

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111222\
 Data File : BP012631.D
 Acq On : 12 Nov 2022 21:56
 Operator : CG/JU
 Sample : N5509-11RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-11

Quant Time: Nov 14 03:22:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 13 22:44:57 2022
 Response via : Initial Calibration

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

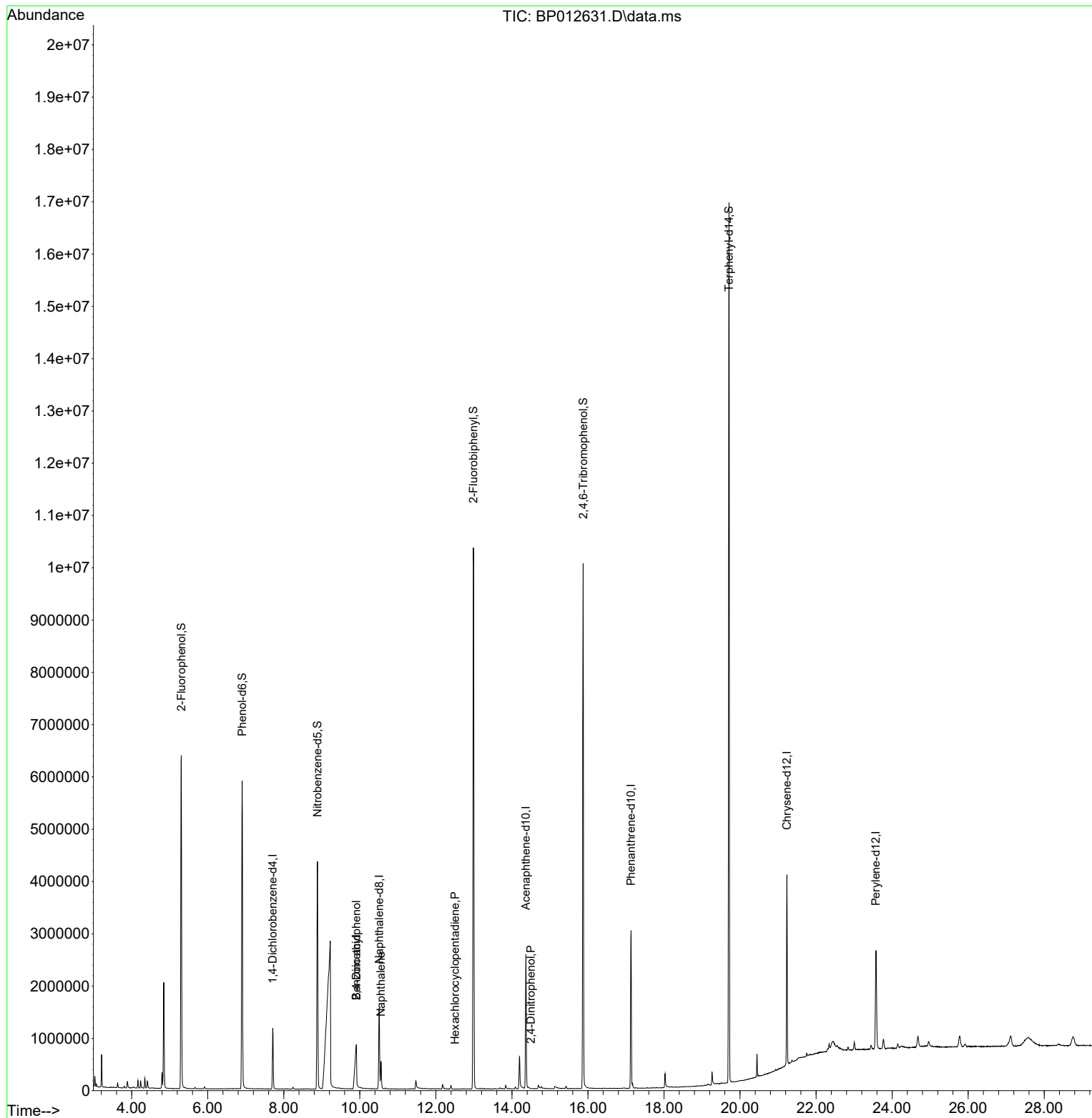
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	317554	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	1308216	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	866550	20.000	ng	-0.01
64) Phenanthrene-d10	17.133	188	1856935	20.000	ng	-0.01
76) Chrysene-d12	21.233	240	1664592	20.000	ng	-0.01
86) Perylene-d12	23.574	264	1486098	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	2999500	175.884	ng	0.00
7) Phenol-d6	6.905	99	3664231	154.794	ng	0.00
23) Nitrobenzene-d5	8.887	82	2593814	109.998	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	2277346	192.512	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	5705441	99.952	ng	-0.01
79) Terphenyl-d14	19.710	244	8792694	107.013	ng	0.00
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	9.910	122	563077	31.987	ng	# 4
31) Naphthalene	10.557	128	429074	6.037	ng	99
32) Benzoic acid	9.910	122	587750	34.131	ng	98
41) Hexachlorocyclopentadiene	12.504	237	6	5.153	ng	96
54) 2,4-Dinitrophenol	14.498	184	30	4.843	ng	# 1

