

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
 Data File : BP008474.D
 Acq On : 17 Dec 2021 16:45
 Operator : CG/JU
 Sample : M5096-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HT-CON-1

Quant Time: Dec 18 06:15:48 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)

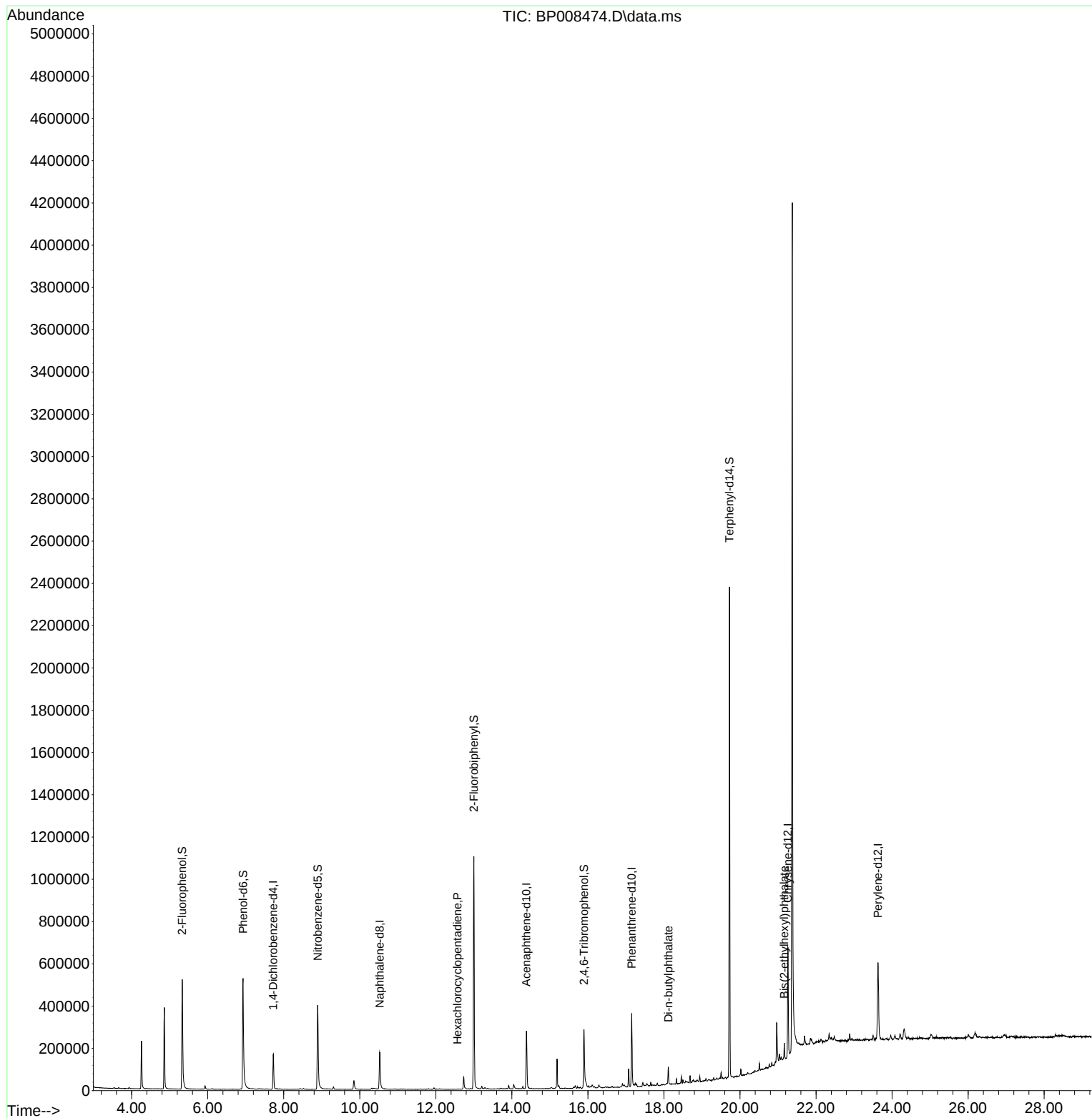
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	46225	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	159593	20.000	ng	-0.02
39) Acenaphthene-d10	14.381	164	105588	20.000	ng	-0.02
64) Phenanthrene-d10	17.151	188	231824	20.000	ng	-0.01
76) Chrysene-d12	21.257	240	280269	20.000	ng	-0.01
86) Perylene-d12	23.627	264	317607	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	237980	81.304	ng	-0.02
7) Phenol-d6	6.928	99	358172	91.110	ng	-0.01
23) Nitrobenzene-d5	8.893	82	270981	71.933	ng	-0.02
42) 2,4,6-Tribromophenol	15.898	330	70787	45.619	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	582471	70.125	ng	-0.02
79) Terphenyl-d14	19.722	244	1066138	66.204	ng	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	89	Below Cal	#	1
9) Benzaldehyde	6.863	77	56	Below Cal	#	68
41) Hexachlorocyclopentadiene	12.569	237	18	8.666	ng	78
74) Di-n-butylphthalate	18.116	149	56530	4.346	ng	99
84) Bis(2-ethylhexyl)phtha...	21.163	149	24492	2.383	ng	96

