

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
 Data File : BM029662.D
 Acq On : 26 Apr 2021 22:38
 Operator : CG/JU
 Sample : M2170-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CN-1

Quant Time: Apr 27 01:34:03 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)

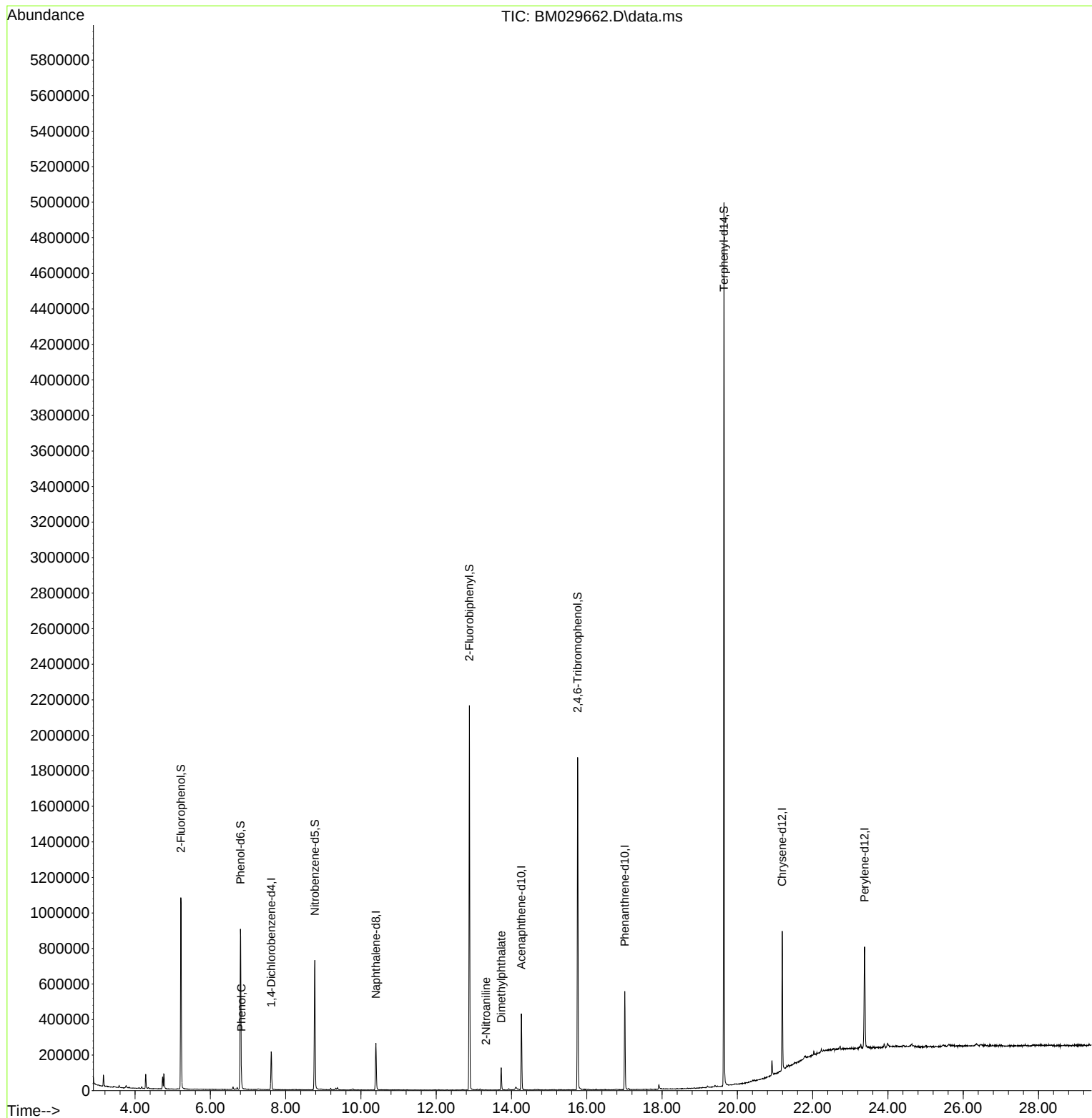
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	59884	20.00	ng	0.00
21) Naphthalene-d8	10.398	136	213411	20.00	ng	0.00
39) Acenaphthene-d10	14.262	164	144498	20.00	ng	0.00
64) Phenanthrene-d10	17.009	188	326857	20.00	ng	0.00
76) Chrysene-d12	21.191	240	374552	20.00	ng	0.00
86) Perylene-d12	23.380	264	395978	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	433997	145.29	ng	0.00
7) Phenol-d6	6.798	99	481592	107.95	ng	0.00
23) Nitrobenzene-d5	8.775	82	414412	100.01	ng	0.00
42) 2,4,6-Tribromophenol	15.756	330	337656	168.97	ng	0.00
45) 2-Fluorobiphenyl	12.880	172	1109816	104.25	ng	0.00
79) Terphenyl-d14	19.644	244	2091249	105.85	ng	0.00
Target Compounds						
10) Phenol	6.828	94	17380	4.02	ng	Qvalue 98
48) 2-Nitroaniline	13.321	65	65	2.89	ng	# 4
50) Dimethylphthalate	13.727	163	85983	7.87	ng	100

