

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042221\
 Data File : BM029607.D
 Acq On : 22 Apr 2021 23:10
 Operator : CG/JU
 Sample : M2106-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-24-0-2.0

Quant Time: Apr 23 02:26:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 22 15:55:11 2021
 Response via : Initial Calibration

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

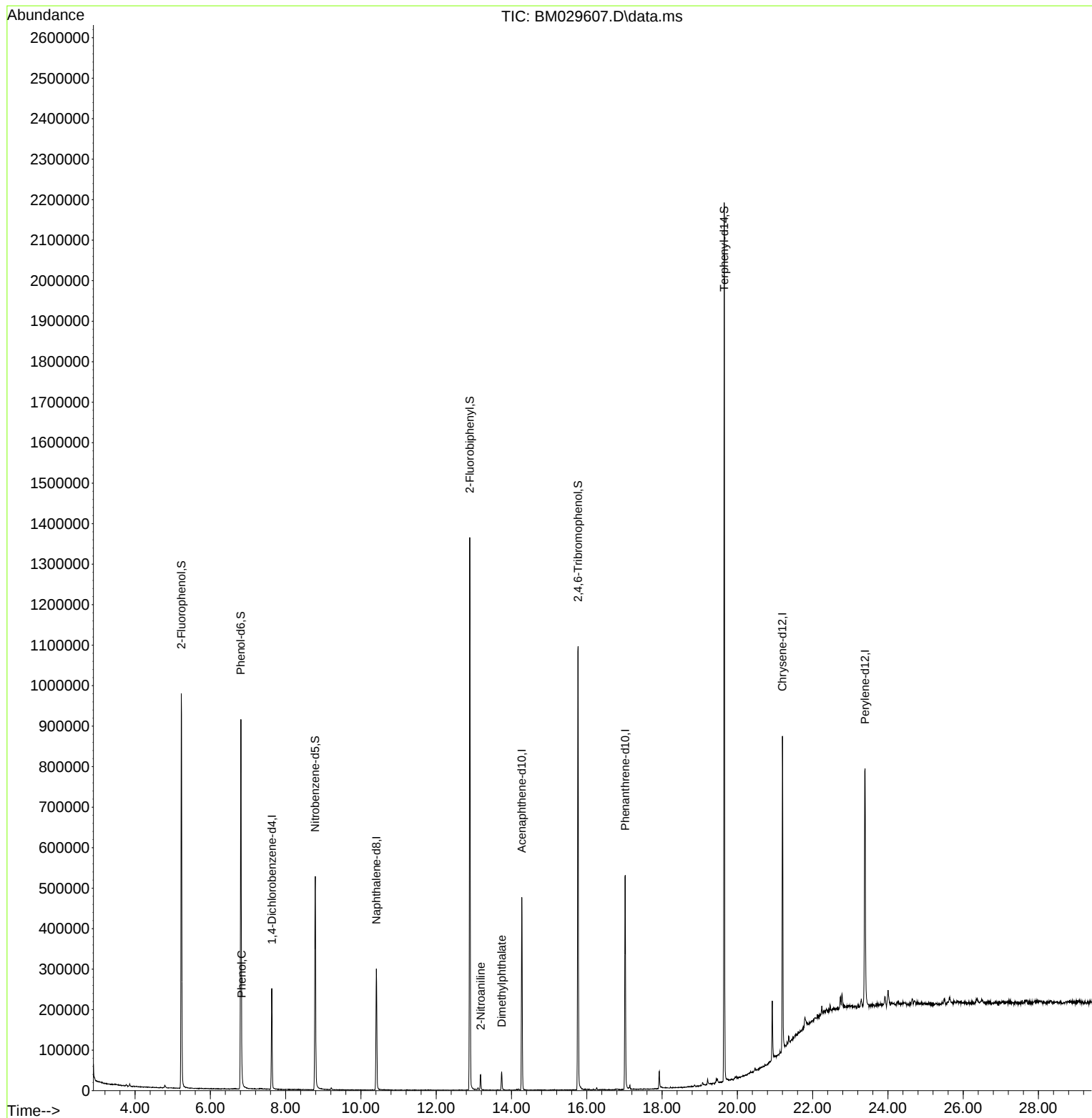
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	69377	20.00	ng	0.00
21) Naphthalene-d8	10.410	136	244656	20.00	ng	0.00
39) Acenaphthene-d10	14.275	164	155360	20.00	ng	0.00
64) Phenanthrene-d10	17.021	188	326652	20.00	ng	0.00
76) Chrysene-d12	21.198	240	360474	20.00	ng	0.00
86) Perylene-d12	23.392	264	398632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	383222	110.74	ng	0.00
7) Phenol-d6	6.810	99	474706	91.84	ng	0.00
23) Nitrobenzene-d5	8.787	82	311410	65.56	ng	0.00
42) 2,4,6-Tribromophenol	15.769	330	185024	86.12	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	701936	61.32	ng	0.00
79) Terphenyl-d14	19.651	244	919856	48.38	ng	0.00
Target Compounds						
10) Phenol	6.834	94	11779	2.35	ng	Qvalue 81
48) 2-Nitroaniline	13.180	65	580	3.07	ng	# 4
50) Dimethylphthalate	13.739	163	32985	2.81	ng	98