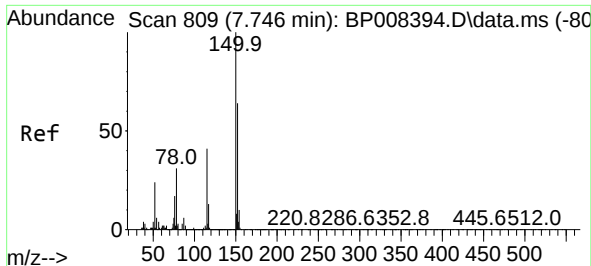
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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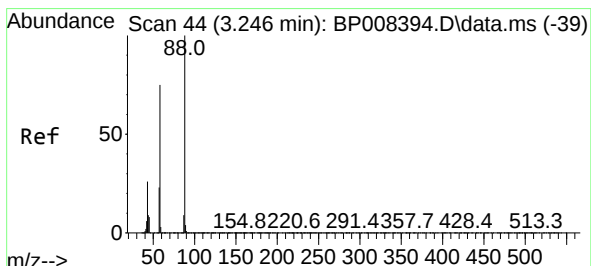
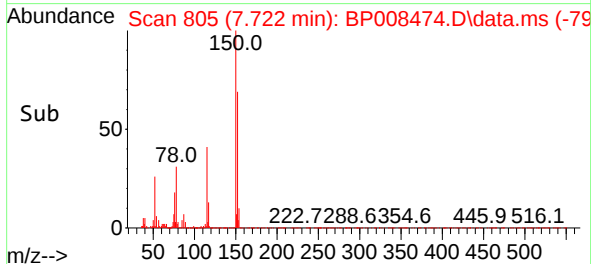
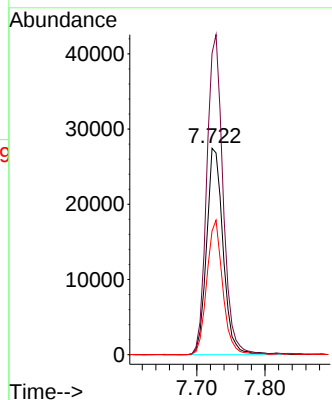
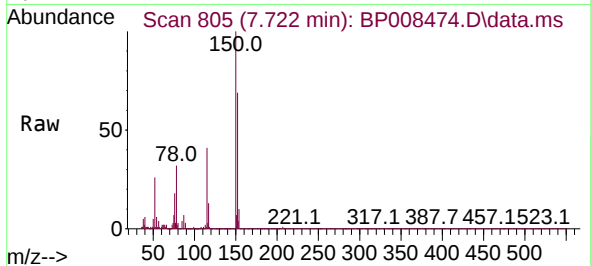




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.722 min Scan# 80
 Delta R.T. -0.024 min
 Lab File: BP008474.D
 Acq: 17 Dec 2021 16:45

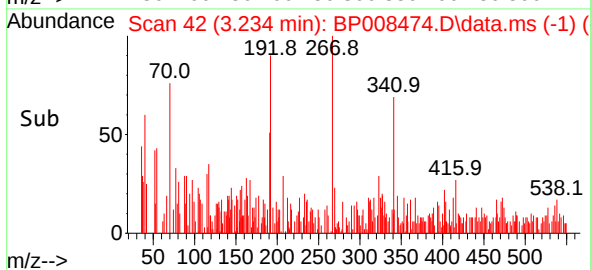
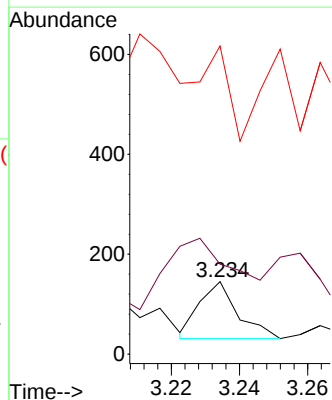
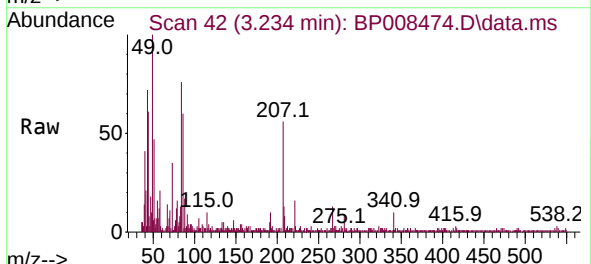
Instrument :
 BNA_P
 ClientSampleId :
 HT-CON-1

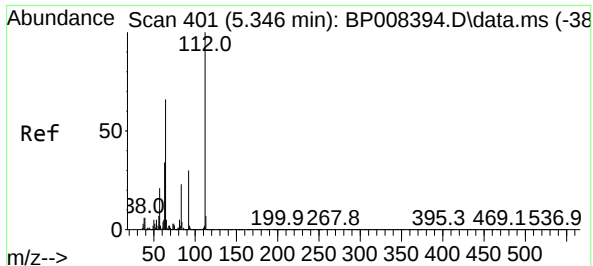
Tgt Ion:152 Resp: 46225
 Ion Ratio Lower Upper
 152 100
 150 145.9 125.7 188.5
 115 60.0 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.234 min Scan# 42
 Delta R.T. -0.012 min
 Lab File: BP008474.D
 Acq: 17 Dec 2021 16:45

Tgt Ion: 88 Resp: 89
 Ion Ratio Lower Upper
 88 100
 58 225.8 63.5 95.3#
 43 0.0 23.4 35.2#

