

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052523\
 Data File : BP015286.D
 Acq On : 25 May 2023 10:21
 Operator : CG/JU
 Sample : PB152384BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB152384BL

Quant Time: May 25 10:57:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 01:41:43 2023
 Response via : Initial Calibration

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

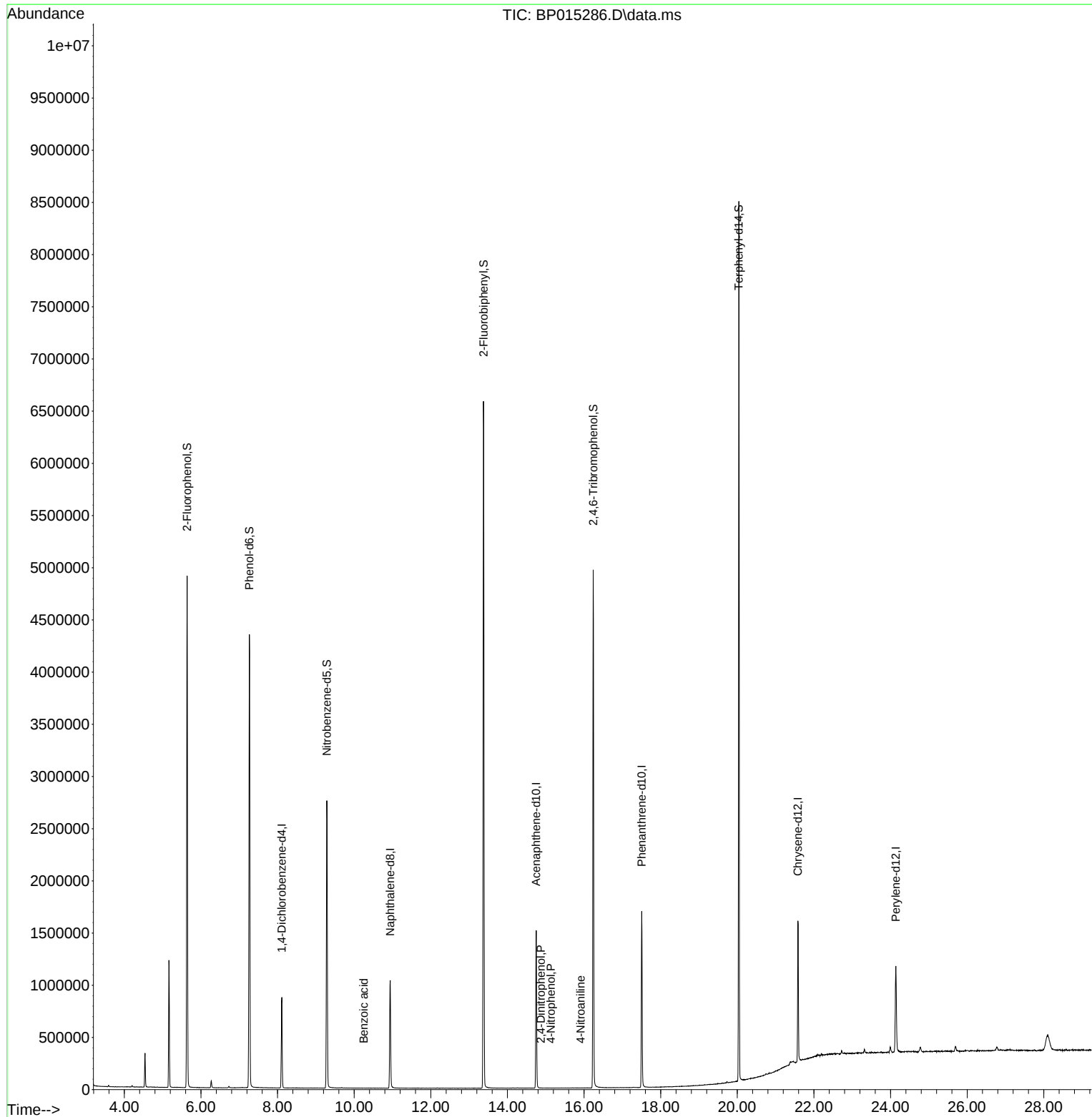
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	226279	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	877153	20.000	ng	0.00
39) Acenaphthene-d10	14.751	164	516609	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	1041717	20.000	ng	0.00
76) Chrysene-d12	21.580	240	684842	20.000	ng	0.00
86) Perylene-d12	24.139	264	673151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	2003875	146.745	ng	0.00
7) Phenol-d6	7.263	99	2512362	140.389	ng	0.00
23) Nitrobenzene-d5	9.287	82	1606075	89.401	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	920825	131.165	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	3360880	87.342	ng	0.00
79) Terphenyl-d14	20.039	244	3900937	107.142	ng	0.00
Target Compounds						
9) Benzaldehyde	7.269	77	4443	Below Cal	Qvalue	# 4
32) Benzoic acid	10.246	122	28	6.345 ng	#	1
54) 2,4-Dinitrophenol	14.875	184	9	5.189 ng	#	1
56) 4-Nitrophenol	15.134	139	8	3.430 ng		84
62) 4-Nitroaniline	15.910	138	30	2.308 ng		90

