

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042121\
 Data File : BM029584.D
 Acq On : 22 Apr 2021 02:03
 Operator : CG/JU
 Sample : M2111-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-9

Quant Time: Apr 22 04:32:12 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)

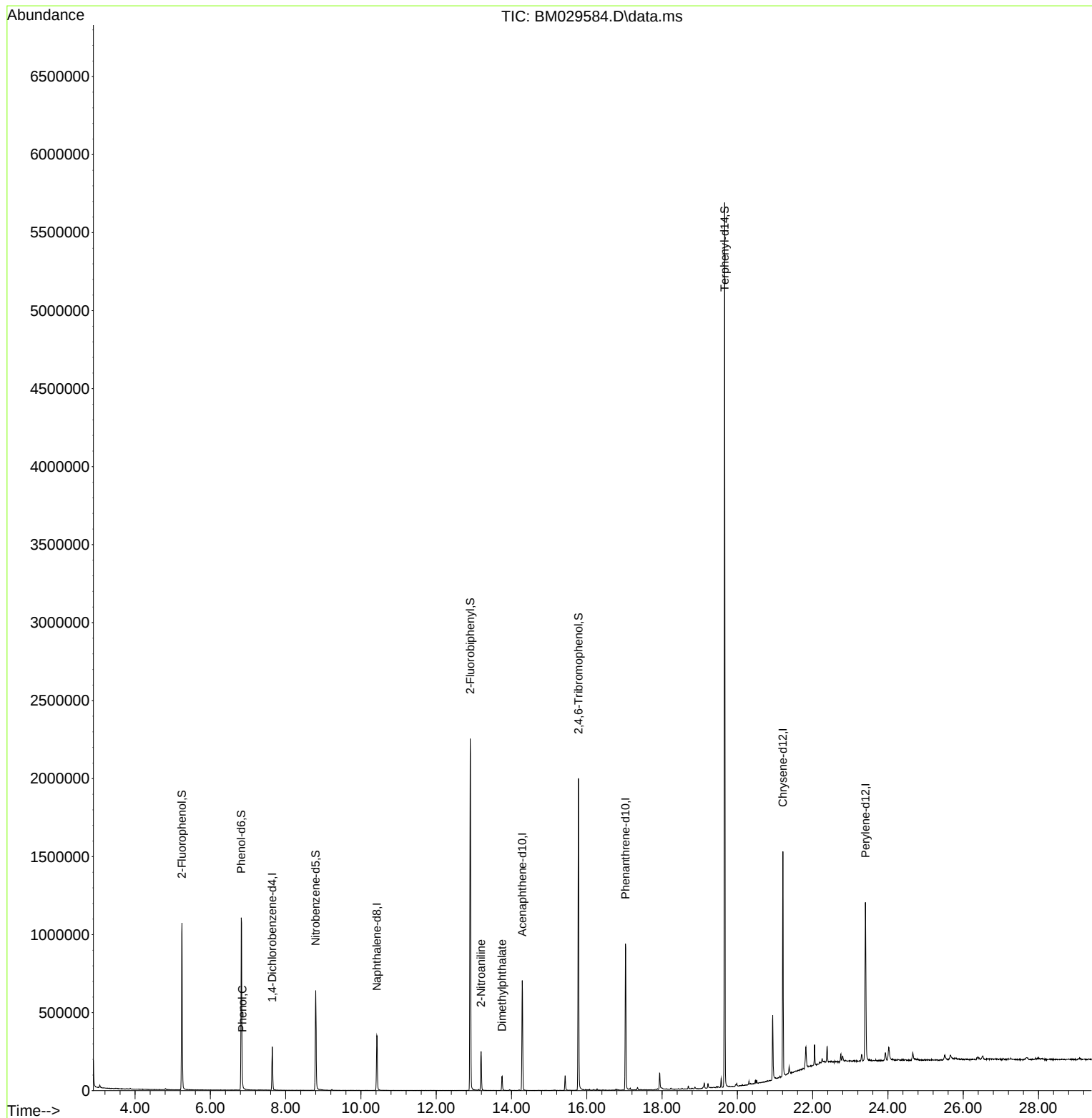
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	73104	20.00	ng	0.00
21) Naphthalene-d8	10.422	136	297401	20.00	ng	0.00
39) Acenaphthene-d10	14.286	164	234209	20.00	ng	0.00
64) Phenanthrene-d10	17.027	188	567637	20.00	ng	0.00
76) Chrysene-d12	21.209	240	652948	20.00	ng	0.00
86) Perylene-d12	23.403	264	677117	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.245	112	424995	116.55	ng	0.00
7) Phenol-d6	6.822	99	577559	106.04	ng	0.00
23) Nitrobenzene-d5	8.798	82	374760	64.90	ng	0.00
42) 2,4,6-Tribromophenol	15.780	330	346162	106.87	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1170261	67.82	ng	0.00
79) Terphenyl-d14	19.662	244	2316865	67.27	ng	0.00
Target Compounds						
10) Phenol	6.851	94	11972	2.27	ng	Qvalue 79
48) 2-Nitroaniline	13.192	65	5173	4.13	ng	# 9
50) Dimethylphthalate	13.751	163	65489	3.70	ng	98