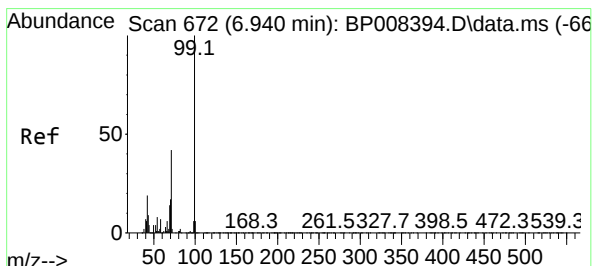
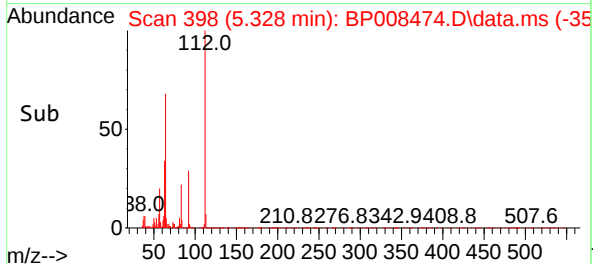
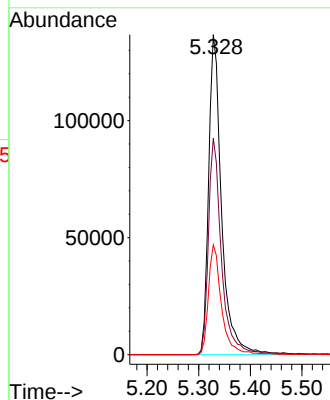
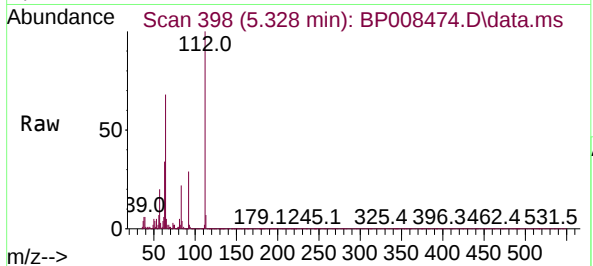




#5
2-Fluorophenol
Concen: 81.304 ng
RT: 5.328 min Scan# 398
Delta R.T. -0.018 min
Lab File: BP008474.D
Acq: 17 Dec 2021 16:45

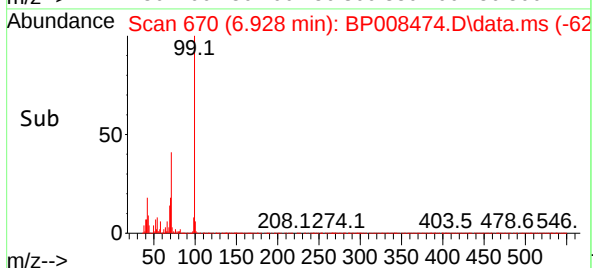
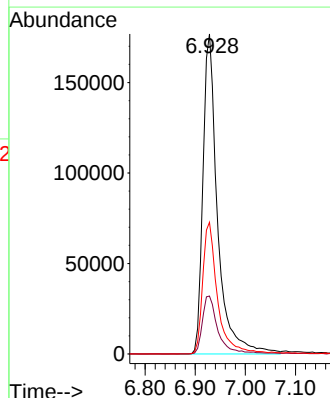
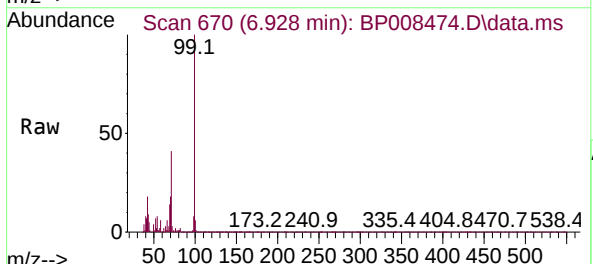
Instrument :
BNA_P
ClientSampleId :
HT-CON-1

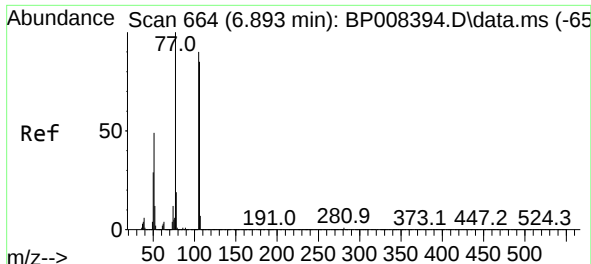
Tgt Ion:112 Resp: 237980
Ion Ratio Lower Upper
112 100
64 67.7 53.4 80.2
63 34.3 27.8 41.8



#7
Phenol-d6
Concen: 91.110 ng
RT: 6.928 min Scan# 670
Delta R.T. -0.012 min
Lab File: BP008474.D
Acq: 17 Dec 2021 16:45

Tgt Ion: 99 Resp: 358172
Ion Ratio Lower Upper
99 100
42 18.1 14.6 22.0
71 41.2 31.1 46.7

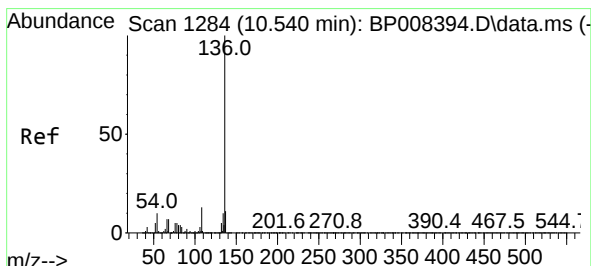
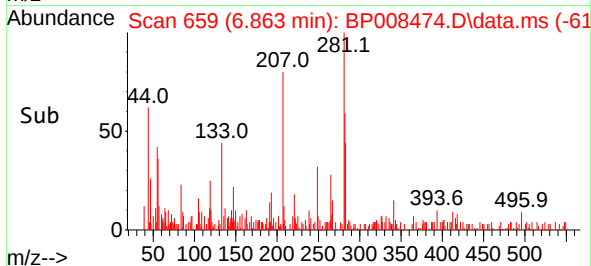
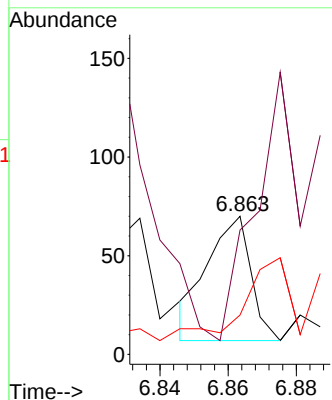
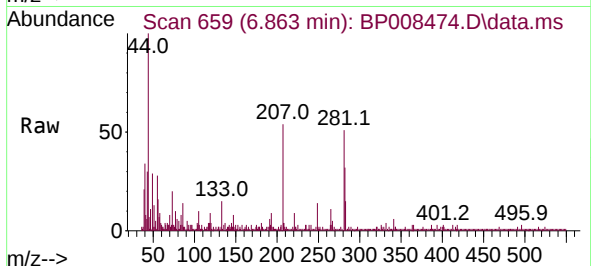




