

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041921\
 Data File : BM029538.D
 Acq On : 19 Apr 2021 13:38
 Operator : CG/JU
 Sample : M2043-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FS-WC-WATER

Quant Time: Apr 19 14:32:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 11:56:50 2021
 Response via : Initial Calibration

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

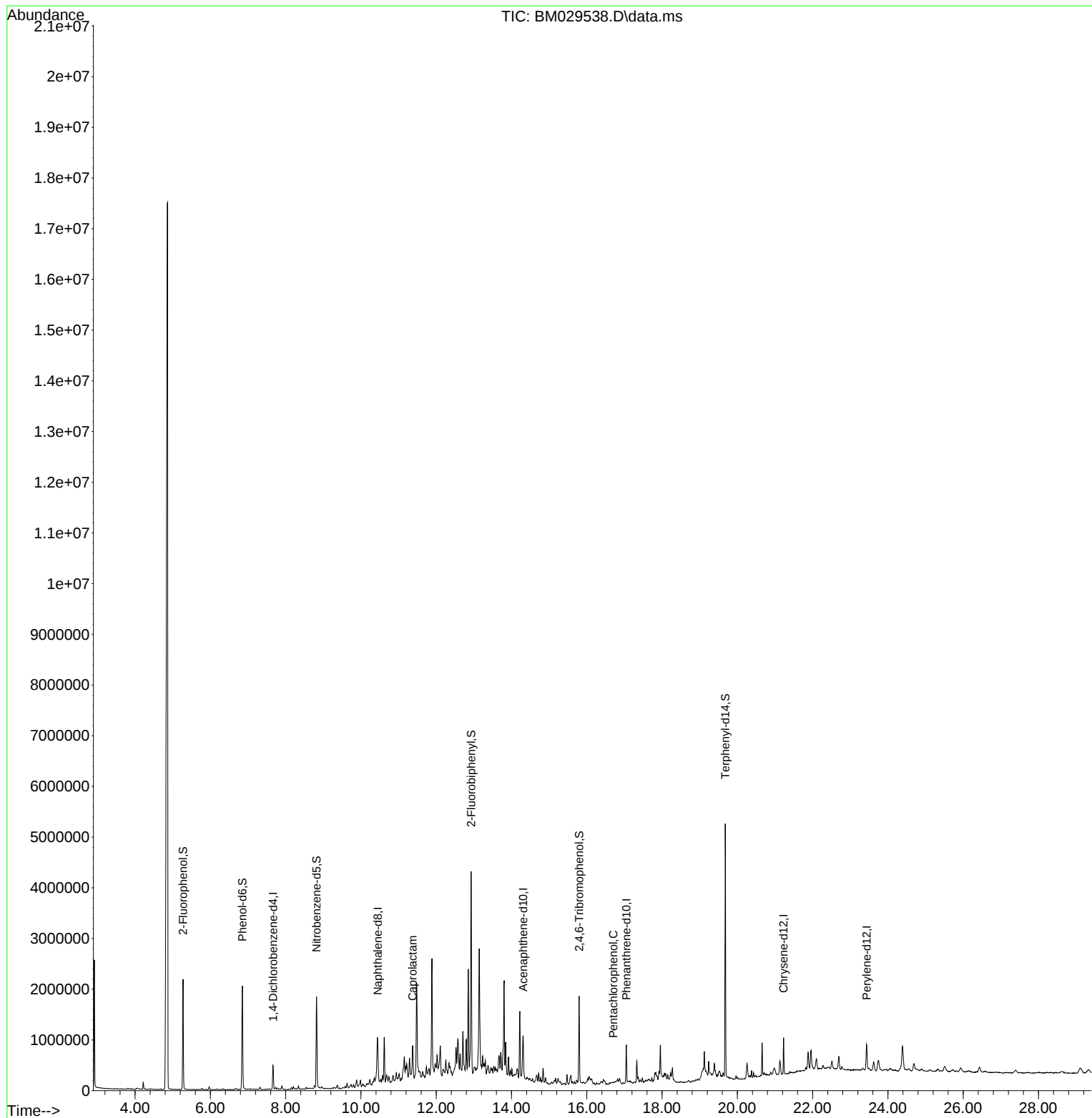
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	105699	20.00	ng	0.00
21) Naphthalene-d8	10.445	136	417661	20.00	ng	#-0.01
39) Acenaphthene-d10	14.310	164	230766	20.00	ng	0.00
64) Phenanthrene-d10	17.051	188	400950	20.00	ng	0.00
76) Chrysene-d12	21.227	240	289940	20.00	ng	# 0.00
86) Perylene-d12	23.433	264	302280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	742659	116.01	ng	0.00
7) Phenol-d6	6.851	99	988654	109.39	ng	0.00
23) Nitrobenzene-d5	8.822	82	971595	106.65	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	207173	89.82	ng	0.00
45) 2-Fluorobiphenyl	12.927	172	1758745	106.18	ng	0.00
79) Terphenyl-d14	19.680	244	1817383	119.05	ng	0.00
Target Compounds						
35) Caprolactam	11.374	113	7909	3.87	ng	# 1
70) Pentachlorophenol	16.704	266	158	5.73	ng	# 49

