

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
 Data File : BP007041.D
 Acq On : 17 Sep 2021 23:36
 Operator : CG/JU
 Sample : M3791-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SW-CB-04-(1.5)

Quant Time: Sep 18 00:58:50 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 17 10:50:16 2021
 Response via : Initial Calibration

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

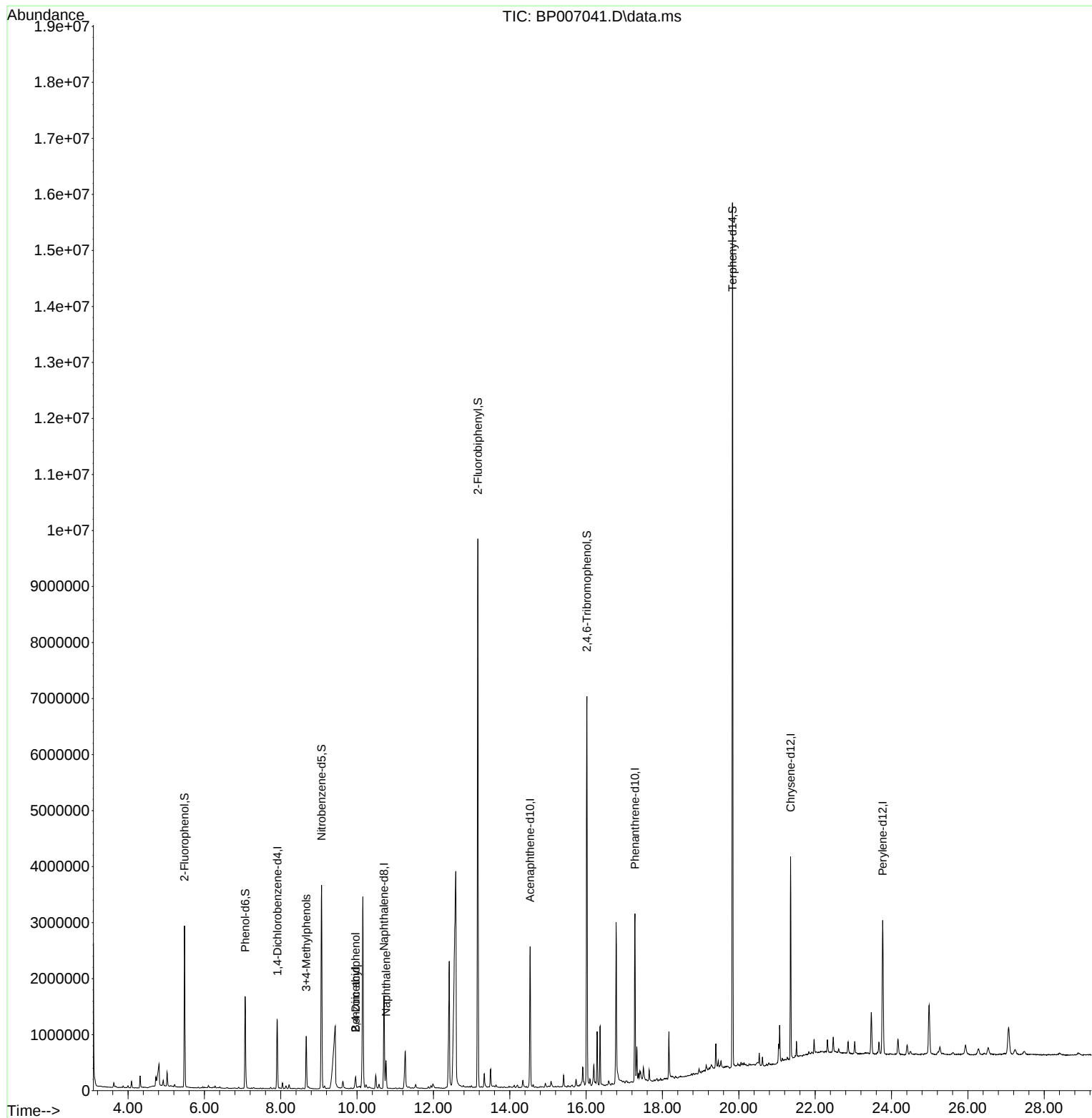
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	358295	20.000	ng	0.00
21) Naphthalene-d8	10.705	136	1411763	20.000	ng	# 0.00
39) Acenaphthene-d10	14.534	164	862075	20.000	ng	0.00
64) Phenanthrene-d10	17.281	188	1763248	20.000	ng	# 0.00
76) Chrysene-d12	21.357	240	1700716	20.000	ng	#-0.01
86) Perylene-d12	23.769	264	1753816	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1287548	58.680	ng	0.00
7) Phenol-d6	7.069	99	989765	33.049	ng	0.00
23) Nitrobenzene-d5	9.069	82	2107271	83.834	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	1404598	135.482	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	5116728	81.938	ng	0.00
79) Terphenyl-d14	19.833	244	7257206	81.870	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.064	77	3419	Below Cal	#	39
20) 3+4-Methylphenols	8.669	107	436038	16.612	ng	86
27) 2,4-Dimethylphenol	9.963	122	88354	4.416	ng	# 4
31) Naphthalene	10.757	128	383201	4.899	ng	99
32) Benzoic acid	9.963	122	88354	11.275	ng	97

