

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042121\
 Data File : BM029588.D
 Acq On : 22 Apr 2021 04:29
 Operator : CG/JU
 Sample : M2114-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-7

Quant Time: Apr 22 05:46:17 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)

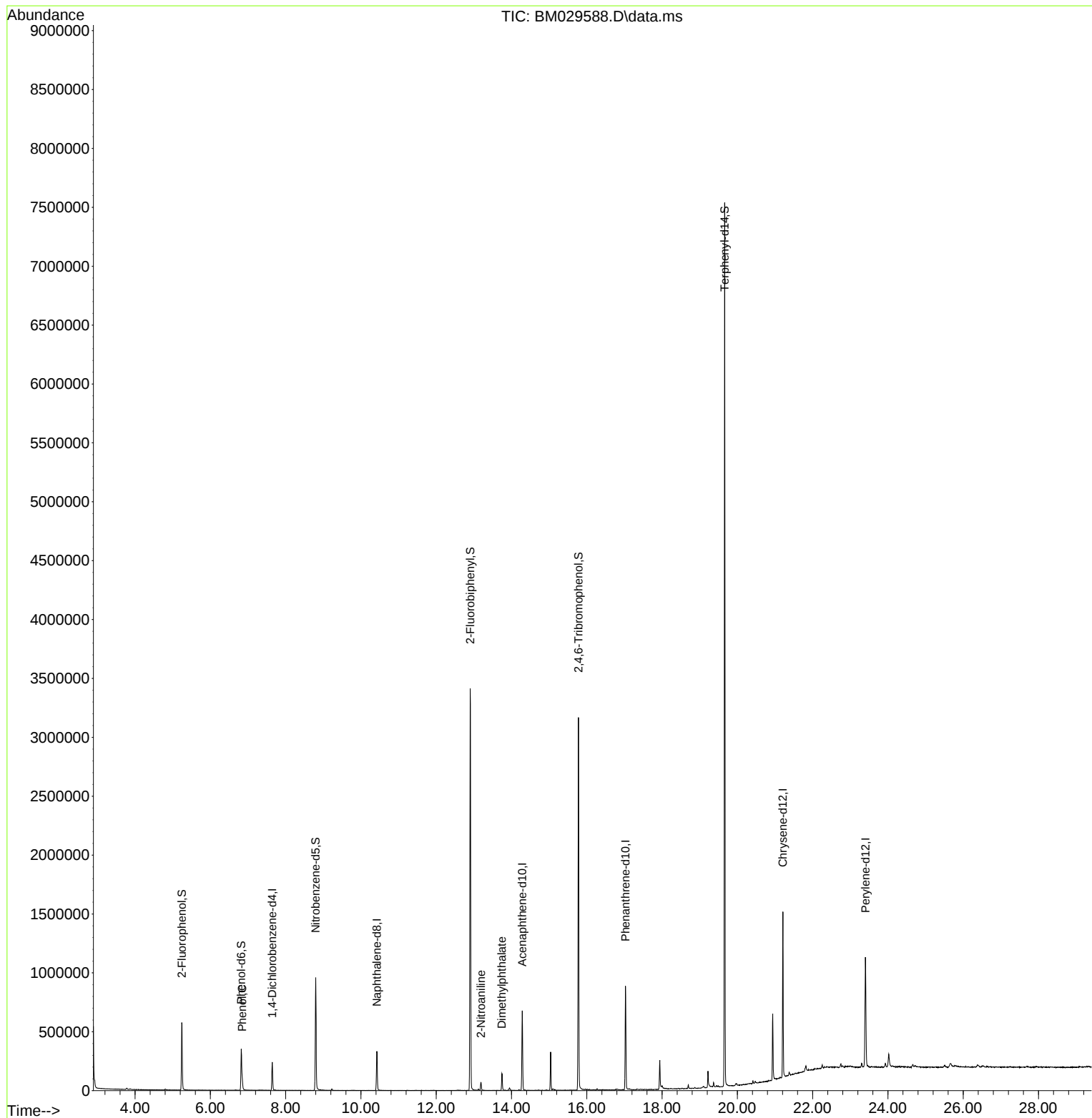
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	65713	20.00	ng	0.00
21) Naphthalene-d8	10.422	136	271166	20.00	ng	0.00
39) Acenaphthene-d10	14.286	164	216350	20.00	ng	0.00
64) Phenanthrene-d10	17.027	188	515204	20.00	ng	0.00
76) Chrysene-d12	21.209	240	602783	20.00	ng	0.00
86) Perylene-d12	23.403	264	629707	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	232176	70.83	ng	0.00
7) Phenol-d6	6.822	99	183543	37.49	ng	0.00
23) Nitrobenzene-d5	8.798	82	542665	103.07	ng	0.00
42) 2,4,6-Tribromophenol	15.780	330	518607	173.33	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1710898	107.33	ng	0.00
79) Terphenyl-d14	19.662	244	3009128	94.64	ng	0.00
Target Compounds						
10) Phenol	6.845	94	39186	8.26	ng	Qvalue 90
48) 2-Nitroaniline	13.192	65	1586	3.28	ng	# 4
50) Dimethylphthalate	13.745	163	94519	5.78	ng	99

