

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
 Data File : BM029661.D
 Acq On : 26 Apr 2021 22:02
 Operator : CG/JU
 Sample : M2170-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CS-1

Quant Time: Apr 27 01:33:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 26 15:01:01 2021
 Response via : Initial Calibration

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

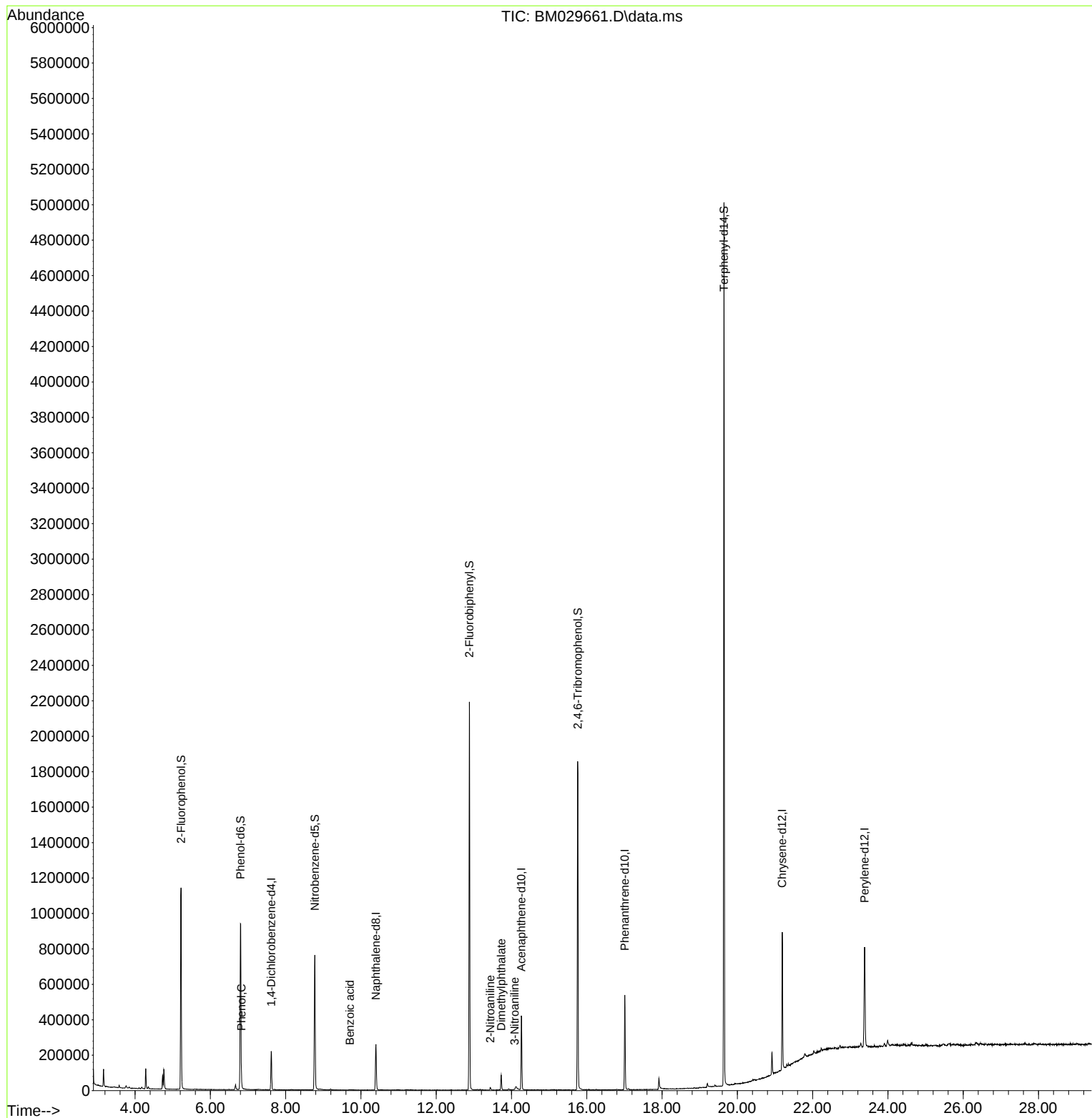
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	60472	20.00	ng	0.00
21) Naphthalene-d8	10.398	136	213225	20.00	ng	0.00
39) Acenaphthene-d10	14.263	164	142065	20.00	ng	0.00
64) Phenanthrene-d10	17.009	188	320467	20.00	ng	0.00
76) Chrysene-d12	21.192	240	371630	20.00	ng	0.00
86) Perylene-d12	23.380	264	398114	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	460084	152.53	ng	0.00
7) Phenol-d6	6.798	99	510370	113.28	ng	0.00
23) Nitrobenzene-d5	8.775	82	432096	104.37	ng	0.00
42) 2,4,6-Tribromophenol	15.762	330	346835	176.53	ng	0.00
45) 2-Fluorobiphenyl	12.880	172	1160264	110.85	ng	0.00
79) Terphenyl-d14	19.645	244	2113226	107.81	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.828	94	14579	3.34	ng	88
32) Benzoic acid	9.710	122	1407	7.70	ng	90
48) 2-Nitroaniline	13.439	65	632	3.12	ng	# 17
50) Dimethylphthalate	13.727	163	58399	5.44	ng	98
53) 3-Nitroaniline	14.080	138	55	3.00	ng	# 1

