

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121621\
 Data File : BP008462.D
 Acq On : 16 Dec 2021 20:29
 Operator : CG/JU
 Sample : M5083-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BB7

Quant Time: Dec 17 03:24:02 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

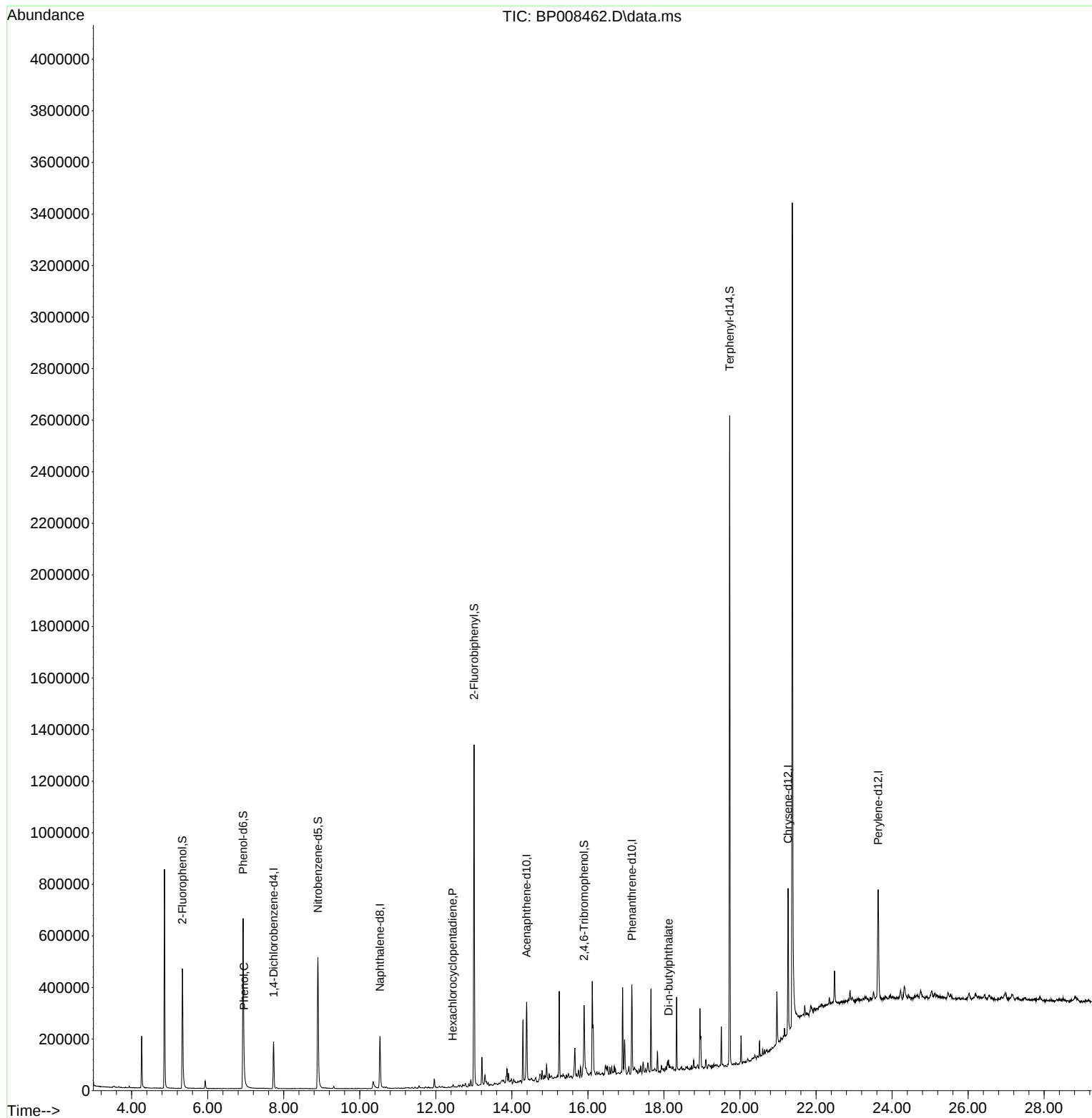
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	50325	20.000	ng	-0.01
21) Naphthalene-d8	10.528	136	171558	20.000	ng	-0.01
39) Acenaphthene-d10	14.387	164	104740	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	221218	20.000	ng	0.00
76) Chrysene-d12	21.263	240	292007	20.000	ng	0.00
86) Perylene-d12	23.633	264	353808	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	205077	64.355	ng	-0.01
7) Phenol-d6	6.928	99	433854	101.370	ng	-0.01
23) Nitrobenzene-d5	8.899	82	329986	81.487	ng	-0.01
42) 2,4,6-Tribromophenol	15.898	330	69459	45.126	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	685607	83.210	ng	-0.01
79) Terphenyl-d14	19.728	244	1178130	70.218	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.234	88	174	Below Cal	#	69
9) Benzaldehyde	6.864	77	116	Below Cal	#	38
10) Phenol	6.958	94	9207	2.118	ng	# 53
41) Hexachlorocyclopentadiene	12.446	237	25	8.672	ng	78
74) Di-n-butylphthalate	18.122	149	25780	2.077	ng	# 96