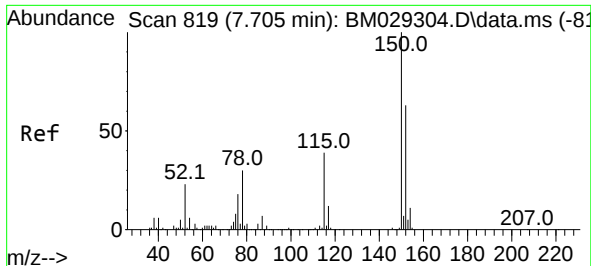
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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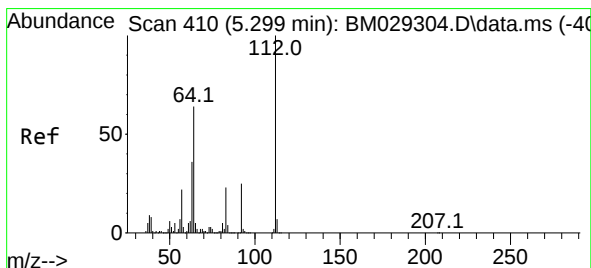
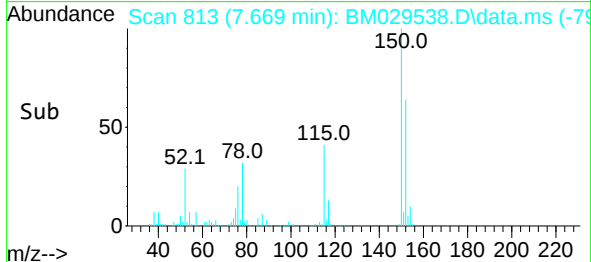
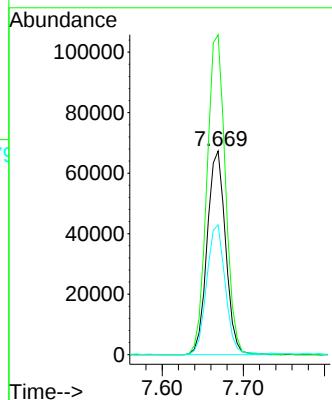
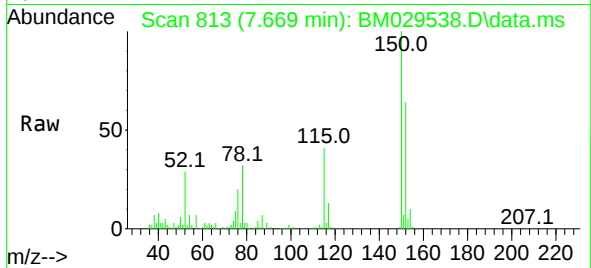




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.669 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM029538.D
Acq: 19 Apr 2021 13:38

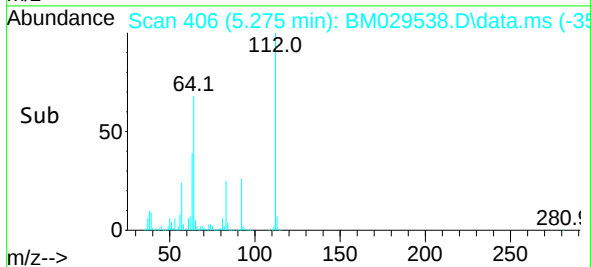
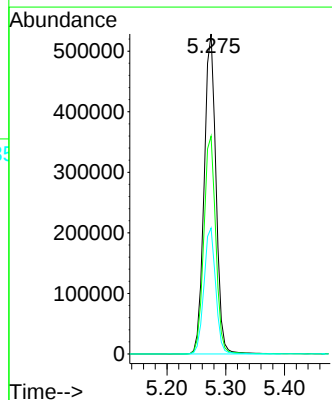
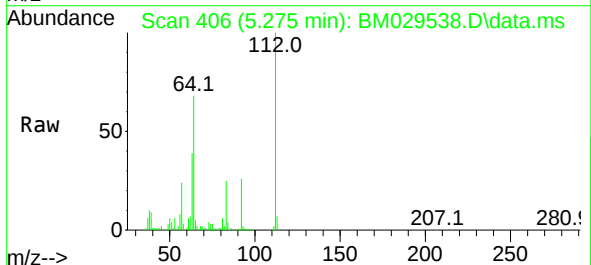
Instrument :
BNA_M
ClientSampleId :
FS-WC-WATER

