

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
 Data File : BM029680.D
 Acq On : 27 Apr 2021 19:03
 Operator : CG/JU
 Sample : M2160-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-03-042321

Quant Time: Apr 28 01:22:39 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)

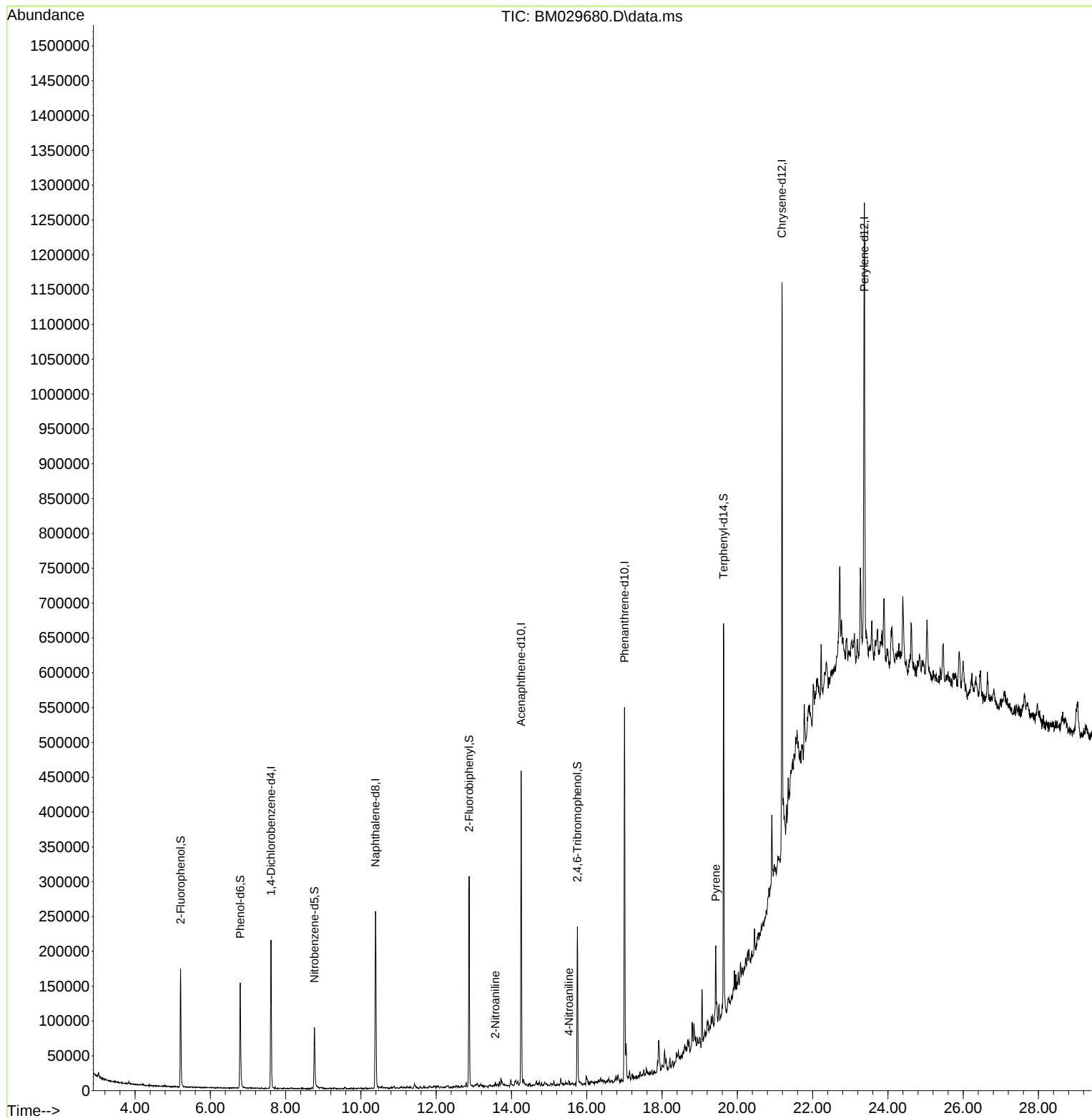
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	60990	20.00	ng	-0.01
21) Naphthalene-d8	10.386	136	220100	20.00	ng	-0.01
39) Acenaphthene-d10	14.257	164	148834	20.00	ng	-0.01
64) Phenanthrene-d10	17.004	188	329913	20.00	ng	0.00
76) Chrysene-d12	21.186	240	392648	20.00	ng	-0.01
86) Perylene-d12	23.374	264	434277	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	72477	23.82	ng	0.00
7) Phenol-d6	6.793	99	87737	19.31	ng	0.00
23) Nitrobenzene-d5	8.763	82	57872	13.54	ng	-0.01
42) 2,4,6-Tribromophenol	15.751	330	43982	21.37	ng	-0.01
45) 2-Fluorobiphenyl	12.875	172	165227	15.07	ng	-0.01
79) Terphenyl-d14	19.633	244	268645	12.97	ng	-0.01
Target Compounds						
48) 2-Nitroaniline	13.569	65	68	2.89	ng	Qvalue # 4
62) 4-Nitroaniline	15.527	138	59	3.48	ng	# 10
78) Pyrene	19.427	202	55770	2.21	ng	97

