	138	11	3.83	ng	# 7
74) Di-n-butylphthalate	18.034	149	401	3.99	ng	# 80
84) Bis(2-ethylhexyl)phtha...	21.080	149	1026	3.16	ng	# 81

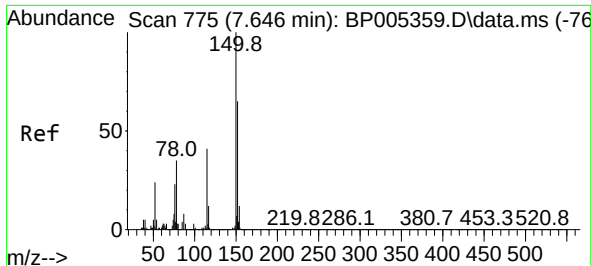
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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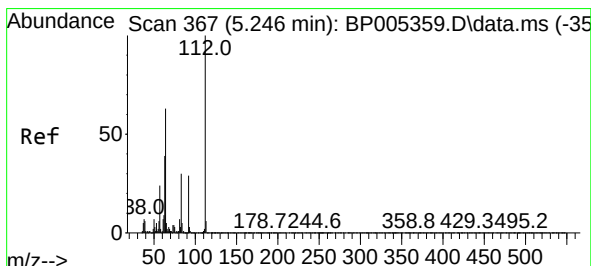
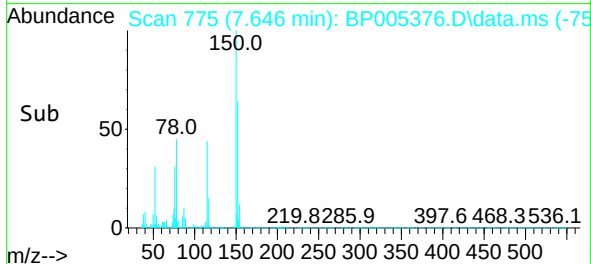
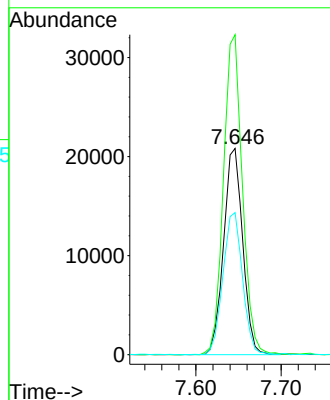
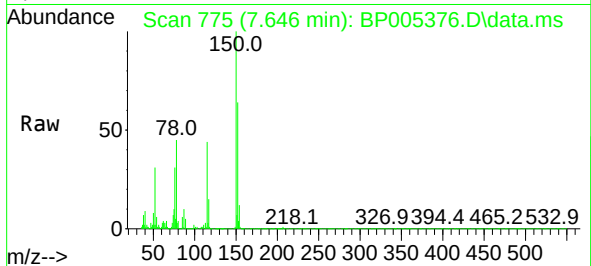




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.646 min Scan# 775
Delta R.T. -0.000 min
Lab File: BP005376.D
Acq: 22 Apr 2021 15:25

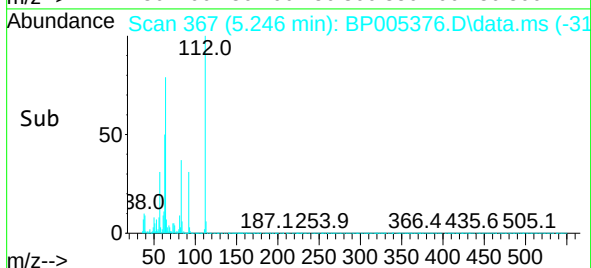
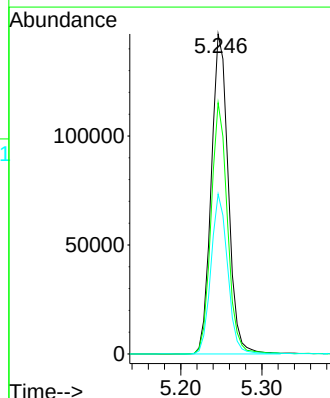
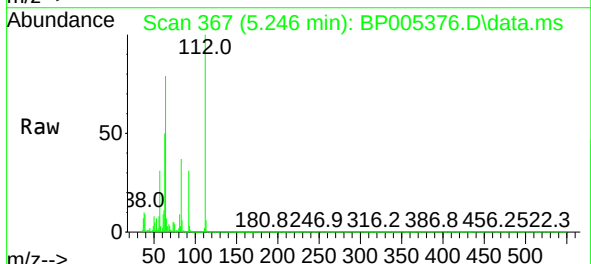
Instrument :
BNA_P
ClientSampleId :
M-2

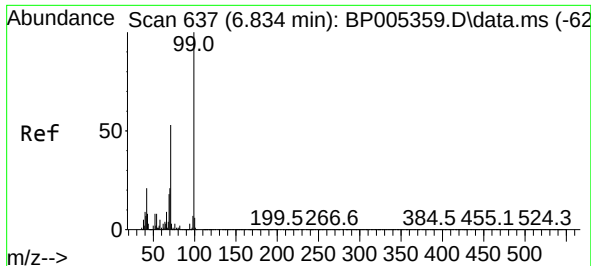
Tgt Ion:152 Resp: 32385
Ion Ratio Lower Upper
152 100
150 155.2 119.8 179.8
115 68.9 49.0 73.4



#5
2-Fluorophenol
Concen: 114.38 ng
RT: 5.246 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP005376.D
Acq: 22 Apr 2021 15:25

Tgt Ion:112 Resp: 213239
Ion Ratio Lower Upper
112 100
64 78.5 33.6 50.4#
63 50.0 18.6 27.8#

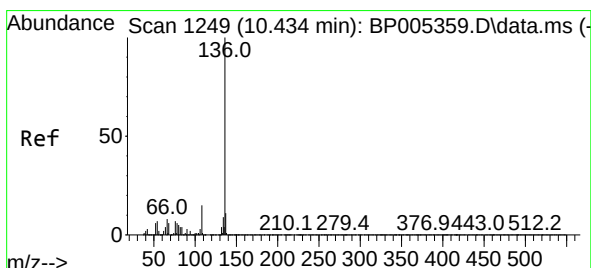
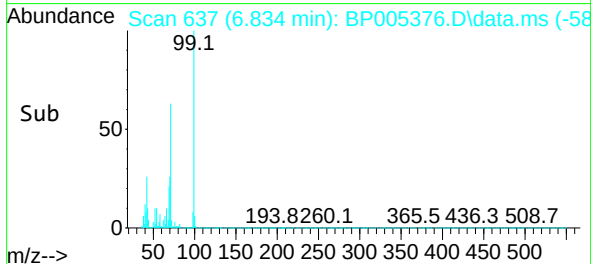
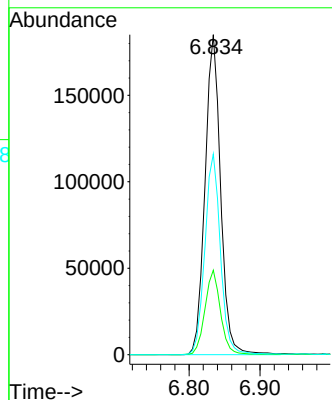
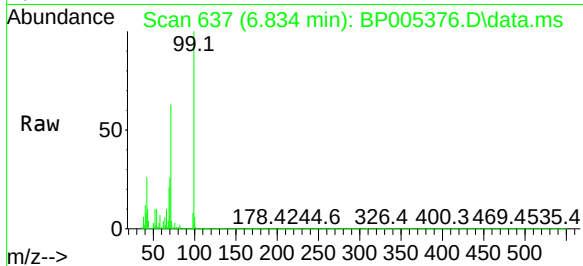