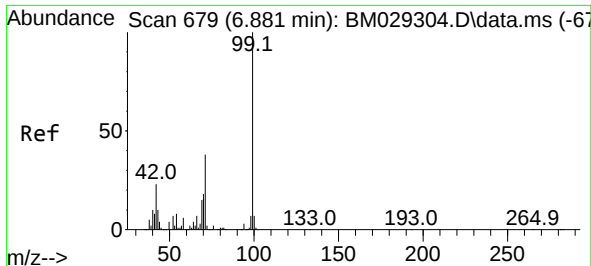
Tgt Ion:152 Resp: 105699
Ion Ratio Lower Upper
152 100
150 157.2 124.3 186.5
115 63.7 46.4 69.6



#5
2-Fluorophenol
Concen: 116.01 ng
RT: 5.275 min Scan# 406
Delta R.T. 0.006 min
Lab File: BM029538.D
Acq: 19 Apr 2021 13:38

Tgt Ion:112 Resp: 742659
Ion Ratio Lower Upper
112 100
64 68.1 51.6 77.4
63 39.3 29.0 43.4

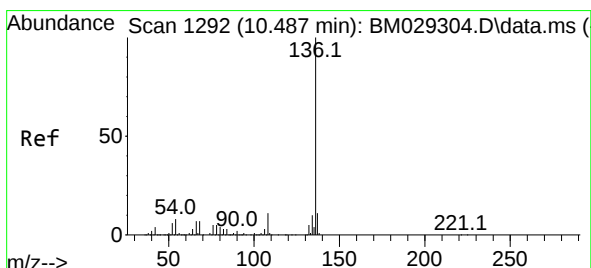
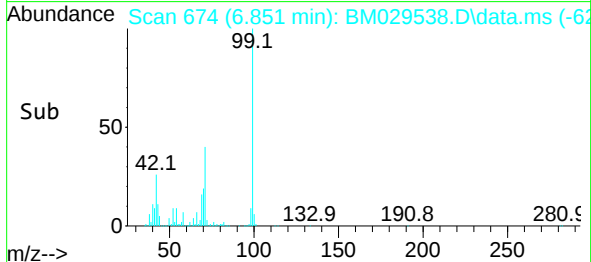
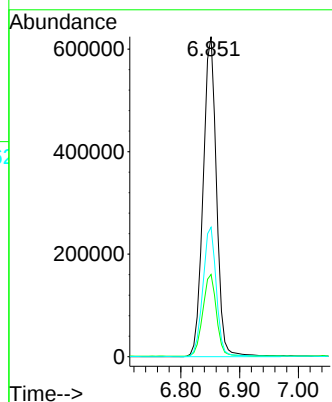
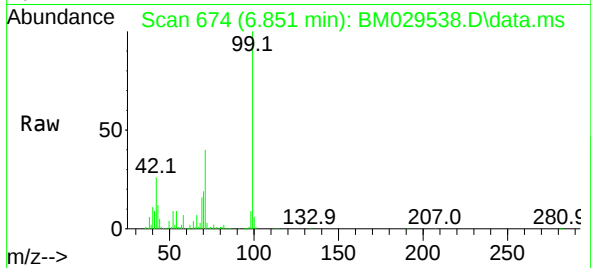




#7
Phenol-d6
Concen: 109.39 ng
RT: 6.851 min Scan# 674
Delta R.T. -0.000 min
Lab File: BM029538.D
Acq: 19 Apr 2021 13:38

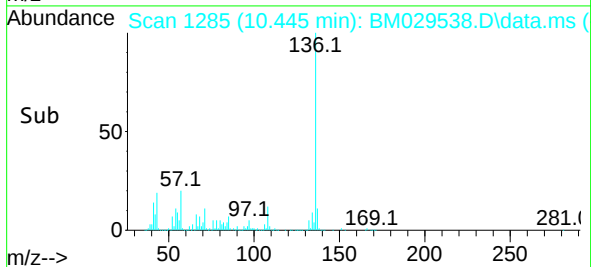
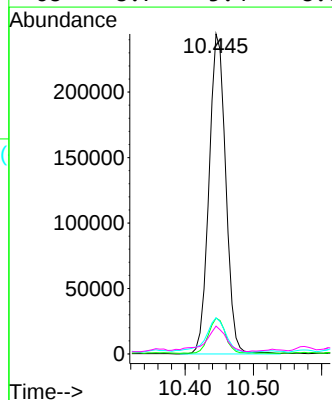
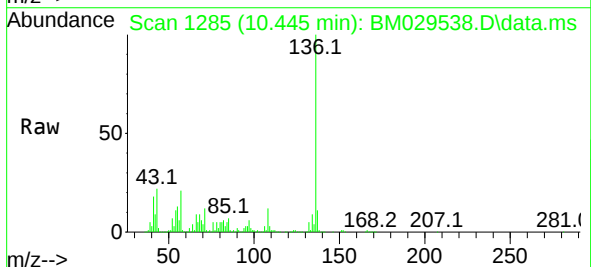
Instrument :
BNA_M
ClientSampleId :
FS-WC-WATER