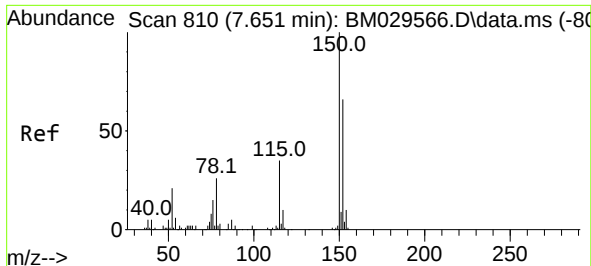
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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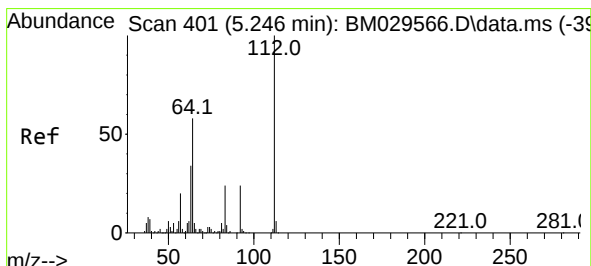
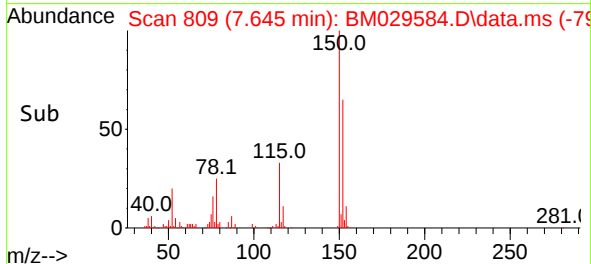
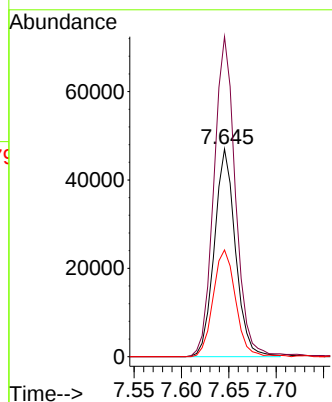
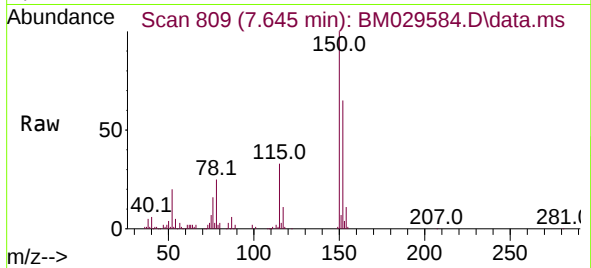




