

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111821\
 Data File : BP008030.D
 Acq On : 18 Nov 2021 22:59
 Operator : CG/JU
 Sample : M4724-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SUB-FLOOR-STUCCO

Quant Time: Nov 19 02:25:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 05:36:49 2021
 Response via : Initial Calibration

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

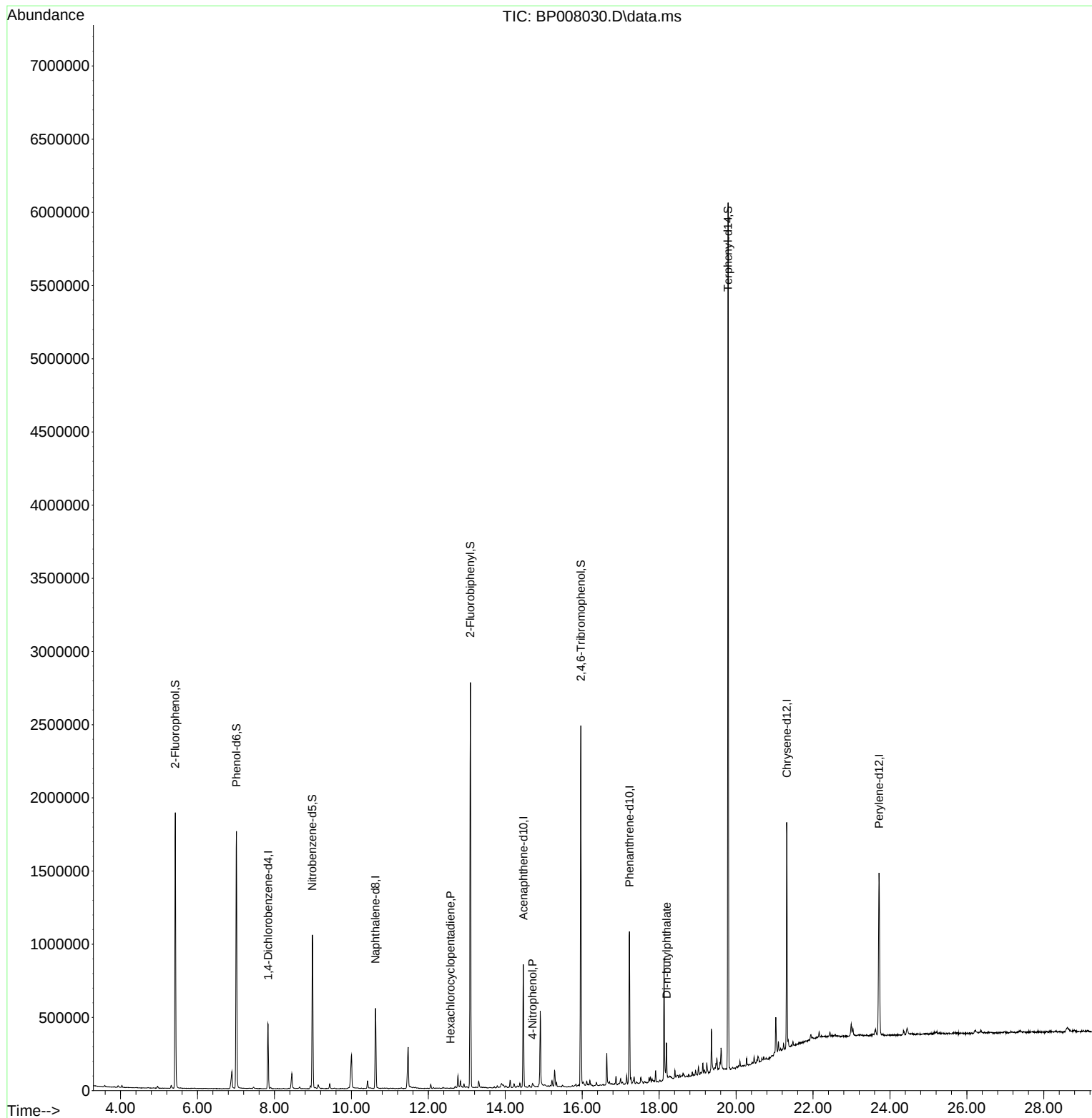
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	124029	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	445488	20.000	ng	-0.01
39) Acenaphthene-d10	14.469	164	278415	20.000	ng	-0.01
64) Phenanthrene-d10	17.228	188	627324	20.000	ng	#-0.01
76) Chrysene-d12	21.316	240	768938	20.000	ng	-0.02
86) Perylene-d12	23.716	264	865602	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	809434	105.869	ng	0.00
7) Phenol-d6	7.011	99	984226	96.765	ng	-0.01
23) Nitrobenzene-d5	8.987	82	600384	72.120	ng	-0.02
42) 2,4,6-Tribromophenol	15.963	330	488317	111.475	ng	-0.01
45) 2-Fluorobiphenyl	13.093	172	1379006	69.477	ng	-0.01
79) Terphenyl-d14	19.792	244	2675757	70.560	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.952	77	189	Below Cal	#	34
16) 2,2'-oxybis(1-Chloropr...	8.452	45	8656	Below Cal		78
41) Hexachlorocyclopentadiene	12.575	237	12	3.072	ng	83
56) 4-Nitrophenol	14.710	139	10570	2.780	ng	91
74) Di-n-butylphthalate	18.192	149	161306	4.418	ng	100