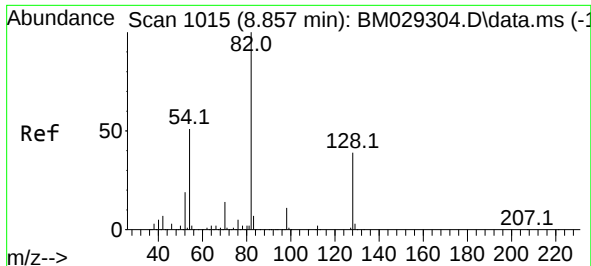
Tgt Ion:	99	Resp:	988654
Ion	Ratio	Lower	Upper
99	100		
42	25.7	18.5	27.7
71	40.5	31.8	47.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.445 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM029538.D
Acq: 19 Apr 2021 13:38

Tgt Ion:	136	Resp:	417661
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	11.3	6.9	10.3#
68	8.7	5.4	8.0#

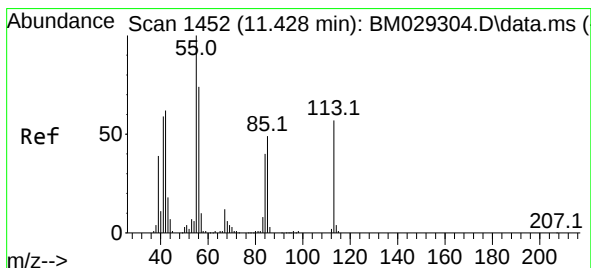
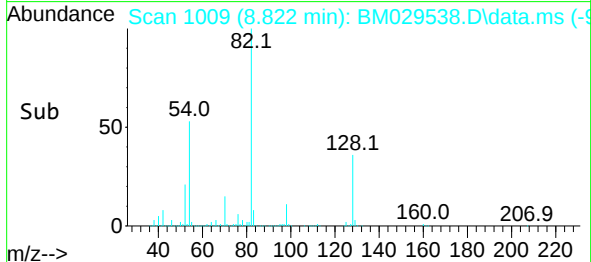
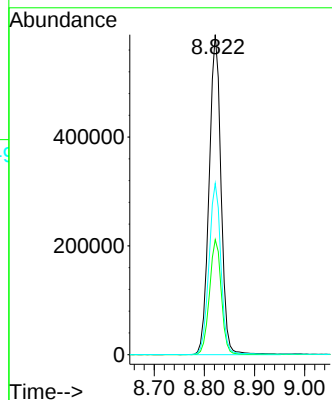
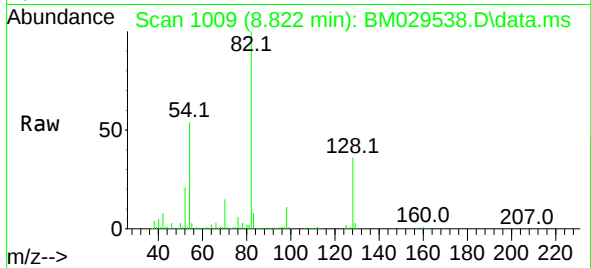




#23
Nitrobenzene-d5
Concen: 106.65 ng
RT: 8.822 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BM029538.D
Acq: 19 Apr 2021 13:38

