

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
 Data File : BM029660.D
 Acq On : 26 Apr 2021 21:26
 Operator : CG/JU
 Sample : M2170-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DN-1

Quant Time: Apr 27 01:33:46 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)

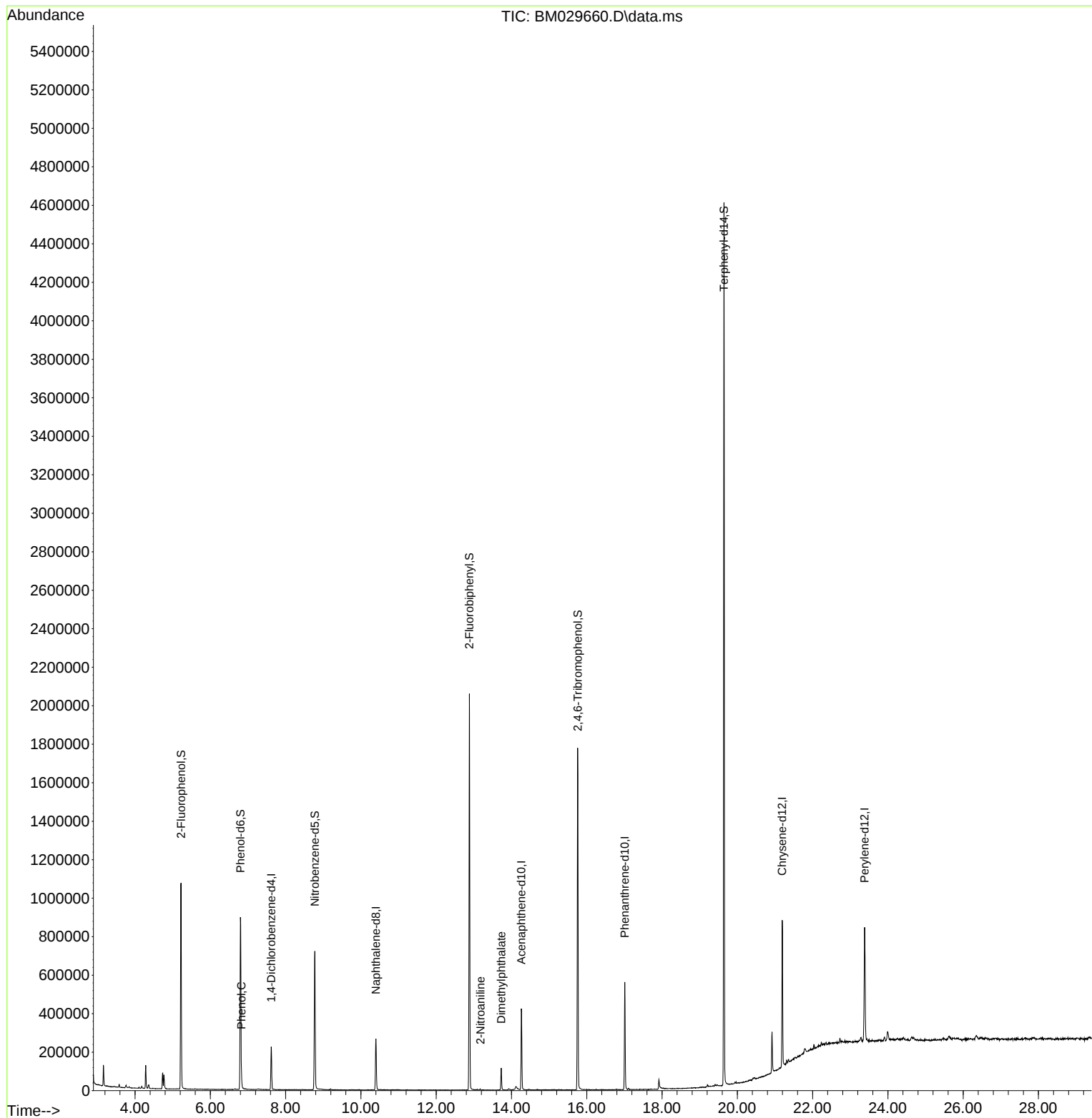
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	60279	20.00	ng	0.00
21) Naphthalene-d8	10.398	136	216903	20.00	ng	0.00
39) Acenaphthene-d10	14.263	164	144683	20.00	ng	0.00
64) Phenanthrene-d10	17.010	188	326938	20.00	ng	0.00
76) Chrysene-d12	21.192	240	376667	20.00	ng	0.00
86) Perylene-d12	23.380	264	404552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	437107	145.38	ng	0.00
7) Phenol-d6	6.799	99	479995	106.88	ng	0.00
23) Nitrobenzene-d5	8.775	82	417431	99.12	ng	0.00
42) 2,4,6-Tribromophenol	15.763	330	329177	164.51	ng	0.00
45) 2-Fluorobiphenyl	12.881	172	1094934	102.72	ng	0.00
79) Terphenyl-d14	19.645	244	1990210	100.17	ng	0.00
Target Compounds						
10) Phenol	6.828	94	21035	4.83	ng	Qvalue 97
48) 2-Nitroaniline	13.175	65	53	2.88	ng	# 4
50) Dimethylphthalate	13.728	163	74530	6.82	ng	99

