

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041621\
 Data File : BP005324.D
 Acq On : 16 Apr 2021 18:14
 Operator : CG/JU
 Sample : M2049-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-11-0-2.0

Quant Time: Apr 17 00:42:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 11:02:58 2021
 Response via : Initial Calibration

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

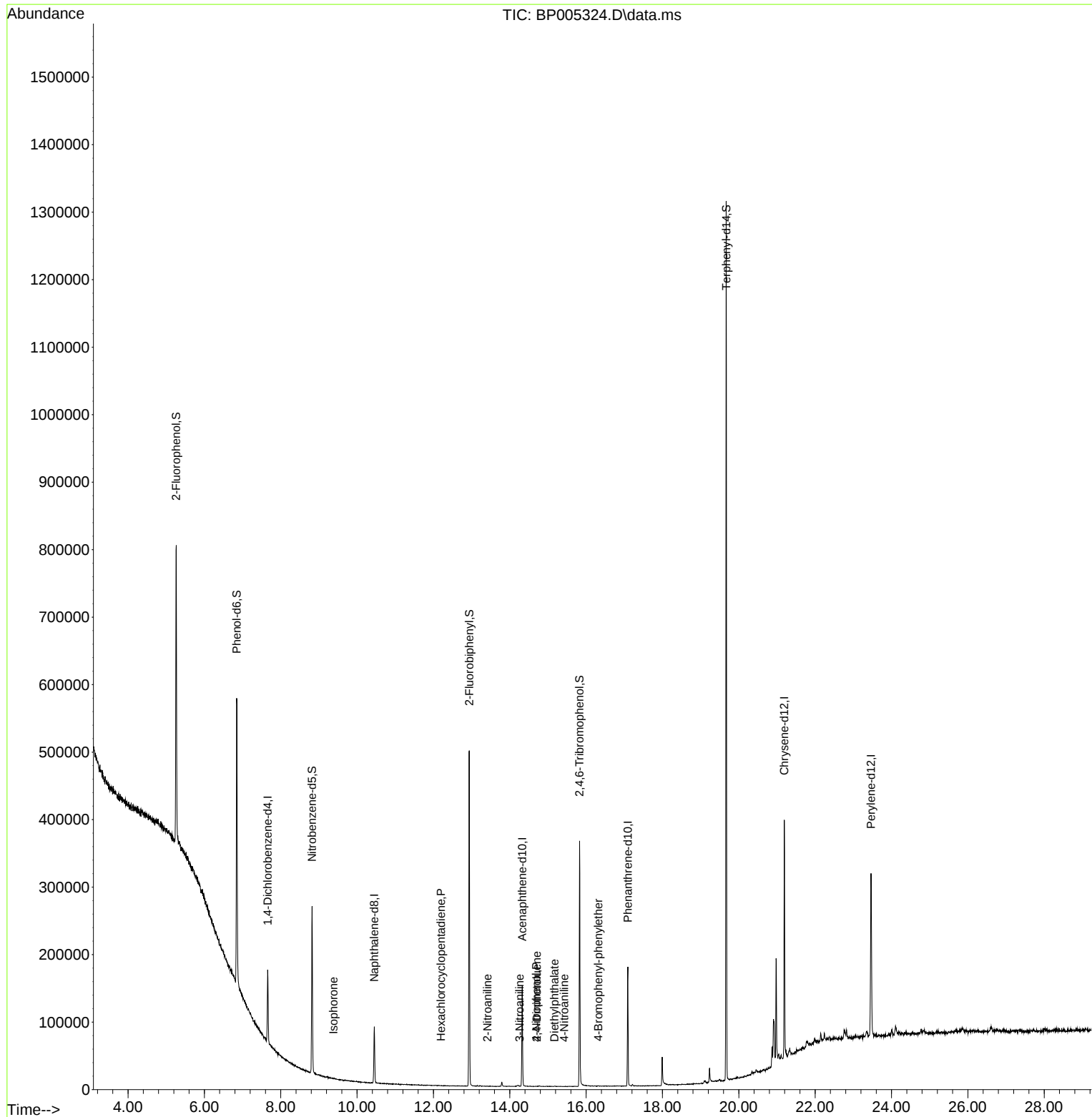
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	26330	20.00	ng	0.00
21) Naphthalene-d8	10.452	136	59391	20.00	ng	# 0.00
39) Acenaphthene-d10	14.328	164	38533	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	93160	20.00	ng	# 0.00
76) Chrysene-d12	21.192	240	144682	20.00	ng	0.00
86) Perylene-d12	23.463	264	158262	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.264	112	209342	96.94	ng	0.00
7) Phenol-d6	6.846	99	229740	91.99	ng	0.00
23) Nitrobenzene-d5	8.822	82	139717	72.65	ng	0.00
42) 2,4,6-Tribromophenol	15.828	330	58149	113.53	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	215221	74.19	ng	0.00
79) Terphenyl-d14	19.669	244	492883	67.29	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.381	82	29	2.61	ng	# 81
41) Hexachlorocyclopentadiene	12.199	237	17	7.82	ng	82
48) 2-Nitroaniline	13.416	65	10	4.06	ng	# 46
53) 3-Nitroaniline	14.257	138	6	3.12	ng	# 35
56) 4-Nitrophenol	14.698	139	11	6.01	ng	87
57) 2,4-Dinitrotoluene	14.710	165	20	3.44	ng	# 68
60) Diethylphthalate	15.169	149	25	4.14	ng	# 72
62) 4-Nitroaniline	15.428	138	12	3.95	ng	# 44
67) 4-Bromophenyl-phenylether	16.322	248	10	3.46	ng	85

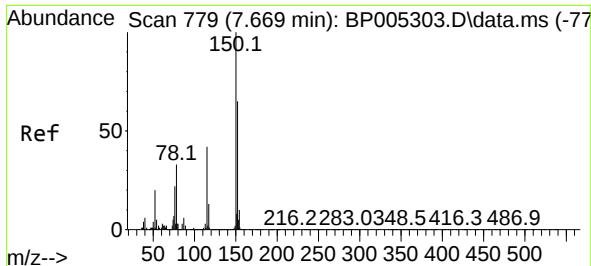
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_P
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QLast Update : Fri Apr 16 11:02:58 2021
Response via : Initial Calibration

