

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041621\
 Data File : BP005323.D
 Acq On : 16 Apr 2021 17:40
 Operator : CG/JU
 Sample : M2049-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-12-0-2.0

Quant Time: Apr 17 00:42:29 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)

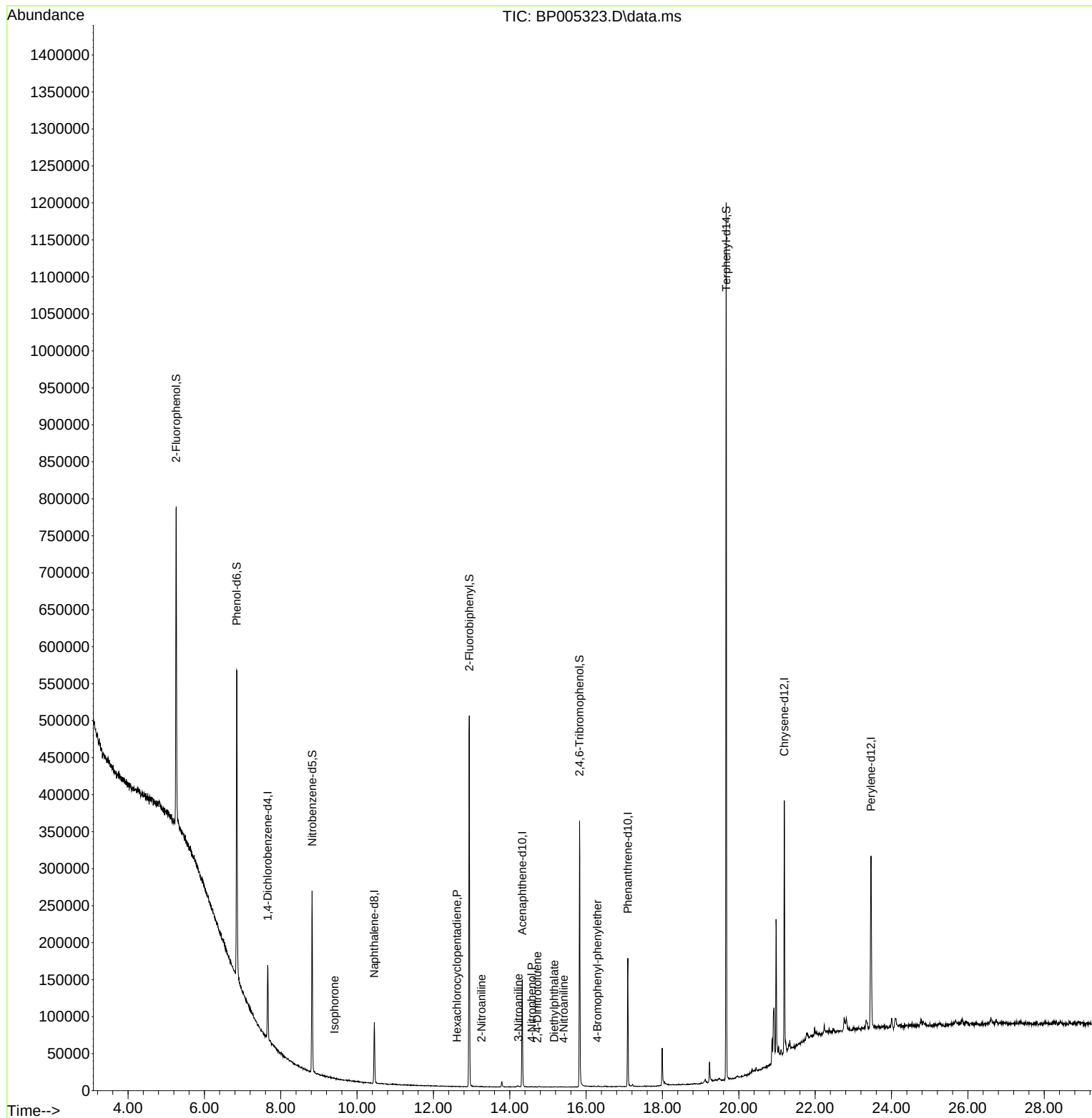
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	24975	20.00	ng	0.00
21) Naphthalene-d8	10.452	136	58597	20.00	ng	0.00
39) Acenaphthene-d10	14.328	164	37959	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	89522	20.00	ng	0.00
76) Chrysene-d12	21.192	240	145936	20.00	ng	0.00
86) Perylene-d12	23.463	264	155540	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.264	112	206844	100.98	ng	0.00
7) Phenol-d6	6.846	99	225371	95.14	ng	0.00
23) Nitrobenzene-d5	8.822	82	139660	73.61	ng	0.00
42) 2,4,6-Tribromophenol	15.828	330	56785	112.54	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	206152	72.14	ng	0.00
79) Terphenyl-d14	19.669	244	451648	61.13	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.405	82	20	2.61	ng	# 32
41) Hexachlorocyclopentadiene	12.616	237	12	7.81	ng	75
48) 2-Nitroaniline	13.263	65	9	4.06	ng	94
53) 3-Nitroaniline	14.228	138	17	3.14	ng	# 1
56) 4-Nitrophenol	14.575	139	7	6.00	ng	# 67
57) 2,4-Dinitrotoluene	14.722	165	6	3.42	ng	# 53
60) Diethylphthalate	15.163	149	192	4.20	ng	# 65
62) 4-Nitroaniline	15.416	138	10	3.94	ng	# 1
67) 4-Bromophenyl-phenylether	16.293	248	9	3.46	ng	86

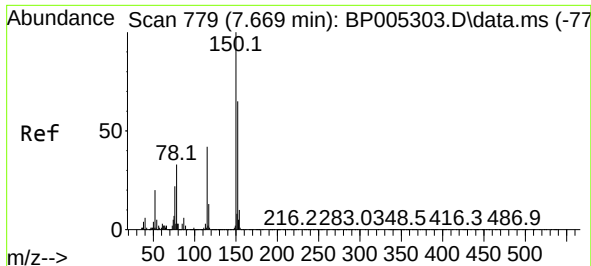
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 16 11:02:58 2021
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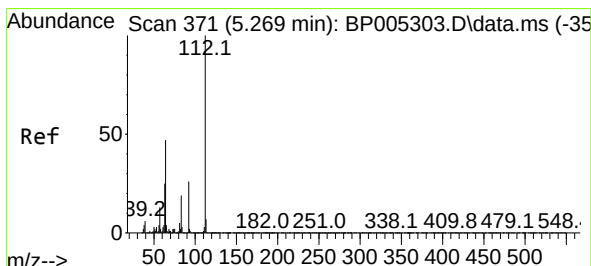
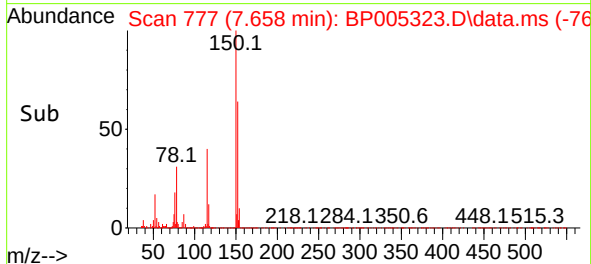
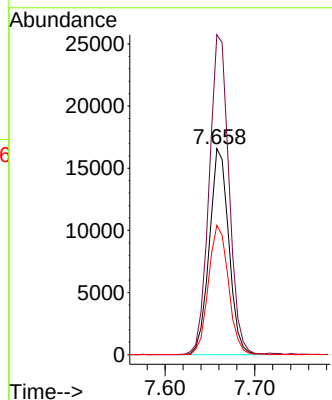
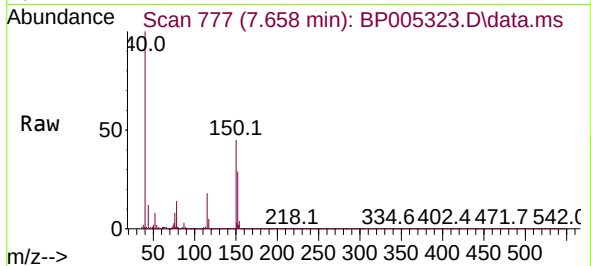