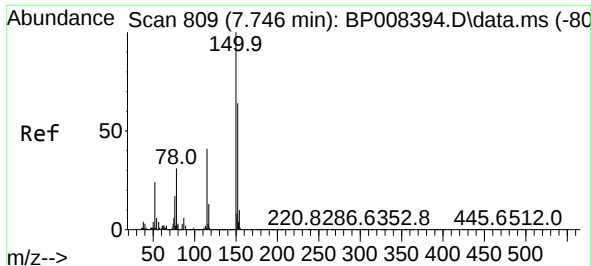
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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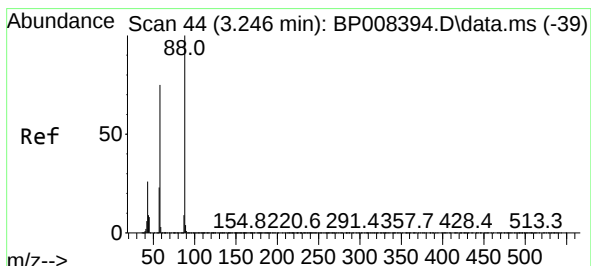
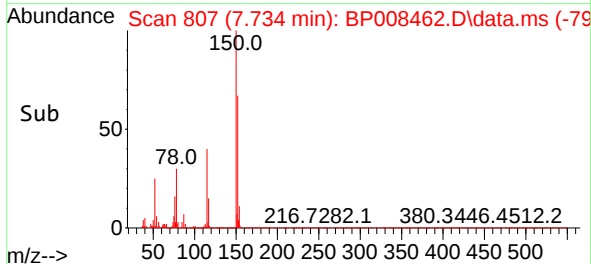
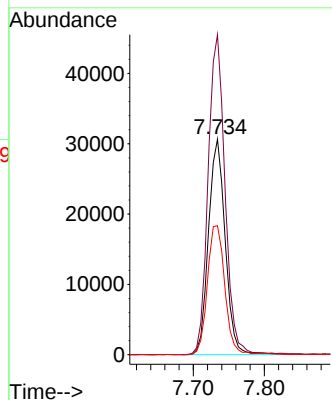
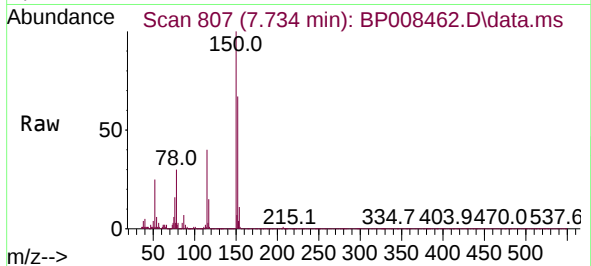




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP008462.D
Acq: 16 Dec 2021 20:29

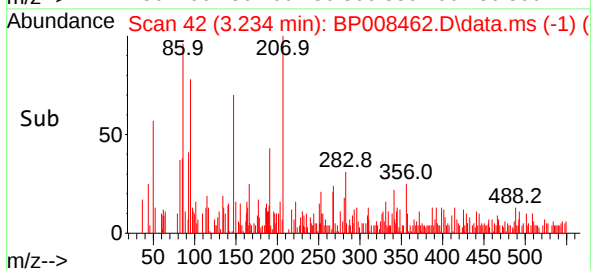
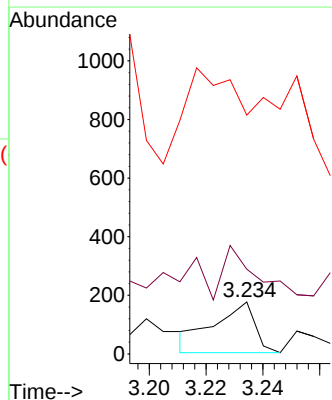
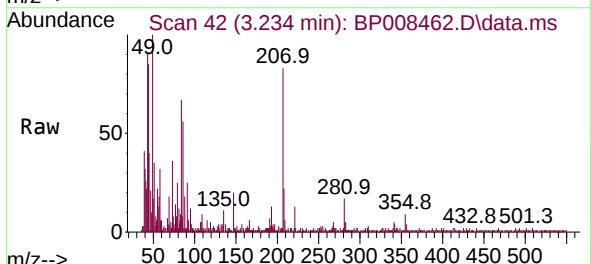
Instrument :
BNA_P
ClientSampleId :
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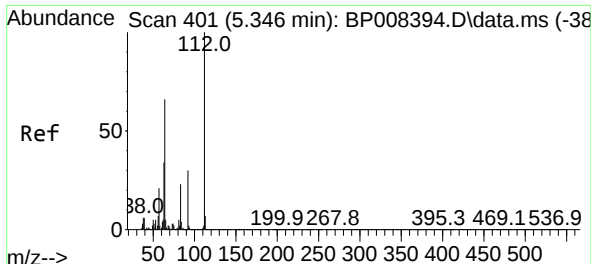
Tgt Ion:152 Resp: 50325
Ion Ratio Lower Upper
152 100
150 148.5 125.7 188.5
115 59.9 50.7 76.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.234 min Scan# 42
Delta R.T. -0.012 min
Lab File: BP008462.D
Acq: 16 Dec 2021 20:29

Tgt Ion: 88 Resp: 174
Ion Ratio Lower Upper
88 100
58 98.9 63.5 95.3#
43 0.0 23.4 35.2#