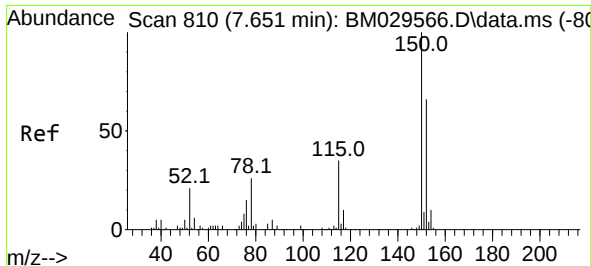
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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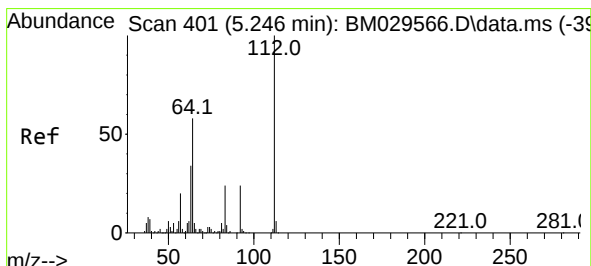
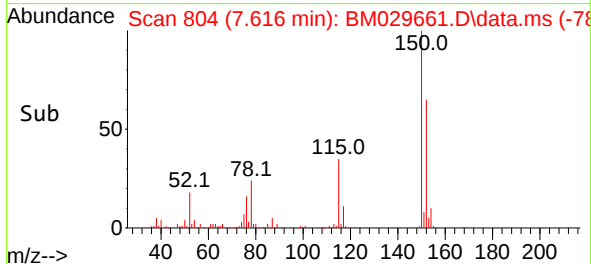
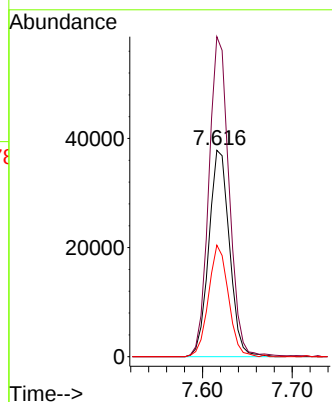
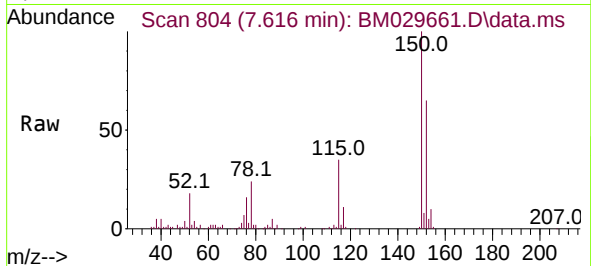




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM029661.D
Acq: 26 Apr 2021 22:02

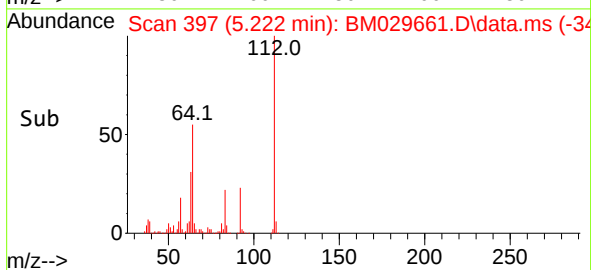
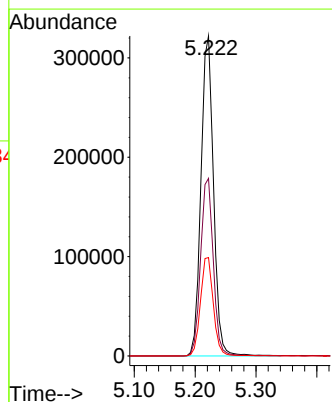
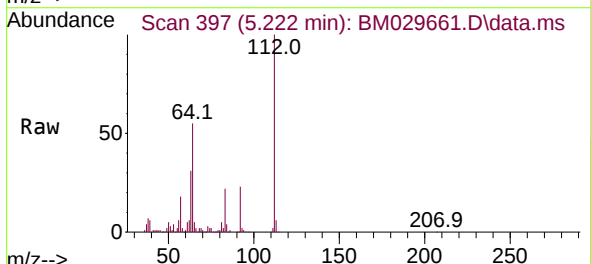
Instrument :
BNA_M
ClientSampleId :
CS-1

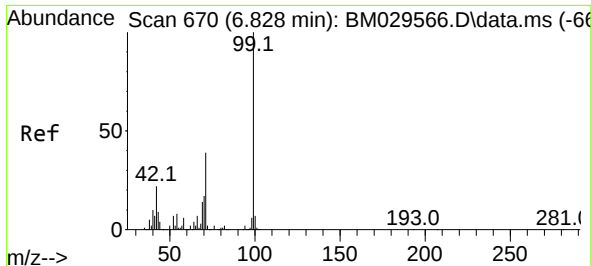
Tgt Ion:152 Resp: 60472
Ion Ratio Lower Upper
152 100
150 155.0 125.9 188.9
115 54.0 44.6 67.0



#5
2-Fluorophenol
Concen: 152.53 ng
RT: 5.222 min Scan# 397
Delta R.T. 0.006 min
Lab File: BM029661.D
Acq: 26 Apr 2021 22:02

Tgt Ion:112 Resp: 460084
Ion Ratio Lower Upper
112 100
64 55.5 47.1 70.7
63 30.8 27.3 40.9