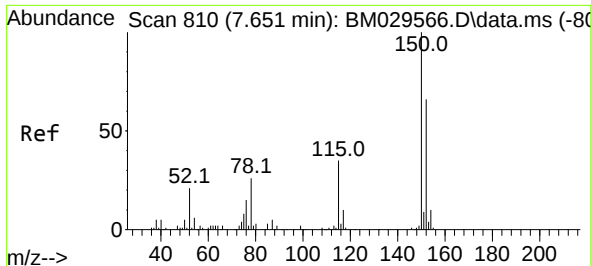
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 22 15:55:11 2021
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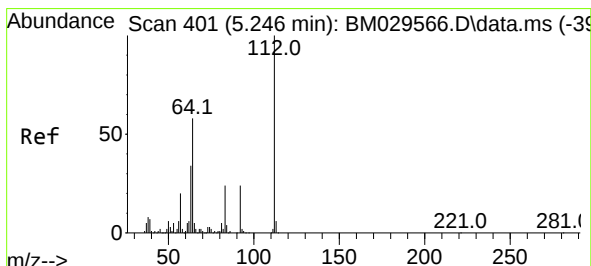
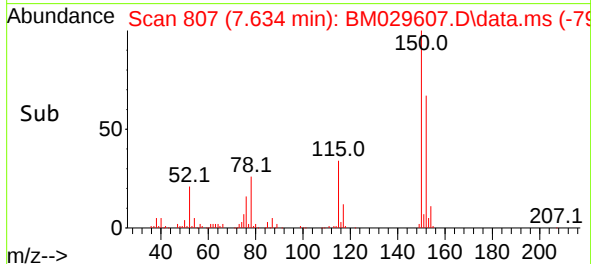
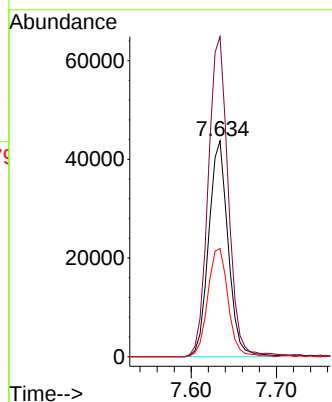
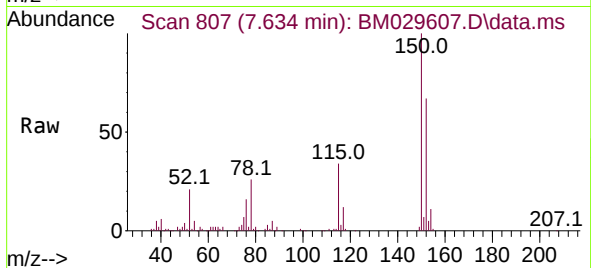




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM029607.D
Acq: 22 Apr 2021 23:10

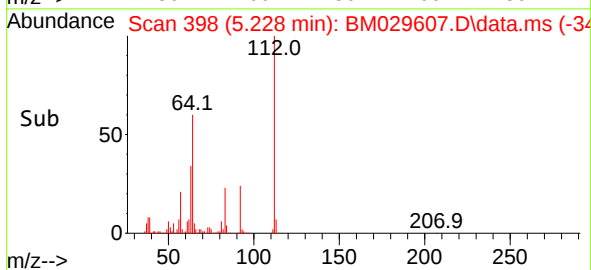
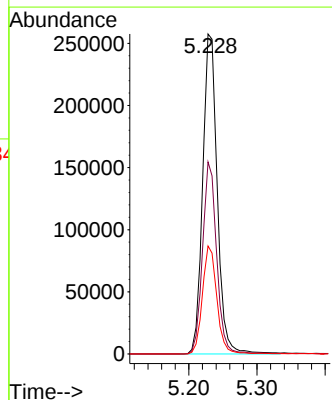
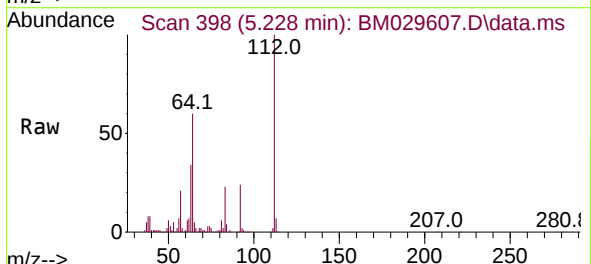
Instrument :
BNA_M
ClientSampleId :
SB-24-0-2.0

Tgt Ion:152 Resp: 69377
Ion Ratio Lower Upper
152 100
150 148.3 125.9 188.9
115 50.1 44.6 67.0



