

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061021\
 Data File : BP005844.D
 Acq On : 10 Jun 2021 18:44
 Operator : CG/JU
 Sample : M2637-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B12(234-238)

Quant Time: Jun 11 07:00:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 09 11:54:55 2021
 Response via : Initial Calibration

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

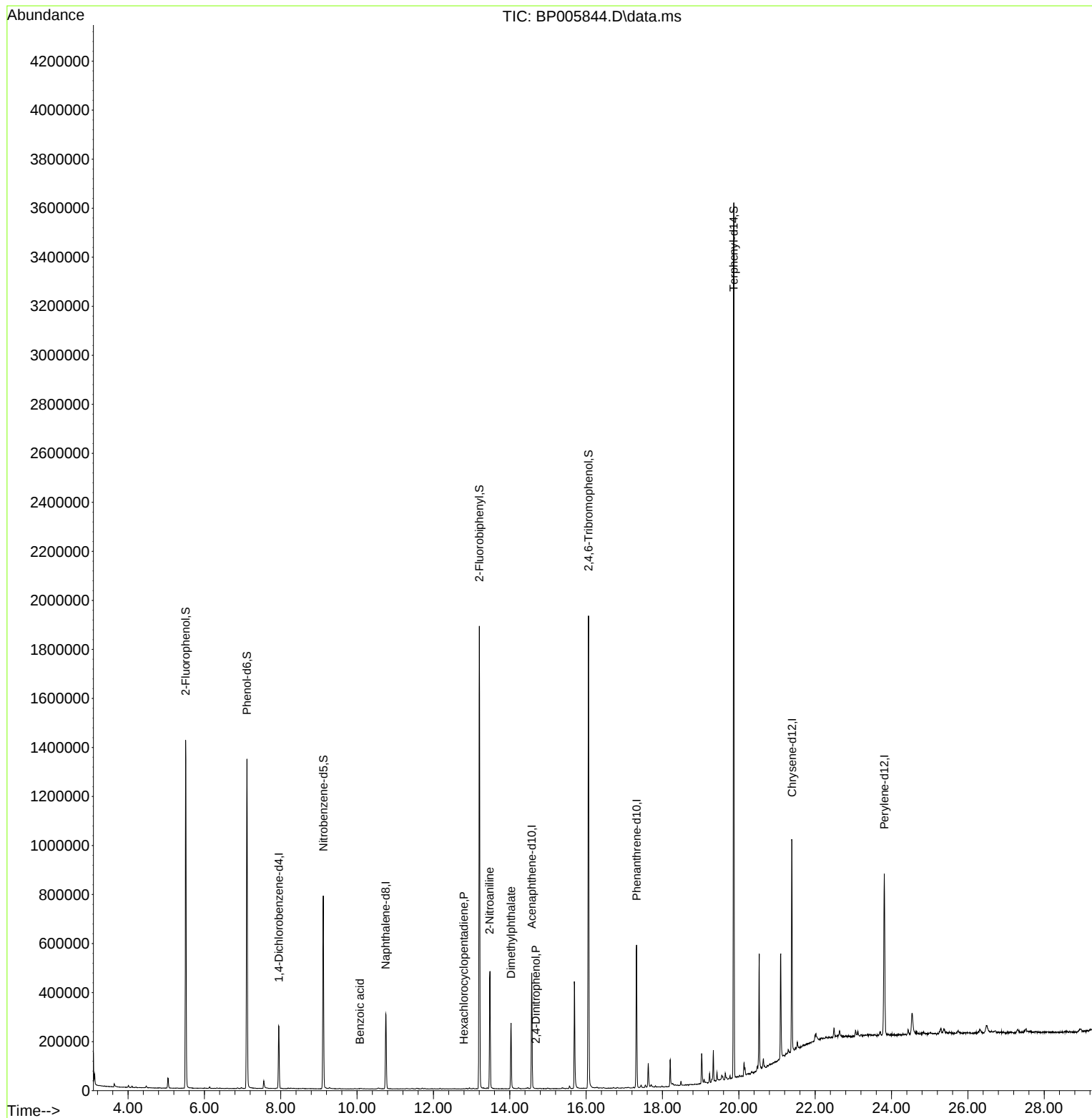
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	69773	20.00	ng	0.00
21) Naphthalene-d8	10.752	136	258773	20.00	ng	-0.01
39) Acenaphthene-d10	14.575	164	163562	20.00	ng	0.00
64) Phenanthrene-d10	17.322	188	346741	20.00	ng	0.00
76) Chrysene-d12	21.392	240	434710	20.00	ng	0.00
86) Perylene-d12	23.810	264	484595	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	615745	141.61	ng	0.00
7) Phenol-d6	7.116	99	742010	131.66	ng	0.00
23) Nitrobenzene-d5	9.116	82	461998	87.53	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	387051	137.90	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	959514	77.03	ng	-0.01
79) Terphenyl-d14	19.869	244	1615056	69.57	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.075	122	219	6.38	ng	# 62
41) Hexachlorocyclopentadiene	12.799	237	15	5.51	ng	95
48) 2-Nitroaniline	13.475	65	9337	3.30	ng	# 10
50) Dimethylphthalate	14.034	163	174138	12.95	ng	100
54) 2,4-Dinitrophenol	14.687	184	29	4.86	ng	# 84