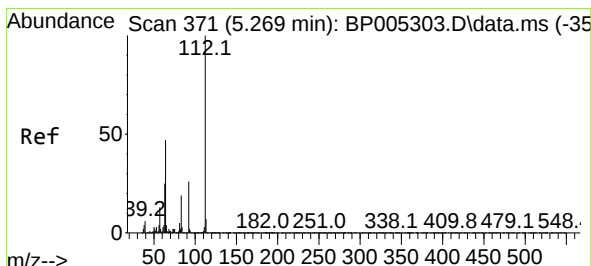
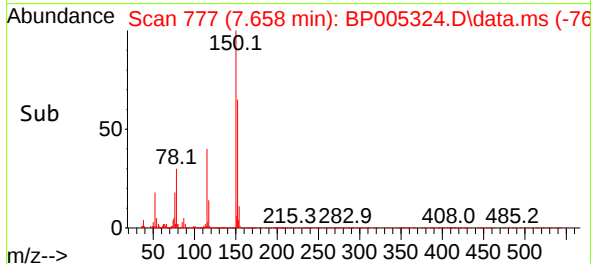
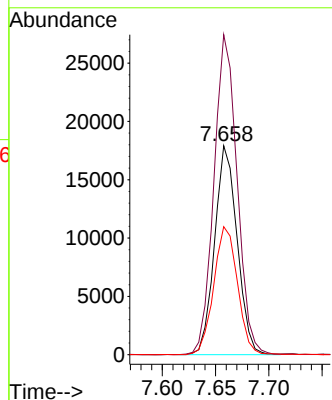
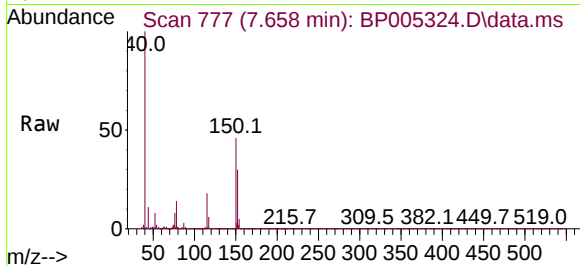




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.658 min Scan# 777
Delta R.T. -0.005 min
Lab File: BP005324.D
Acq: 16 Apr 2021 18:14

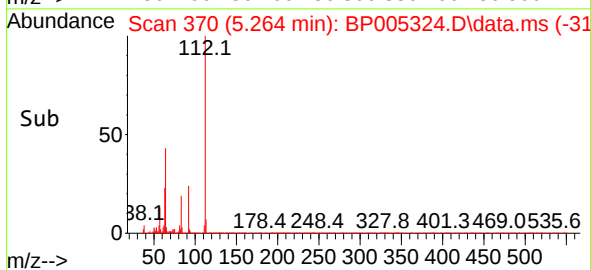
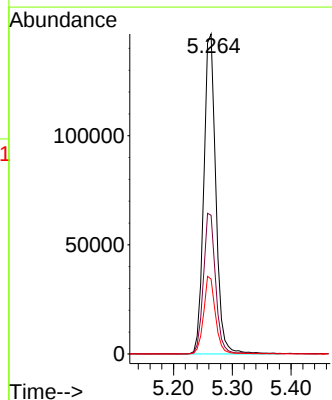
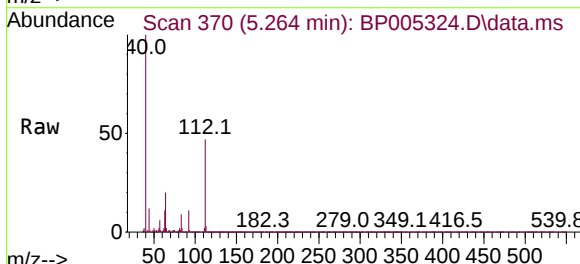
Instrument :
BNA_P
ClientSampleId :
SB-11-0-2.0

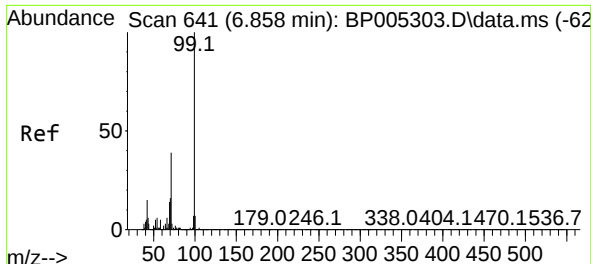
Tgt Ion:152 Resp: 26330
Ion Ratio Lower Upper
152 100
150 153.1 122.9 184.3
115 61.3 52.2 78.2



#5
2-Fluorophenol
Concen: 96.94 ng
RT: 5.264 min Scan# 370
Delta R.T. 0.000 min
Lab File: BP005324.D
Acq: 16 Apr 2021 18:14

Tgt Ion:112 Resp: 209342
Ion Ratio Lower Upper
112 100
64 43.4 37.6 56.4
63 23.4 20.4 30.6

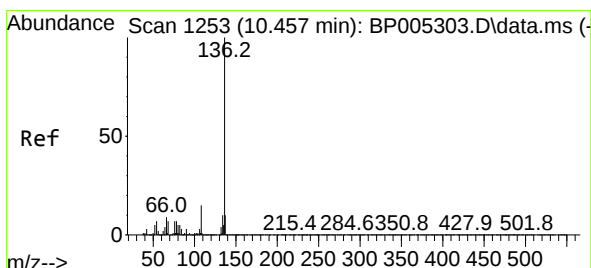
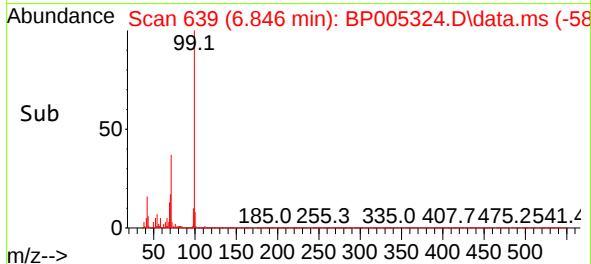
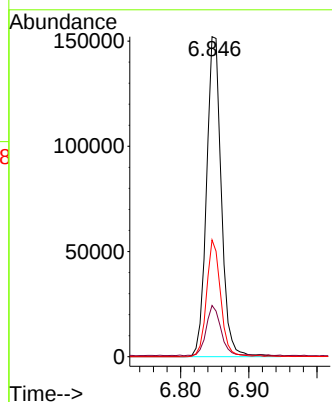
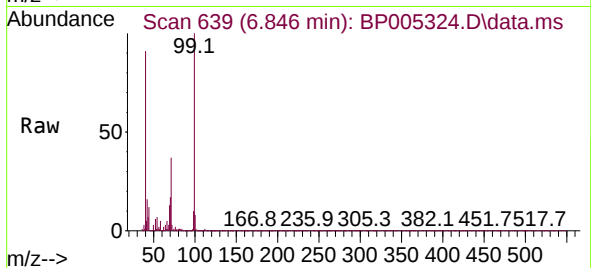




#7
Phenol-d6
Concen: 91.99 ng
RT: 6.846 min Scan# 639
Delta R.T. -0.006 min
Lab File: BP005324.D
Acq: 16 Apr 2021 18:14