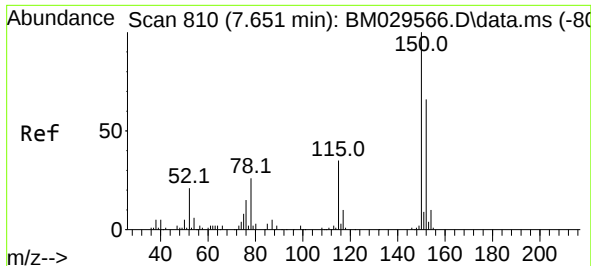
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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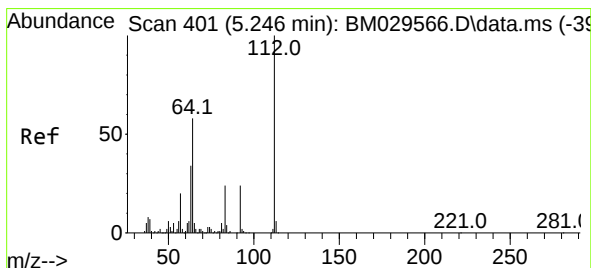
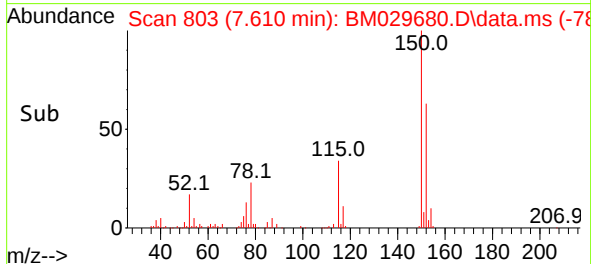
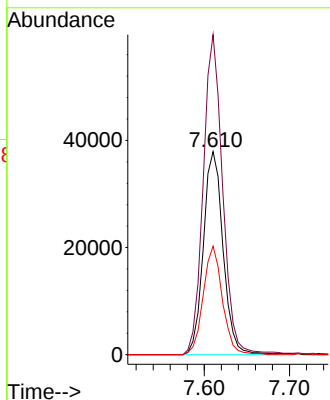
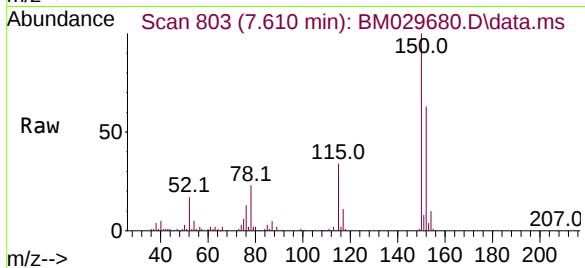




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.610 min Scan# 803
Delta R.T. -0.012 min
Lab File: BM029680.D
Acq: 27 Apr 2021 19:03

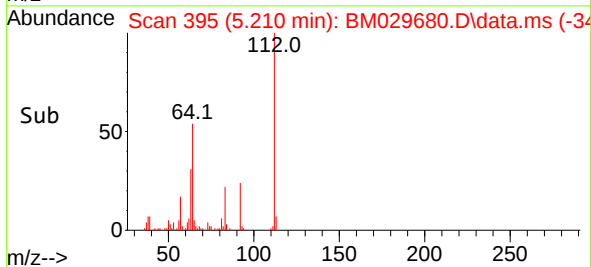
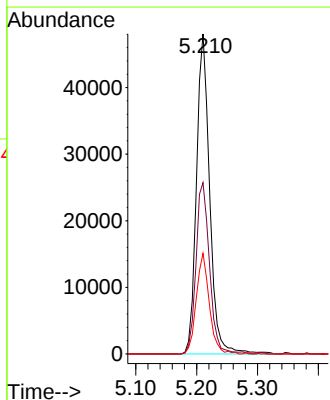
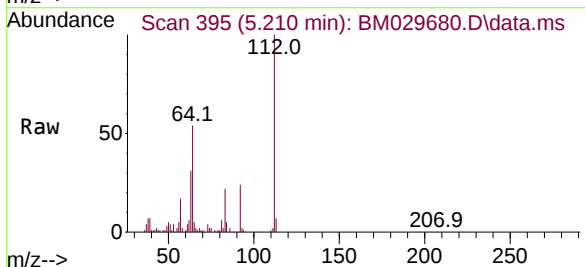
Instrument :
BNA_M
ClientSampleId :
OK-03-042321

Tgt Ion:152 Resp: 60990
Ion Ratio Lower Upper
152 100
150 157.6 125.9 188.9
115 53.5 44.6 67.0



