

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042121\
 Data File : BM029578.D
 Acq On : 21 Apr 2021 22:24
 Operator : CG/JU
 Sample : M2110-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-8

Quant Time: Apr 22 04:30:54 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)

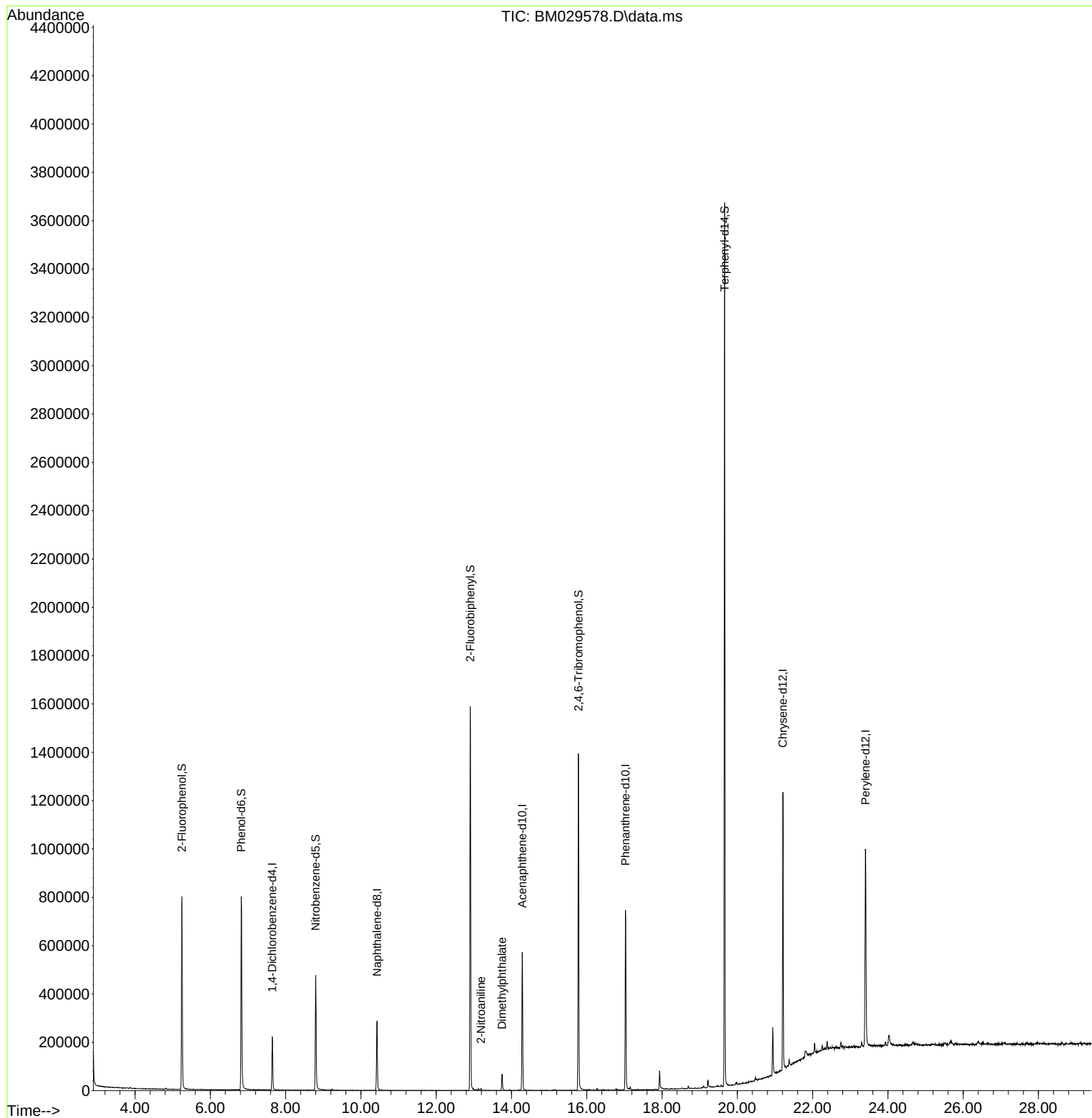
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	60411	20.00	ng	0.00
21) Naphthalene-d8	10.428	136	234163	20.00	ng	0.00
39) Acenaphthene-d10	14.286	164	187757	20.00	ng	0.00
64) Phenanthrene-d10	17.027	188	448717	20.00	ng	0.00
76) Chrysene-d12	21.209	240	519416	20.00	ng	0.00
86) Perylene-d12	23.403	264	564255	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	320566	106.38	ng	0.00
7) Phenol-d6	6.822	99	429810	95.50	ng	0.00
23) Nitrobenzene-d5	8.798	82	278565	61.27	ng	0.00
42) 2,4,6-Tribromophenol	15.780	330	234033	90.13	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	819947	59.27	ng	0.00
79) Terphenyl-d14	19.662	244	1521766	55.54	ng	0.00
Target Compounds						
48) 2-Nitroaniline	13.192	65	55	2.88	ng	Qvalue # 4
50) Dimethylphthalate	13.751	163	47410	3.34	ng	98