#9
Benzaldehyde
Concen: Below Cal
RT: 6.863 min Scan# 61
Delta R.T. -0.030 min
Lab File: BP008474.D
Acq: 17 Dec 2021 16:45

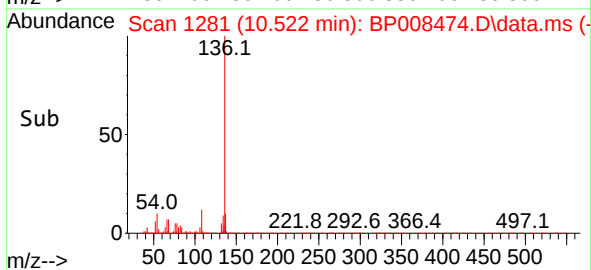
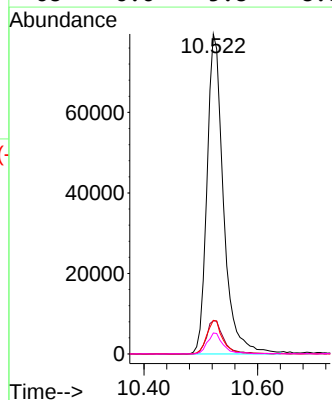
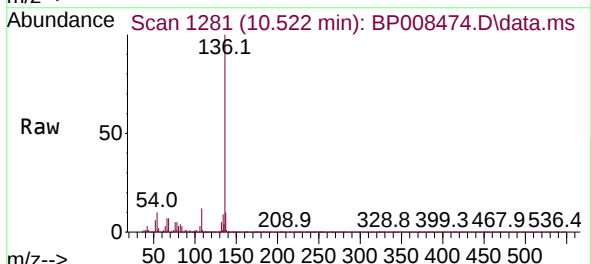
Instrument :
BNA_P
ClientSampleId :
HT-CON-1

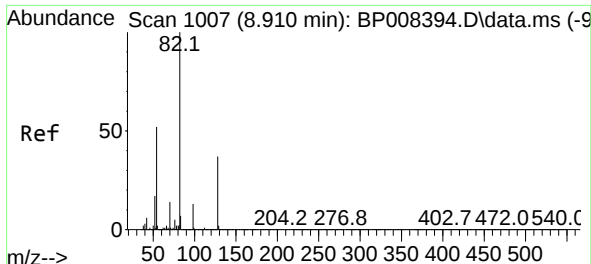
Tgt Ion: 77 Resp: 56
Ion Ratio Lower Upper
77 100
105 90.0 71.8 111.8
106 28.6 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BP008474.D
Acq: 17 Dec 2021 16:45

Tgt Ion:136 Resp: 159593
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.6
54 10.5 8.2 12.4
68 6.6 5.8 8.8





#23

Nitrobenzene-d5

Concen: 71.933 ng

RT: 8.893 min Scan# 1004

Delta R.T. -0.018 min

Lab File: BP008474.D

Acq: 17 Dec 2021 16:45

Instrument :

BNA_P

ClientSampleId :

HT-CON-1

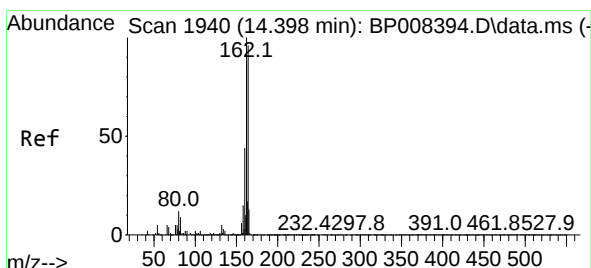
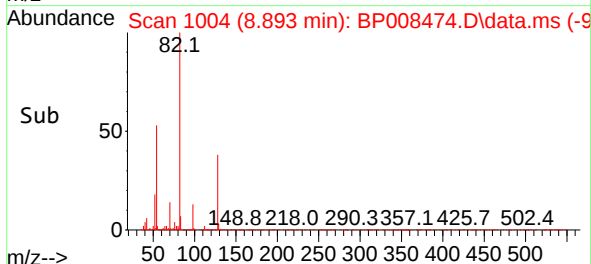
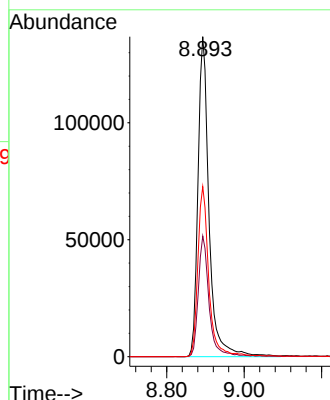
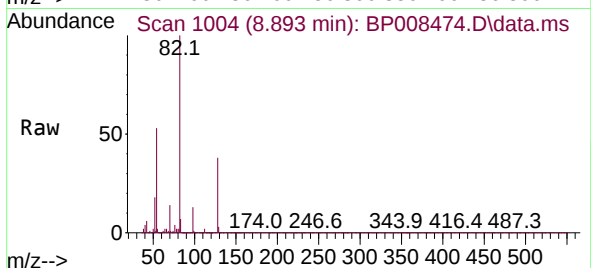
Tgt Ion: 82 Resp: 270981