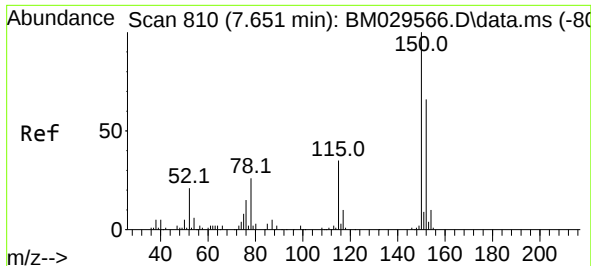
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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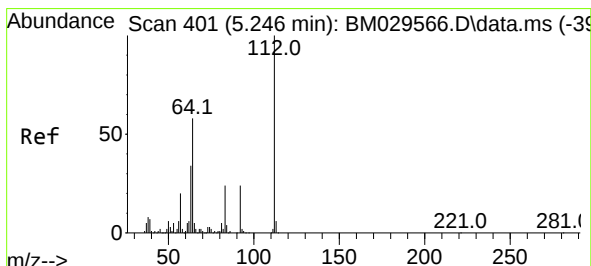
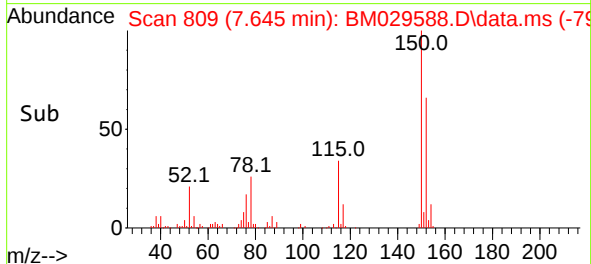
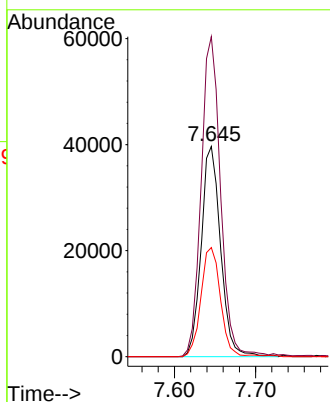
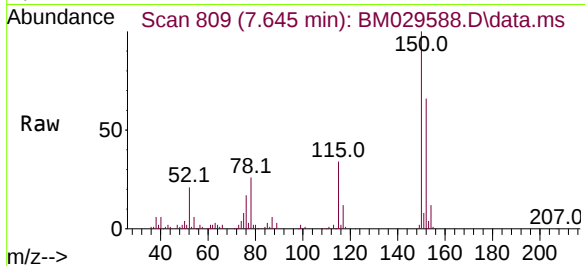




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.645 min Scan# 809
Delta R.T. -0.006 min
Lab File: BM029588.D
Acq: 22 Apr 2021 04:29

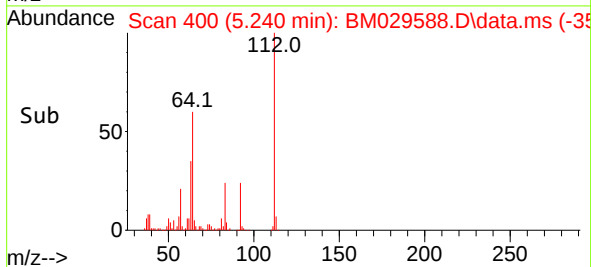
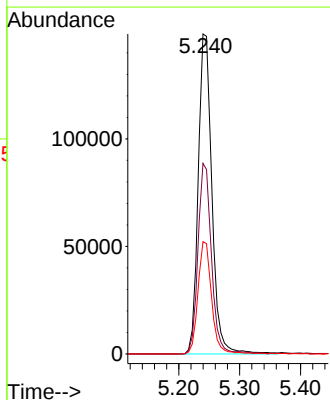
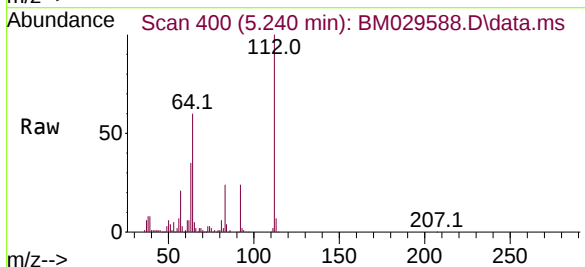
Instrument :
BNA_M
ClientSampleId :
GMW-7

Tgt Ion:152 Resp: 65713
Ion Ratio Lower Upper
152 100
150 152.2 125.9 188.9
115 51.9 44.6 67.0