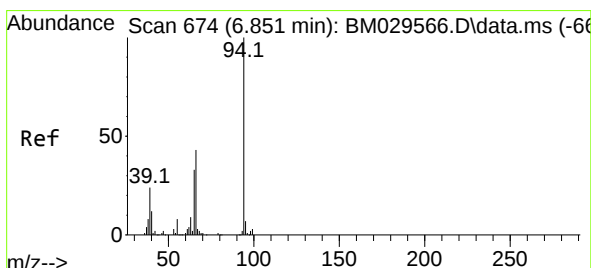
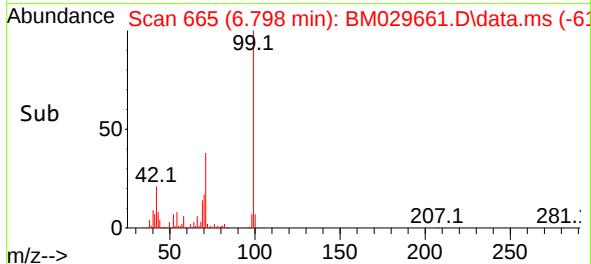
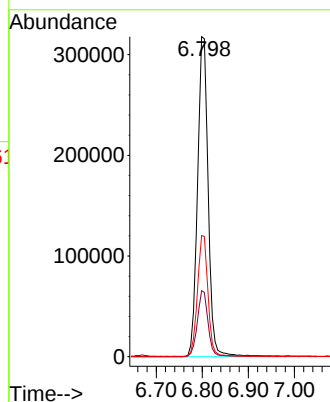
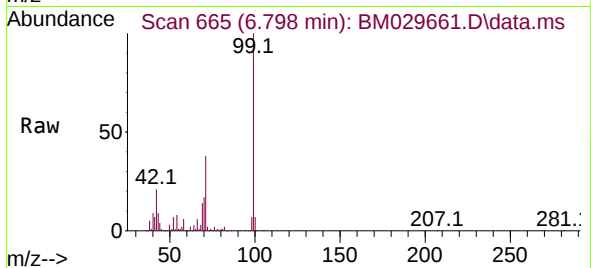




#7
Phenol-d6
Concen: 113.28 ng
RT: 6.798 min Scan# 665
Delta R.T. -0.000 min
Lab File: BM029661.D
Acq: 26 Apr 2021 22:02

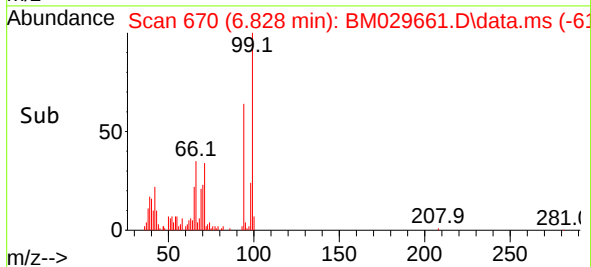
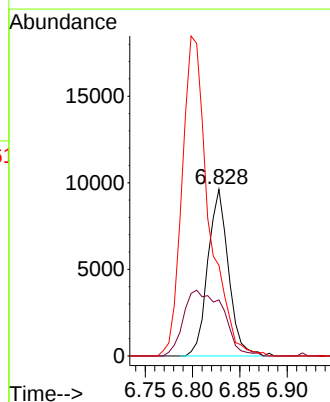
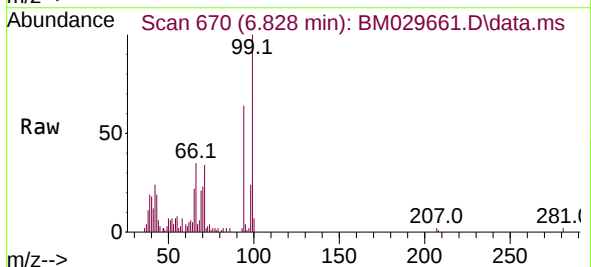
Instrument :
BNA_M
ClientSampled :
CS-1

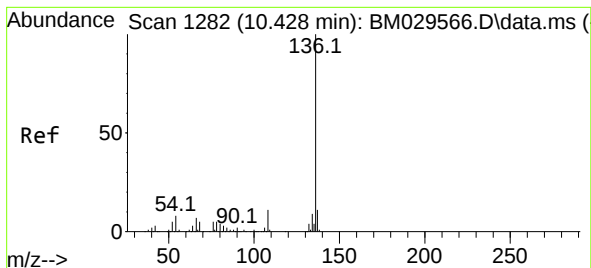
Tgt Ion: 99 Resp: 510370
Ion Ratio Lower Upper
99 100
42 20.6 18.0 27.0
71 37.9 30.9 46.3



#10
Phenol
Concen: 3.34 ng
RT: 6.828 min Scan# 670
Delta R.T. -0.000 min
Lab File: BM029661.D
Acq: 26 Apr 2021 22:02

Tgt Ion: 94 Resp: 14579
Ion Ratio Lower Upper
94 100
65 33.6 11.9 51.9
66 54.5 22.6 62.6

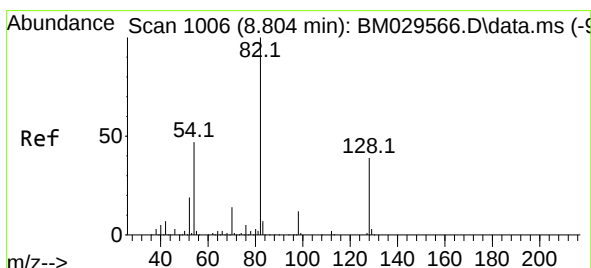
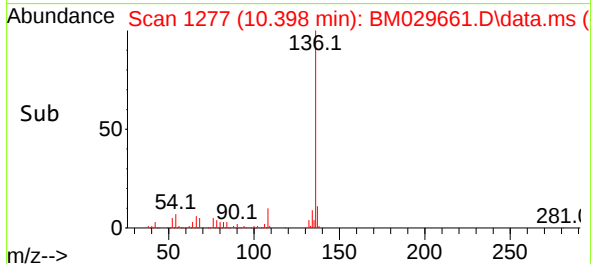
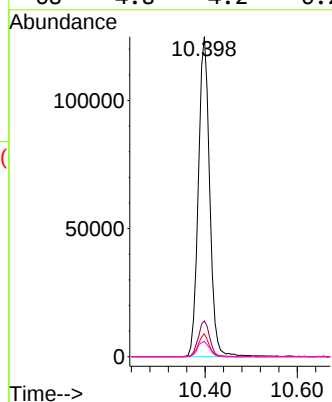
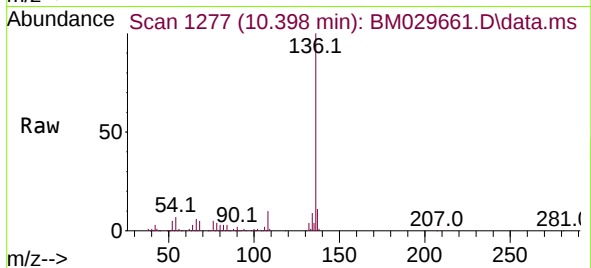