Ion Ratio Lower Upper

82 100

128 37.7 29.6 44.4

54 53.1 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.381 min Scan# 1937

Delta R.T. -0.017 min

Lab File: BP008474.D

Acq: 17 Dec 2021 16:45

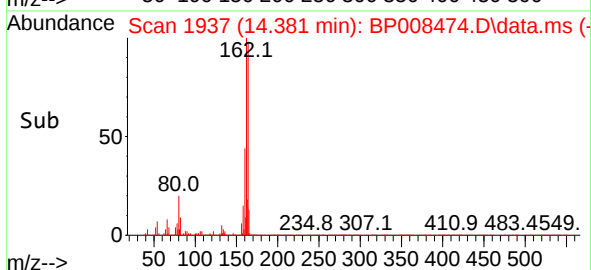
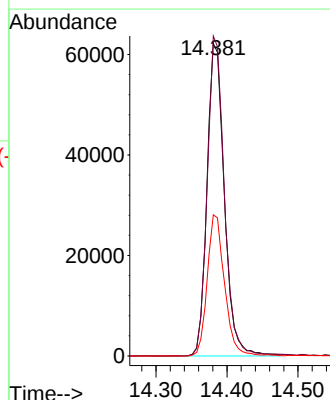
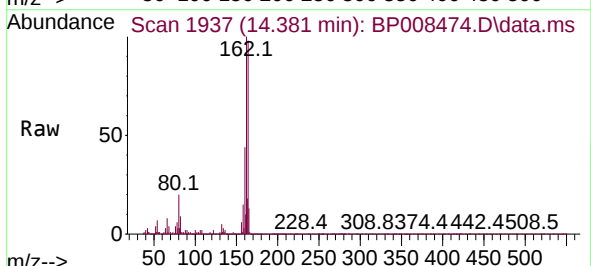
Tgt Ion:164 Resp: 105588

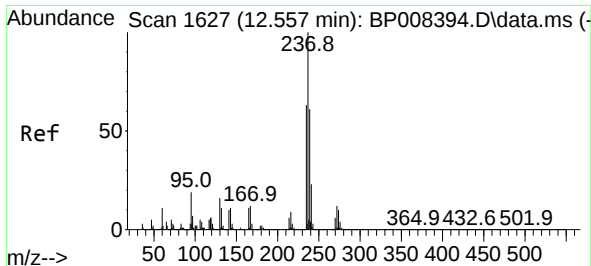
Ion Ratio Lower Upper

164 100

162 102.5 81.9 122.9

160 45.2 35.4 53.0

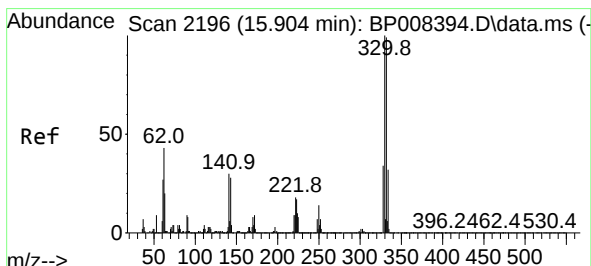
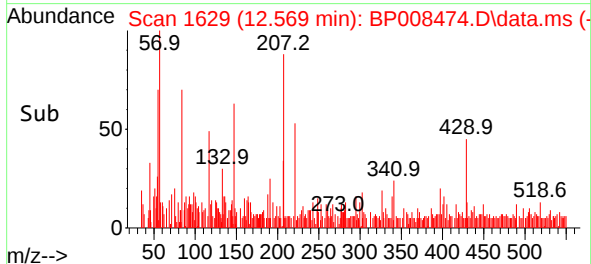
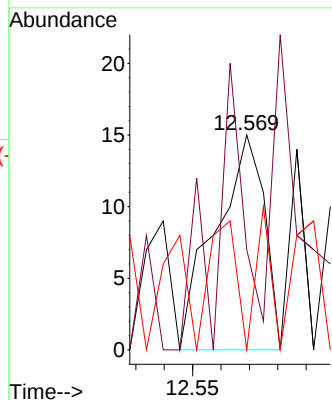
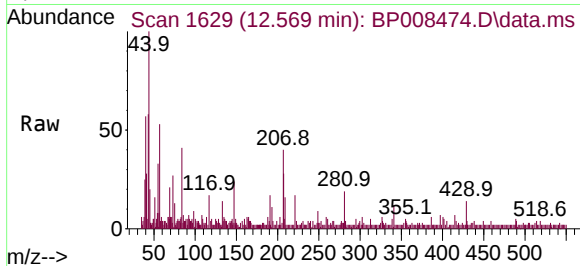




#41
Hexachlorocyclopentadiene
Concen: 8.666 ng
RT: 12.569 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP008474.D
Acq: 17 Dec 2021 16:45