#5
2-Fluorophenol
Concen: 70.83 ng
RT: 5.240 min Scan# 400
Delta R.T. -0.006 min
Lab File: BM029588.D
Acq: 22 Apr 2021 04:29

Tgt Ion:112 Resp: 232176
Ion Ratio Lower Upper
112 100
64 59.6 47.1 70.7
63 35.1 27.3 40.9

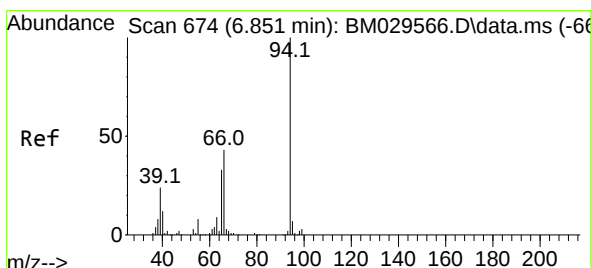
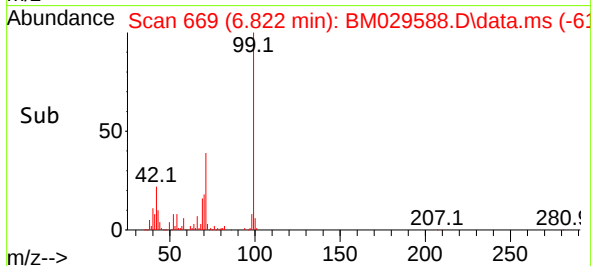
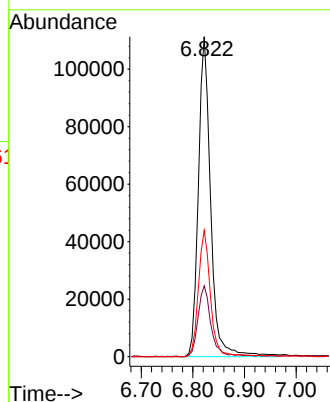
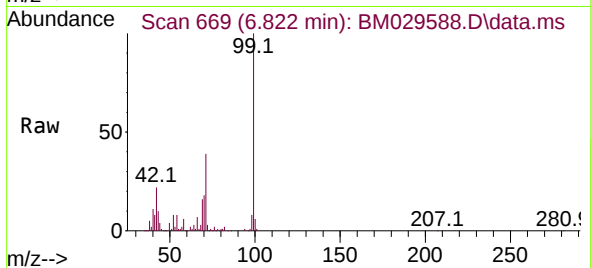




#7
Phenol-d6
Concen: 37.49 ng
RT: 6.822 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM029588.D
Acq: 22 Apr 2021 04:29

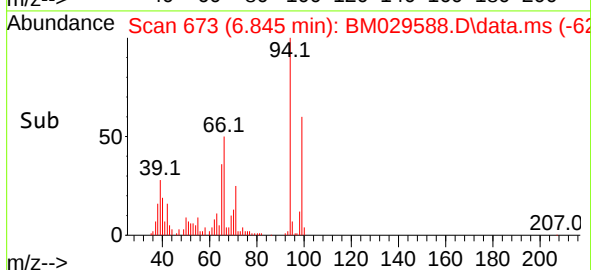
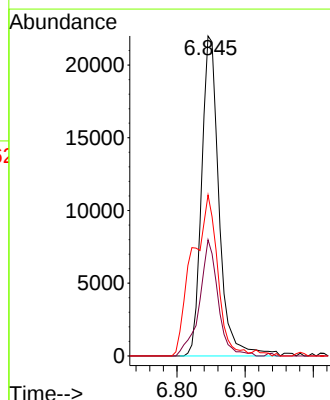
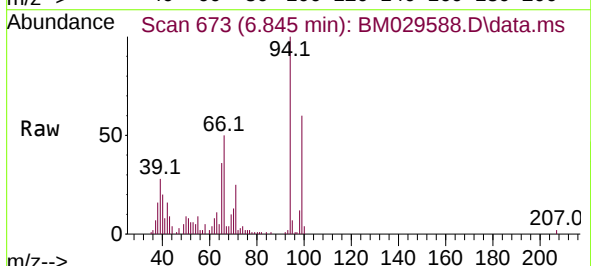
Instrument :
BNA_M
ClientSampleId :
GMW-7

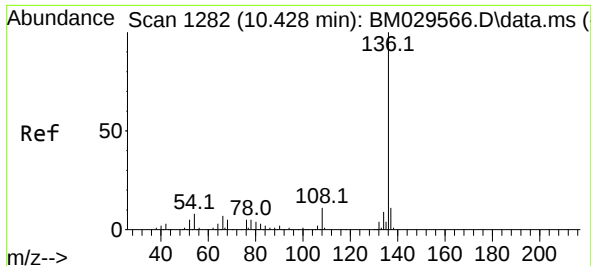
Tgt Ion: 99 Resp: 183543
Ion Ratio Lower Upper
99 100
42 22.1 18.0 27.0
71 39.4 30.9 46.3