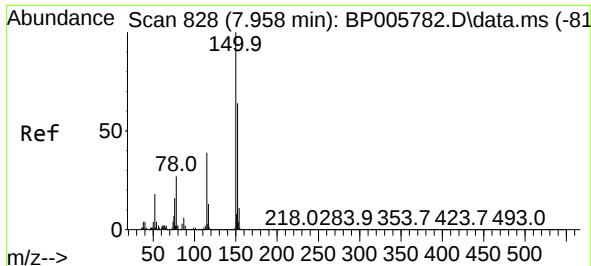
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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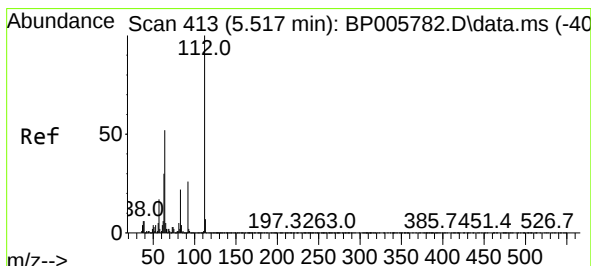
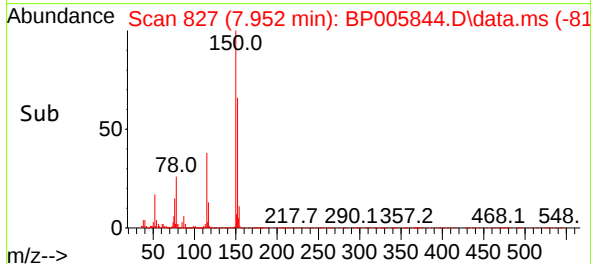
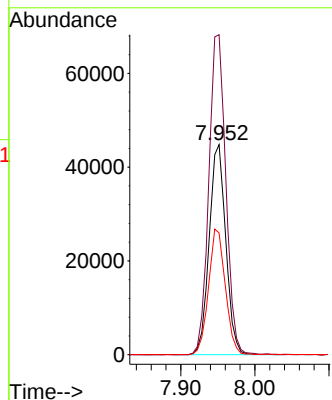
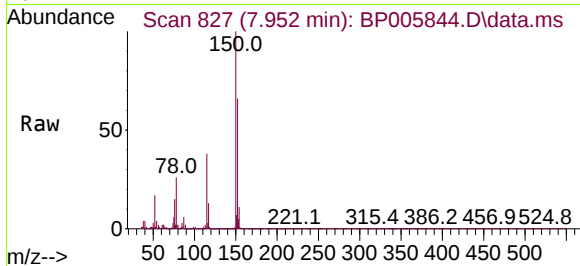




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.952 min Scan# 827
Delta R.T. -0.006 min
Lab File: BP005844.D
Acq: 10 Jun 2021 18:44

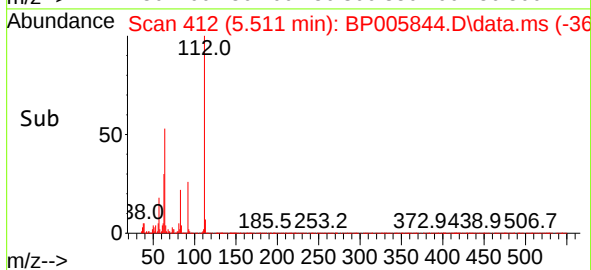
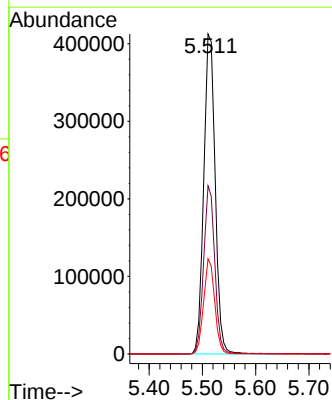
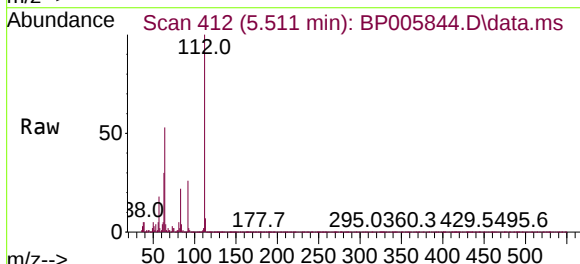
Instrument :
BNA_P
ClientSampleId :
18-B12(234-238)

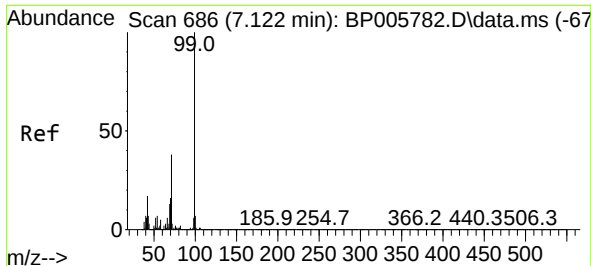
Tgt Ion:152 Resp: 69773
Ion Ratio Lower Upper
152 100
150 152.4 125.6 188.4
115 58.0 48.5 72.7



#5
2-Fluorophenol
Concen: 141.61 ng
RT: 5.511 min Scan# 412
Delta R.T. -0.006 min
Lab File: BP005844.D
Acq: 10 Jun 2021 18:44

Tgt Ion:112 Resp: 615745
Ion Ratio Lower Upper
112 100
64 52.6 41.4 62.2
63 29.7 23.8 35.8