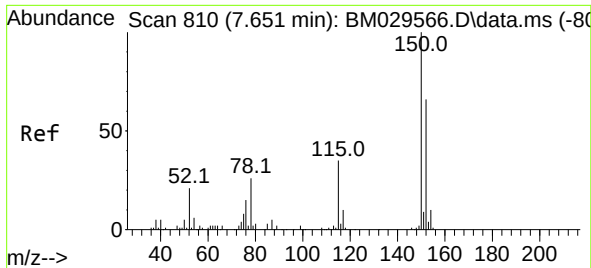
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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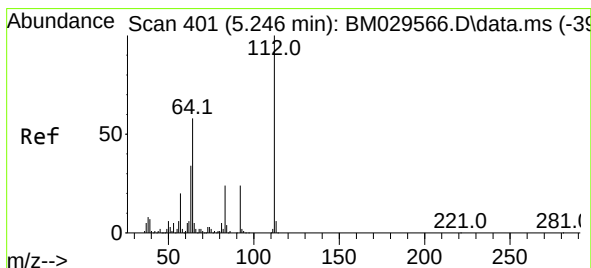
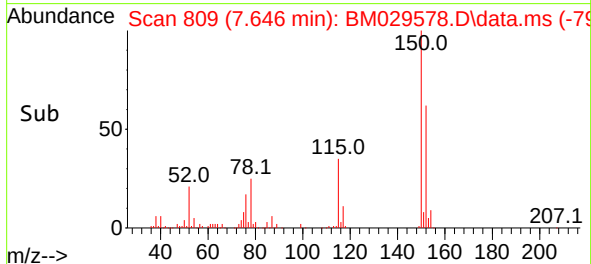
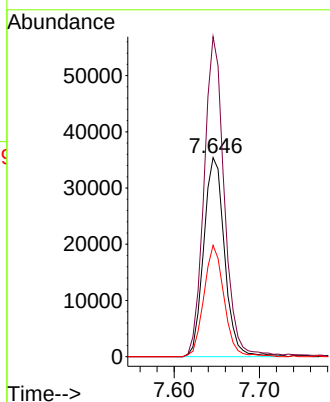
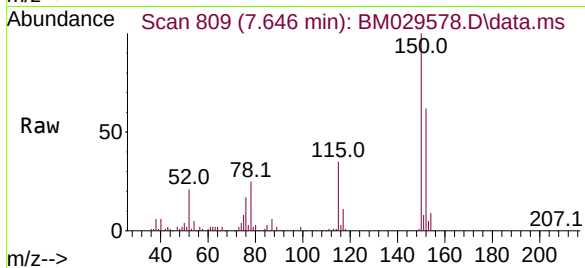




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.646 min Scan# 809
Delta R.T. -0.005 min
Lab File: BM029578.D
Acq: 21 Apr 2021 22:24

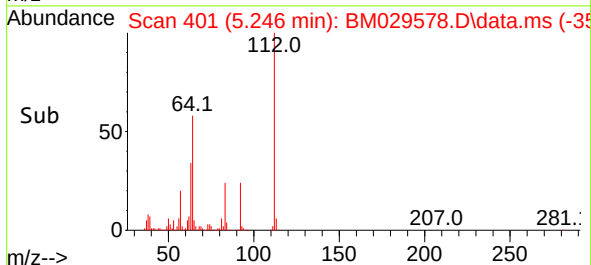
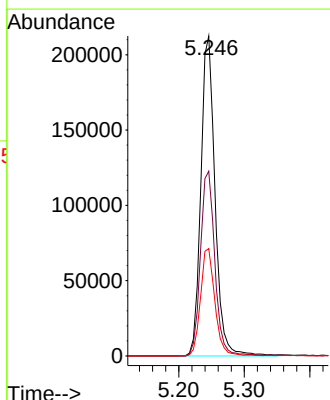
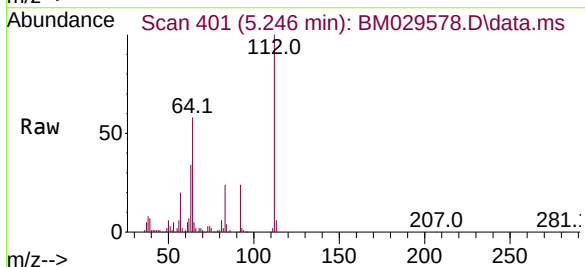
Instrument :
BNA_M
ClientSampled :
S-8

