

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042121\
 Data File : BM029589.D
 Acq On : 22 Apr 2021 05:05
 Operator : CG/JU
 Sample : M2114-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-1

Quant Time: Apr 22 05:46:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 21 15:14:18 2021
 Response via : Initial Calibration

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

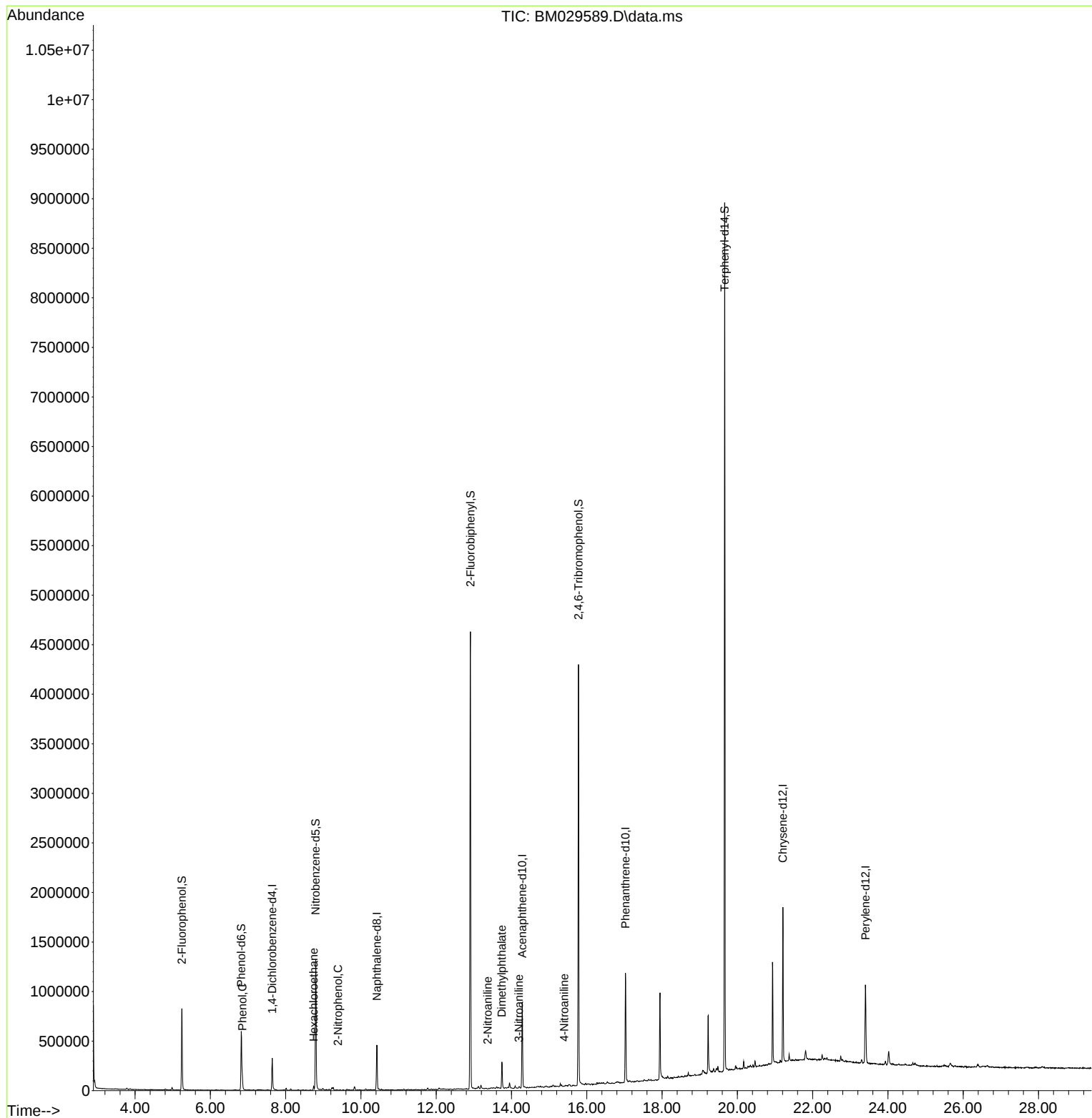
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	84267	20.00	ng	0.00
21) Naphthalene-d8	10.422	136	358541	20.00	ng	0.00
39) Acenaphthene-d10	14.286	164	279956	20.00	ng	0.00
64) Phenanthrene-d10	17.027	188	650449	20.00	ng	0.00
76) Chrysene-d12	21.209	240	662544	20.00	ng	0.00
86) Perylene-d12	23.403	264	538849	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	326367	77.65	ng	0.00
7) Phenol-d6	6.822	99	302768	48.23	ng	0.00
23) Nitrobenzene-d5	8.798	82	751421	107.94	ng	0.00
42) 2,4,6-Tribromophenol	15.780	330	689289	178.03	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	2277476	110.42	ng	0.00
79) Terphenyl-d14	19.662	244	3619389	103.57	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.851	94	63752	10.48	ng	100
18) Hexachloroethane	8.745	117	5117	2.30	ng	# 1
26) 2-Nitrophenol	9.386	139	58	3.21	ng	# 32
48) 2-Nitroaniline	13.369	65	111	2.88	ng	# 4
50) Dimethylphthalate	13.745	163	168513	7.96	ng	99
53) 3-Nitroaniline	14.198	138	322	3.05	ng	# 1
62) 4-Nitroaniline	15.404	138	336	3.52	ng	83