#7
Phenol-d6
Concen: 110.31 ng
RT: 6.834 min Scan# 637
Delta R.T. 0.000 min
Lab File: BP005376.D
Acq: 22 Apr 2021 15:25

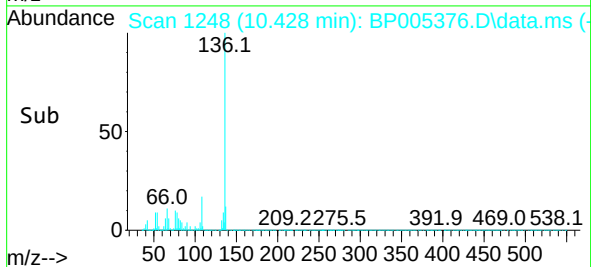
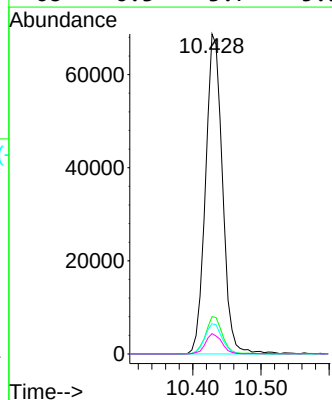
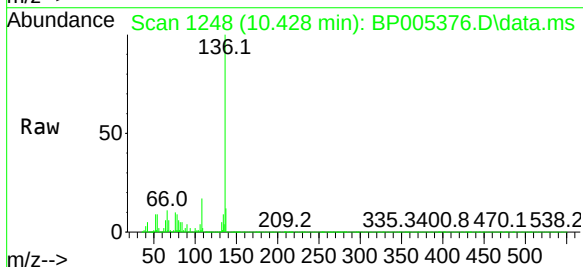
Instrument :
BNA_P
ClientSampleId :
M-2

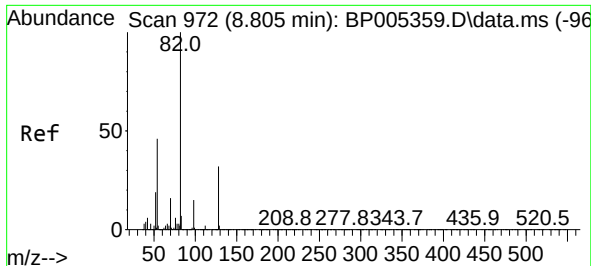
Tgt Ion: 99 Resp: 283340
Ion Ratio Lower Upper
99 100
42 26.4 12.9 19.3#
71 62.7 26.7 40.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP005376.D
Acq: 22 Apr 2021 15:25

Tgt Ion:136 Resp: 118895
Ion Ratio Lower Upper
136 100
137 11.7 8.9 13.3
54 9.5 5.0 7.4#
68 6.3 3.7 5.5#

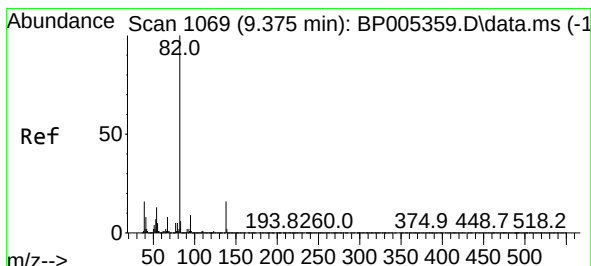
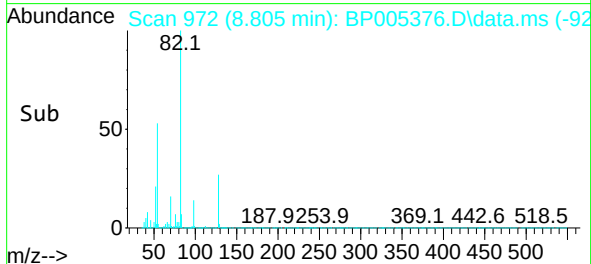
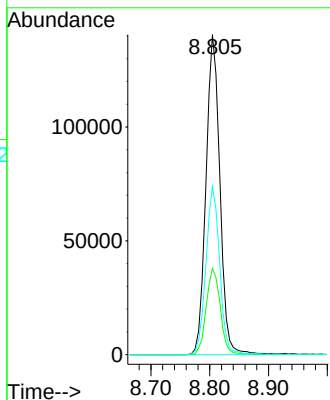
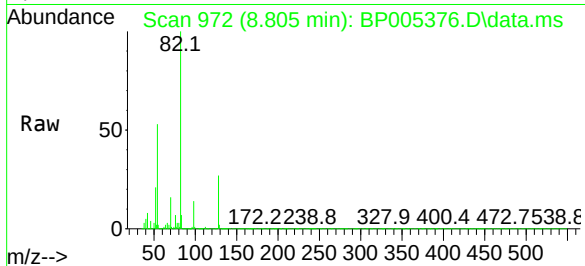




#23
Nitrobenzene-d5
Concen: 84.57 ng
RT: 8.805 min Scan# 972
Delta R.T. -0.000 min
Lab File: BP005376.D
Acq: 22 Apr 2021 15:25

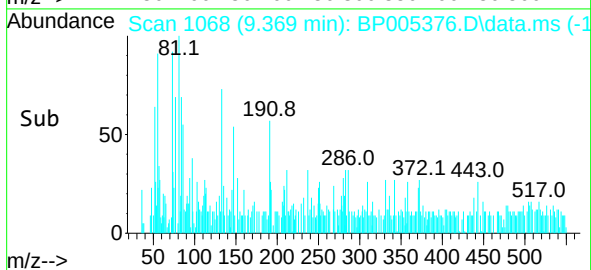
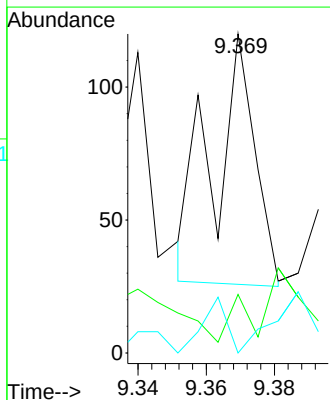
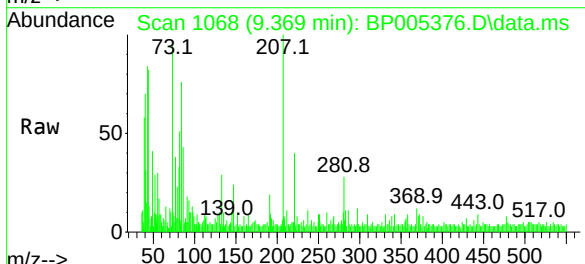
Instrument :
BNA_P
ClientSampleId :
M-2