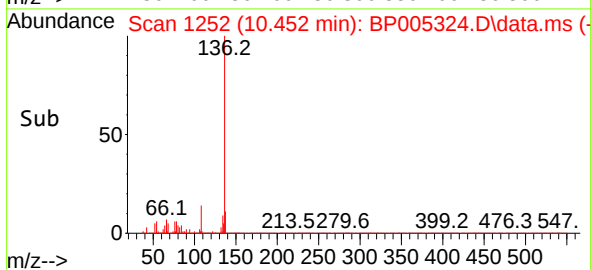
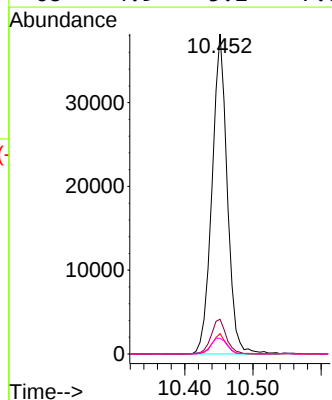
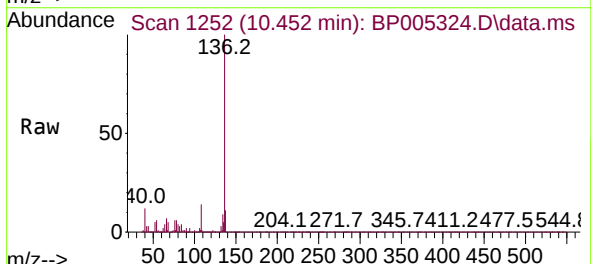
Instrument :
BNA_P
ClientSampleId :
SB-11-0-2.0

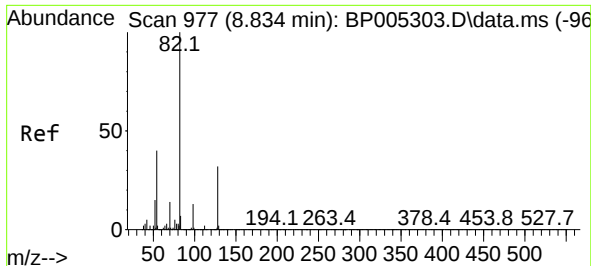
Tgt Ion: 99 Resp: 229740
Ion Ratio Lower Upper
99 100
42 16.0 12.0 18.0
71 36.5 31.4 47.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.452 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BP005324.D
Acq: 16 Apr 2021 18:14

Tgt Ion: 136 Resp: 59391
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.4 5.8 8.8
68 4.9 5.2 7.8#

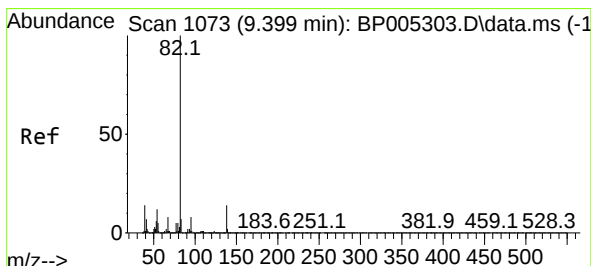
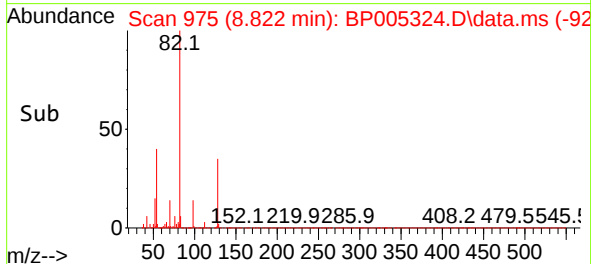
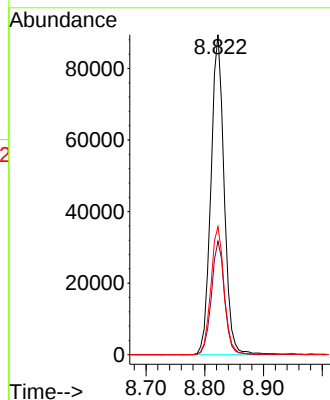
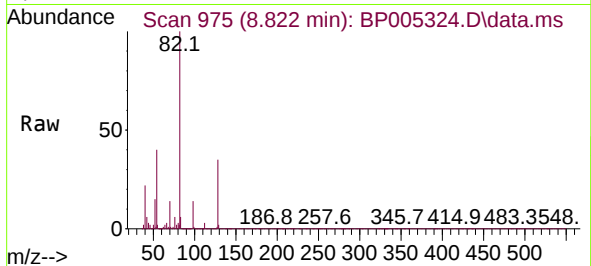




#23
Nitrobenzene-d5
Concen: 72.65 ng
RT: 8.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BP005324.D
Acq: 16 Apr 2021 18:14

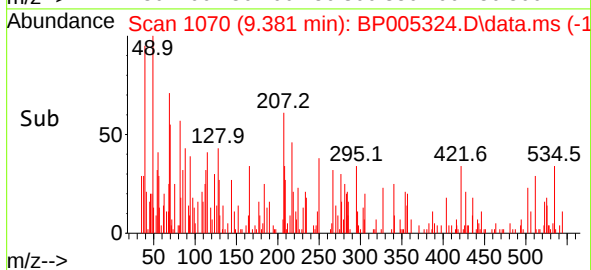
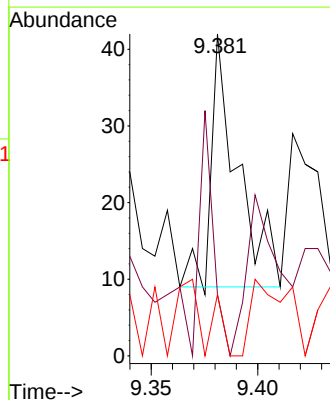
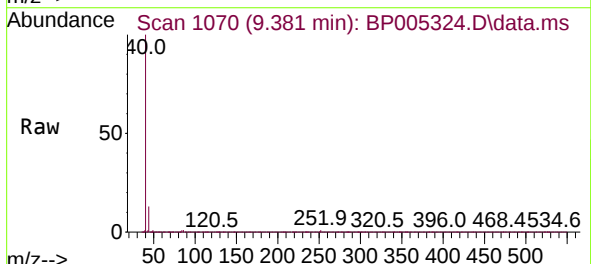
Instrument :
BNA_P
ClientSampleId :
SB-11-0-2.0

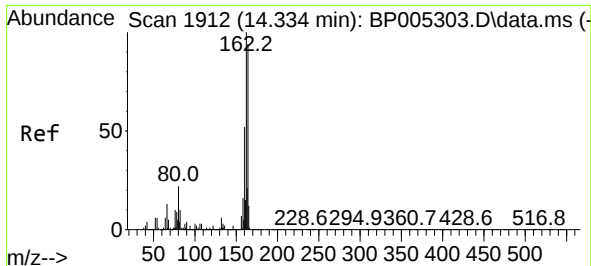
Tgt Ion: 82 Resp: 139717
Ion Ratio Lower Upper
82 100
128 35.5 25.3 37.9
54 40.0 31.7 47.5



#25
Isophorone
Concen: 2.61 ng
RT: 9.381 min Scan# 1070
Delta R.T. -0.012 min
Lab File: BP005324.D
Acq: 16 Apr 2021 18:14