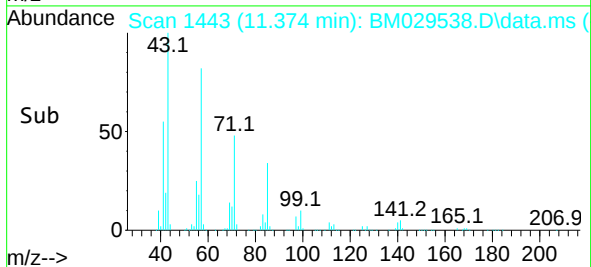
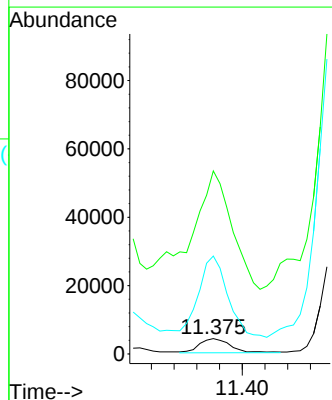
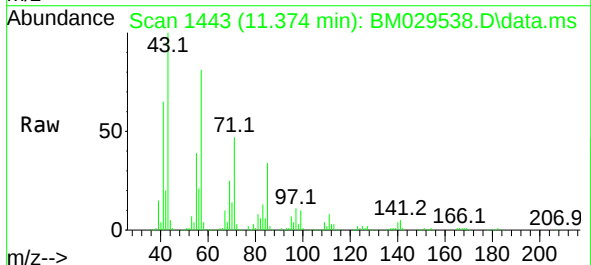
Instrument :
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ClientSampleId :
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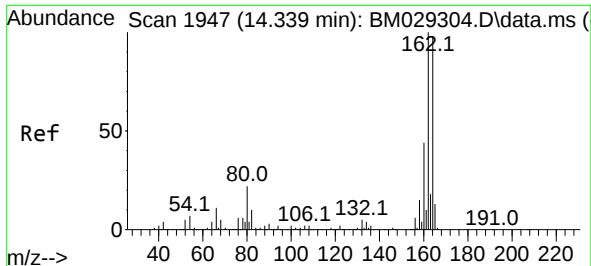
Tgt Ion: 82 Resp: 971595
Ion Ratio Lower Upper
82 100
128 35.9 28.6 42.8
54 53.5 40.7 61.1



#35
Caprolactam
Concen: 3.87 ng
RT: 11.374 min Scan# 1443
Delta R.T. -0.030 min
Lab File: BM029538.D
Acq: 19 Apr 2021 13:38

Tgt Ion: 113 Resp: 7909
Ion Ratio Lower Upper
113 100
55 1189.8 149.4 189.4#
56 636.5 110.8 150.8#

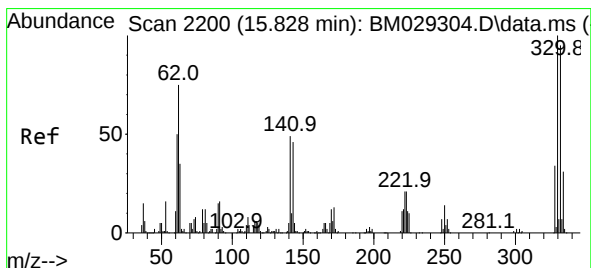
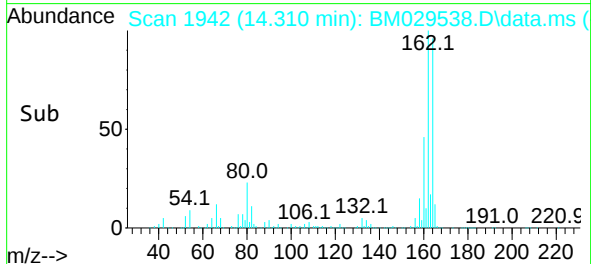
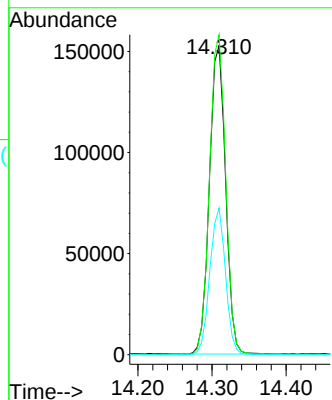
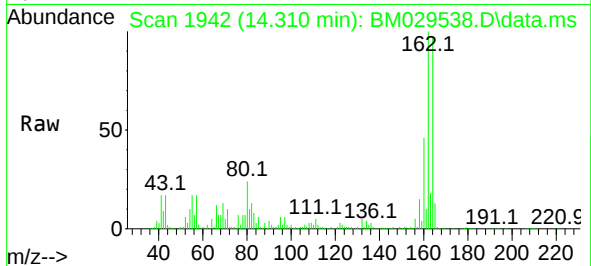




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM029538.D
Acq: 19 Apr 2021 13:38