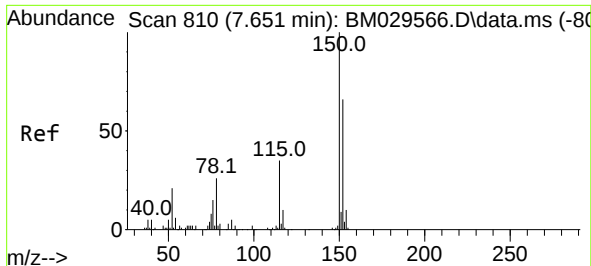
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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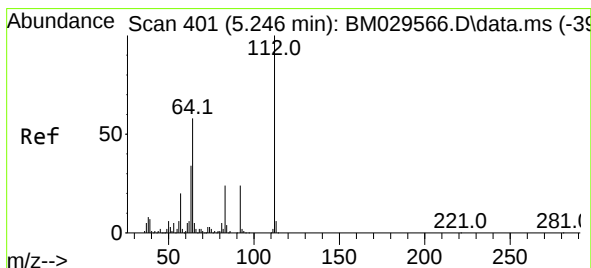
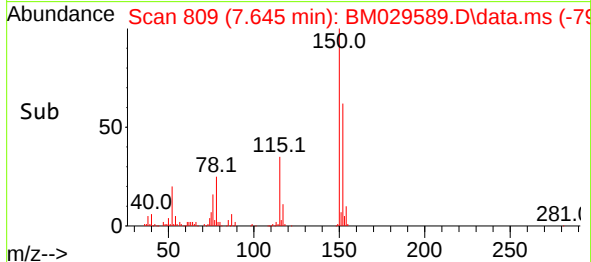
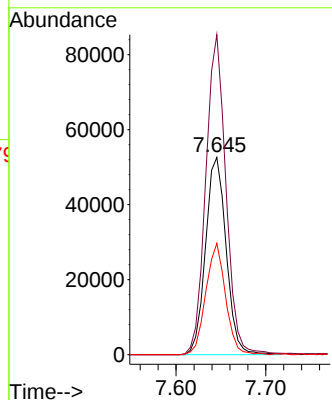
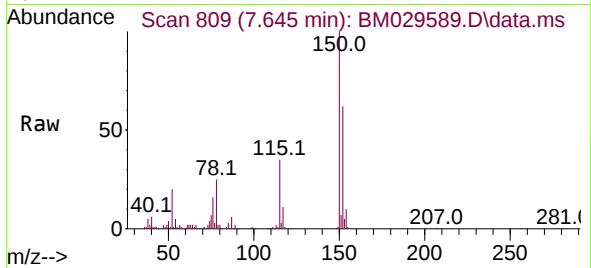




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.645 min Scan# 809
Delta R.T. -0.006 min
Lab File: BM029589.D
Acq: 22 Apr 2021 05:05

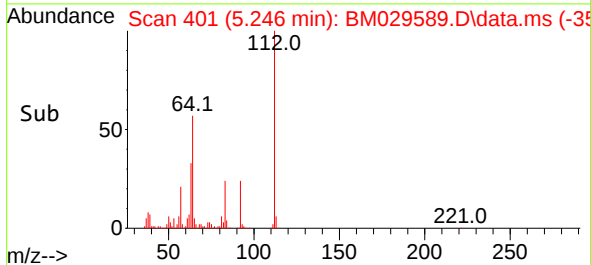
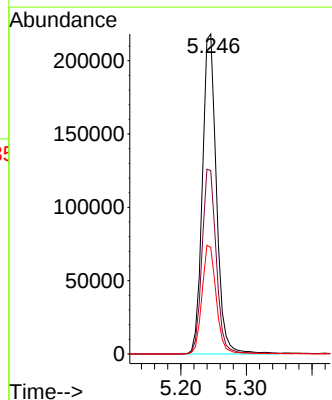
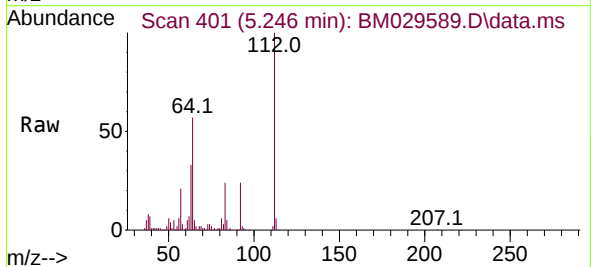
Instrument :
BNA_M
ClientSampleId :
GMW-1

Tgt Ion:152 Resp: 84267
Ion Ratio Lower Upper
152 100
150 162.2 125.9 188.9
115 56.4 44.6 67.0



#5
2-Fluorophenol
Concen: 77.65 ng
RT: 5.246 min Scan# 401
Delta R.T. 0.000 min
Lab File: BM029589.D
Acq: 22 Apr 2021 05:05

Tgt Ion:112 Resp: 326367
Ion Ratio Lower Upper
112 100
64 57.3 47.1 70.7
63 33.3 27.3 40.9

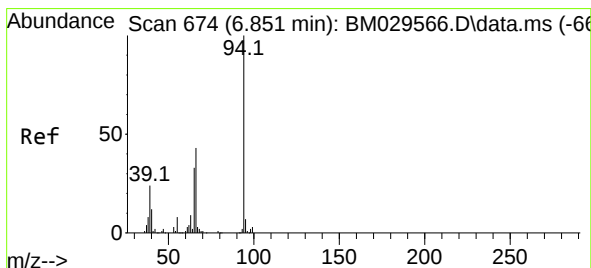
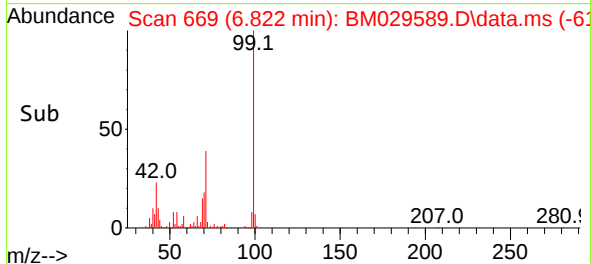
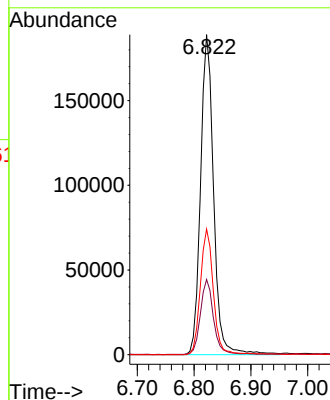
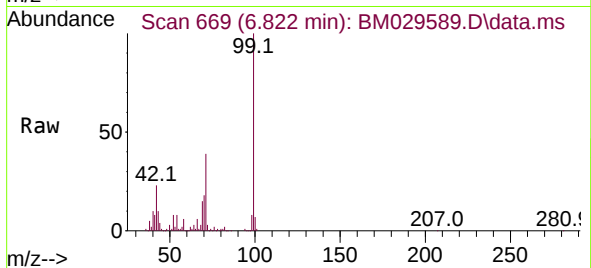