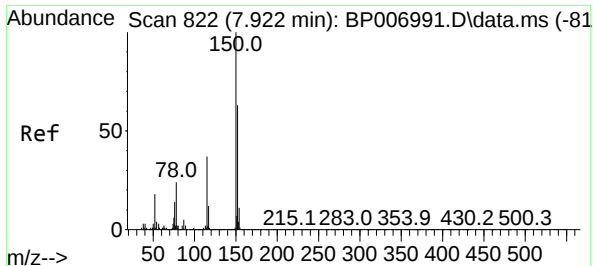
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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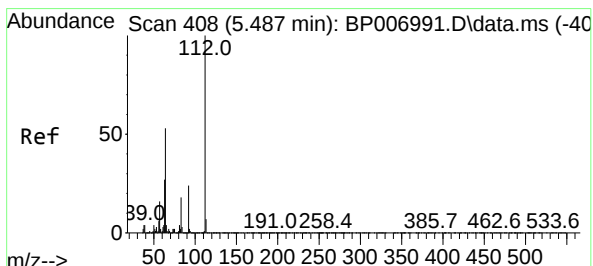
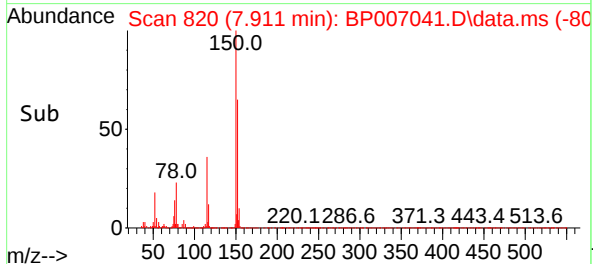
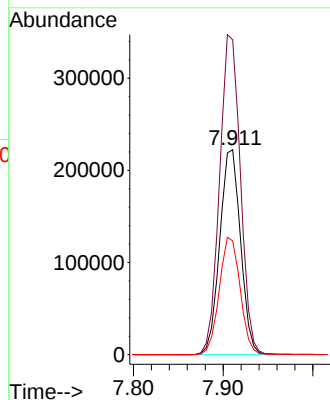
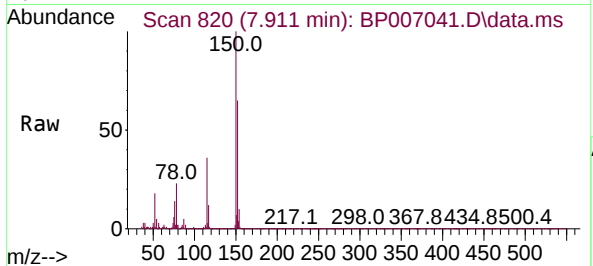




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 820
Delta R.T. 0.000 min
Lab File: BP007041.D
Acq: 17 Sep 2021 23:36

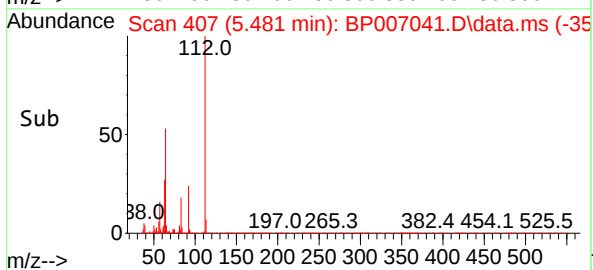
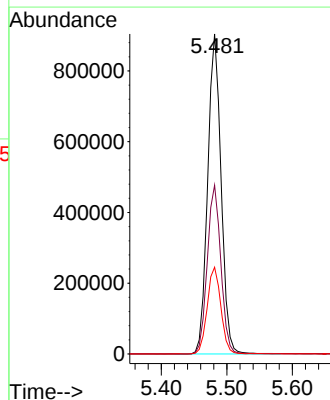
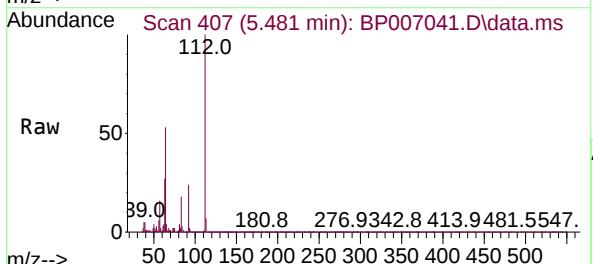
Instrument :
BNA_P
ClientSampleId :
SW-CB-04-(1.5)

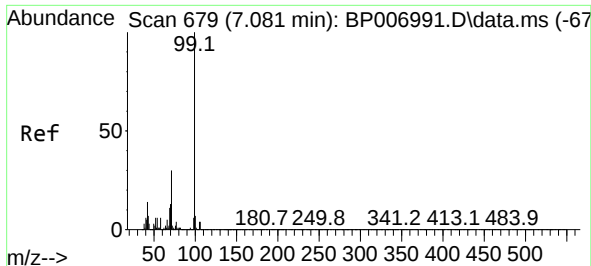
Tgt Ion:152 Resp: 358295
Ion Ratio Lower Upper
152 100
150 153.6 125.6 188.4
115 55.5 48.5 72.7



#5
2-Fluorophenol
Concen: 58.680 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP007041.D
Acq: 17 Sep 2021 23:36

Tgt Ion:112 Resp: 1287548
Ion Ratio Lower Upper
112 100
64 52.8 41.4 62.2
63 27.1 23.8 35.8