#10
Phenol
Concen: 8.26 ng
RT: 6.845 min Scan# 673
Delta R.T. -0.006 min
Lab File: BM029588.D
Acq: 22 Apr 2021 04:29

Tgt Ion: 94 Resp: 39186
Ion Ratio Lower Upper
94 100
65 36.3 11.9 51.9
66 50.3 22.6 62.6

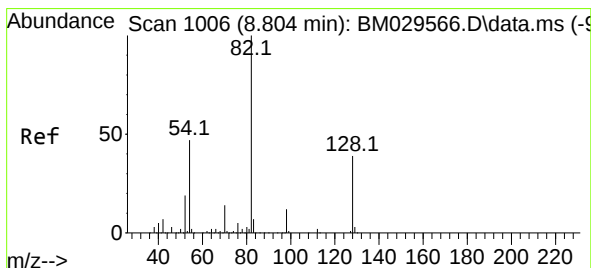
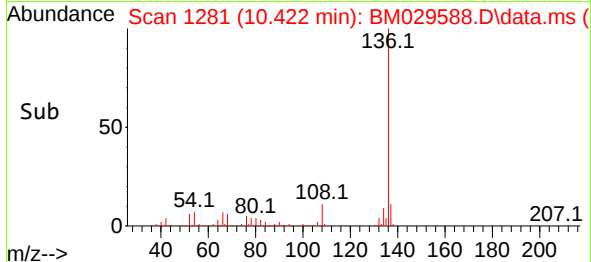
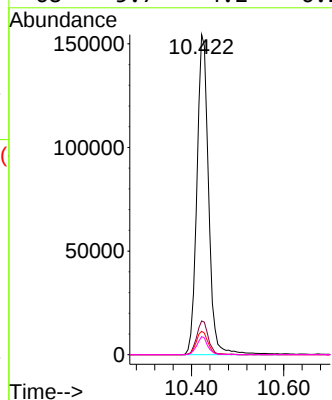
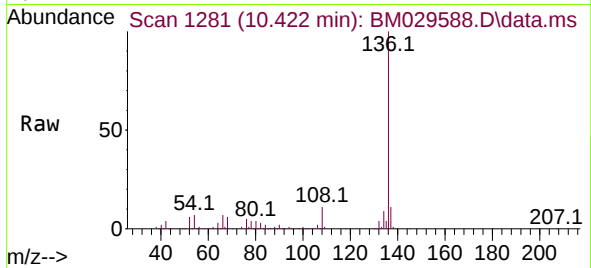




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.422 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM029588.D
Acq: 22 Apr 2021 04:29

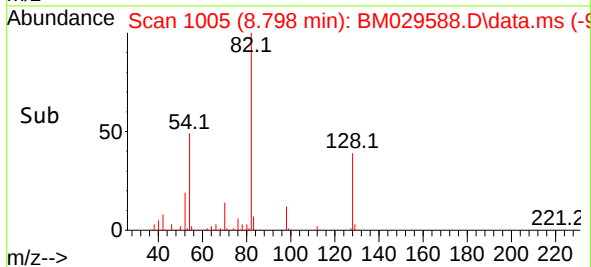
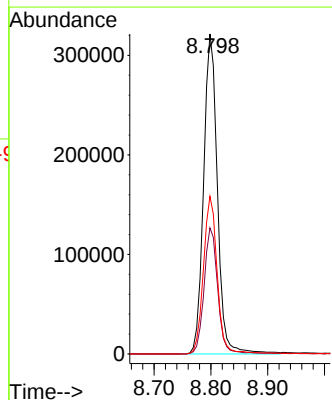
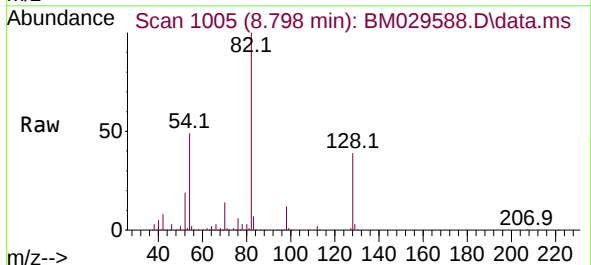
Instrument :
BNA_M
ClientSampleId :
GMW-7

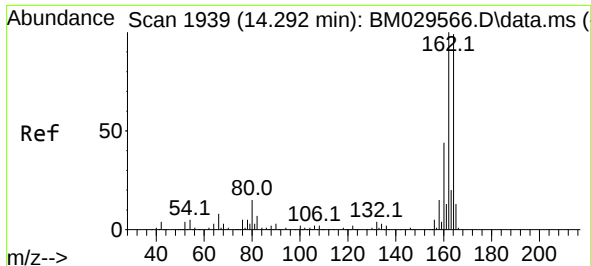
Tgt Ion:136	Resp:	271166
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.4 12.6
54	7.3	5.5 8.3
68	5.7	4.2 6.2



