

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041621\
 Data File : BP005329.D
 Acq On : 16 Apr 2021 21:04
 Operator : CG/JU
 Sample : M2049-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-10-0-2.0

Quant Time: Apr 17 00:44:20 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)

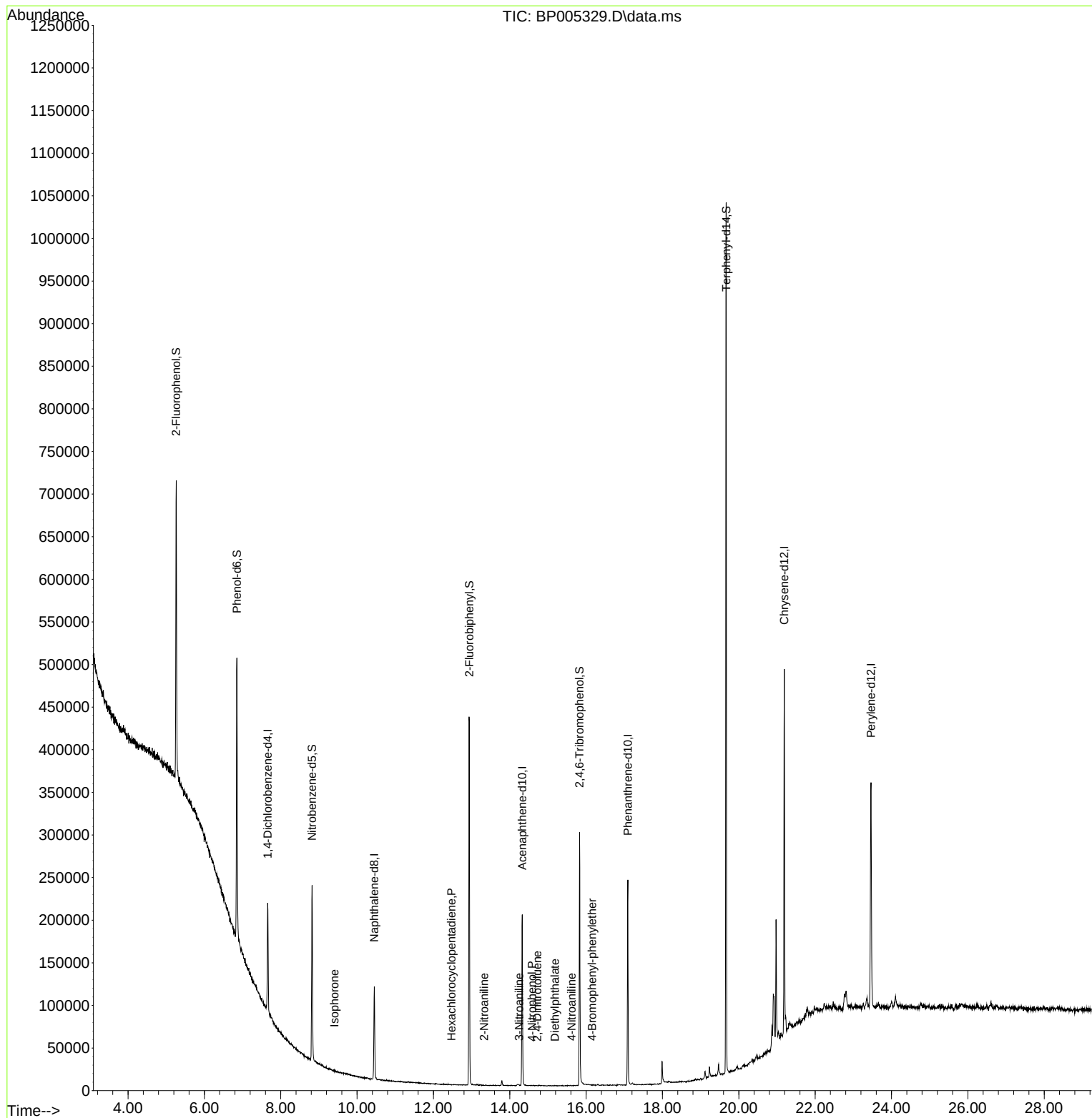
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	34033	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	80055	20.00	ng	# 0.00
39) Acenaphthene-d10	14.328	164	52175	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	123353	20.00	ng	# 0.00
76) Chrysene-d12	21.192	240	180751	20.00	ng	0.00
86) Perylene-d12	23.463	264	180065	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	169273	60.65	ng	0.00
7) Phenol-d6	6.852	99	186409	57.75	ng	0.00
23) Nitrobenzene-d5	8.822	82	122975	47.44	ng	0.00
42) 2,4,6-Tribromophenol	15.828	330	48791	70.35	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	188568	48.01	ng	0.00
79) Terphenyl-d14	19.669	244	409313	44.73	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.404	82	50	2.61	ng	# 96
41) Hexachlorocyclopentadiene	12.475	237	11	7.81	ng	# 1
48) 2-Nitroaniline	13.328	65	8	4.05	ng	89
53) 3-Nitroaniline	14.245	138	7	3.12	ng	# 13
56) 4-Nitrophenol	14.581	139	27	6.03	ng	# 83
57) 2,4-Dinitrotoluene	14.722	165	19	3.43	ng	# 62
60) Diethylphthalate	15.181	149	50	4.15	ng	# 58
62) 4-Nitroaniline	15.622	138	8	3.94	ng	86
67) 4-Bromophenyl-phenylether	16.157	248	22	3.46	ng	99

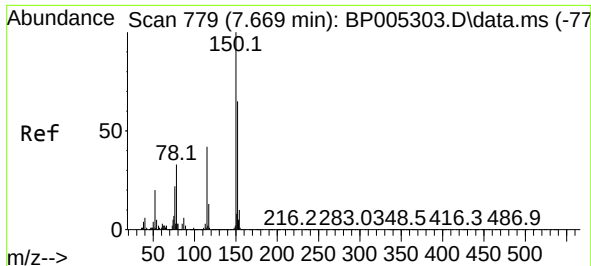
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-10-0-2.0

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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