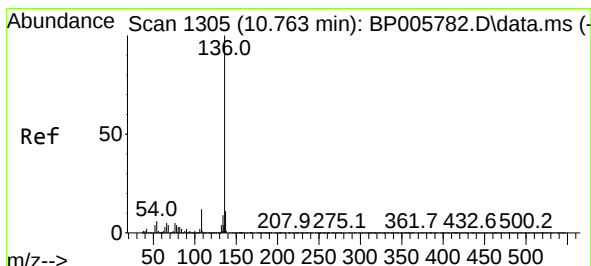
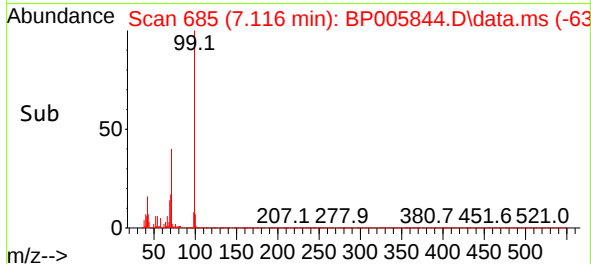
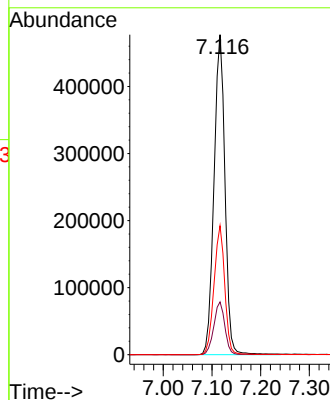
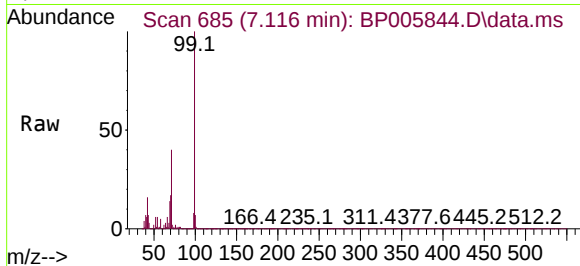




#7
Phenol-d6
Concen: 131.66 ng
RT: 7.116 min Scan# 685
Delta R.T. -0.006 min
Lab File: BP005844.D
Acq: 10 Jun 2021 18:44

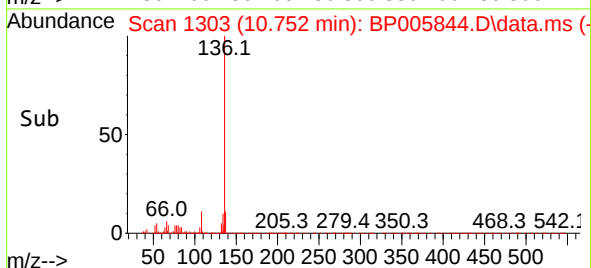
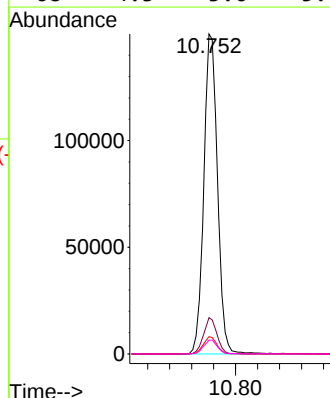
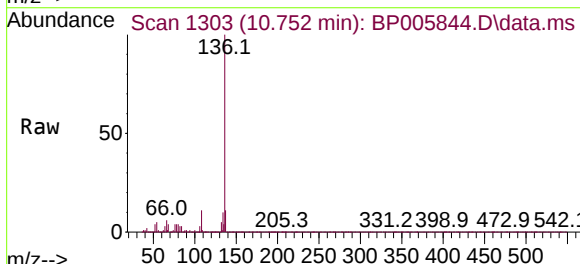
Instrument :
BNA_P
ClientSampleId :
18-B12(234-238)

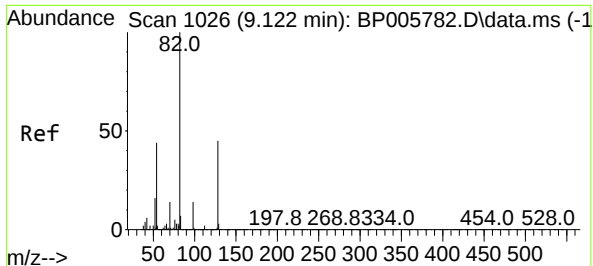
Tgt Ion: 99 Resp: 742010
Ion Ratio Lower Upper
99 100
42 16.5 13.4 20.0
71 40.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.752 min Scan# 1303
Delta R.T. -0.011 min
Lab File: BP005844.D
Acq: 10 Jun 2021 18:44

Tgt Ion:136 Resp: 258773
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 5.4 4.6 6.8
68 4.3 3.6 5.4

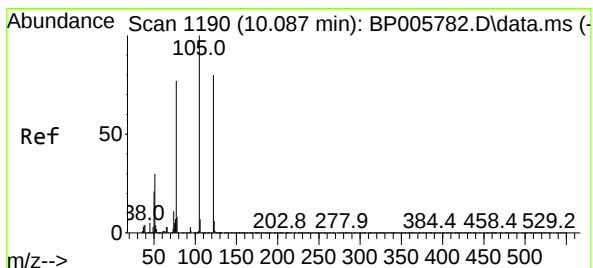
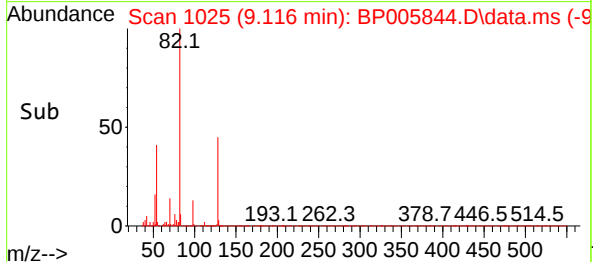
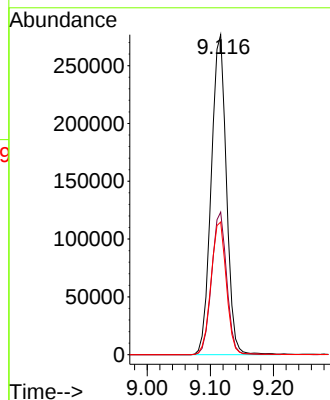
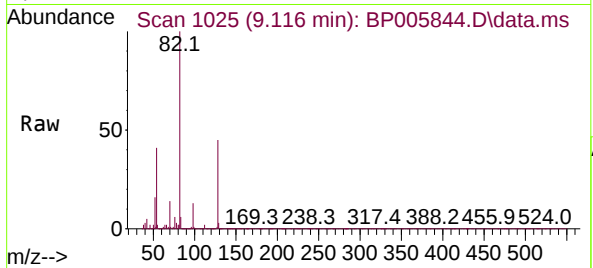