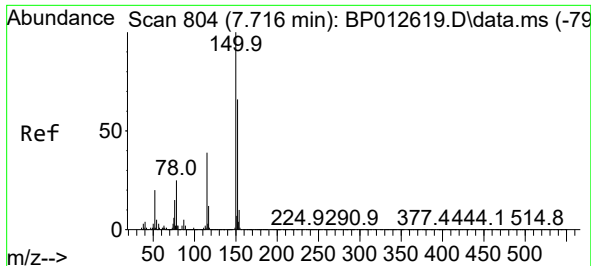
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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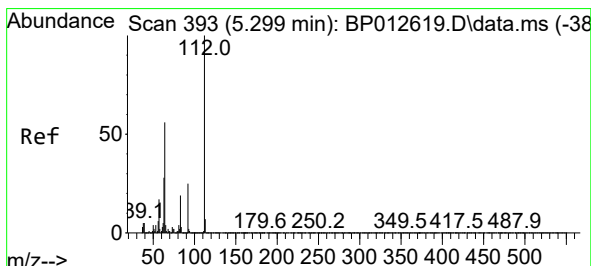
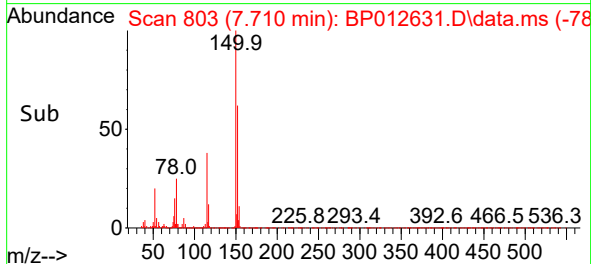
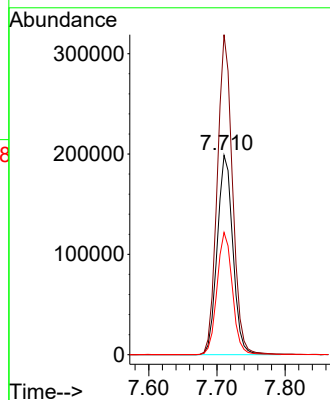
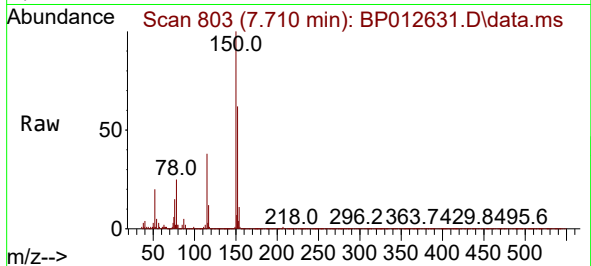




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 804
Delta R.T. -0.006 min
Lab File: BP012631.D
Acq: 12 Nov 2022 21:56

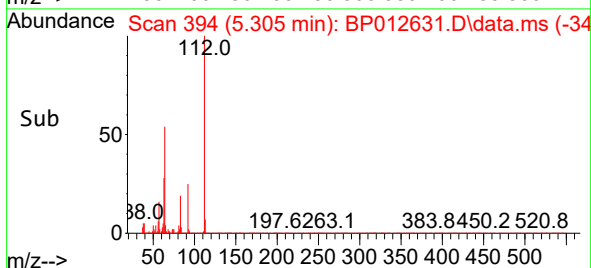
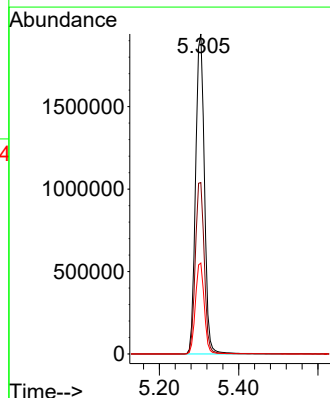
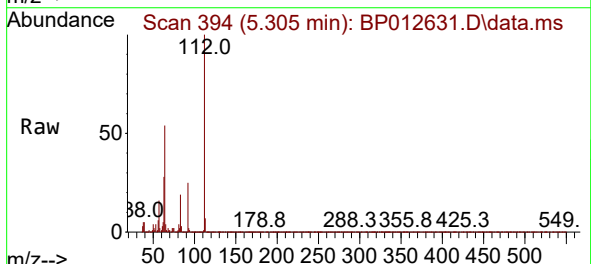
Instrument :
BNA_P
ClientSampleId :
TP-11

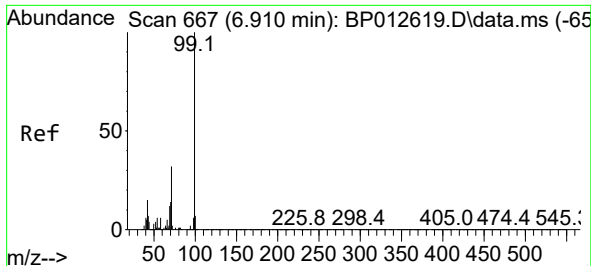
Tgt Ion:152 Resp: 317554
Ion Ratio Lower Upper
152 100
150 160.5 122.1 183.1
115 61.3 47.3 70.9



#5
2-Fluorophenol
Concen: 175.884 ng
RT: 5.305 min Scan# 394
Delta R.T. 0.006 min
Lab File: BP012631.D
Acq: 12 Nov 2022 21:56

Tgt Ion:112 Resp: 2999500
Ion Ratio Lower Upper
112 100
64 53.6 44.6 67.0
63 28.4 22.8 34.2