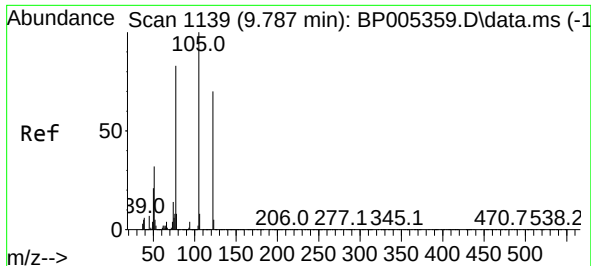
Tgt Ion: 82 Resp: 231168
Ion Ratio Lower Upper
82 100
128 27.0 30.5 45.7#
54 52.6 33.9 50.9#



#25
Isophorone
Concen: 2.97 ng
RT: 9.369 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BP005376.D
Acq: 22 Apr 2021 15:25

Tgt Ion: 82 Resp: 80
Ion Ratio Lower Upper
82 100
95 18.3 7.5 11.3#
138 0.0 14.6 22.0#

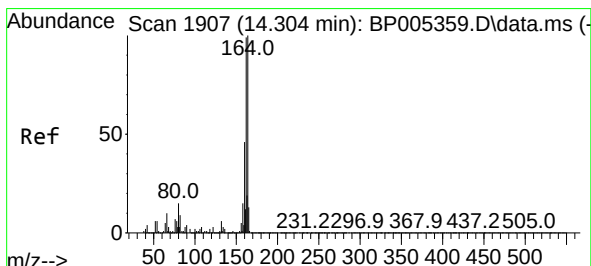
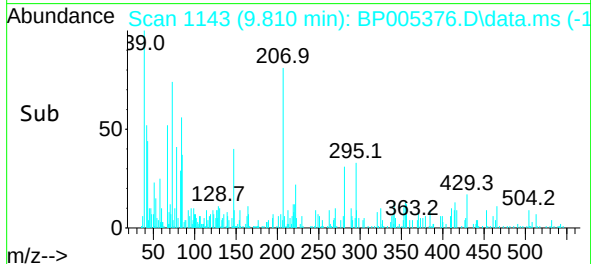
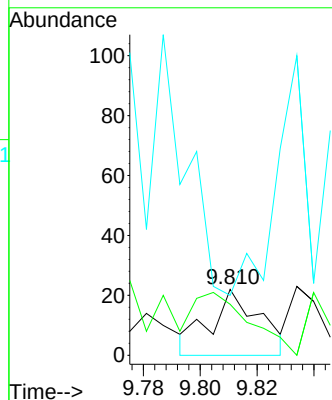
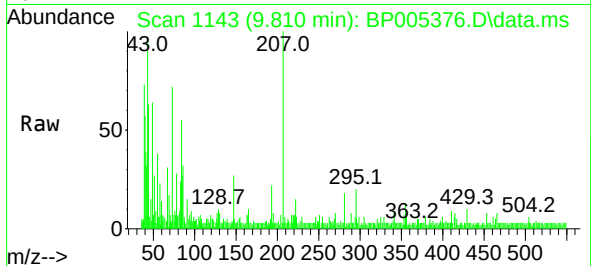




#32
Benzoic acid
Concen: 7.76 ng
RT: 9.810 min Scan# 1143
Delta R.T. 0.023 min
Lab File: BP005376.D
Acq: 22 Apr 2021 15:25

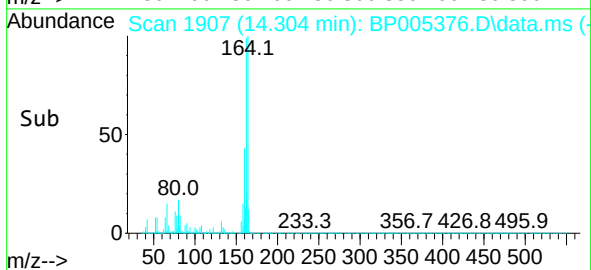
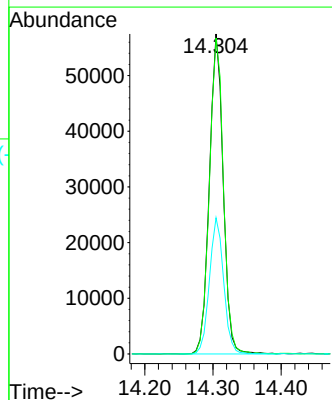
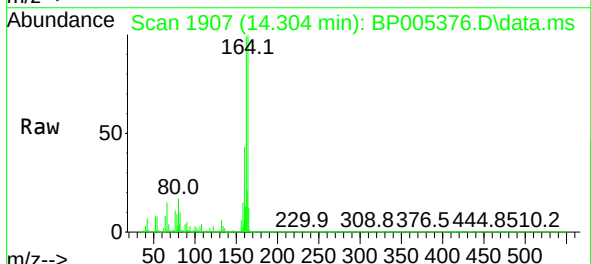
Instrument :
BNA_P
ClientSampled :
M-2

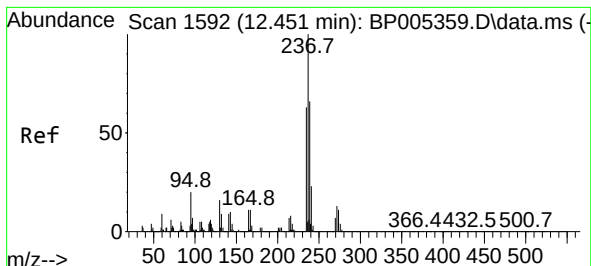
Tgt Ion:	122	Resp:	26
Ion	Ratio	Lower	Upper
122	100		
105	122.7	105.1	145.1
77	90.9	69.6	109.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005376.D
Acq: 22 Apr 2021 15:25

Tgt Ion:	164	Resp:	80997
Ion	Ratio	Lower	Upper
164	100		
162	98.8	73.5	110.3
160	42.6	40.6	61.0