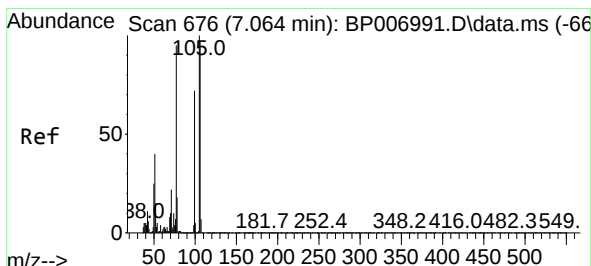
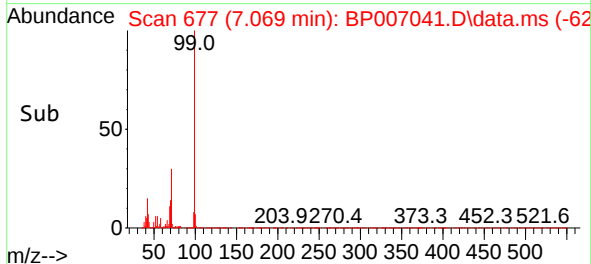
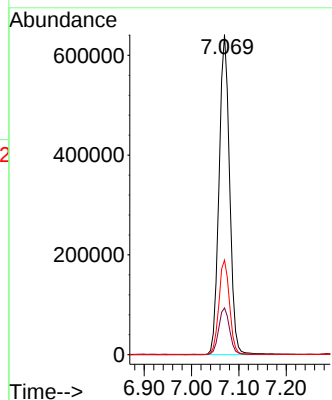
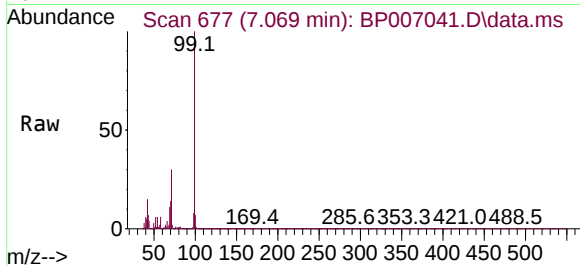




#7
Phenol-d6
Concen: 33.049 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.000 min
Lab File: BP007041.D
Acq: 17 Sep 2021 23:36

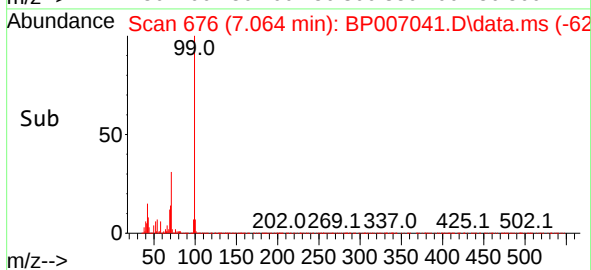
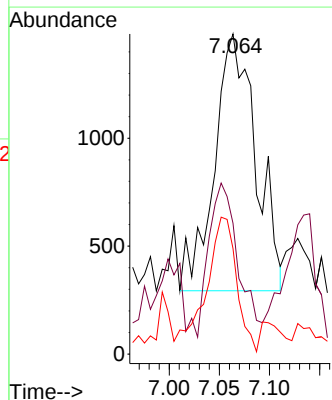
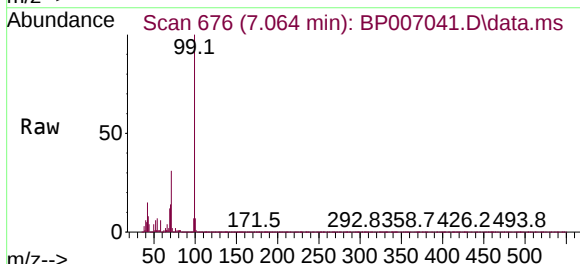
Instrument :
BNA_P
ClientSampleId :
SW-CB-04-(1.5)

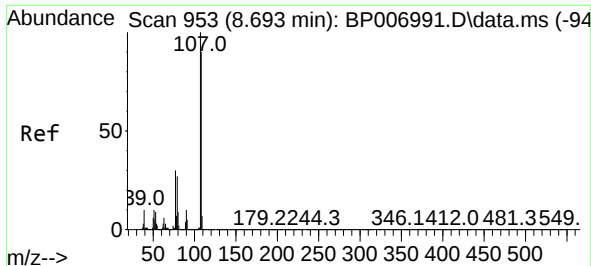
Tgt Ion: 99 Resp: 989765
Ion Ratio Lower Upper
99 100
42 14.6 13.4 20.0
71 29.5 30.6 46.0#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.064 min Scan# 676
Delta R.T. 0.018 min
Lab File: BP007041.D
Acq: 17 Sep 2021 23:36

Tgt Ion: 77 Resp: 3419
Ion Ratio Lower Upper
77 100
105 40.9 76.7 116.7#
106 33.0 76.2 116.2#

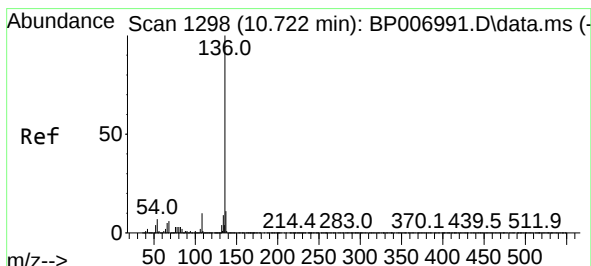
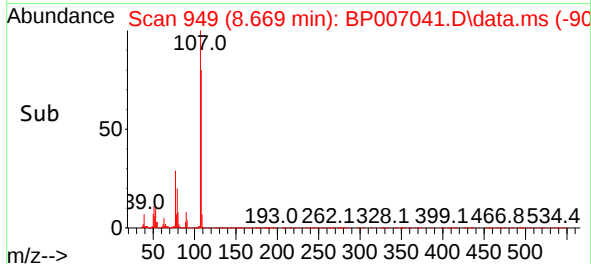
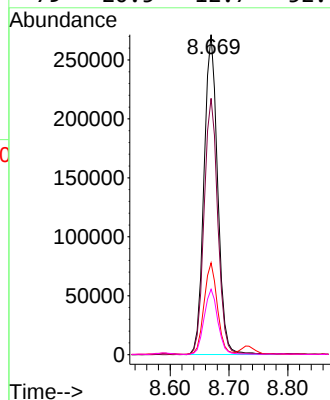
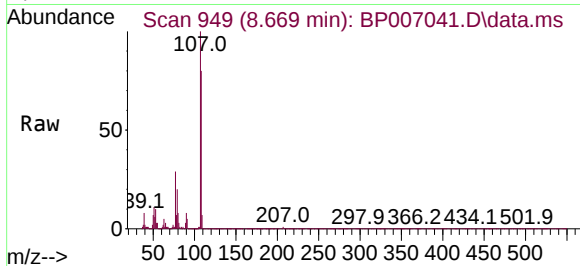