#5
2-Fluorophenol
Concen: 110.74 ng
RT: 5.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: BM029607.D
Acq: 22 Apr 2021 23:10

Tgt Ion:112 Resp: 383222
Ion Ratio Lower Upper
112 100
64 60.0 47.1 70.7
63 33.8 27.3 40.9

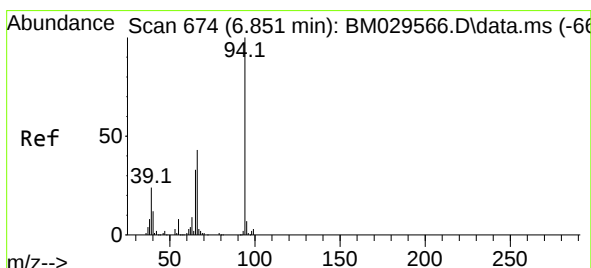
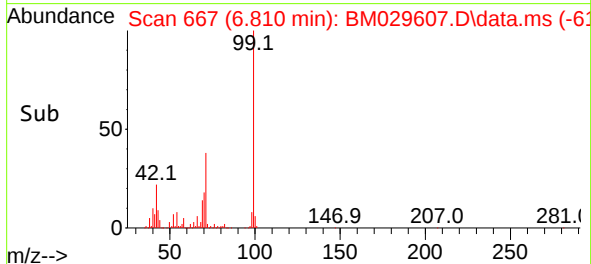
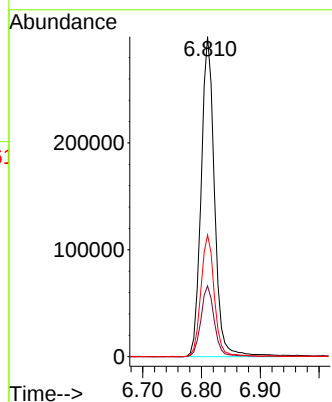
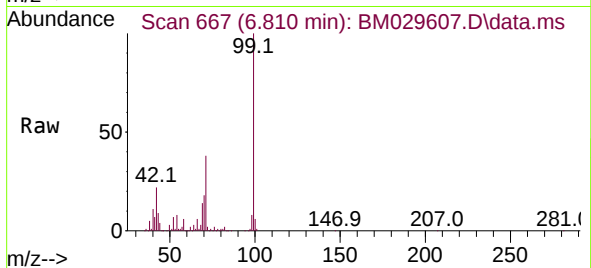




#7
Phenol-d6
Concen: 91.84 ng
RT: 6.810 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM029607.D
Acq: 22 Apr 2021 23:10

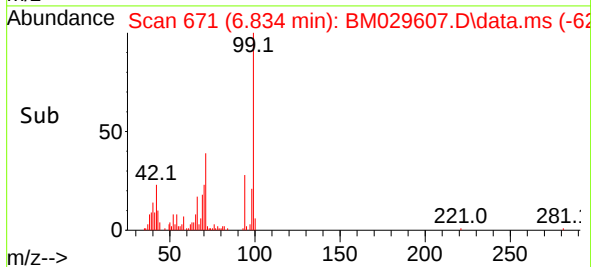
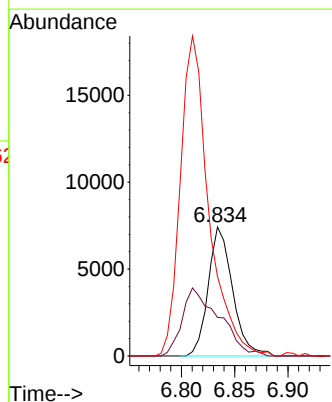
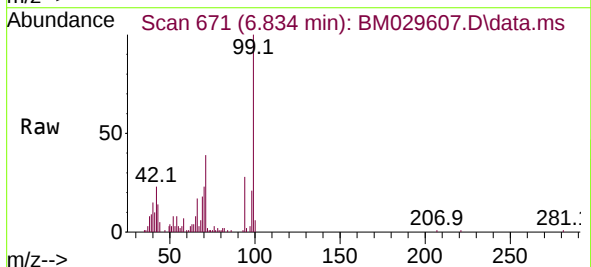
Instrument :
BNA_M
ClientSampleId :
SB-24-0-2.0

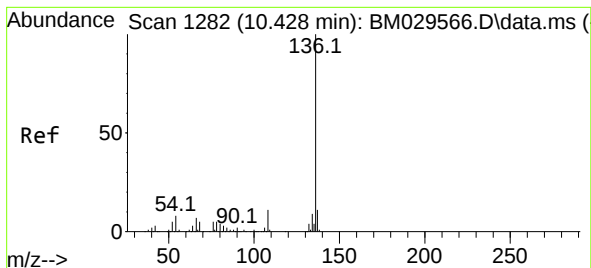
Tgt Ion: 99 Resp: 474706
Ion Ratio Lower Upper
99 100
42 22.1 18.0 27.0
71 38.0 30.9 46.3