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.658 min Scan# 777
Delta R.T. -0.005 min
Lab File: BP005323.D
Acq: 16 Apr 2021 17:40

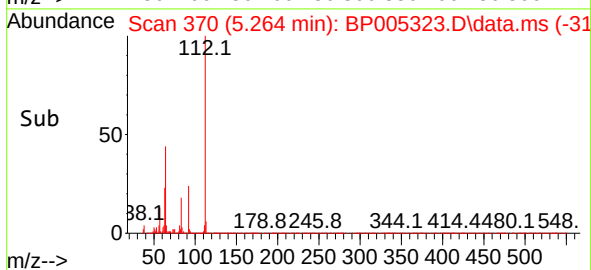
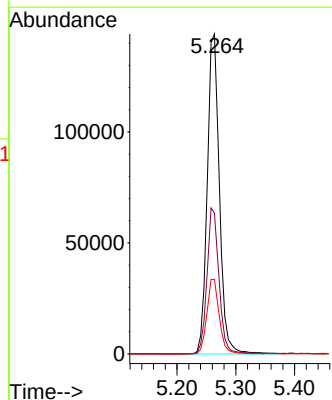
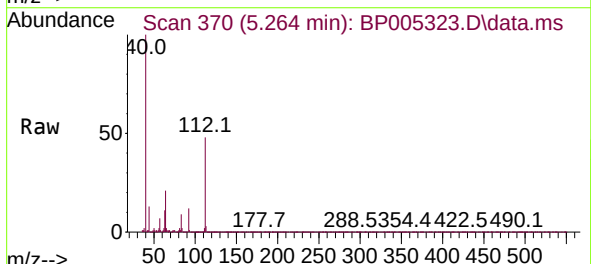
Instrument :
BNA_P
ClientSampleId :
SB-12-0-2.0

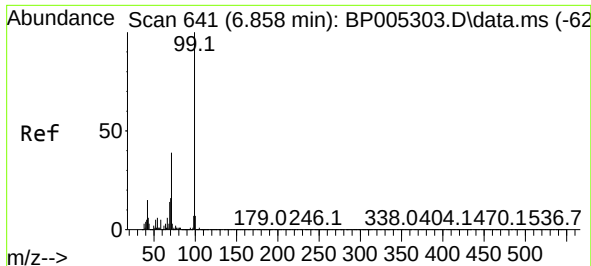
Tgt Ion:152 Resp: 24975
Ion Ratio Lower Upper
152 100
150 155.3 122.9 184.3
115 62.7 52.2 78.2



#5
2-Fluorophenol
Concen: 100.98 ng
RT: 5.264 min Scan# 370
Delta R.T. 0.000 min
Lab File: BP005323.D
Acq: 16 Apr 2021 17:40

Tgt Ion:112 Resp: 206844
Ion Ratio Lower Upper
112 100
64 44.0 37.6 56.4
63 23.3 20.4 30.6

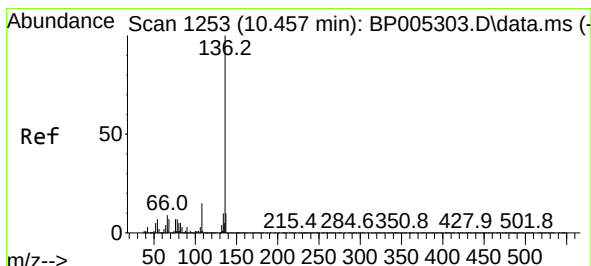
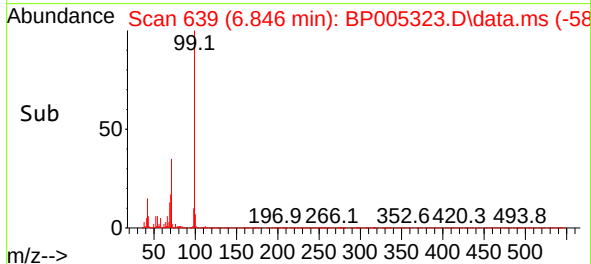
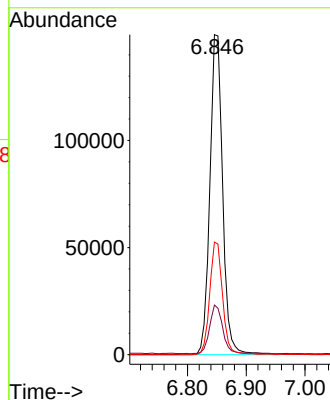
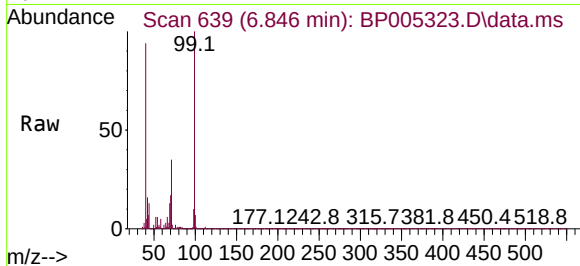




#7
Phenol-d6
Concen: 95.14 ng
RT: 6.846 min Scan# 639
Delta R.T. -0.006 min
Lab File: BP005323.D
Acq: 16 Apr 2021 17:40