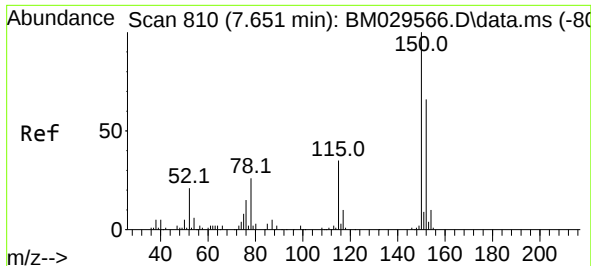
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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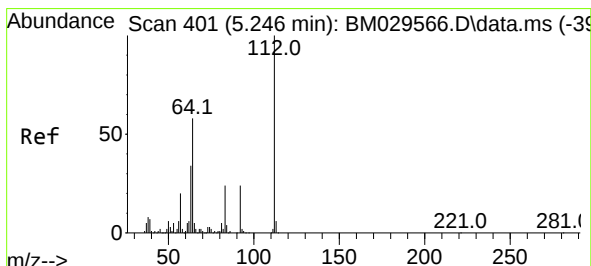
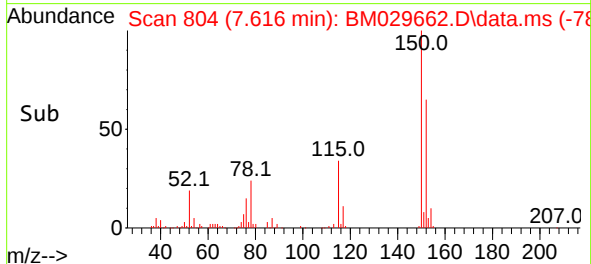
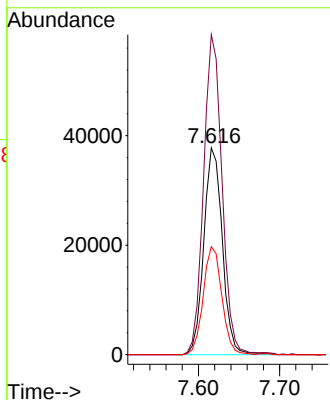
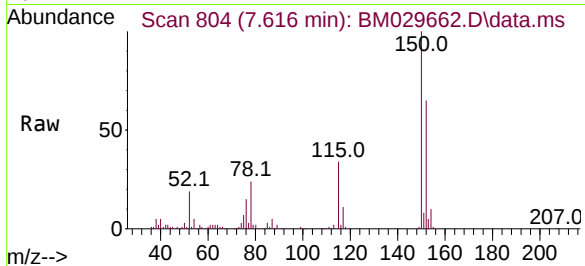




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM029662.D
Acq: 26 Apr 2021 22:38

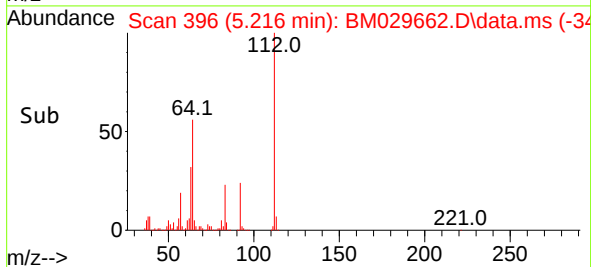
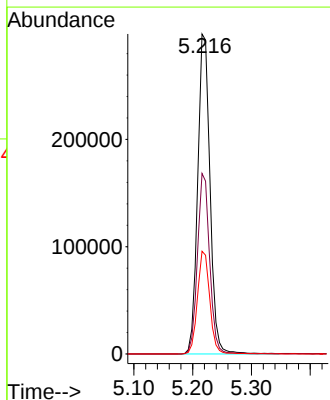
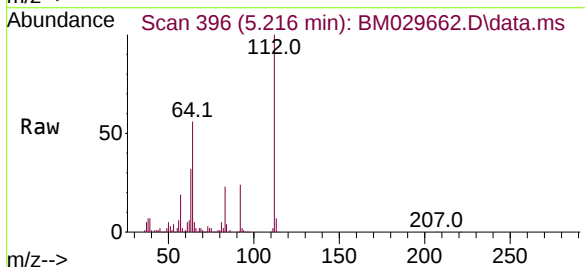
Instrument :
BNA_M
ClientSampleId :
CN-1

Tgt Ion:152 Resp: 59884
Ion Ratio Lower Upper
152 100
150 154.7 125.9 188.9
115 52.2 44.6 67.0