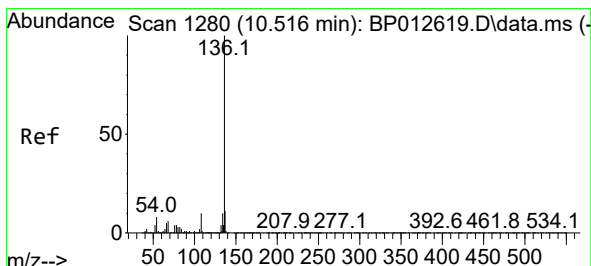
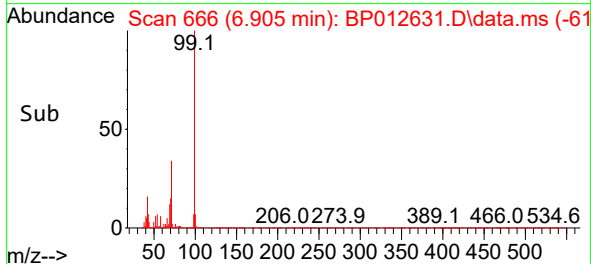
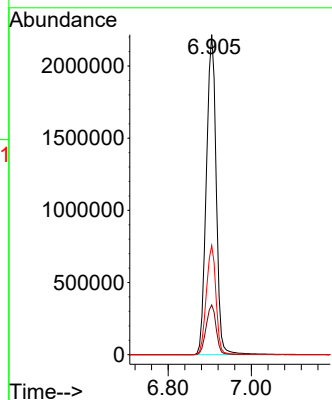
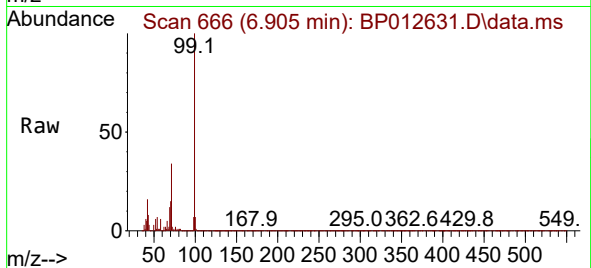




#7
Phenol-d6
Concen: 154.794 ng
RT: 6.905 min Scan# 60
Delta R.T. -0.005 min
Lab File: BP012631.D
Acq: 12 Nov 2022 21:56

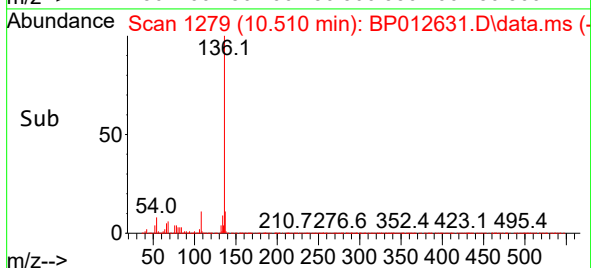
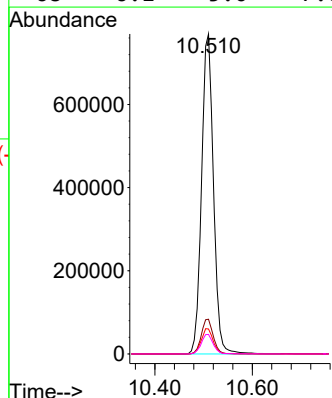
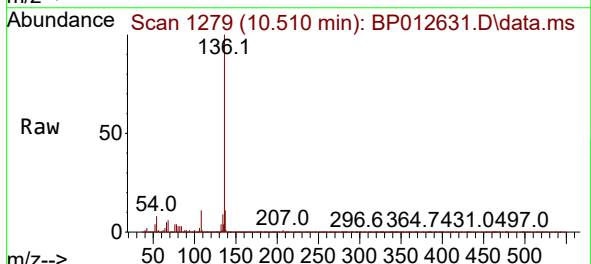
Instrument :
BNA_P
ClientSampleId :
TP-11

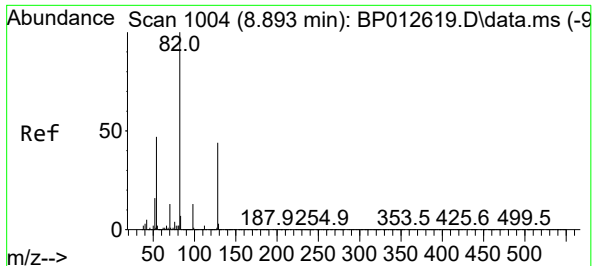
Tgt Ion: 99 Resp: 3664231
Ion Ratio Lower Upper
99 100
42 15.5 12.2 18.2
71 34.1 26.0 39.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BP012631.D
Acq: 12 Nov 2022 21:56

Tgt Ion:136 Resp: 1308216
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.8 6.4 9.6
68 6.1 5.0 7.6

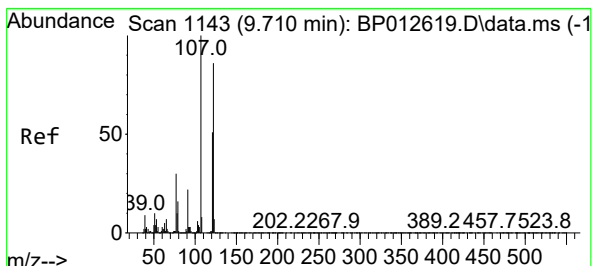
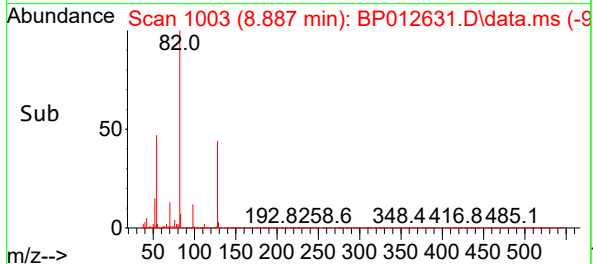
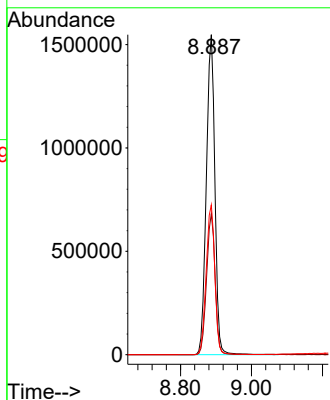
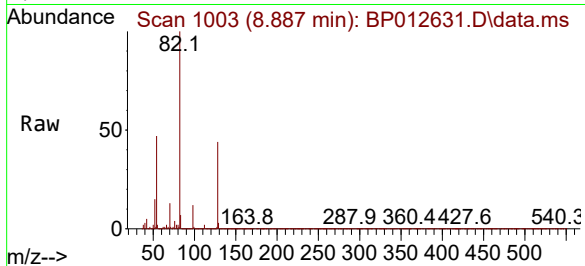