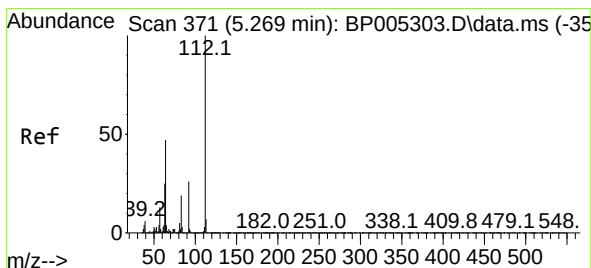
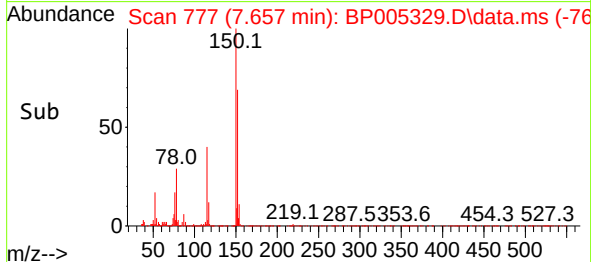
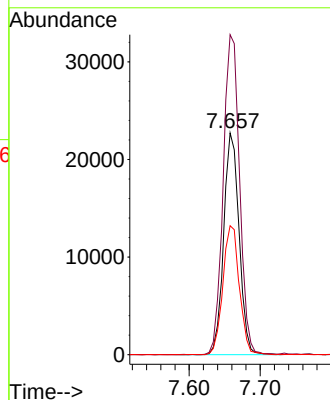
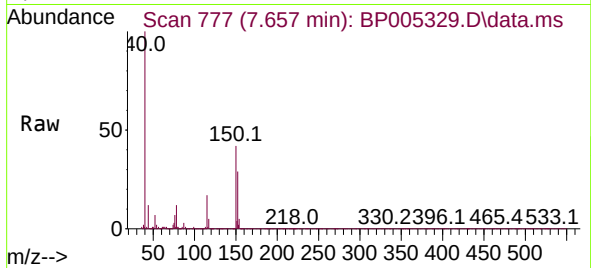




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BP005329.D
Acq: 16 Apr 2021 21:04

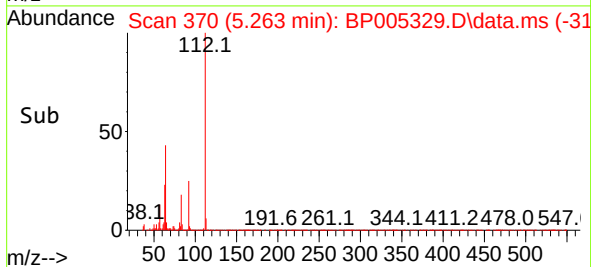
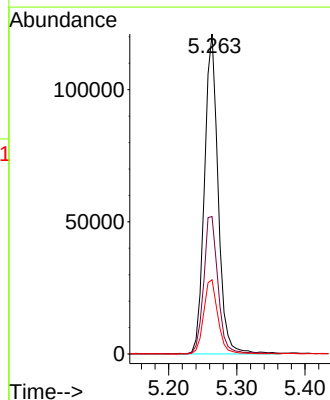
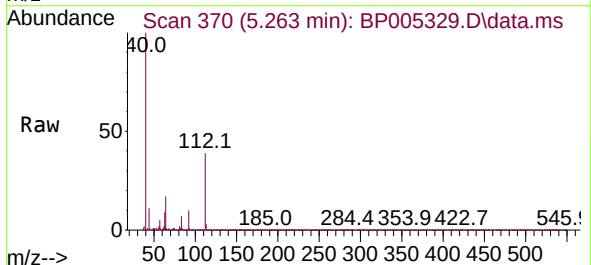
Instrument :
BNA_P
ClientSampleId :
SB-10-0-2.0

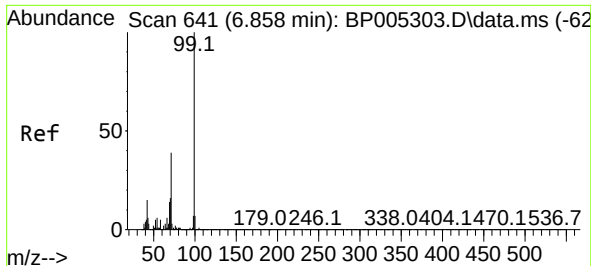
Tgt Ion:152 Resp: 34033
Ion Ratio Lower Upper
152 100
150 144.3 122.9 184.3
115 58.2 52.2 78.2



#5
2-Fluorophenol
Concen: 60.65 ng
RT: 5.263 min Scan# 370
Delta R.T. 0.000 min
Lab File: BP005329.D
Acq: 16 Apr 2021 21:04

Tgt Ion:112 Resp: 169273
Ion Ratio Lower Upper
112 100
64 43.0 37.6 56.4
63 23.2 20.4 30.6

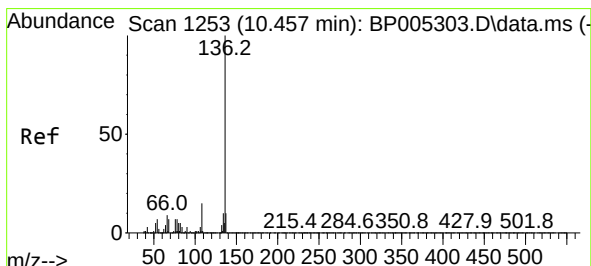
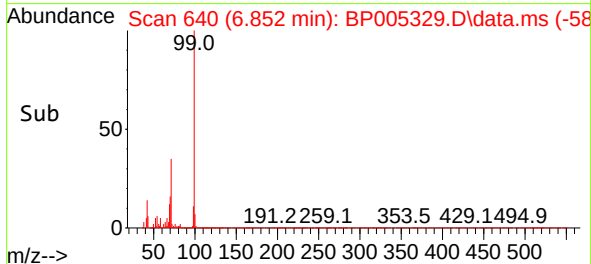
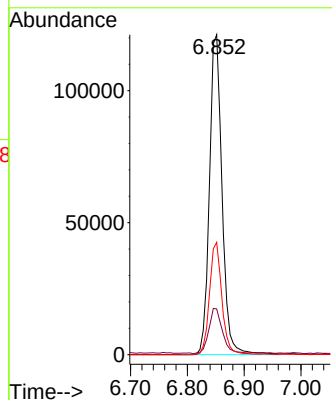
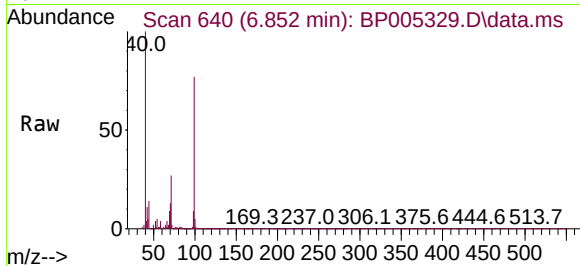




#7
Phenol-d6
Concen: 57.75 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP005329.D
Acq: 16 Apr 2021 21:04