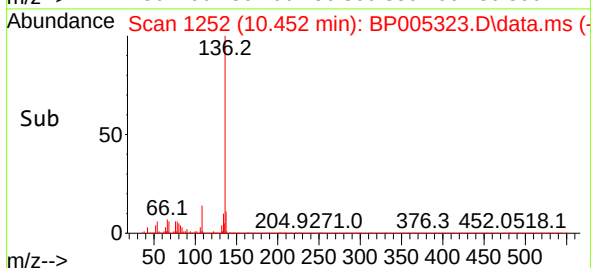
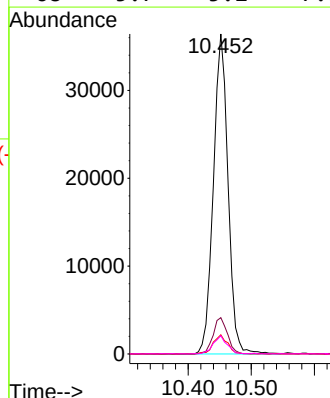
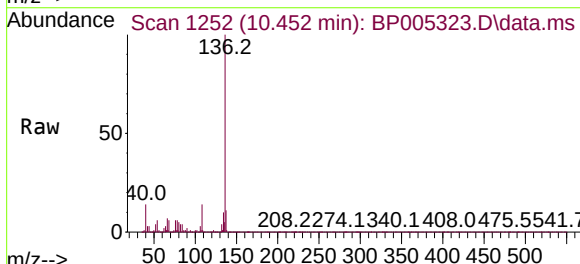
Instrument :
BNA_P
ClientSampleId :
SB-12-0-2.0

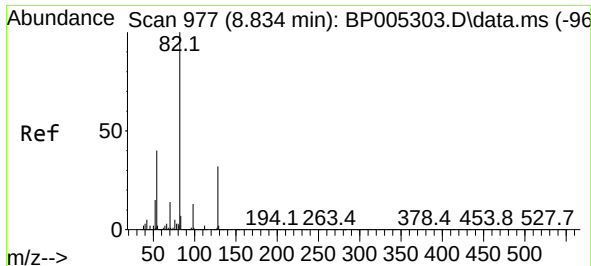
Tgt Ion: 99 Resp: 225371
Ion Ratio Lower Upper
99 100
42 15.5 12.0 18.0
71 35.2 31.4 47.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.452 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BP005323.D
Acq: 16 Apr 2021 17:40

Tgt Ion: 136 Resp: 58597
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 6.0 5.8 8.8
68 5.7 5.2 7.8

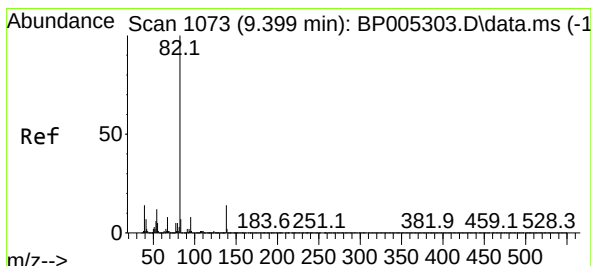
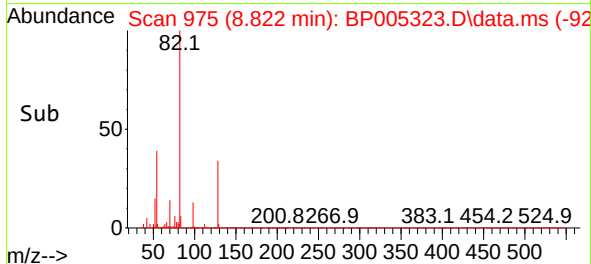
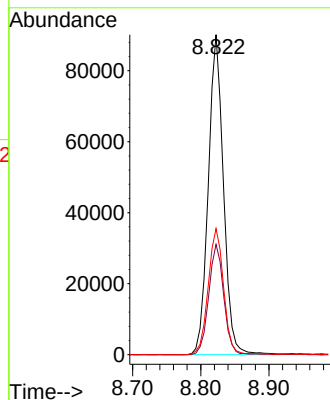
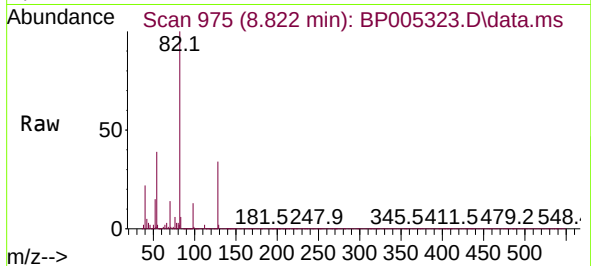




#23
Nitrobenzene-d5
Concen: 73.61 ng
RT: 8.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BP005323.D
Acq: 16 Apr 2021 17:40

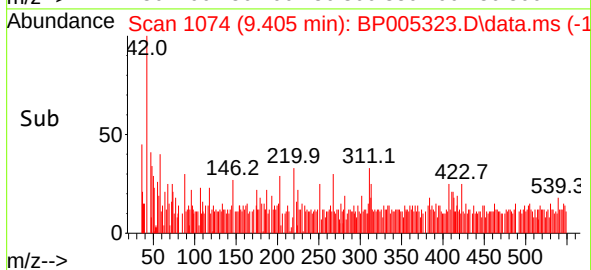
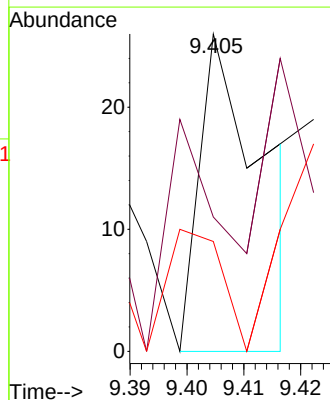
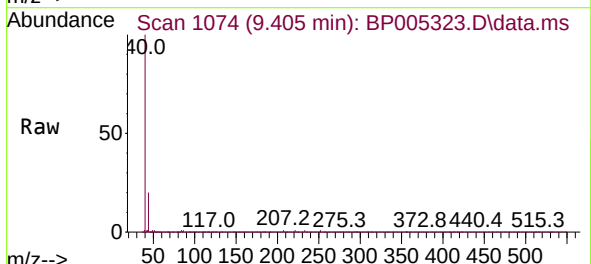
Instrument :
BNA_P
ClientSampleId :
SB-12-0-2.0

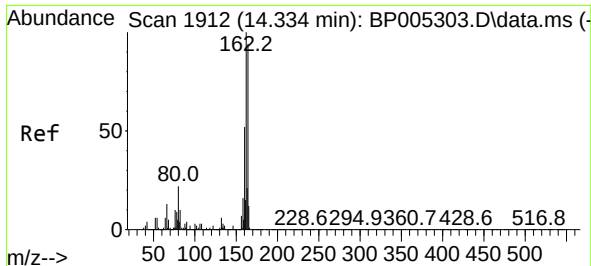
Tgt Ion: 82 Resp: 139660
Ion Ratio Lower Upper
82 100
128 34.4 25.3 37.9
54 39.4 31.7 47.5



#25
Isophorone
Concen: 2.61 ng
RT: 9.405 min Scan# 1074
Delta R.T. 0.012 min
Lab File: BP005323.D
Acq: 16 Apr 2021 17:40