#23
Nitrobenzene-d5
Concen: 109.998 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP012631.D
Acq: 12 Nov 2022 21:56

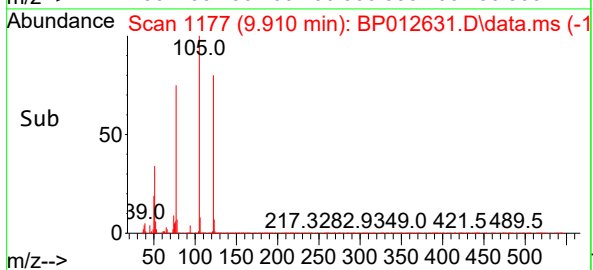
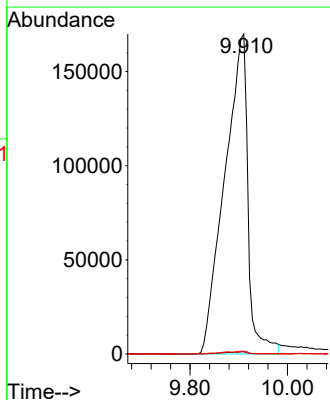
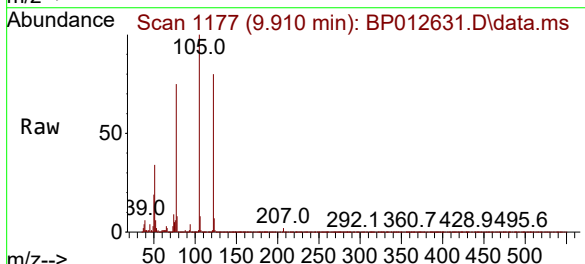
Instrument :
BNA_P
ClientSampleId :
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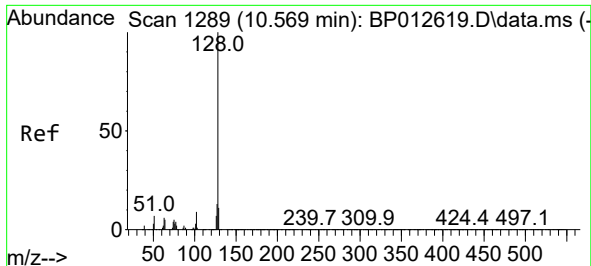
Tgt Ion: 82 Resp: 2593814
Ion Ratio Lower Upper
82 100
128 44.0 35.4 53.2
54 46.8 37.8 56.6



#27
2,4-Dimethylphenol
Concen: 31.987 ng
RT: 9.910 min Scan# 1177
Delta R.T. 0.200 min
Lab File: BP012631.D
Acq: 12 Nov 2022 21:56

Tgt Ion:122 Resp: 563077
Ion Ratio Lower Upper
122 100
107 0.6 92.7 139.1#
121 0.9 47.1 70.7#

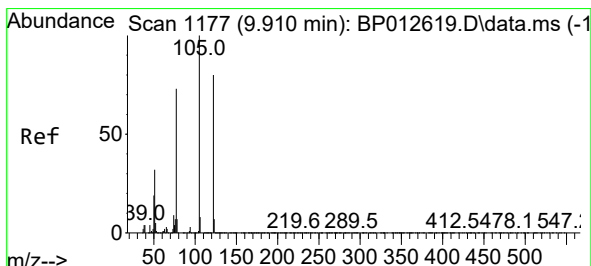
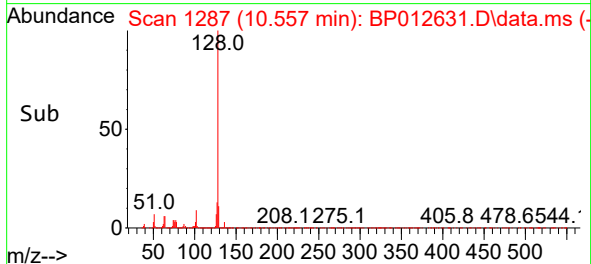
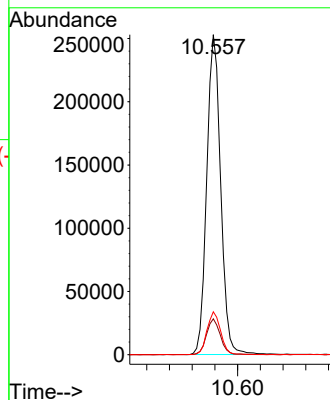
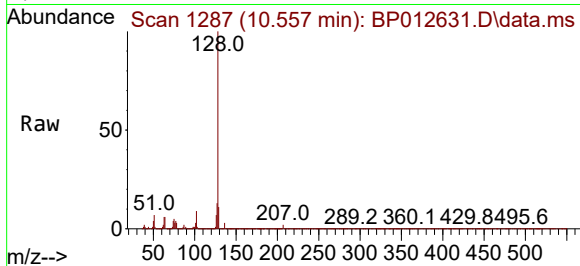