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.398 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BM029661.D
Acq: 26 Apr 2021 22:02

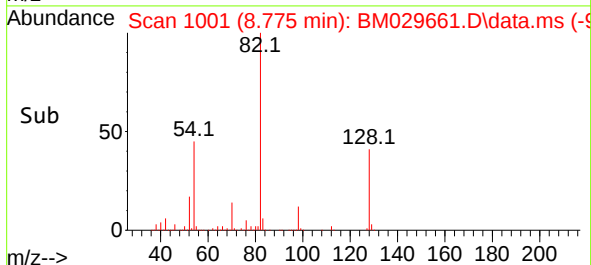
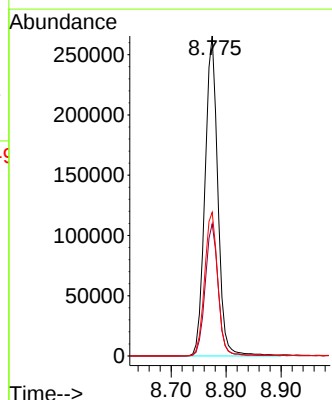
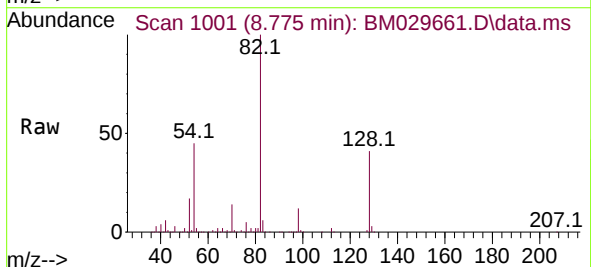
Instrument :
BNA_M
ClientSampled :
CS-1

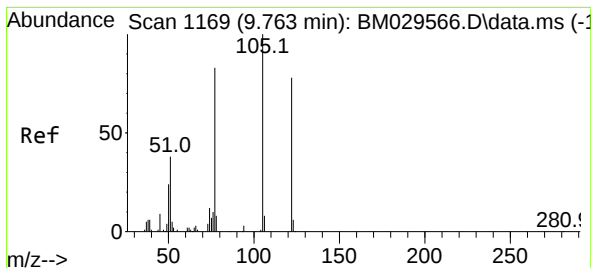
Tgt Ion:136	Resp:	213225
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.4 12.6
54	7.2	5.5 8.3
68	4.8	4.2 6.2



#23
Nitrobenzene-d5
Concen: 104.37 ng
RT: 8.775 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BM029661.D
Acq: 26 Apr 2021 22:02

Tgt Ion: 82	Resp:	432096
Ion Ratio	Lower	Upper
82	100	
128	41.3	31.1 46.7
54	44.9	37.3 55.9

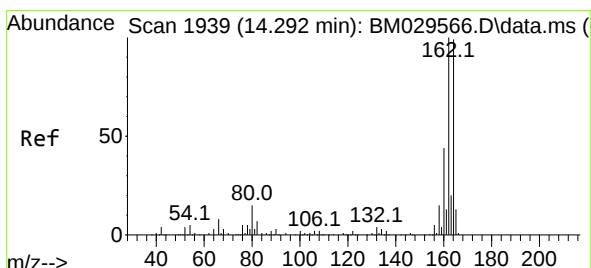
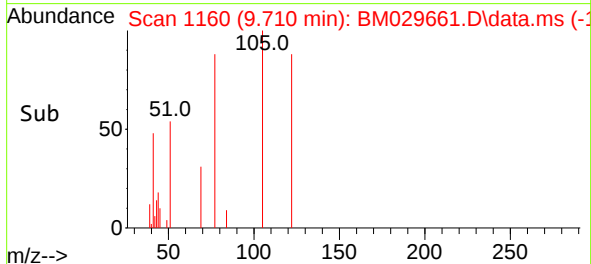
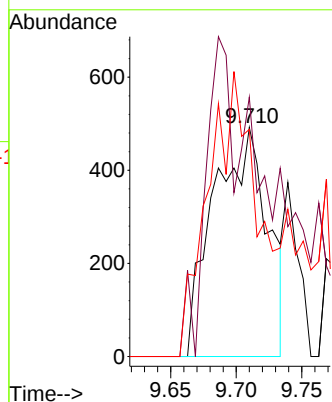
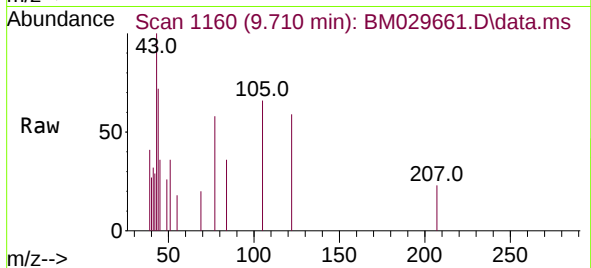