Tgt Ion: 82 Resp: 29
Ion Ratio Lower Upper
82 100
95 19.0 6.6 10.0#
138 19.0 11.0 16.6#

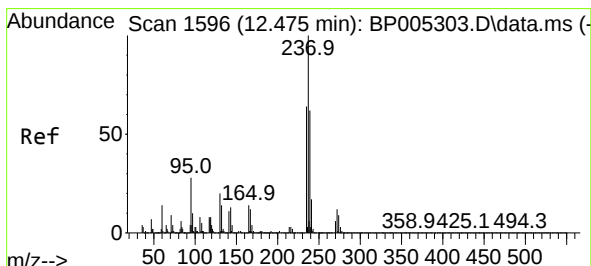
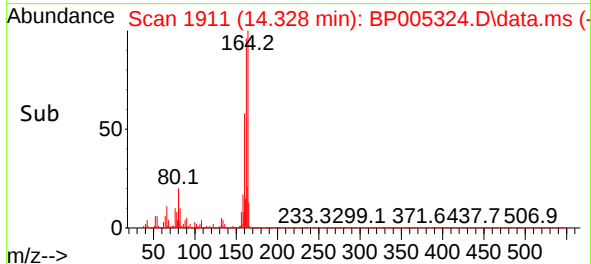
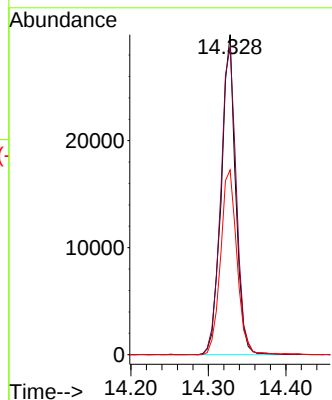
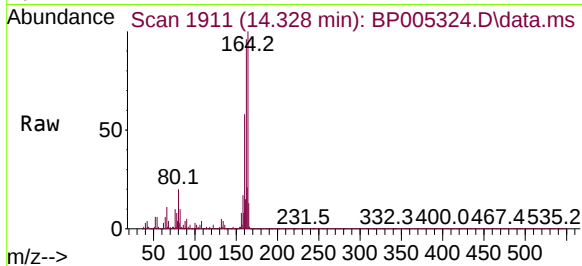




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.328 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BP005324.D
Acq: 16 Apr 2021 18:14

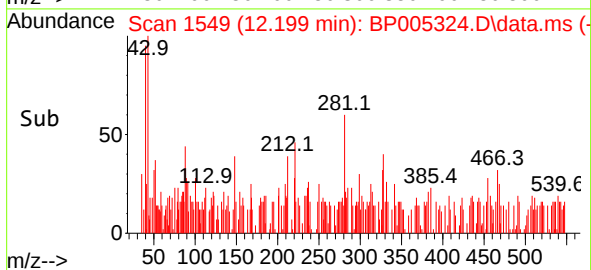
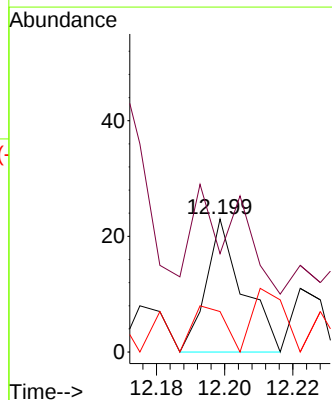
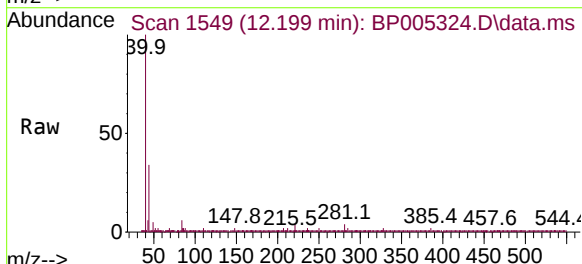
Instrument :
BNA_P
ClientSampleId :
SB-11-0-2.0

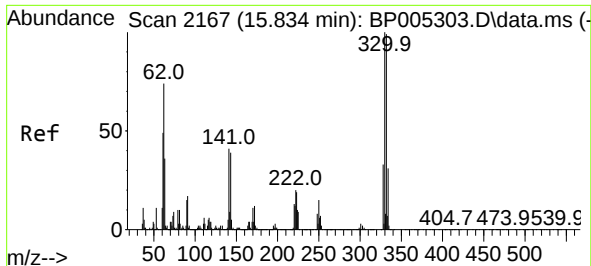
Tgt Ion:164 Resp: 38533
Ion Ratio Lower Upper
164 100
162 96.1 84.8 127.2
160 57.7 44.2 66.4



#41
Hexachlorocyclopentadiene
Concen: 7.82 ng
RT: 12.199 min Scan# 1549
Delta R.T. -0.270 min
Lab File: BP005324.D
Acq: 16 Apr 2021 18:14

Tgt Ion:237 Resp: 17
Ion Ratio Lower Upper
237 100
235 73.9 44.0 84.0
272 30.4 0.0 31.7

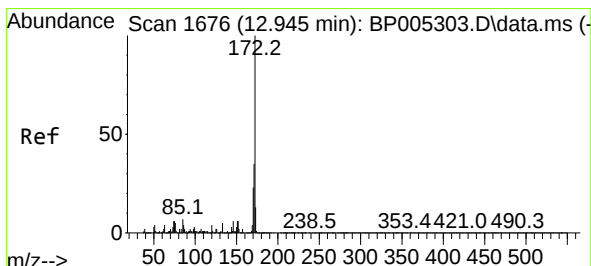
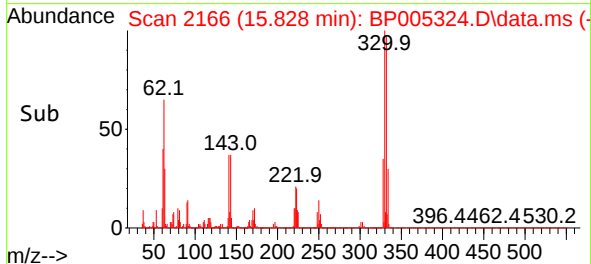
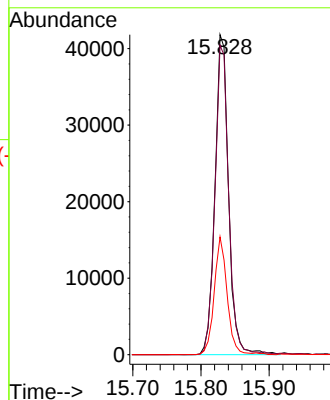
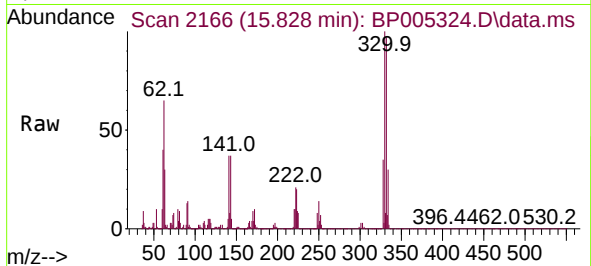