#10
Phenol
Concen: 2.35 ng
RT: 6.834 min Scan# 671
Delta R.T. -0.006 min
Lab File: BM029607.D
Acq: 22 Apr 2021 23:10

Tgt Ion: 94 Resp: 11779
Ion Ratio Lower Upper
94 100
65 29.9 11.9 51.9
66 61.7 22.6 62.6

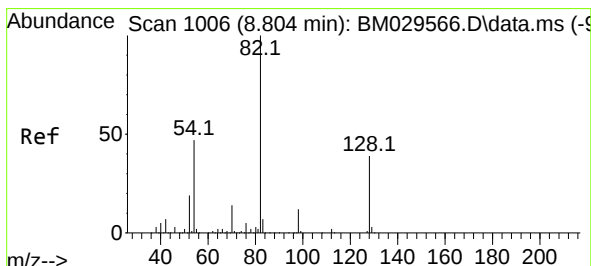
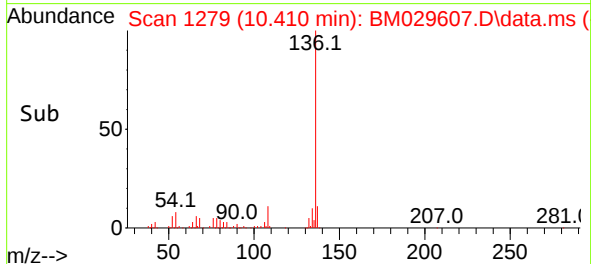
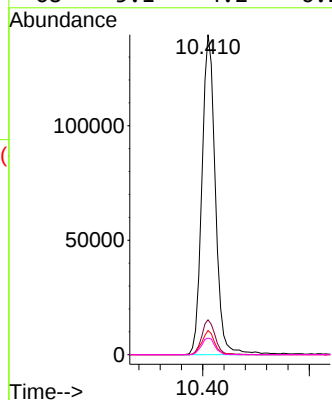
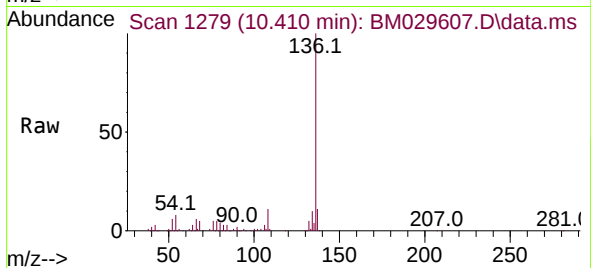




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.410 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BM029607.D
Acq: 22 Apr 2021 23:10

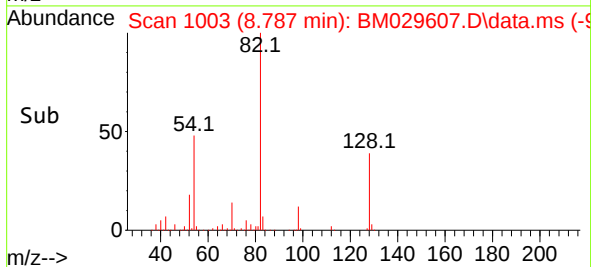
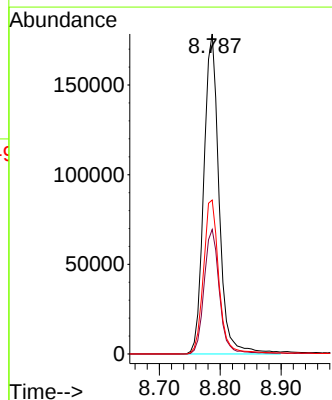
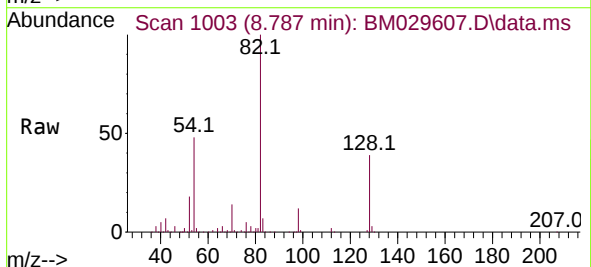
Instrument :
BNA_M
ClientSampleId :
SB-24-0-2.0

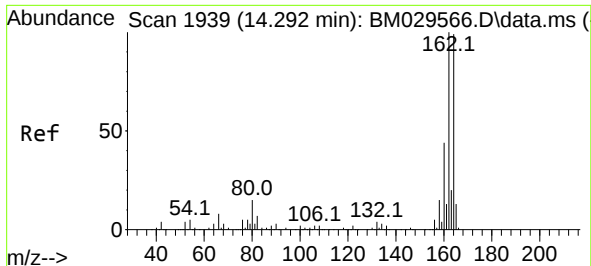
Tgt Ion:136	Resp: 244656
Ion Ratio	Lower Upper
136	100
137	10.9 8.4 12.6
54	7.6 5.5 8.3
68	5.1 4.2 6.2