#31
Naphthalene
Concen: 6.037 ng
RT: 10.557 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BP012631.D
Acq: 12 Nov 2022 21:56

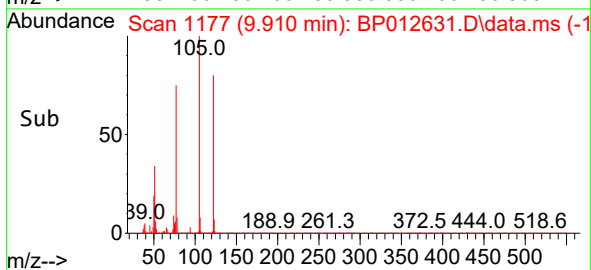
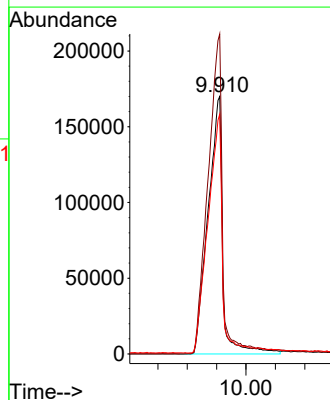
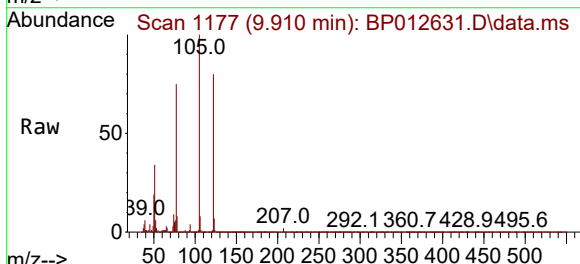
Instrument :
BNA_P
ClientSampleId :
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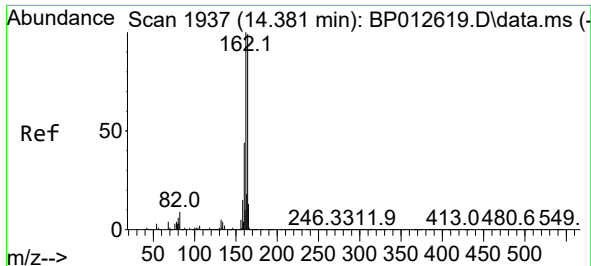
Tgt Ion:128 Resp: 429074
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 34.131 ng
RT: 9.910 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BP012631.D
Acq: 12 Nov 2022 21:56

Tgt Ion:122 Resp: 587750
Ion Ratio Lower Upper
122 100
105 124.3 102.2 142.2
77 93.1 70.7 110.7

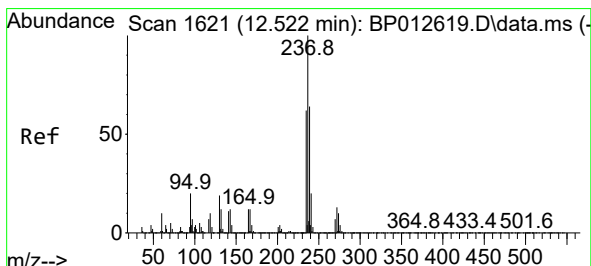
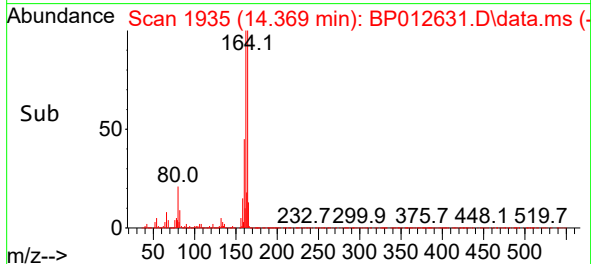
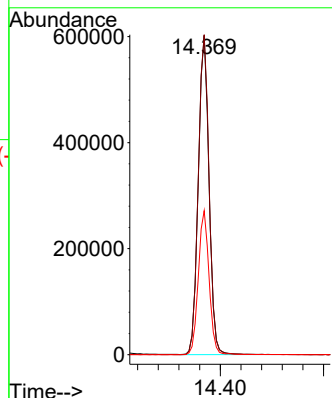
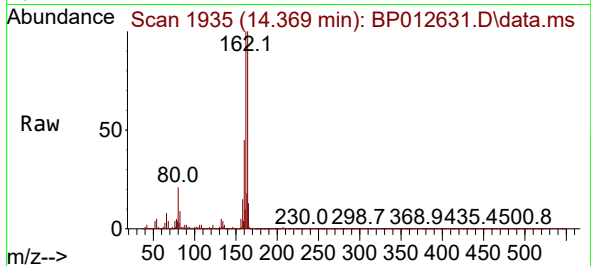




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BP012631.D
Acq: 12 Nov 2022 21:56