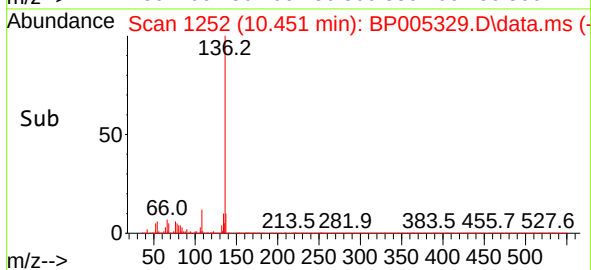
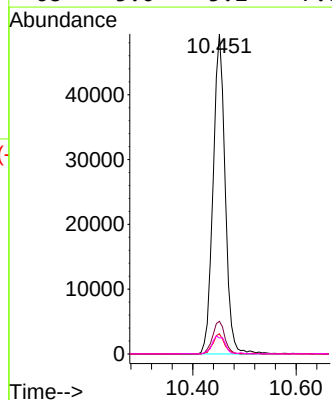
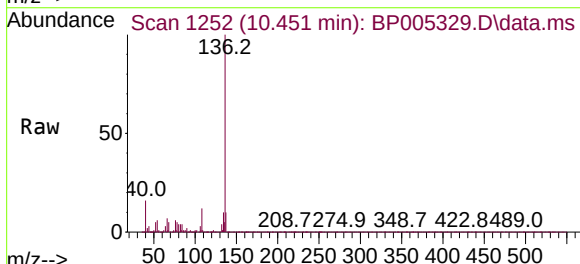
Instrument :
BNA_P
ClientSampleId :
SB-10-0-2.0

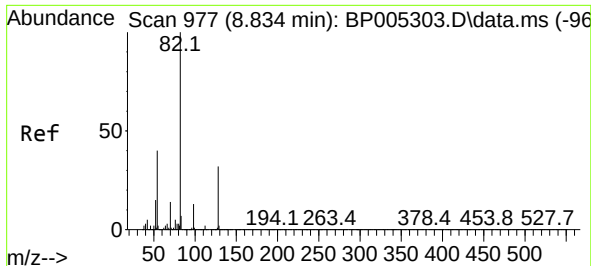
Tgt Ion: 99 Resp: 186409
Ion Ratio Lower Upper
99 100
42 14.3 12.0 18.0
71 35.1 31.4 47.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BP005329.D
Acq: 16 Apr 2021 21:04

Tgt Ion: 136 Resp: 80055
Ion Ratio Lower Upper
136 100
137 10.2 8.4 12.6
54 6.3 5.8 8.8
68 5.0 5.2 7.8#

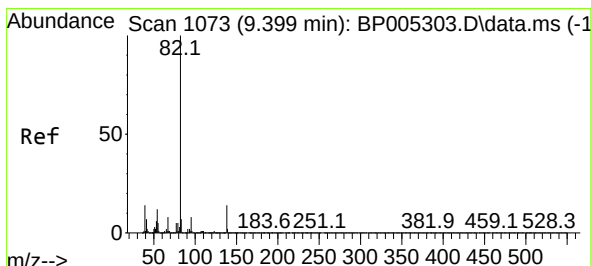
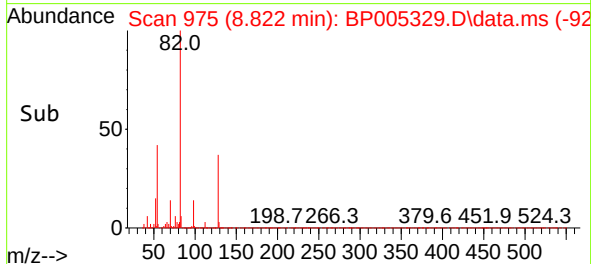
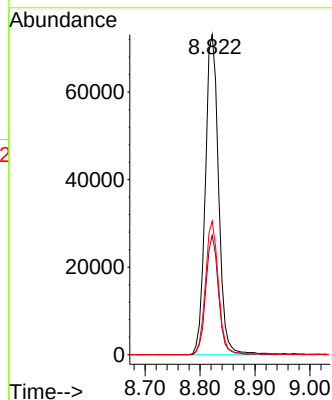
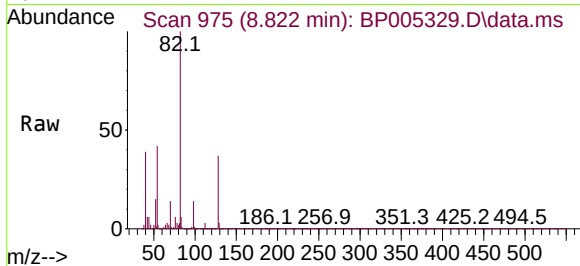




#23
Nitrobenzene-d5
Concen: 47.44 ng
RT: 8.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BP005329.D
Acq: 16 Apr 2021 21:04

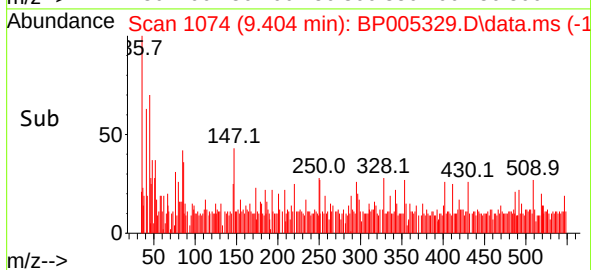
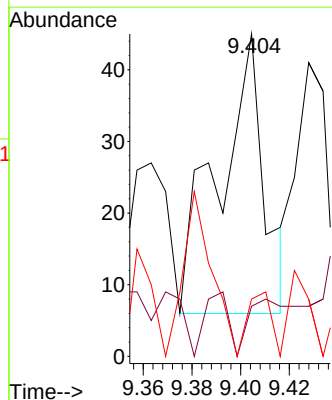
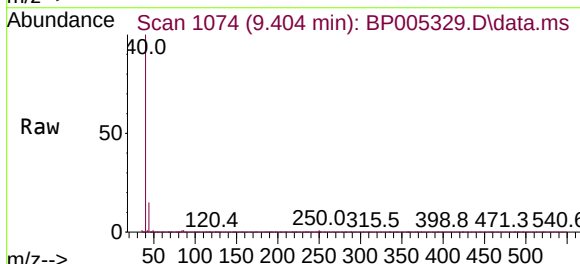
Instrument :
BNA_P
ClientSampleId :
SB-10-0-2.0

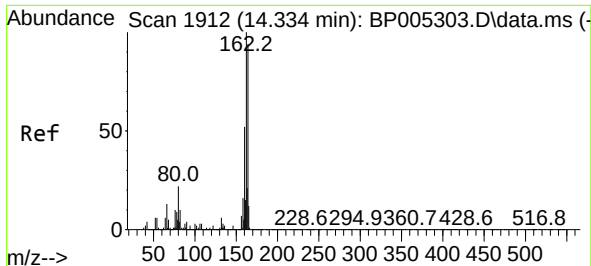
Tgt Ion: 82 Resp: 122975
Ion Ratio Lower Upper
82 100
128 37.2 25.3 37.9
54 41.7 31.7 47.5



#25
Isophorone
Concen: 2.61 ng
RT: 9.404 min Scan# 1074
Delta R.T. 0.012 min
Lab File: BP005329.D
Acq: 16 Apr 2021 21:04

Tgt Ion: 82 Resp: 50
Ion Ratio Lower Upper
82 100
95 12.1 6.6 10.0#
138 13.8 11.0 16.6