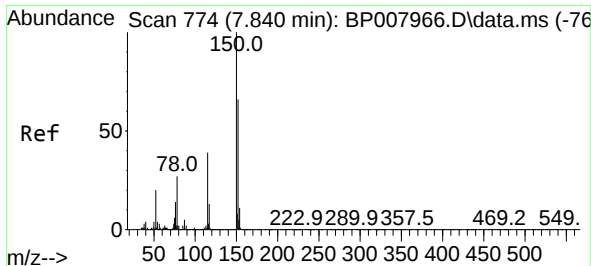
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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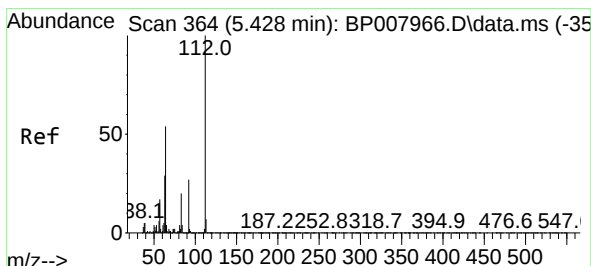
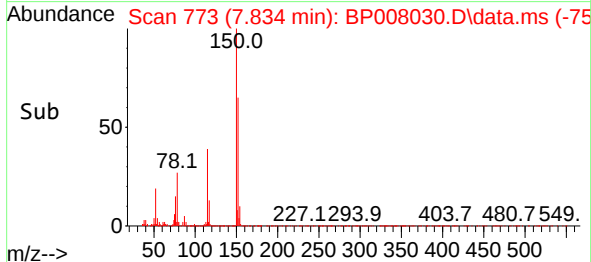
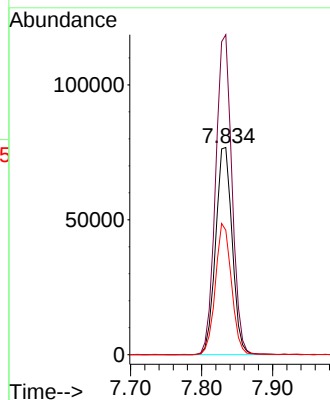
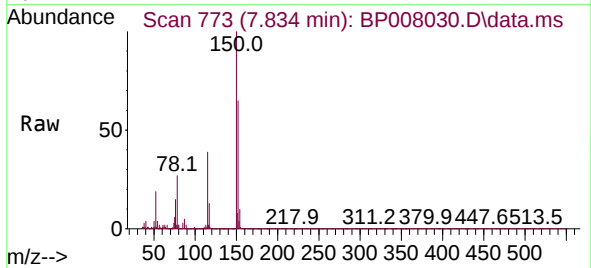




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP008030.D
Acq: 18 Nov 2021 22:59

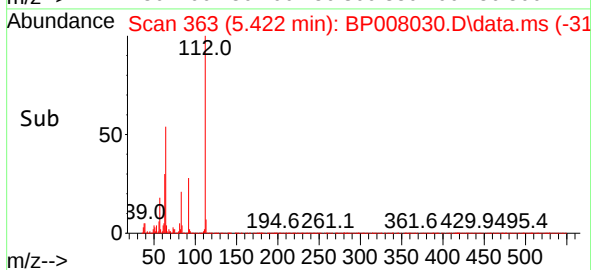
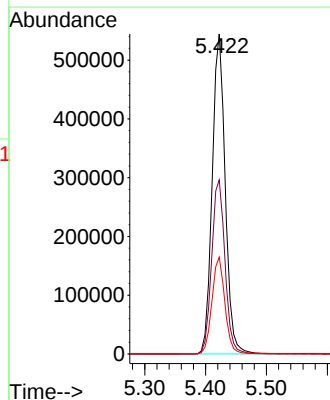
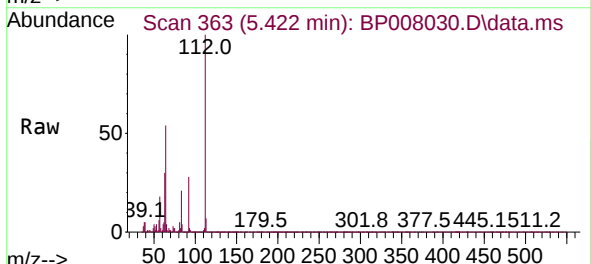
Instrument :
BNA_P
ClientSampleId :
SUB-FLOOR-STUCCO

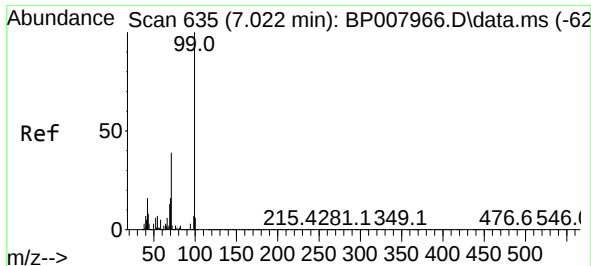
Tgt Ion:152 Resp: 124029
Ion Ratio Lower Upper
152 100
150 154.5 124.1 186.1
115 60.1 48.1 72.1



#5
2-Fluorophenol
Concen: 105.869 ng
RT: 5.422 min Scan# 363
Delta R.T. -0.006 min
Lab File: BP008030.D
Acq: 18 Nov 2021 22:59

Tgt Ion:112 Resp: 809434
Ion Ratio Lower Upper
112 100
64 54.4 46.6 70.0
63 30.3 25.0 37.6