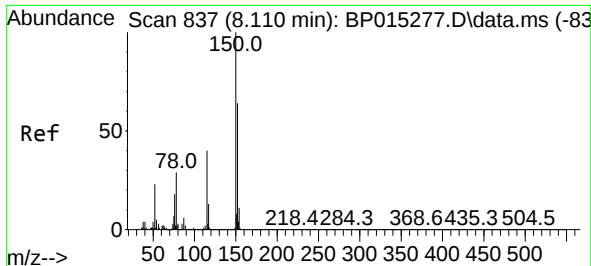
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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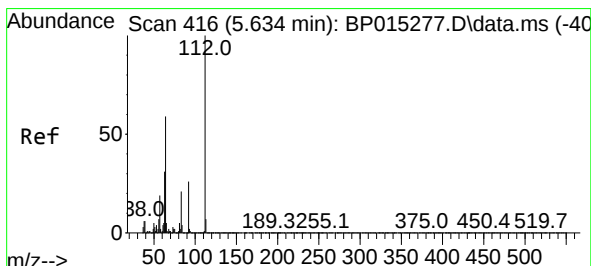
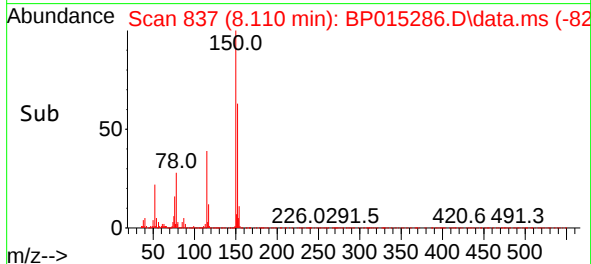
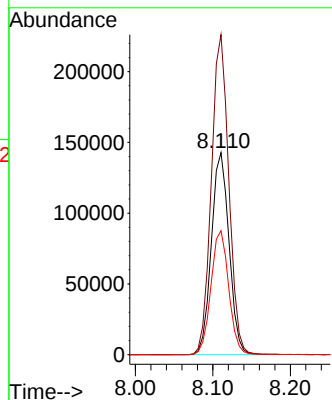
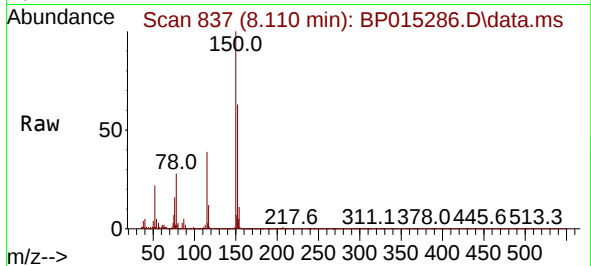




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP015286.D
Acq: 25 May 2023 10:21

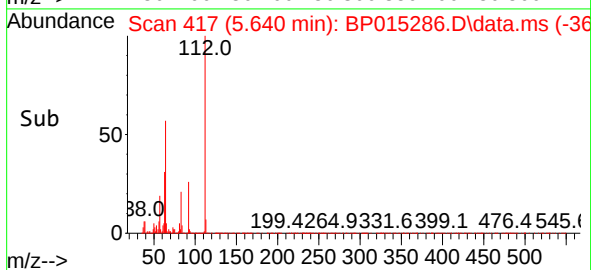
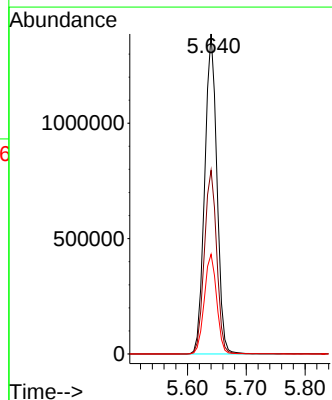
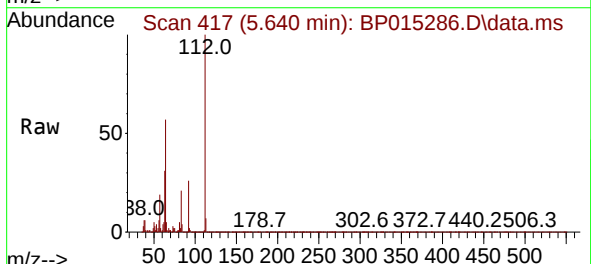
Instrument :
BNA_P
ClientSampleId :
PB152384BL

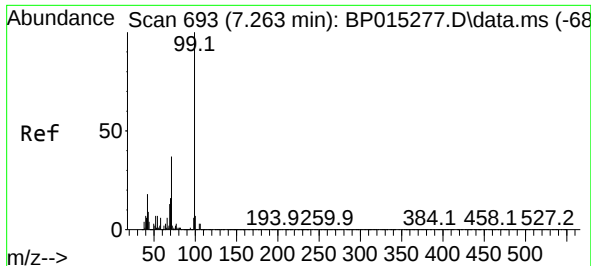
Tgt Ion:152 Resp: 226279
Ion Ratio Lower Upper
152 100
150 158.3 124.2 186.2
115 61.3 49.1 73.7



#5
2-Fluorophenol
Concen: 146.745 ng
RT: 5.640 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP015286.D
Acq: 25 May 2023 10:21

Tgt Ion:112 Resp: 2003875
Ion Ratio Lower Upper
112 100
64 57.4 47.2 70.8
63 31.1 24.6 37.0