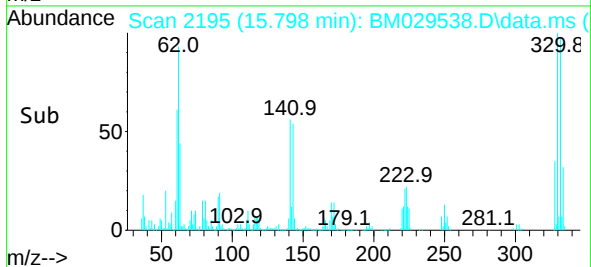
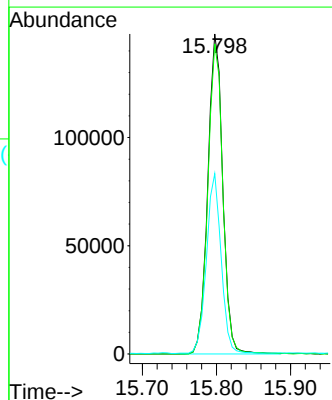
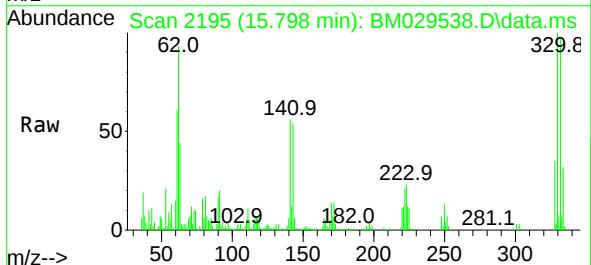
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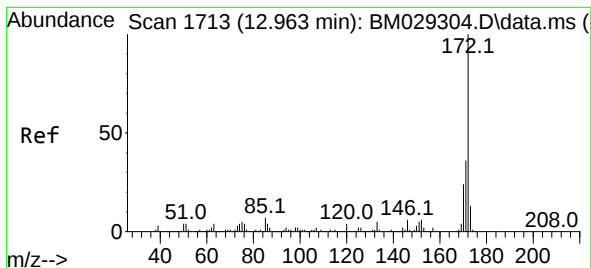
Tgt Ion:164 Resp: 230766
Ion Ratio Lower Upper
164 100
162 103.5 84.4 126.6
160 47.5 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 89.82 ng
RT: 15.798 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM029538.D
Acq: 19 Apr 2021 13:38

Tgt Ion:330 Resp: 207173
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 55.3 39.2 58.8

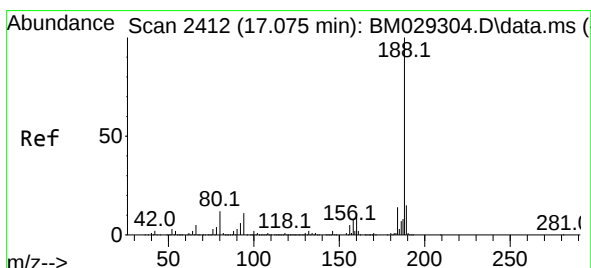
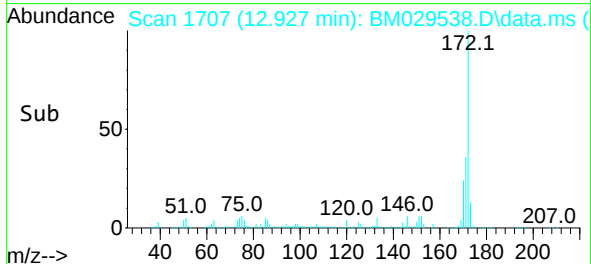
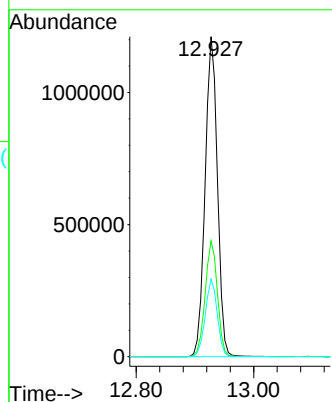
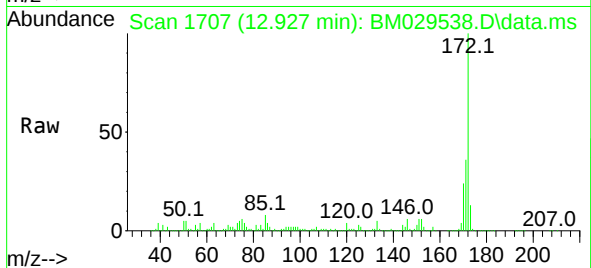




#45
2-Fluorobiphenyl
Concen: 106.18 ng
RT: 12.927 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM029538.D
Acq: 19 Apr 2021 13:38