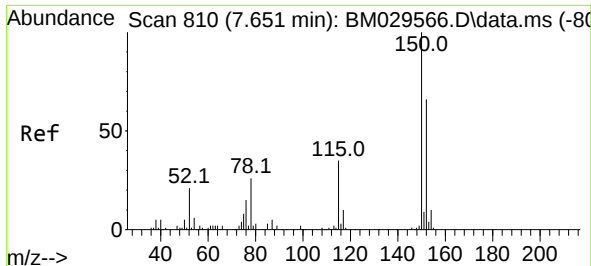
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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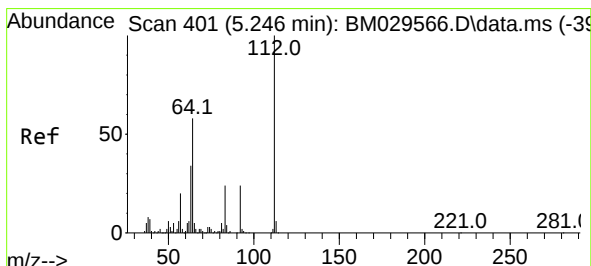
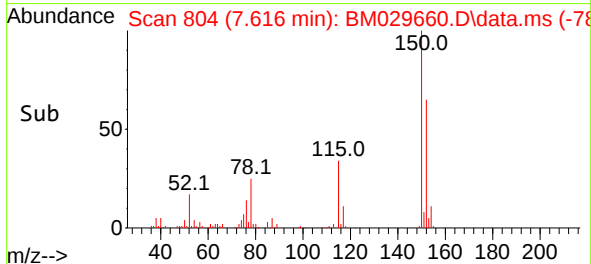
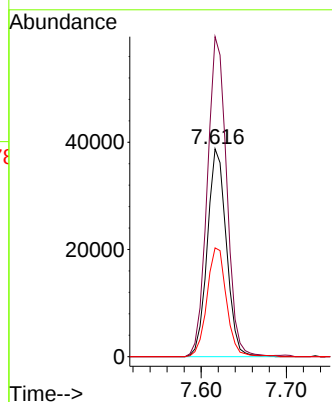
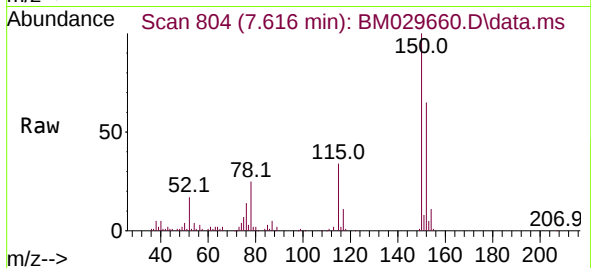




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM029660.D
Acq: 26 Apr 2021 21:26

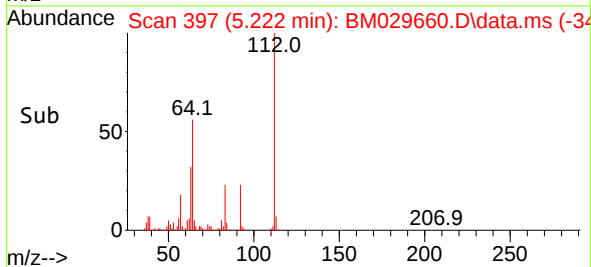
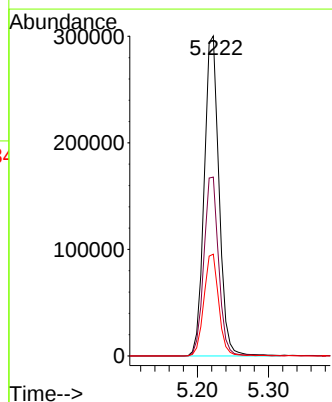
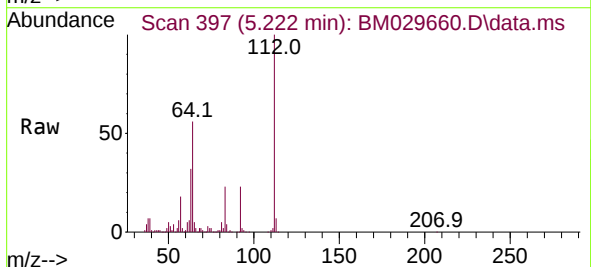
Instrument :
BNA_M
ClientSampleId :
DN-1

Tgt Ion:152 Resp: 60279
Ion Ratio Lower Upper
152 100
150 154.0 125.9 188.9
115 52.3 44.6 67.0