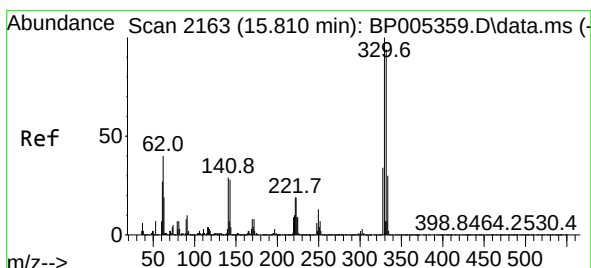
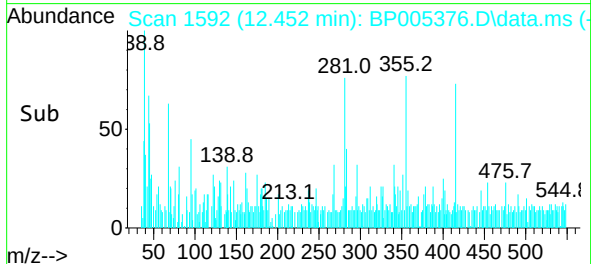
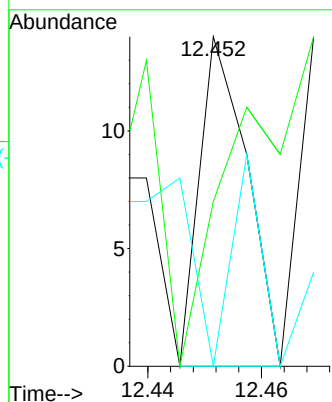
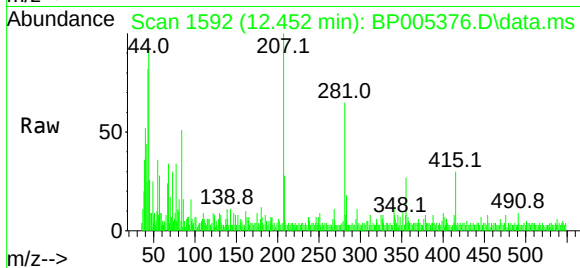




#41
Hexachlorocyclopentadiene
Concen: 6.97 ng
RT: 12.452 min Scan# 1592
Delta R.T. 0.001 min
Lab File: BP005376.D
Acq: 22 Apr 2021 15:25

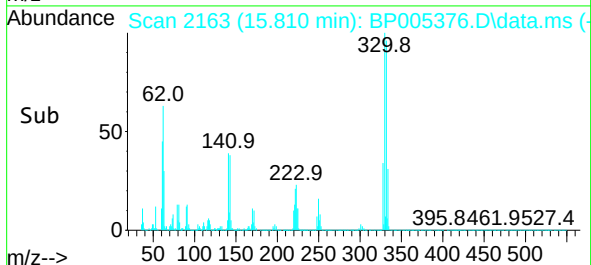
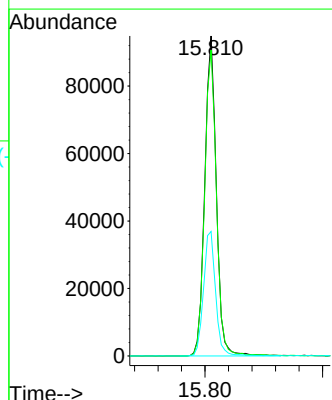
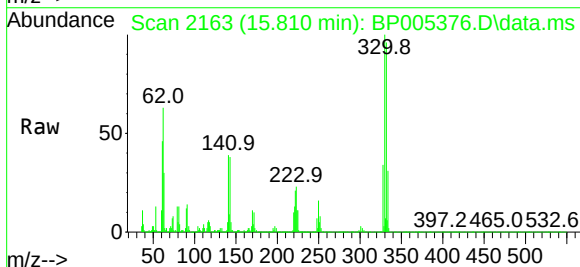
Instrument :
BNA_P
ClientSampleId :
M-2

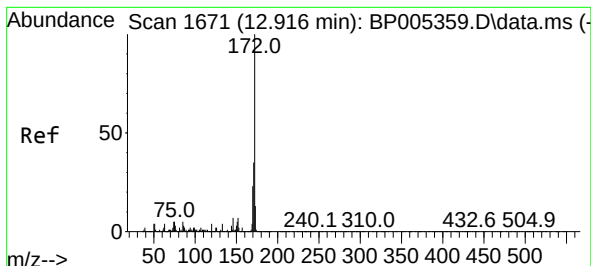
Tgt Ion:	237	Resp:	8
Ion	Ratio	Lower	Upper
237	100		
235	50.0	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 84.02 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP005376.D
Acq: 22 Apr 2021 15:25

Tgt Ion:	330	Resp:	130181
Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.3	114.5
141	40.8	22.8	34.2#

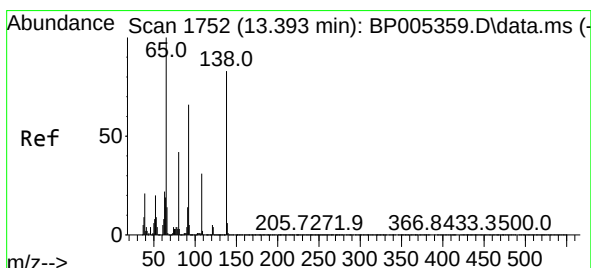
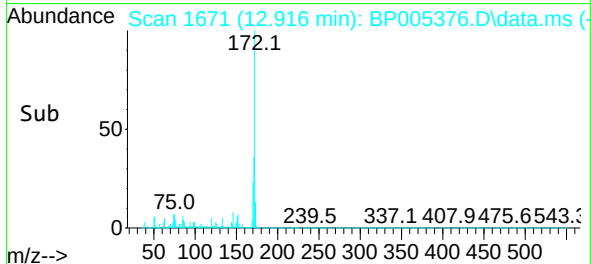
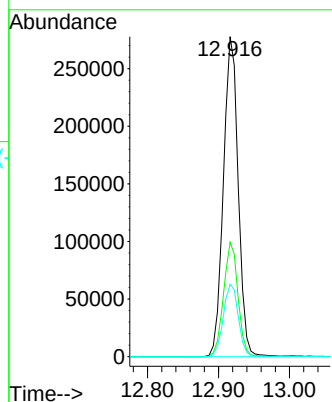
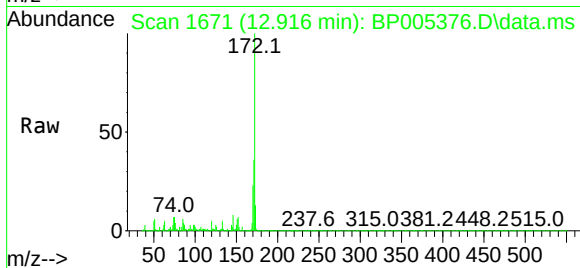




#45
2-Fluorobiphenyl
Concen: 63.89 ng
RT: 12.916 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BP005376.D
Acq: 22 Apr 2021 15:25