#5
2-Fluorophenol
Concen: 23.82 ng
RT: 5.210 min Scan# 395
Delta R.T. -0.006 min
Lab File: BM029680.D
Acq: 27 Apr 2021 19:03

Tgt Ion:112 Resp: 72477
Ion Ratio Lower Upper
112 100
64 53.5 47.1 70.7
63 31.4 27.3 40.9

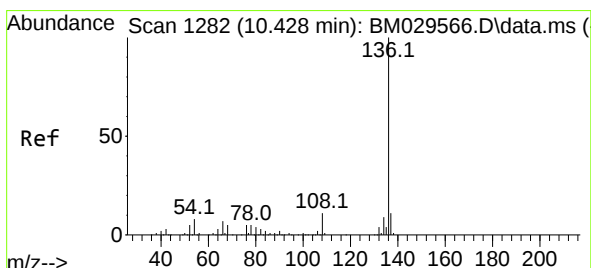
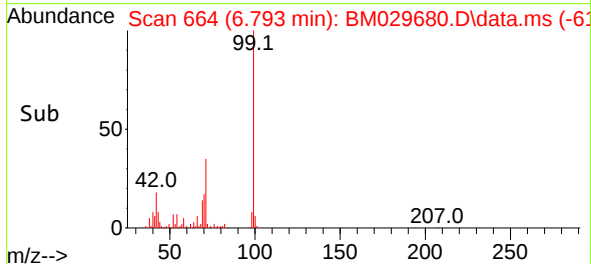
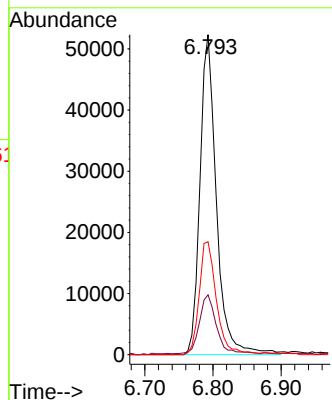
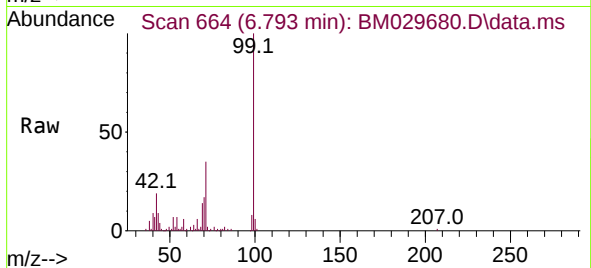




#7
Phenol-d6
Concen: 19.31 ng
RT: 6.793 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM029680.D
Acq: 27 Apr 2021 19:03

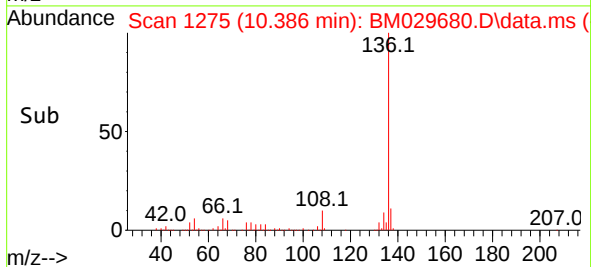
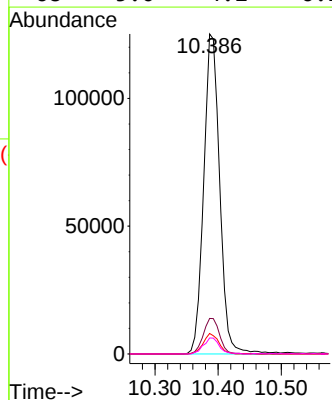
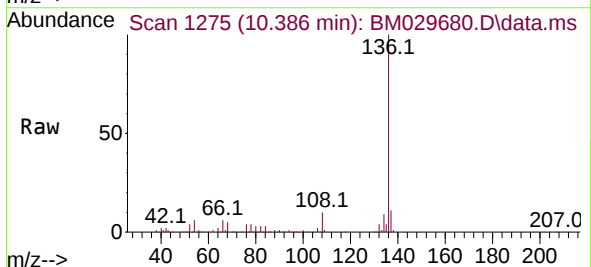
Instrument :
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ClientSampleId :
OK-03-042321

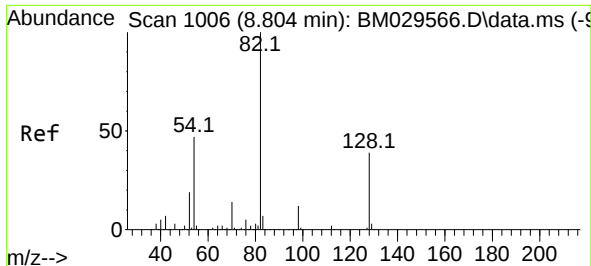
Tgt Ion:	99	Resp:	87737
Ion	Ratio	Lower	Upper
99	100		
42	18.7	18.0	27.0
71	35.3	30.9	46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.386 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BM029680.D
Acq: 27 Apr 2021 19:03