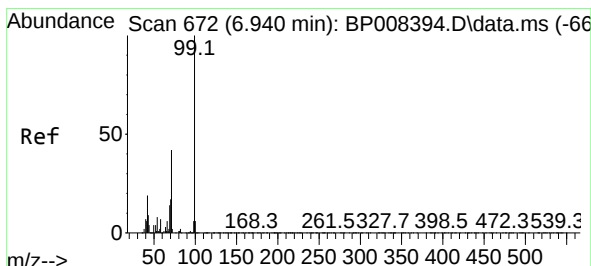
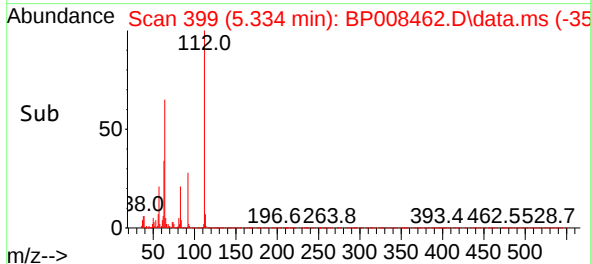
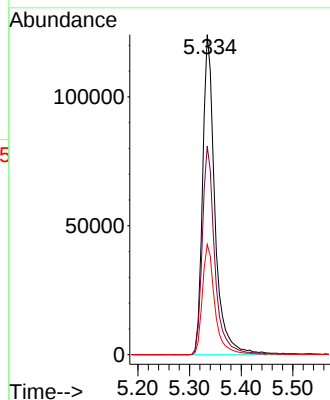
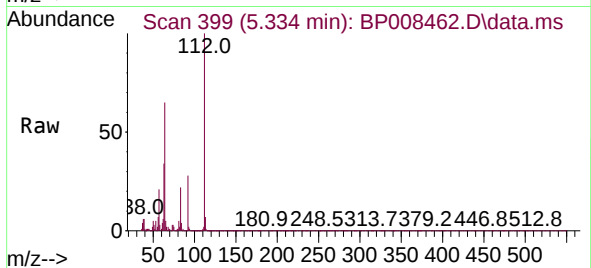




#5
2-Fluorophenol
Concen: 64.355 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP008462.D
Acq: 16 Dec 2021 20:29

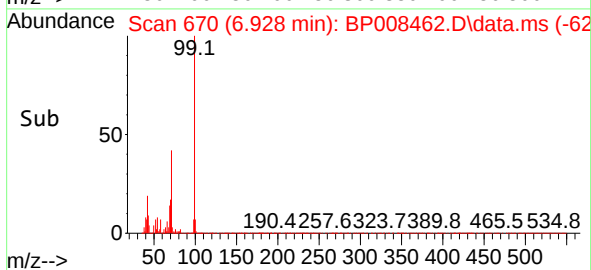
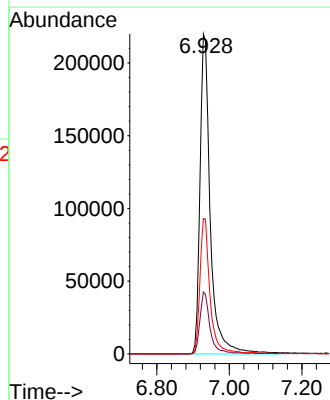
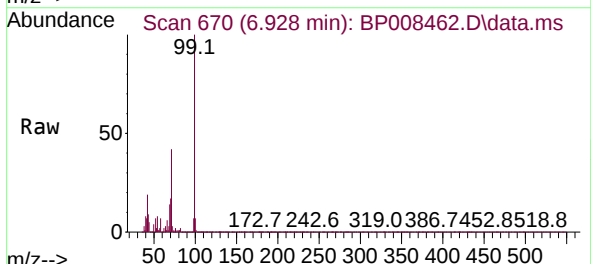
Instrument :
BNA_P
ClientSampleId :
BB7

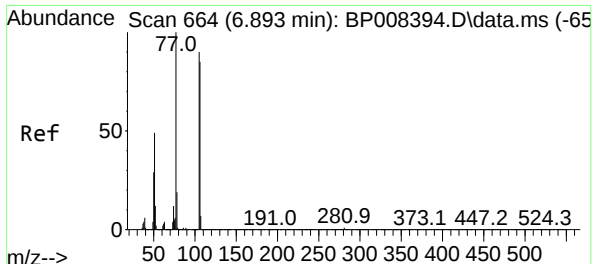
Tgt Ion:112 Resp: 205077
Ion Ratio Lower Upper
112 100
64 65.1 53.4 80.2
63 34.4 27.8 41.8



#7
Phenol-d6
Concen: 101.370 ng
RT: 6.928 min Scan# 670
Delta R.T. -0.012 min
Lab File: BP008462.D
Acq: 16 Dec 2021 20:29

Tgt Ion: 99 Resp: 433854
Ion Ratio Lower Upper
99 100
42 19.3 14.6 22.0
71 42.3 31.1 46.7

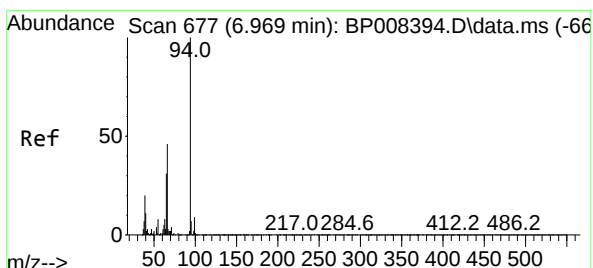
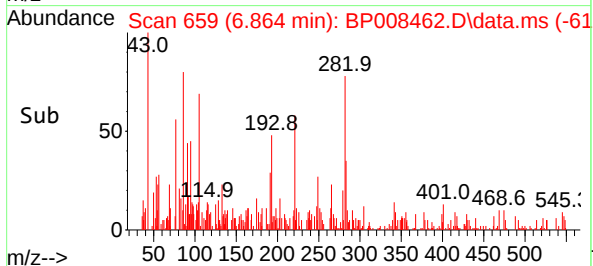
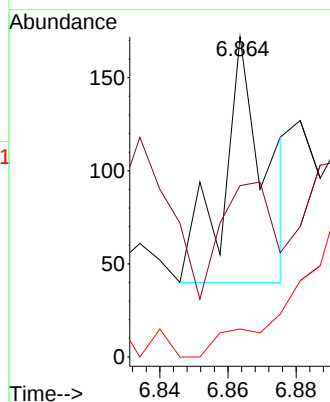
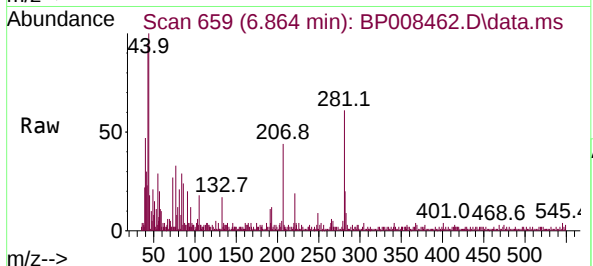