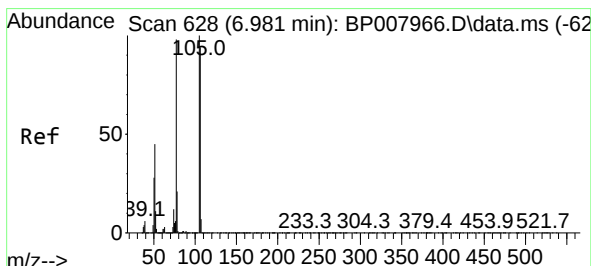
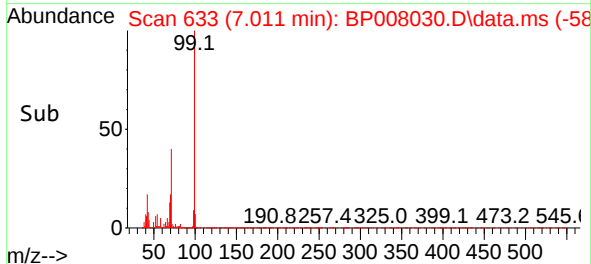
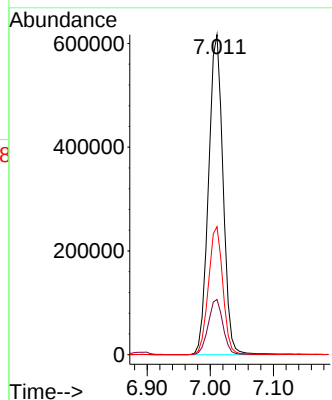
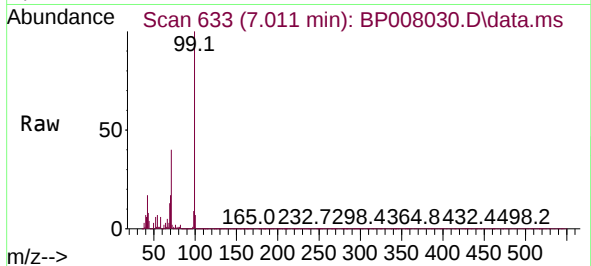




#7
Phenol-d6
Concen: 96.765 ng
RT: 7.011 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP008030.D
Acq: 18 Nov 2021 22:59

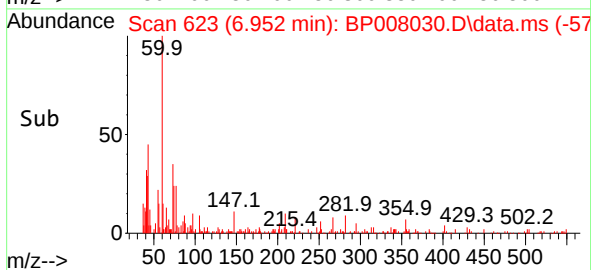
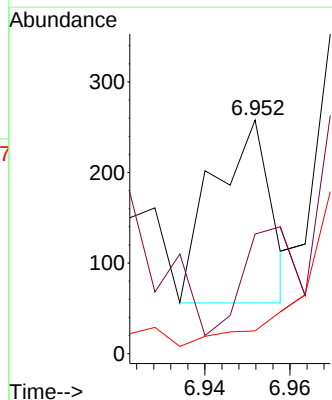
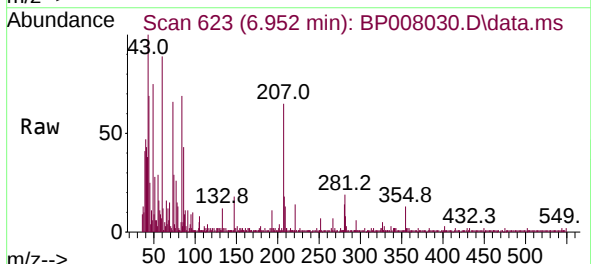
Instrument :
BNA_P
ClientSampleId :
SUB-FLOOR-STUCCO

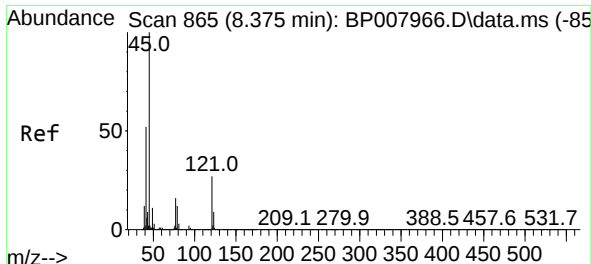
Tgt Ion: 99 Resp: 984226
Ion Ratio Lower Upper
99 100
42 17.3 14.9 22.3
71 40.0 29.2 43.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.952 min Scan# 623
Delta R.T. -0.029 min
Lab File: BP008030.D
Acq: 18 Nov 2021 22:59

Tgt Ion: 77 Resp: 189
Ion Ratio Lower Upper
77 100
105 51.2 77.5 117.5#
106 9.7 72.1 112.1#

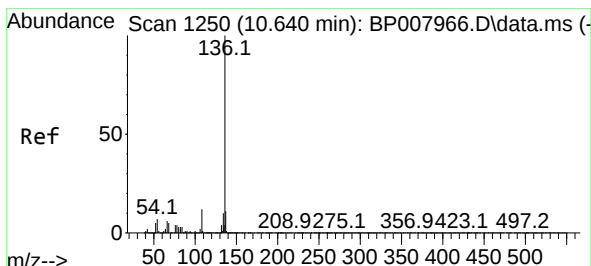
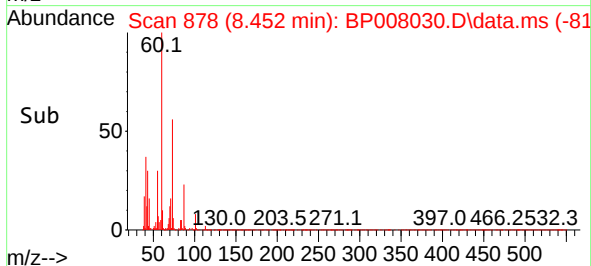
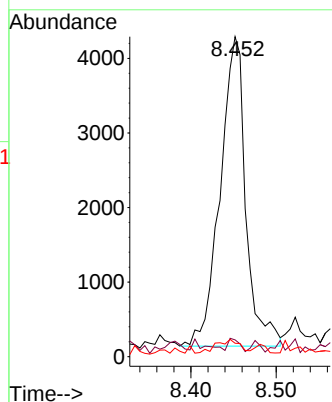
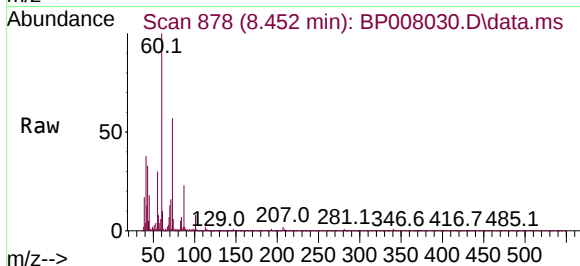