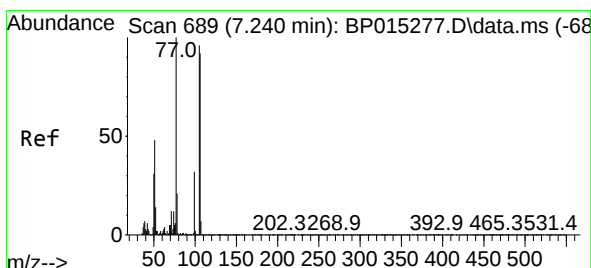
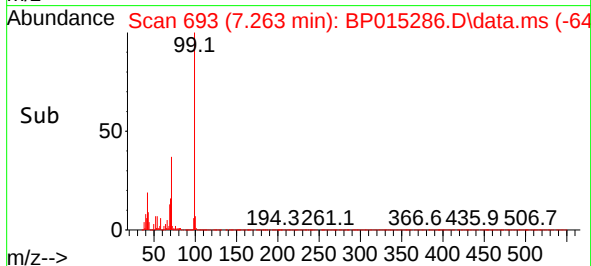
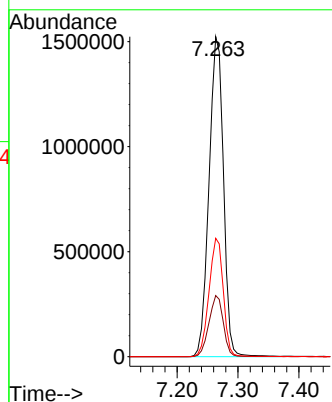
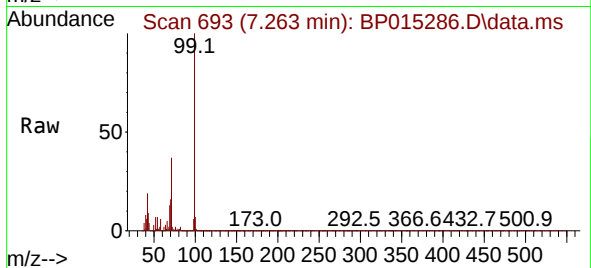


#7
Phenol-d6
Concen: 140.389 ng
RT: 7.263 min Scan# 693
Delta R.T. -0.000 min
Lab File: BP015286.D
Acq: 25 May 2023 10:21

Instrument :
BNA_P
ClientSampleId :
PB152384BL

Tgt Ion: 99 Resp: 2512362

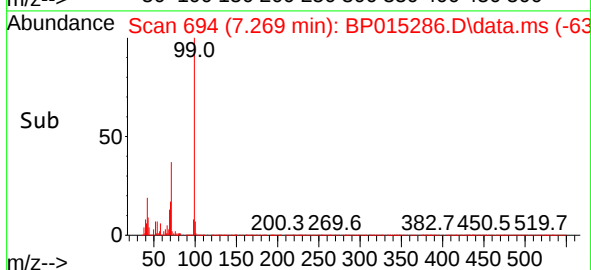
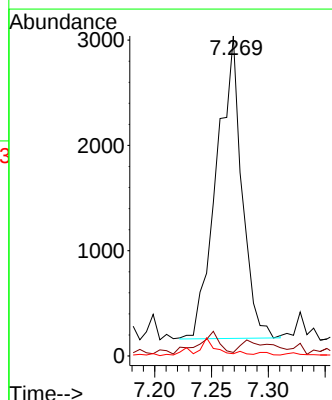
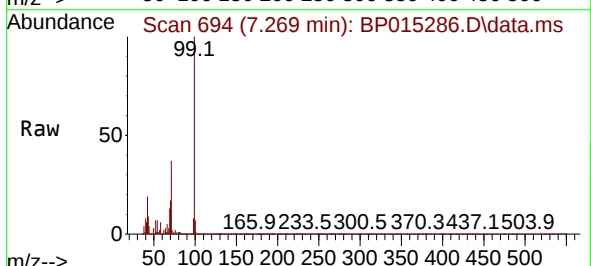
Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.6	22.0
71	37.0	29.4	44.2

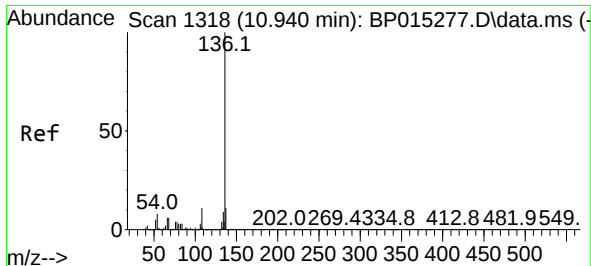


#9
Benzaldehyde
Concen: Below Cal
RT: 7.269 min Scan# 694
Delta R.T. 0.029 min
Lab File: BP015286.D
Acq: 25 May 2023 10:21