#20
3+4-Methylphenols
Concen: 16.612 ng
RT: 8.669 min Scan# 949
Delta R.T. -0.012 min
Lab File: BP007041.D
Acq: 17 Sep 2021 23:36

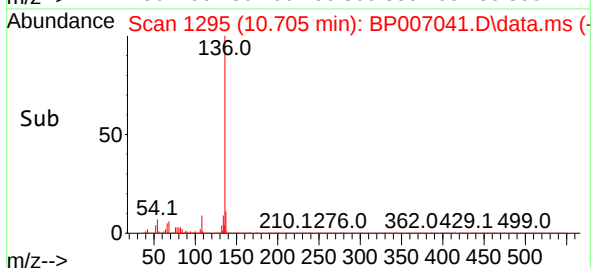
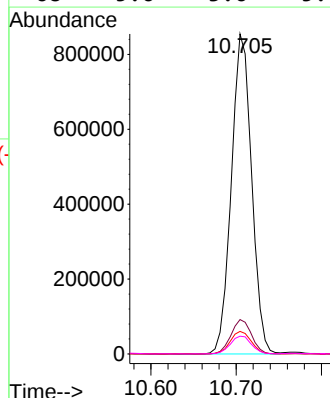
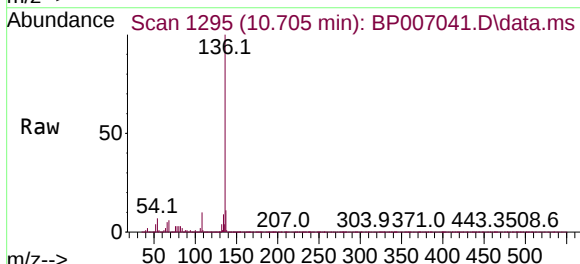
Instrument :
BNA_P
ClientSampleId :
SW-CB-04-(1.5)

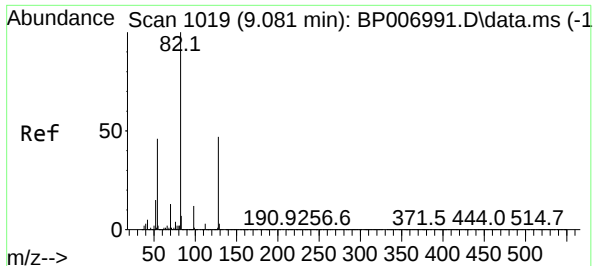
Tgt Ion:107	Resp: 436038
Ion Ratio	Lower Upper
107 100	
108 80.1	71.0 111.0
77 28.7	16.6 56.6
79 20.5	12.7 52.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP007041.D
Acq: 17 Sep 2021 23:36

Tgt Ion:136	Resp: 1411763
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 12.8
54 7.0	4.6 6.8#
68 5.6	3.6 5.4#

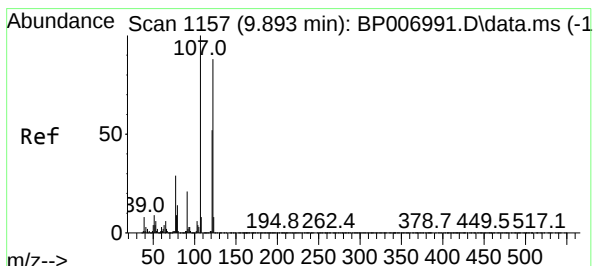
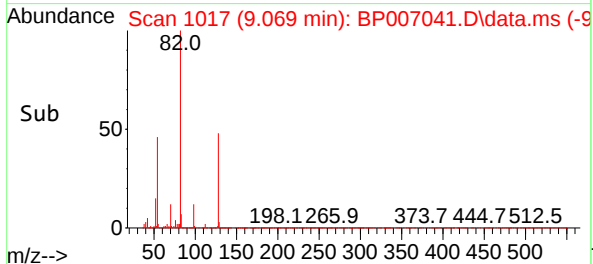
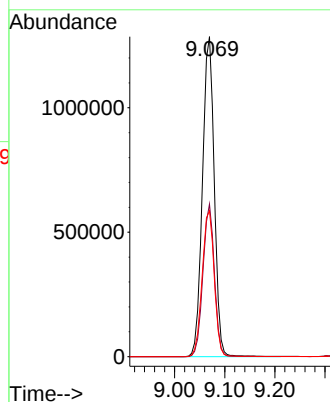
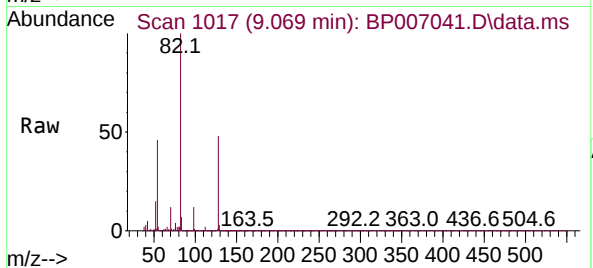