#16
2,2'-oxybis(1-Chloropropane)
Concen: Below Cal
RT: 8.452 min Scan# 81
Delta R.T. 0.077 min
Lab File: BP008030.D
Acq: 18 Nov 2021 22:59

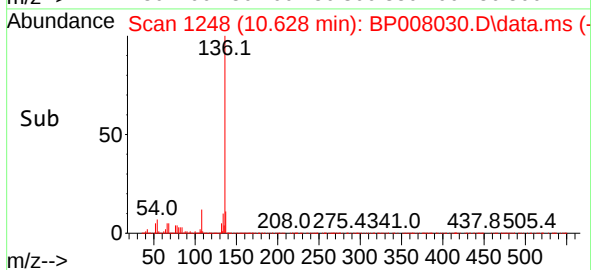
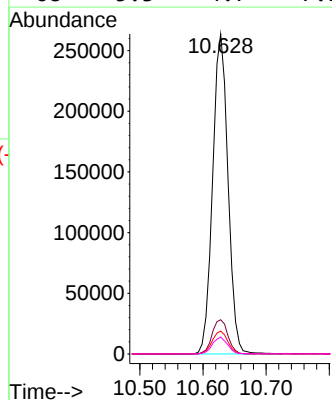
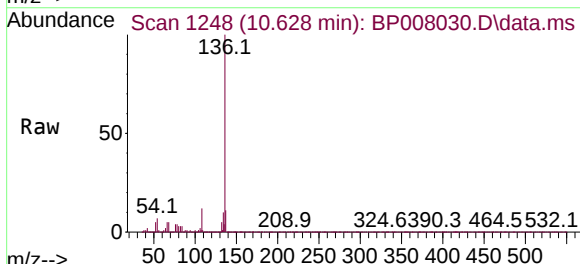
Instrument :
BNA_P
ClientSampleId :
SUB-FLOOR-STUCCO

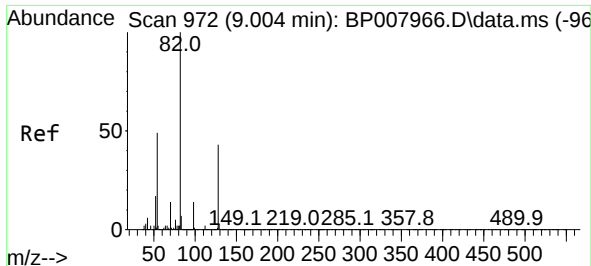
Tgt Ion:	45	Resp:	8656
Ion	Ratio	Lower	Upper
45	100		
77	5.2	0.0	34.9
79	4.2	0.0	31.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1248
Delta R.T. -0.012 min
Lab File: BP008030.D
Acq: 18 Nov 2021 22:59

Tgt Ion:	136	Resp:	445488
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.1	6.2	9.4
68	5.3	4.7	7.1

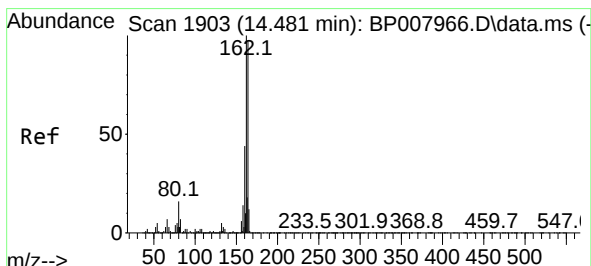
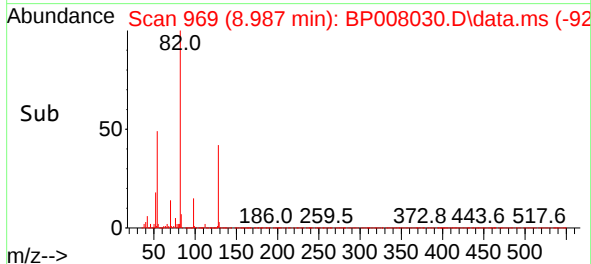
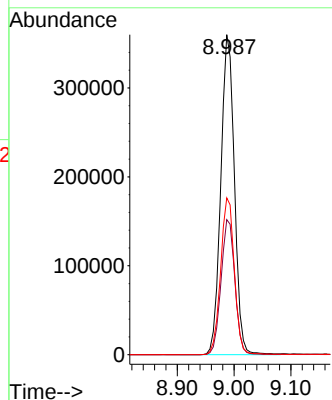
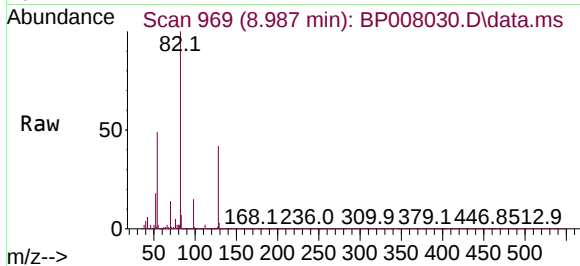