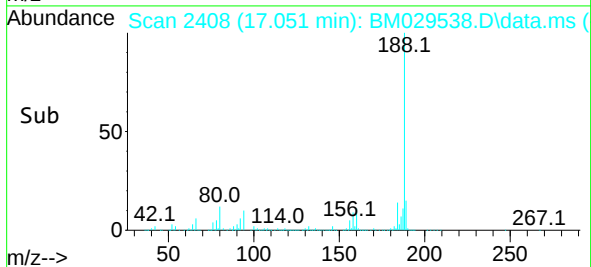
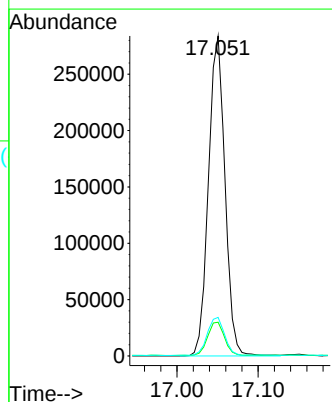
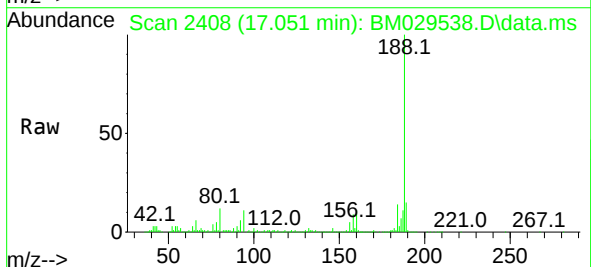
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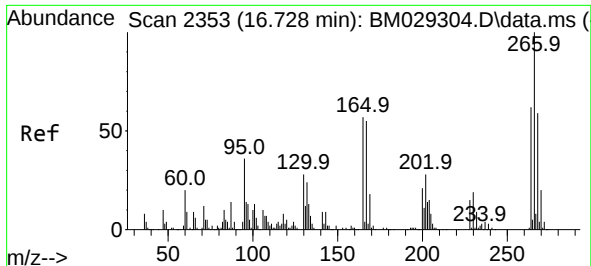
Tgt Ion:172 Resp: 1758745
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 24.2 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.051 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM029538.D
Acq: 19 Apr 2021 13:38

Tgt Ion:188 Resp: 400950
Ion Ratio Lower Upper
188 100
94 10.6 8.1 12.1
80 12.0 9.2 13.8

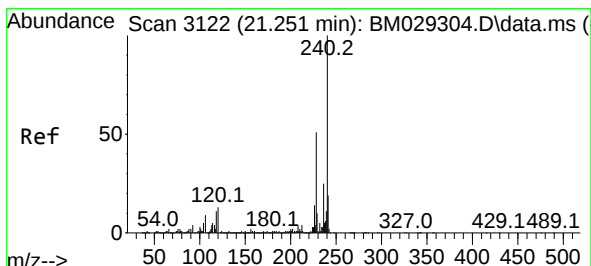
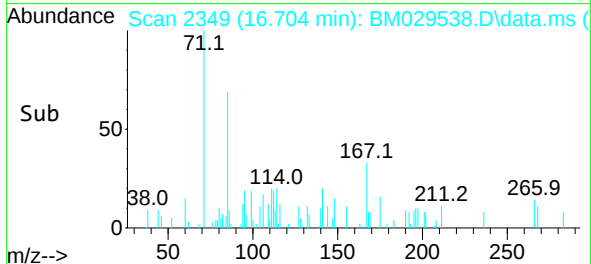
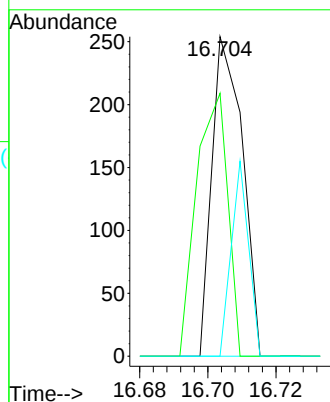
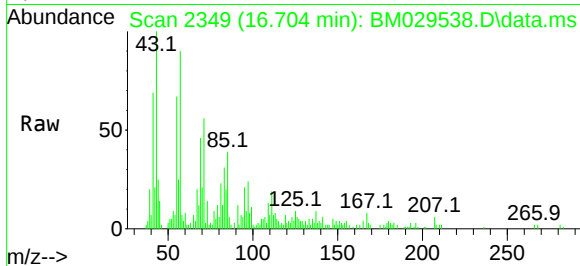




#70
 Pentachlorophenol
 Concen: 5.73 ng
 RT: 16.704 min Scan# 2349
 Delta R.T. -0.006 min
 Lab File: BM029538.D
 Acq: 19 Apr 2021 13:38