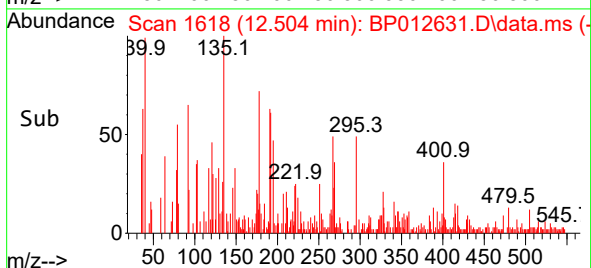
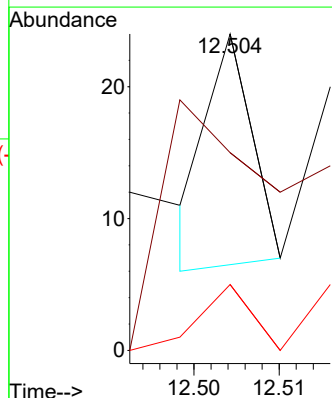
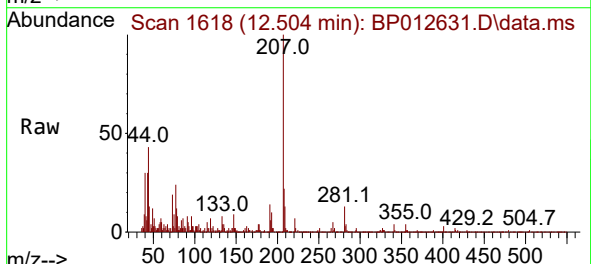
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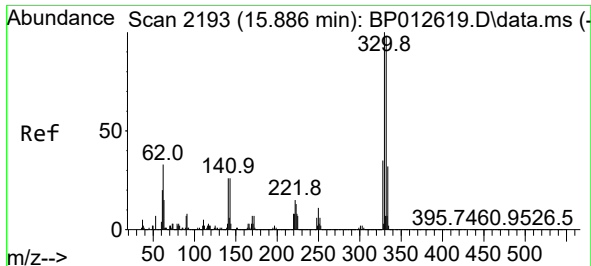
Tgt Ion:164 Resp: 866550
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.6
160 45.1 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 5.153 ng
RT: 12.504 min Scan# 1618
Delta R.T. -0.018 min
Lab File: BP012631.D
Acq: 12 Nov 2022 21:56

Tgt Ion:237 Resp: 6
Ion Ratio Lower Upper
237 100
235 62.5 42.1 82.1
272 20.8 0.0 33.2

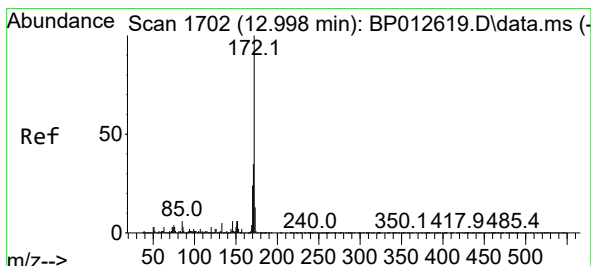
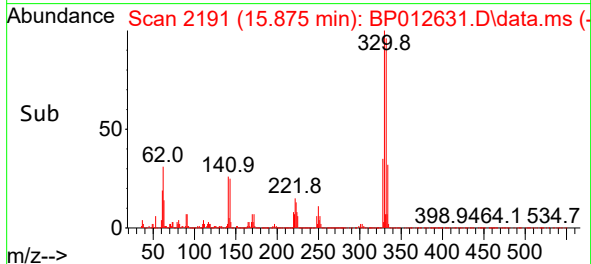
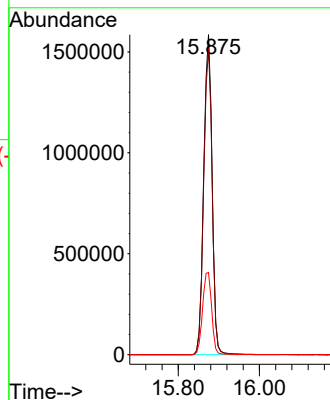
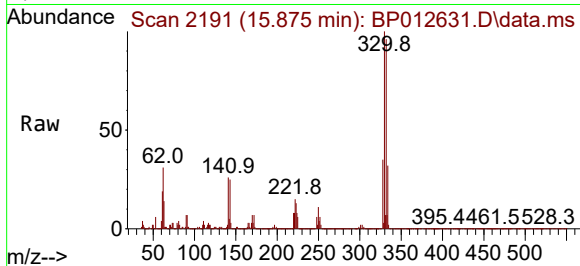




#42
2,4,6-Tribromophenol
Concen: 192.512 ng
RT: 15.875 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP012631.D
Acq: 12 Nov 2022 21:56