#5
2-Fluorophenol
Concen: 145.38 ng
RT: 5.222 min Scan# 397
Delta R.T. 0.006 min
Lab File: BM029660.D
Acq: 26 Apr 2021 21:26

Tgt Ion:112 Resp: 437107
Ion Ratio Lower Upper
112 100
64 55.9 47.1 70.7
63 31.8 27.3 40.9

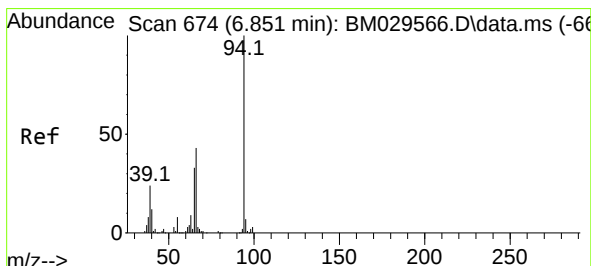
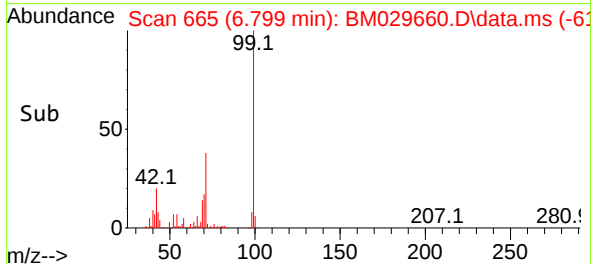
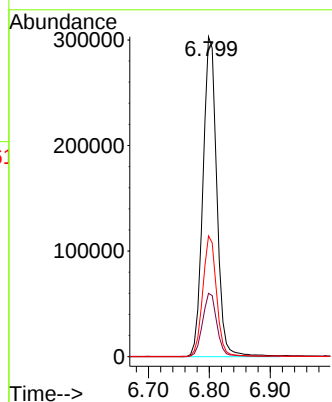
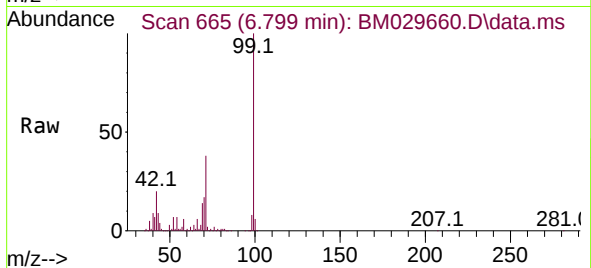




#7
Phenol-d6
Concen: 106.88 ng
RT: 6.799 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM029660.D
Acq: 26 Apr 2021 21:26

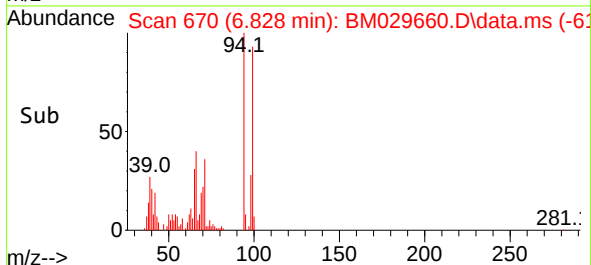
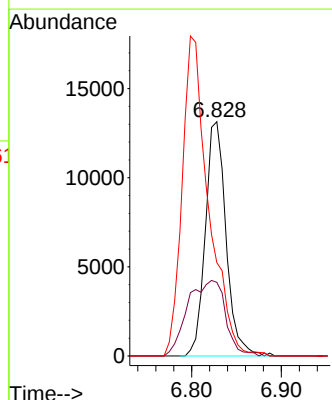
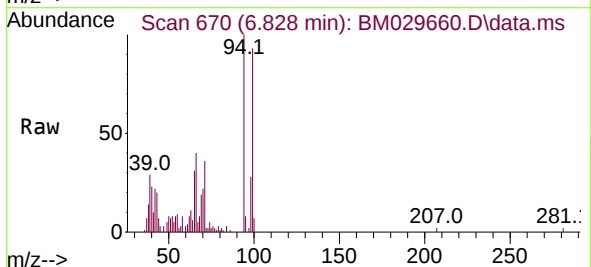
Instrument :
BNA_M
ClientSampleId :
DN-1

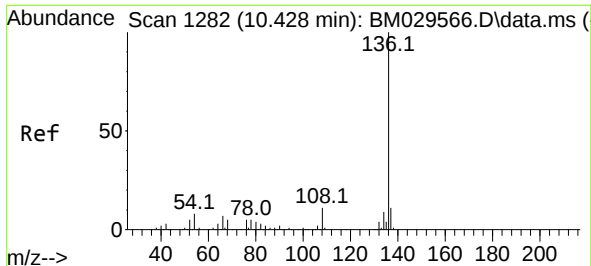
Tgt Ion: 99 Resp: 479995
Ion Ratio Lower Upper
99 100
42 19.8 18.0 27.0
71 37.8 30.9 46.3