#9
Benzaldehyde
Concen: Below Cal
RT: 6.864 min Scan# 611
Delta R.T. -0.029 min
Lab File: BP008462.D
Acq: 16 Dec 2021 20:29

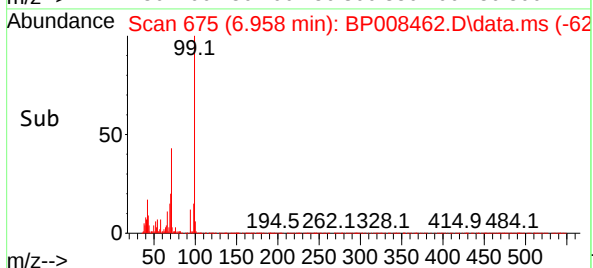
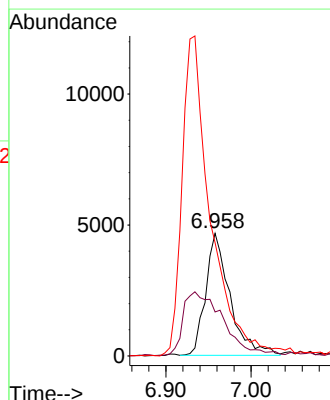
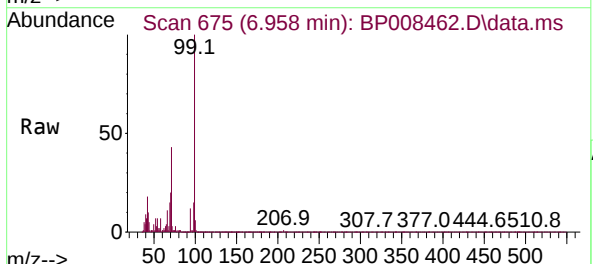
Instrument :
BNA_P
ClientSampleId :
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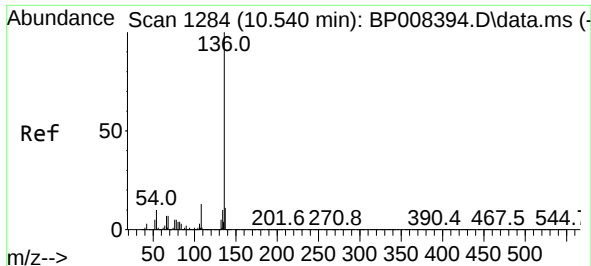
Tgt Ion: 77 Resp: 116
Ion Ratio Lower Upper
77 100
105 53.5 71.8 111.8#
106 8.7 67.3 107.3#



#10
Phenol
Concen: 2.118 ng
RT: 6.958 min Scan# 675
Delta R.T. -0.012 min
Lab File: BP008462.D
Acq: 16 Dec 2021 20:29

Tgt Ion: 94 Resp: 9207
Ion Ratio Lower Upper
94 100
65 35.9 10.9 50.9
66 92.4 24.3 64.3#

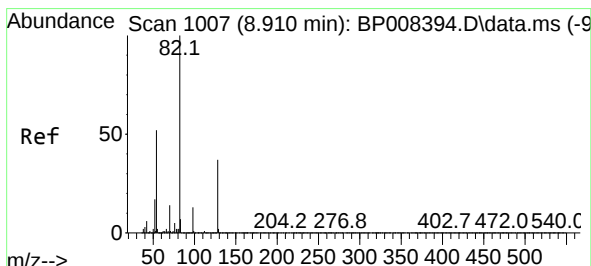
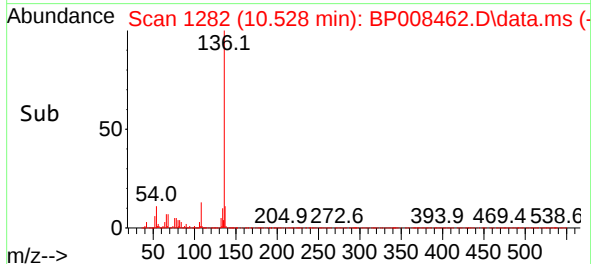
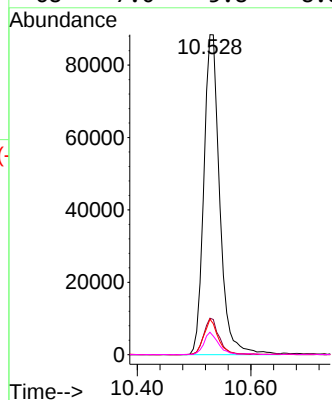
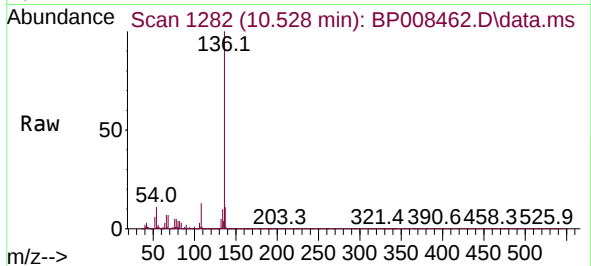