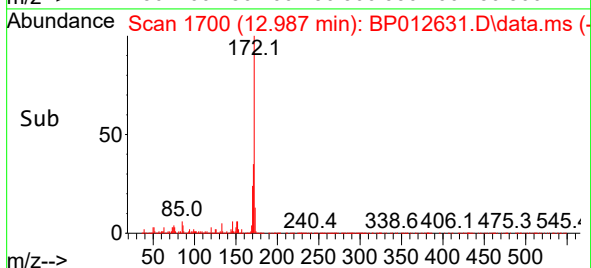
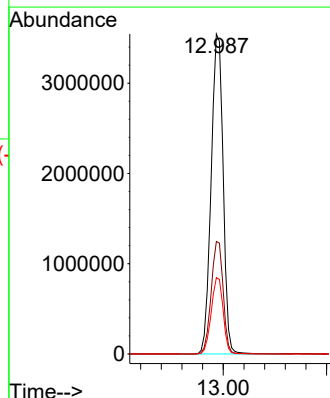
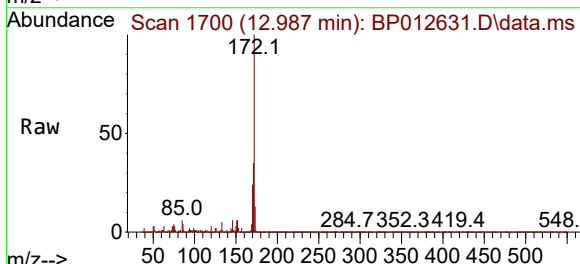
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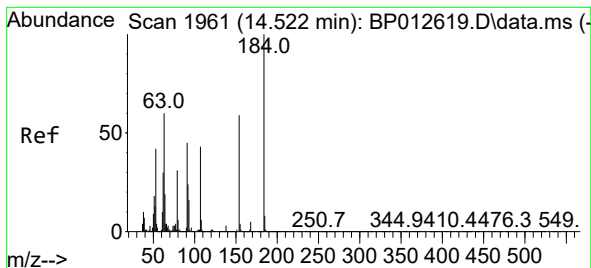
Tgt Ion:330 Resp: 2277346
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 28.0 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 99.952 ng
RT: 12.987 min Scan# 1700
Delta R.T. -0.011 min
Lab File: BP012631.D
Acq: 12 Nov 2022 21:56

Tgt Ion:172 Resp: 5705441
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.8 19.0 28.6

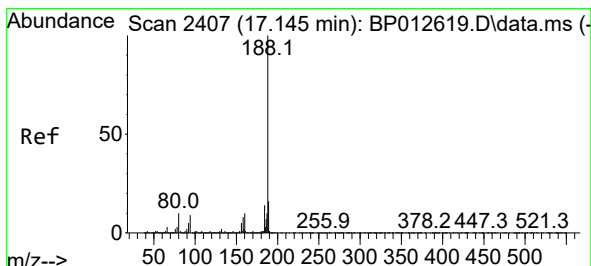
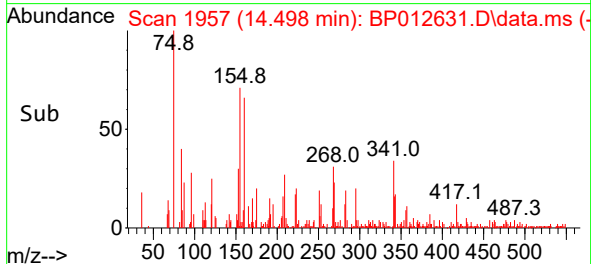
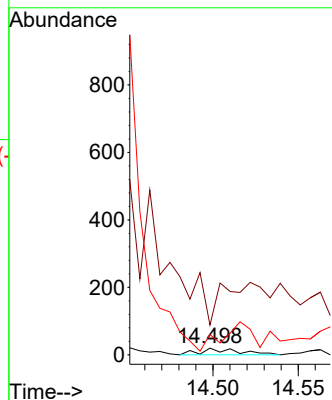
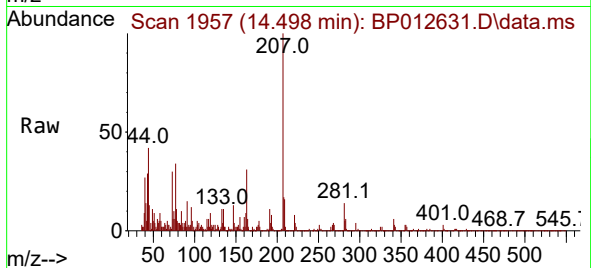




#54
2,4-Dinitrophenol
Concen: 4.843 ng
RT: 14.498 min Scan# 1961
Delta R.T. -0.024 min
Lab File: BP012631.D
Acq: 12 Nov 2022 21:56

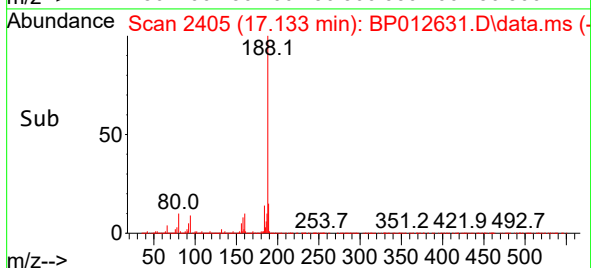
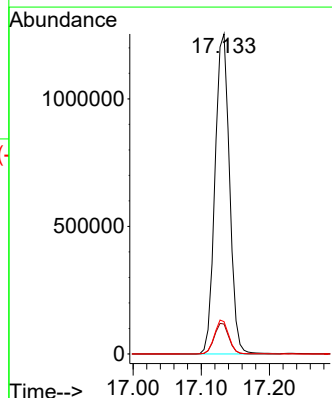
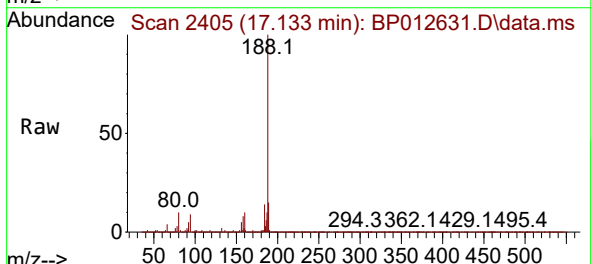
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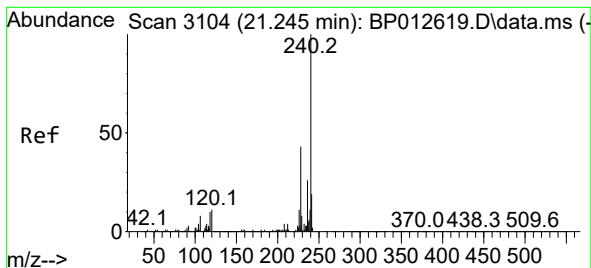
Tgt Ion:184 Resp: 30
Ion Ratio Lower Upper
184 100
63 440.0 48.5 72.7#
154 300.0 49.4 74.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BP012631.D
Acq: 12 Nov 2022 21:56