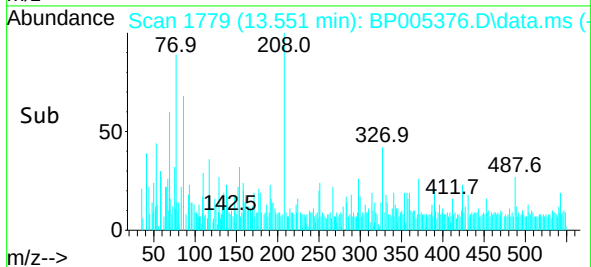
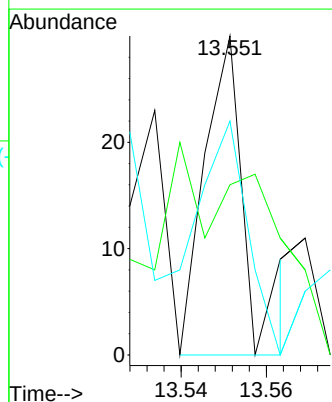
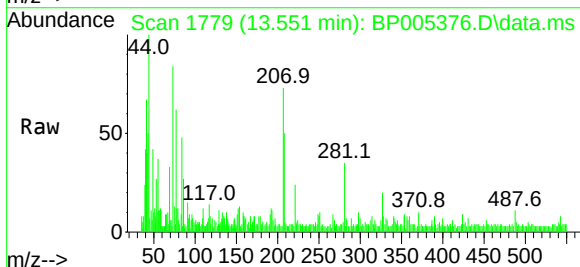
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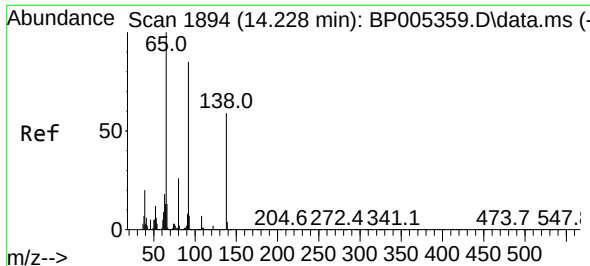
Tgt Ion:	172	Resp:	399779
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.1	42.1
170	22.6	19.6	29.4



#48
2-Nitroaniline
Concen: 5.46 ng
RT: 13.551 min Scan# 1779
Delta R.T. 0.158 min
Lab File: BP005376.D
Acq: 22 Apr 2021 15:25

Tgt Ion:	65	Resp:	20
Ion	Ratio	Lower	Upper
65	100		
92	53.3	48.8	73.2
138	73.3	69.5	104.3

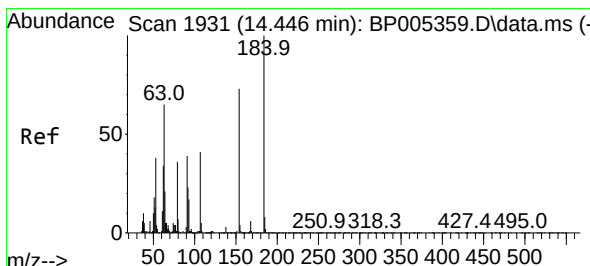
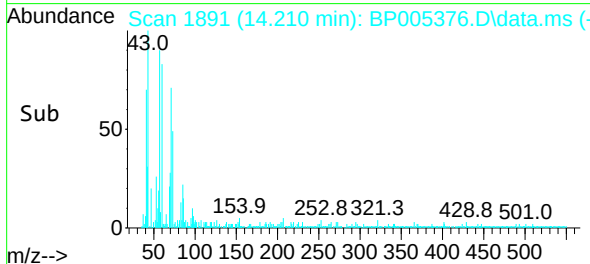
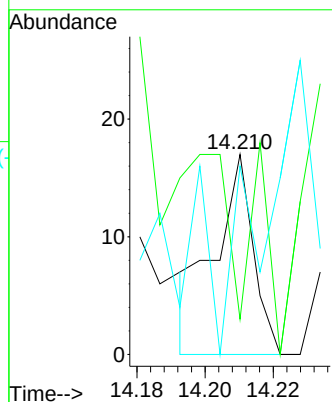
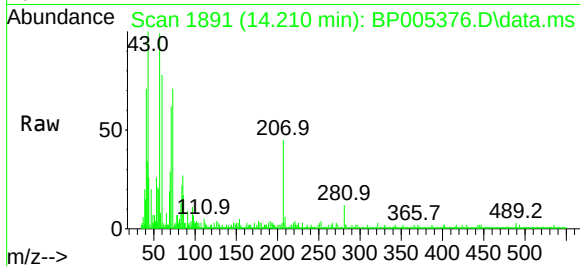




#53
3-Nitroaniline
Concen: 2.66 ng
RT: 14.210 min Scan# 1891
Delta R.T. -0.018 min
Lab File: BP005376.D
Acq: 22 Apr 2021 15:25

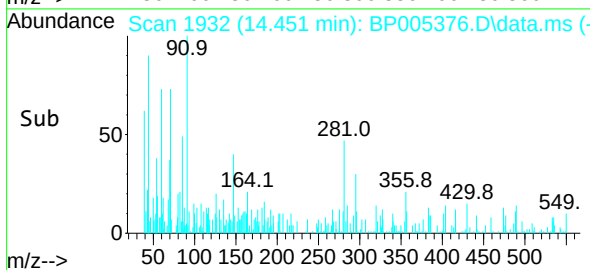
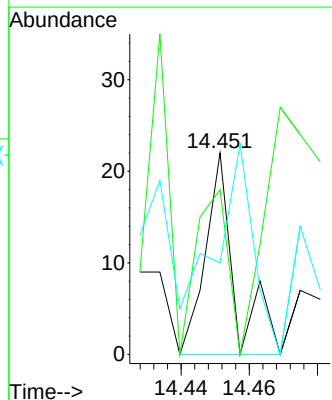
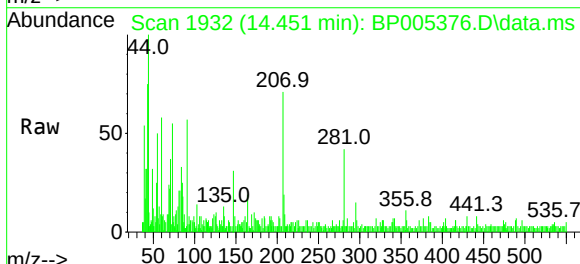
Instrument :
BNA_P
ClientSampled :
M-2