#32
Benzoic acid
Concen: 7.70 ng
RT: 9.710 min Scan# 1160
Delta R.T. -0.024 min
Lab File: BM029661.D
Acq: 26 Apr 2021 22:02

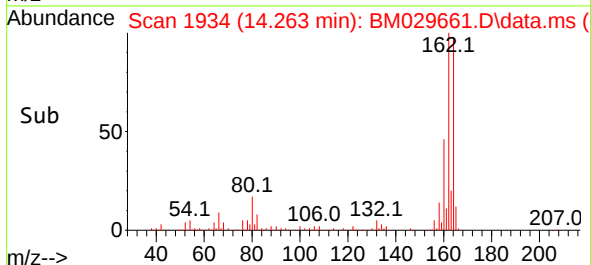
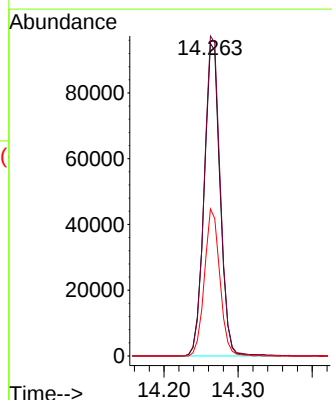
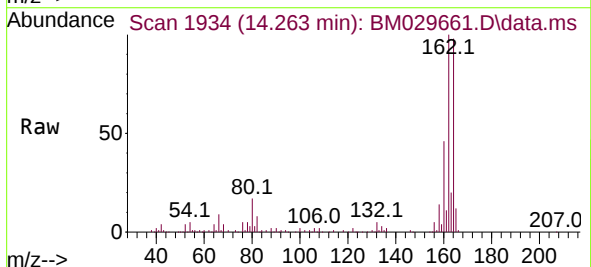
Instrument :
BNA_M
ClientSampleId :
CS-1

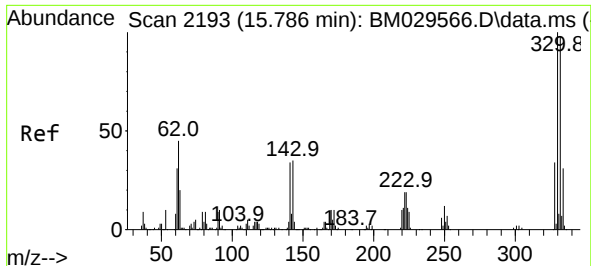
Tgt Ion:122 Resp: 1407
Ion Ratio Lower Upper
122 100
105 113.2 107.3 147.3
77 99.2 88.0 128.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.263 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BM029661.D
Acq: 26 Apr 2021 22:02

Tgt Ion:164 Resp: 142065
Ion Ratio Lower Upper
164 100
162 102.4 83.4 125.0
160 47.1 37.2 55.8

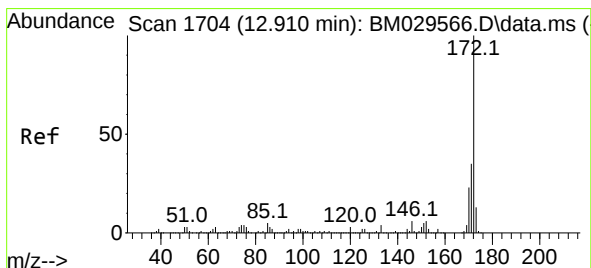
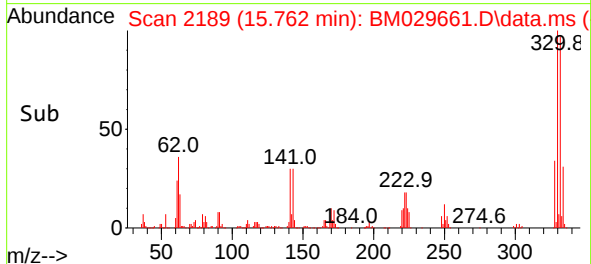
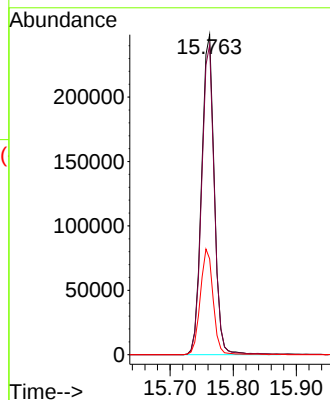
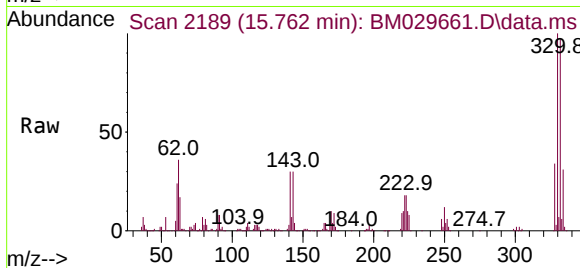




#42
2,4,6-Tribromophenol
Concen: 176.53 ng
RT: 15.762 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BM029661.D
Acq: 26 Apr 2021 22:02