Tgt Ion:	136	Resp:	220100
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	6.4	5.5	8.3
68	5.0	4.2	6.2

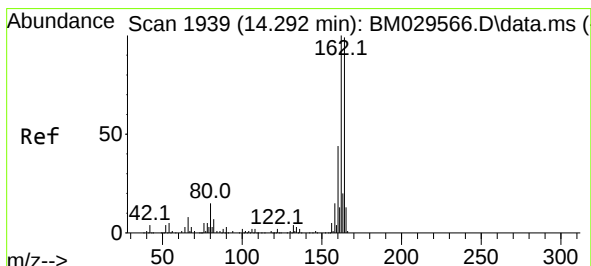
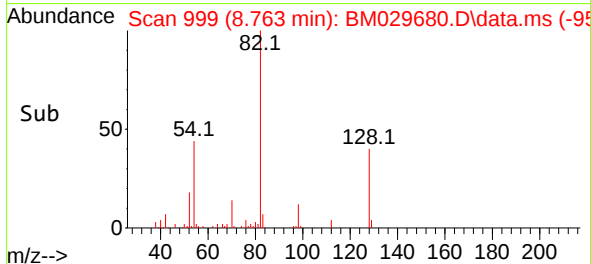
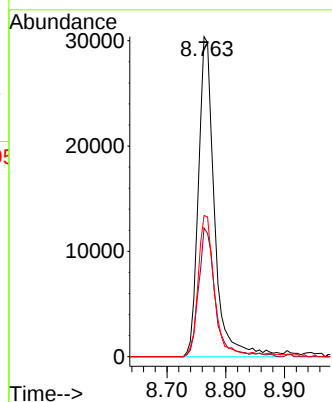
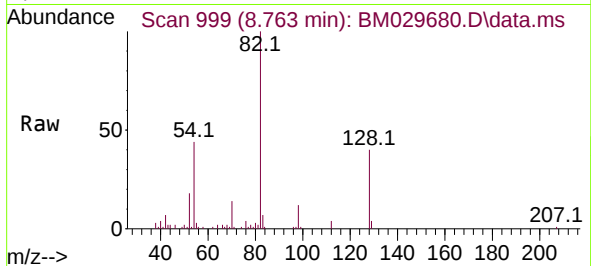




#23
Nitrobenzene-d5
Concen: 13.54 ng
RT: 8.763 min Scan# 999
Delta R.T. -0.012 min
Lab File: BM029680.D
Acq: 27 Apr 2021 19:03

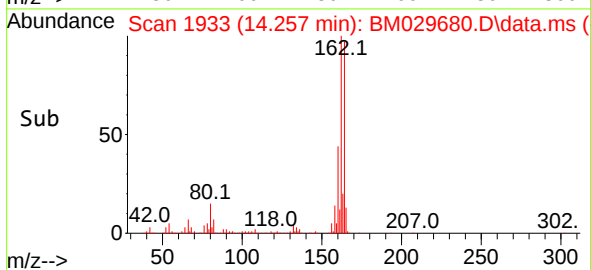
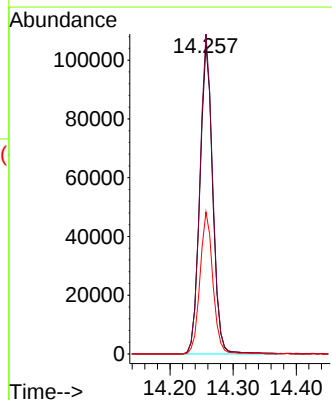
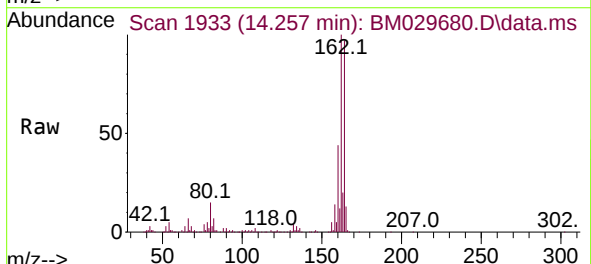
Instrument :
BNA_M
ClientSampleId :
OK-03-042321

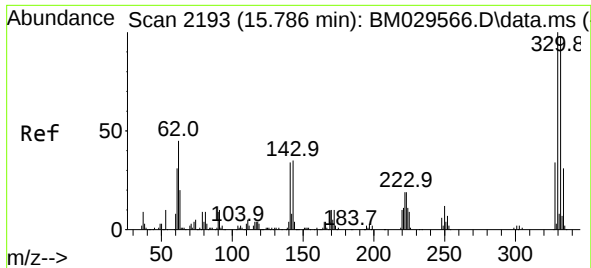
Tgt Ion: 82 Resp: 57872
Ion Ratio Lower Upper
82 100
128 40.2 31.1 46.7
54 44.1 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.257 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BM029680.D
Acq: 27 Apr 2021 19:03