#42
2,4,6-Tribromophenol
Concen: 113.53 ng
RT: 15.828 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BP005324.D
Acq: 16 Apr 2021 18:14

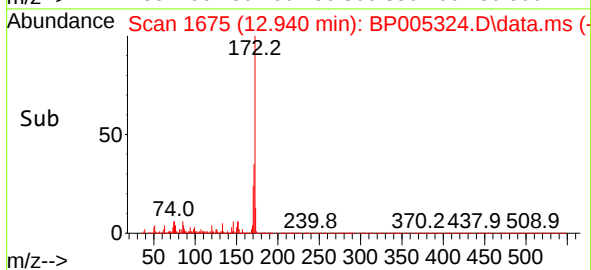
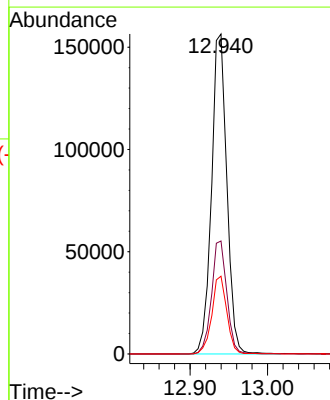
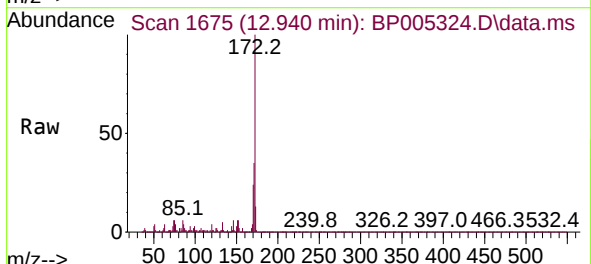
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ClientSampleId :
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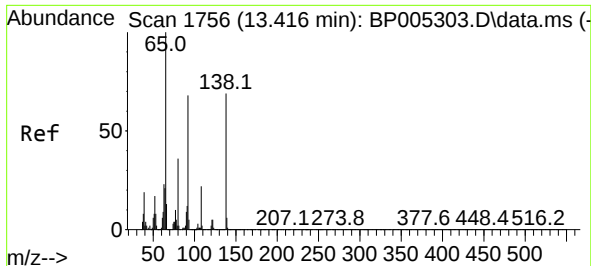
Tgt Ion:330 Resp: 58149
Ion Ratio Lower Upper
330 100
332 97.7 78.6 118.0
141 35.2 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 74.19 ng
RT: 12.940 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP005324.D
Acq: 16 Apr 2021 18:14

Tgt Ion:172 Resp: 215221
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 24.3 18.7 28.1

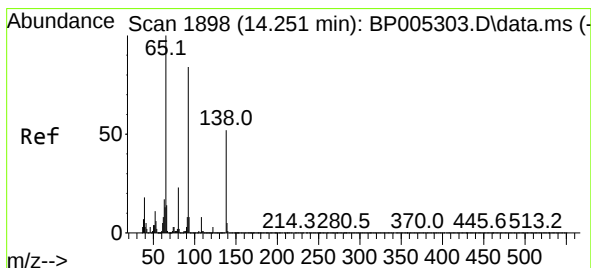
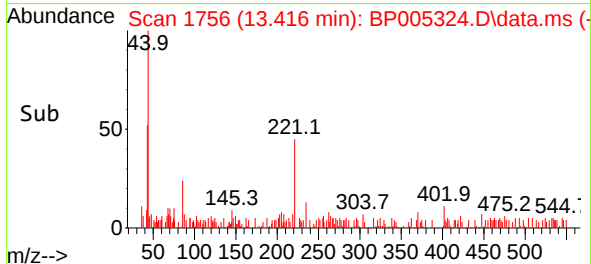
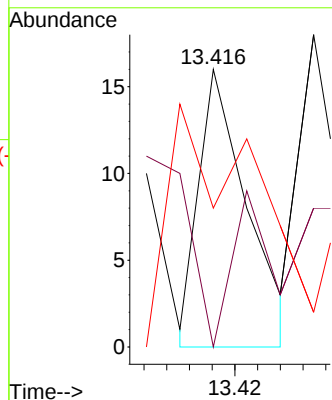
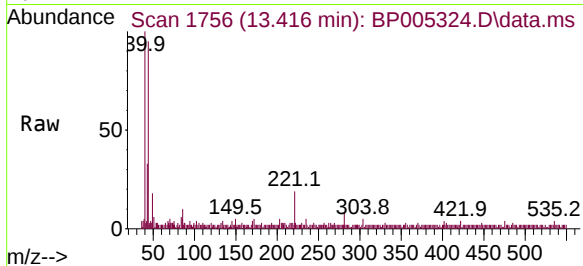




#48
2-Nitroaniline
Concen: 4.06 ng
RT: 13.416 min Scan# 1756
Delta R.T. 0.006 min
Lab File: BP005324.D
Acq: 16 Apr 2021 18:14

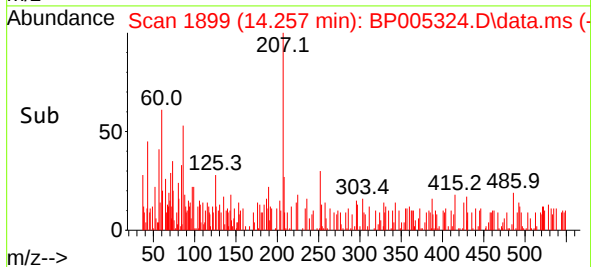
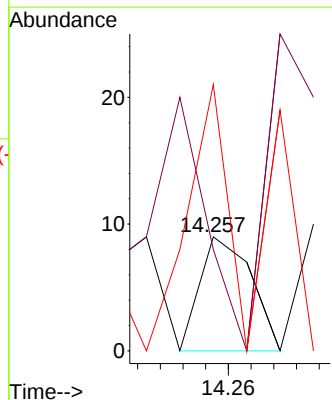
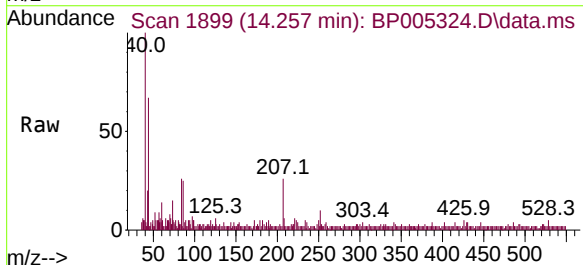
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BNA_P
ClientSampled :
SB-11-0-2.0