#23
Nitrobenzene-d5
Concen: 83.834 ng
RT: 9.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BP007041.D
Acq: 17 Sep 2021 23:36

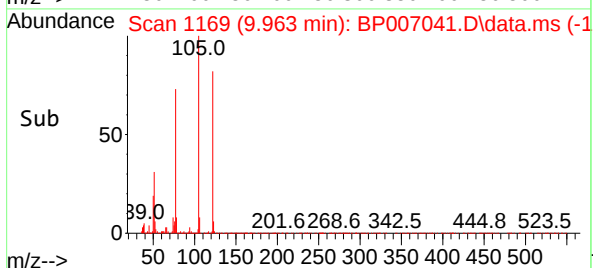
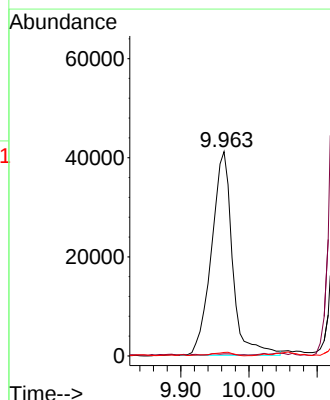
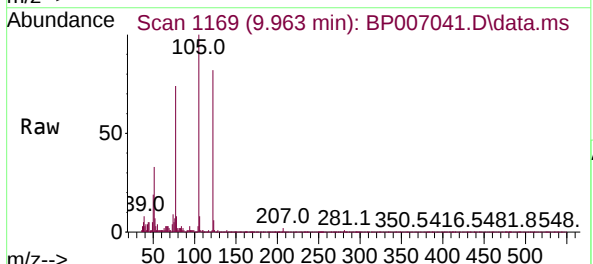
Instrument :
BNA_P
ClientSampleId :
SW-CB-04-(1.5)

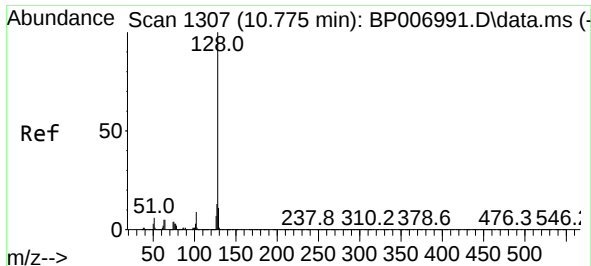
Tgt Ion: 82 Resp: 2107271
Ion Ratio Lower Upper
82 100
128 47.7 35.7 53.5
54 45.6 35.0 52.4



#27
2,4-Dimethylphenol
Concen: 4.416 ng
RT: 9.963 min Scan# 1169
Delta R.T. 0.082 min
Lab File: BP007041.D
Acq: 17 Sep 2021 23:36

Tgt Ion:122 Resp: 88354
Ion Ratio Lower Upper
122 100
107 1.0 94.5 141.7#
121 1.8 47.4 71.2#

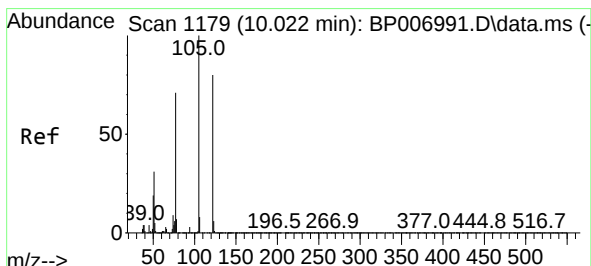
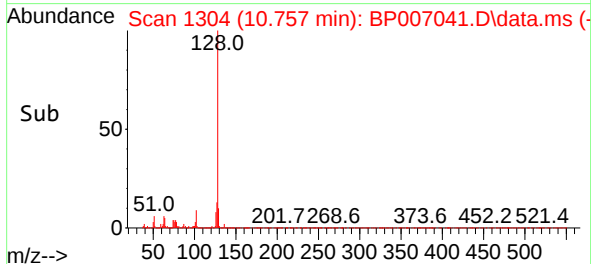
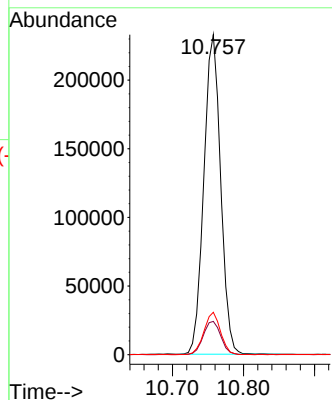
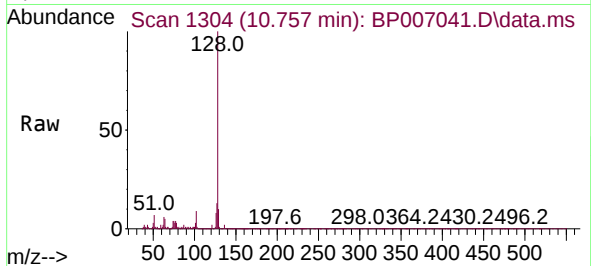




#31
Naphthalene
Concen: 4.899 ng
RT: 10.757 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BP007041.D
Acq: 17 Sep 2021 23:36