#23
Nitrobenzene-d5
Concen: 103.07 ng
RT: 8.798 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM029588.D
Acq: 22 Apr 2021 04:29

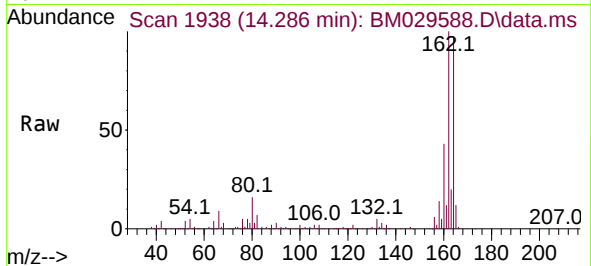
Tgt Ion: 82	Resp:	542665
Ion Ratio	Lower	Upper
82	100	
128	39.4	31.1 46.7
54	49.2	37.3 55.9



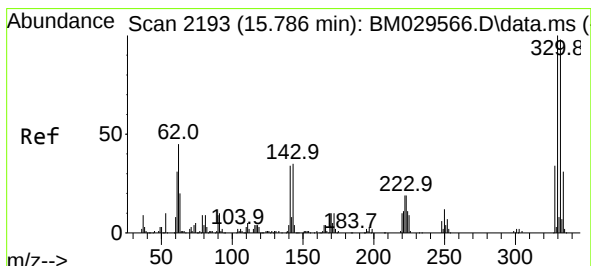
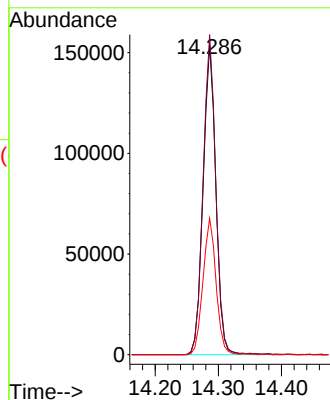
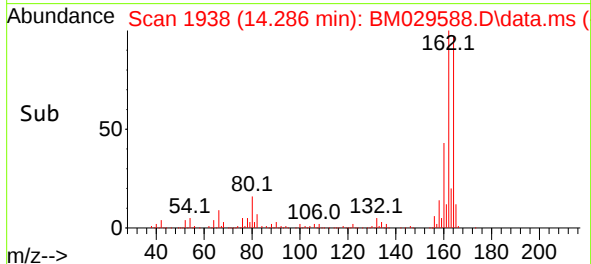


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.286 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM029588.D
Acq: 22 Apr 2021 04:29

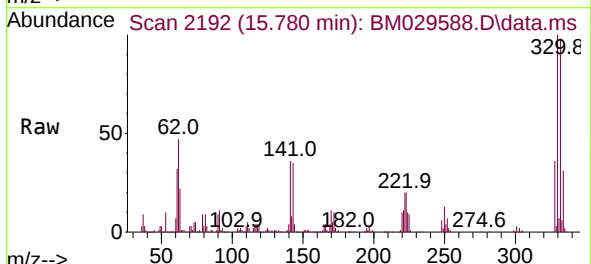
Instrument :
BNA_M
ClientSampleId :
GMW-7



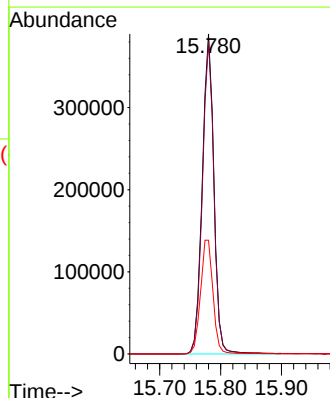
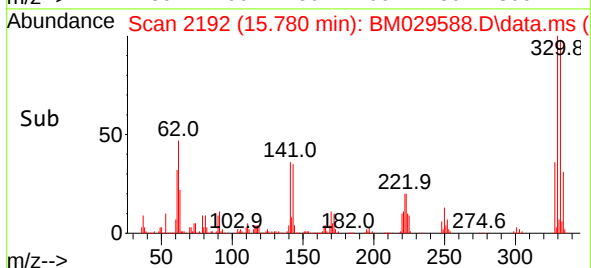
Tgt Ion:164 Resp: 216350
Ion Ratio Lower Upper
164 100
162 103.4 83.4 125.0
160 44.1 37.2 55.8

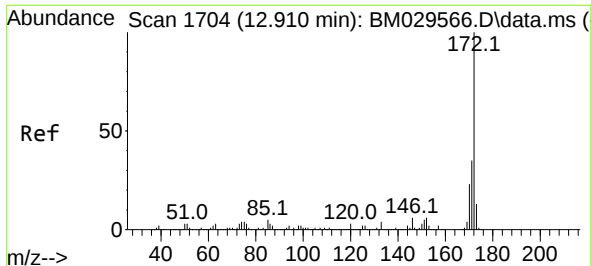


#42
2,4,6-Tribromophenol
Concen: 173.33 ng
RT: 15.780 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BM029588.D
Acq: 22 Apr 2021 04:29