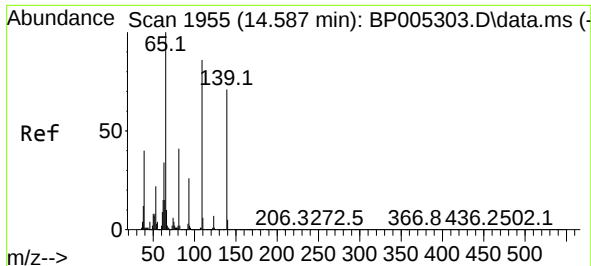
Tgt Ion: 65 Resp: 10
Ion Ratio Lower Upper
65 100
92 0.0 54.6 82.0#
138 50.0 55.4 83.0#



#53
3-Nitroaniline
Concen: 3.12 ng
RT: 14.257 min Scan# 1899
Delta R.T. 0.006 min
Lab File: BP005324.D
Acq: 16 Apr 2021 18:14

Tgt Ion: 138 Resp: 6
Ion Ratio Lower Upper
138 100
108 88.9 11.8 17.8#
92 233.3 129.0 193.4#

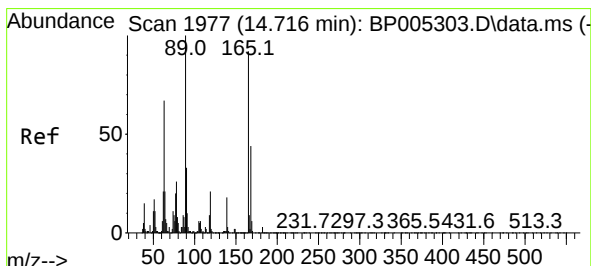
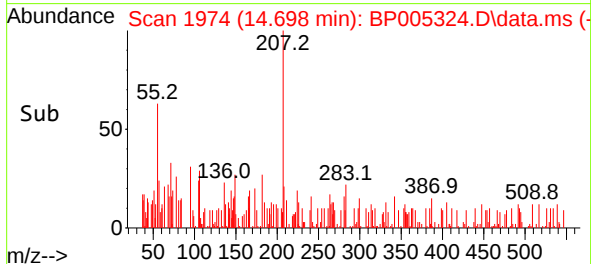
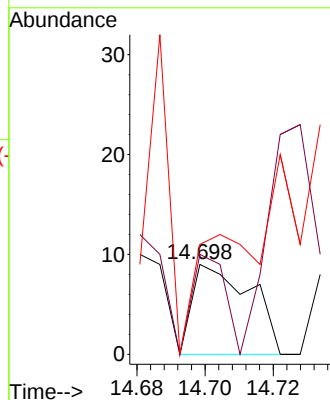
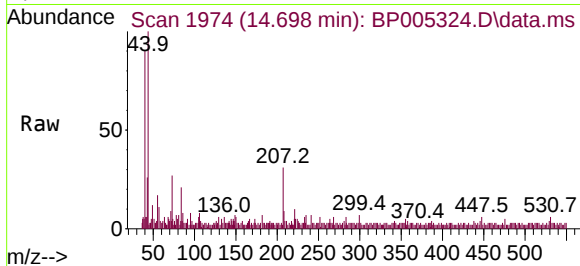




#56
4-Nitrophenol
Concen: 6.01 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.118 min
Lab File: BP005324.D
Acq: 16 Apr 2021 18:14

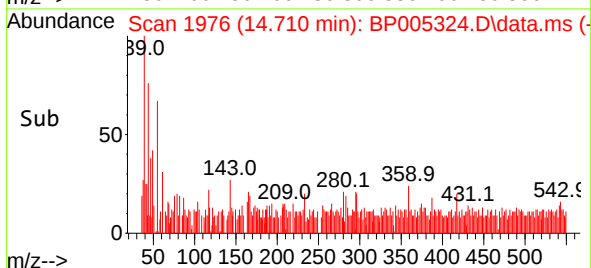
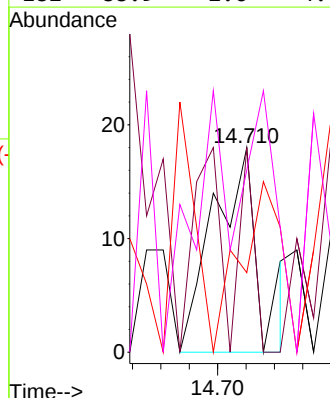
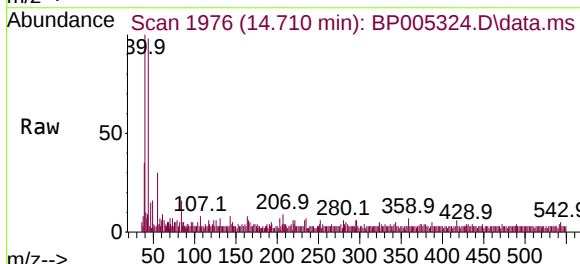
Instrument :
BNA_P
ClientSampleId :
SB-11-0-2.0

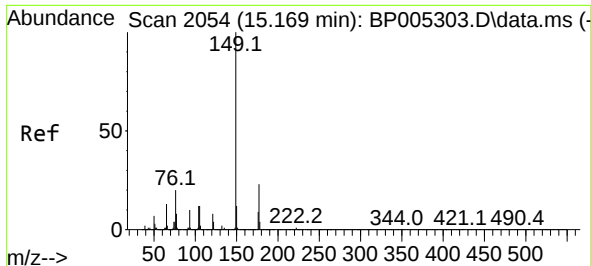
Tgt Ion:	139	Resp:	11
Ion	Ratio	Lower	Upper
139	100		
109	111.1	101.8	141.8
65	122.2	121.3	161.3



#57
2,4-Dinitrotoluene
Concen: 3.44 ng
RT: 14.710 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP005324.D
Acq: 16 Apr 2021 18:14

Tgt Ion:	165	Resp:	20
Ion	Ratio	Lower	Upper
165	100		
63	100.0	58.3	87.5#
89	83.3	87.0	130.4#
182	88.9	2.6	4.0#

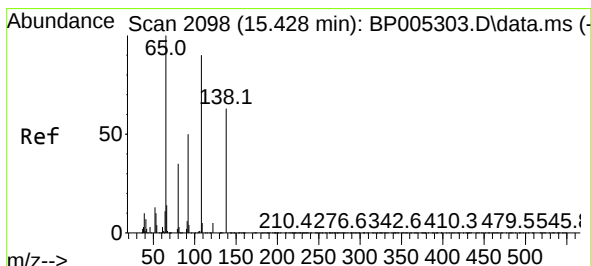
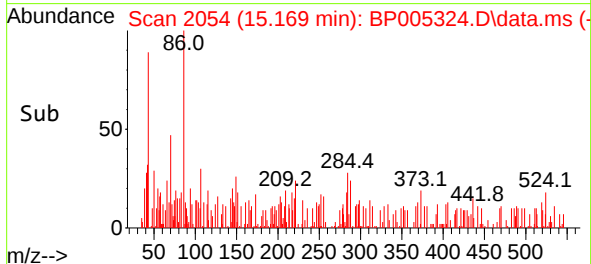
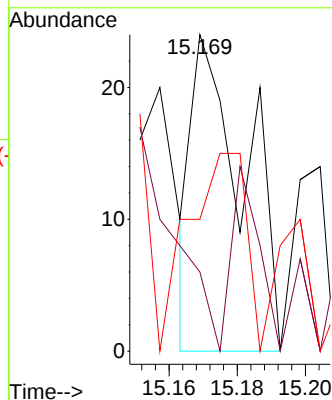
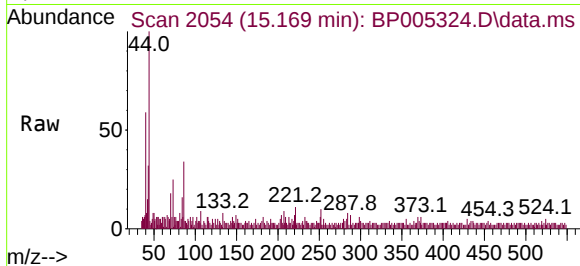