#5
2-Fluorophenol
Concen: 145.29 ng
RT: 5.216 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM029662.D
Acq: 26 Apr 2021 22:38

Tgt Ion:112 Resp: 433997
Ion Ratio Lower Upper
112 100
64 56.4 47.1 70.7
63 32.1 27.3 40.9

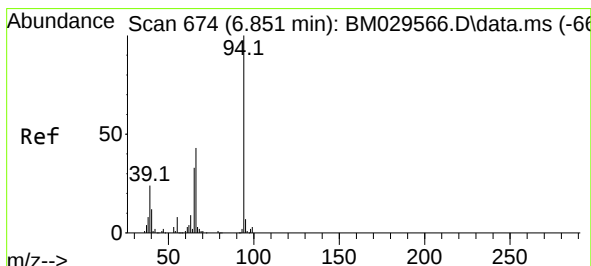
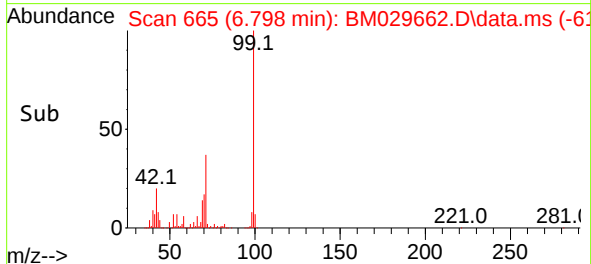
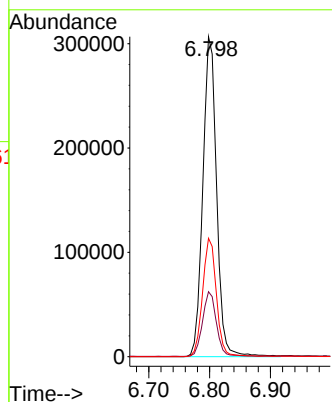
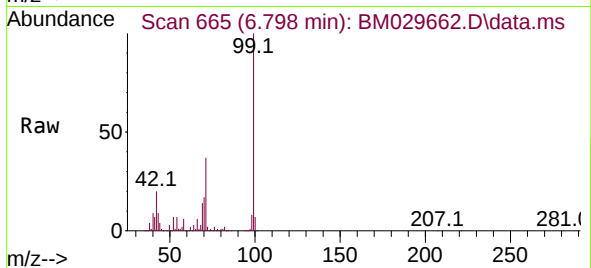




#7
Phenol-d6
Concen: 107.95 ng
RT: 6.798 min Scan# 665
Delta R.T. -0.000 min
Lab File: BM029662.D
Acq: 26 Apr 2021 22:38

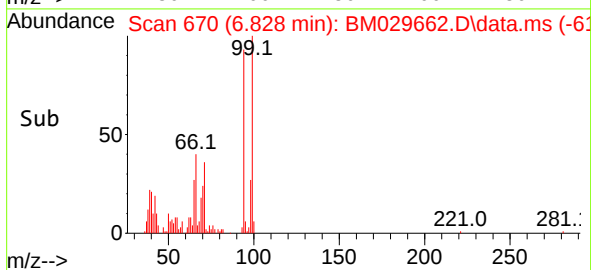
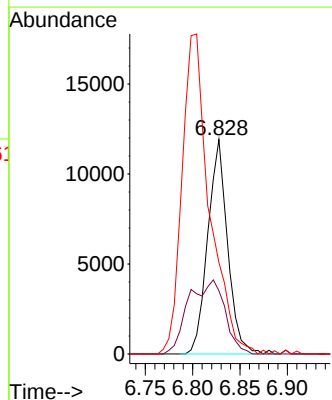
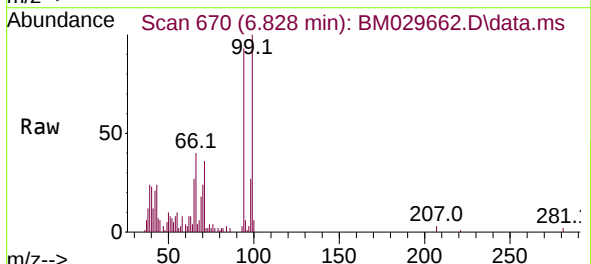
Instrument :
BNA_M
ClientSampleId :
CN-1

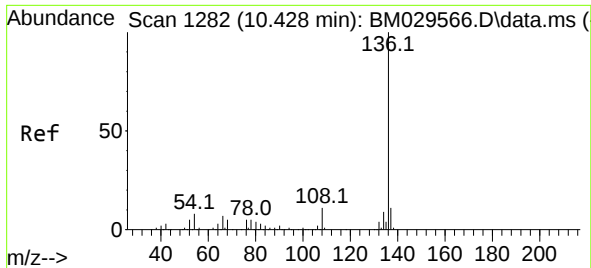
Tgt Ion: 99 Resp: 481592
Ion Ratio Lower Upper
99 100
42 20.3 18.0 27.0
71 37.0 30.9 46.3