#23
Nitrobenzene-d5
Concen: 72.120 ng
RT: 8.987 min Scan# 901
Delta R.T. -0.017 min
Lab File: BP008030.D
Acq: 18 Nov 2021 22:59

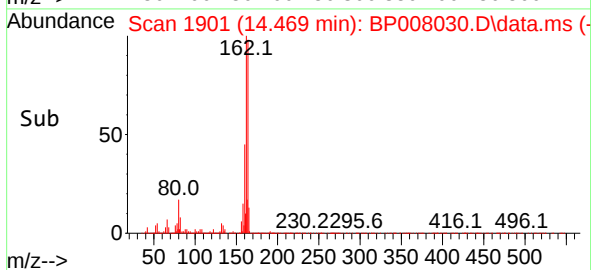
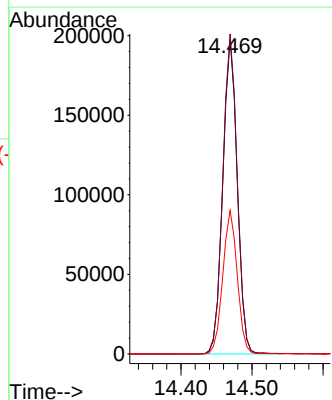
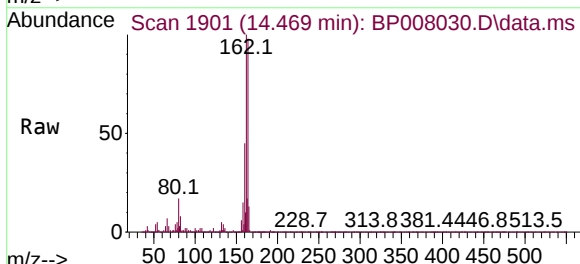
Instrument :
BNA_P
ClientSampleId :
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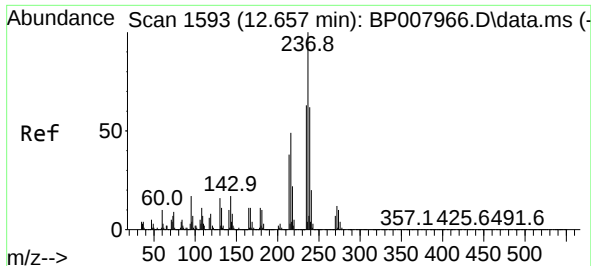
Tgt Ion: 82 Resp: 600384
Ion Ratio Lower Upper
82 100
128 42.2 32.6 48.8
54 49.0 40.4 60.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1901
Delta R.T. -0.012 min
Lab File: BP008030.D
Acq: 18 Nov 2021 22:59

Tgt Ion:164 Resp: 278415
Ion Ratio Lower Upper
164 100
162 101.7 81.1 121.7
160 45.7 36.0 54.0

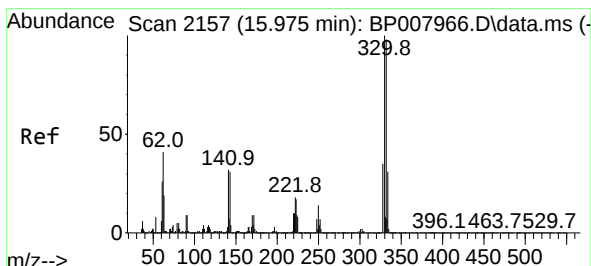
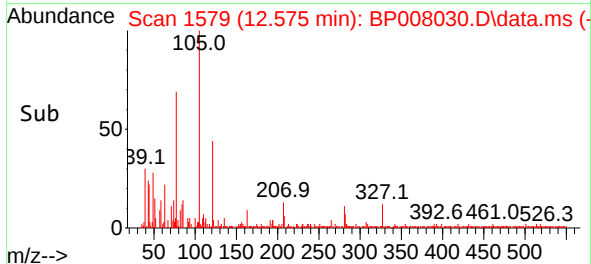
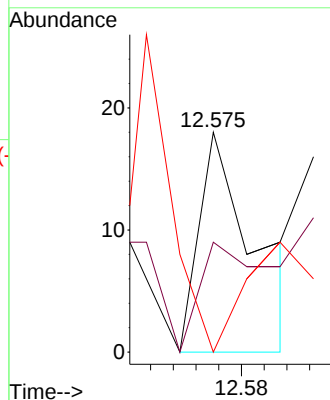
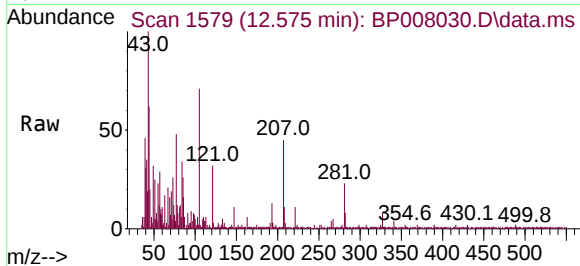




#41
Hexachlorocyclopentadiene
Concen: 3.072 ng
RT: 12.575 min Scan# 11
Delta R.T. -0.082 min
Lab File: BP008030.D
Acq: 18 Nov 2021 22:59