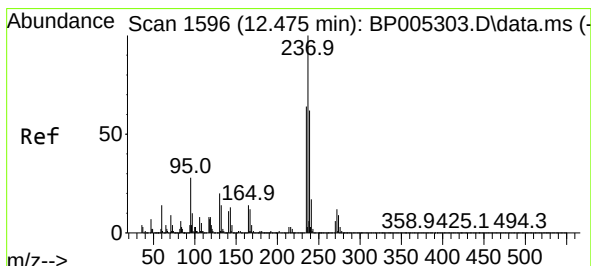
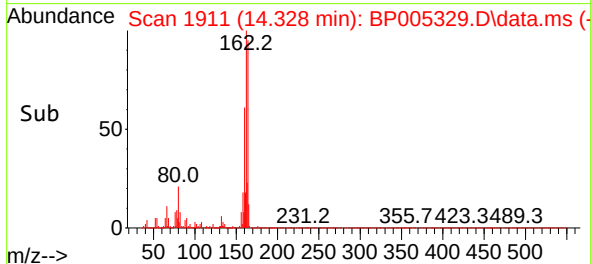
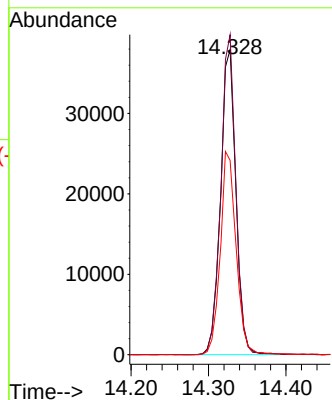
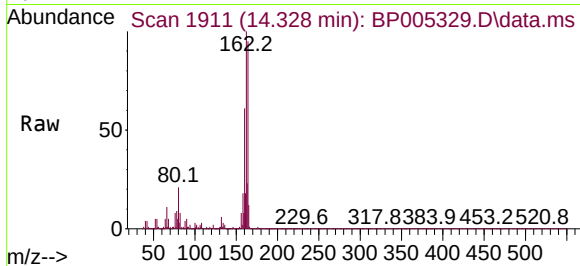




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.328 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BP005329.D
Acq: 16 Apr 2021 21:04

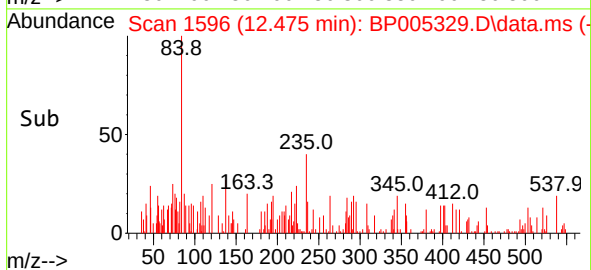
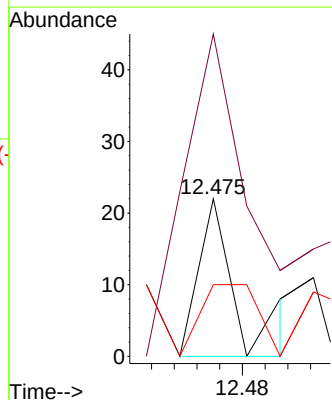
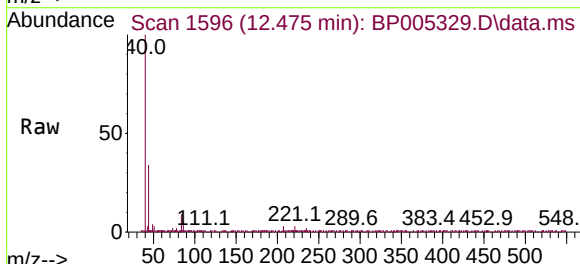
Instrument :
BNA_P
ClientSampleId :
SB-10-0-2.0

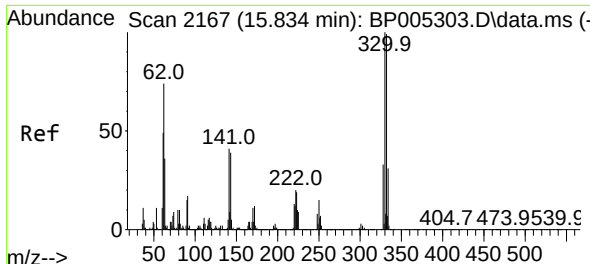
Tgt Ion:164	Resp:	52175
Ion Ratio	Lower	Upper
164	100	
162	104.9	84.8 127.2
160	63.7	44.2 66.4



#41
Hexachlorocyclopentadiene
Concen: 7.81 ng
RT: 12.475 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BP005329.D
Acq: 16 Apr 2021 21:04

Tgt Ion:237	Resp:	11
Ion Ratio	Lower	Upper
237	100	
235	204.5	44.0 84.0#
272	45.5	0.0 31.7#

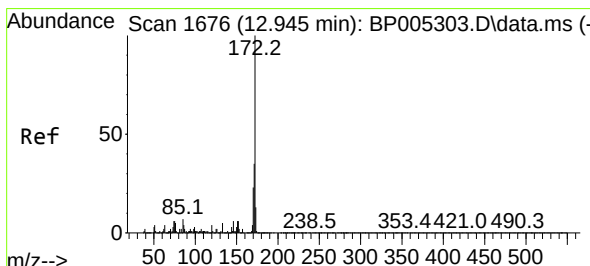
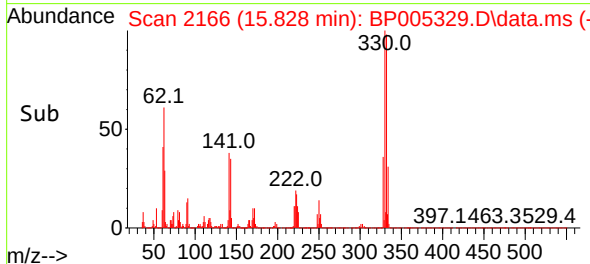
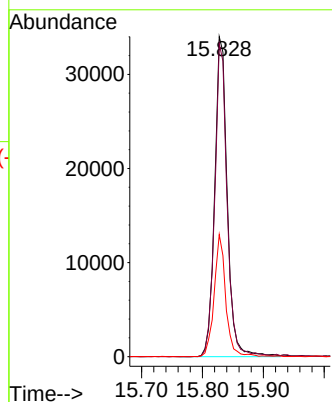
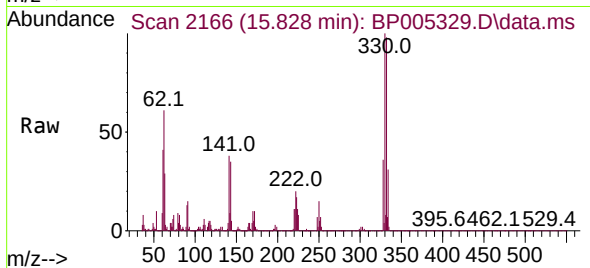