#23
Nitrobenzene-d5
Concen: 65.56 ng
RT: 8.787 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BM029607.D
Acq: 22 Apr 2021 23:10

Tgt Ion: 82	Resp: 311410
Ion Ratio	Lower Upper
82	100
128	38.9 31.1 46.7
54	48.1 37.3 55.9

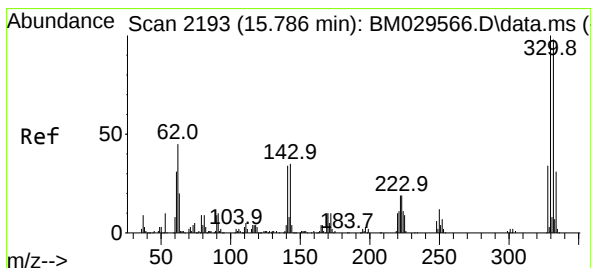
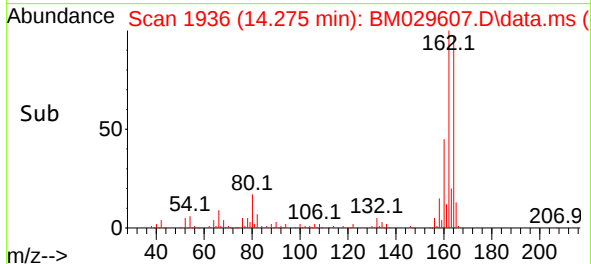
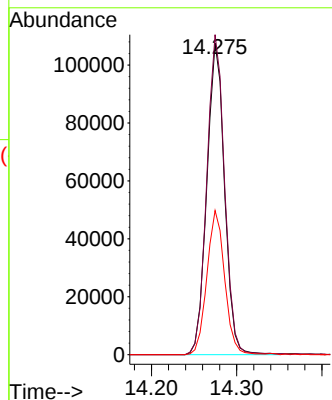
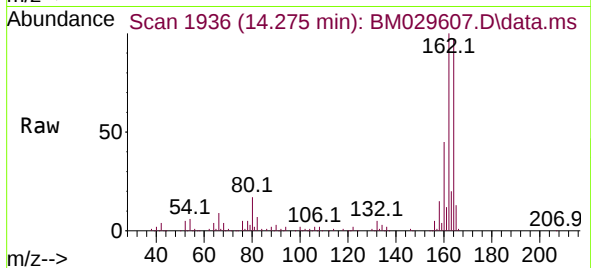




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.275 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM029607.D
Acq: 22 Apr 2021 23:10

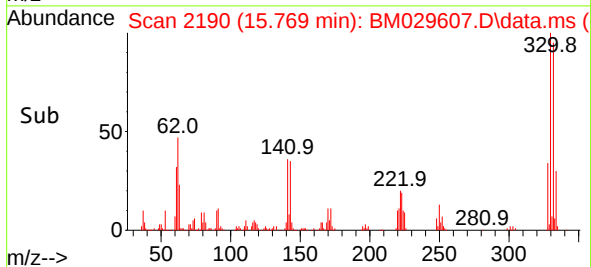
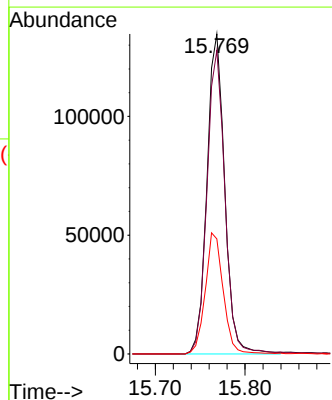
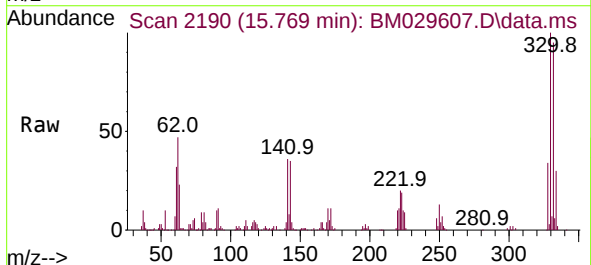
Instrument :
BNA_M
ClientSampleId :
SB-24-0-2.0

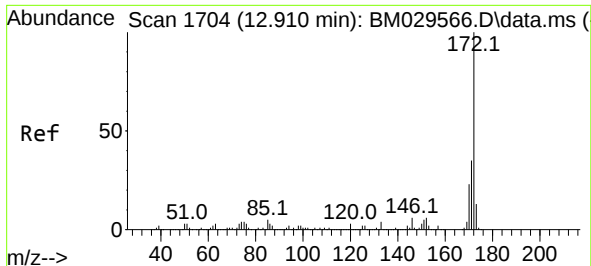
Tgt Ion:164 Resp: 155360
Ion Ratio Lower Upper
164 100
162 102.7 83.4 125.0
160 46.3 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 86.12 ng
RT: 15.769 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BM029607.D
Acq: 22 Apr 2021 23:10