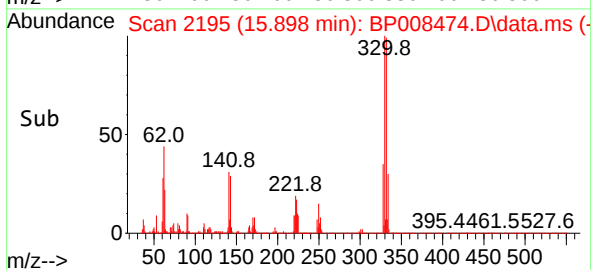
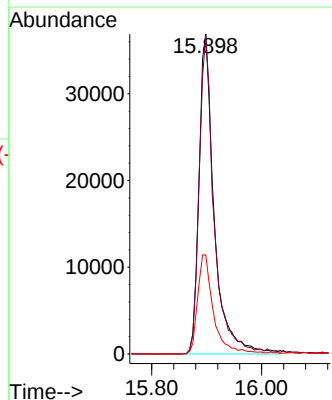
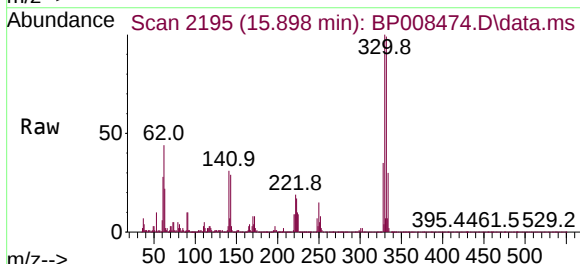
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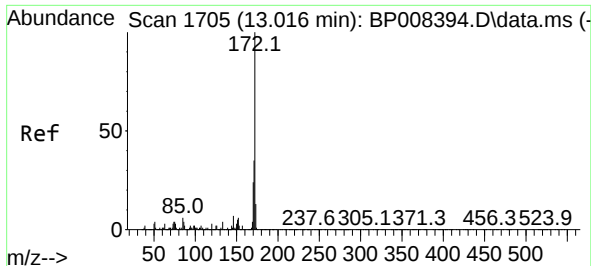
Tgt Ion:	237	Resp:	18
Ion	Ratio	Lower	Upper
237	100		
235	46.7	42.3	82.3
272	0.0	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 45.619 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BP008474.D
Acq: 17 Dec 2021 16:45

Tgt Ion:	330	Resp:	70787
Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.4
141	32.5	28.4	42.6

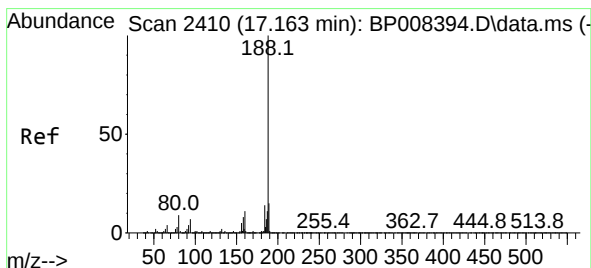
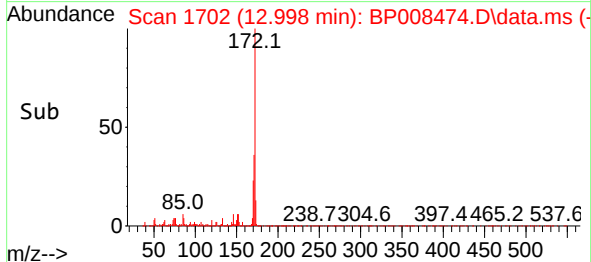
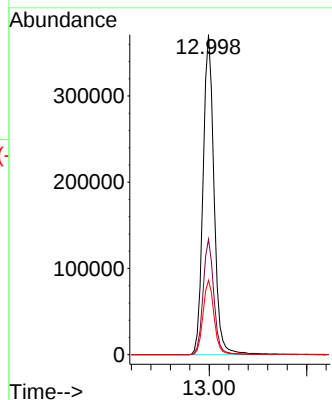
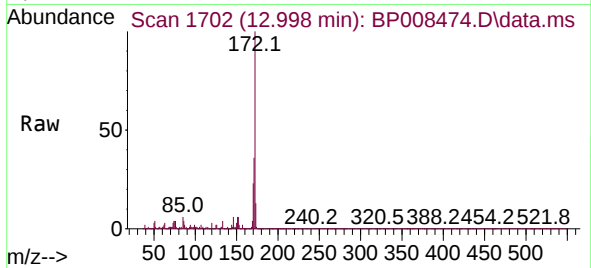




#45
2-Fluorobiphenyl
Concen: 70.125 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP008474.D
Acq: 17 Dec 2021 16:45

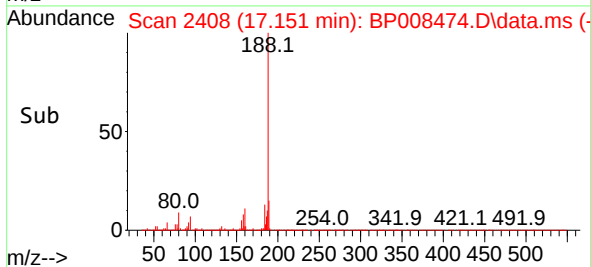
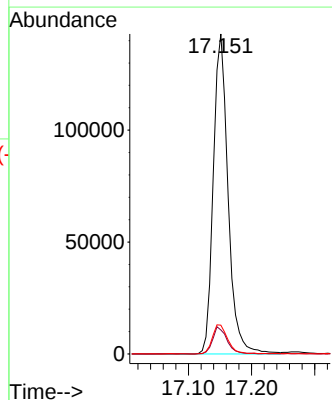
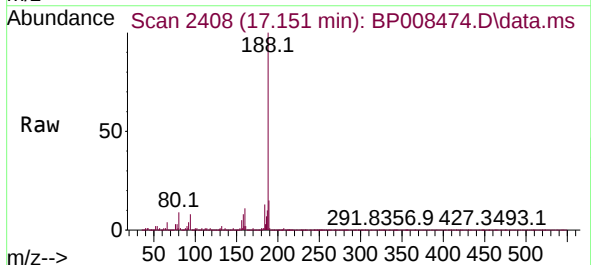
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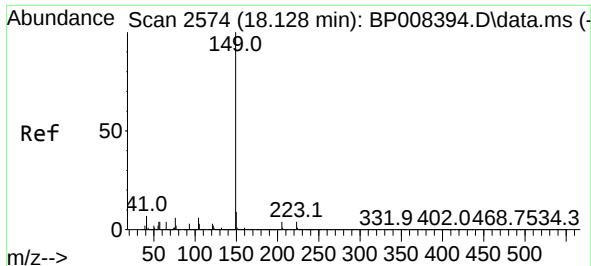
Tgt Ion:172 Resp: 582471
Ion Ratio Lower Upper
172 100
171 36.1 28.0 42.0
170 23.3 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.012 min
Lab File: BP008474.D
Acq: 17 Dec 2021 16:45