#42
2,4,6-Tribromophenol
Concen: 70.35 ng
RT: 15.828 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BP005329.D
Acq: 16 Apr 2021 21:04

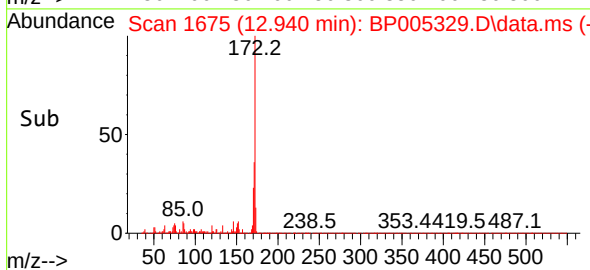
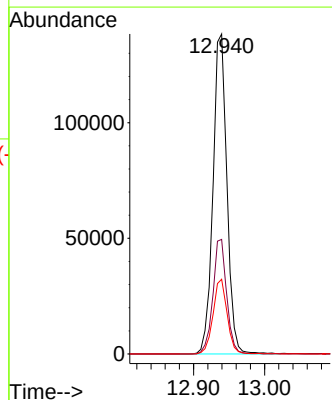
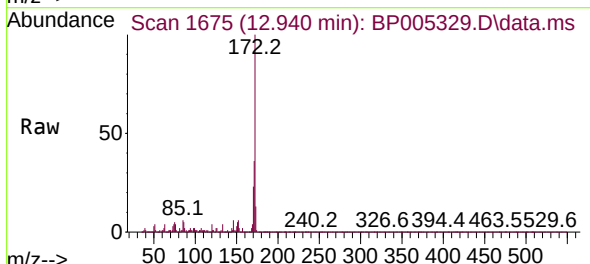
Instrument :
BNA_P
ClientSampleId :
SB-10-0-2.0

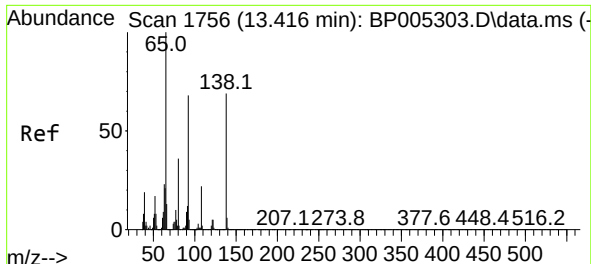
Tgt Ion:330 Resp: 48791
Ion Ratio Lower Upper
330 100
332 96.1 78.6 118.0
141 35.4 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 48.01 ng
RT: 12.940 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP005329.D
Acq: 16 Apr 2021 21:04

Tgt Ion:172 Resp: 188568
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.8
170 23.4 18.7 28.1

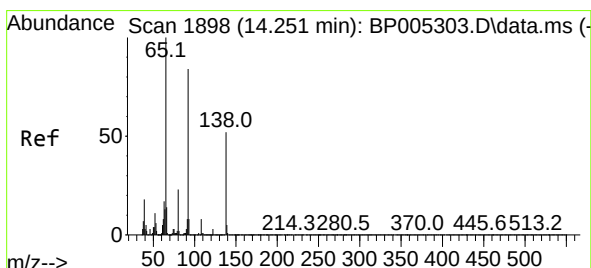
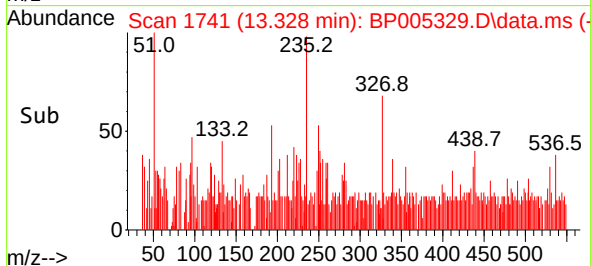
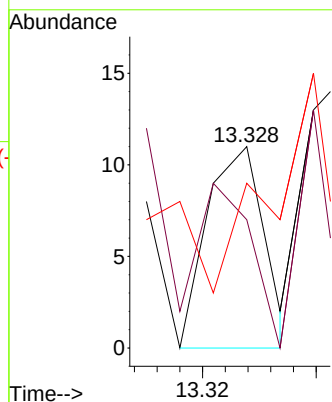
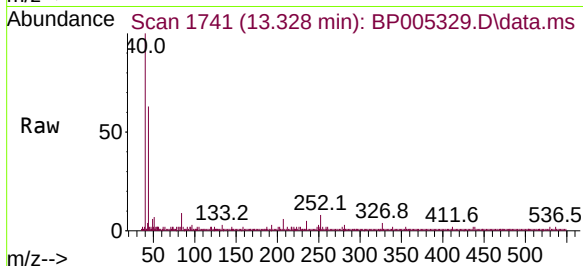




#48
2-Nitroaniline
Concen: 4.05 ng
RT: 13.328 min Scan# 1741
Delta R.T. -0.082 min
Lab File: BP005329.D
Acq: 16 Apr 2021 21:04

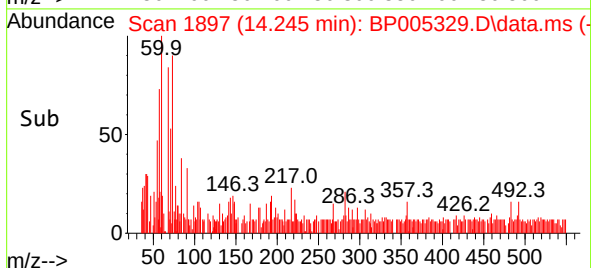
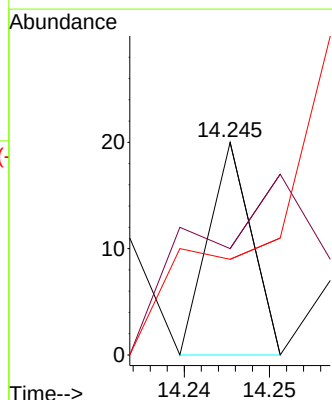
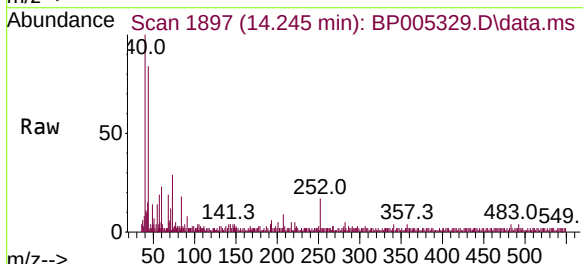
Instrument :
BNA_P
ClientSampled :
SB-10-0-2.0