#7
Phenol-d6
Concen: 48.23 ng
RT: 6.822 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM029589.D
Acq: 22 Apr 2021 05:05

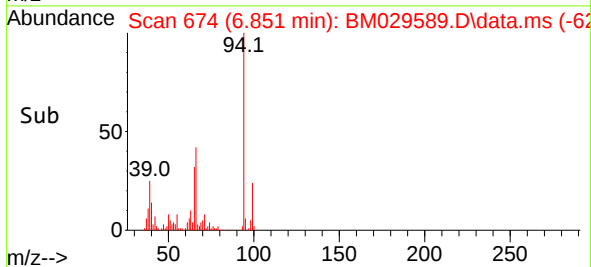
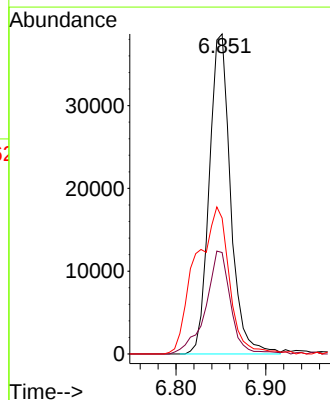
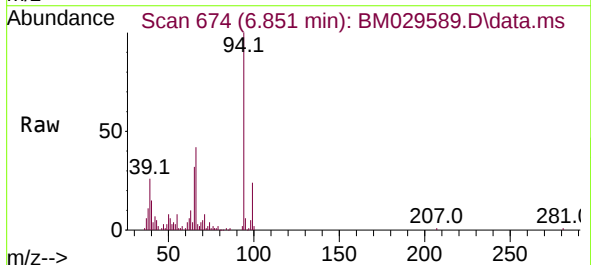
Instrument :
BNA_M
ClientSampleId :
GMW-1

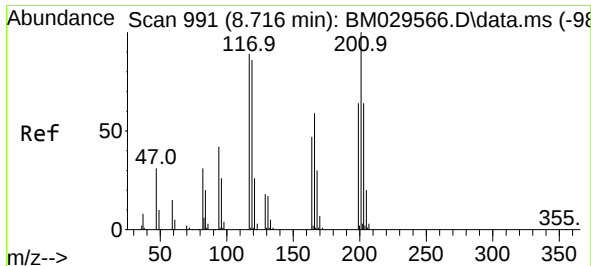
Tgt Ion: 99 Resp: 302768
Ion Ratio Lower Upper
99 100
42 23.5 18.0 27.0
71 39.2 30.9 46.3



#10
Phenol
Concen: 10.48 ng
RT: 6.851 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM029589.D
Acq: 22 Apr 2021 05:05

Tgt Ion: 94 Resp: 63752
Ion Ratio Lower Upper
94 100
65 31.7 11.9 51.9
66 42.4 22.6 62.6

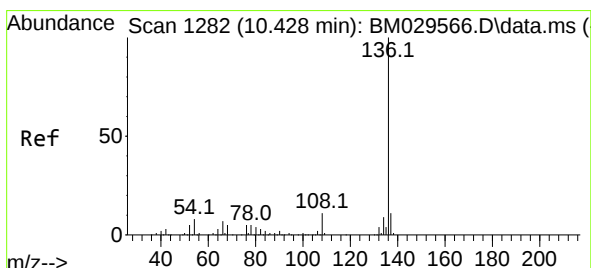
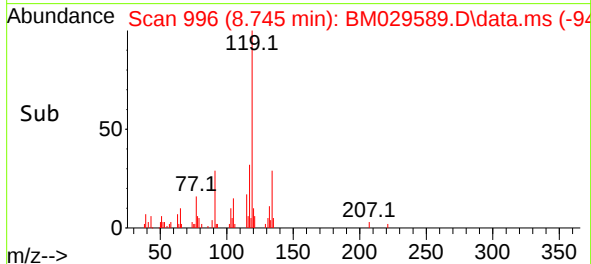
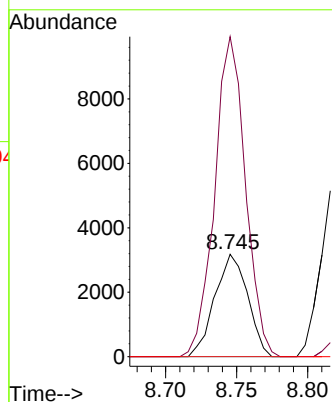
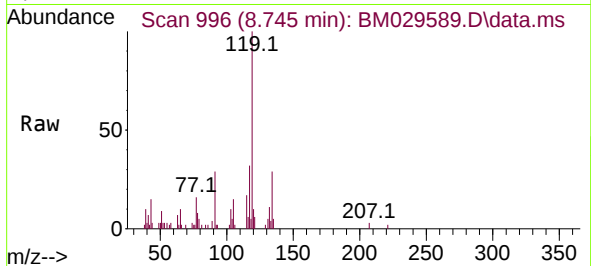




#18
Hexachloroethane
Concen: 2.30 ng
RT: 8.745 min Scan# 996
Delta R.T. 0.029 min
Lab File: BM029589.D
Acq: 22 Apr 2021 05:05