#10
Phenol
Concen: 4.02 ng
RT: 6.828 min Scan# 670
Delta R.T. -0.000 min
Lab File: BM029662.D
Acq: 26 Apr 2021 22:38

Tgt Ion: 94 Resp: 17380
Ion Ratio Lower Upper
94 100
65 29.5 11.9 51.9
66 42.6 22.6 62.6

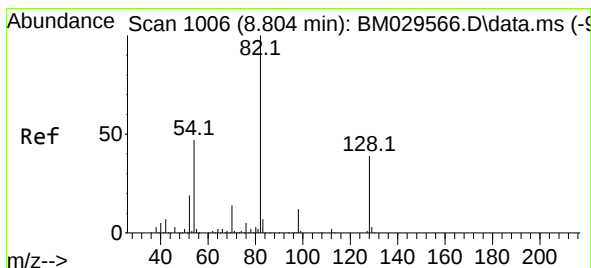
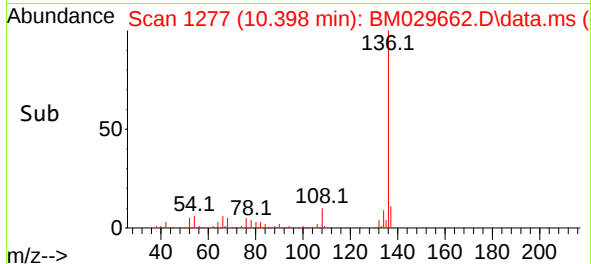
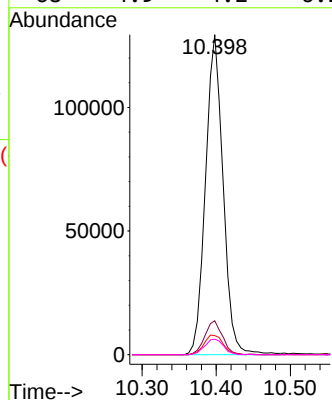
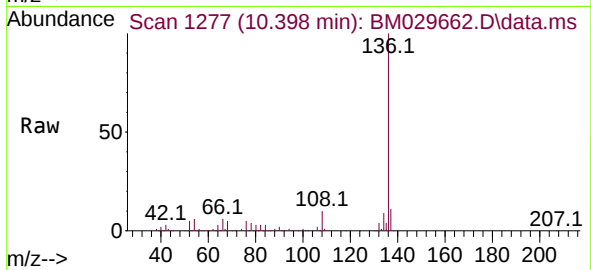




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.398 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BM029662.D
Acq: 26 Apr 2021 22:38

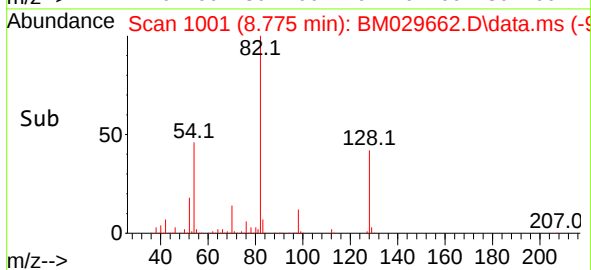
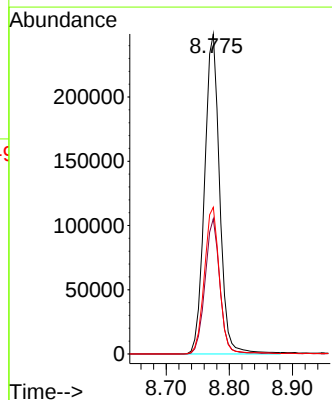
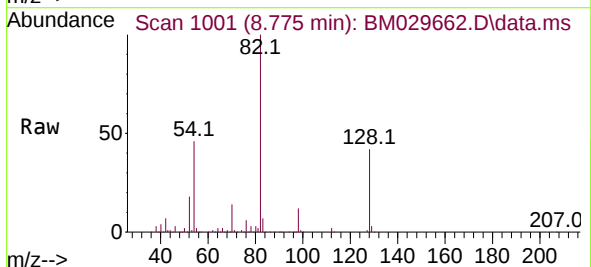
Instrument :
BNA_M
ClientSampleId :
CN-1

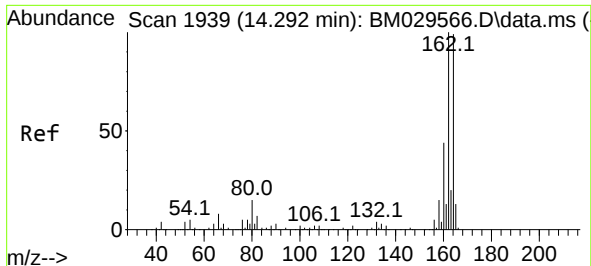
Tgt Ion:136	Resp:	213411
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.4 12.6
54	6.0	5.5 8.3
68	4.9	4.2 6.2