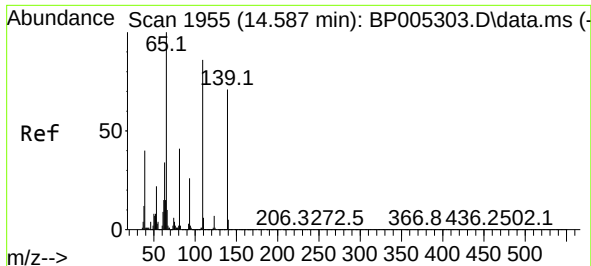
Tgt Ion:	65	Resp:	8
Ion	Ratio	Lower	Upper
65	100		
92	63.6	54.6	82.0
138	81.8	55.4	83.0



#53
3-Nitroaniline
Concen: 3.12 ng
RT: 14.245 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP005329.D
Acq: 16 Apr 2021 21:04

Tgt Ion:	138	Resp:	7
Ion	Ratio	Lower	Upper
138	100		
108	50.0	11.8	17.8#
92	45.0	129.0	193.4#

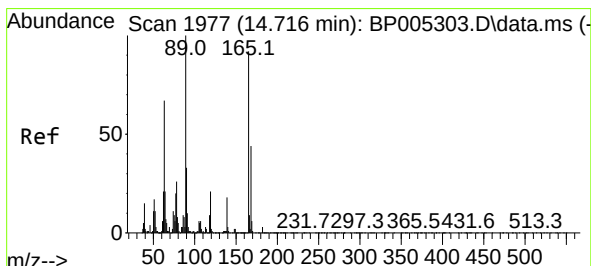
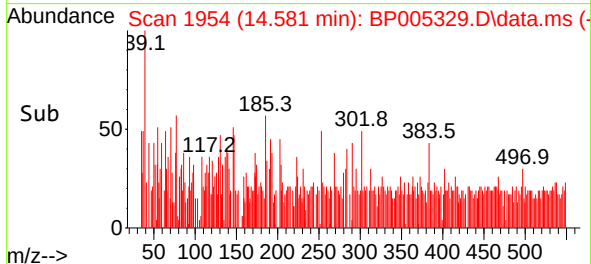
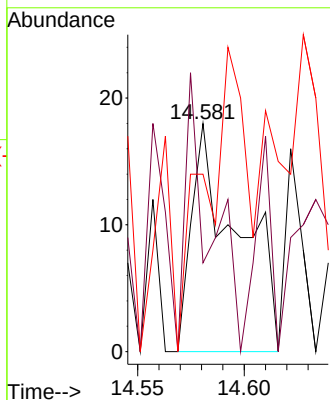
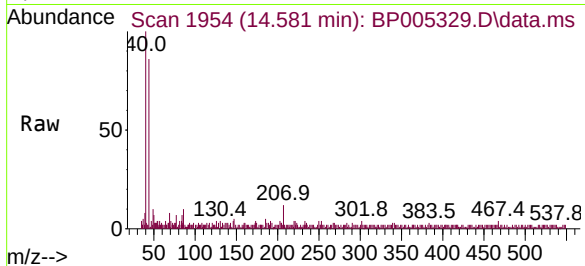




#56
4-Nitrophenol
Concen: 6.03 ng
RT: 14.581 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BP005329.D
Acq: 16 Apr 2021 21:04

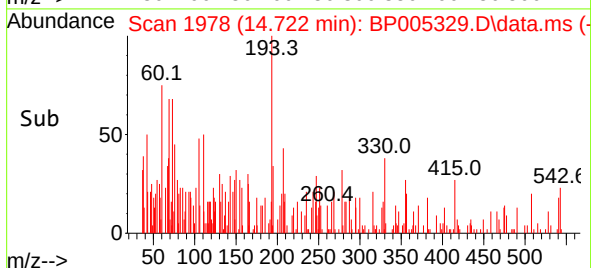
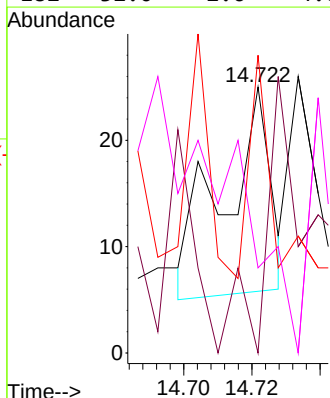
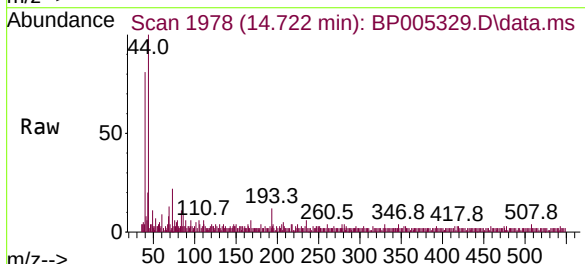
Instrument :
BNA_P
ClientSampleId :
SB-10-0-2.0

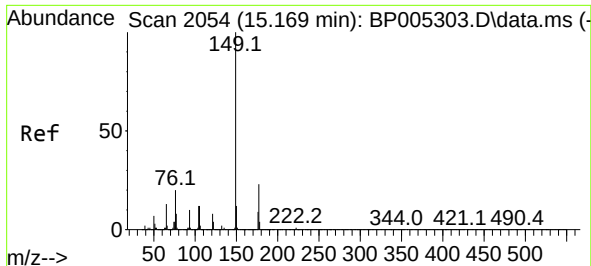
Tgt Ion:139 Resp: 27
Ion Ratio Lower Upper
139 100
109 94.4 101.8 141.8#
65 127.8 121.3 161.3



#57
2,4-Dinitrotoluene
Concen: 3.43 ng
RT: 14.722 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP005329.D
Acq: 16 Apr 2021 21:04

Tgt Ion:165 Resp: 19
Ion Ratio Lower Upper
165 100
63 0.0 58.3 87.5#
89 112.0 87.0 130.4
182 32.0 2.6 4.0#

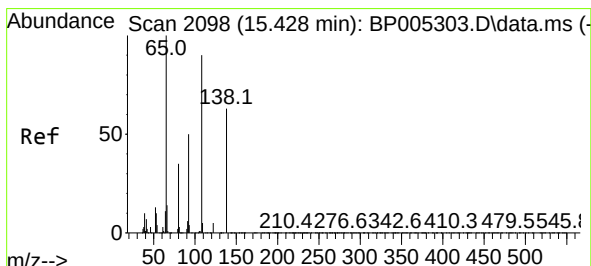
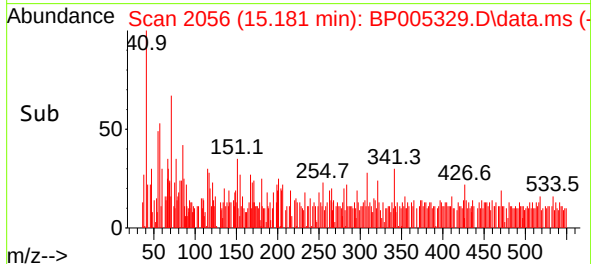
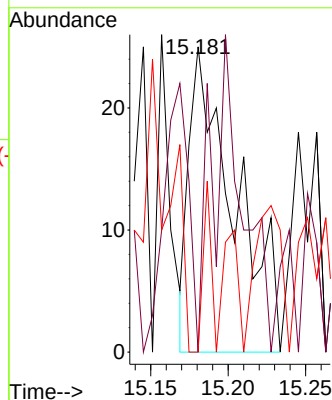
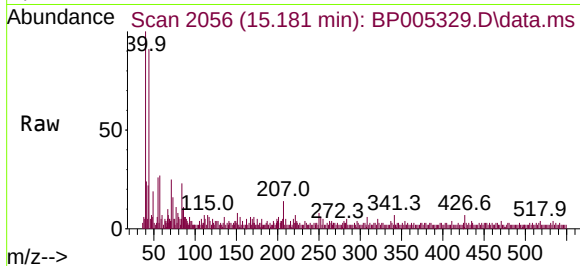