#23
Nitrobenzene-d5
Concen: 87.53 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP005844.D
Acq: 10 Jun 2021 18:44

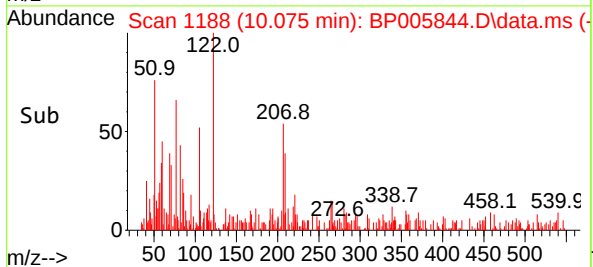
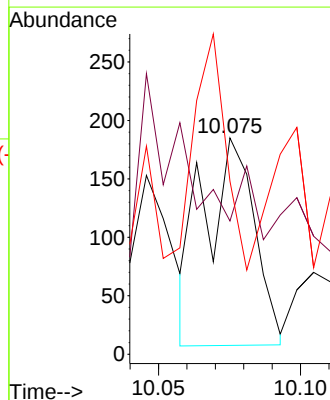
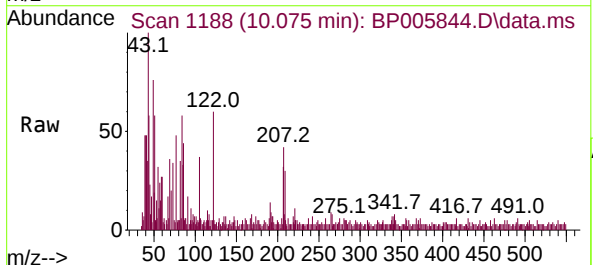
Instrument :
BNA_P
ClientSampleId :
18-B12(234-238)

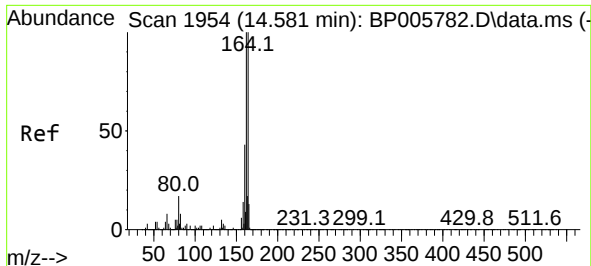
Tgt Ion: 82 Resp: 461998
Ion Ratio Lower Upper
82 100
128 44.6 35.7 53.5
54 41.5 35.0 52.4



#32
Benzoic acid
Concen: 6.38 ng
RT: 10.075 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BP005844.D
Acq: 10 Jun 2021 18:44

Tgt Ion: 122 Resp: 219
Ion Ratio Lower Upper
122 100
105 61.6 103.2 143.2#
77 80.0 76.2 116.2

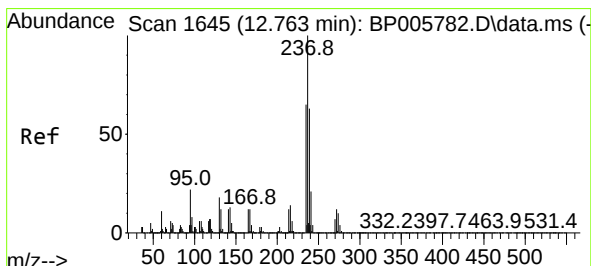
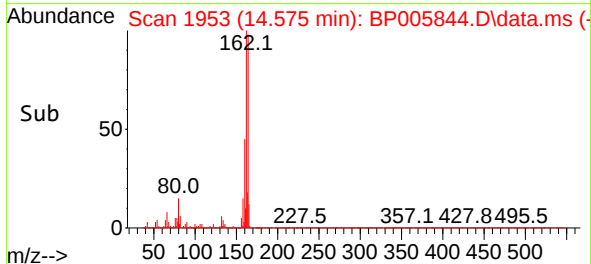
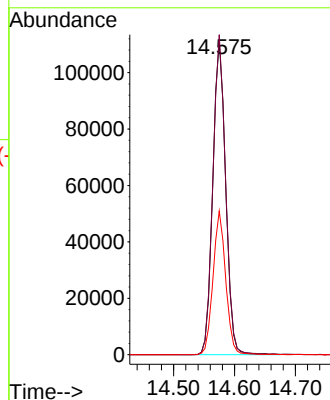
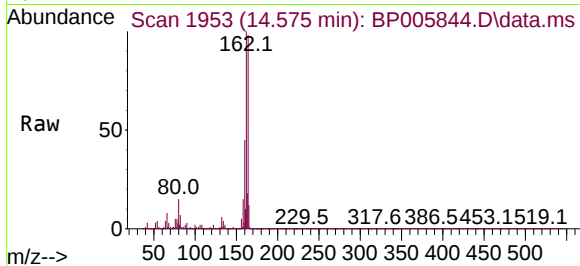