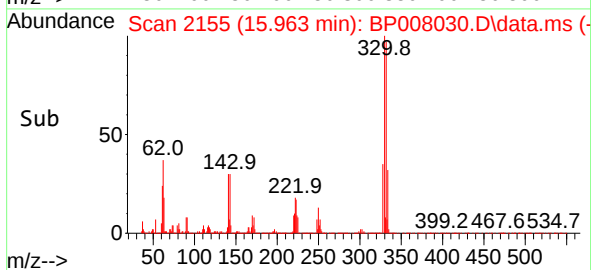
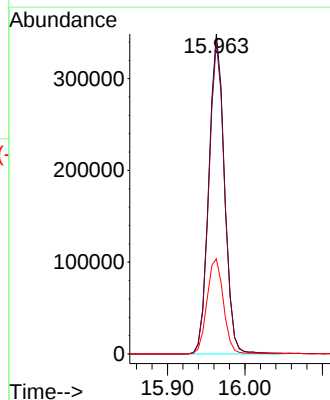
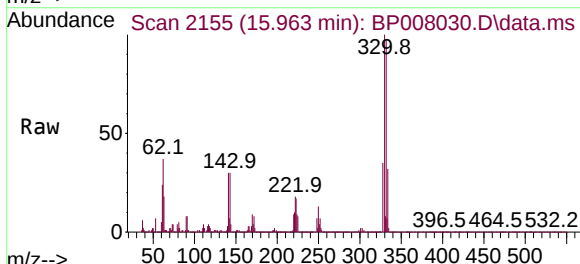
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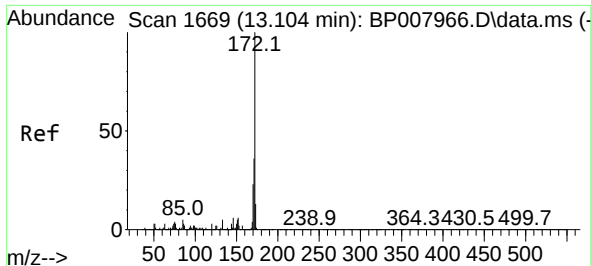
Tgt Ion:	237	Resp:	12
Ion Ratio	Lower	Upper	
237	100		
235	50.0	41.2	81.2
272	0.0	0.0	31.9



#42
2,4,6-Tribromophenol
Concen: 111.475 ng
RT: 15.963 min Scan# 2155
Delta R.T. -0.012 min
Lab File: BP008030.D
Acq: 18 Nov 2021 22:59

Tgt Ion:	330	Resp:	488317
Ion Ratio	Lower	Upper	
330	100		
332	97.8	78.9	118.3
141	31.2	30.7	46.1

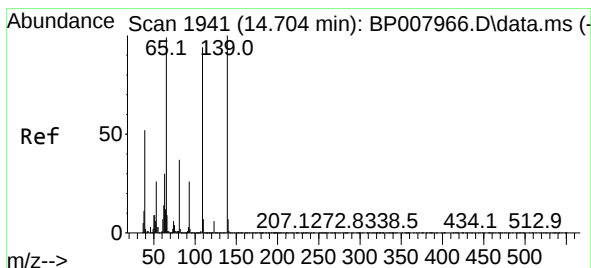
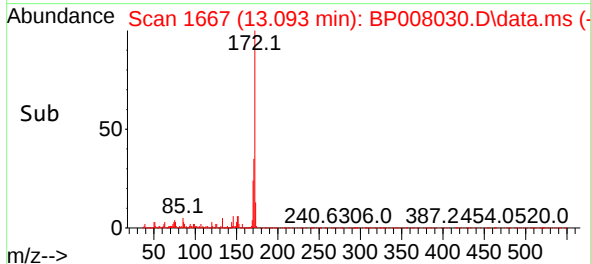
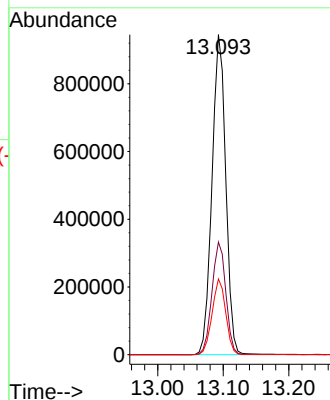
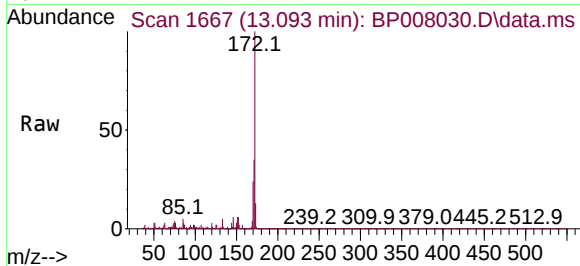




#45
2-Fluorobiphenyl
Concen: 69.477 ng
RT: 13.093 min Scan# 1667
Delta R.T. -0.011 min
Lab File: BP008030.D
Acq: 18 Nov 2021 22:59

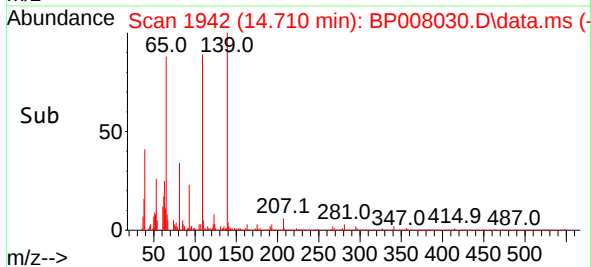
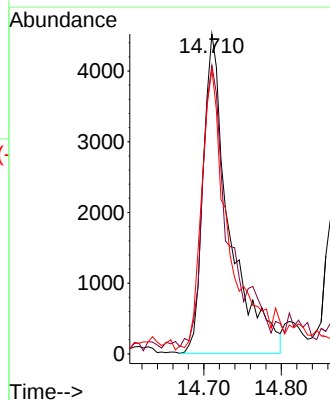
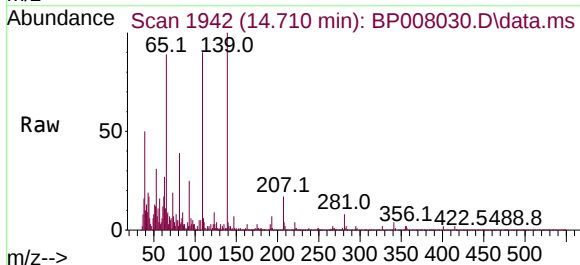
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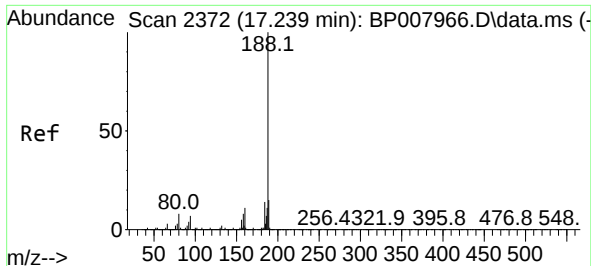
Tgt Ion:172 Resp: 1379006
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.6 19.0 28.4