Tgt Ion: 77 Resp: 4443

Ion	Ratio	Lower	Upper
77	100		
105	1.1	75.9	115.9#
106	0.7	72.3	112.3#

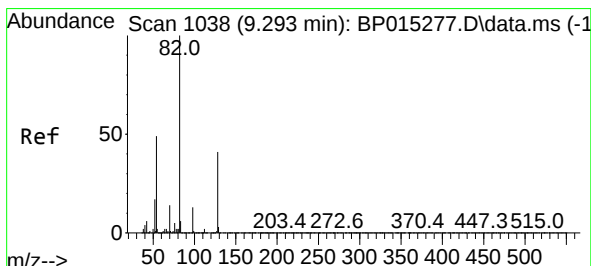
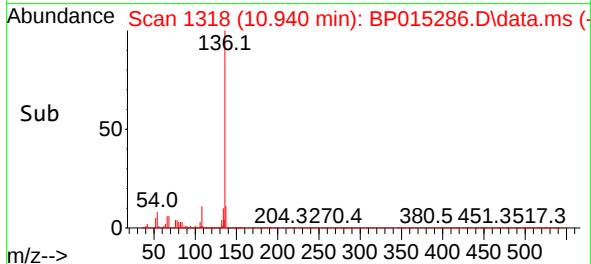
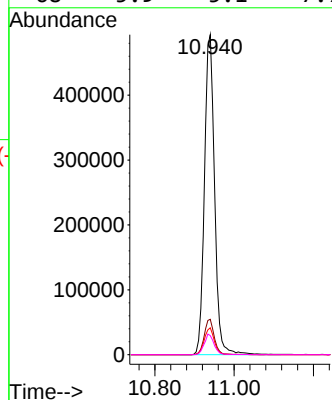
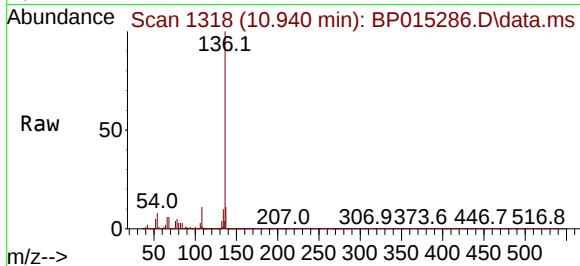




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.940 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015286.D
Acq: 25 May 2023 10:21

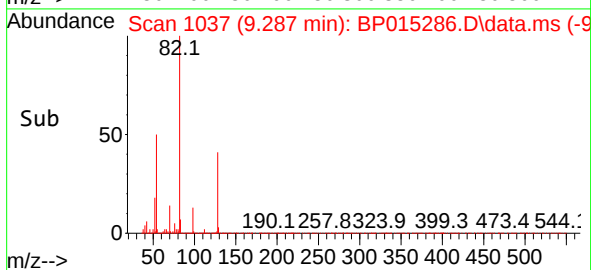
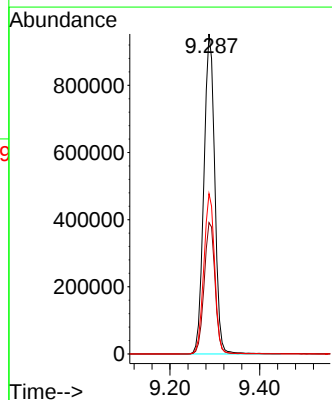
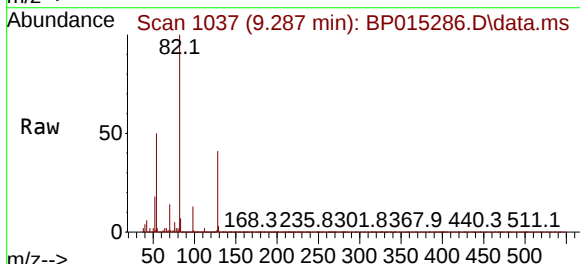
Instrument :
BNA_P
ClientSampleId :
PB152384BL

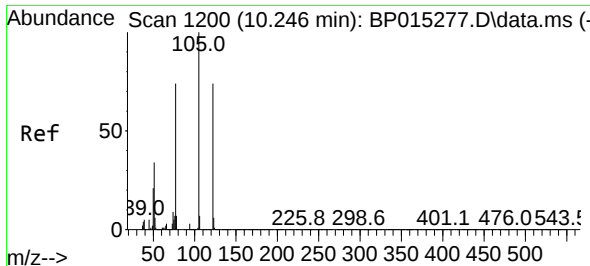
Tgt Ion:	136	Resp:	877153
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.4	6.3	9.5
68	5.9	5.1	7.7



#23
Nitrobenzene-d5
Concen: 89.401 ng
RT: 9.287 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BP015286.D
Acq: 25 May 2023 10:21

Tgt Ion:	82	Resp:	1606075
Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.0	49.4
54	50.1	39.2	58.8

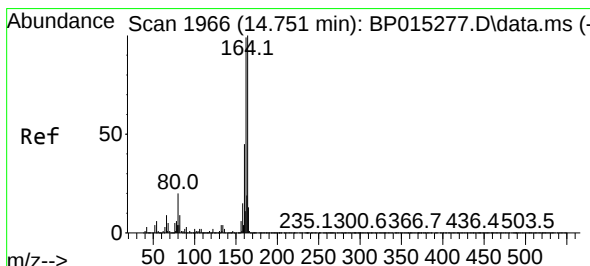
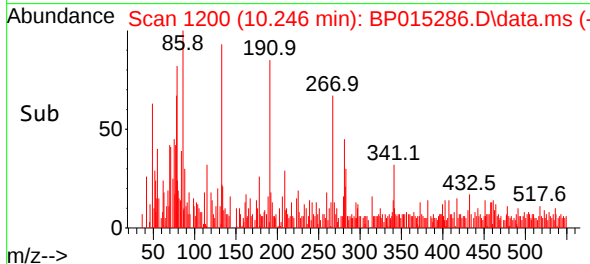
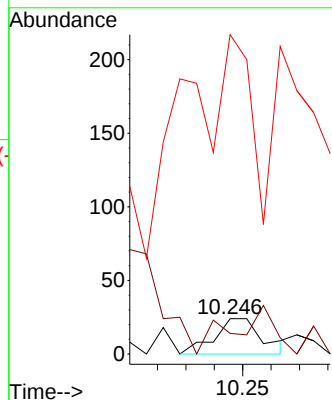
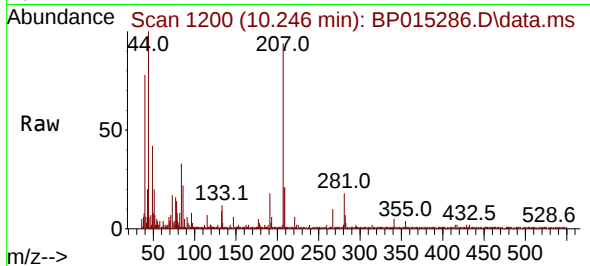