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.575 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP005844.D
Acq: 10 Jun 2021 18:44

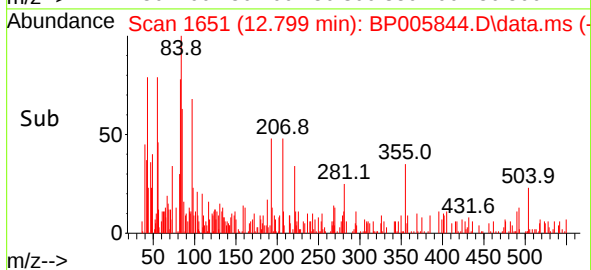
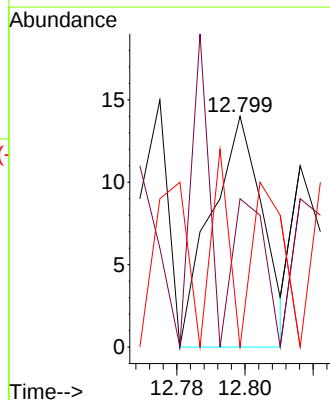
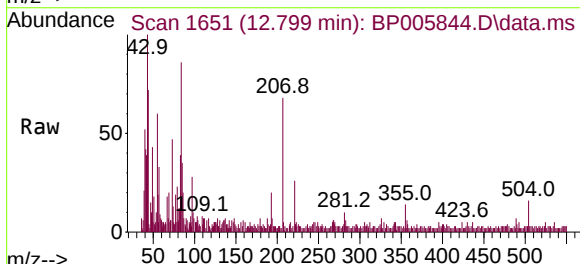
Instrument :
BNA_P
ClientSampleId :
18-B12(234-238)

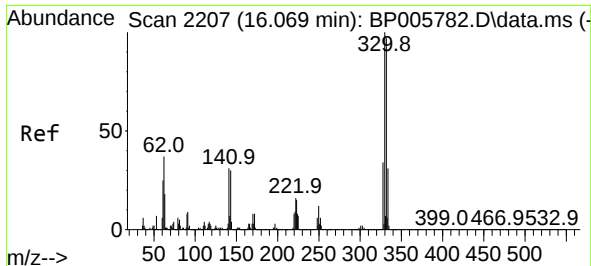
Tgt Ion:164 Resp: 163562
Ion Ratio Lower Upper
164 100
162 102.2 80.2 120.2
160 45.9 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.799 min Scan# 1651
Delta R.T. 0.036 min
Lab File: BP005844.D
Acq: 10 Jun 2021 18:44

Tgt Ion:237 Resp: 15
Ion Ratio Lower Upper
237 100
235 64.3 44.5 84.5
272 0.0 0.0 32.5

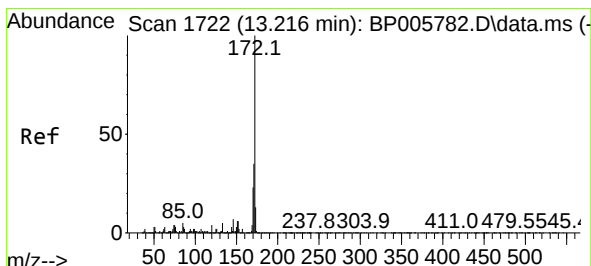
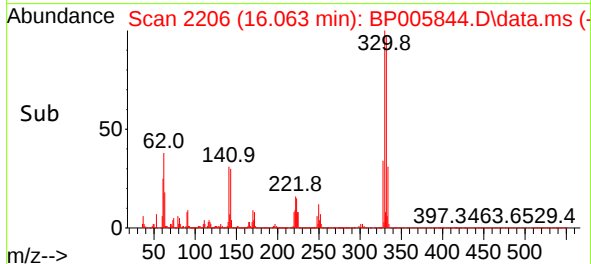
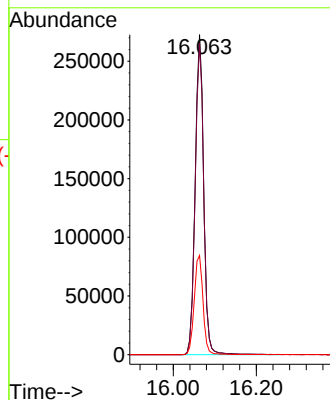
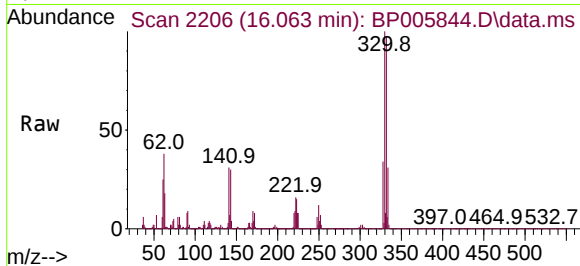




#42
2,4,6-Tribromophenol
Concen: 137.90 ng
RT: 16.063 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BP005844.D
Acq: 10 Jun 2021 18:44