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.645 min Scan# 809
Delta R.T. -0.006 min
Lab File: BM029584.D
Acq: 22 Apr 2021 02:03

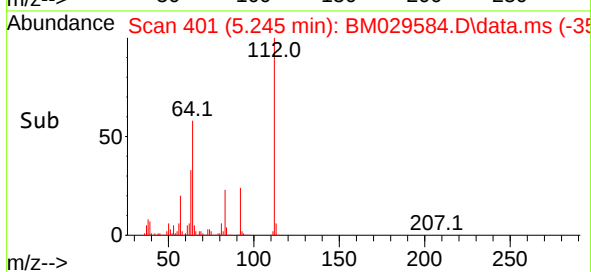
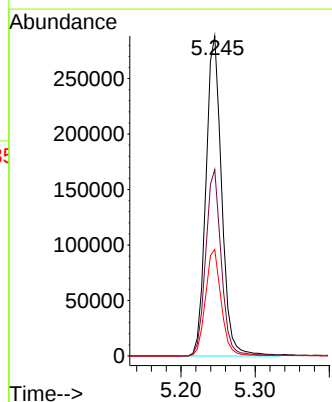
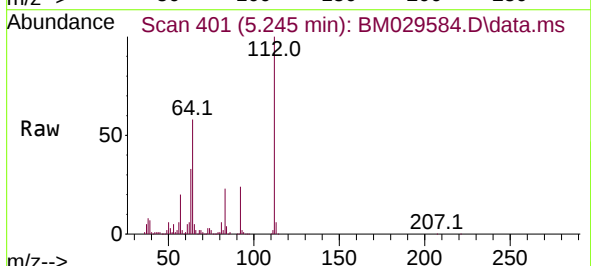
Instrument :
BNA_M
ClientSampled :
S-9

Tgt Ion:152 Resp: 73104
Ion Ratio Lower Upper
152 100
150 154.1 125.9 188.9
115 51.4 44.6 67.0



#5
2-Fluorophenol
Concen: 116.55 ng
RT: 5.245 min Scan# 401
Delta R.T. -0.000 min
Lab File: BM029584.D
Acq: 22 Apr 2021 02:03

Tgt Ion:112 Resp: 424995
Ion Ratio Lower Upper
112 100
64 58.2 47.1 70.7
63 33.3 27.3 40.9

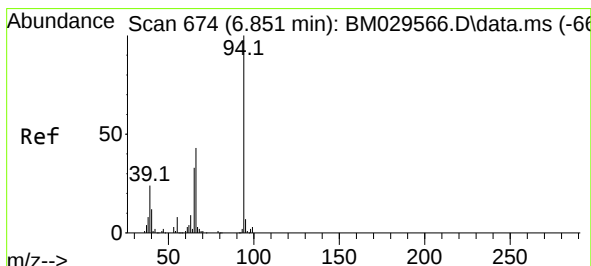
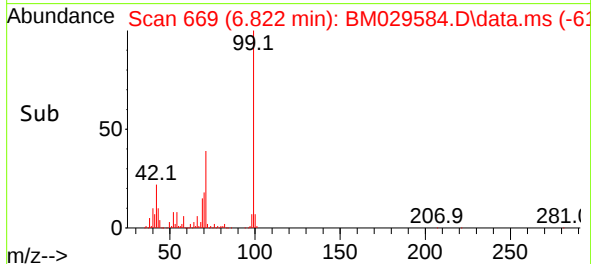
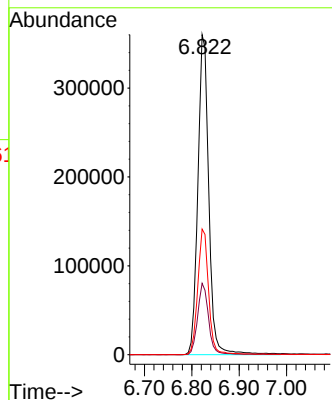
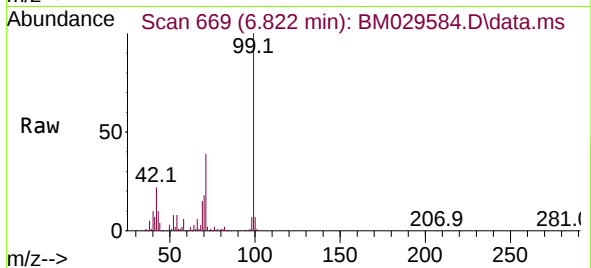