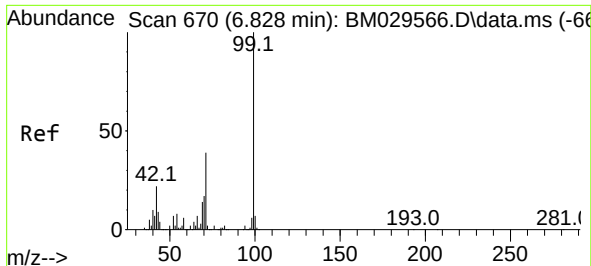
Tgt Ion:152 Resp: 60411
Ion Ratio Lower Upper
152 100
150 160.8 125.9 188.9
115 55.9 44.6 67.0



#5
2-Fluorophenol
Concen: 106.38 ng
RT: 5.246 min Scan# 401
Delta R.T. 0.000 min
Lab File: BM029578.D
Acq: 21 Apr 2021 22:24

Tgt Ion:112 Resp: 320566
Ion Ratio Lower Upper
112 100
64 57.8 47.1 70.7
63 33.6 27.3 40.9

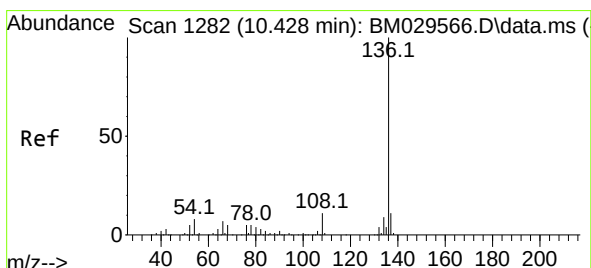
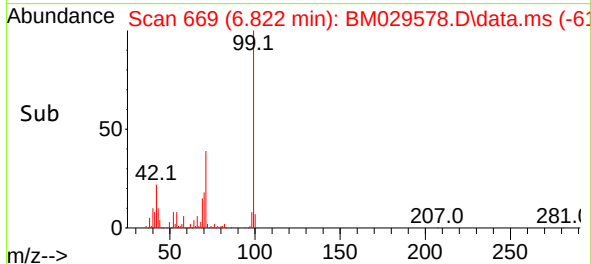
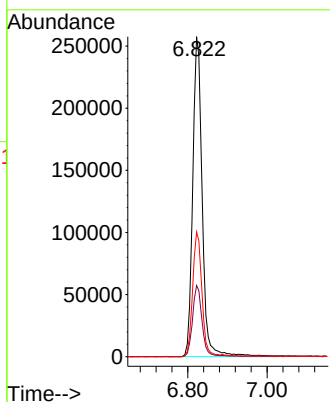
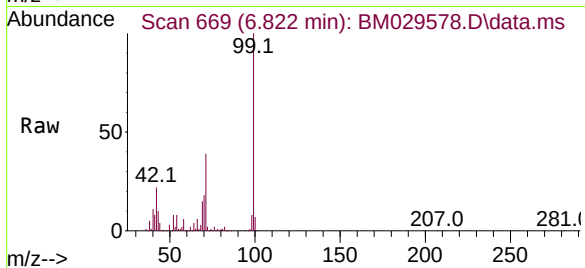




#7
Phenol-d6
Concen: 95.50 ng
RT: 6.822 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM029578.D
Acq: 21 Apr 2021 22:24

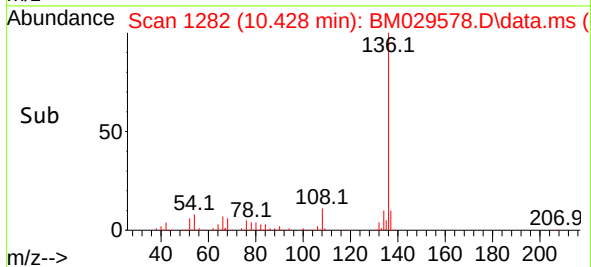
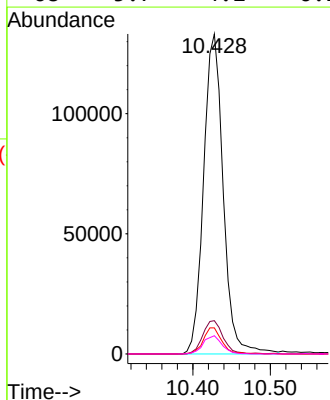
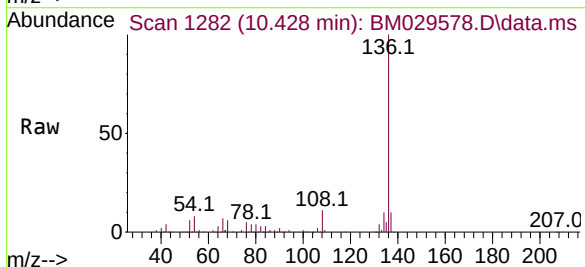
Instrument :
BNA_M
ClientSampled :
S-8