Tgt Ion: 164 Resp: 148834
Ion Ratio Lower Upper
164 100
162 103.5 83.4 125.0
160 45.9 37.2 55.8

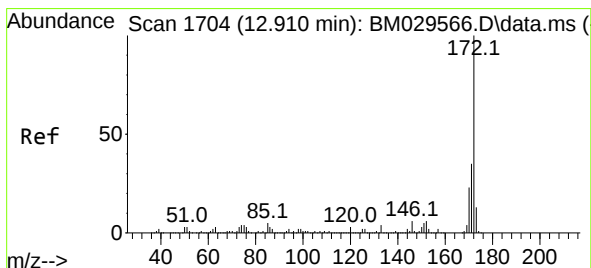
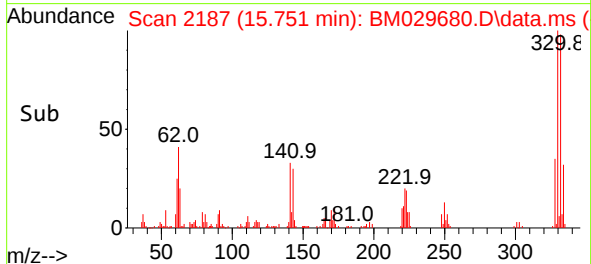
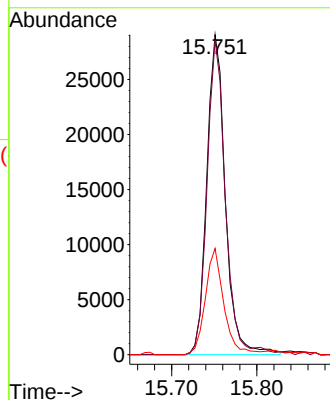
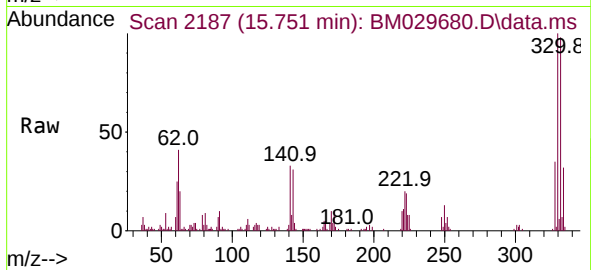




#42
2,4,6-Tribromophenol
Concen: 21.37 ng
RT: 15.751 min Scan# 2187
Delta R.T. -0.012 min
Lab File: BM029680.D
Acq: 27 Apr 2021 19:03

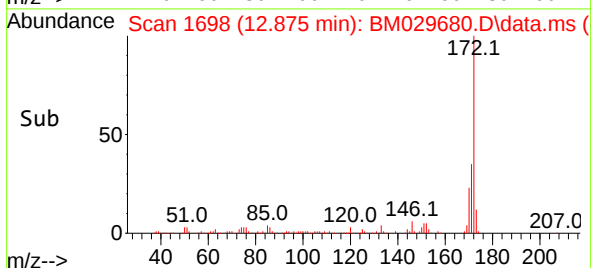
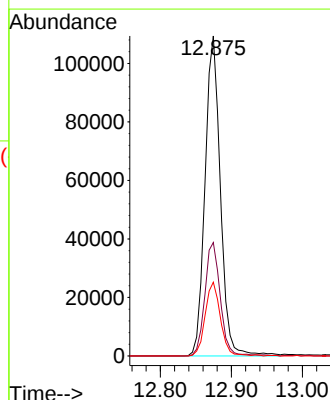
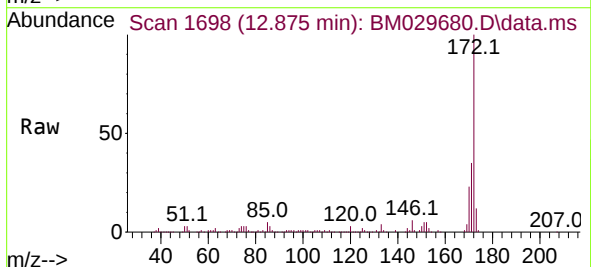
Instrument :
BNA_M
ClientSampled :
OK-03-042321

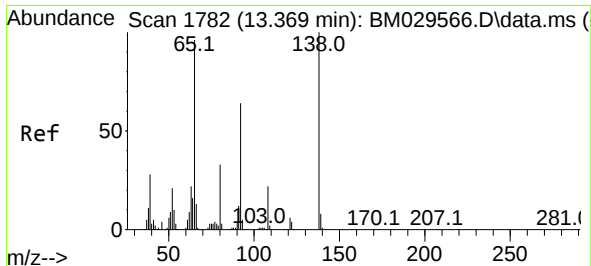
Tgt Ion:330 Resp: 43982
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 33.2 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 15.07 ng
RT: 12.875 min Scan# 1698
Delta R.T. -0.012 min
Lab File: BM029680.D
Acq: 27 Apr 2021 19:03