#23
Nitrobenzene-d5
Concen: 100.01 ng
RT: 8.775 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BM029662.D
Acq: 26 Apr 2021 22:38

Tgt Ion: 82	Resp:	414412
Ion	Ratio	Lower Upper
82	100	
128	42.3	31.1 46.7
54	45.8	37.3 55.9

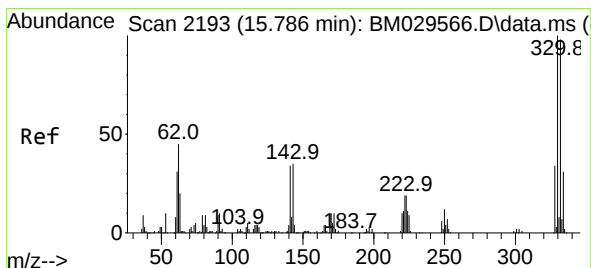
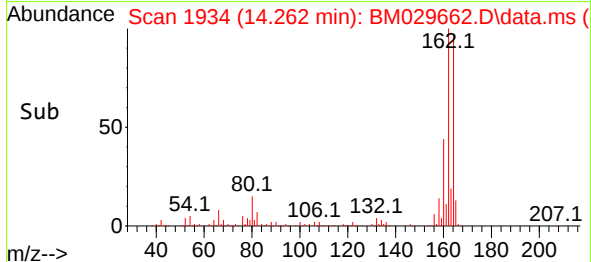
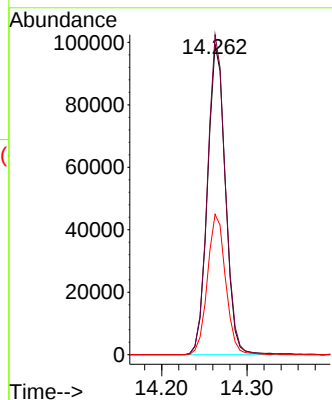
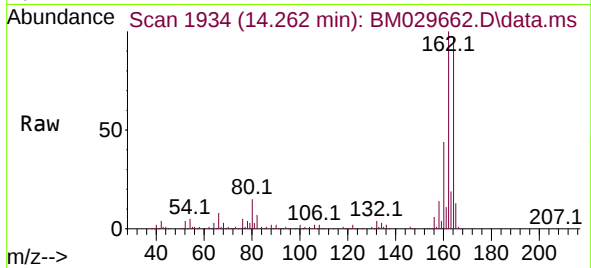




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.262 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BM029662.D
Acq: 26 Apr 2021 22:38

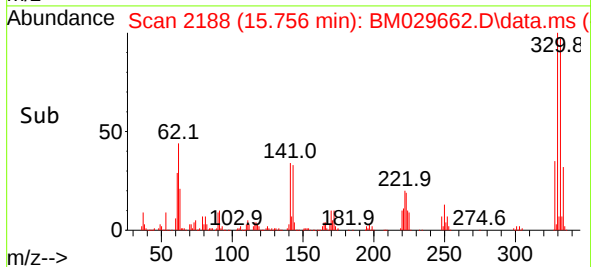
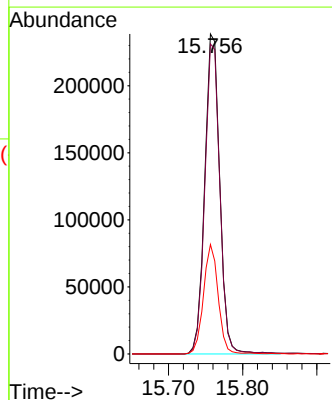
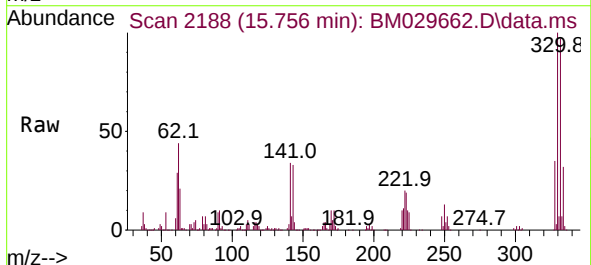
Instrument :
BNA_M
ClientSampled :
CN-1

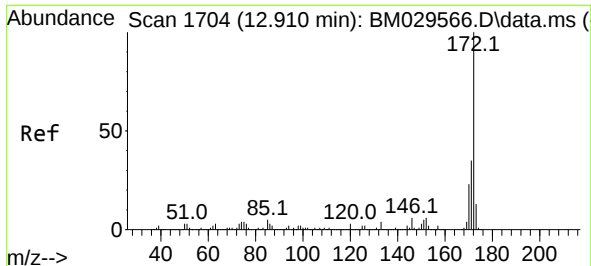
Tgt Ion:164 Resp: 144498
Ion Ratio Lower Upper
164 100
162 103.2 83.4 125.0
160 45.3 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 168.97 ng
RT: 15.756 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM029662.D
Acq: 26 Apr 2021 22:38