Tgt Ion: 82 Resp: 20
Ion Ratio Lower Upper
82 100
95 42.3 6.6 10.0#
138 34.6 11.0 16.6#

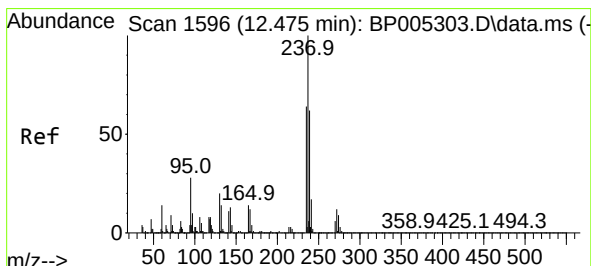
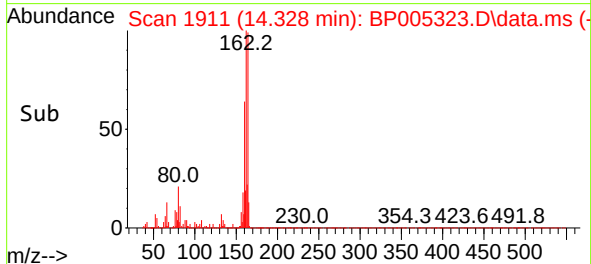
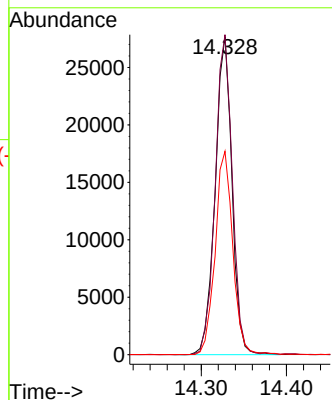
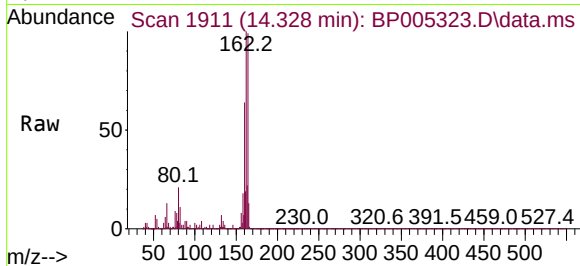




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.328 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BP005323.D
Acq: 16 Apr 2021 17:40

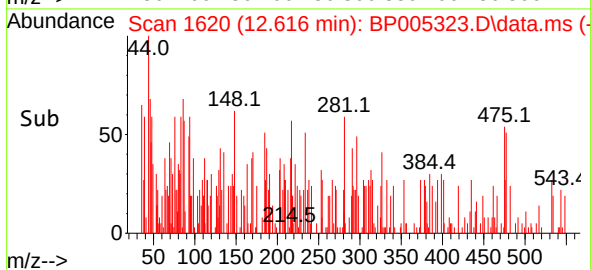
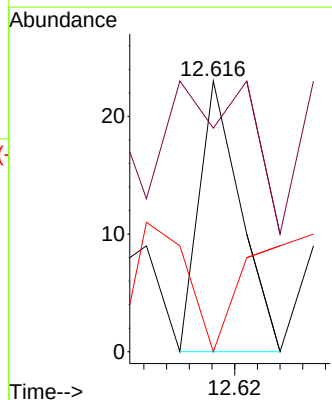
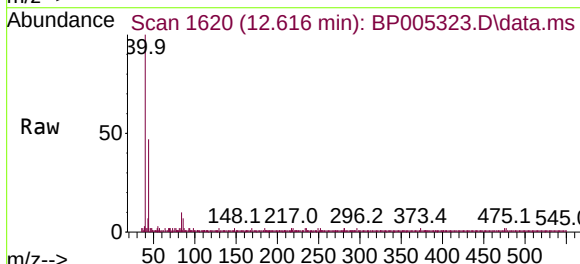
Instrument :
BNA_P
ClientSampleId :
SB-12-0-2.0

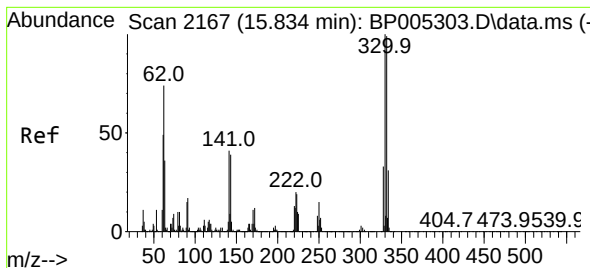
Tgt Ion:164 Resp: 37959
Ion Ratio Lower Upper
164 100
162 100.6 84.8 127.2
160 63.9 44.2 66.4



#41
Hexachlorocyclopentadiene
Concen: 7.81 ng
RT: 12.616 min Scan# 1620
Delta R.T. 0.147 min
Lab File: BP005323.D
Acq: 16 Apr 2021 17:40

Tgt Ion:237 Resp: 12
Ion Ratio Lower Upper
237 100
235 82.6 44.0 84.0
272 0.0 0.0 31.7

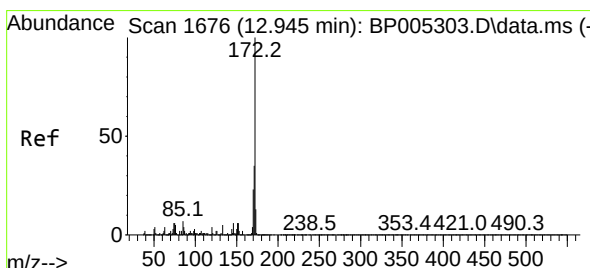
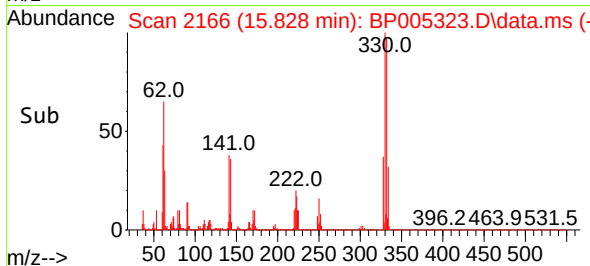
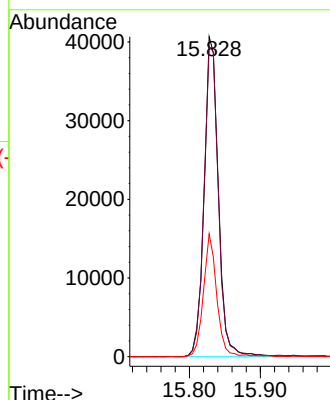
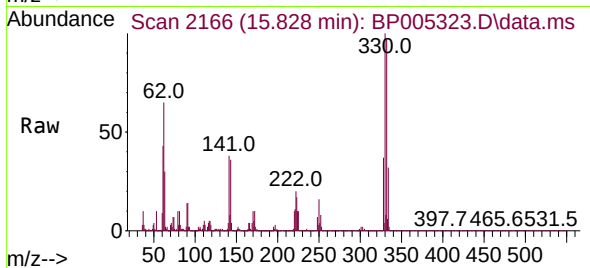