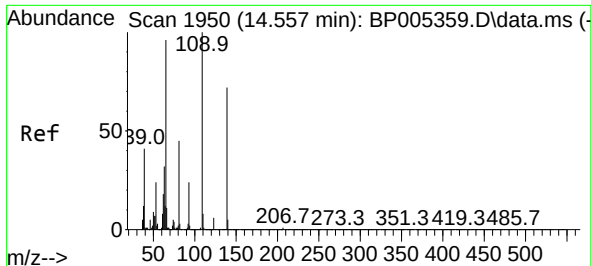
Tgt Ion:138 Resp: 13
Ion Ratio Lower Upper
138 100
108 17.6 10.2 15.4#
92 94.1 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 7.53 ng
RT: 14.451 min Scan# 1932
Delta R.T. 0.005 min
Lab File: BP005376.D
Acq: 22 Apr 2021 15:25

Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 81.8 51.2 76.8#
154 45.5 55.8 83.8#

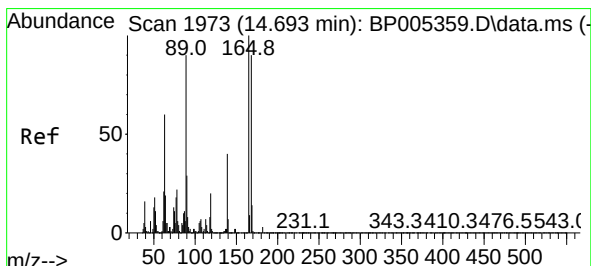
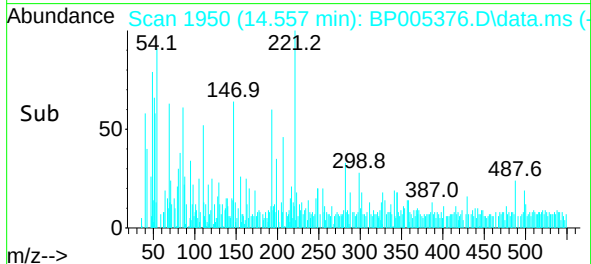
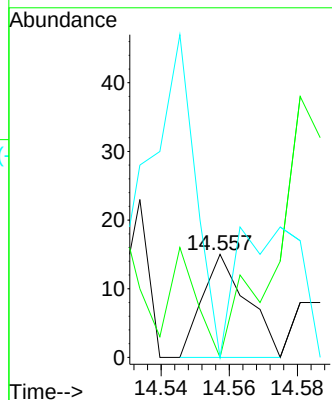
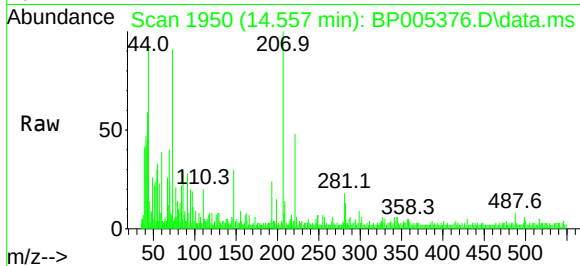




#56
4-Nitrophenol
Concen: 5.31 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP005376.D
Acq: 22 Apr 2021 15:25

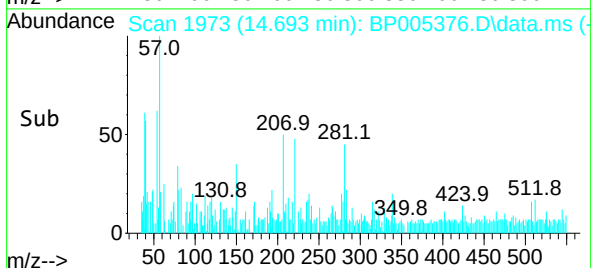
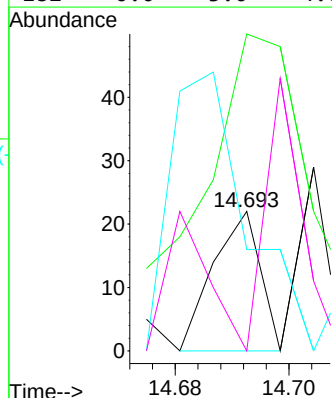
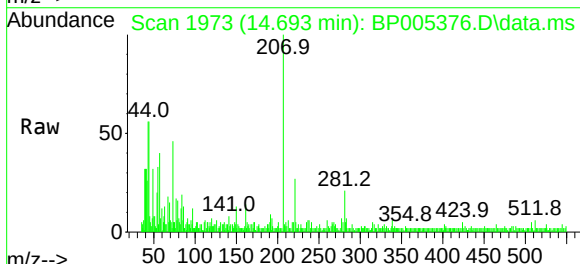
Instrument :
BNA_P
ClientSampled :
M-2

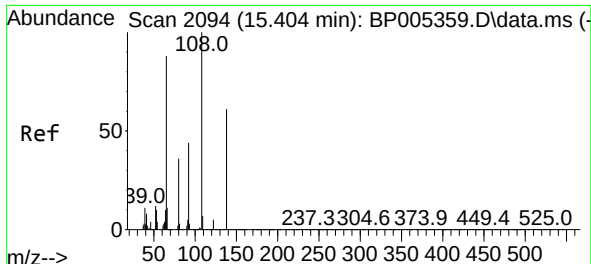
Tgt Ion:	139	Resp:	14
Ion	Ratio	Lower	Upper
139	100		
109	0.0	122.8	162.8#
65	0.0	110.0	150.0#



#57
2,4-Dinitrotoluene
Concen: 3.12 ng
RT: 14.693 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BP005376.D
Acq: 22 Apr 2021 15:25

Tgt Ion:	165	Resp:	13
Ion	Ratio	Lower	Upper
165	100		
63	227.3	56.7	85.1#
89	72.7	85.8	128.6#
182	0.0	3.0	4.6#

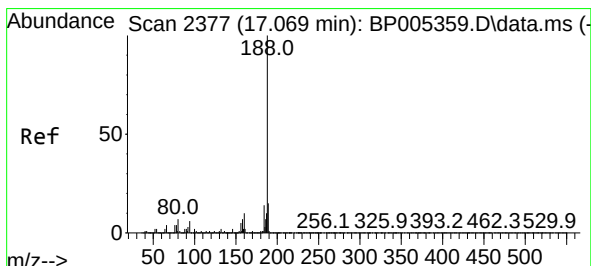
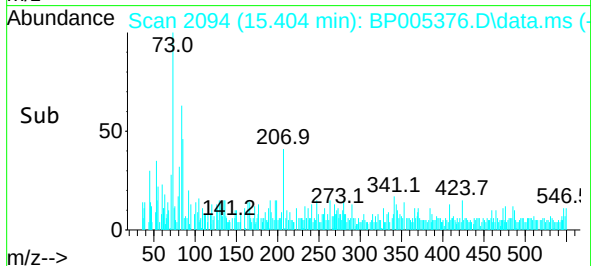
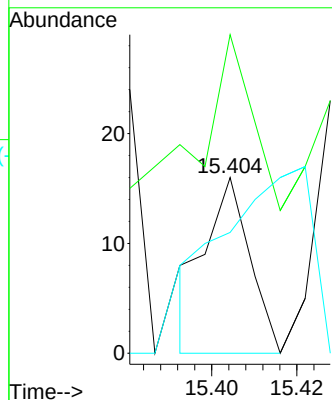
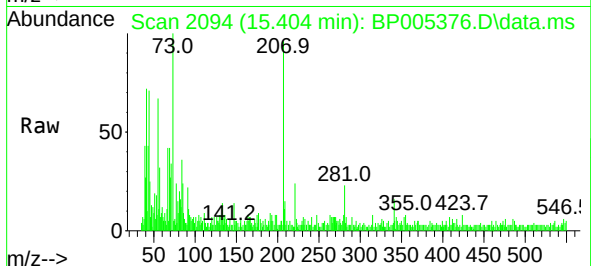