#10
Phenol
Concen: 4.83 ng
RT: 6.828 min Scan# 670
Delta R.T. 0.000 min
Lab File: BM029660.D
Acq: 26 Apr 2021 21:26

Tgt Ion: 94 Resp: 21035
Ion Ratio Lower Upper
94 100
65 31.4 11.9 51.9
66 39.8 22.6 62.6

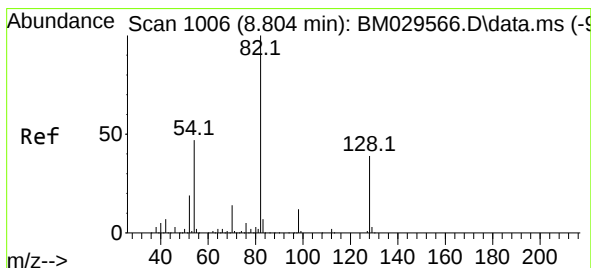
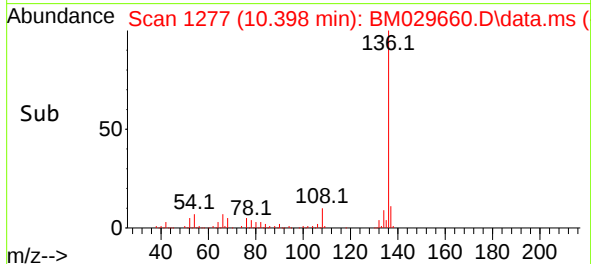
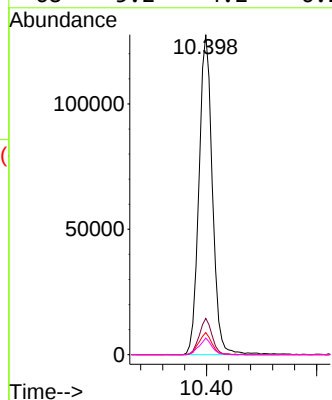
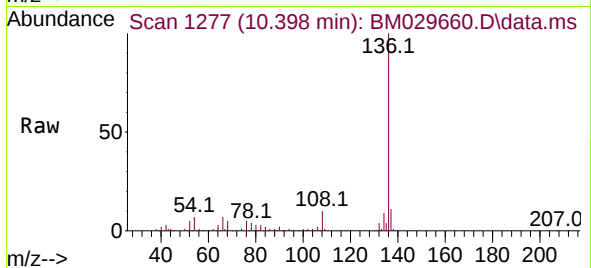




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.398 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BM029660.D
Acq: 26 Apr 2021 21:26

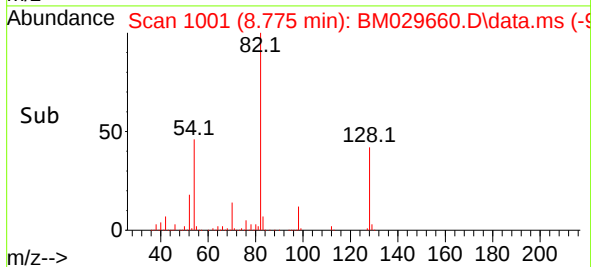
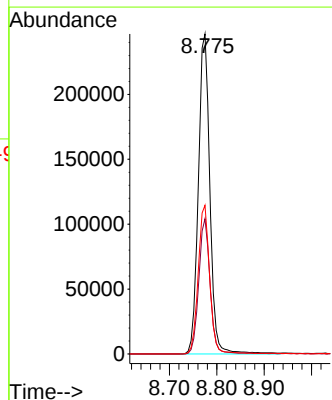
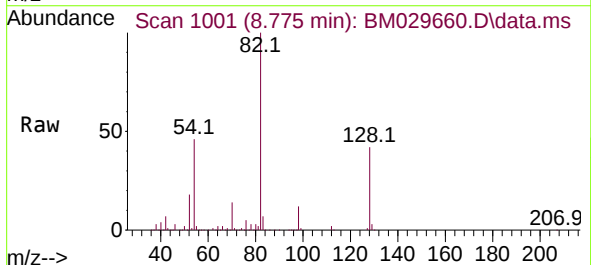
Instrument :
BNA_M
ClientSampleId :
DN-1

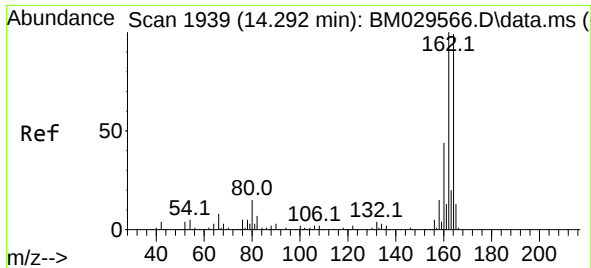
Tgt Ion:136	Resp: 216903
Ion Ratio	Lower Upper
136 100	
137 11.3	8.4 12.6
54 6.9	5.5 8.3
68 5.2	4.2 6.2