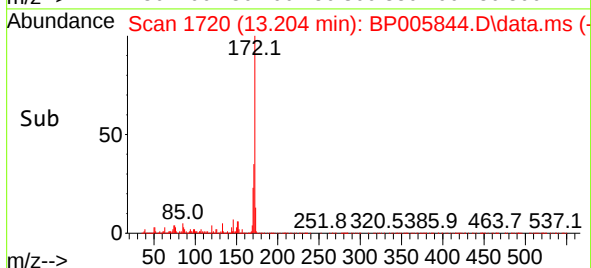
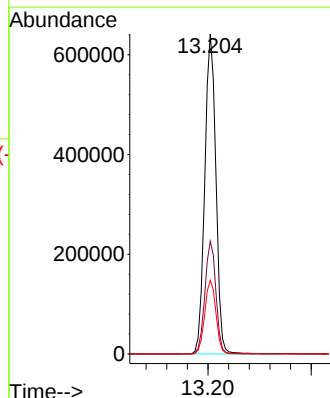
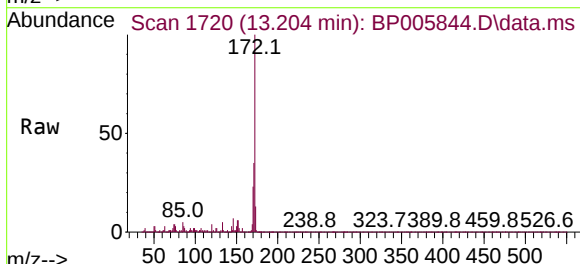
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18-B12(234-238)

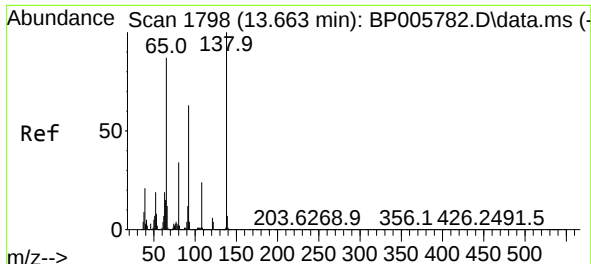
Tgt Ion:330 Resp: 387051
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 32.0 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 77.03 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.012 min
Lab File: BP005844.D
Acq: 10 Jun 2021 18:44

Tgt Ion:172 Resp: 959514
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.0 18.6 27.8

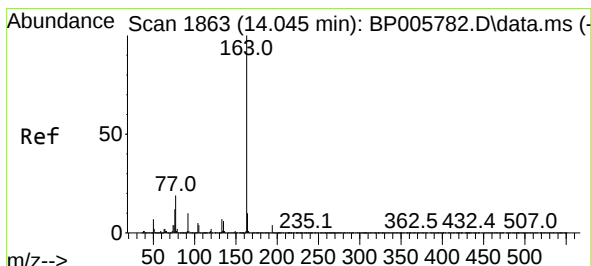
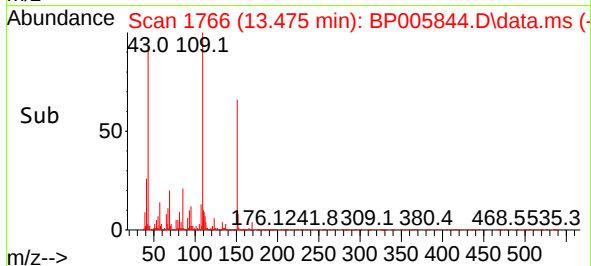
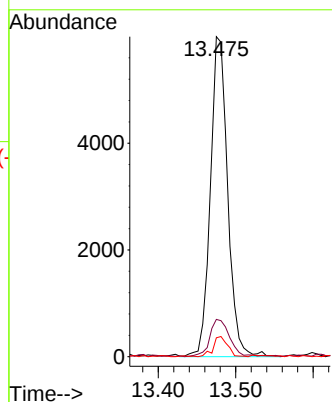
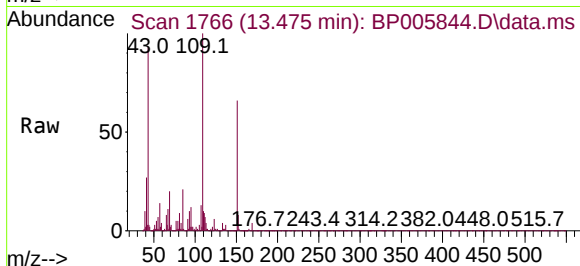




#48
2-Nitroaniline
Concen: 3.30 ng
RT: 13.475 min Scan# 1766
Delta R.T. -0.188 min
Lab File: BP005844.D
Acq: 10 Jun 2021 18:44

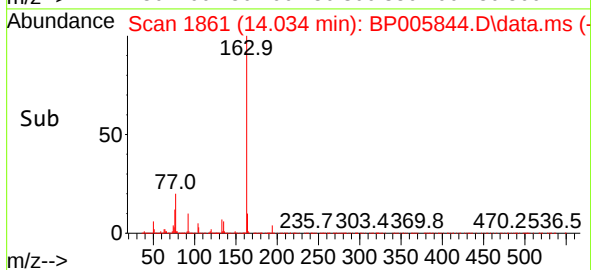
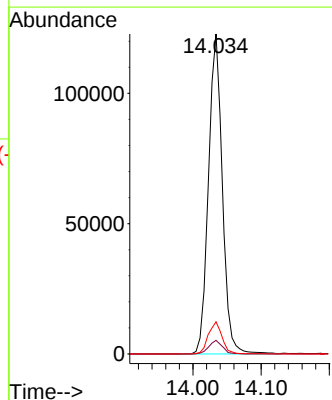
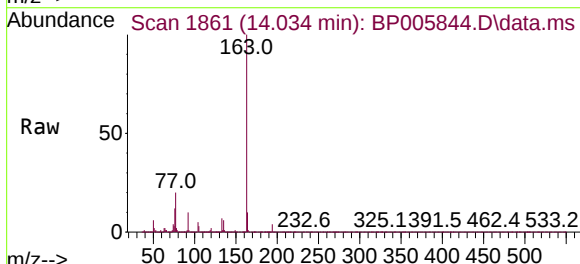
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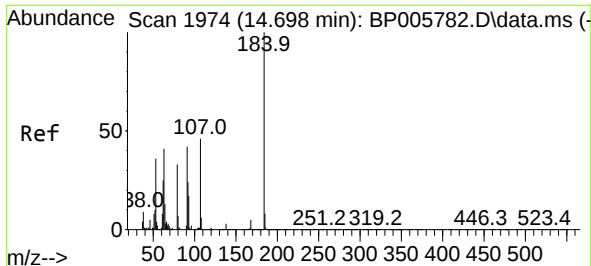
Tgt Ion: 65 Resp: 9337
Ion Ratio Lower Upper
65 100
92 11.7 57.7 86.5#
138 5.9 92.1 138.1#