#60
Diethylphthalate
Concen: 4.15 ng
RT: 15.181 min Scan# 2056
Delta R.T. 0.018 min
Lab File: BP005329.D
Acq: 16 Apr 2021 21:04

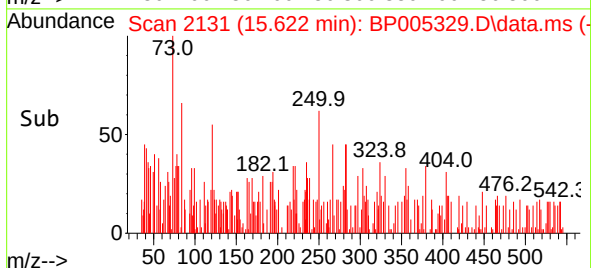
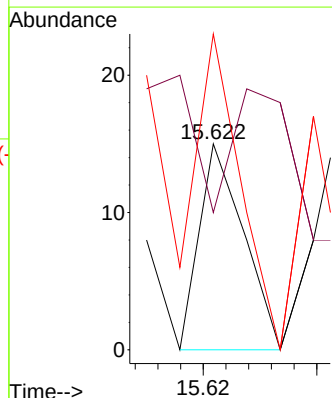
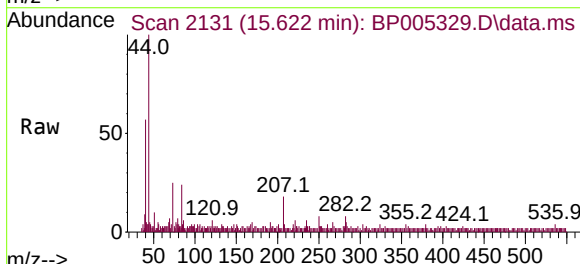
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ClientSampleId :
SB-10-0-2.0

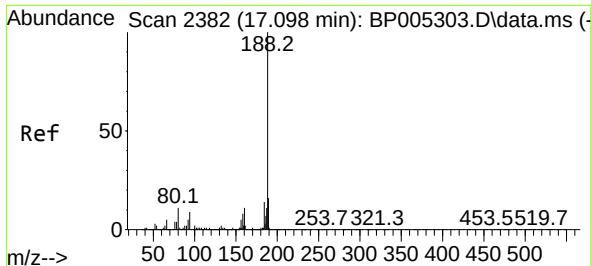
Tgt Ion:149 Resp: 50
Ion Ratio Lower Upper
149 100
177 0.0 18.6 27.8#
150 0.0 9.8 14.8#



#62
4-Nitroaniline
Concen: 3.94 ng
RT: 15.622 min Scan# 2131
Delta R.T. 0.200 min
Lab File: BP005329.D
Acq: 16 Apr 2021 21:04

Tgt Ion:138 Resp: 8
Ion Ratio Lower Upper
138 100
92 66.7 57.0 97.0
108 153.3 115.8 155.8

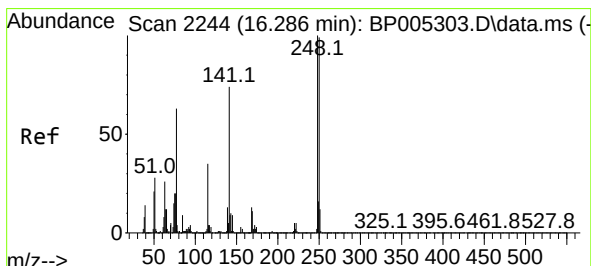
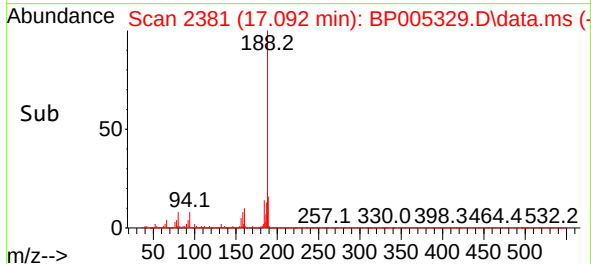
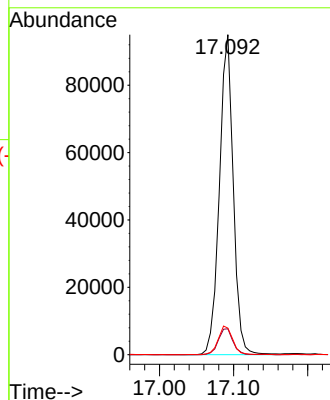
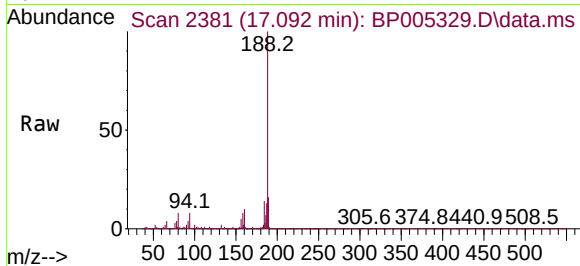




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. 0.000 min
Lab File: BP005329.D
Acq: 16 Apr 2021 21:04