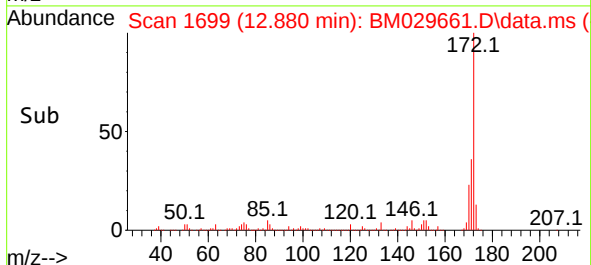
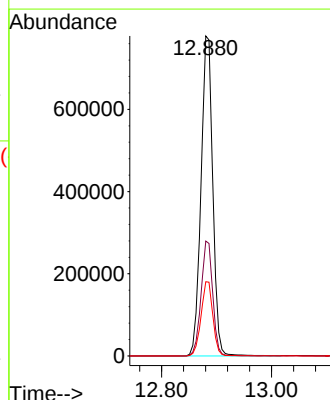
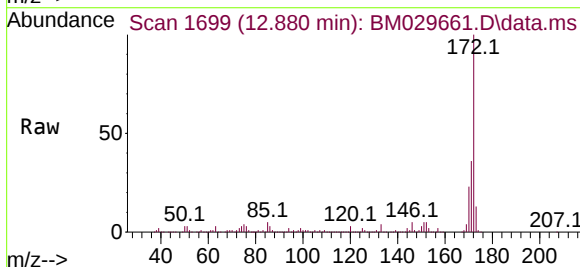
Instrument :
BNA_M
ClientSampleId :
CS-1

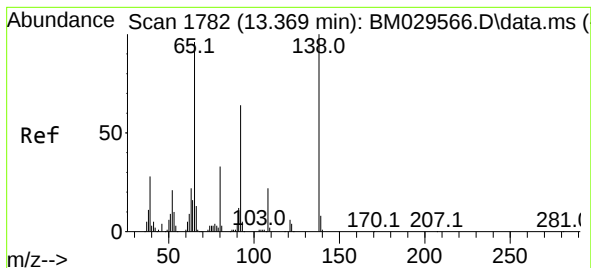
Tgt Ion:330 Resp: 346835
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 33.2 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 110.85 ng
RT: 12.880 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM029661.D
Acq: 26 Apr 2021 22:02

Tgt Ion:172 Resp: 1160264
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.2 18.4 27.6

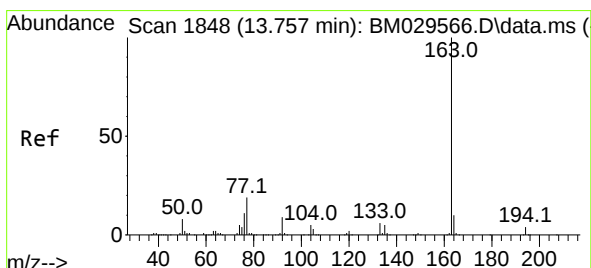
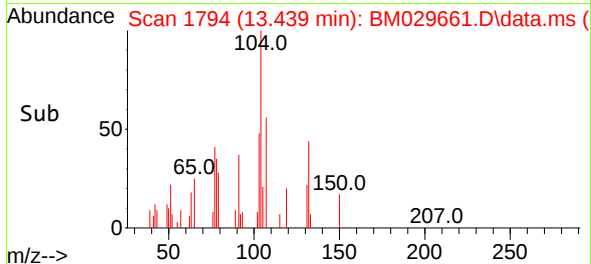
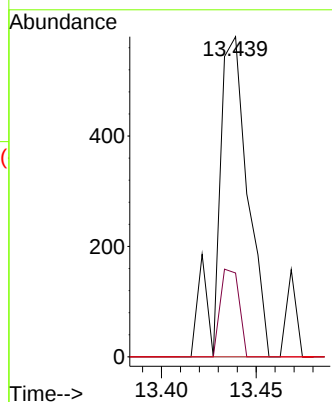
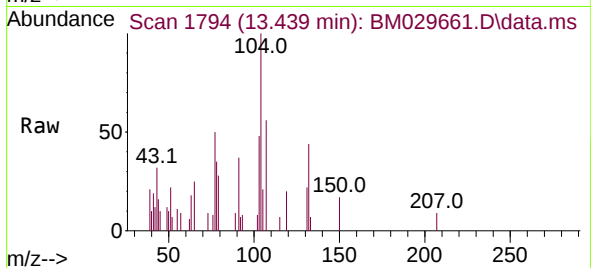




#48
2-Nitroaniline
Concen: 3.12 ng
RT: 13.439 min Scan# 1794
Delta R.T. 0.094 min
Lab File: BM029661.D
Acq: 26 Apr 2021 22:02

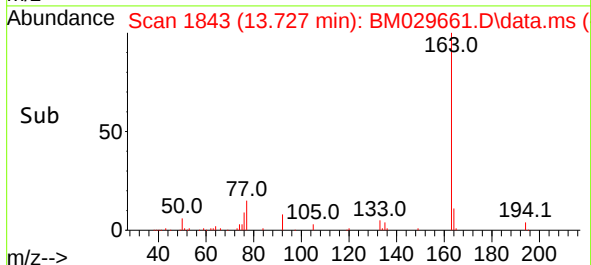
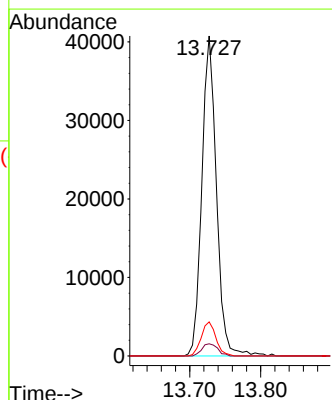
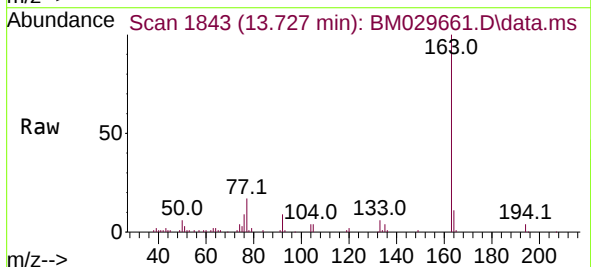
Instrument :
BNA_M
ClientSampled :
CS-1