#42
2,4,6-Tribromophenol
Concen: 112.54 ng
RT: 15.828 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BP005323.D
Acq: 16 Apr 2021 17:40

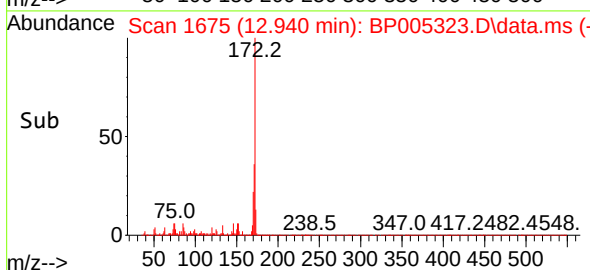
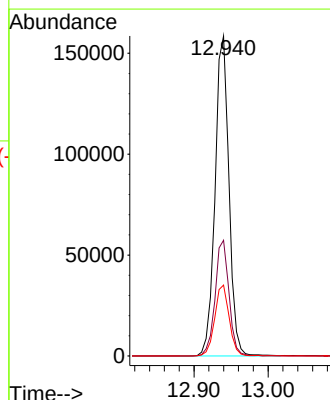
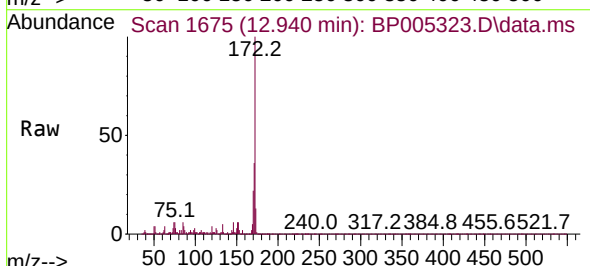
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BNA_P
ClientSampleId :
SB-12-0-2.0

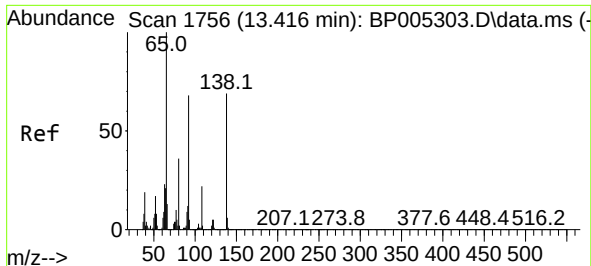
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.6	78.6	118.0
141	36.1	31.6	47.4



#45
2-Fluorobiphenyl
Concen: 72.14 ng
RT: 12.940 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP005323.D
Acq: 16 Apr 2021 17:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.8	41.8
170	22.2	18.7	28.1

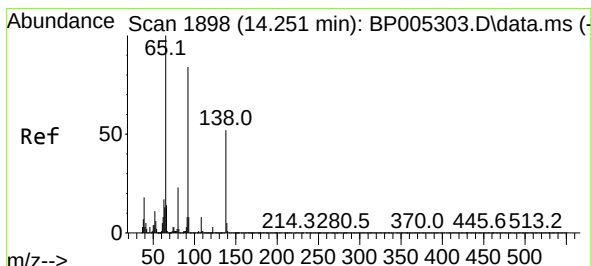
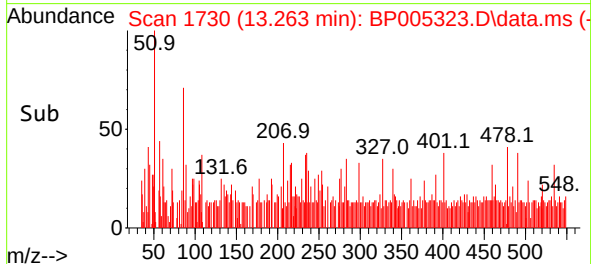
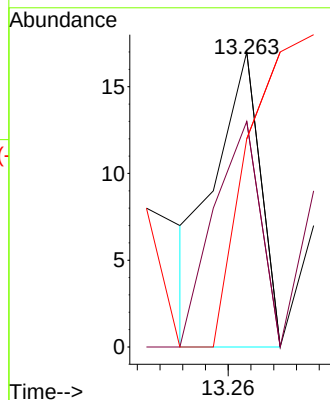
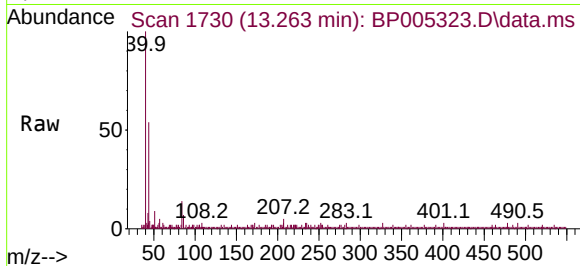




#48
2-Nitroaniline
Concen: 4.06 ng
RT: 13.263 min Scan# 1730
Delta R.T. -0.147 min
Lab File: BP005323.D
Acq: 16 Apr 2021 17:40

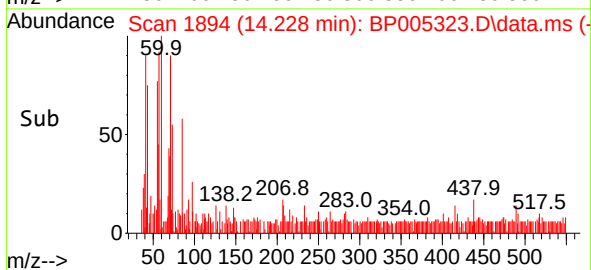
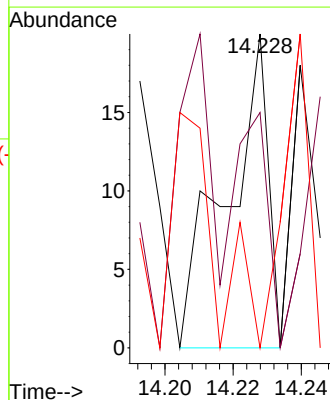
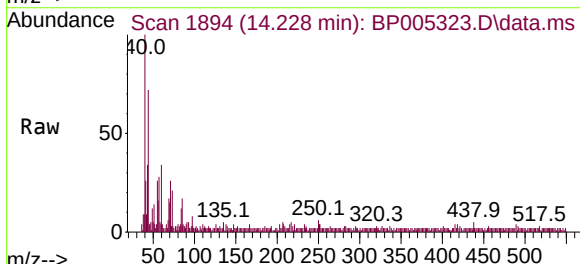
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BNA_P
ClientSampleId :
SB-12-0-2.0