#56
4-Nitrophenol
Concen: 2.780 ng
RT: 14.710 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BP008030.D
Acq: 18 Nov 2021 22:59

Tgt Ion:139 Resp: 10570
Ion Ratio Lower Upper
139 100
109 90.2 60.9 100.9
65 88.9 76.5 116.5

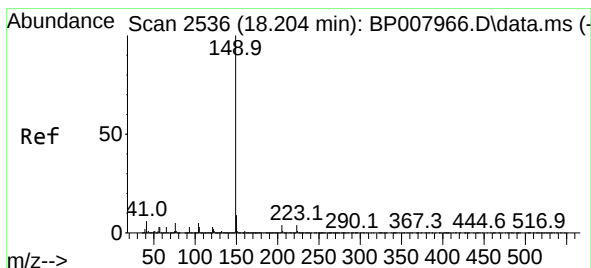
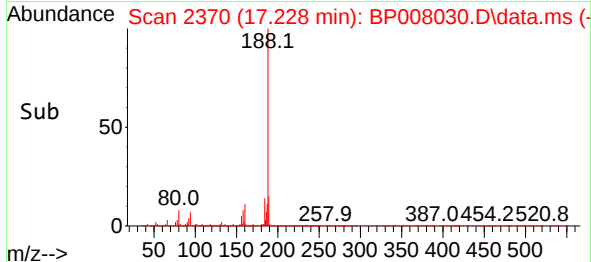
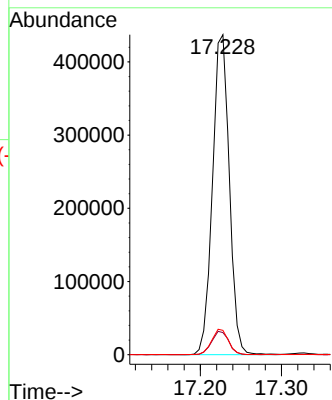
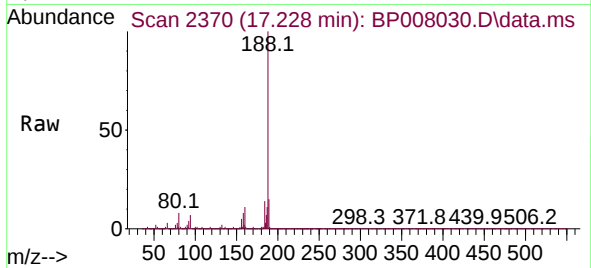




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008030.D
Acq: 18 Nov 2021 22:59

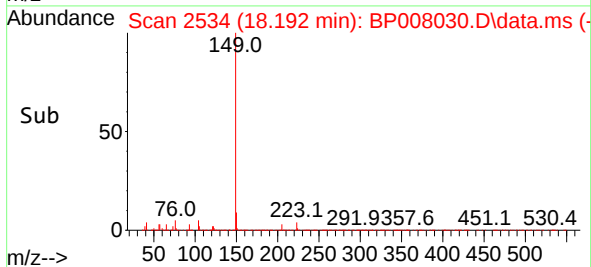
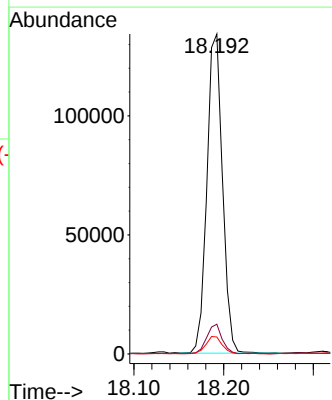
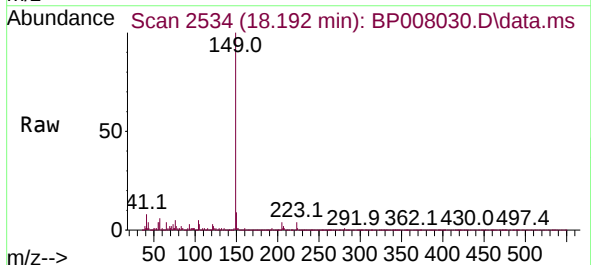
Instrument :
BNA_P
ClientSampleId :
SUB-FLOOR-STUCCO

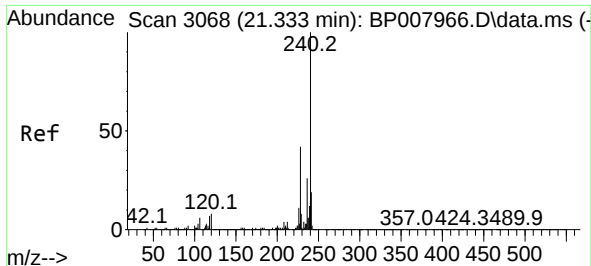
Tgt Ion:188 Resp: 627324
Ion Ratio Lower Upper
188 100
94 6.9 7.1 10.7#
80 7.6 7.8 11.6#