Tgt Ion:330 Resp: 337656
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 33.6 30.2 45.2

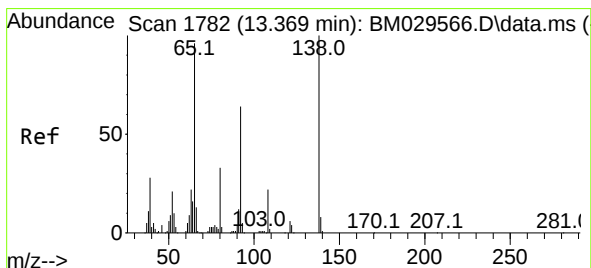
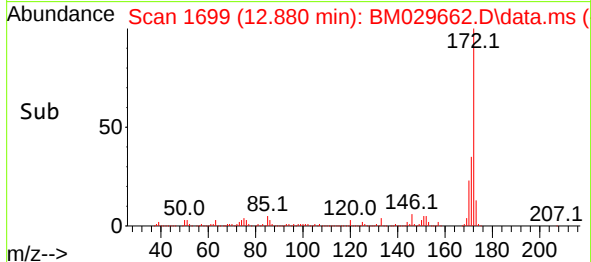
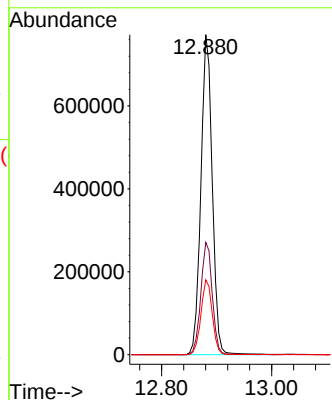
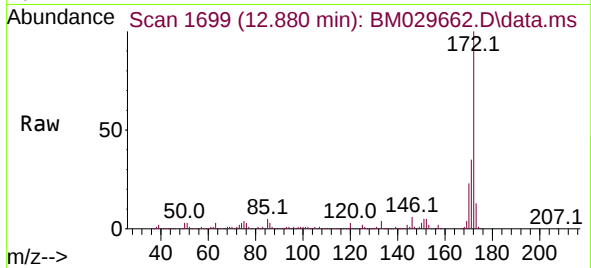




#45
2-Fluorobiphenyl
Concen: 104.25 ng
RT: 12.880 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM029662.D
Acq: 26 Apr 2021 22:38

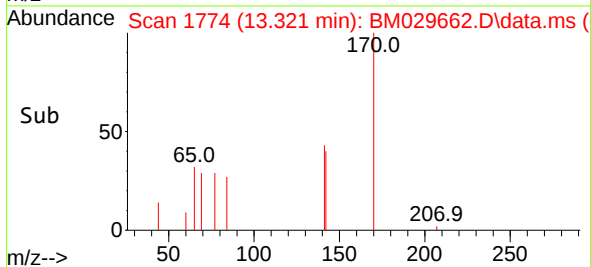
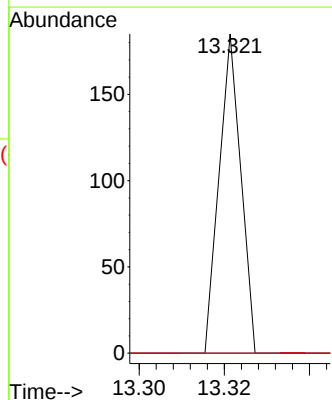
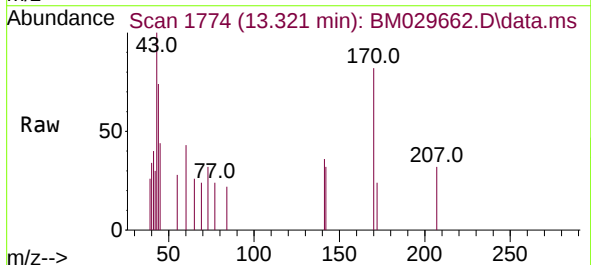
Instrument :
BNA_M
ClientSampled :
CN-1

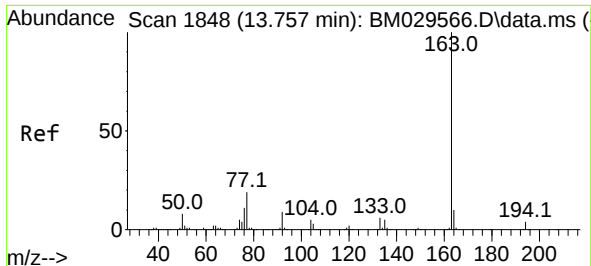
Tgt Ion:172 Resp: 1109816
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.4 18.4 27.6



#48
2-Nitroaniline
Concen: 2.89 ng
RT: 13.321 min Scan# 1774
Delta R.T. -0.024 min
Lab File: BM029662.D
Acq: 26 Apr 2021 22:38