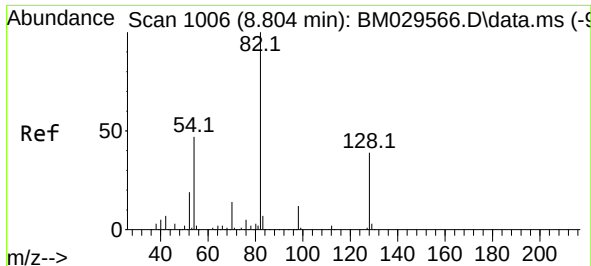
Tgt Ion: 99 Resp: 429810
Ion Ratio Lower Upper
99 100
42 22.2 18.0 27.0
71 39.0 30.9 46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.428 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BM029578.D
Acq: 21 Apr 2021 22:24

Tgt Ion: 136 Resp: 234163
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 8.2 5.5 8.3
68 5.7 4.2 6.2

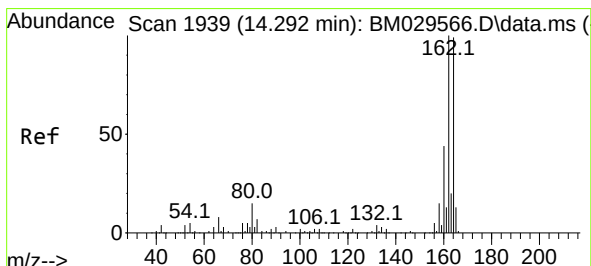
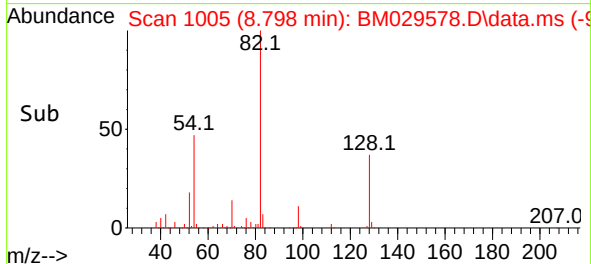
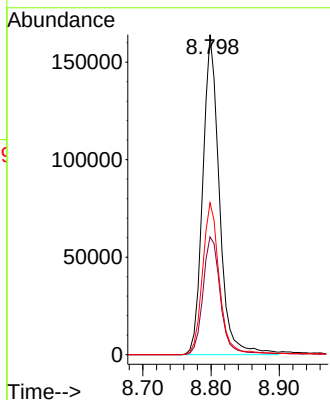
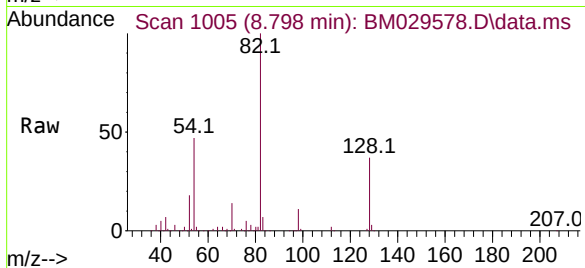




#23
Nitrobenzene-d5
Concen: 61.27 ng
RT: 8.798 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM029578.D
Acq: 21 Apr 2021 22:24

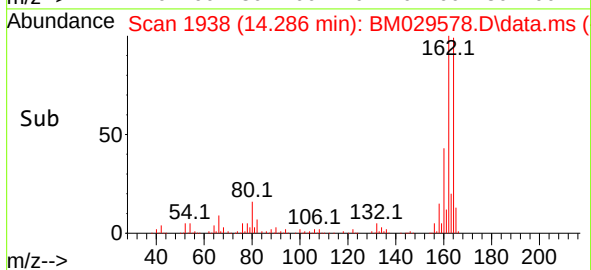
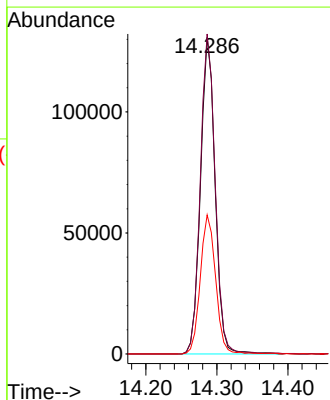
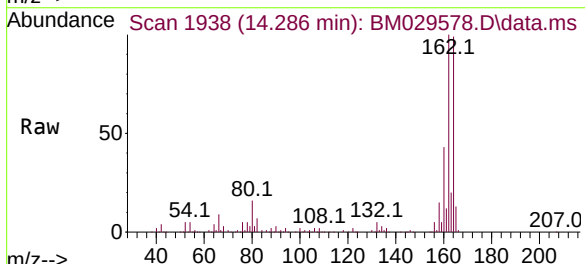
Instrument :
BNA_M
ClientSampled :
S-8