#50
Dimethylphthalate
Concen: 12.95 ng
RT: 14.034 min Scan# 1861
Delta R.T. -0.012 min
Lab File: BP005844.D
Acq: 10 Jun 2021 18:44

Tgt Ion: 163 Resp: 174138
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.0 8.2 12.2

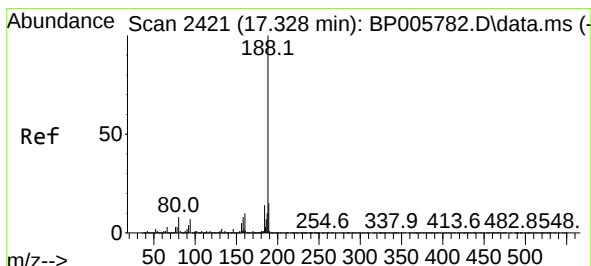
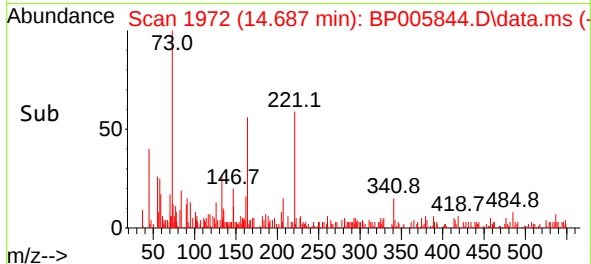
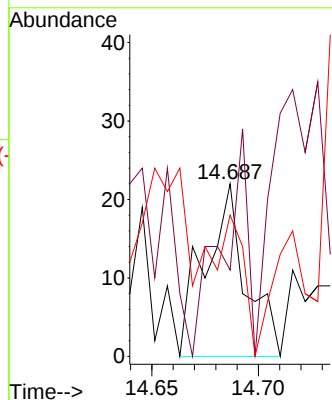
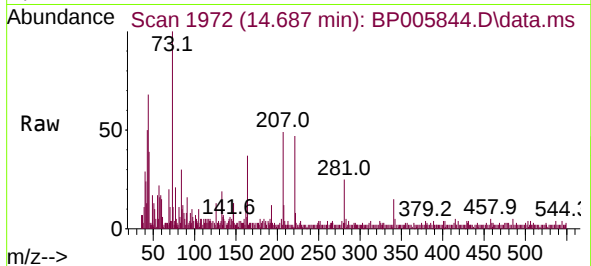




#54
2,4-Dinitrophenol
Concen: 4.86 ng
RT: 14.687 min Scan# 1972
Delta R.T. -0.011 min
Lab File: BP005844.D
Acq: 10 Jun 2021 18:44

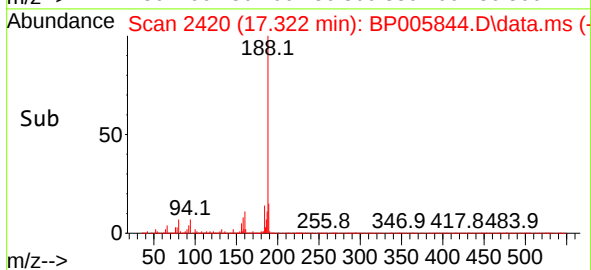
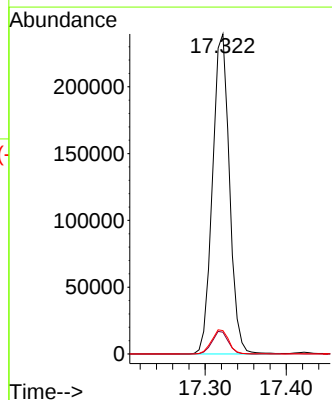
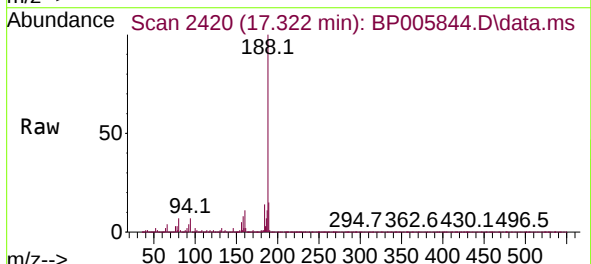
Instrument :
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ClientSampleId :
18-B12(234-238)