Tgt Ion:330 Resp: 518607
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 38.3 30.2 45.2

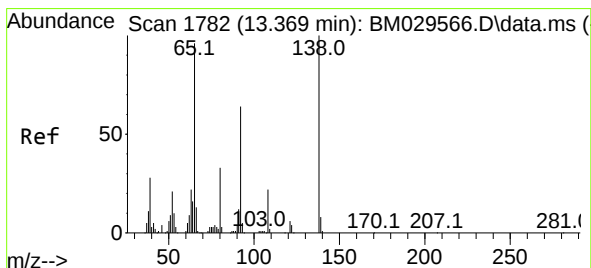
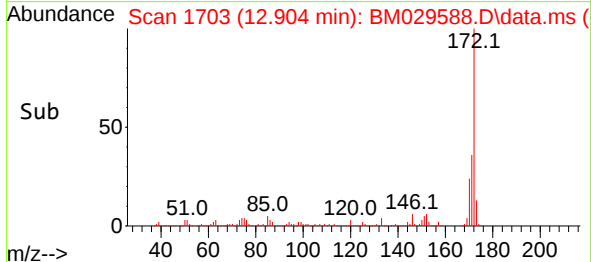
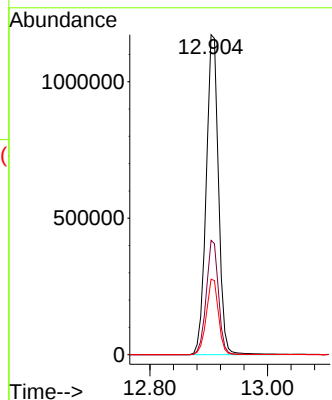
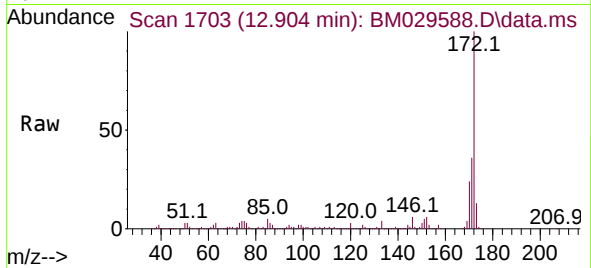




#45
2-Fluorobiphenyl
Concen: 107.33 ng
RT: 12.904 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM029588.D
Acq: 22 Apr 2021 04:29

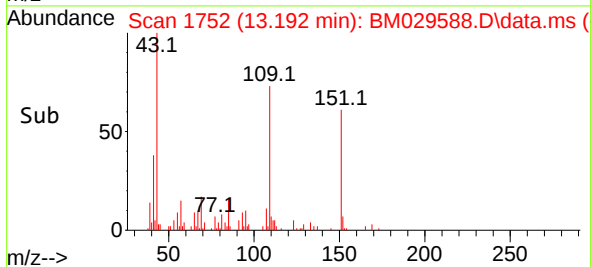
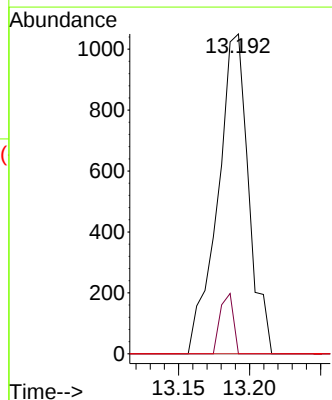
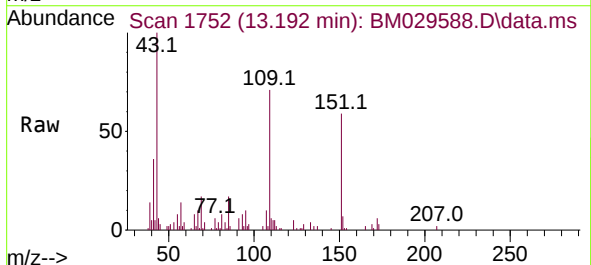
Instrument :
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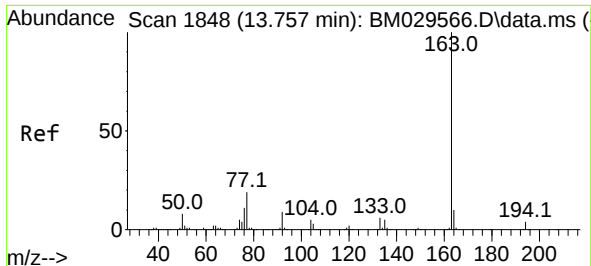
Tgt Ion:172 Resp: 1710898
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.6 18.4 27.6