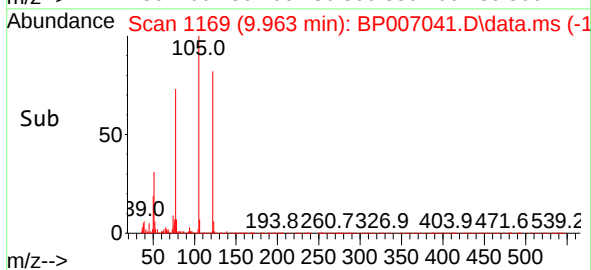
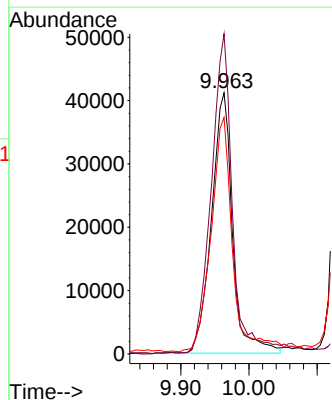
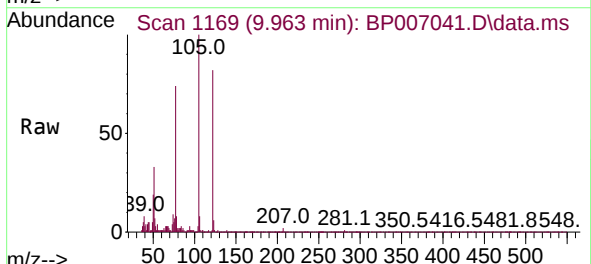
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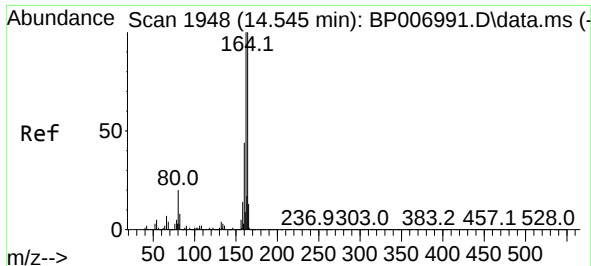
Tgt Ion:	128	Resp:	383201
Ion Ratio	Lower	Upper	
128	100		
129	10.4	9.0	13.6
127	13.2	10.7	16.1



#32
Benzoic acid
Concen: 11.275 ng
RT: 9.963 min Scan# 1169
Delta R.T. -0.047 min
Lab File: BP007041.D
Acq: 17 Sep 2021 23:36

Tgt Ion:	122	Resp:	88354
Ion Ratio	Lower	Upper	
122	100		
105	122.5	103.2	143.2
77	90.5	76.2	116.2

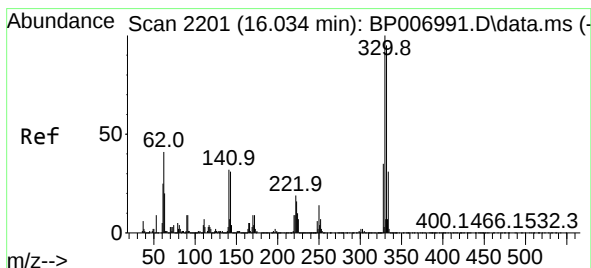
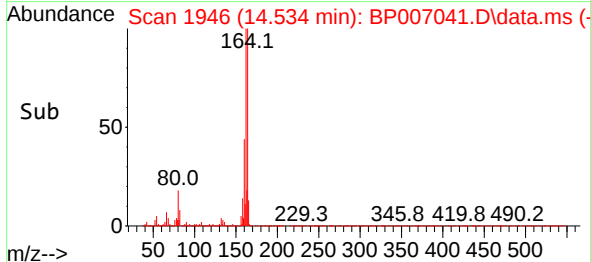
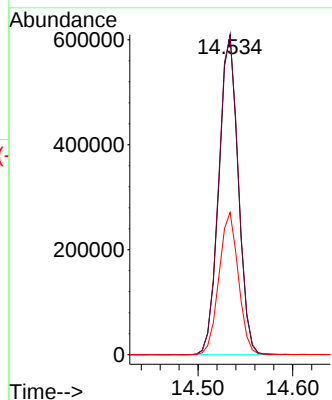
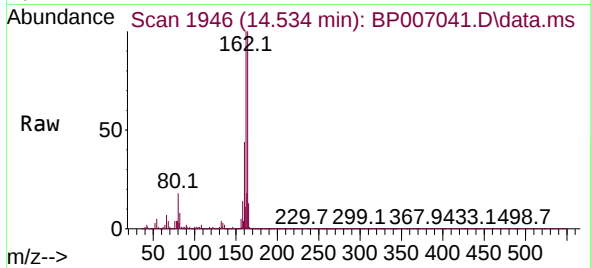




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP007041.D
Acq: 17 Sep 2021 23:36