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

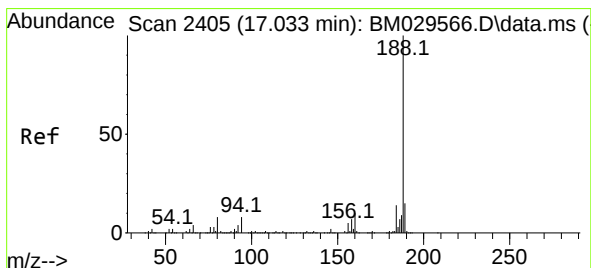
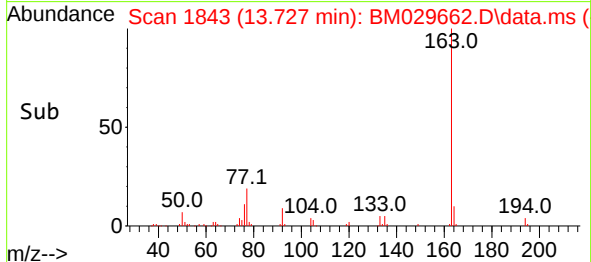
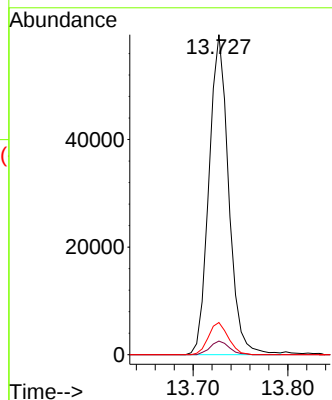
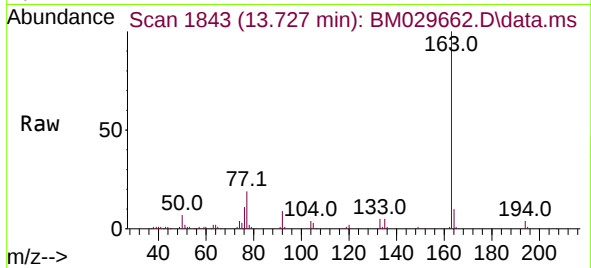




#50
Dimethylphthalate
Concen: 7.87 ng
RT: 13.727 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BM029662.D
Acq: 26 Apr 2021 22:38

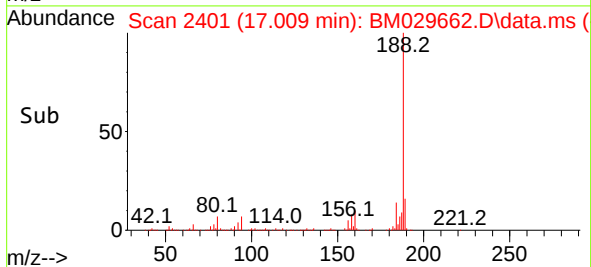
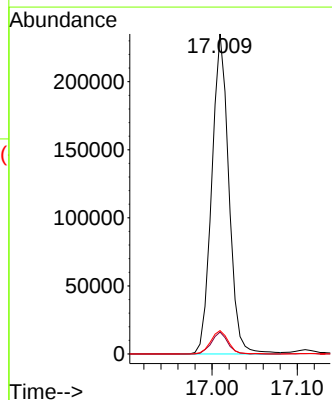
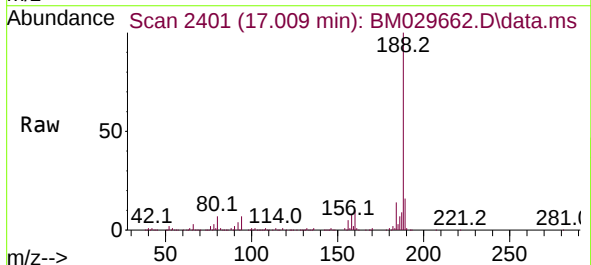
Instrument :
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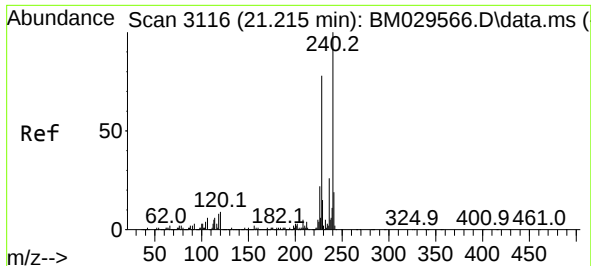
Tgt Ion:163 Resp: 85983
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 7.9 11.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.009 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BM029662.D
Acq: 26 Apr 2021 22:38

Tgt Ion:188 Resp: 326857
Ion Ratio Lower Upper
188 100
94 6.9 6.0 9.0
80 7.3 6.6 9.8