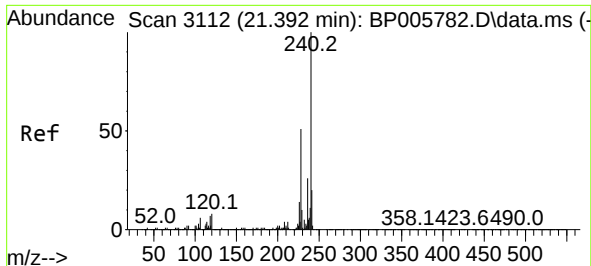
Tgt Ion:184 Resp: 29
Ion Ratio Lower Upper
184 100
63 50.0 47.0 70.6
154 81.8 52.3 78.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.322 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP005844.D
Acq: 10 Jun 2021 18:44

Tgt Ion:188 Resp: 346741
Ion Ratio Lower Upper
188 100
94 6.8 5.6 8.4
80 7.3 6.3 9.5

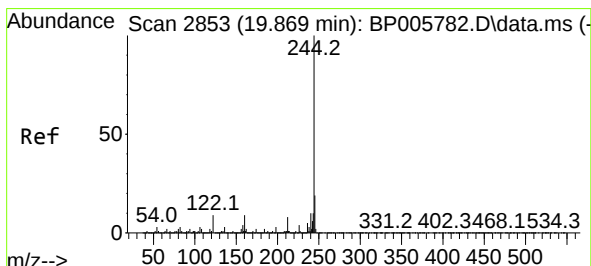
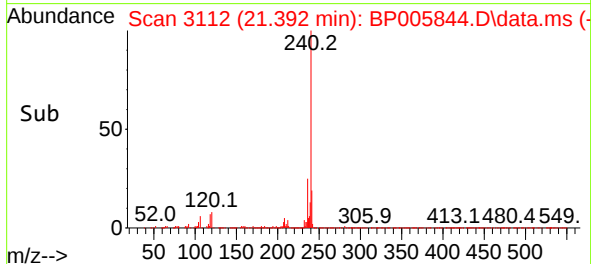
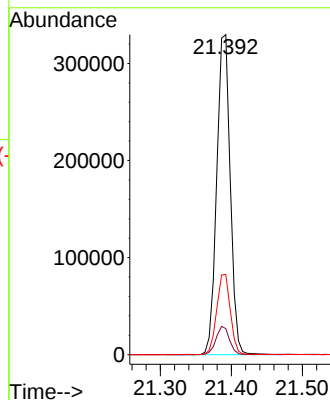
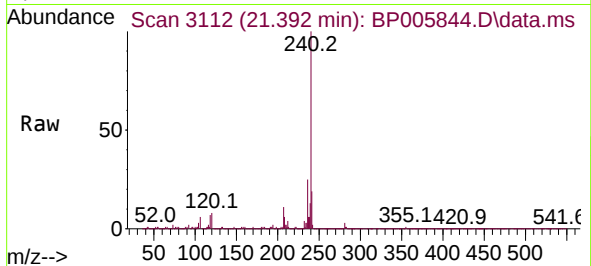




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP005844.D
Acq: 10 Jun 2021 18:44

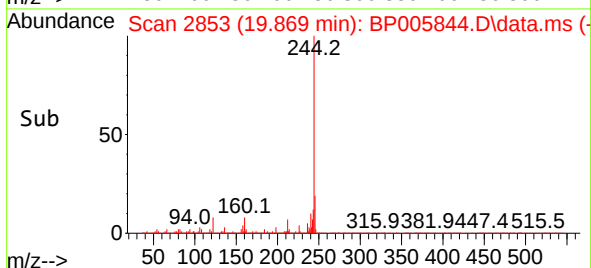
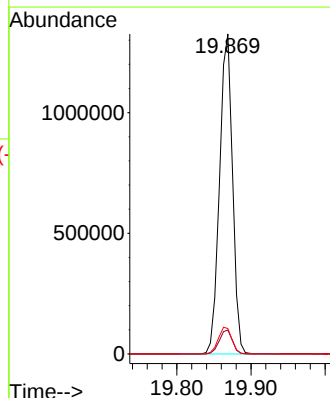
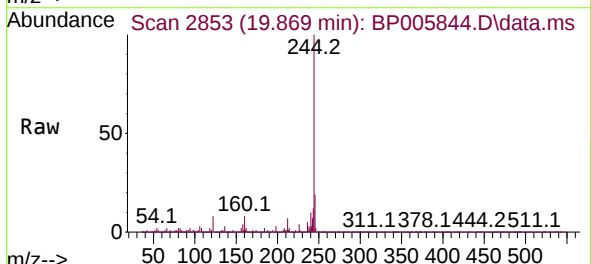
Instrument :
BNA_P
ClientSampleId :
18-B12(234-238)

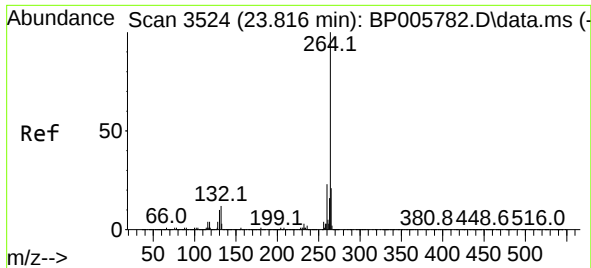
Tgt Ion:240 Resp: 434710
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 25.1 20.6 31.0



#79
Terphenyl-d14
Concen: 69.57 ng
RT: 19.869 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BP005844.D
Acq: 10 Jun 2021 18:44

Tgt Ion:244 Resp: 1615056
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 8.0 7.1 10.7





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.810 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BP005844.D
Acq: 10 Jun 2021 18:44

Instrument :
BNA_P
ClientSampleId :
18-B12(234-238)

Tgt Ion:264 Resp: 484595

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	22.1	17.6	26.4