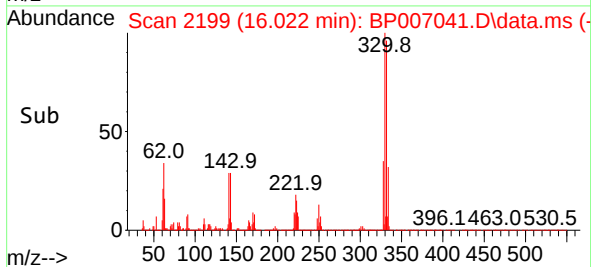
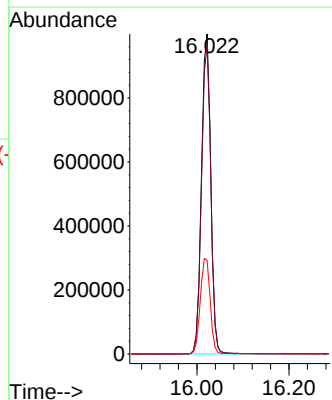
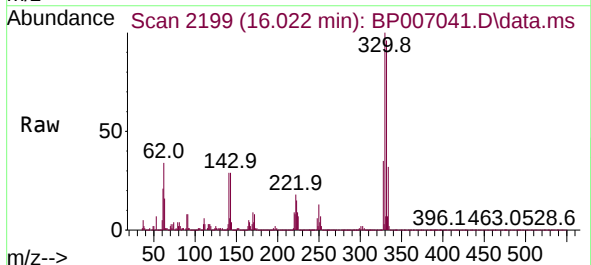
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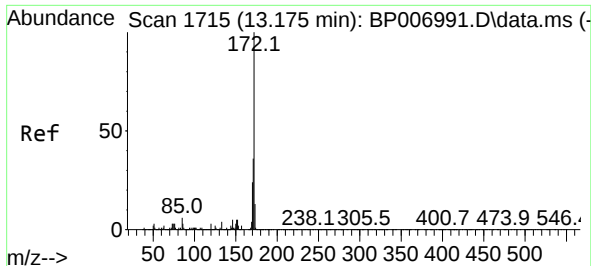
Tgt Ion:164 Resp: 862075
Ion Ratio Lower Upper
164 100
162 99.5 80.2 120.2
160 44.5 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 135.482 ng
RT: 16.022 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BP007041.D
Acq: 17 Sep 2021 23:36

Tgt Ion:330 Resp: 1404598
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 31.8 25.4 38.2

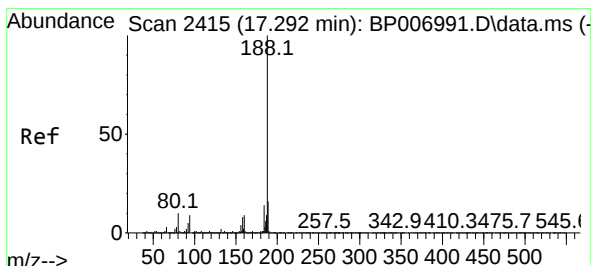
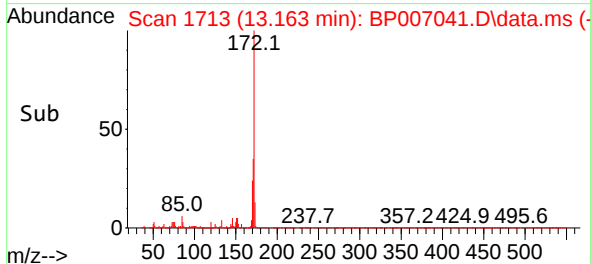
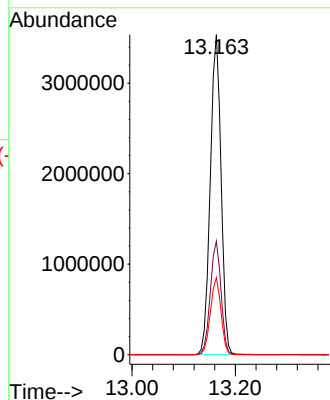
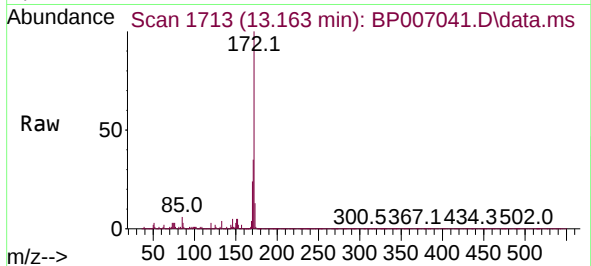




#45
2-Fluorobiphenyl
Concen: 81.938 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP007041.D
Acq: 17 Sep 2021 23:36

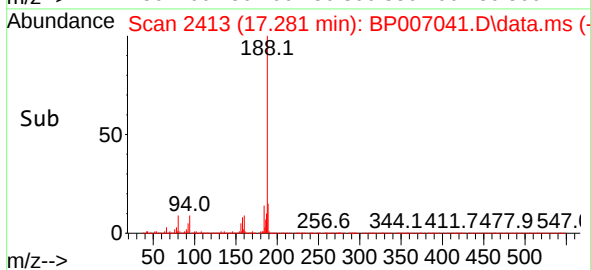
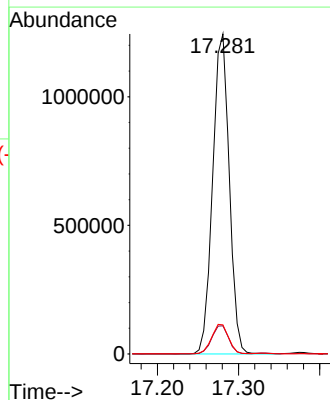
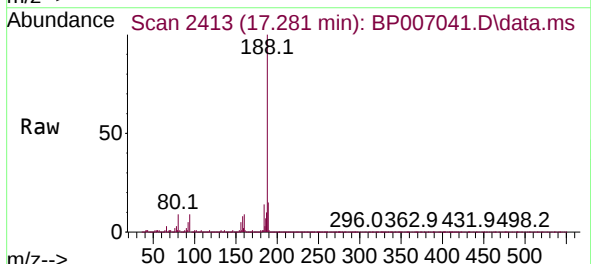
Instrument :
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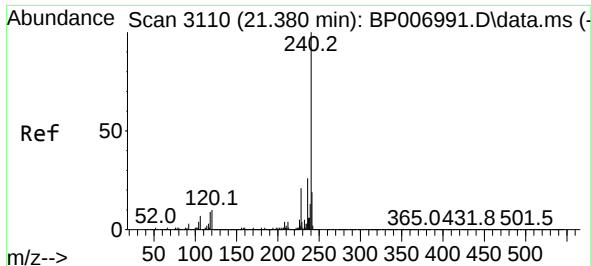
Tgt Ion:172 Resp: 5116728
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 24.1 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.281 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP007041.D
Acq: 17 Sep 2021 23:36