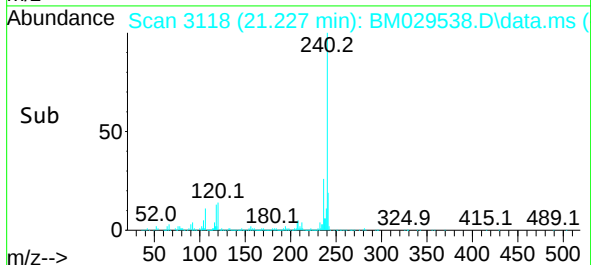
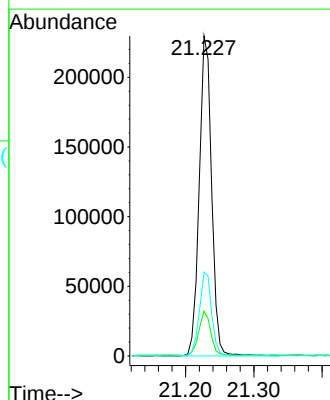
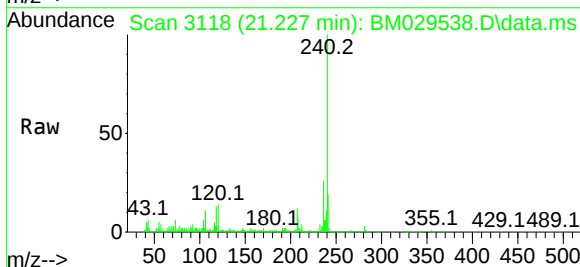
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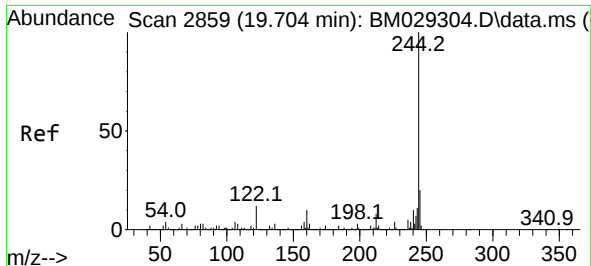
Tgt Ion:266 Resp: 158
 Ion Ratio Lower Upper
 266 100
 268 82.3 52.2 78.2#
 264 0.0 50.9 76.3#



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.227 min Scan# 3118
 Delta R.T. -0.006 min
 Lab File: BM029538.D
 Acq: 19 Apr 2021 13:38

Tgt Ion:240 Resp: 289940
 Ion Ratio Lower Upper
 240 100
 120 14.0 9.0 13.6#
 236 26.2 20.3 30.5

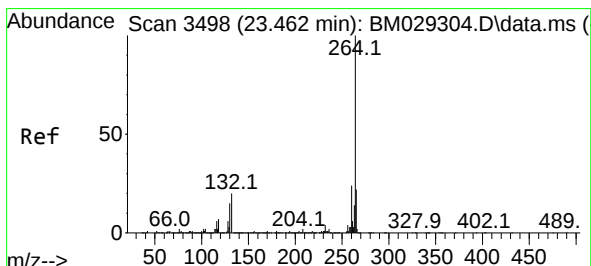
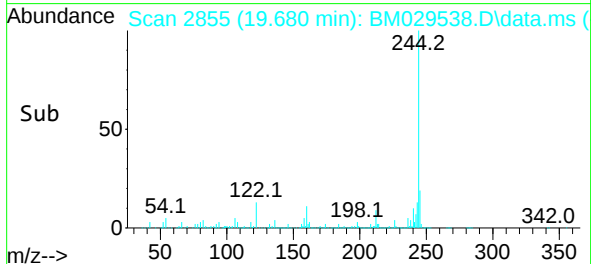
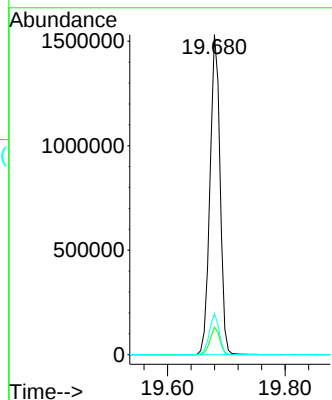
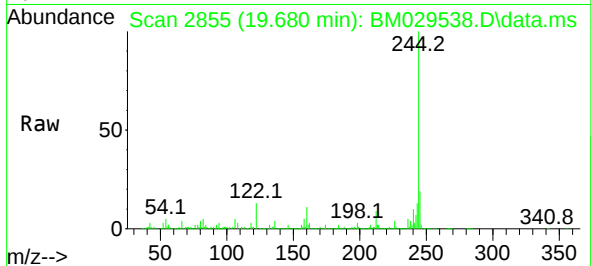




#79
Terphenyl-d14
Concen: 119.05 ng
RT: 19.680 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BM029538.D
Acq: 19 Apr 2021 13:38

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:244 Resp: 1817383
Ion Ratio Lower Upper
244 100
212 8.6 6.5 9.7
122 12.9 9.2 13.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.433 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM029538.D
Acq: 19 Apr 2021 13:38

Tgt Ion:264 Resp: 302280
Ion Ratio Lower Upper
264 100
260 23.5 19.6 29.4
265 21.9 17.8 26.8