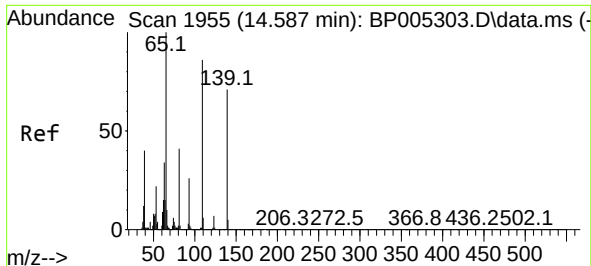
Tgt Ion:	65	Resp:	9
Ion	Ratio	Lower	Upper
65	100		
92	76.5	54.6	82.0
138	70.6	55.4	83.0



#53
3-Nitroaniline
Concen: 3.14 ng
RT: 14.228 min Scan# 1894
Delta R.T. -0.023 min
Lab File: BP005323.D
Acq: 16 Apr 2021 17:40

Tgt Ion:	138	Resp:	17
Ion	Ratio	Lower	Upper
138	100		
108	75.0	11.8	17.8#
92	0.0	129.0	193.4#

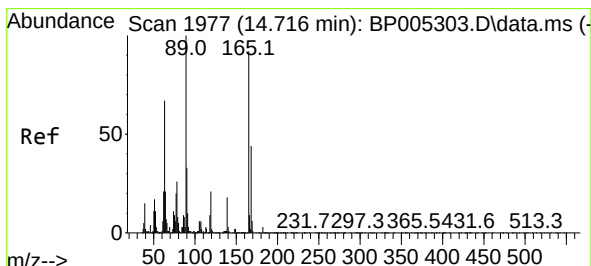
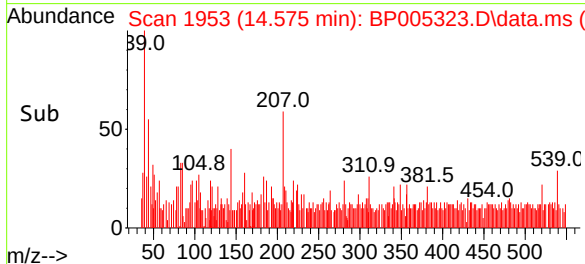
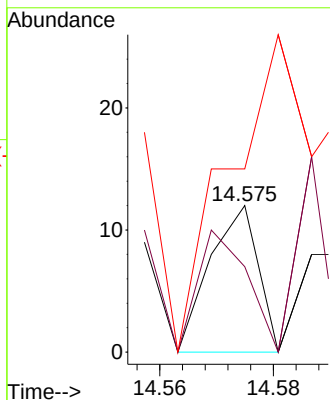
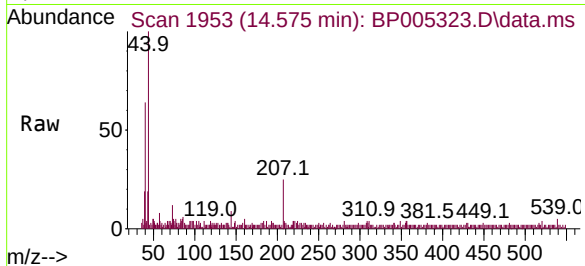




#56
4-Nitrophenol
Concen: 6.00 ng
RT: 14.575 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP005323.D
Acq: 16 Apr 2021 17:40

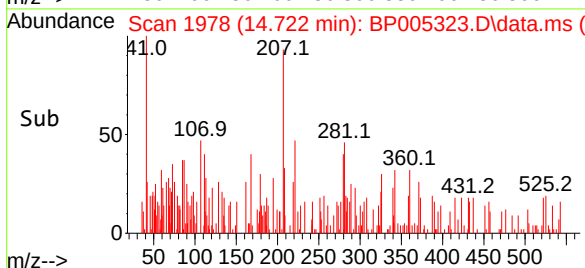
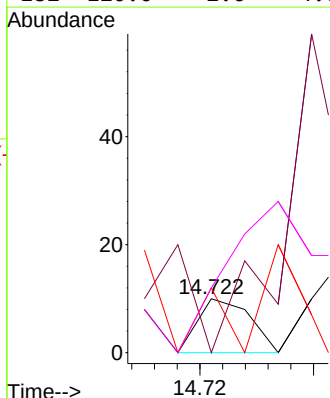
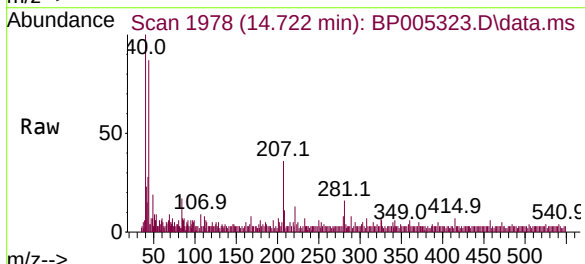
Instrument :
BNA_P
ClientSampled :
SB-12-0-2.0

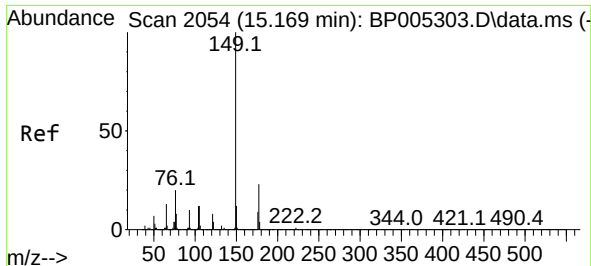
Tgt Ion:	139	Resp:	7
Ion	Ratio	Lower	Upper
139	100		
109	58.3	101.8	141.8#
65	125.0	121.3	161.3



#57
2,4-Dinitrotoluene
Concen: 3.42 ng
RT: 14.722 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP005323.D
Acq: 16 Apr 2021 17:40

Tgt Ion:	165	Resp:	6
Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.3	87.5#
89	120.0	87.0	130.4
182	120.0	2.6	4.0#