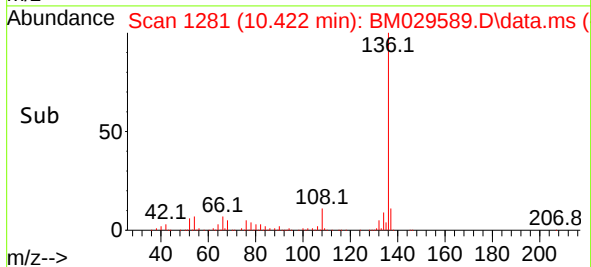
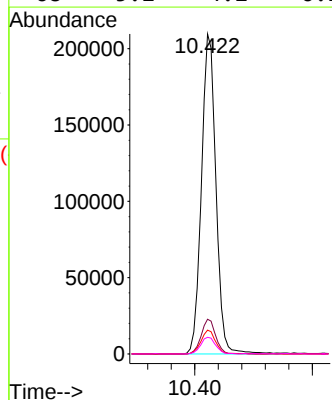
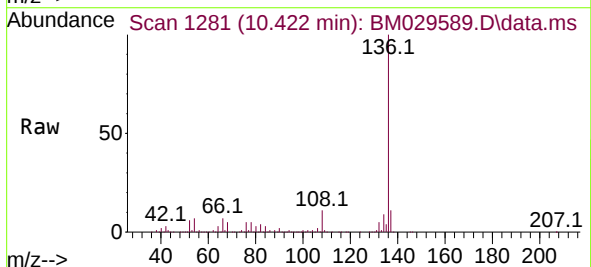
Instrument :
BNA_M
ClientSampleId :
GMW-1

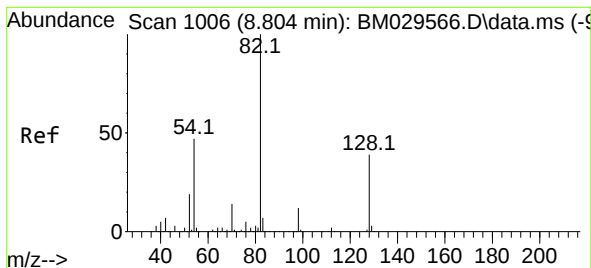
Tgt Ion:117 Resp: 5117
Ion Ratio Lower Upper
117 100
119 312.3 76.2 114.2#
201 0.0 89.8 134.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.422 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM029589.D
Acq: 22 Apr 2021 05:05

Tgt Ion:136 Resp: 358541
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.4 5.5 8.3
68 5.2 4.2 6.2

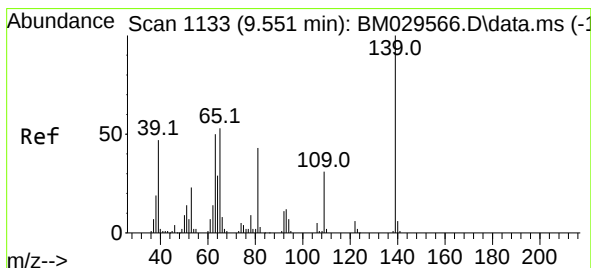
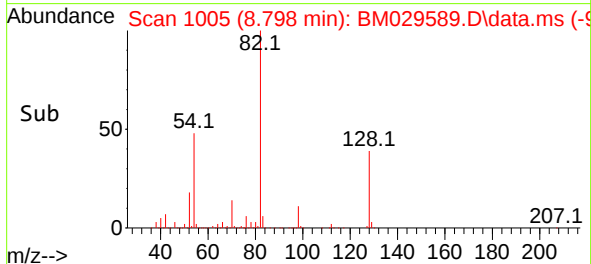
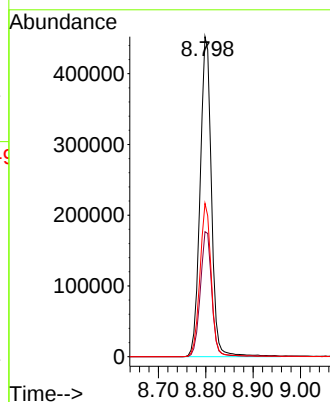
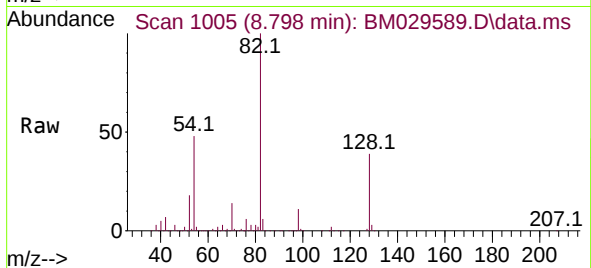




#23
Nitrobenzene-d5
Concen: 107.94 ng
RT: 8.798 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM029589.D
Acq: 22 Apr 2021 05:05

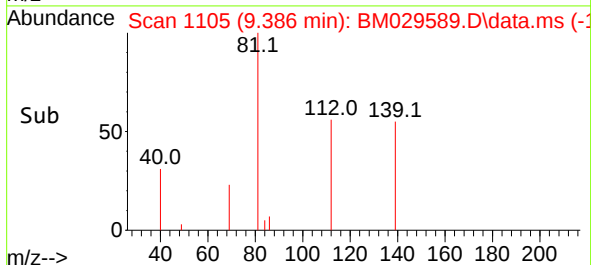
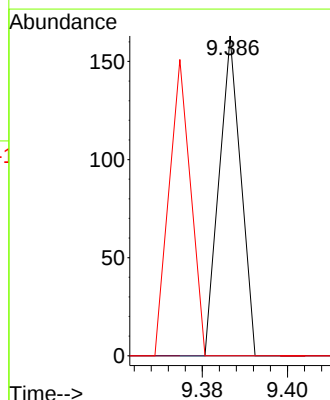
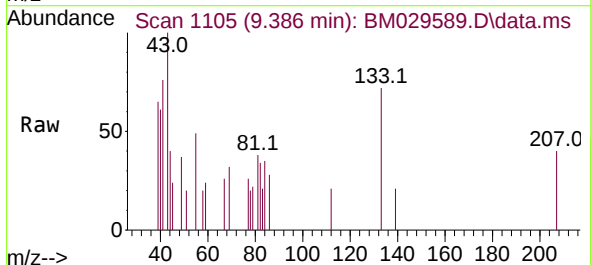
Instrument :
BNA_M
ClientSampleId :
GMW-1

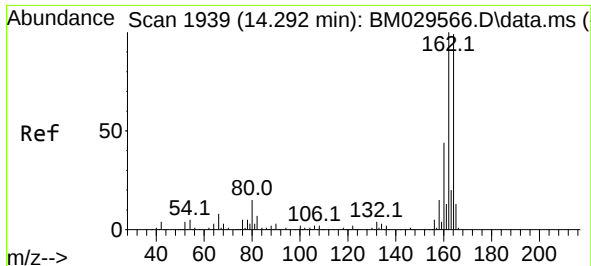
Tgt Ion: 82 Resp: 751421
Ion Ratio Lower Upper
82 100
128 39.0 31.1 46.7
54 47.9 37.3 55.9