Tgt Ion:172 Resp: 165227
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.1 18.4 27.6

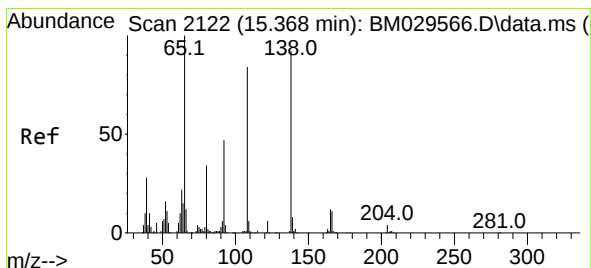
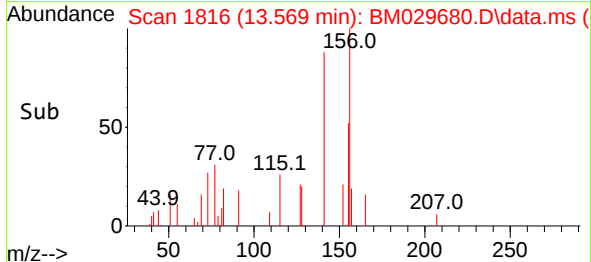
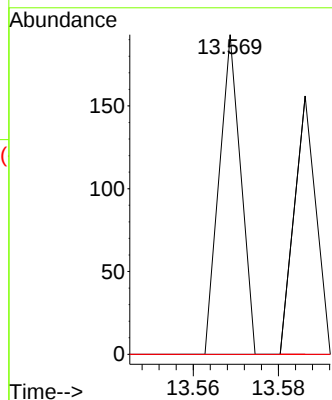
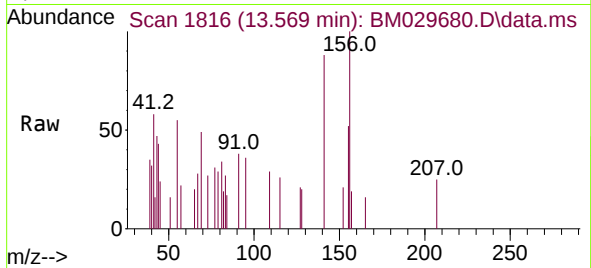




#48
2-Nitroaniline
Concen: 2.89 ng
RT: 13.569 min Scan# 1816
Delta R.T. 0.224 min
Lab File: BM029680.D
Acq: 27 Apr 2021 19:03

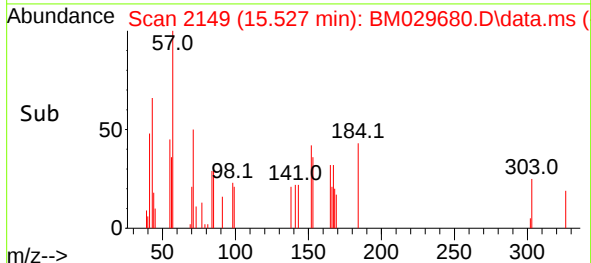
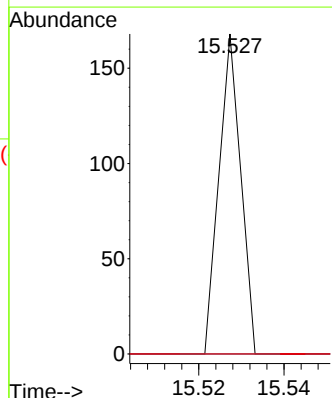
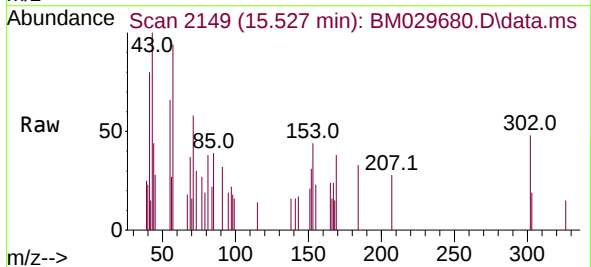
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ClientSampleId :
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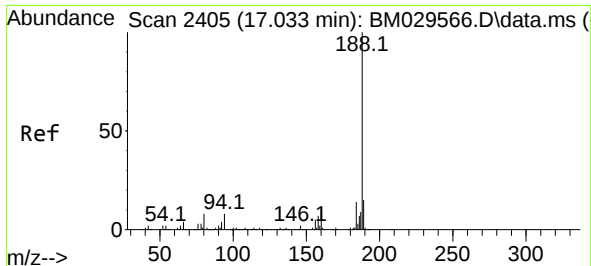
Tgt Ion: 65 Resp: 68
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#62
4-Nitroaniline
Concen: 3.48 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.182 min
Lab File: BM029680.D
Acq: 27 Apr 2021 19:03