#7
Phenol-d6
Concen: 106.04 ng
RT: 6.822 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM029584.D
Acq: 22 Apr 2021 02:03

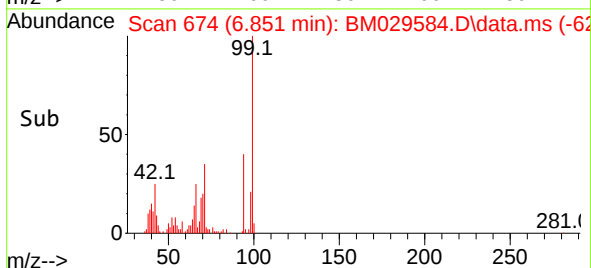
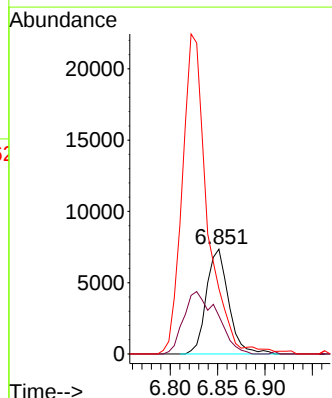
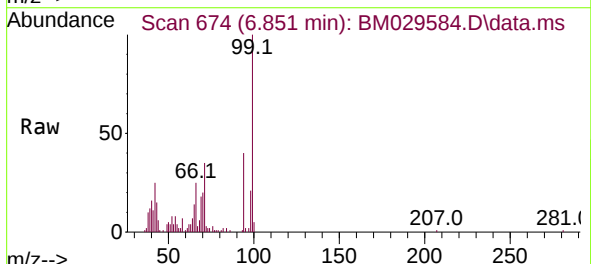
Instrument :
BNA_M
ClientSampled :
S-9

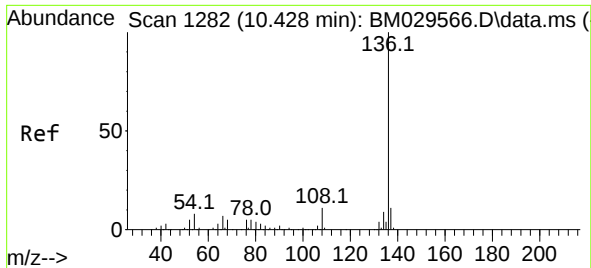
Tgt Ion: 99 Resp: 577559
Ion Ratio Lower Upper
99 100
42 22.3 18.0 27.0
71 39.2 30.9 46.3



#10
Phenol
Concen: 2.27 ng
RT: 6.851 min Scan# 674
Delta R.T. -0.000 min
Lab File: BM029584.D
Acq: 22 Apr 2021 02:03

Tgt Ion: 94 Resp: 11972
Ion Ratio Lower Upper
94 100
65 36.4 11.9 51.9
66 62.3 22.6 62.6