#26
2-Nitrophenol
Concen: 3.21 ng
RT: 9.386 min Scan# 1105
Delta R.T. -0.165 min
Lab File: BM029589.D
Acq: 22 Apr 2021 05:05

Tgt Ion: 139 Resp: 58
Ion Ratio Lower Upper
139 100
109 0.0 26.7 40.1#
65 0.0 41.9 62.9#

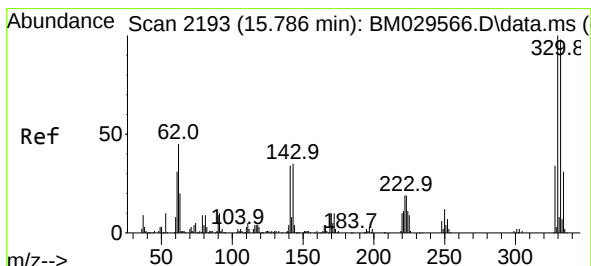
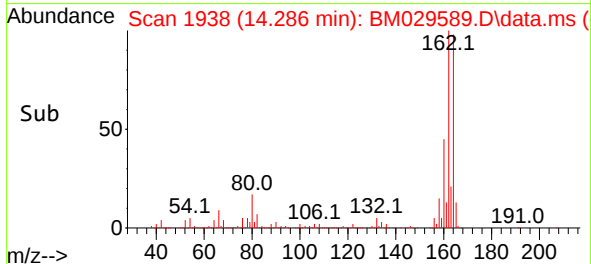
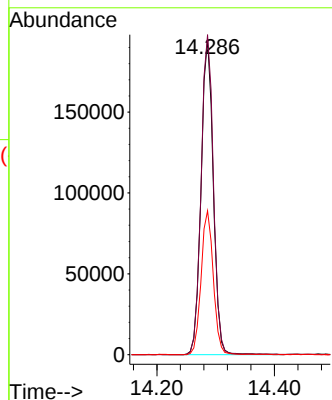
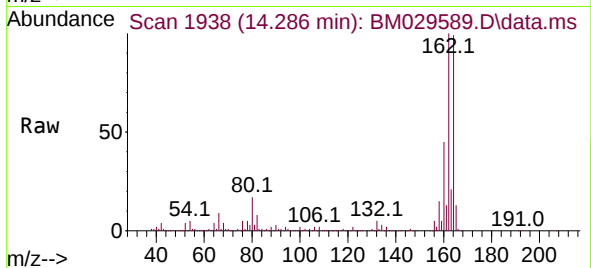




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.286 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM029589.D
Acq: 22 Apr 2021 05:05

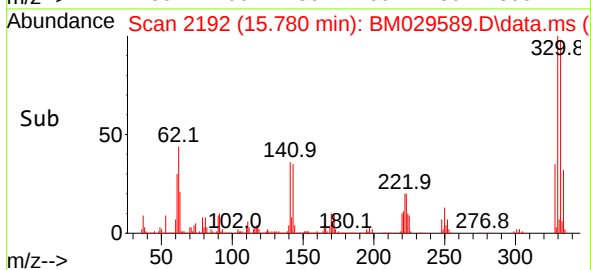
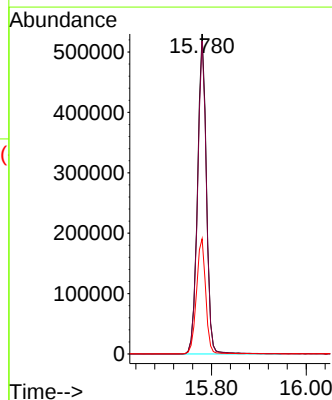
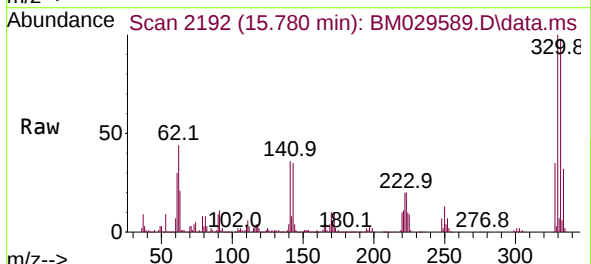
Instrument :
BNA_M
ClientSampleId :
GMW-1

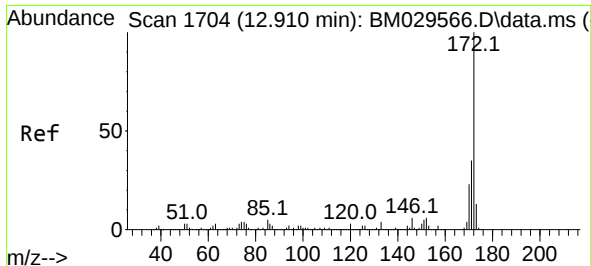
Tgt Ion:164 Resp: 279956
Ion Ratio Lower Upper
164 100
162 101.5 83.4 125.0
160 45.6 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 178.03 ng
RT: 15.780 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BM029589.D
Acq: 22 Apr 2021 05:05

Tgt Ion:330 Resp: 689289
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 37.2 30.2 45.2