#23
Nitrobenzene-d5
Concen: 99.12 ng
RT: 8.775 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BM029660.D
Acq: 26 Apr 2021 21:26

Tgt Ion: 82	Resp: 417431
Ion Ratio	Lower Upper
82 100	
128 42.3	31.1 46.7
54 46.5	37.3 55.9

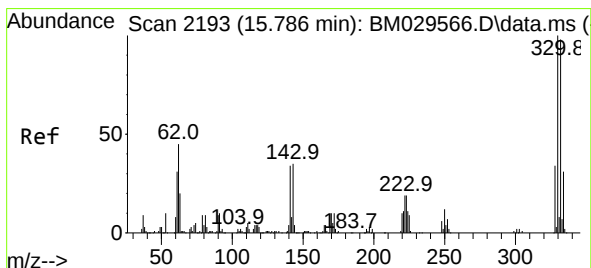
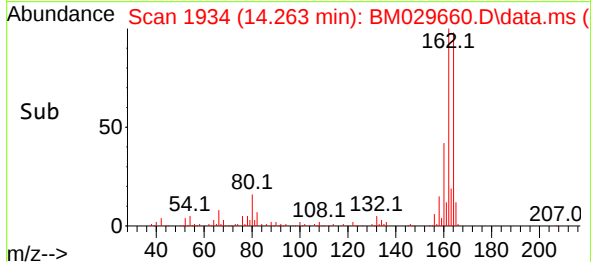
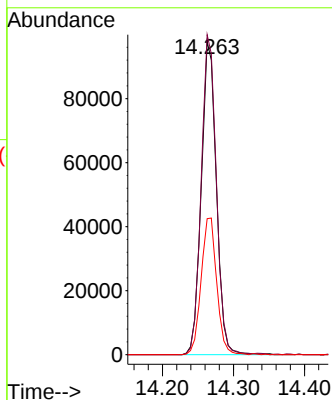
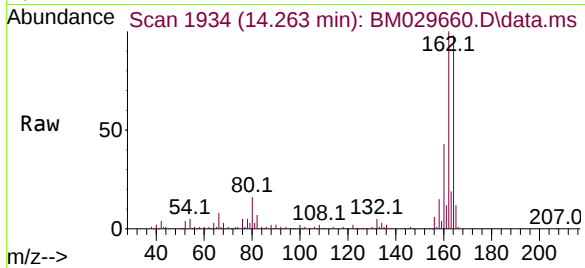




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.263 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BM029660.D
Acq: 26 Apr 2021 21:26

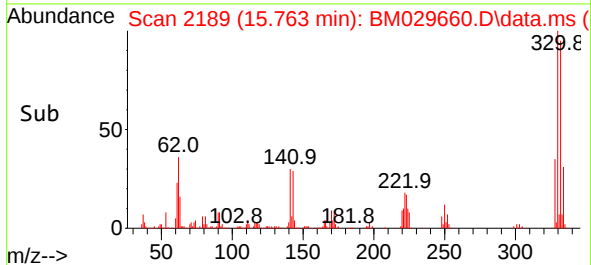
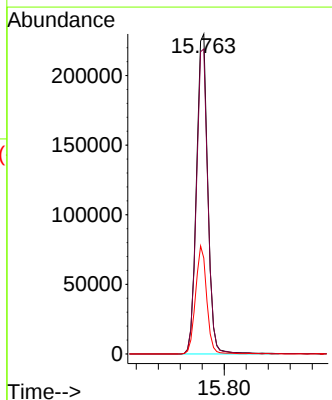
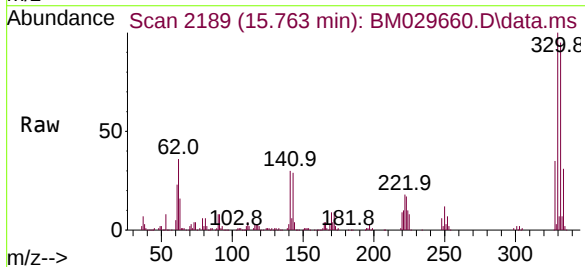
Instrument :
BNA_M
ClientSampleId :
DN-1

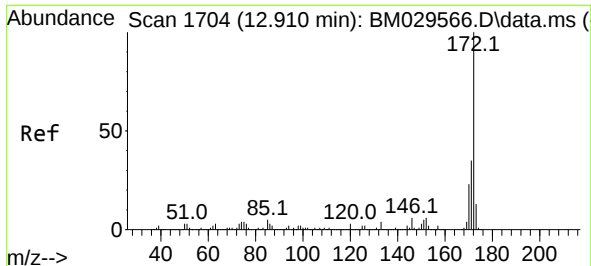
Tgt Ion:164 Resp: 144683
Ion Ratio Lower Upper
164 100
162 102.2 83.4 125.0
160 43.4 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 164.51 ng
RT: 15.763 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BM029660.D
Acq: 26 Apr 2021 21:26