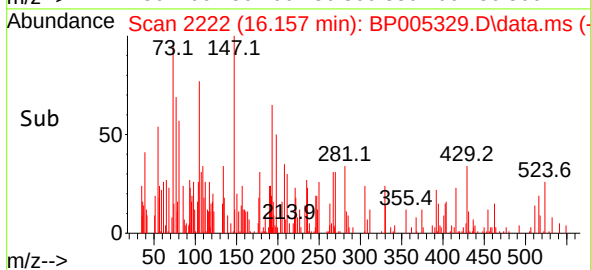
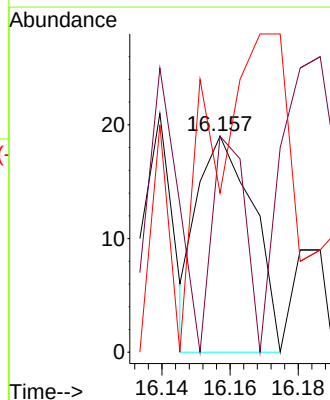
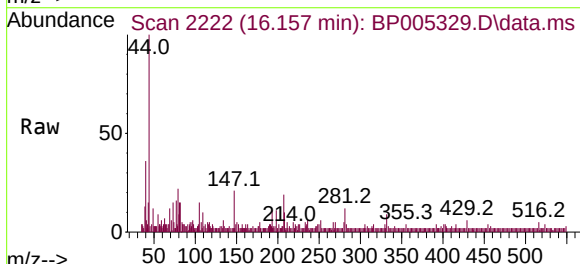
Instrument :
BNA_P
ClientSampleId :
SB-10-0-2.0

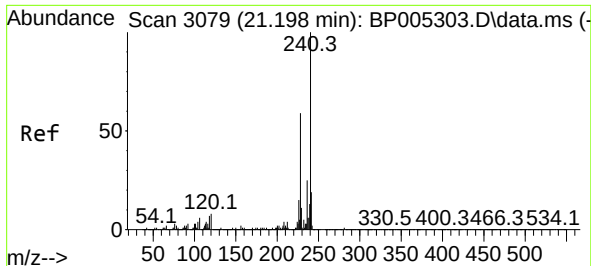
Tgt Ion:188 Resp: 123353
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 8.3 8.4 12.6#



#67
4-Bromophenyl-phenylether
Concen: 3.46 ng
RT: 16.157 min Scan# 2222
Delta R.T. -0.123 min
Lab File: BP005329.D
Acq: 16 Apr 2021 21:04

Tgt Ion:248 Resp: 22
Ion Ratio Lower Upper
248 100
250 100.0 79.0 118.6
141 73.7 59.0 88.4

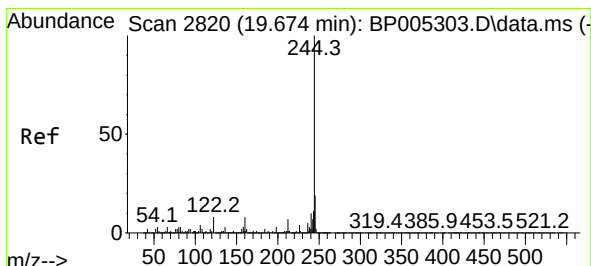
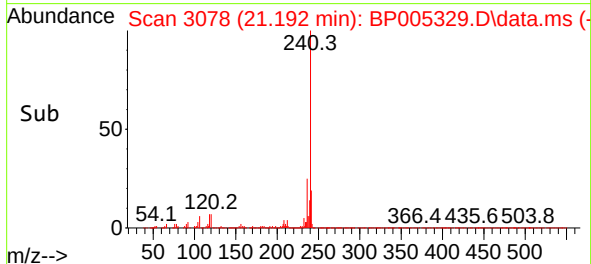
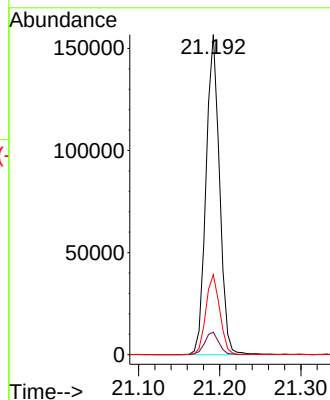
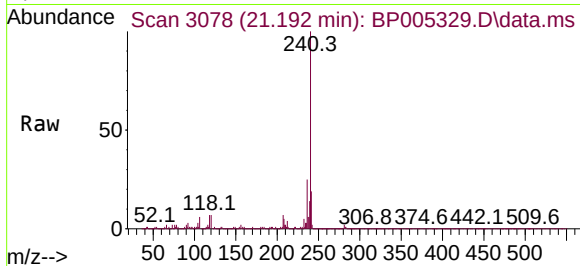




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BP005329.D
Acq: 16 Apr 2021 21:04

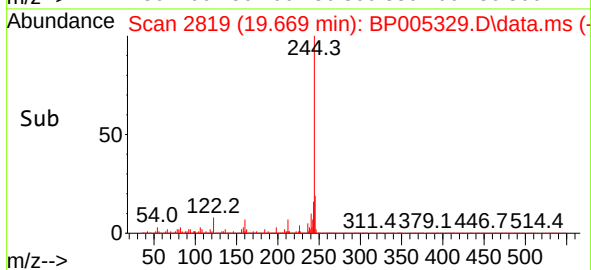
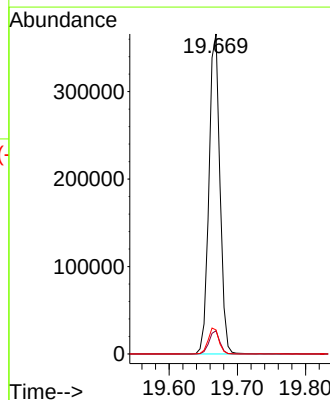
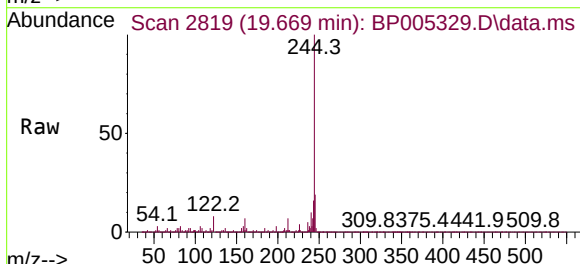
Instrument :
BNA_P
ClientSampleId :
SB-10-0-2.0

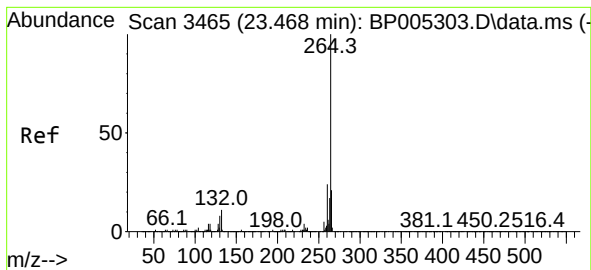
Tgt Ion:240 Resp: 180751
Ion Ratio Lower Upper
240 100
120 7.1 6.5 9.7
236 25.0 19.8 29.6



#79
Terphenyl-d14
Concen: 44.73 ng
RT: 19.669 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BP005329.D
Acq: 16 Apr 2021 21:04

Tgt Ion:244 Resp: 409313
Ion Ratio Lower Upper
244 100
212 7.2 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: BP005329.D
 Acq: 16 Apr 2021 21:04

Instrument :
 BNA_P
 ClientSampleId :
 SB-10-0-2.0

Tgt Ion:	264	Resp:	180065
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.0	28.6
265	21.2	17.0	25.6