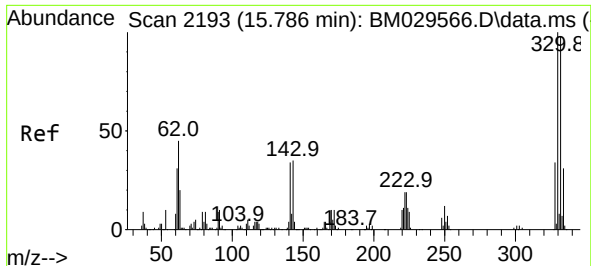
Tgt Ion: 82 Resp: 278565
Ion Ratio Lower Upper
82 100
128 36.8 31.1 46.7
54 47.5 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.286 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM029578.D
Acq: 21 Apr 2021 22:24

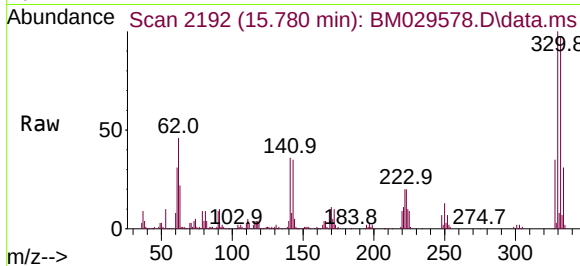
Tgt Ion: 164 Resp: 187757
Ion Ratio Lower Upper
164 100
162 101.1 83.4 125.0
160 43.9 37.2 55.8



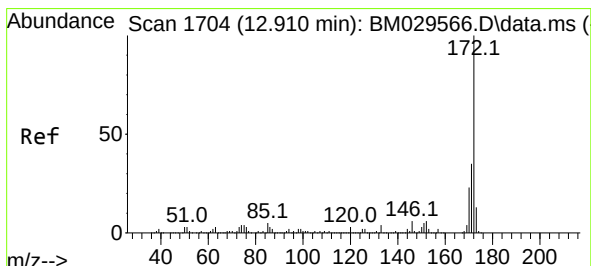
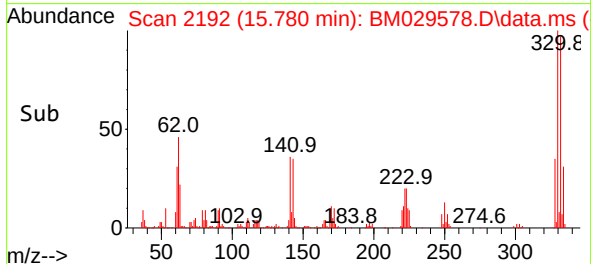
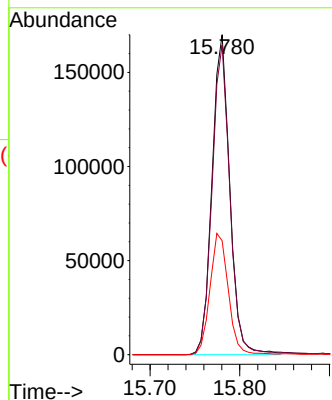


#42
2,4,6-Tribromophenol
Concen: 90.13 ng
RT: 15.780 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BM029578.D
Acq: 21 Apr 2021 22:24