Tgt Ion:330 Resp: 329177
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 33.3 30.2 45.2

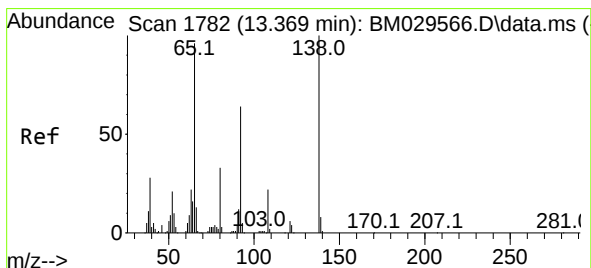
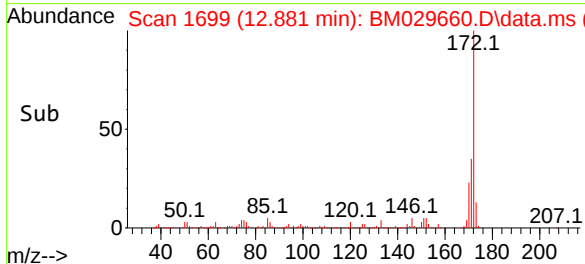
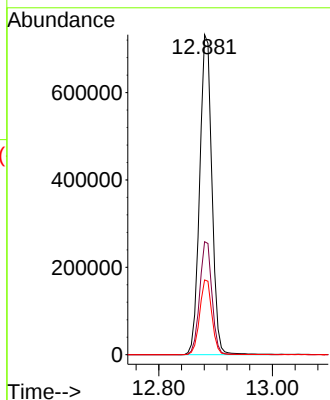
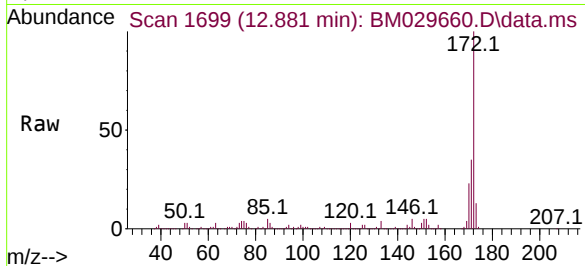




#45
2-Fluorobiphenyl
Concen: 102.72 ng
RT: 12.881 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM029660.D
Acq: 26 Apr 2021 21:26

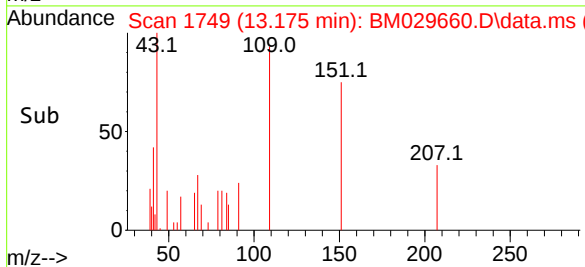
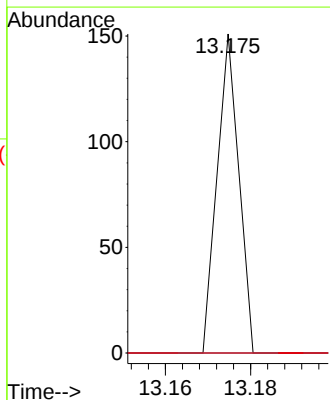
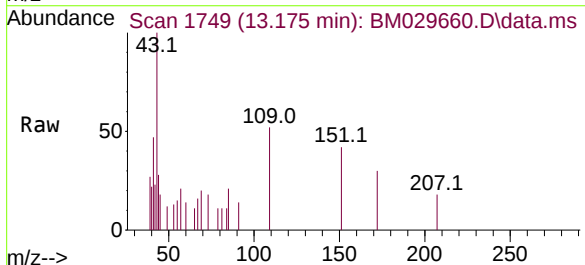
Instrument :
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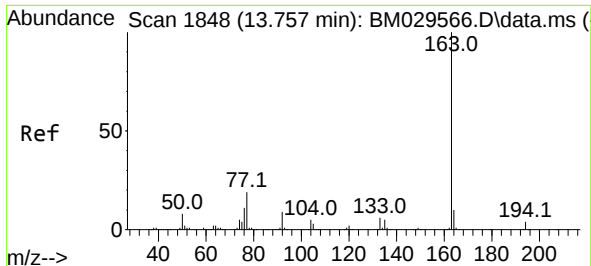
Tgt Ion:172 Resp: 1094934
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.3 18.4 27.6