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008462.D
Acq: 16 Dec 2021 20:29

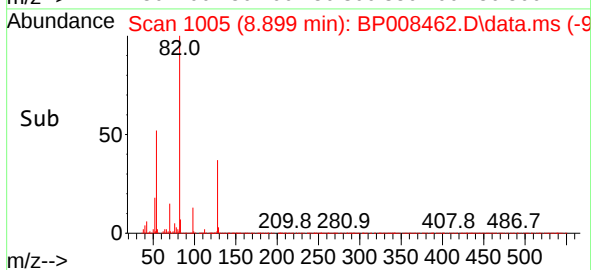
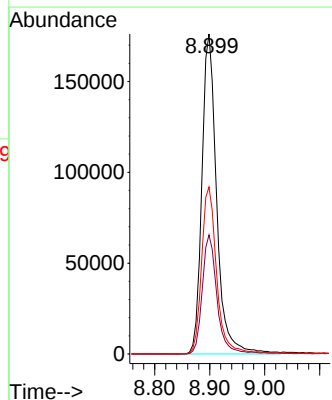
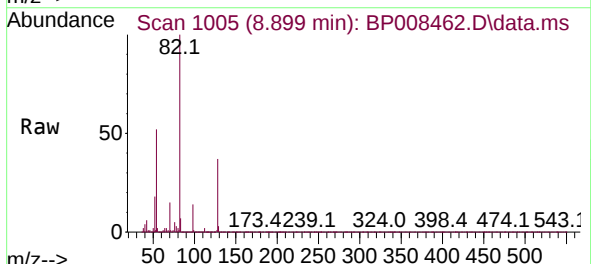
Instrument :
BNA_P
ClientSampleId :
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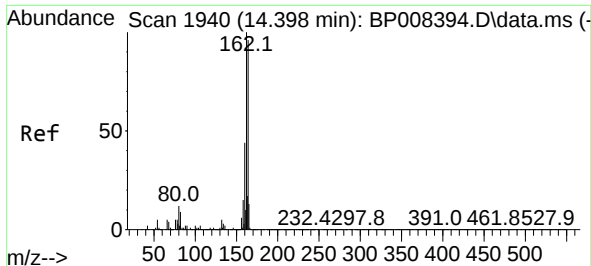
Tgt Ion:	136	Resp:	171558
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	11.1	8.2	12.4
68	7.0	5.8	8.8



#23
Nitrobenzene-d5
Concen: 81.487 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BP008462.D
Acq: 16 Dec 2021 20:29

Tgt Ion:	82	Resp:	329986
Ion Ratio	Lower	Upper	
82	100		
128	37.2	29.6	44.4
54	52.2	42.7	64.1

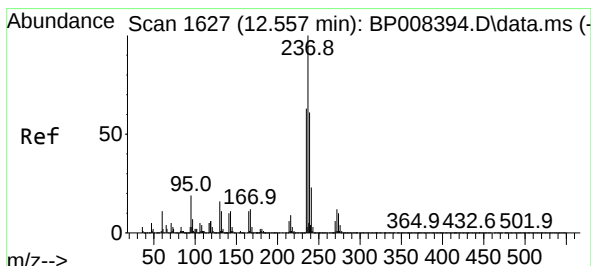
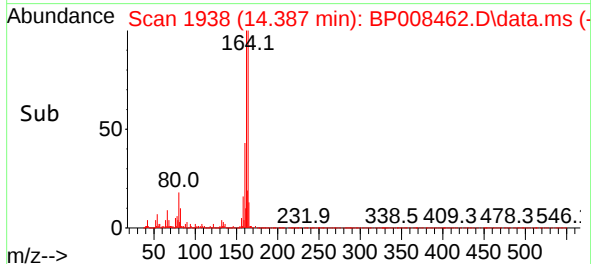
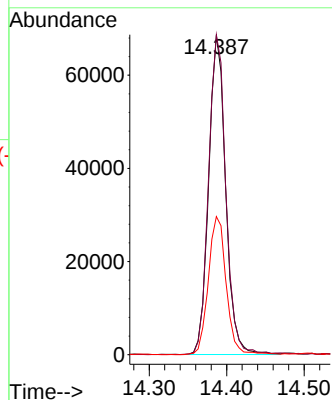
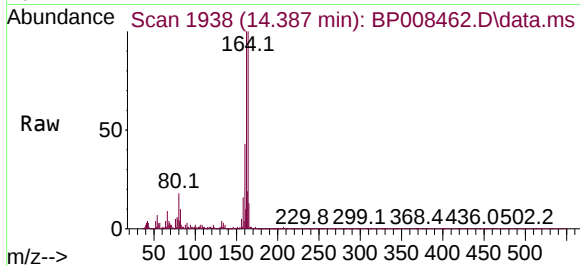




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BP008462.D
Acq: 16 Dec 2021 20:29