Tgt Ion:188 Resp: 1763248
Ion Ratio Lower Upper
188 100
94 8.8 5.6 8.4#
80 9.1 6.3 9.5

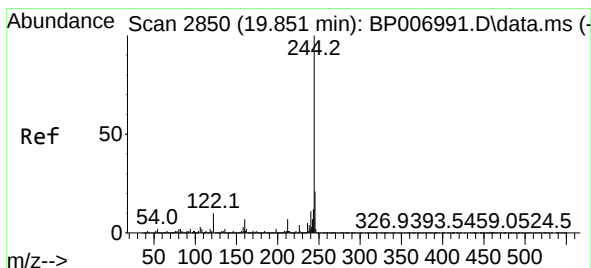
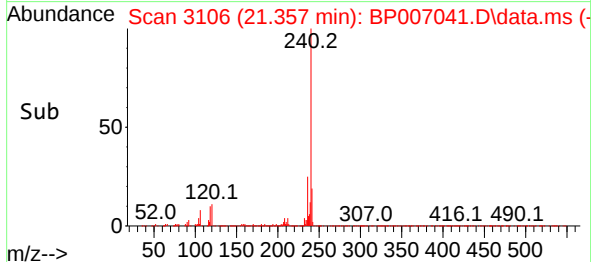
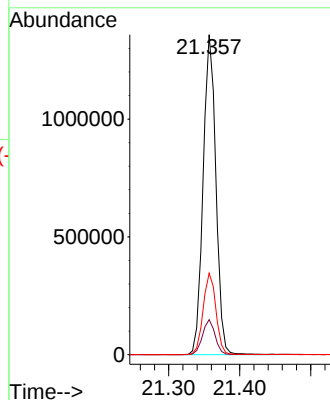
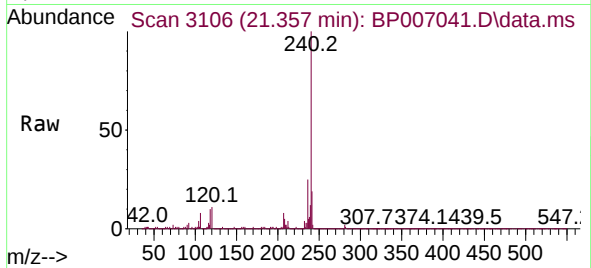




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BP007041.D
Acq: 17 Sep 2021 23:36

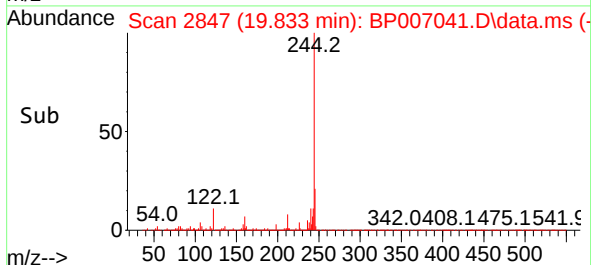
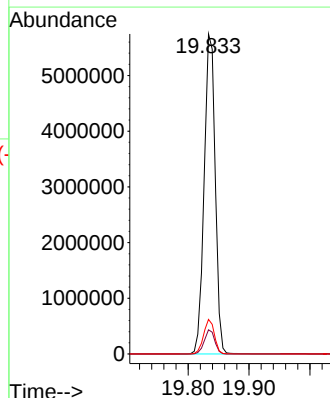
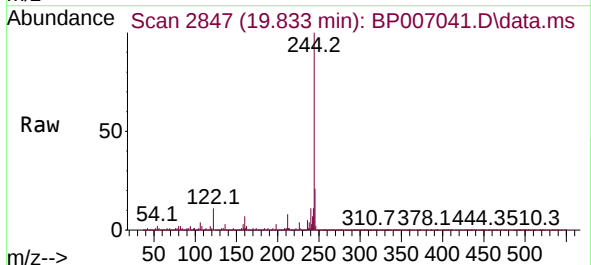
Instrument :
BNA_P
ClientSampleId :
SW-CB-04-(1.5)

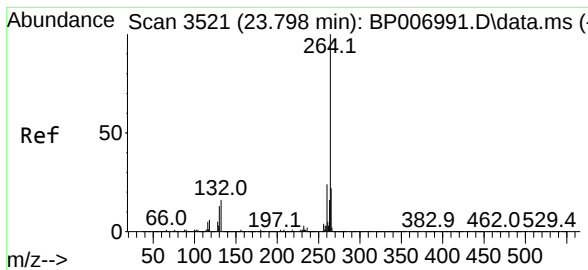
Tgt Ion:240 Resp: 1700716
Ion Ratio Lower Upper
240 100
120 11.0 6.5 9.7#
236 25.4 20.6 31.0



#79
Terphenyl-d14
Concen: 81.870 ng
RT: 19.833 min Scan# 2847
Delta R.T. -0.006 min
Lab File: BP007041.D
Acq: 17 Sep 2021 23:36

Tgt Ion:244 Resp: 7257206
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 10.8 7.1 10.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.769 min Scan# 3516
 Delta R.T. -0.012 min
 Lab File: BP007041.D
 Acq: 17 Sep 2021 23:36

Instrument :
 BNA_P
 ClientSampleId :
 SW-CB-04-(1.5)

Tgt Ion:264 Resp: 1753816
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.9 17.6 26.4