#32
Benzoic acid
Concen: 6.345 ng
RT: 10.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015286.D
Acq: 25 May 2023 10:21

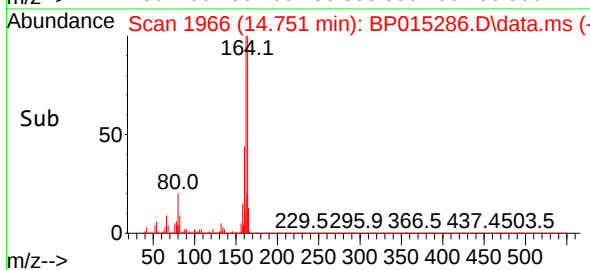
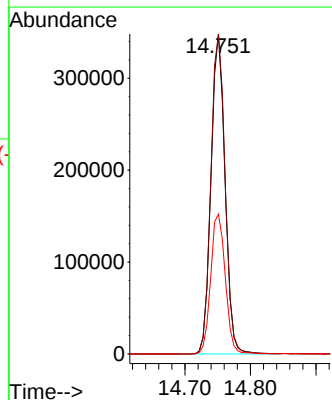
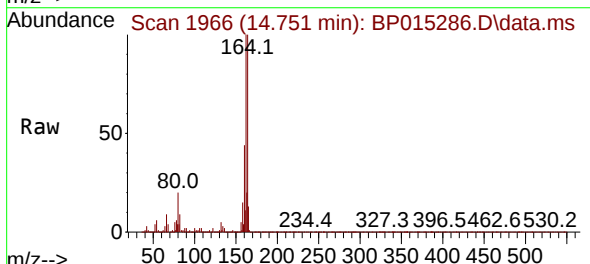
Instrument :
BNA_P
ClientSampleId :
PB152384BL

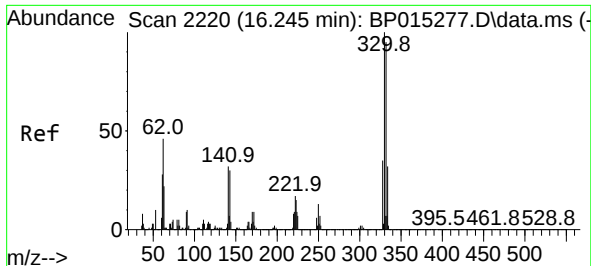
Tgt Ion:122 Resp: 28
Ion Ratio Lower Upper
122 100
105 58.3 109.5 149.5#
77 904.2 78.2 118.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.751 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BP015286.D
Acq: 25 May 2023 10:21

Tgt Ion:164 Resp: 516609
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.2
160 43.7 35.6 53.4

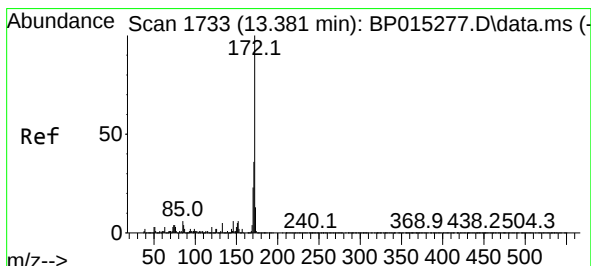
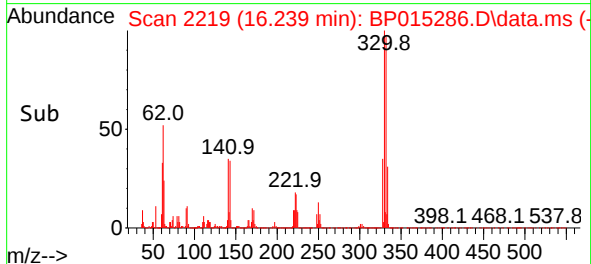
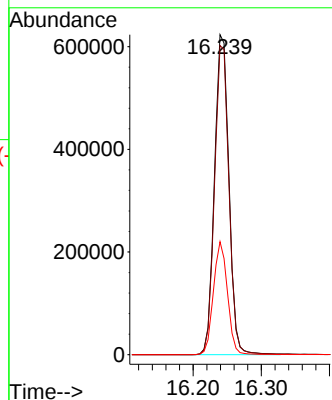
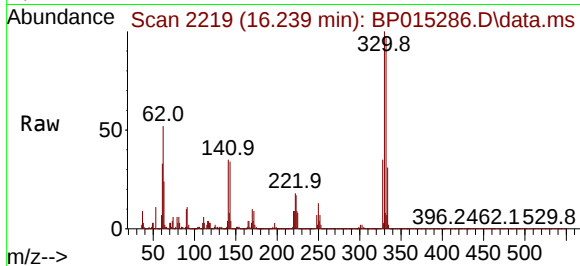




#42
2,4,6-Tribromophenol
Concen: 131.165 ng
RT: 16.239 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015286.D
Acq: 25 May 2023 10:21