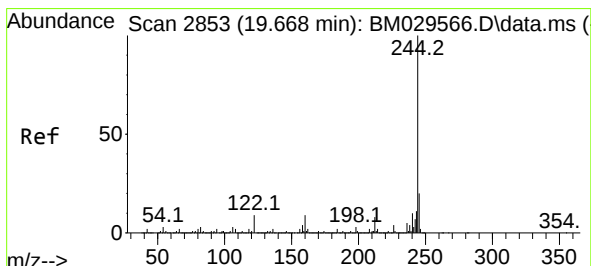
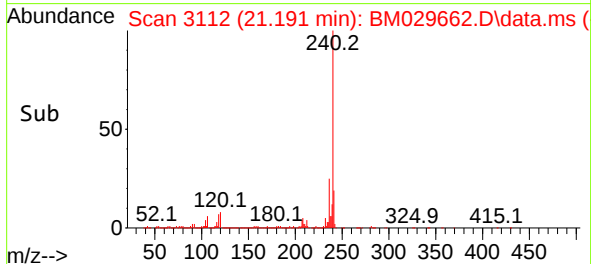
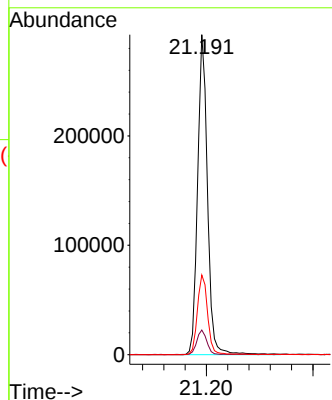
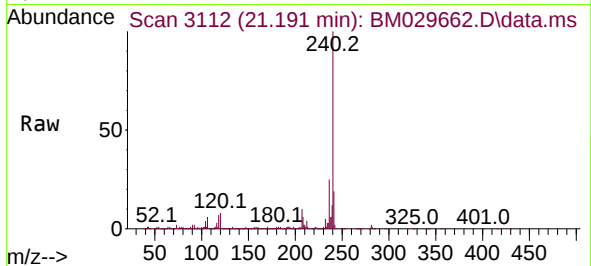




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.191 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM029662.D
Acq: 26 Apr 2021 22:38

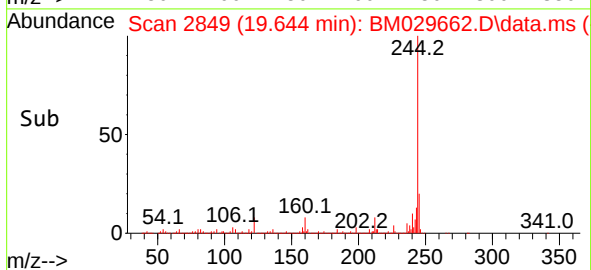
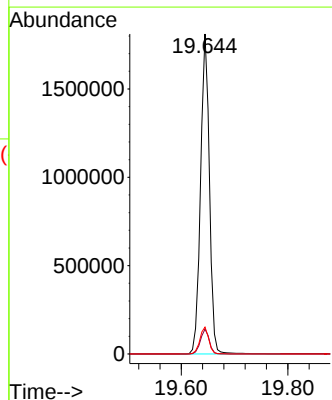
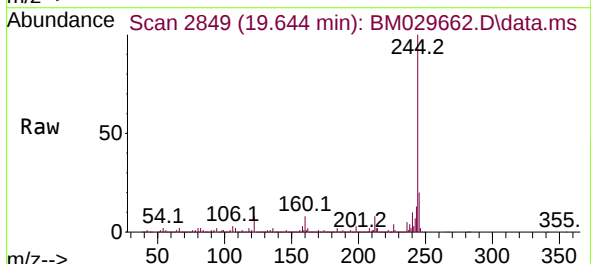
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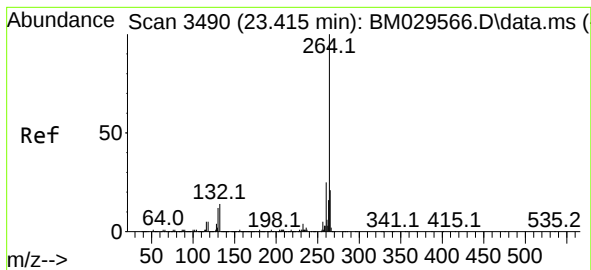
Tgt Ion:240 Resp: 374552
Ion Ratio Lower Upper
240 100
120 7.7 7.0 10.6
236 24.9 21.0 31.4



#79
Terphenyl-d14
Concen: 105.85 ng
RT: 19.644 min Scan# 2849
Delta R.T. -0.000 min
Lab File: BM029662.D
Acq: 26 Apr 2021 22:38

Tgt Ion:244 Resp: 2091249
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 8.4 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: BM029662.D
 Acq: 26 Apr 2021 22:38

Instrument :
 BNA_M
 ClientSampleId :
 CN-1

Tgt Ion:264 Resp: 395978
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.8
 265 22.8 17.7 26.5