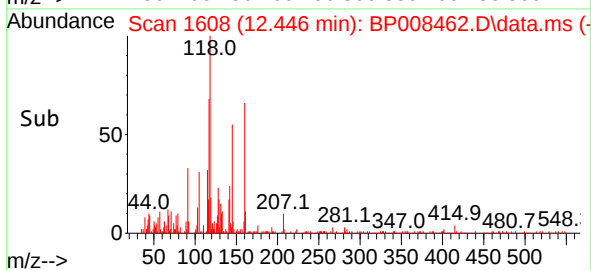
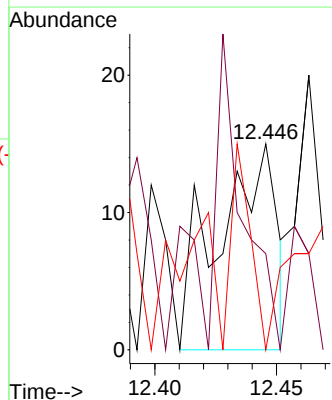
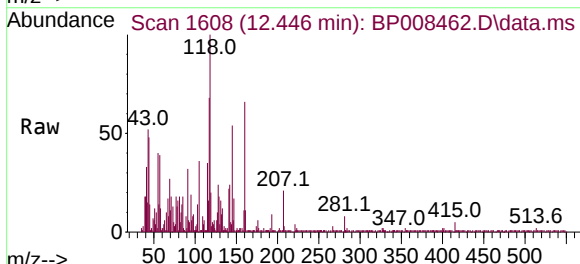
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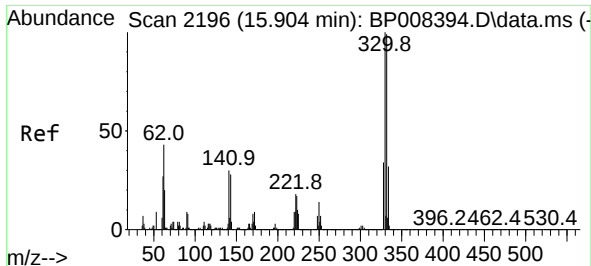
Tgt Ion:164 Resp: 104740
Ion Ratio Lower Upper
164 100
162 100.2 81.9 122.9
160 43.3 35.4 53.0



#41
Hexachlorocyclopentadiene
Concen: 8.672 ng
RT: 12.446 min Scan# 1608
Delta R.T. -0.111 min
Lab File: BP008462.D
Acq: 16 Dec 2021 20:29

Tgt Ion:237 Resp: 25
Ion Ratio Lower Upper
237 100
235 46.7 42.3 82.3
272 0.0 0.0 32.2

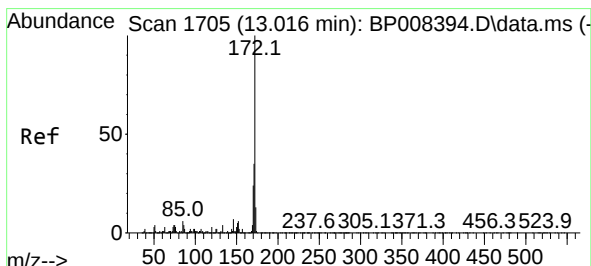
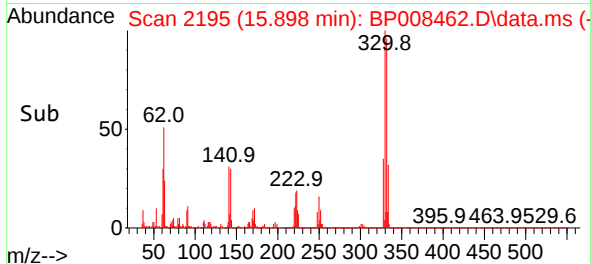
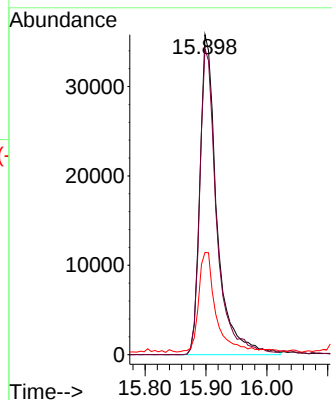
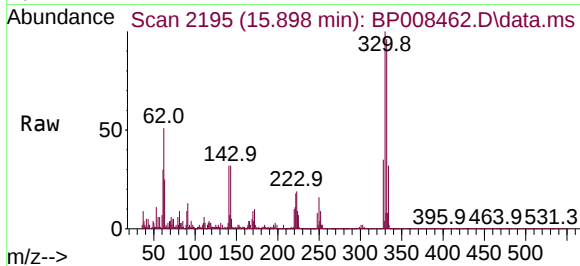




#42
2,4,6-Tribromophenol
Concen: 45.126 ng
RT: 15.898 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP008462.D
Acq: 16 Dec 2021 20:29