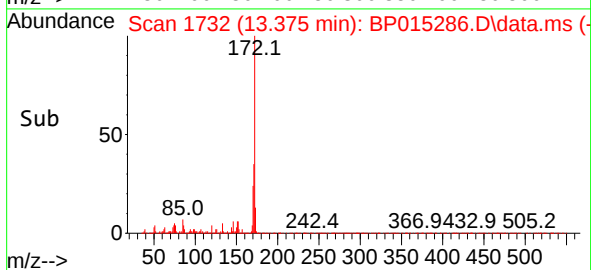
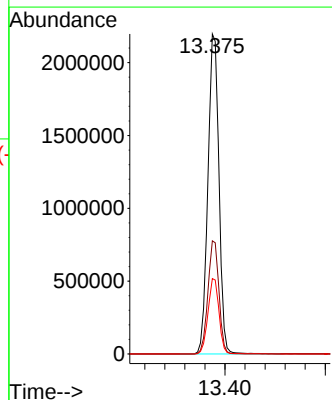
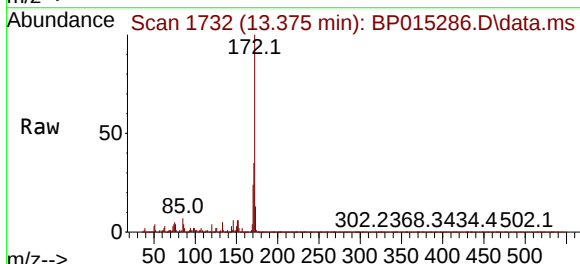
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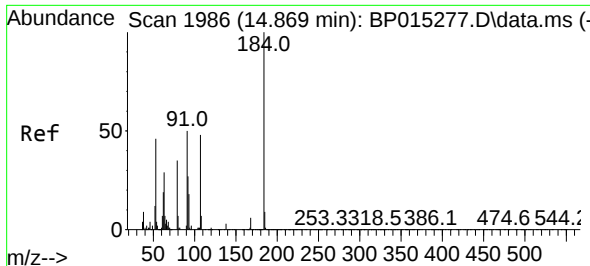
Tgt Ion:330 Resp: 920825
Ion Ratio Lower Upper
330 100
332 96.6 76.3 114.5
141 34.4 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 87.342 ng
RT: 13.375 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BP015286.D
Acq: 25 May 2023 10:21

Tgt Ion:172 Resp: 3360880
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.5 18.7 28.1

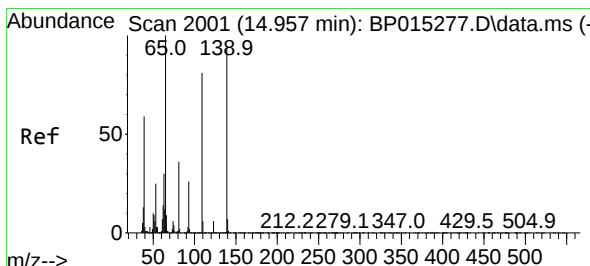
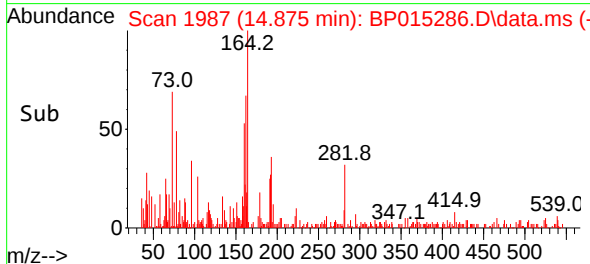
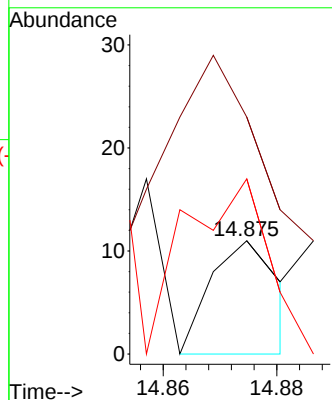
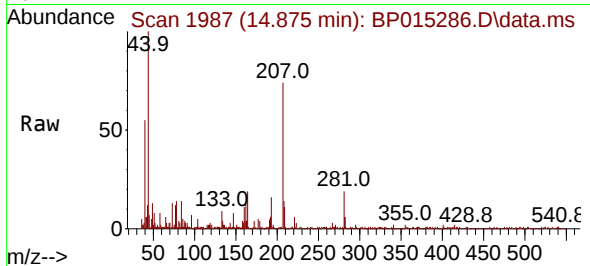




#54
2,4-Dinitrophenol
Concen: 5.189 ng
RT: 14.875 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP015286.D
Acq: 25 May 2023 10:21

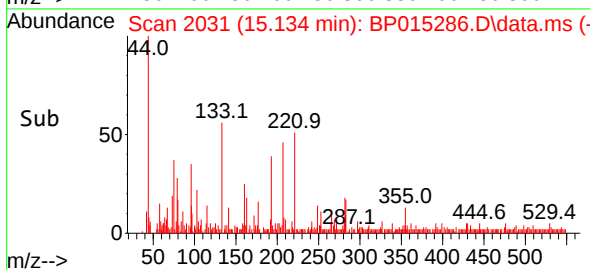
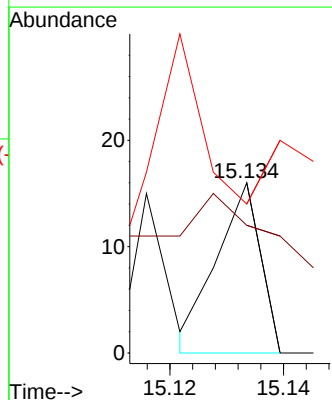
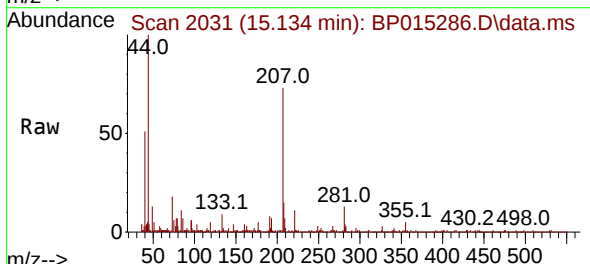
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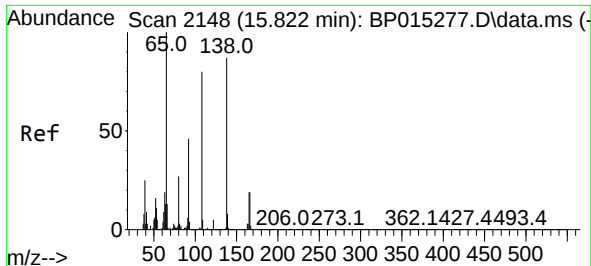
Tgt Ion:184 Resp: 9
Ion Ratio Lower Upper
184 100
63 209.1 56.2 84.4#
154 154.5 53.2 79.8#