#48
2-Nitroaniline
Concen: 3.28 ng
RT: 13.192 min Scan# 1752
Delta R.T. -0.177 min
Lab File: BM029588.D
Acq: 22 Apr 2021 04:29

Tgt Ion: 65 Resp: 1586
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#

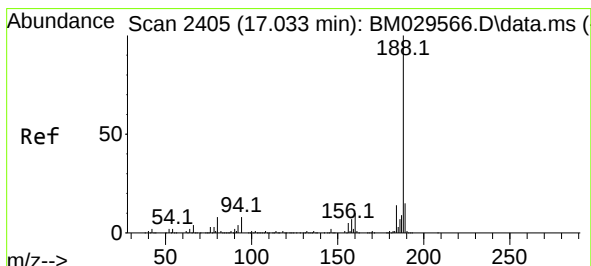
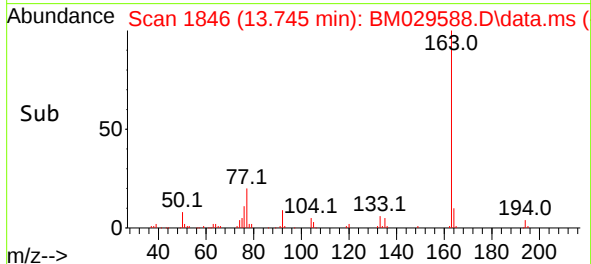
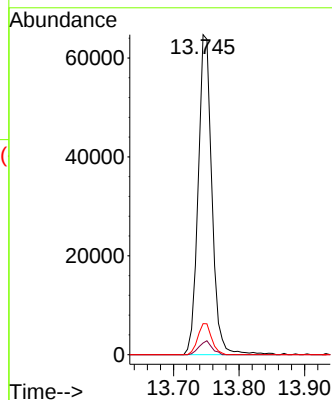
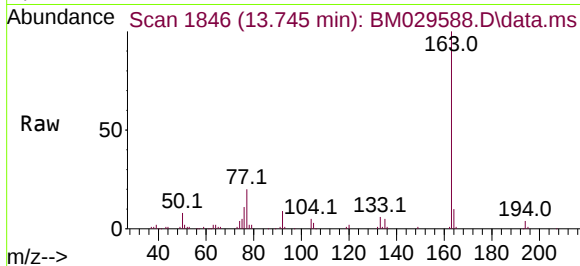




#50
Dimethylphthalate
Concen: 5.78 ng
RT: 13.745 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BM029588.D
Acq: 22 Apr 2021 04:29

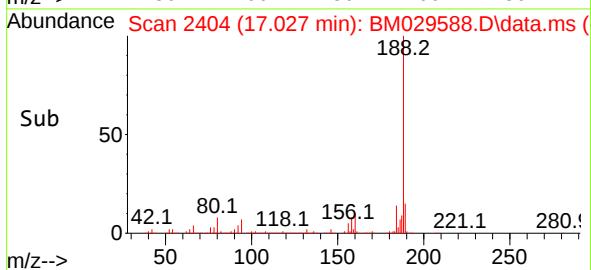
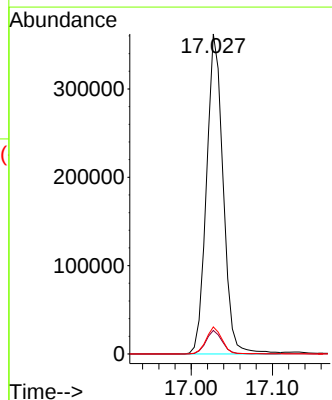
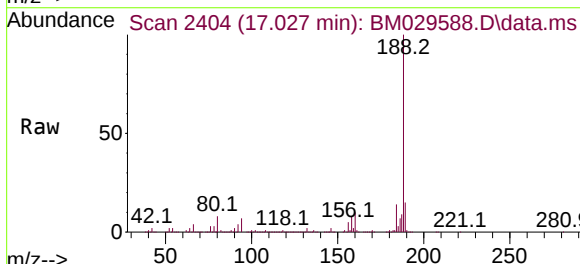
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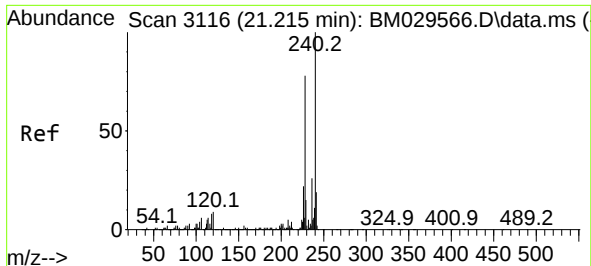
Tgt Ion:163 Resp: 94519
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 9.7 7.9 11.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.027 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM029588.D
Acq: 22 Apr 2021 04:29

Tgt Ion:188 Resp: 515204
Ion Ratio Lower Upper
188 100
94 7.4 6.0 9.0
80 8.4 6.6 9.8