Tgt Ion:188 Resp: 231824
Ion Ratio Lower Upper
188 100
94 7.5 7.2 10.8
80 9.0 8.2 12.4

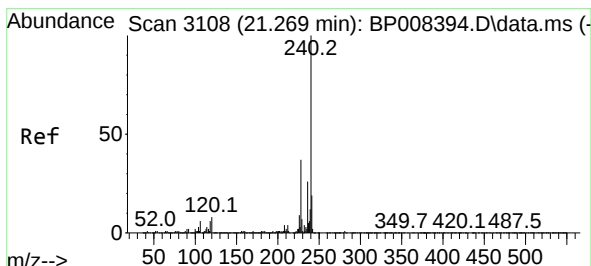
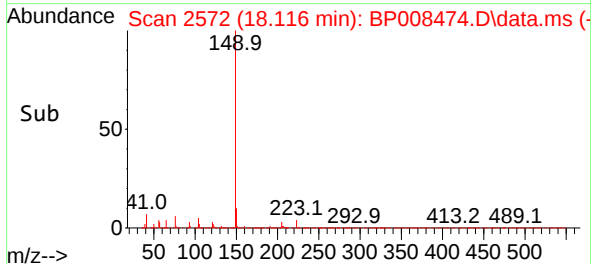
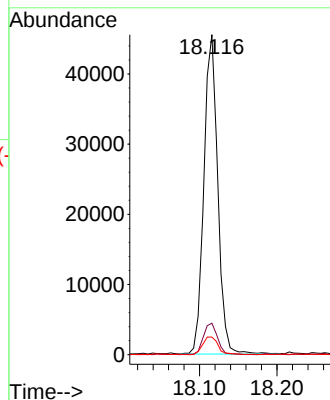
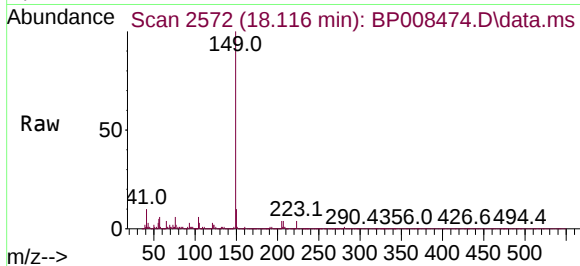




#74
Di-n-butylphthalate
Concen: 4.346 ng
RT: 18.116 min Scan# 2572
Delta R.T. -0.012 min
Lab File: BP008474.D
Acq: 17 Dec 2021 16:45

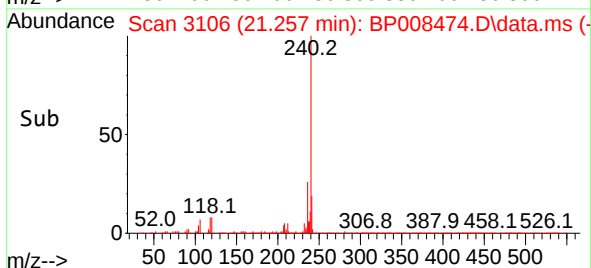
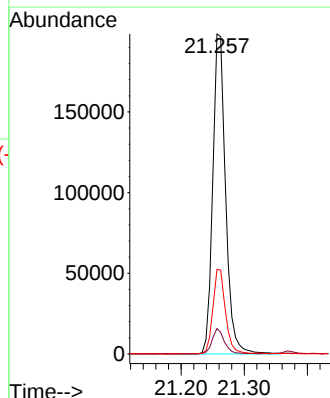
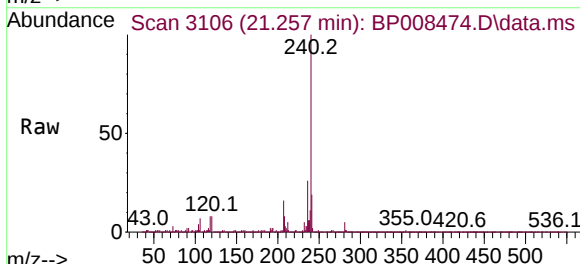
Instrument :
BNA_P
ClientSampleId :
HT-CON-1

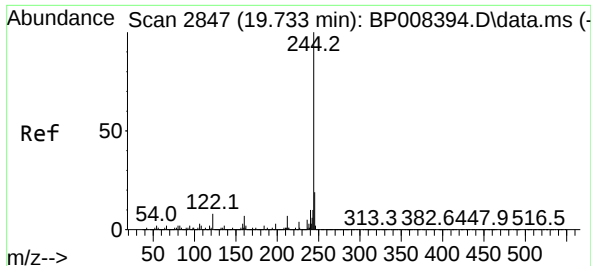
Tgt Ion:149	Resp:	56530
Ion Ratio	Lower	Upper
149	100	
150	9.8	7.4 11.2
104	5.5	4.4 6.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.257 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BP008474.D
Acq: 17 Dec 2021 16:45