#62
4-Nitroaniline
Concen: 3.83 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BP005376.D
Acq: 22 Apr 2021 15:25

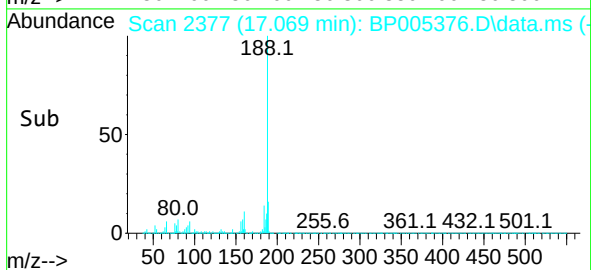
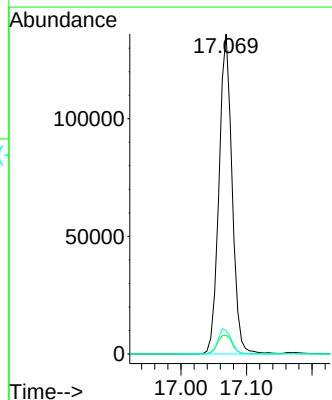
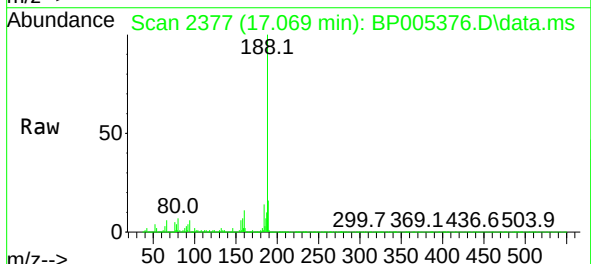
Instrument :
BNA_P
ClientSampled :
M-2

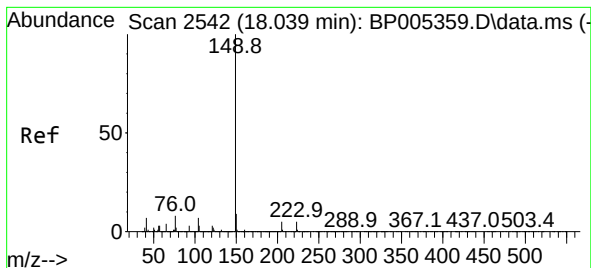
Tgt Ion:138 Resp: 11
Ion Ratio Lower Upper
138 100
92 181.3 50.9 90.9#
108 68.8 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005376.D
Acq: 22 Apr 2021 15:25

Tgt Ion:188 Resp: 187320
Ion Ratio Lower Upper
188 100
94 5.8 5.0 7.6
80 7.3 5.9 8.9





#74

Di-n-butylphthalate

Concen: 3.99 ng

RT: 18.034 min Scan# 2541

Delta R.T. -0.005 min

Lab File: BP005376.D

Acq: 22 Apr 2021 15:25

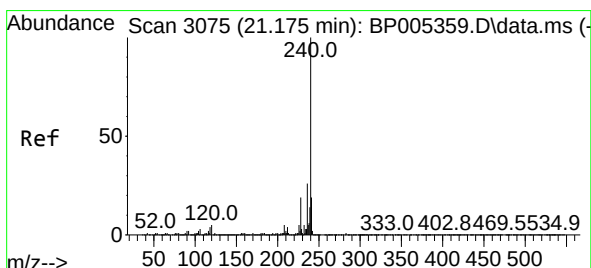
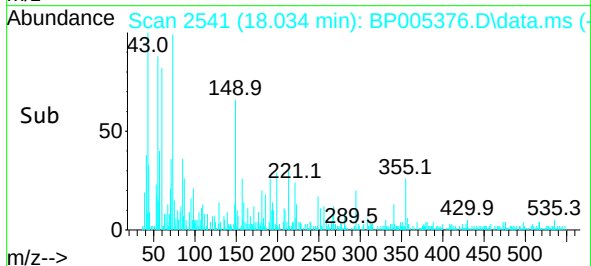
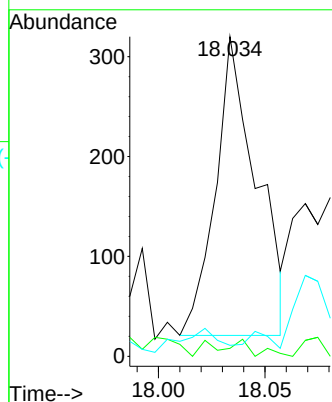
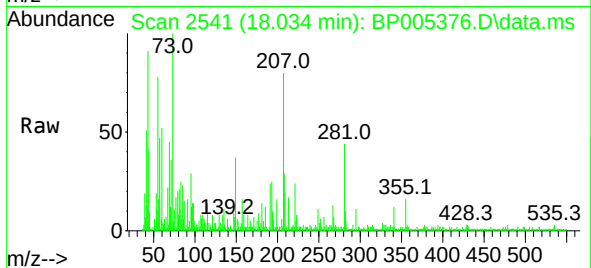
Instrument :

BNA_P

ClientSampleId :

M-2

Tgt Ion:	149	Resp:	401
Ion	Ratio	Lower	Upper
149	100		
150	2.5	7.6	11.4#
104	3.4	8.9	13.3#



#76

Chrysene-d12

Concen: 20.00 ng

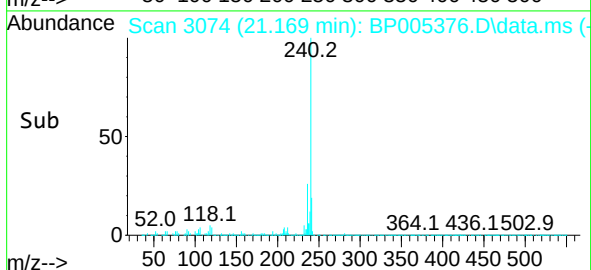
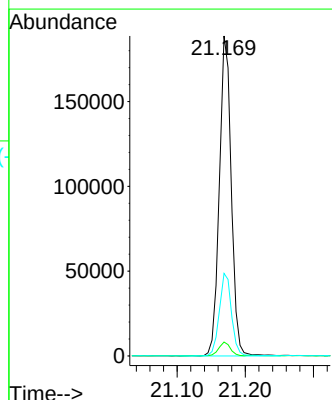
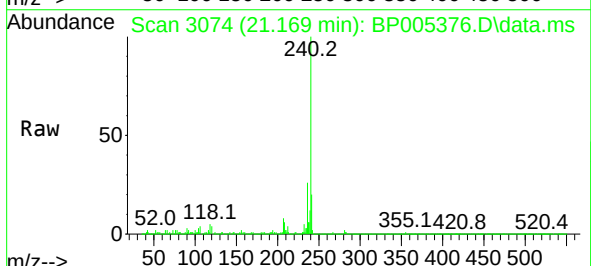
RT: 21.169 min Scan# 3074