Tgt Ion:138 Resp: 59
Ion Ratio Lower Upper
138 100
92 0.0 33.4 73.4#
108 0.0 75.5 115.5#

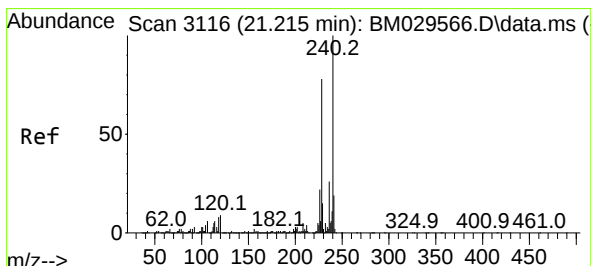
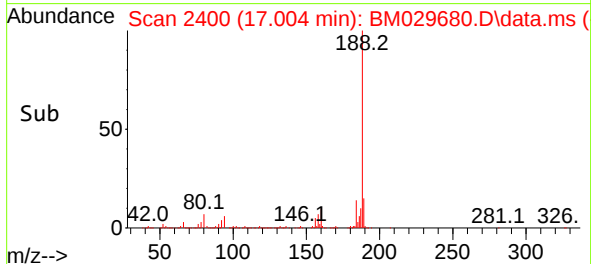
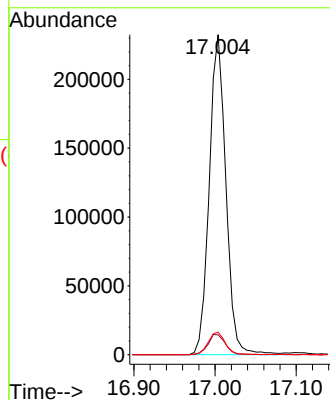
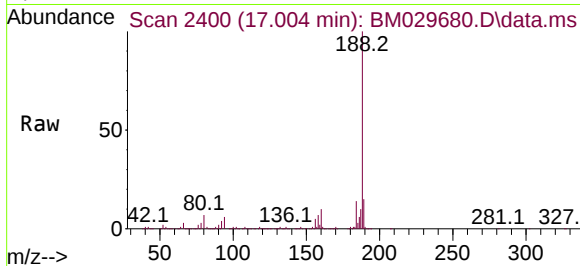




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.004 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BM029680.D
Acq: 27 Apr 2021 19:03

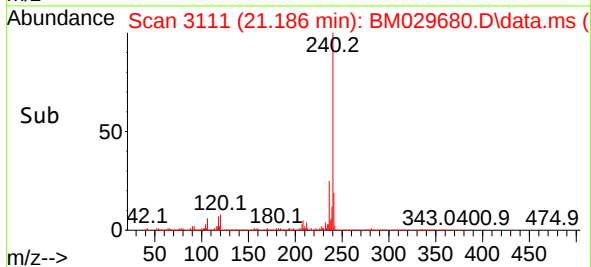
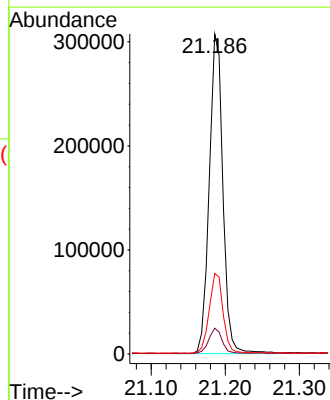
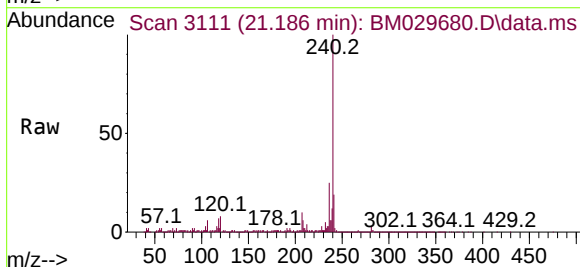
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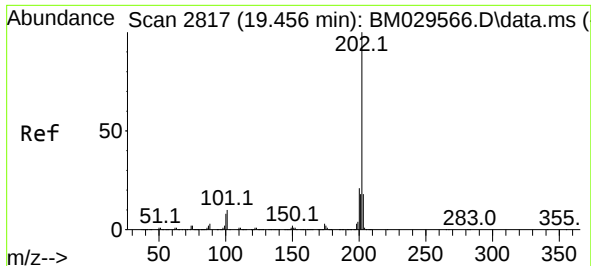
Tgt Ion:188 Resp: 329913
Ion Ratio Lower Upper
188 100
94 6.2 6.0 9.0
80 7.1 6.6 9.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.186 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM029680.D
Acq: 27 Apr 2021 19:03

Tgt Ion:240 Resp: 392648
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 25.2 21.0 31.4