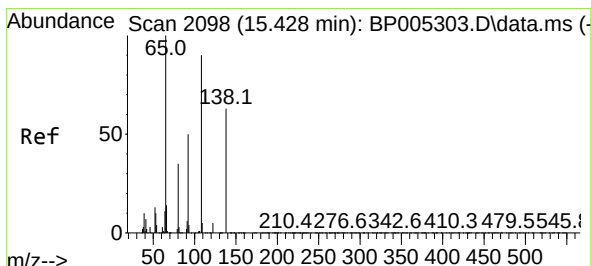
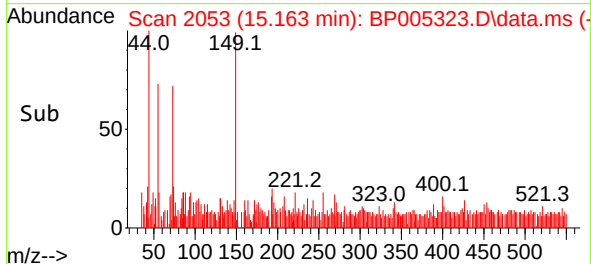
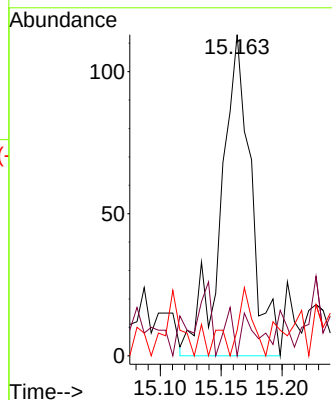
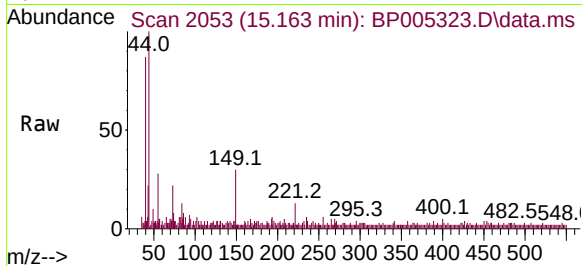




#60
Diethylphthalate
Concen: 4.20 ng
RT: 15.163 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BP005323.D
Acq: 16 Apr 2021 17:40

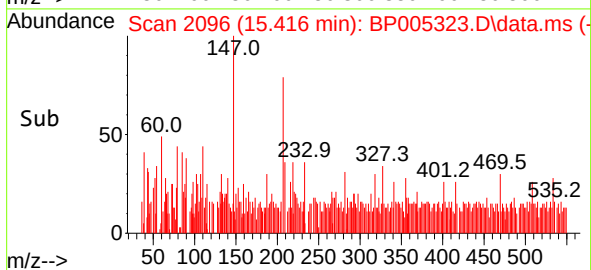
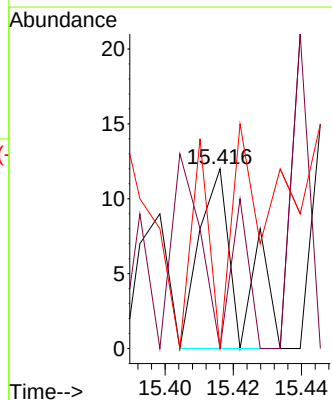
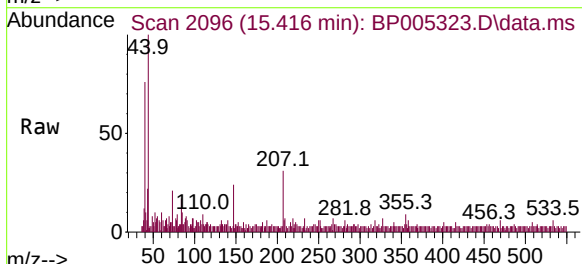
Instrument :
BNA_P
ClientSampleId :
SB-12-0-2.0

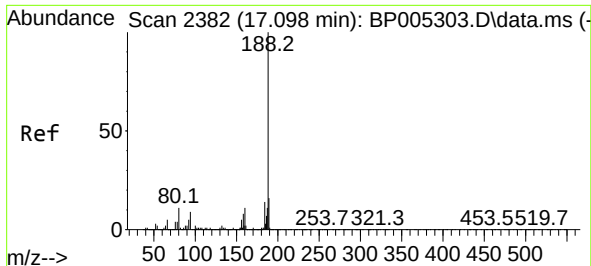
Tgt Ion:	149	Resp:	192
Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.6	27.8#
150	8.0	9.8	14.8#



#62
4-Nitroaniline
Concen: 3.94 ng
RT: 15.416 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BP005323.D
Acq: 16 Apr 2021 17:40

Tgt Ion:	138	Resp:	10
Ion	Ratio	Lower	Upper
138	100		
92	0.0	57.0	97.0#
108	0.0	115.8	155.8#

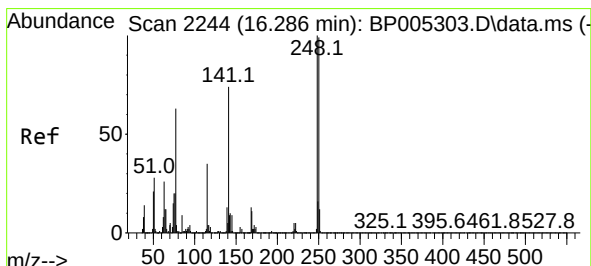
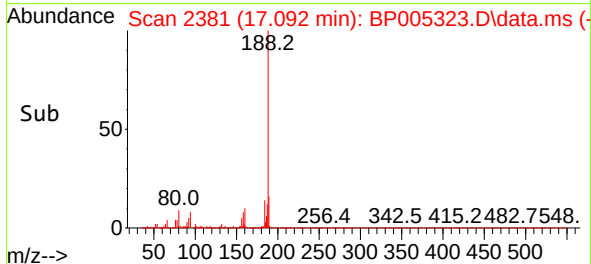
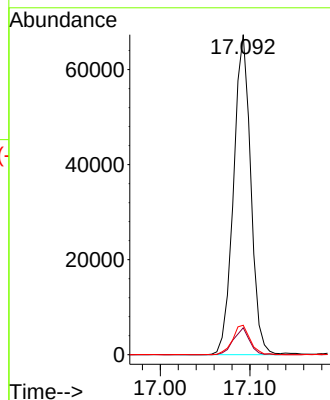
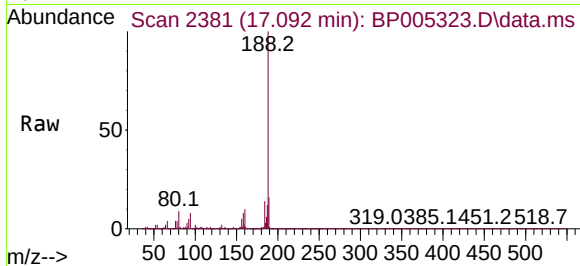




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. 0.000 min
Lab File: BP005323.D
Acq: 16 Apr 2021 17:40

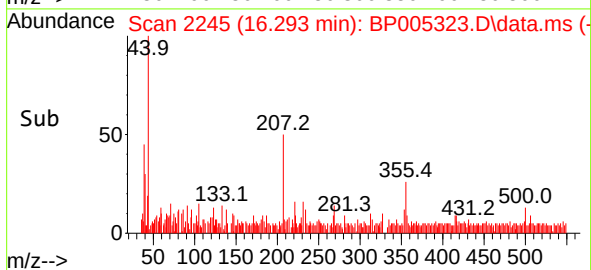
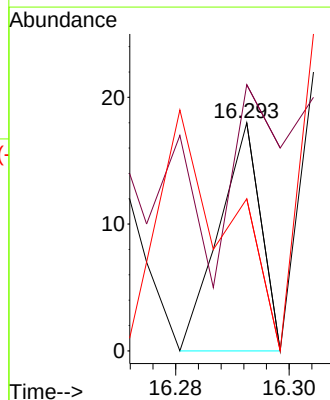
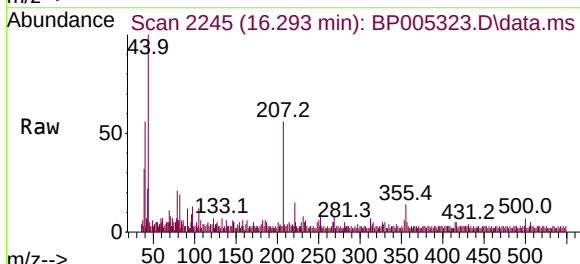
Instrument :
BNA_P
ClientSampleId :
SB-12-0-2.0