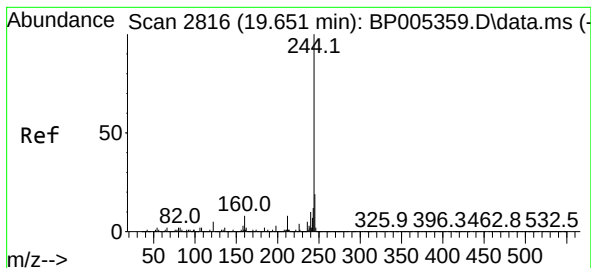
Delta R.T. -0.006 min

Lab File: BP005376.D

Acq: 22 Apr 2021 15:25

Tgt Ion:	240	Resp:	229628
Ion	Ratio	Lower	Upper
240	100		
120	4.4	4.2	6.2
236	25.8	20.2	30.2





#79

Terphenyl-d14

Concen: 63.75 ng

RT: 19.645 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BP005376.D

Acq: 22 Apr 2021 15:25

Instrument :

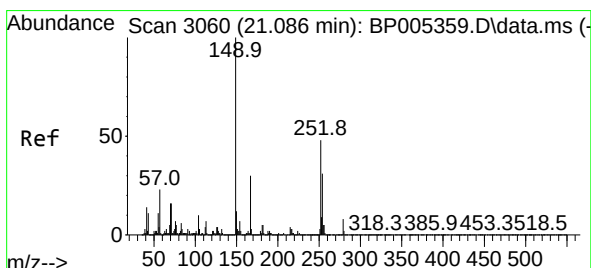
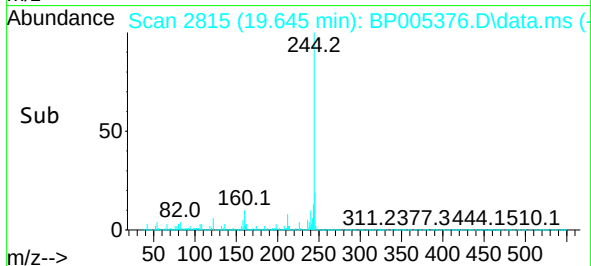
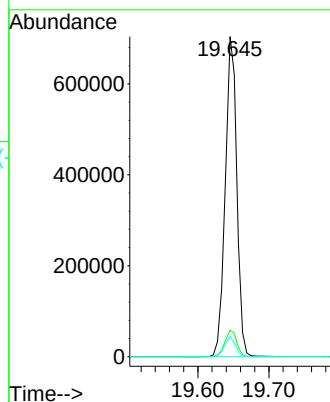
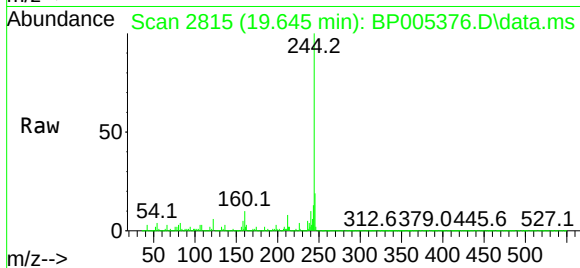
BNA_P

ClientSampleId :

M-2

Tgt Ion:244 Resp: 789996

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.6
122	6.2	5.2	7.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.16 ng

RT: 21.080 min Scan# 3059

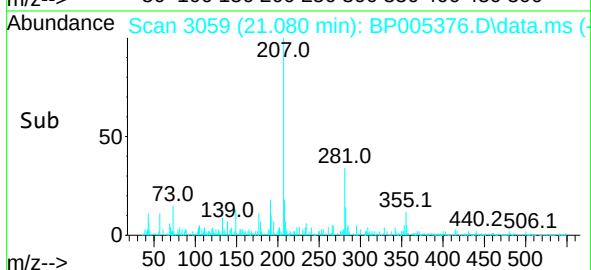
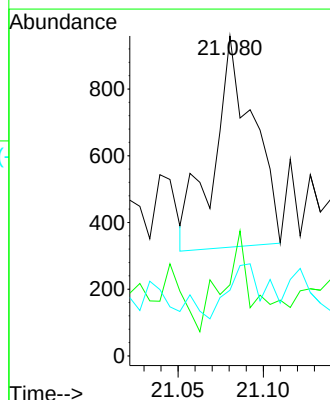
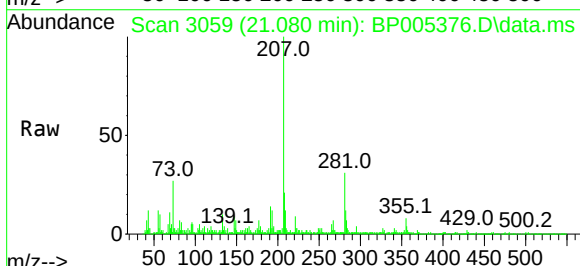
Delta R.T. -0.006 min

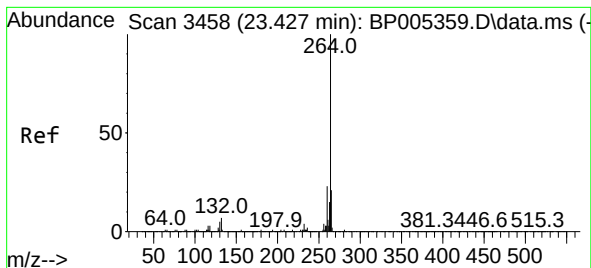
Lab File: BP005376.D

Acq: 22 Apr 2021 15:25

Tgt Ion:149 Resp: 1026

Ion	Ratio	Lower	Upper
149	100		
167	22.2	23.8	35.8#
279	20.5	5.7	8.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.427 min Scan# 3458
 Delta R.T. 0.000 min
 Lab File: BP005376.D
 Acq: 22 Apr 2021 15:25

Instrument :
 BNA_P
 ClientSampleId :
 M-2

Tgt Ion:264 Resp: 240559
 Ion Ratio Lower Upper
 264 100
 260 23.4 20.6 30.8
 265 21.9 19.0 28.6