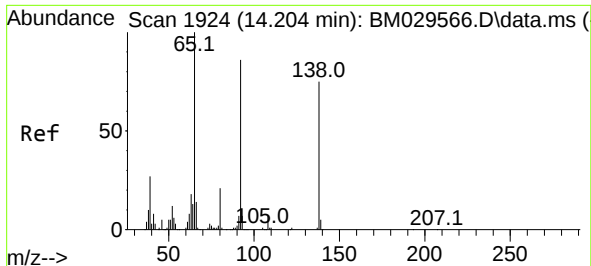
Tgt Ion: 65 Resp: 632
Ion Ratio Lower Upper
65 100
92 26.2 55.5 83.3#
138 0.0 85.7 128.5#



#50
Dimethylphthalate
Concen: 5.44 ng
RT: 13.727 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BM029661.D
Acq: 26 Apr 2021 22:02

Tgt Ion:163 Resp: 58399
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.7 7.9 11.9

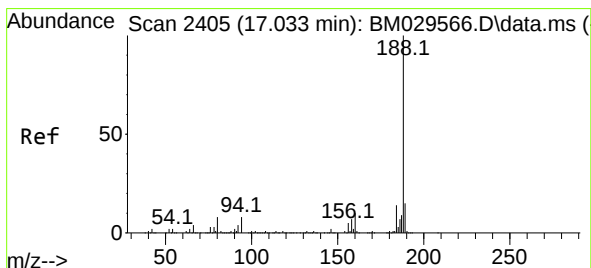
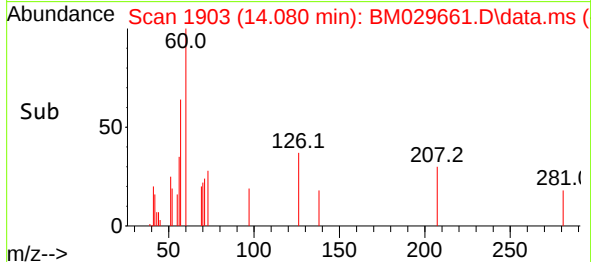
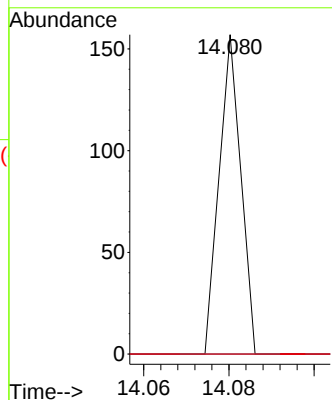
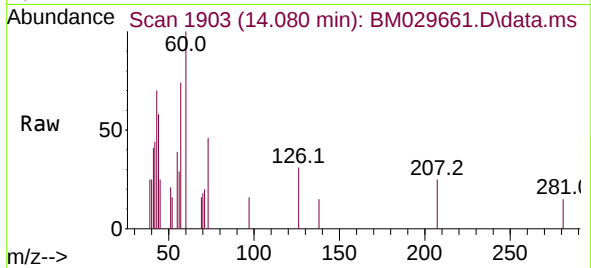




#53
3-Nitroaniline
Concen: 3.00 ng
RT: 14.080 min Scan# 1903
Delta R.T. -0.100 min
Lab File: BM029661.D
Acq: 26 Apr 2021 22:02

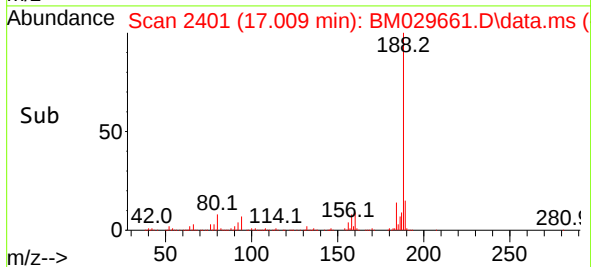
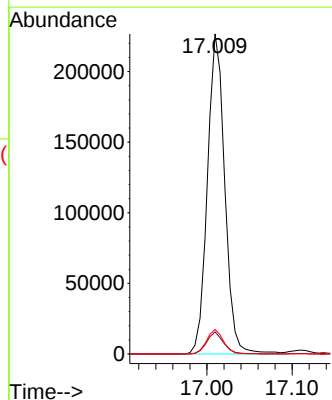
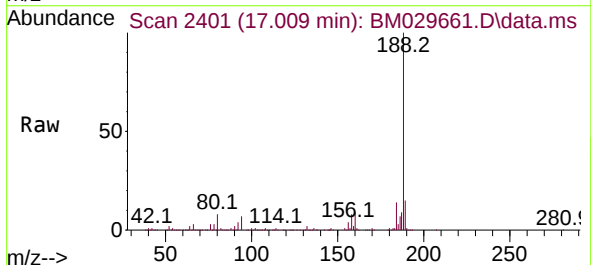
Instrument :
BNA_M
ClientSampled :
CS-1

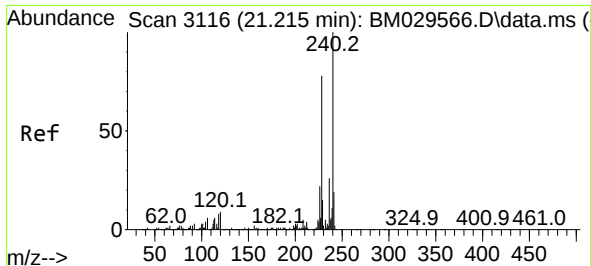
Tgt Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
108 0.0 7.7 11.5#
92 0.0 92.6 138.8#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.009 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BM029661.D
Acq: 26 Apr 2021 22:02