Tgt Ion:240	Resp:	280269
Ion Ratio	Lower	Upper
240	100	
120	8.0	7.3 10.9
236	26.5	21.4 32.2

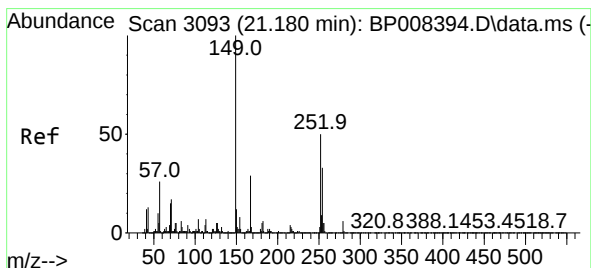
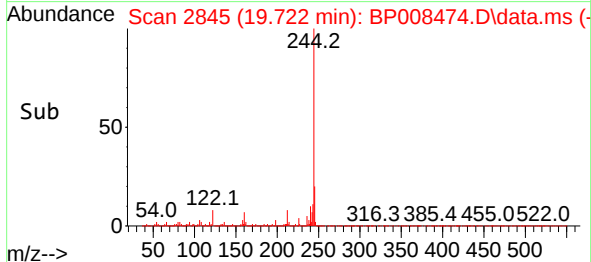
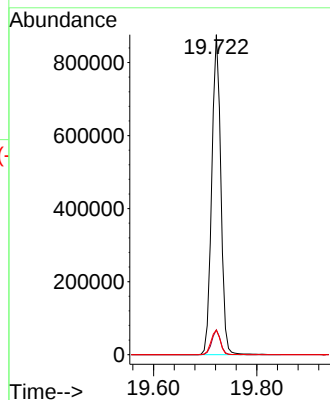
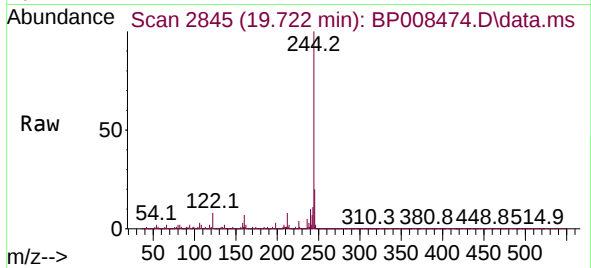




#79
 Terphenyl-d14
 Concen: 66.204 ng
 RT: 19.722 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008474.D
 Acq: 17 Dec 2021 16:45

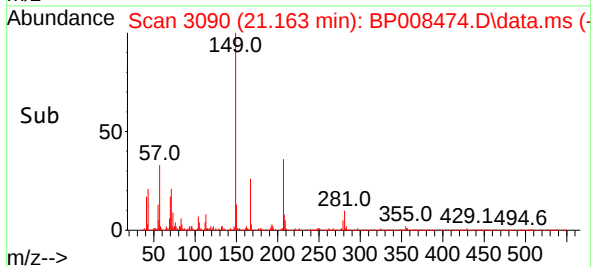
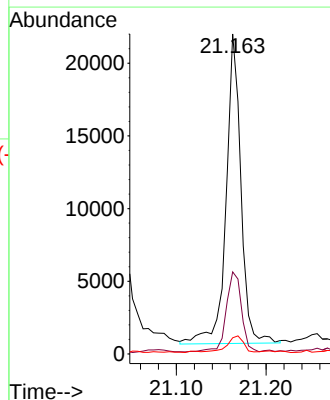
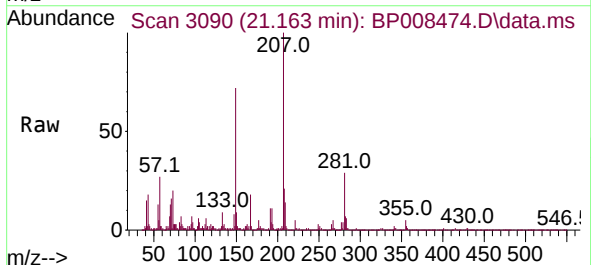
Instrument :
 BNA_P
 ClientSampleId :
 HT-CON-1

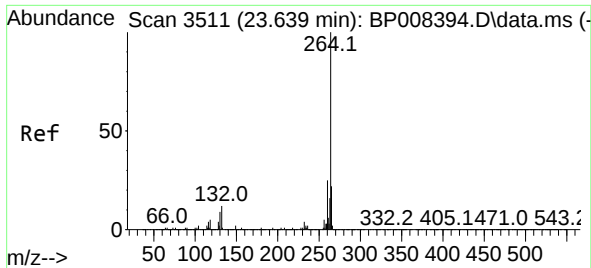
Tgt Ion:244 Resp: 1066138
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 7.7 6.6 9.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.383 ng
 RT: 21.163 min Scan# 3090
 Delta R.T. -0.018 min
 Lab File: BP008474.D
 Acq: 17 Dec 2021 16:45

Tgt Ion:149 Resp: 24492
 Ion Ratio Lower Upper
 149 100
 167 25.6 22.5 33.7
 279 5.1 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.627 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP008474.D
 Acq: 17 Dec 2021 16:45

Instrument :
 BNA_P
 ClientSampleId :
 HT-CON-1

Tgt Ion:264 Resp: 317607
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 22.4 17.6 26.4