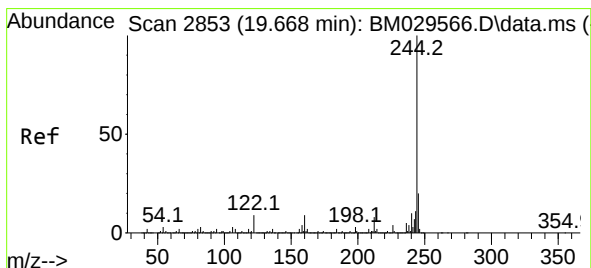
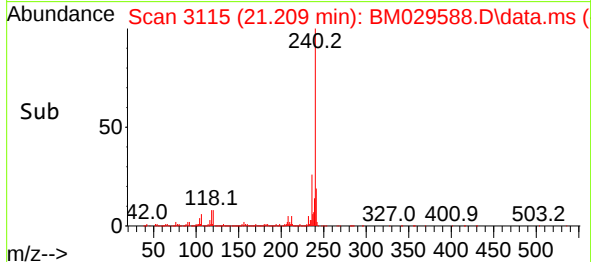
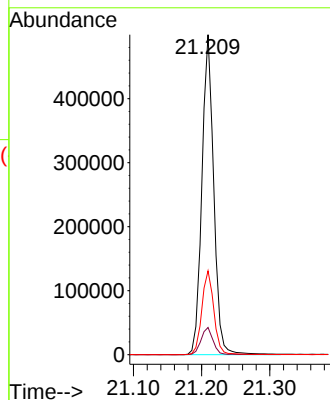
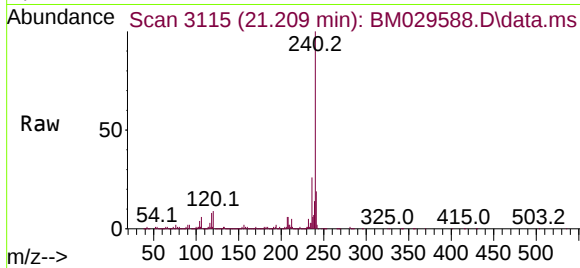




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM029588.D
Acq: 22 Apr 2021 04:29

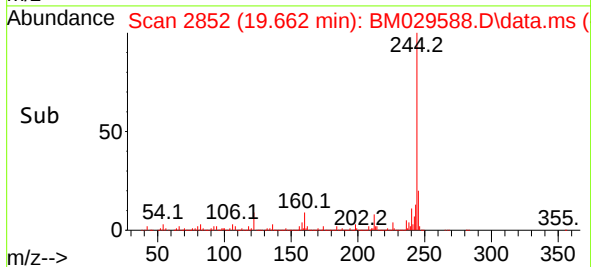
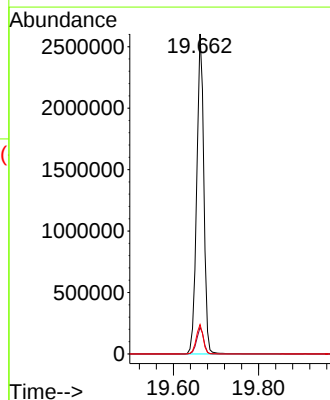
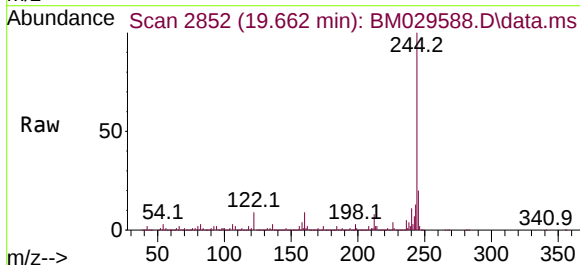
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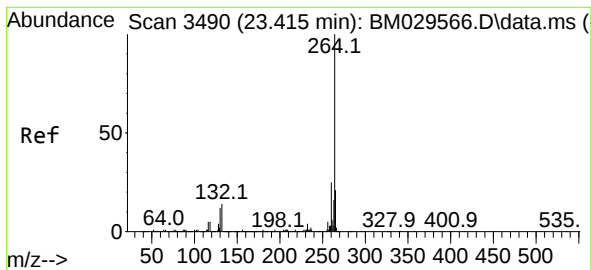
Tgt Ion:240 Resp: 602783
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 26.2 21.0 31.4



#79
Terphenyl-d14
Concen: 94.64 ng
RT: 19.662 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM029588.D
Acq: 22 Apr 2021 04:29

Tgt Ion:244 Resp: 3009128
Ion Ratio Lower Upper
244 100
212 8.3 6.3 9.5
122 9.2 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: BM029588.D
Acq: 22 Apr 2021 04:29

Instrument :
BNA_M
ClientSampleId :
GMW-7

Tgt Ion:264 Resp: 629707

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.8
265	21.9	17.7	26.5