Tgt Ion:330 Resp: 185024
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 38.4 30.2 45.2

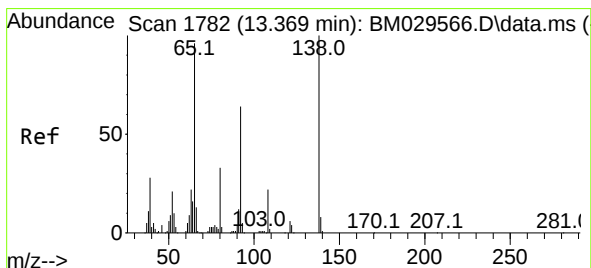
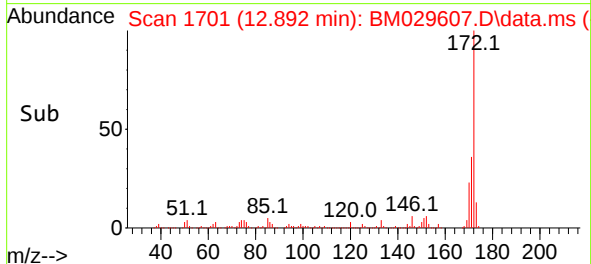
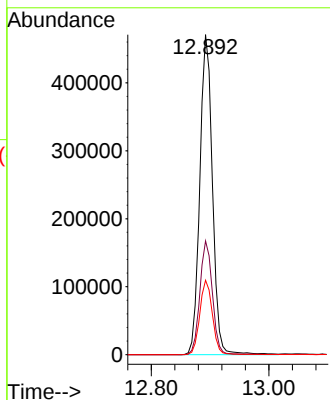
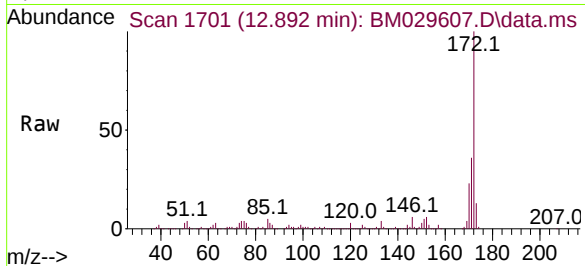




#45
2-Fluorobiphenyl
Concen: 61.32 ng
RT: 12.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM029607.D
Acq: 22 Apr 2021 23:10

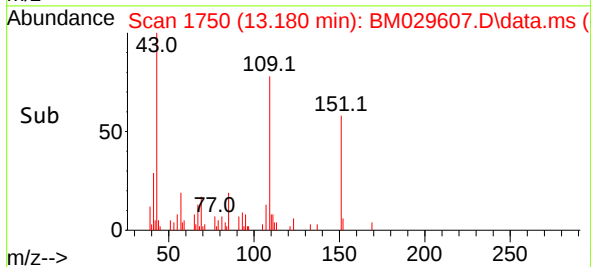
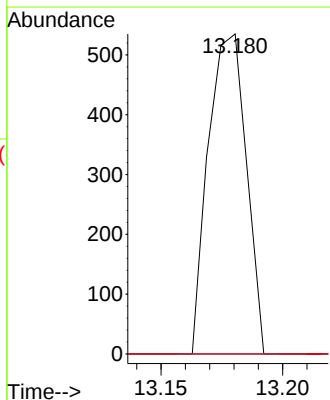
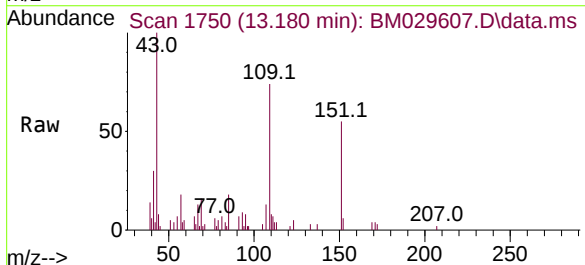
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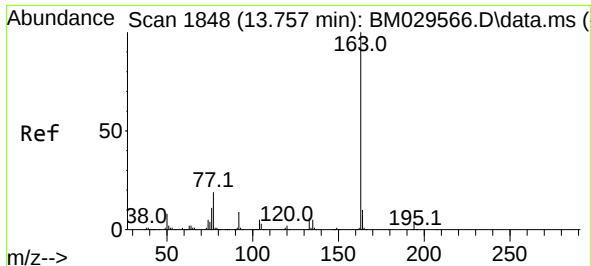
Tgt Ion:172 Resp: 701936
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.3 18.4 27.6



#48
2-Nitroaniline
Concen: 3.07 ng
RT: 13.180 min Scan# 1750
Delta R.T. -0.176 min
Lab File: BM029607.D
Acq: 22 Apr 2021 23:10