#60
Diethylphthalate
Concen: 4.14 ng
RT: 15.169 min Scan# 2054
Delta R.T. 0.006 min
Lab File: BP005324.D
Acq: 16 Apr 2021 18:14

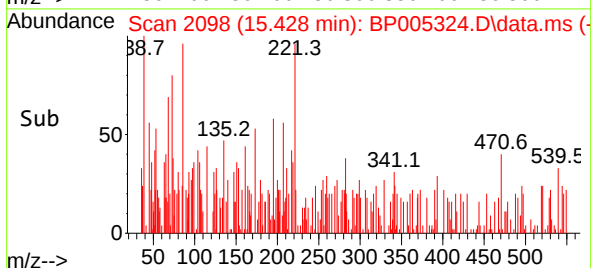
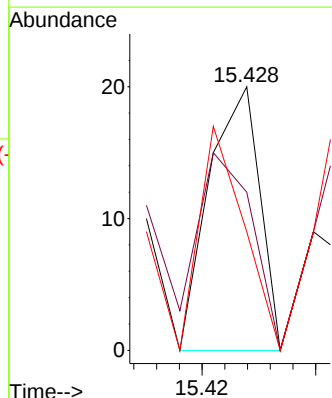
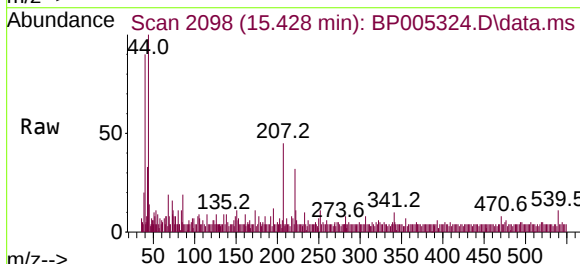
Instrument :
BNA_P
ClientSampleId :
SB-11-0-2.0

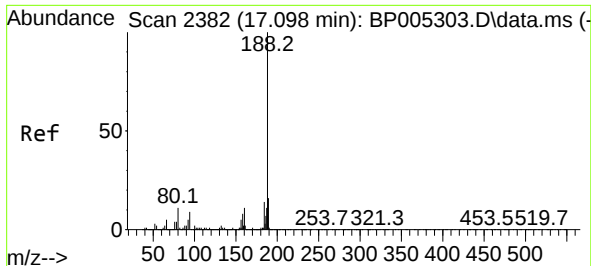
Tgt Ion:	149	Resp:	25
Ion Ratio	Lower	Upper	
149	100		
177	25.0	18.6	27.8
150	41.7	9.8	14.8#



#62
4-Nitroaniline
Concen: 3.95 ng
RT: 15.428 min Scan# 2098
Delta R.T. 0.006 min
Lab File: BP005324.D
Acq: 16 Apr 2021 18:14

Tgt Ion:	138	Resp:	12
Ion Ratio	Lower	Upper	
138	100		
92	60.0	57.0	97.0
108	45.0	115.8	155.8#

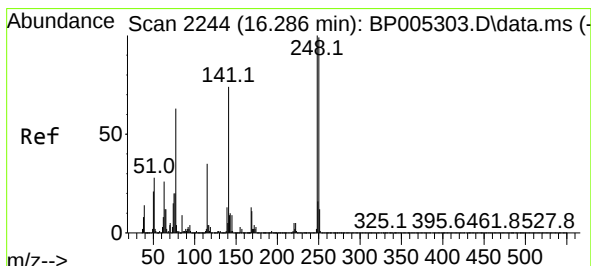
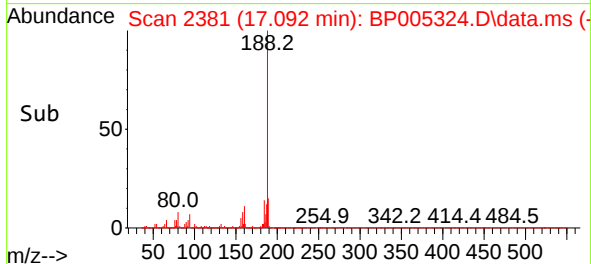
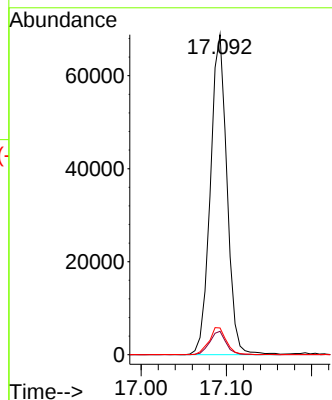
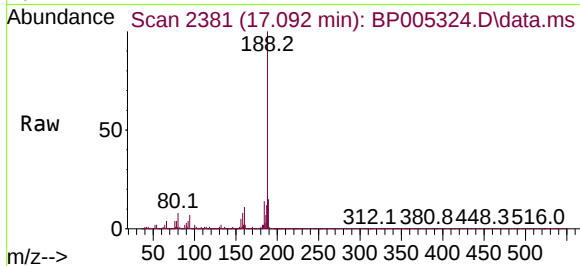




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. 0.000 min
Lab File: BP005324.D
Acq: 16 Apr 2021 18:14