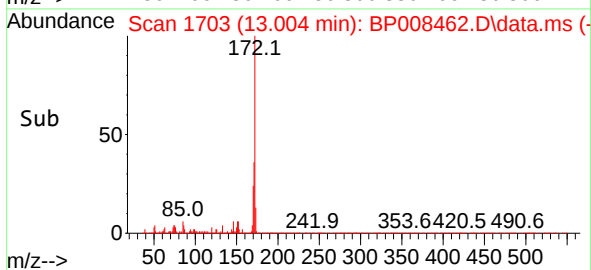
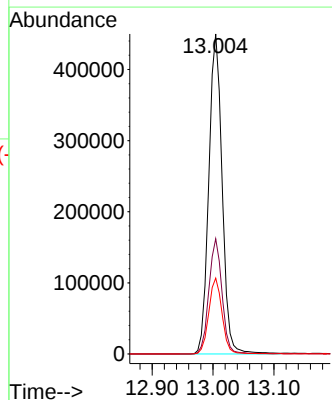
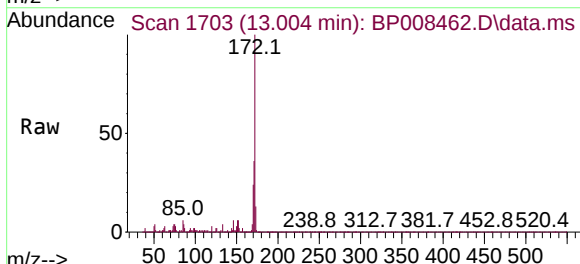
Instrument :
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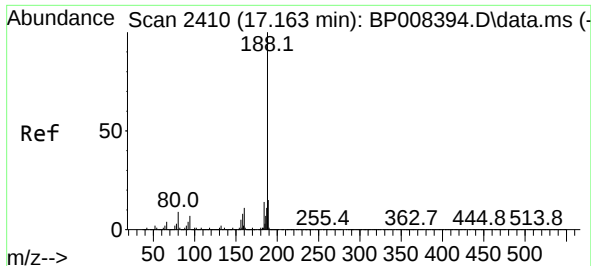
Tgt Ion:	330	Resp:	69459
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.0	115.4
141	32.3	28.4	42.6



#45
2-Fluorobiphenyl
Concen: 83.210 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BP008462.D
Acq: 16 Dec 2021 20:29

Tgt Ion:	172	Resp:	685607
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.0	42.0
170	23.7	18.9	28.3

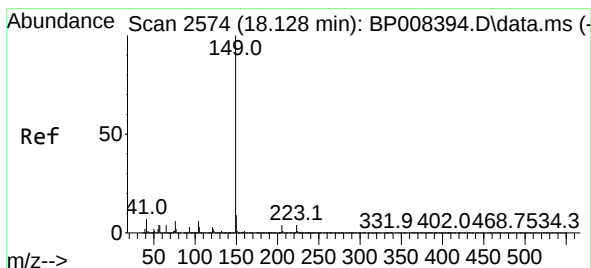
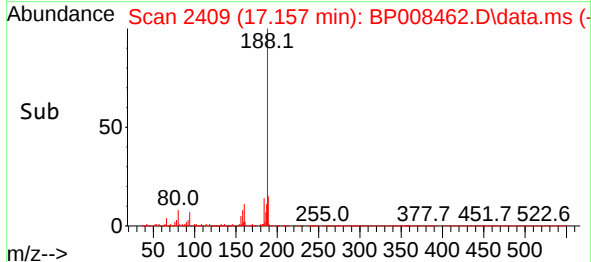
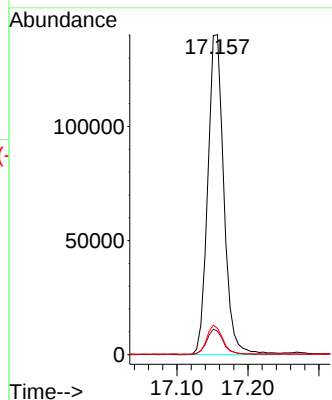
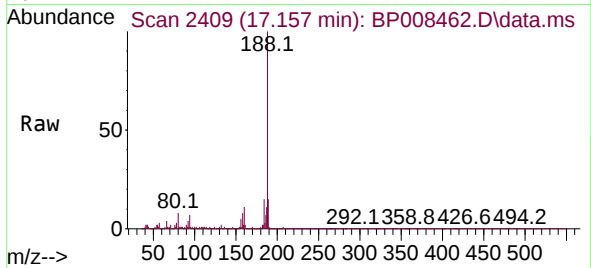




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP008462.D
Acq: 16 Dec 2021 20:29

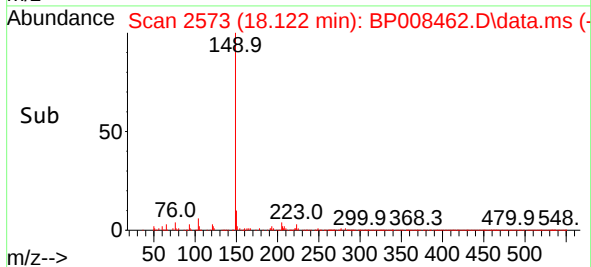
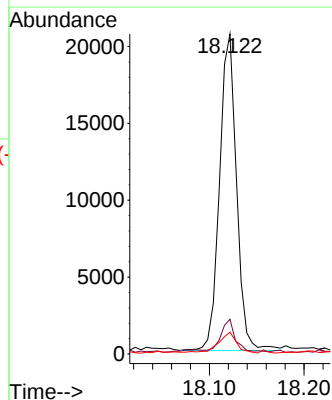
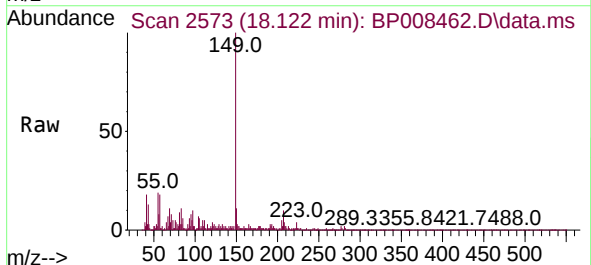
Instrument :
BNA_P
ClientSampleId :
BB7

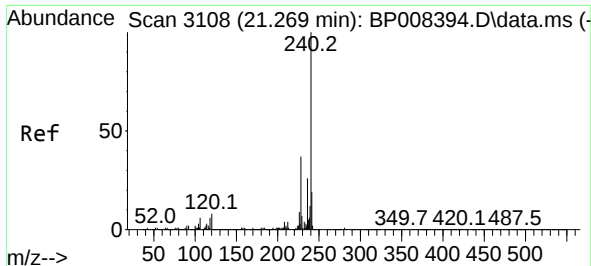
Tgt Ion:188 Resp: 221218
Ion Ratio Lower Upper
188 100
94 7.3 7.2 10.8
80 8.3 8.2 12.4