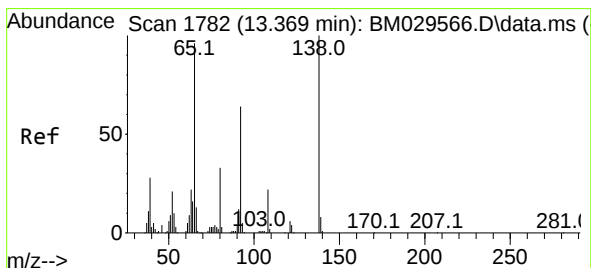
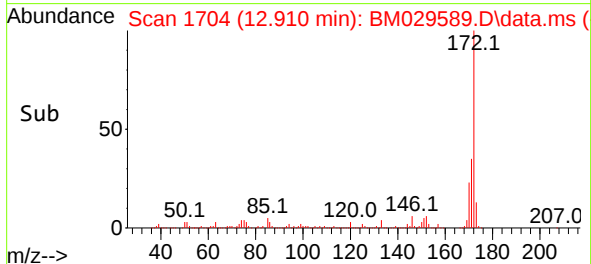
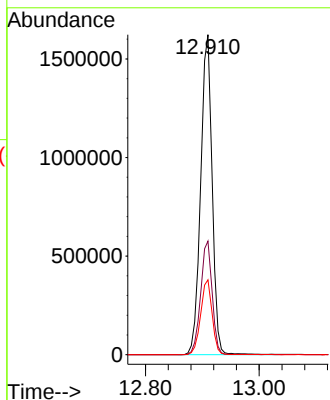
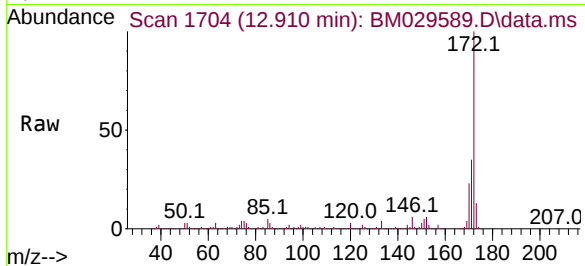




#45
2-Fluorobiphenyl
Concen: 110.42 ng
RT: 12.910 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BM029589.D
Acq: 22 Apr 2021 05:05

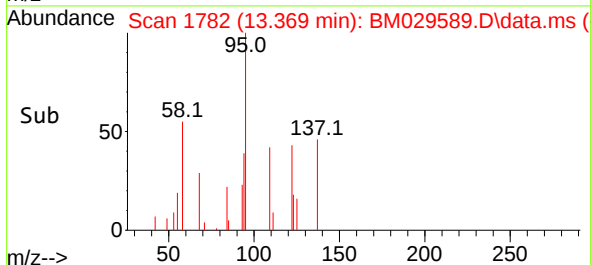
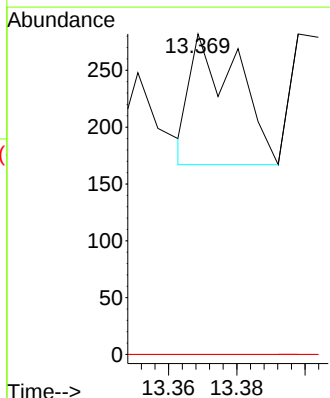
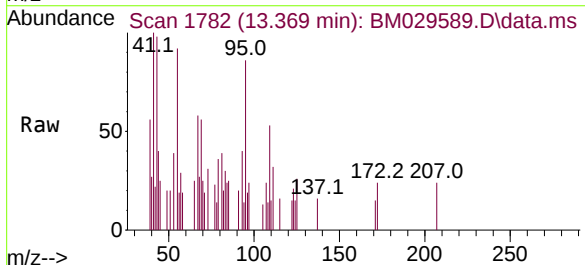
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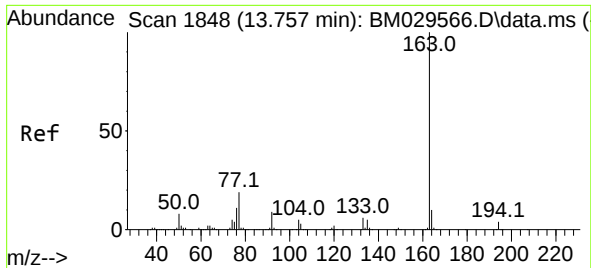
Tgt Ion:172 Resp: 2277476
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.4 18.4 27.6



#48
2-Nitroaniline
Concen: 2.88 ng
RT: 13.369 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BM029589.D
Acq: 22 Apr 2021 05:05

Tgt Ion: 65 Resp: 111
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#

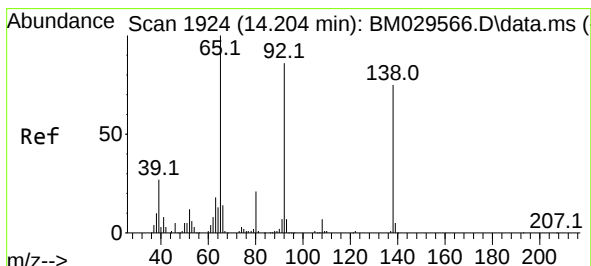
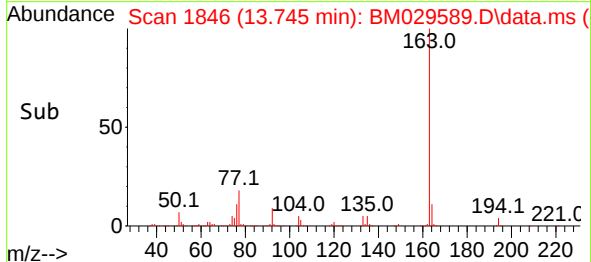
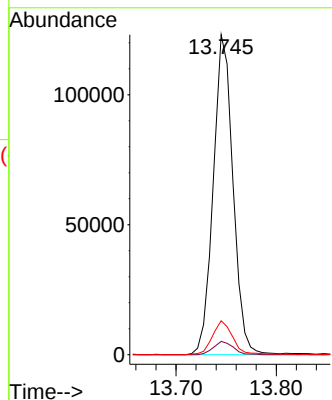
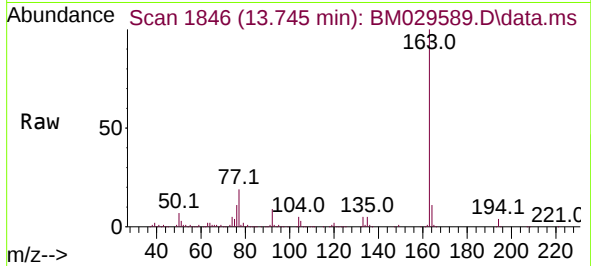




#50
Dimethylphthalate
Concen: 7.96 ng
RT: 13.745 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BM029589.D
Acq: 22 Apr 2021 05:05