Tgt Ion:188 Resp: 1856935
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.1 8.2 12.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.233 min Scan# 3104

Delta R.T. -0.012 min

Lab File: BP012631.D

Acq: 12 Nov 2022 21:56

Instrument :

BNA_P

ClientSampleId :

TP-11

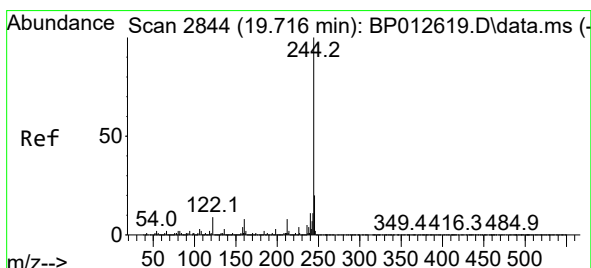
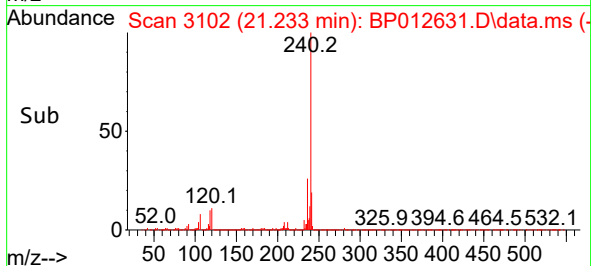
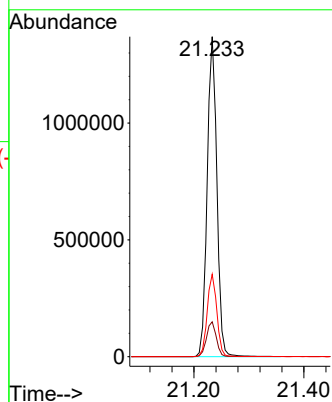
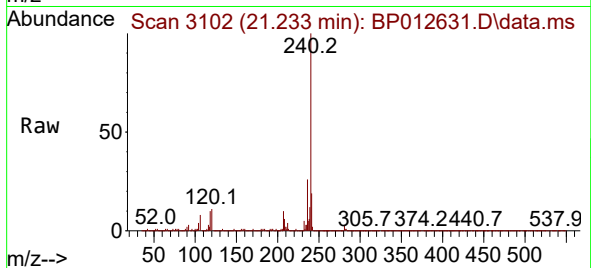
Tgt Ion:240 Resp: 1664592

Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.4

236 25.8 20.8 31.2



#79

Terphenyl-d14

Concen: 107.013 ng

RT: 19.710 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP012631.D

Acq: 12 Nov 2022 21:56

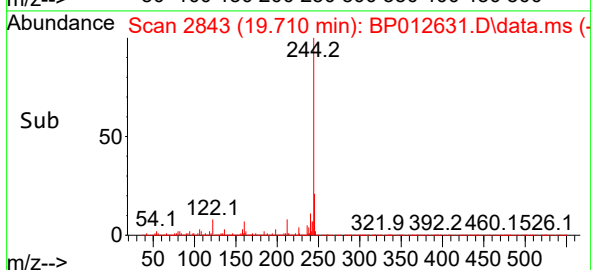
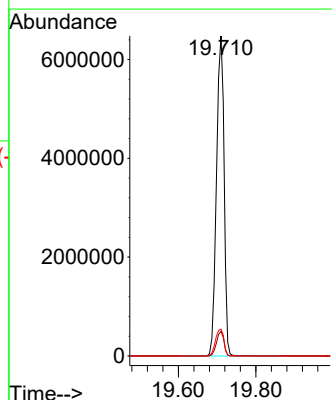
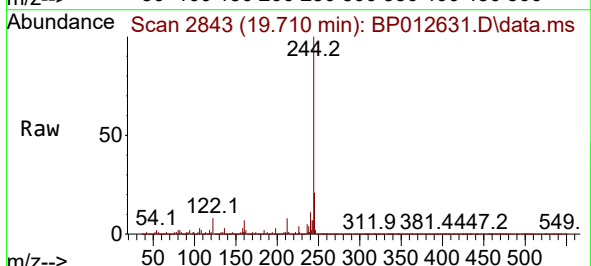
Tgt Ion:244 Resp: 8792694

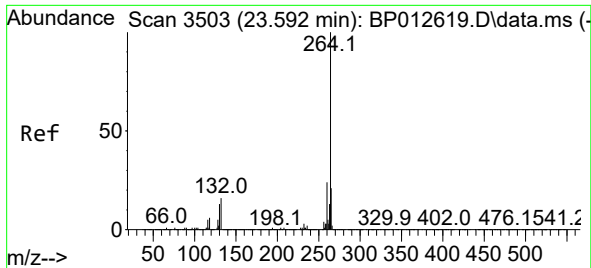
Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 8.4 7.0 10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.574 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP012631.D
Acq: 12 Nov 2022 21:56

Instrument :
BNA_P
ClientSampleId :
TP-11

Tgt Ion:264 Resp: 1486098

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.6	17.8	26.8