#48
2-Nitroaniline
Concen: 2.88 ng
RT: 13.175 min Scan# 1749
Delta R.T. -0.170 min
Lab File: BM029660.D
Acq: 26 Apr 2021 21:26

Tgt Ion: 65 Resp: 53
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#

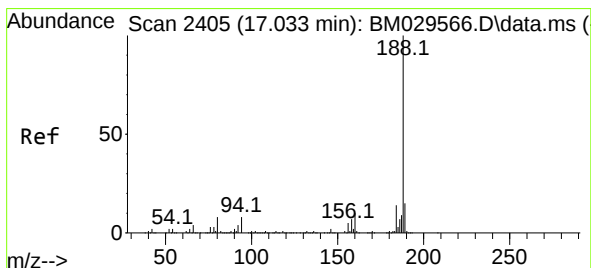
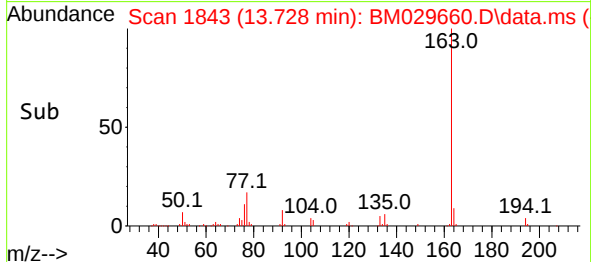
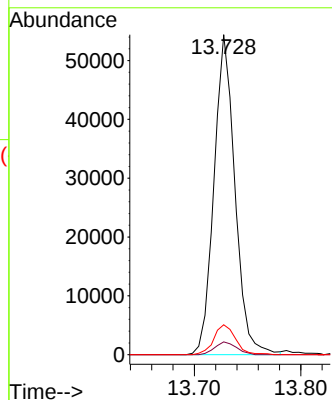
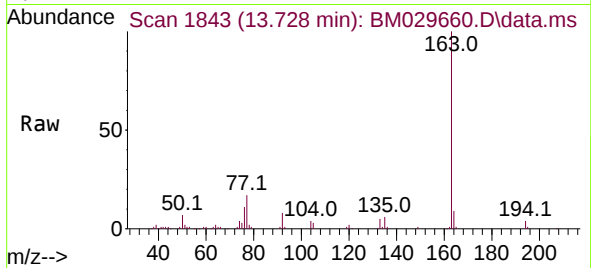




#50
Dimethylphthalate
Concen: 6.82 ng
RT: 13.728 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BM029660.D
Acq: 26 Apr 2021 21:26

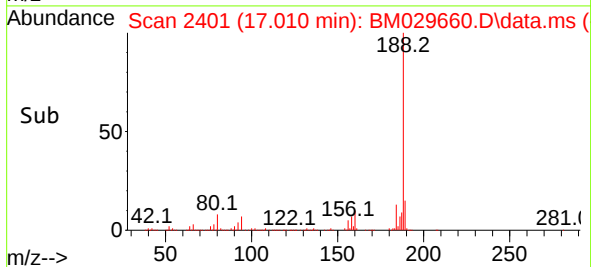
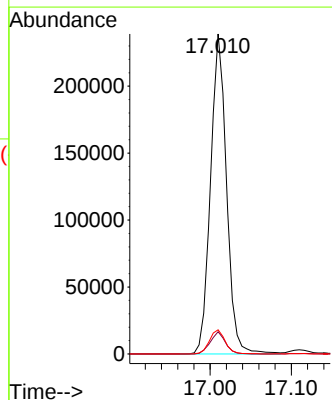
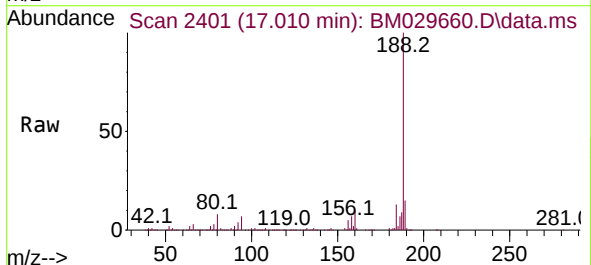
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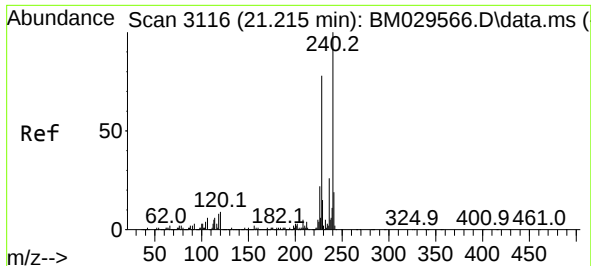
Tgt Ion:163 Resp: 74530
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.4 7.9 11.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.010 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BM029660.D
Acq: 26 Apr 2021 21:26

Tgt Ion:188 Resp: 326938
Ion Ratio Lower Upper
188 100
94 7.0 6.0 9.0
80 7.5 6.6 9.8