#74
Di-n-butylphthalate
Concen: 4.418 ng
RT: 18.192 min Scan# 2534
Delta R.T. -0.012 min
Lab File: BP008030.D
Acq: 18 Nov 2021 22:59

Tgt Ion:149 Resp: 161306
Ion Ratio Lower Upper
149 100
150 9.3 7.6 11.4
104 5.3 4.2 6.4

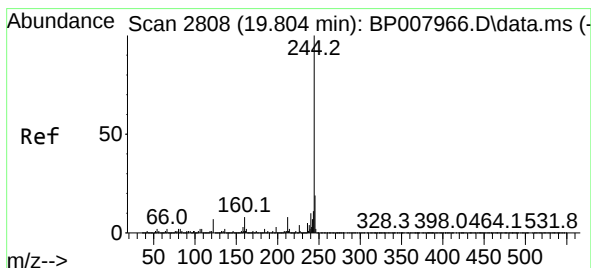
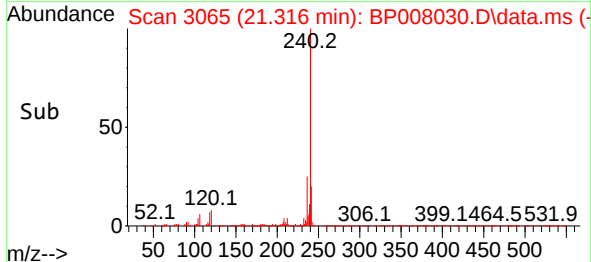
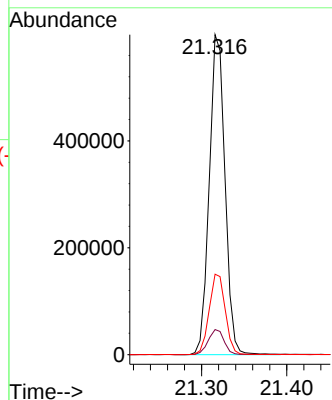
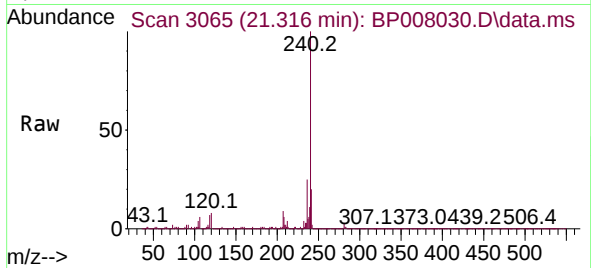




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3065
Delta R.T. -0.017 min
Lab File: BP008030.D
Acq: 18 Nov 2021 22:59

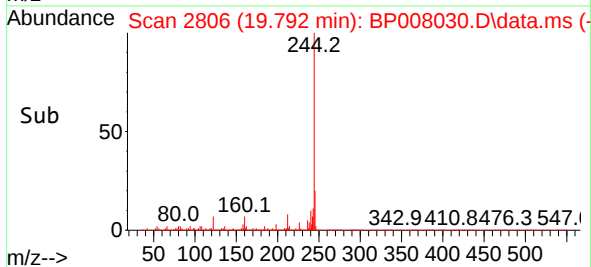
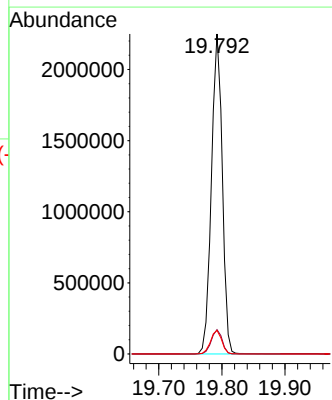
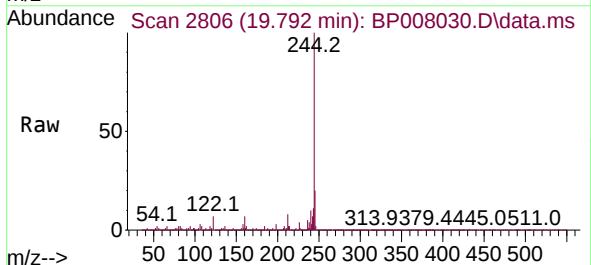
Instrument :
BNA_P
ClientSampleId :
SUB-FLOOR-STUCCO

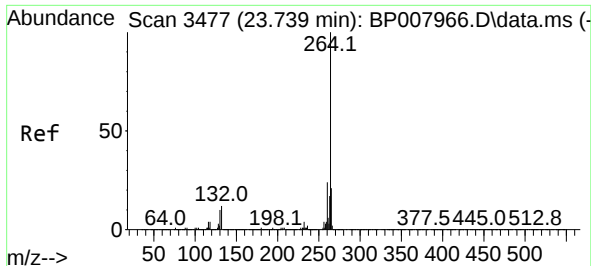
Tgt Ion:240 Resp: 768938
Ion Ratio Lower Upper
240 100
120 7.9 7.8 11.8
236 25.2 20.6 30.8



#79
Terphenyl-d14
Concen: 70.560 ng
RT: 19.792 min Scan# 2806
Delta R.T. -0.012 min
Lab File: BP008030.D
Acq: 18 Nov 2021 22:59

Tgt Ion:244 Resp: 2675757
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 7.3 7.8 11.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.716 min Scan# 34
Delta R.T. -0.023 min
Lab File: BP008030.D
Acq: 18 Nov 2021 22:59

Instrument :
BNA_P
ClientSampleId :
SUB-FLOOR-STUCCO

Tgt Ion:264 Resp: 865602

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	22.0	16.7	25.1