Tgt Ion: 65 Resp: 580
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#

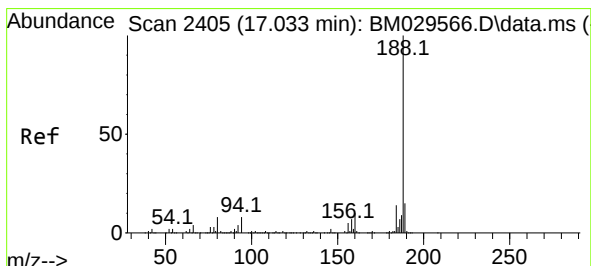
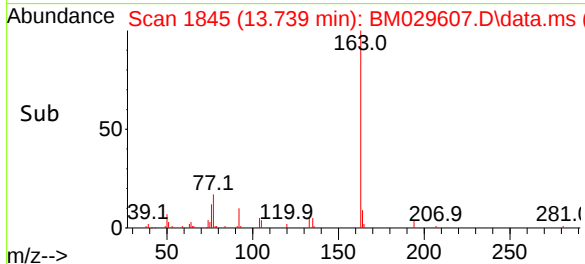
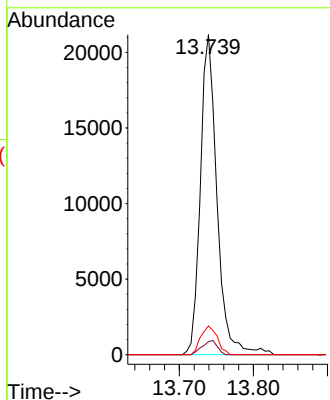
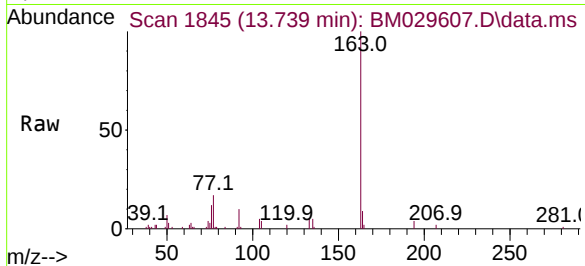




#50
Dimethylphthalate
Concen: 2.81 ng
RT: 13.739 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BM029607.D
Acq: 22 Apr 2021 23:10

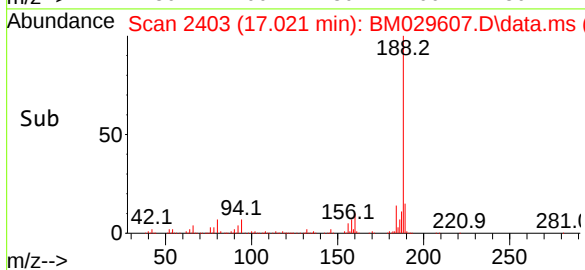
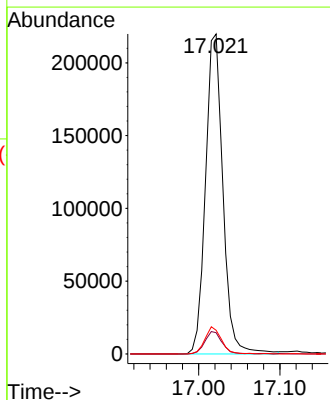
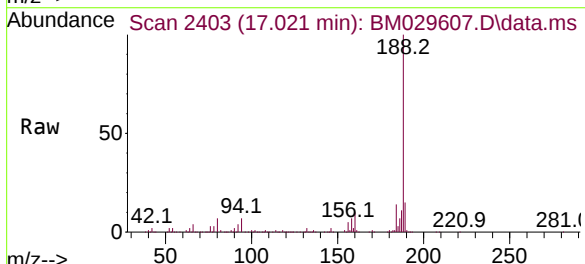
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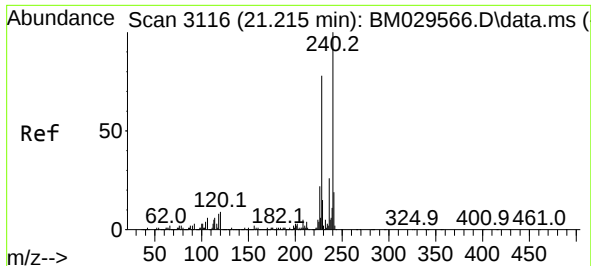
Tgt Ion:163 Resp: 32985
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.0 7.9 11.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.021 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BM029607.D
Acq: 22 Apr 2021 23:10

Tgt Ion:188 Resp: 326652
Ion Ratio Lower Upper
188 100
94 6.6 6.0 9.0
80 7.4 6.6 9.8