Instrument :
BNA_M
ClientSampled :
S-8

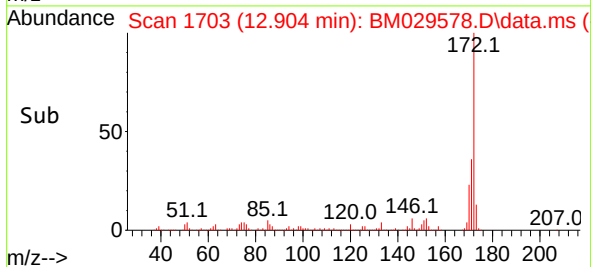
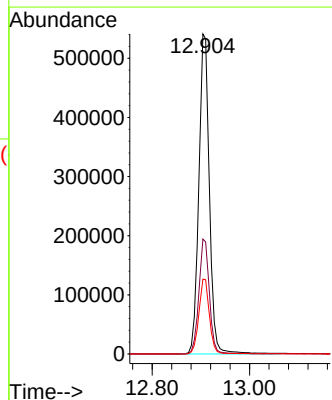
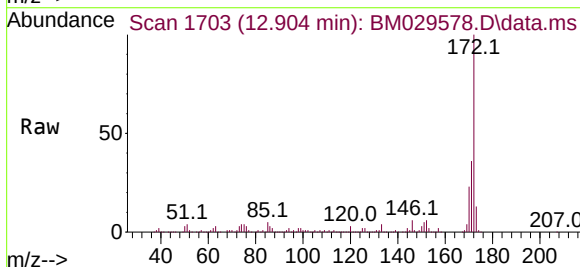


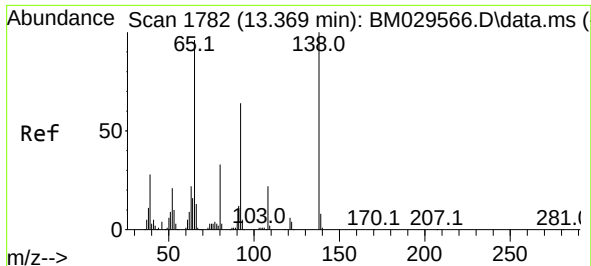
Tgt Ion:330 Resp: 234033
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.4
141 39.1 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 59.27 ng
RT: 12.904 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM029578.D
Acq: 21 Apr 2021 22:24

Tgt Ion:172 Resp: 819947
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.4 18.4 27.6

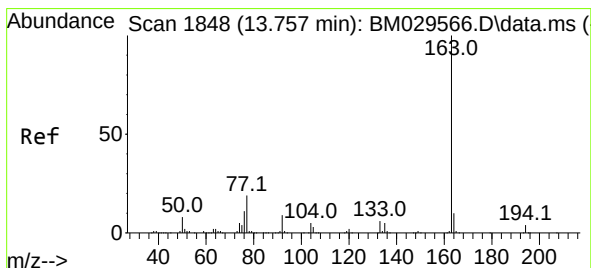
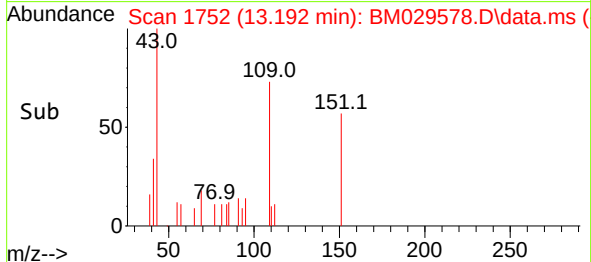
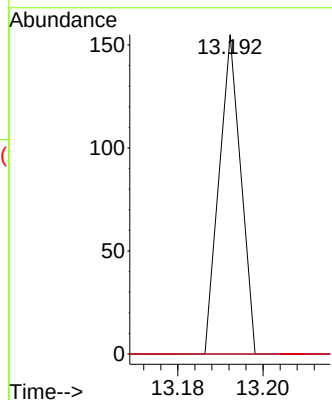
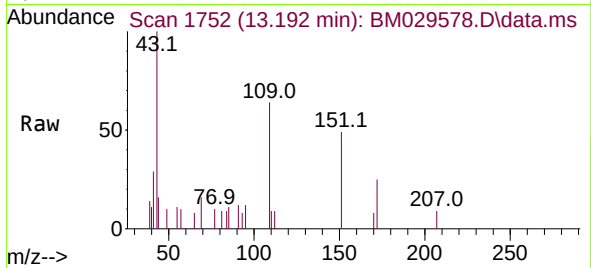




#48
2-Nitroaniline
Concen: 2.88 ng
RT: 13.192 min Scan# 1752
Delta R.T. -0.177 min
Lab File: BM029578.D
Acq: 21 Apr 2021 22:24