#56
4-Nitrophenol
Concen: 3.430 ng
RT: 15.134 min Scan# 2031
Delta R.T. 0.177 min
Lab File: BP015286.D
Acq: 25 May 2023 10:21

Tgt Ion:139 Resp: 8
Ion Ratio Lower Upper
139 100
109 75.0 66.5 106.5
65 87.5 86.6 126.6

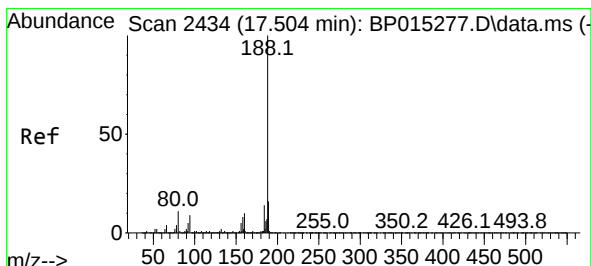
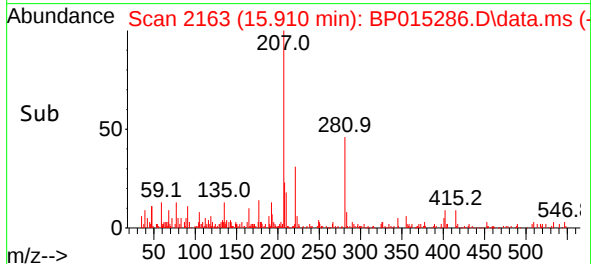
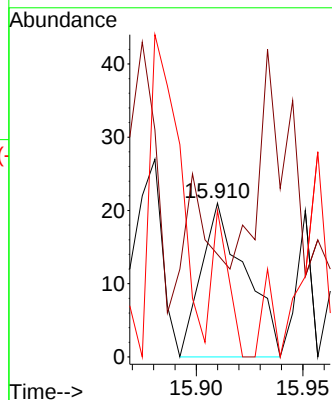
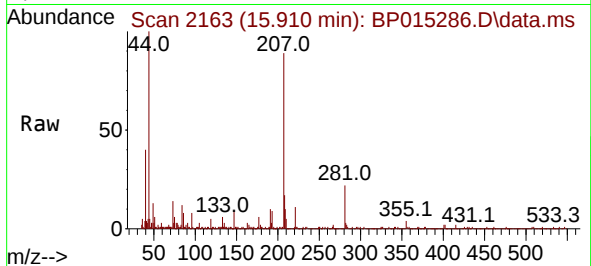




#62
4-Nitroaniline
Concen: 2.308 ng
RT: 15.910 min Scan# 2148
Delta R.T. 0.088 min
Lab File: BP015286.D
Acq: 25 May 2023 10:21

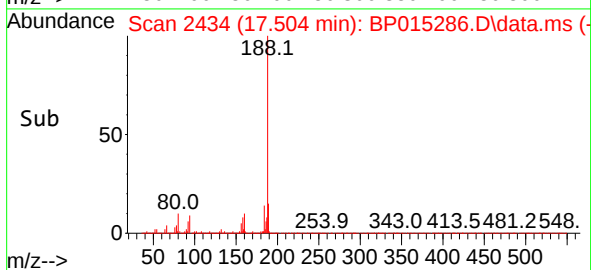
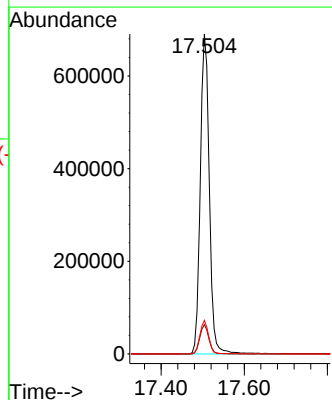
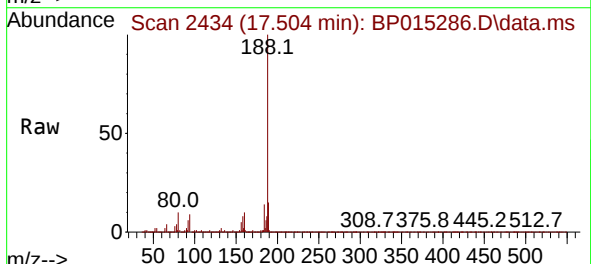
Instrument :
BNA_P
ClientSampleId :
PB152384BL