Tgt Ion:188 Resp: 320467
Ion Ratio Lower Upper
188 100
94 6.9 6.0 9.0
80 7.6 6.6 9.8

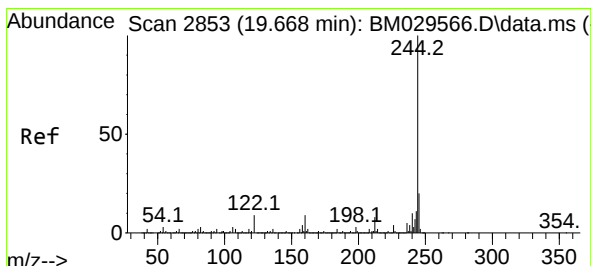
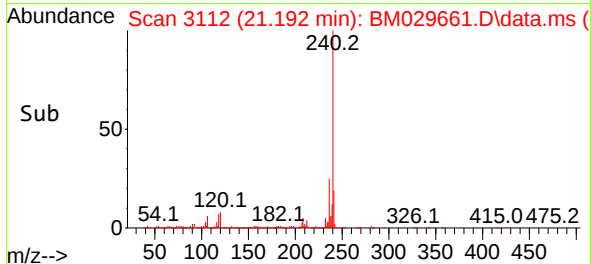
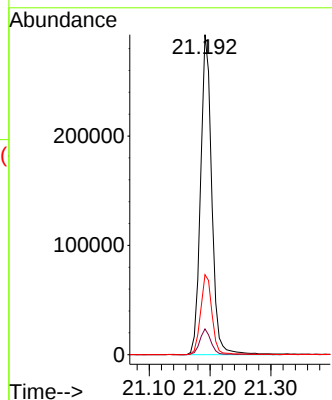
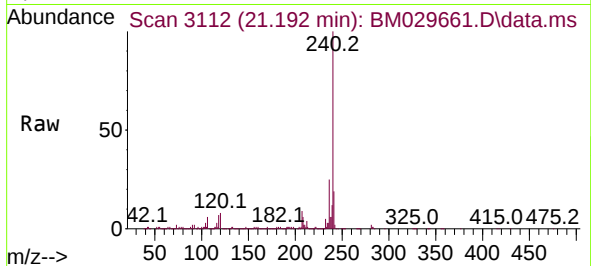




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM029661.D
Acq: 26 Apr 2021 22:02

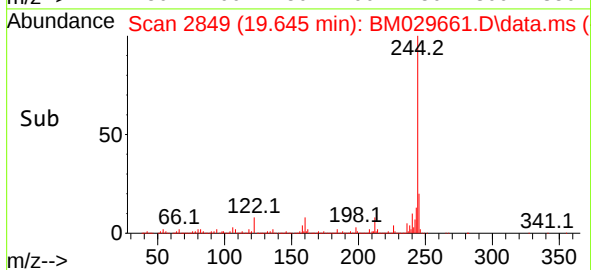
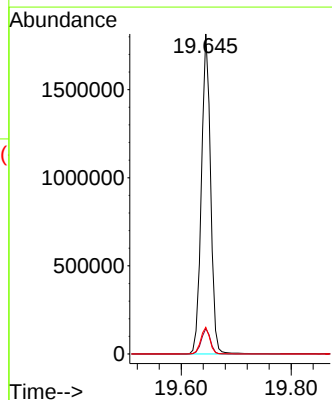
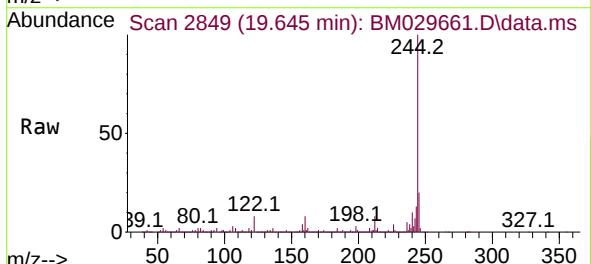
Instrument :
BNA_M
ClientSampleId :
CS-1

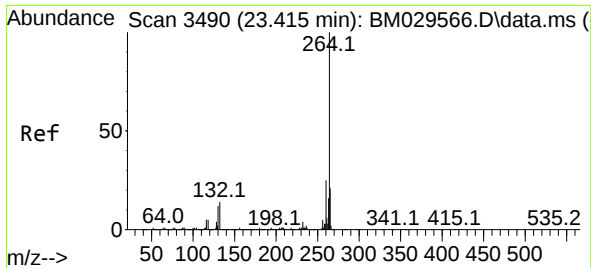
Tgt Ion:240 Resp: 371630
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 25.0 21.0 31.4



#79
Terphenyl-d14
Concen: 107.81 ng
RT: 19.645 min Scan# 2849
Delta R.T. -0.000 min
Lab File: BM029661.D
Acq: 26 Apr 2021 22:02

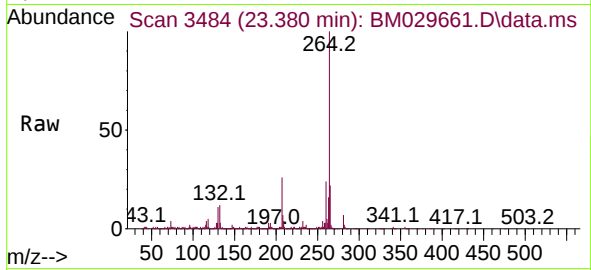
Tgt Ion:244 Resp: 2113226
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 8.3 6.9 10.3





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.380 min Scan# 3484
 Delta R.T. -0.000 min
 Lab File: BM029661.D
 Acq: 26 Apr 2021 22:02

Instrument :
 BNA_M
 ClientSampleId :
 CS-1



Tgt Ion:264 Resp: 398114

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.8
265	22.2	17.7	26.5