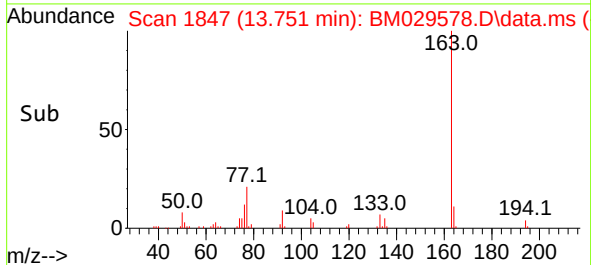
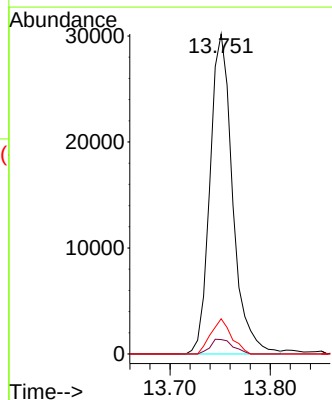
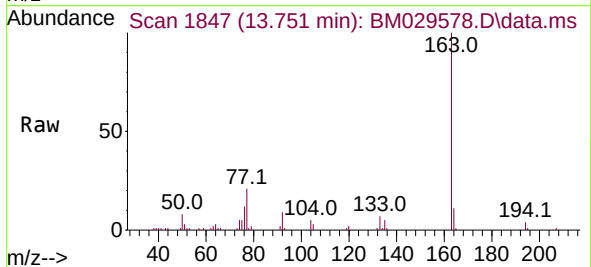
Instrument :
BNA_M
ClientSampled :
S-8

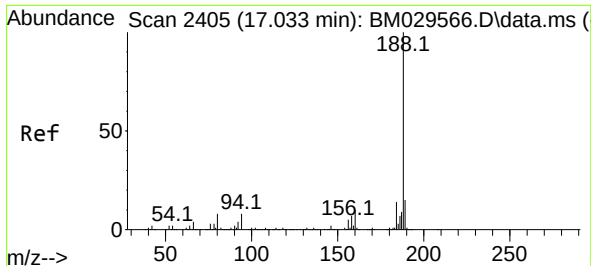
Tgt Ion: 65 Resp: 55
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#50
Dimethylphthalate
Concen: 3.34 ng
RT: 13.751 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BM029578.D
Acq: 21 Apr 2021 22:24

Tgt Ion:163 Resp: 47410
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 11.0 7.9 11.9

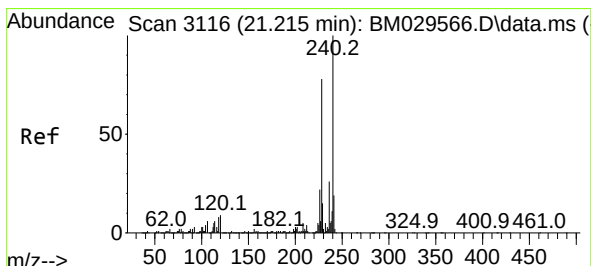
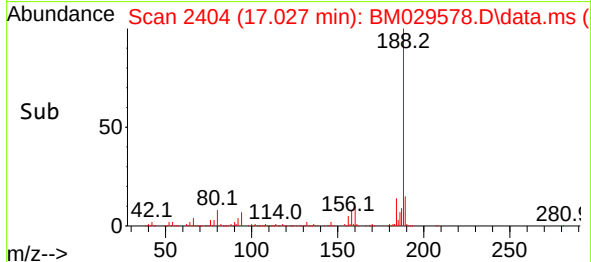
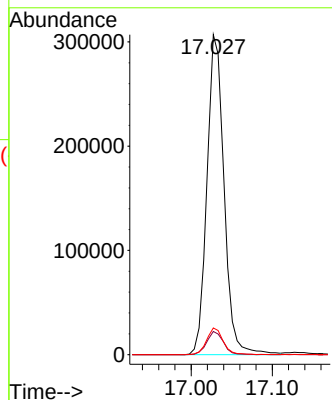
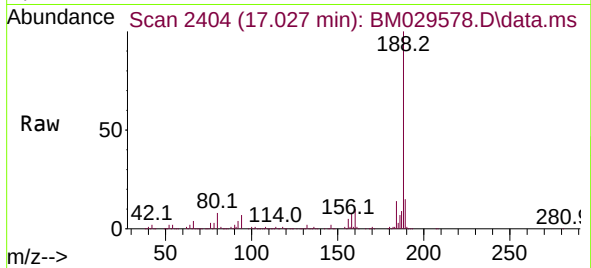




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.027 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM029578.D
Acq: 21 Apr 2021 22:24