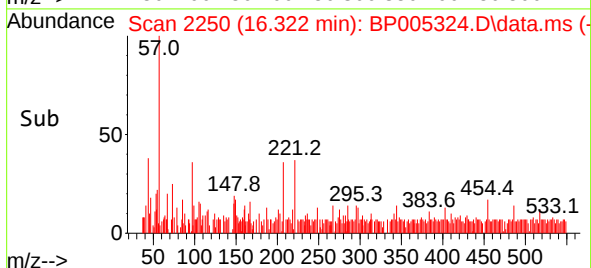
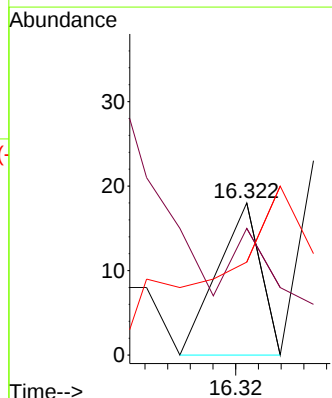
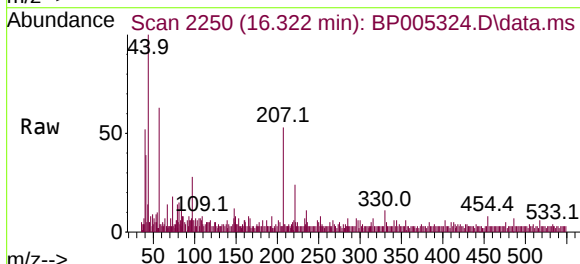
Instrument :
BNA_P
ClientSampleId :
SB-11-0-2.0

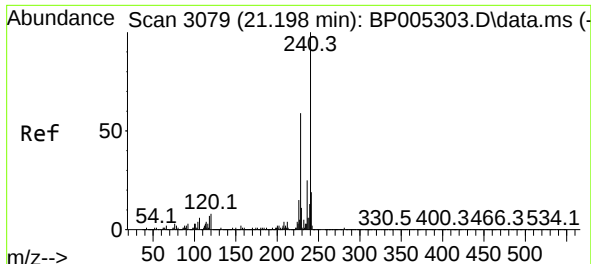
Tgt Ion:188 Resp: 93160
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.3 8.4 12.6#



#67
4-Bromophenyl-phenylether
Concen: 3.46 ng
RT: 16.322 min Scan# 2250
Delta R.T. 0.041 min
Lab File: BP005324.D
Acq: 16 Apr 2021 18:14

Tgt Ion:248 Resp: 10
Ion Ratio Lower Upper
248 100
250 83.3 79.0 118.6
141 61.1 59.0 88.4

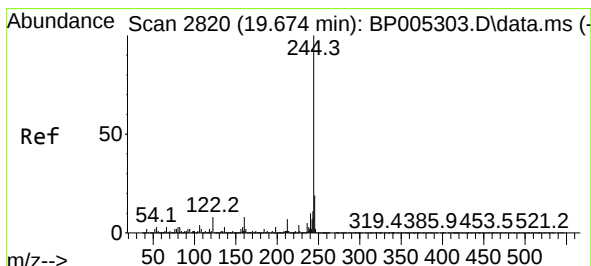
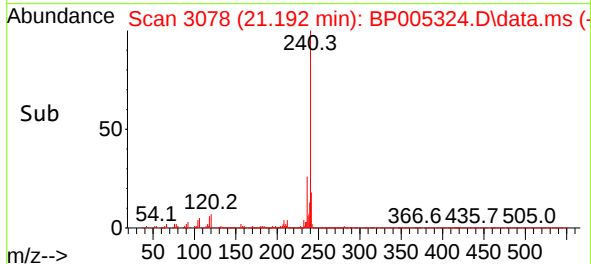
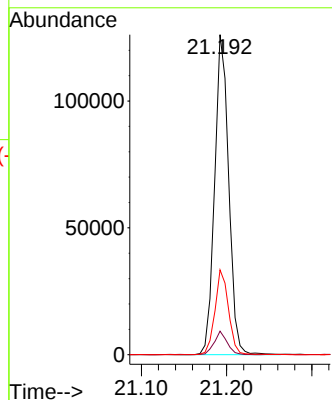
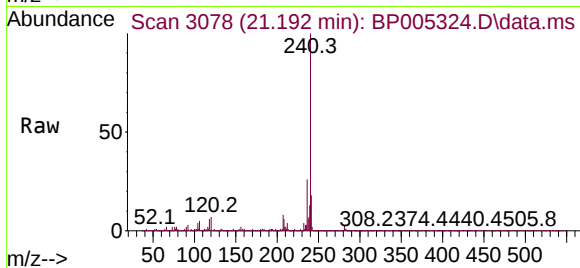




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BP005324.D
Acq: 16 Apr 2021 18:14

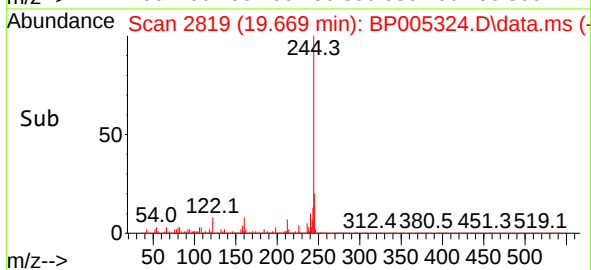
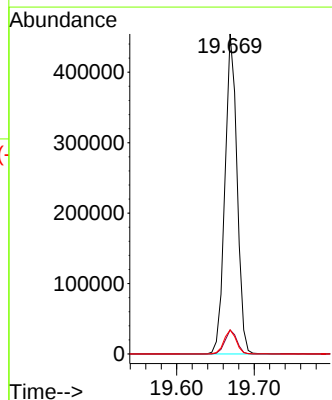
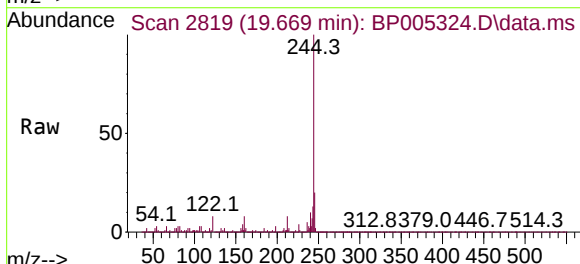
Instrument :
BNA_P
ClientSampleId :
SB-11-0-2.0

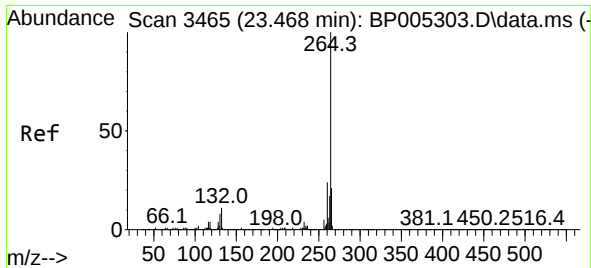
Tgt Ion:240 Resp: 144682
Ion Ratio Lower Upper
240 100
120 7.3 6.5 9.7
236 26.5 19.8 29.6



#79
Terphenyl-d14
Concen: 67.29 ng
RT: 19.669 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BP005324.D
Acq: 16 Apr 2021 18:14

Tgt Ion:244 Resp: 492883
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 7.5 6.7 10.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.463 min Scan# 3464
 Delta R.T. 0.000 min
 Lab File: BP005324.D
 Acq: 16 Apr 2021 18:14

Instrument :
 BNA_P
 ClientSampleId :
 SB-11-0-2.0

Tgt Ion:264	Resp: 158262
Ion Ratio	Lower Upper
264	100
260	22.2 19.0 28.6
265	22.1 17.0 25.6