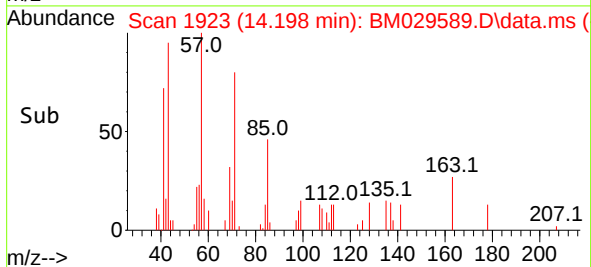
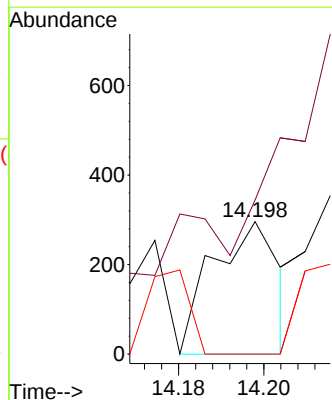
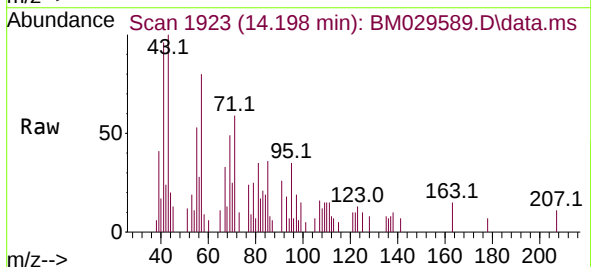
Instrument :
BNA_M
ClientSampled :
GMW-1

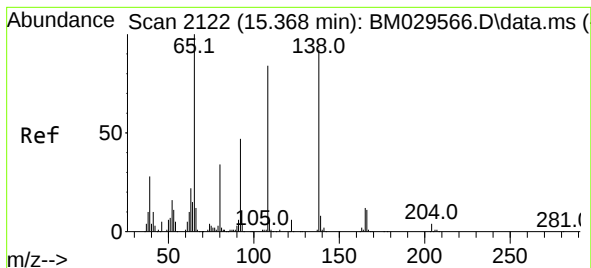
Tgt Ion:163 Resp: 168513
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.6 7.9 11.9



#53
3-Nitroaniline
Concen: 3.05 ng
RT: 14.198 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BM029589.D
Acq: 22 Apr 2021 05:05

Tgt Ion:138 Resp: 322
Ion Ratio Lower Upper
138 100
108 116.2 7.7 11.5#
92 0.0 92.6 138.8#

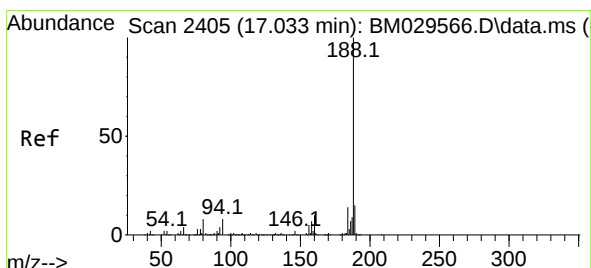
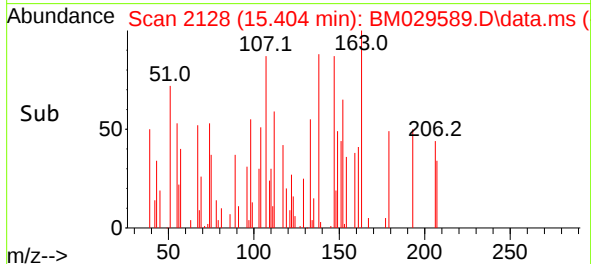
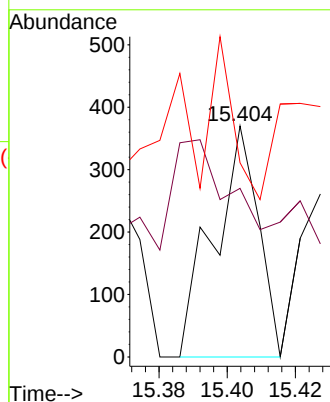
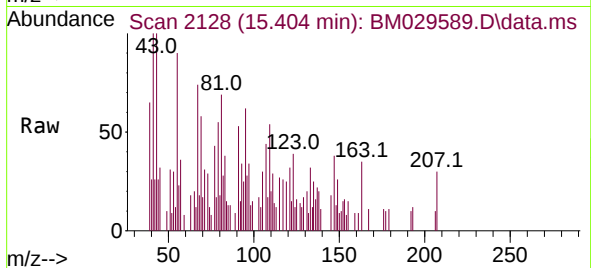




#62
4-Nitroaniline
Concen: 3.52 ng
RT: 15.404 min Scan# 2128
Delta R.T. 0.036 min
Lab File: BM029589.D
Acq: 22 Apr 2021 05:05

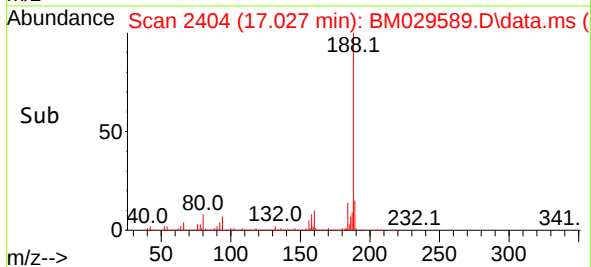
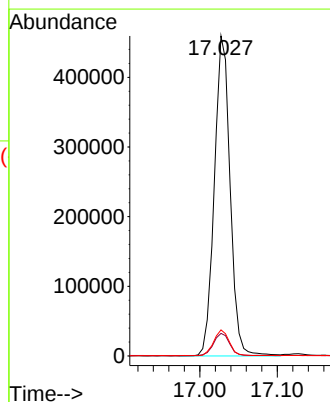
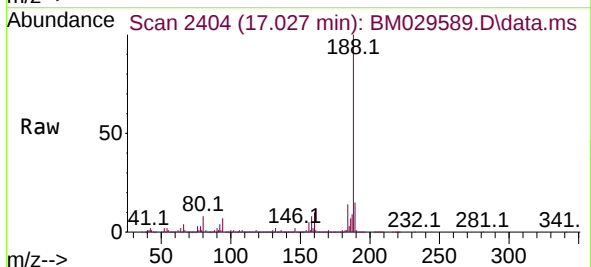
Instrument :
BNA_M
ClientSampled :
GMW-1