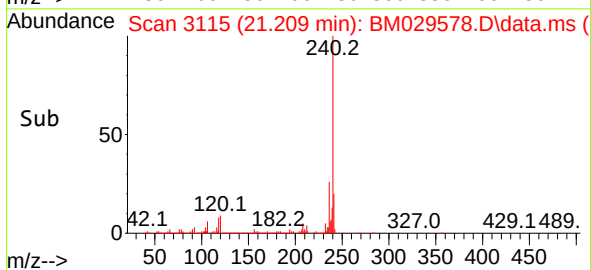
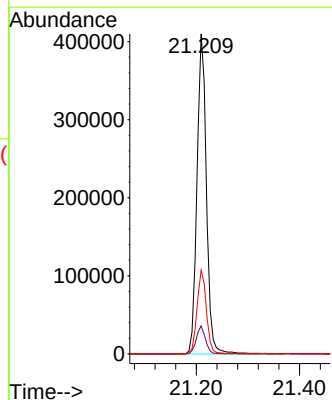
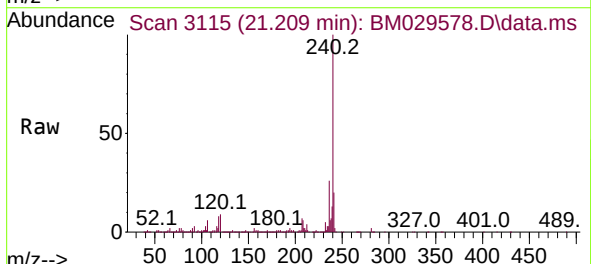
Instrument :
BNA_M
ClientSampled :
S-8

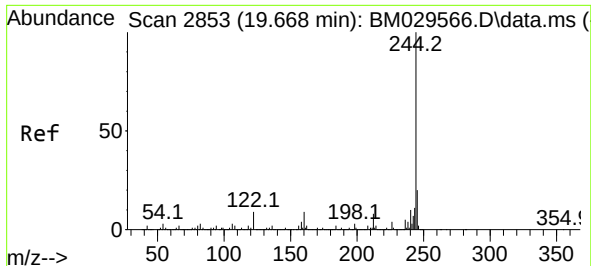
Tgt Ion:188 Resp: 448717
Ion Ratio Lower Upper
188 100
94 7.3 6.0 9.0
80 8.4 6.6 9.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM029578.D
Acq: 21 Apr 2021 22:24

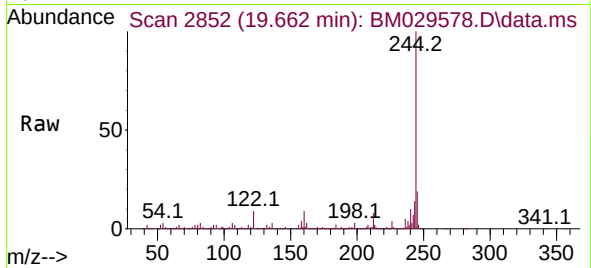
Tgt Ion:240 Resp: 519416
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 26.1 21.0 31.4





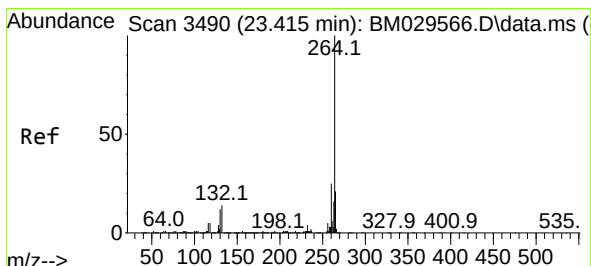
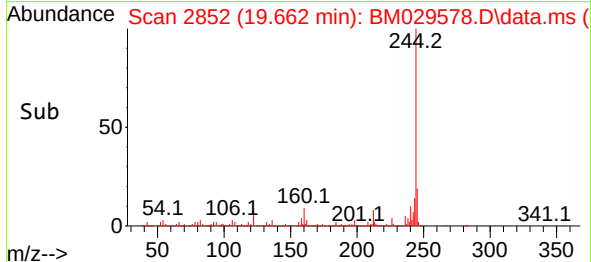
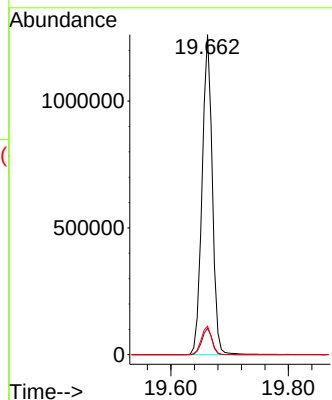
#79
 Terphenyl-d14
 Concen: 55.54 ng
 RT: 19.662 min Scan# 2852
 Delta R.T. -0.006 min
 Lab File: BM029578.D
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Tgt Ion:244 Resp: 1521766

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.3	9.5
122	8.9	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: BM029578.D
 Acq: 21 Apr 2021 22:24

Tgt Ion:264 Resp: 564255

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	21.1	17.7	26.5