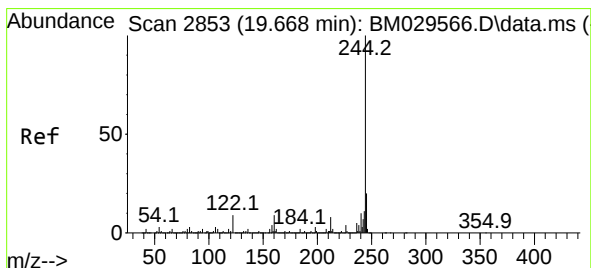
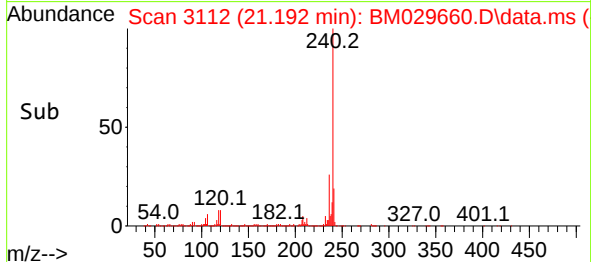
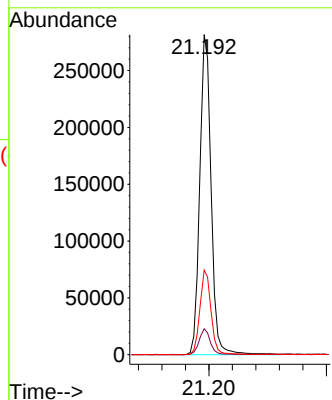
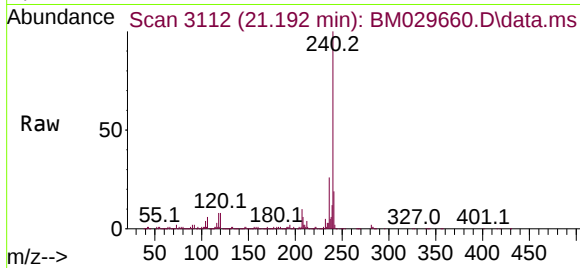




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM029660.D
Acq: 26 Apr 2021 21:26

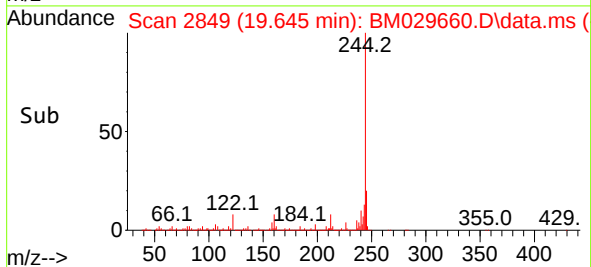
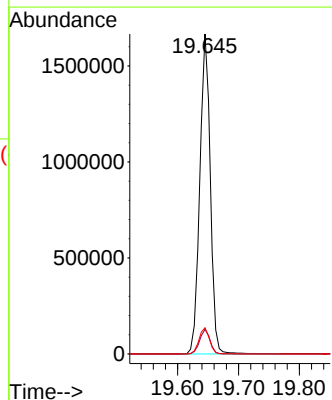
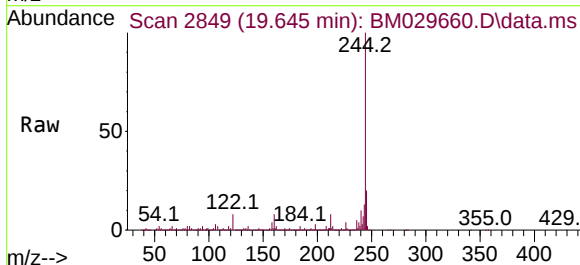
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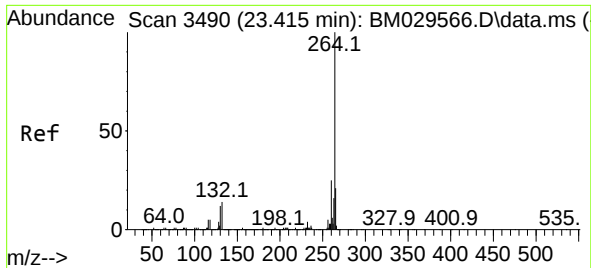
Tgt Ion:240 Resp: 376667
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 26.5 21.0 31.4



#79
Terphenyl-d14
Concen: 100.17 ng
RT: 19.645 min Scan# 2849
Delta R.T. 0.000 min
Lab File: BM029660.D
Acq: 26 Apr 2021 21:26

Tgt Ion:244 Resp: 1990210
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 8.2 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: BM029660.D
 Acq: 26 Apr 2021 21:26

Instrument :
 BNA_M
 ClientSampleId :
 DN-1

Tgt Ion:264 Resp: 404552
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.8 29.8
 265 22.4 17.7 26.5