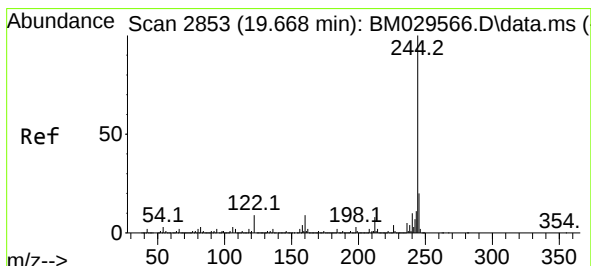
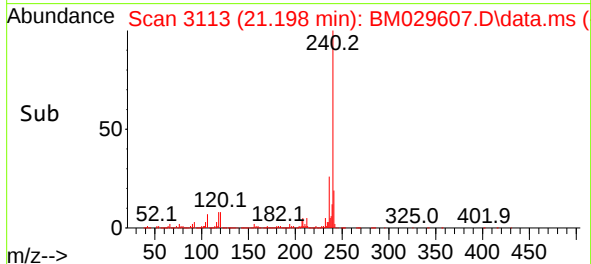
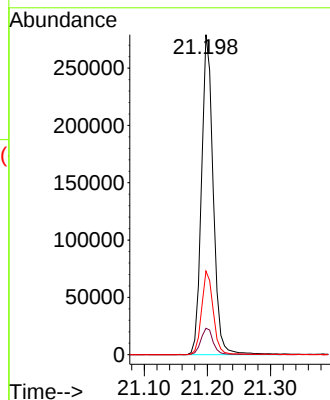
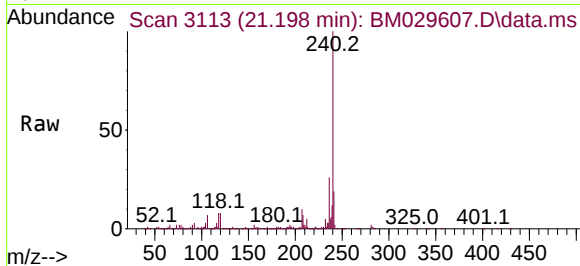




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM029607.D
Acq: 22 Apr 2021 23:10

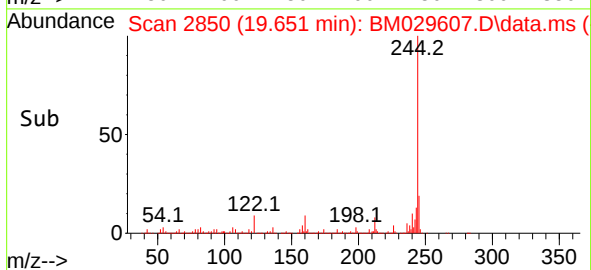
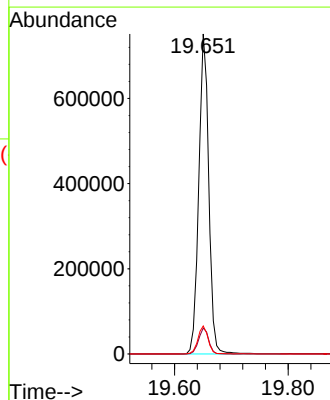
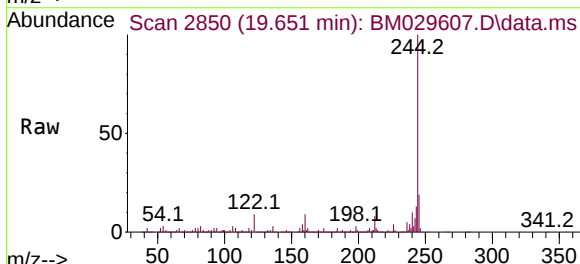
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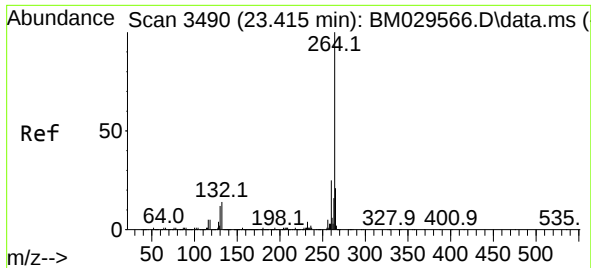
Tgt Ion:240 Resp: 360474
Ion Ratio Lower Upper
240 100
120 8.3 7.0 10.6
236 26.1 21.0 31.4



#79
Terphenyl-d14
Concen: 48.38 ng
RT: 19.651 min Scan# 2850
Delta R.T. -0.006 min
Lab File: BM029607.D
Acq: 22 Apr 2021 23:10

Tgt Ion:244 Resp: 919856
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 8.7 6.9 10.3





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.392 min Scan# 3486
 Delta R.T. 0.000 min
 Lab File: BM029607.D
 Acq: 22 Apr 2021 23:10

Instrument :
 BNA_M
 ClientSampleId :
 SB-24-0-2.0

Tgt Ion:264 Resp: 398632
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.8 29.8
 265 22.4 17.7 26.5