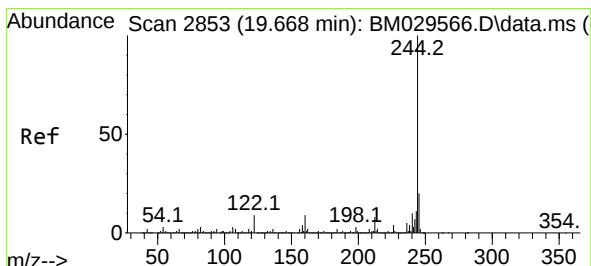
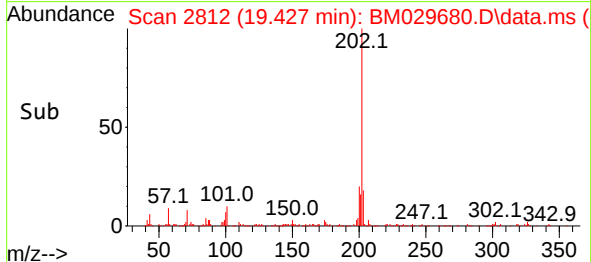
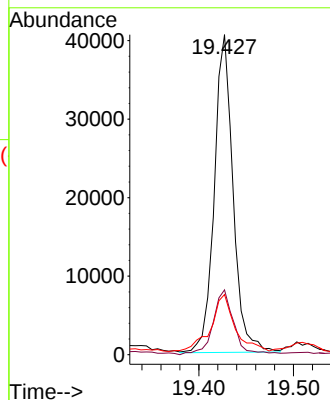
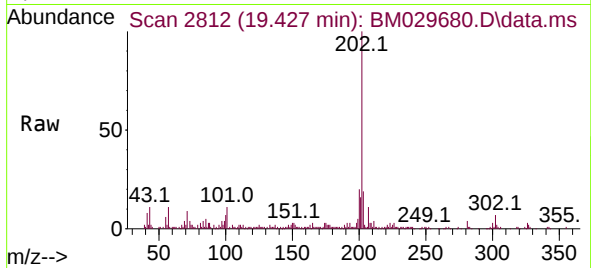




#78
Pyrene
Concen: 2.21 ng
RT: 19.427 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BM029680.D
Acq: 27 Apr 2021 19:03

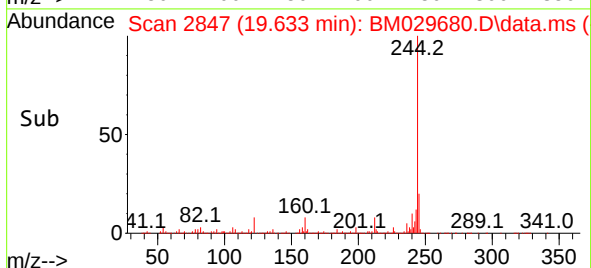
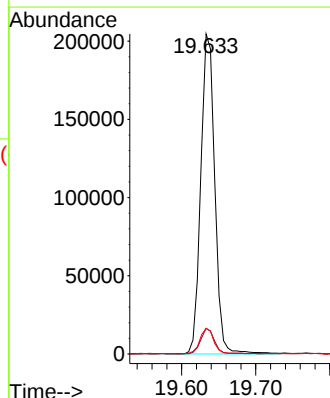
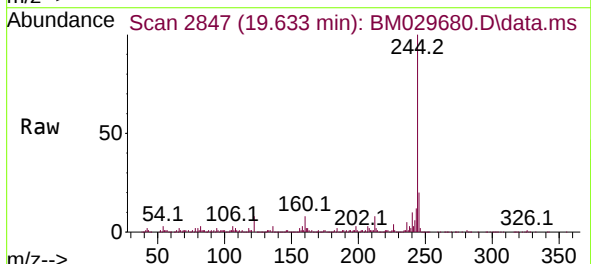
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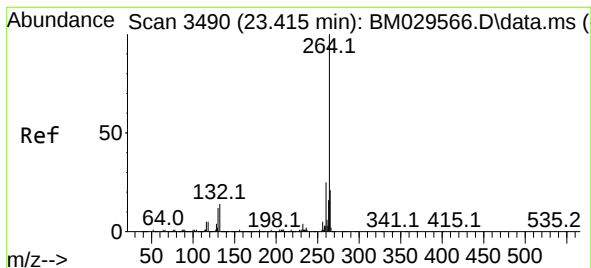
Tgt Ion:	202	Resp:	55770
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.3	25.9
203	18.8	13.9	20.9



#79
Terphenyl-d14
Concen: 12.97 ng
RT: 19.633 min Scan# 2847
Delta R.T. -0.012 min
Lab File: BM029680.D
Acq: 27 Apr 2021 19:03

Tgt Ion:	244	Resp:	268645
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.3	9.5
122	8.0	6.9	10.3





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.374 min Scan# 3483
 Delta R.T. -0.006 min
 Lab File: BM029680.D
 Acq: 27 Apr 2021 19:03

Instrument :
 BNA_M
 ClientSampleId :
 OK-03-042321

Tgt Ion:264 Resp: 434277
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.8 29.8
 265 22.7 17.7 26.5