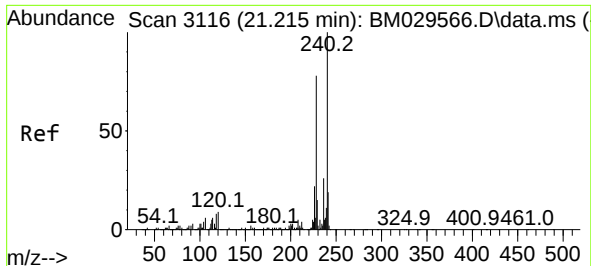
Tgt Ion:138 Resp: 336
Ion Ratio Lower Upper
138 100
92 73.0 33.4 73.4
108 84.1 75.5 115.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.027 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM029589.D
Acq: 22 Apr 2021 05:05

Tgt Ion:188 Resp: 650449
Ion Ratio Lower Upper
188 100
94 7.1 6.0 9.0
80 8.2 6.6 9.8

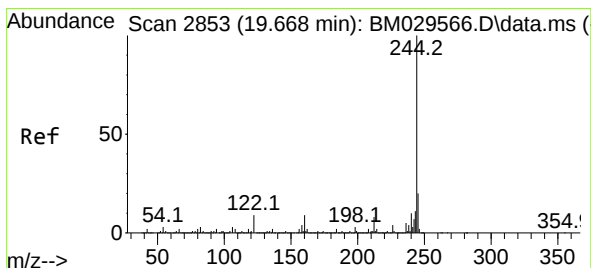
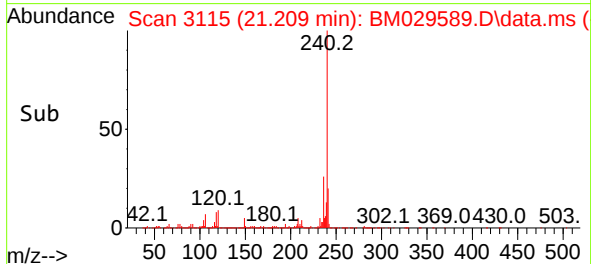
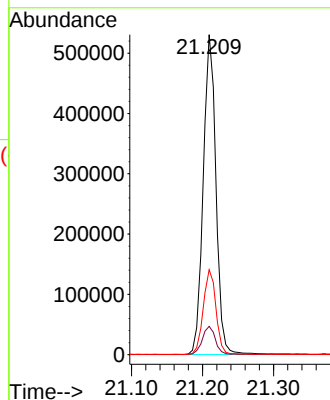
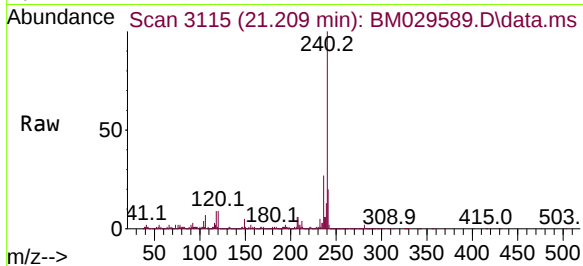




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM029589.D
Acq: 22 Apr 2021 05:05

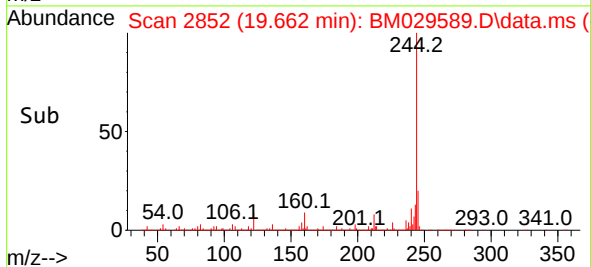
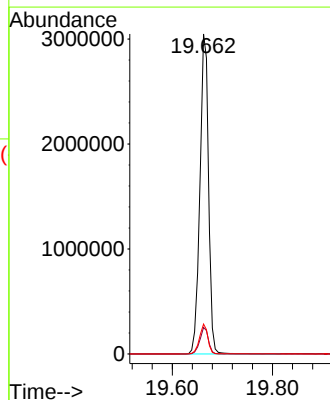
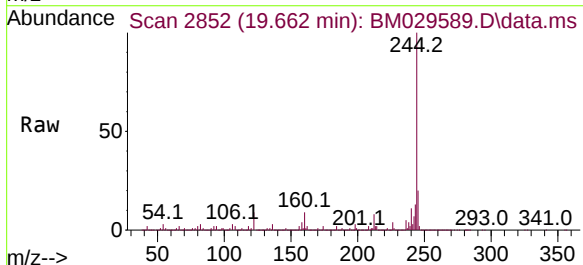
Instrument :
BNA_M
ClientSampleId :
GMW-1

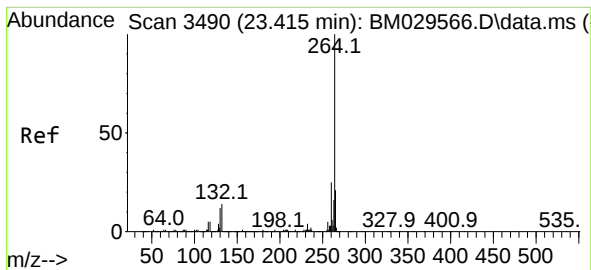
Tgt Ion:240 Resp: 662544
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 26.6 21.0 31.4



#79
Terphenyl-d14
Concen: 103.57 ng
RT: 19.662 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM029589.D
Acq: 22 Apr 2021 05:05

Tgt Ion:244 Resp: 3619389
Ion Ratio Lower Upper
244 100
212 8.3 6.3 9.5
122 9.3 6.9 10.3





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.403 min Scan# 3488
 Delta R.T. -0.012 min
 Lab File: BM029589.D
 Acq: 22 Apr 2021 05:05

Instrument :
 BNA_M
 ClientSampleId :
 GMW-1

Tgt Ion:264 Resp: 538849
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.8 29.8
 265 22.0 17.7 26.5