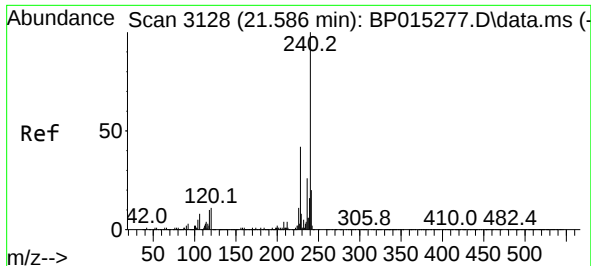
Tgt Ion:138 Resp: 30
Ion Ratio Lower Upper
138 100
92 66.7 33.1 73.1
108 95.2 71.0 111.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BP015286.D
Acq: 25 May 2023 10:21

Tgt Ion:188 Resp: 1041717
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 10.5 8.6 13.0

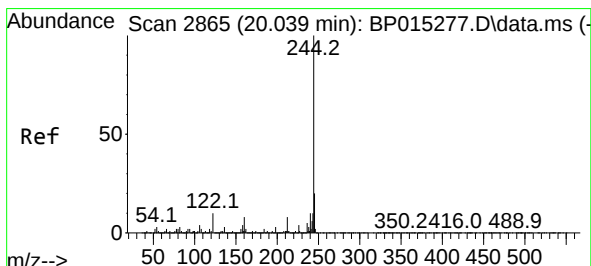
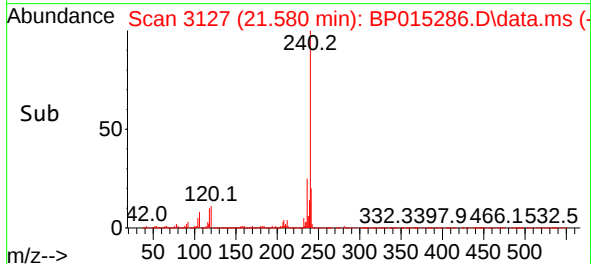
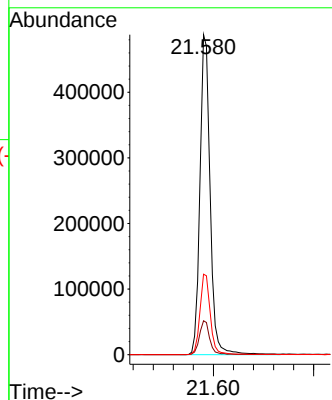
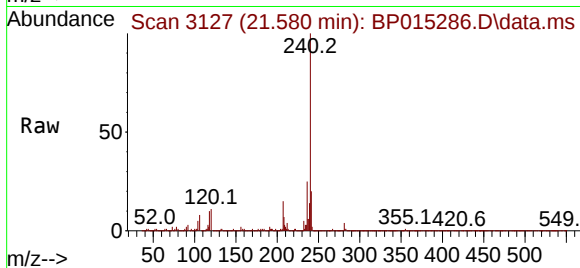




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP015286.D
Acq: 25 May 2023 10:21

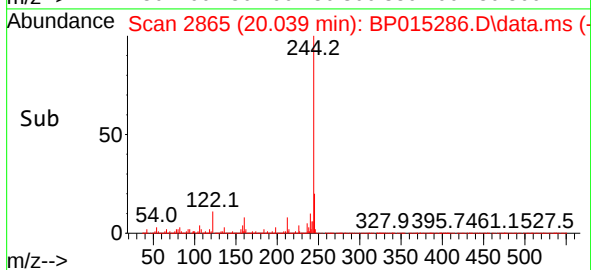
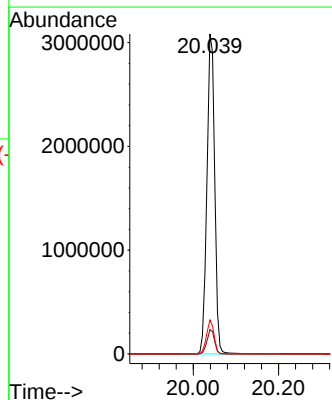
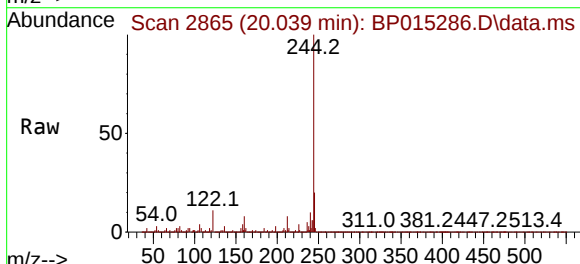
Instrument :
BNA_P
ClientSampleId :
PB152384BL

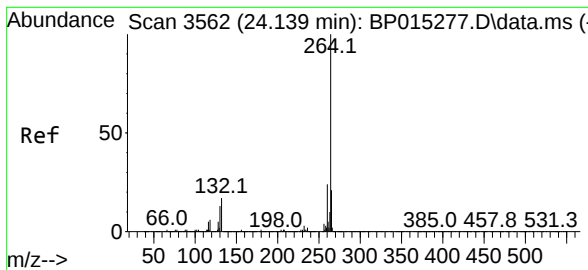
Tgt Ion:240 Resp: 684842
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 25.1 20.5 30.7



#79
Terphenyl-d14
Concen: 107.142 ng
RT: 20.039 min Scan# 2865
Delta R.T. -0.000 min
Lab File: BP015286.D
Acq: 25 May 2023 10:21

Tgt Ion:244 Resp: 3900937
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 10.6 8.2 12.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.139 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP015286.D
Acq: 25 May 2023 10:21

Instrument :
BNA_P
ClientSampleId :
PB152384BL

Tgt Ion:264 Resp: 673151

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	22.0	17.5	26.3