#74
Di-n-butylphthalate
Concen: 2.077 ng
RT: 18.122 min Scan# 2573
Delta R.T. -0.006 min
Lab File: BP008462.D
Acq: 16 Dec 2021 20:29

Tgt Ion:149 Resp: 25780
Ion Ratio Lower Upper
149 100
150 10.8 7.4 11.2
104 6.8 4.4 6.6#

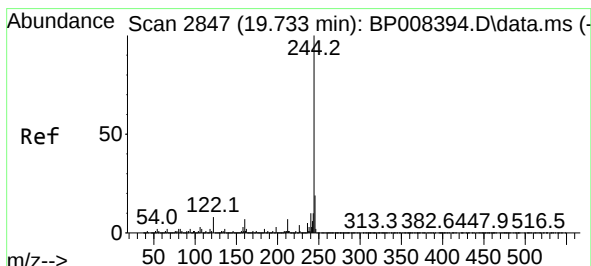
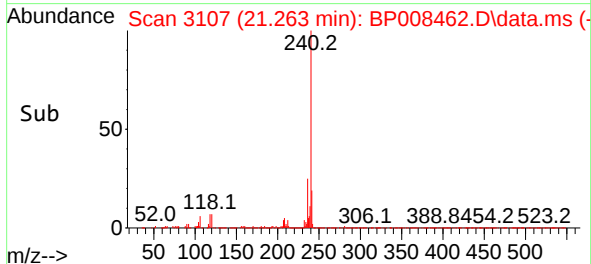
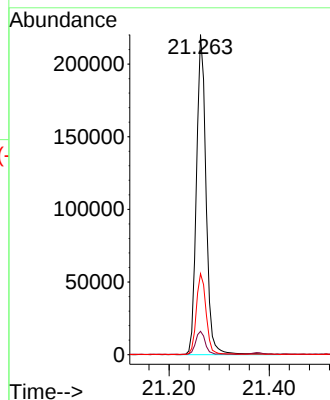
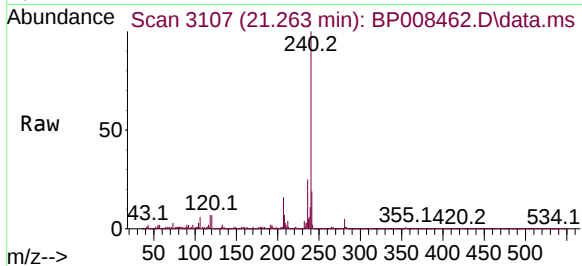




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BP008462.D
Acq: 16 Dec 2021 20:29

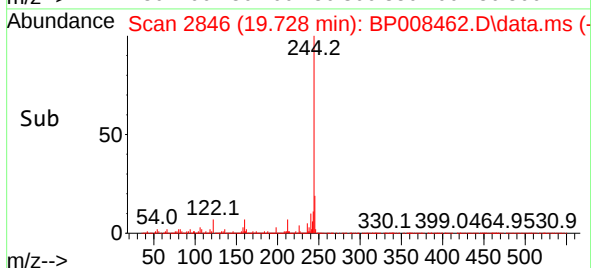
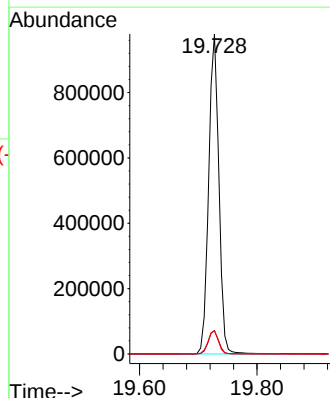
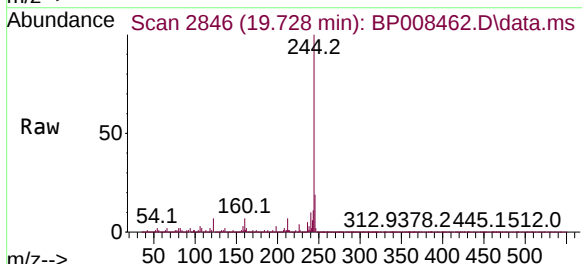
Instrument :
BNA_P
ClientSampleId :
BB7

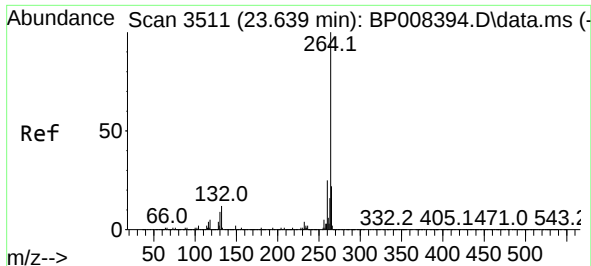
Tgt Ion:240 Resp: 292007
Ion Ratio Lower Upper
240 100
120 7.3 7.3 10.9
236 25.3 21.4 32.2



#79
Terphenyl-d14
Concen: 70.218 ng
RT: 19.728 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP008462.D
Acq: 16 Dec 2021 20:29

Tgt Ion:244 Resp: 1178130
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 7.3 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.633 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP008462.D
 Acq: 16 Dec 2021 20:29

Instrument :
 BNA_P
 ClientSampleId :
 BB7

Tgt Ion:264 Resp: 353808
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 21.8 17.6 26.4