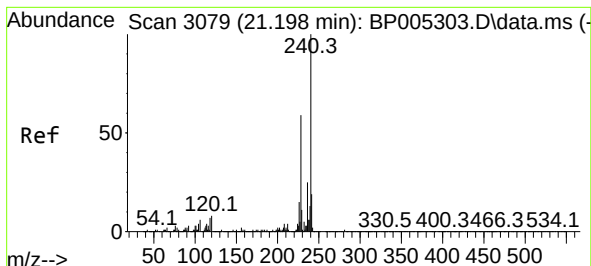
Tgt Ion:188	Resp:	89522
Ion Ratio	Lower	Upper
188	100	
94	8.4	7.0 10.6
80	9.2	8.4 12.6



#67
4-Bromophenyl-phenylether
Concen: 3.46 ng
RT: 16.293 min Scan# 2245
Delta R.T. 0.012 min
Lab File: BP005323.D
Acq: 16 Apr 2021 17:40

Tgt Ion:248	Resp:	9
Ion Ratio	Lower	Upper
248	100	
250	116.7	79.0 118.6
141	66.7	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: BP005323.D

Acq: 16 Apr 2021 17:40

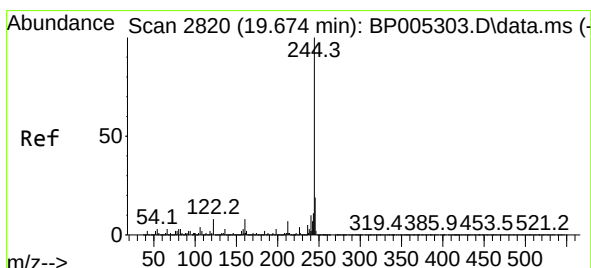
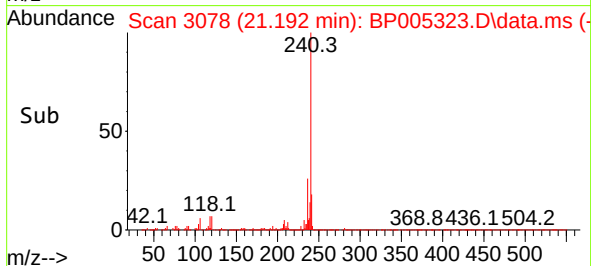
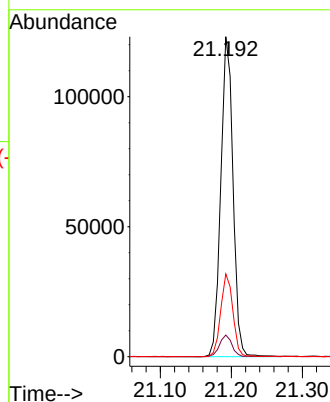
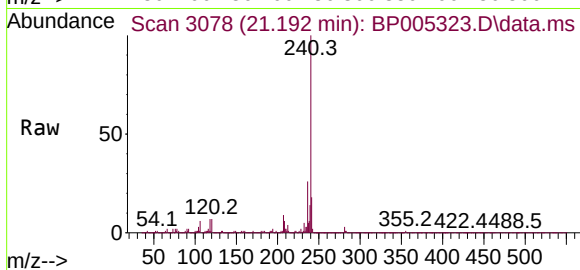
Instrument :

BNA_P

ClientSampleId :

SB-12-0-2.0

Tgt Ion:	240	Resp:	145936
Ion Ratio	Lower	Upper	
240	100		
120	6.8	6.5	9.7
236	25.9	19.8	29.6



#79

Terphenyl-d14

Concen: 61.13 ng

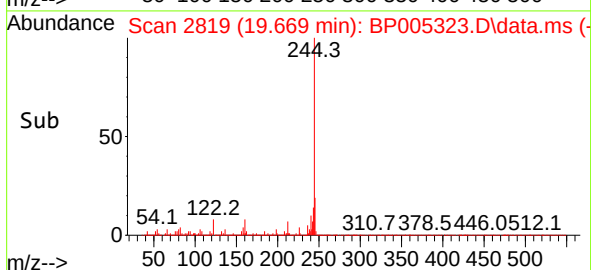
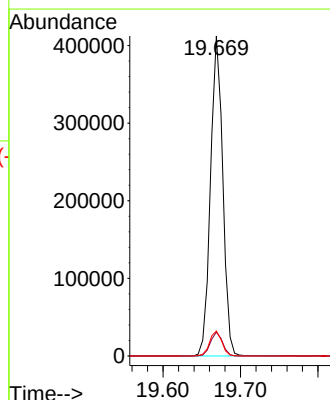
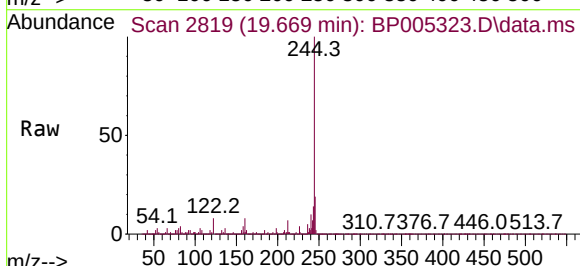
RT: 19.669 min Scan# 2819

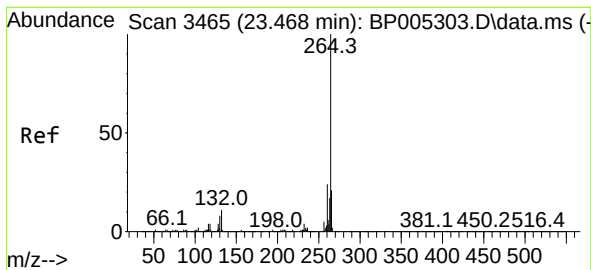
Delta R.T. 0.000 min

Lab File: BP005323.D

Acq: 16 Apr 2021 17:40

Tgt Ion:	244	Resp:	451648
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.8	8.6
122	7.8	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: BP005323.D
 Acq: 16 Apr 2021 17:40

Instrument :
 BNA_P
 ClientSampleId :
 SB-12-0-2.0

Tgt Ion:264 Resp: 155540
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.0 28.6
 265 22.0 17.0 25.6