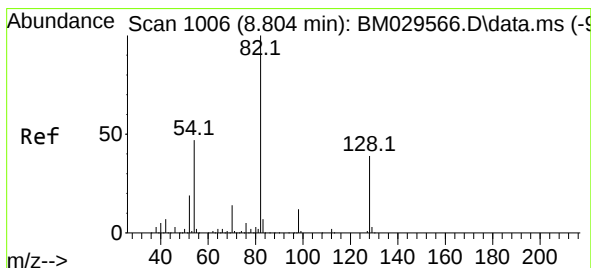
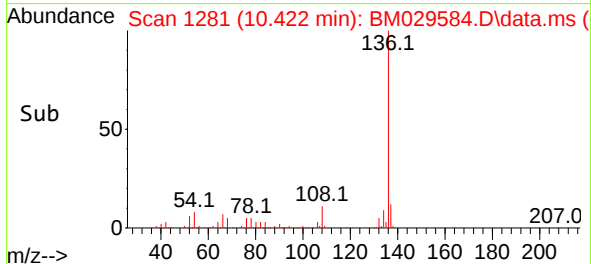
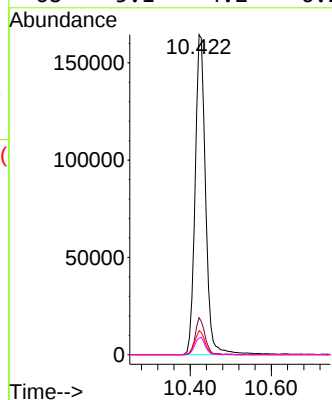
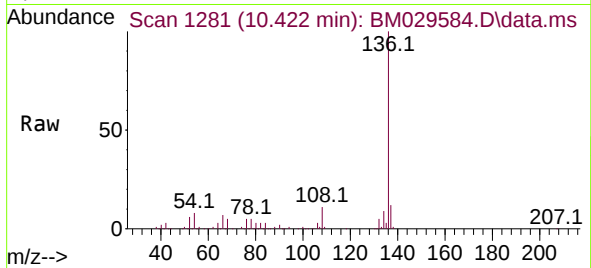




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.422 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM029584.D
Acq: 22 Apr 2021 02:03

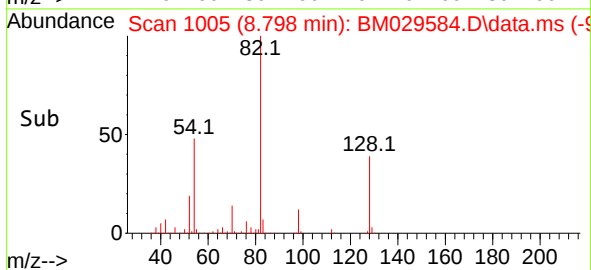
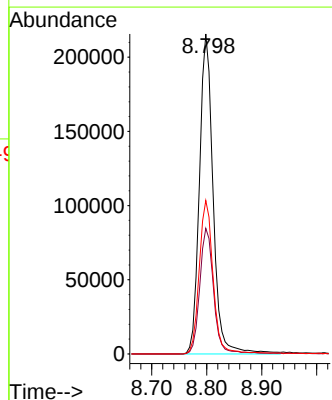
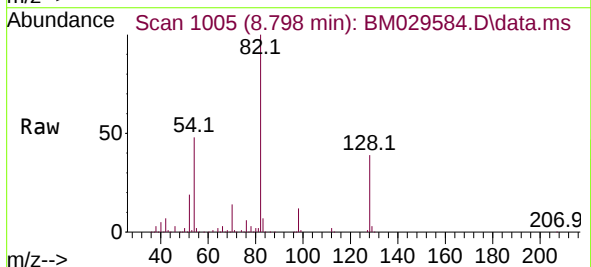
Instrument :
BNA_M
ClientSampleId :
S-9

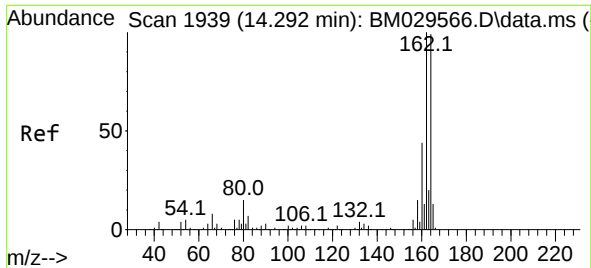
Tgt Ion:	136	Resp:	297401
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.4	12.6
54	7.5	5.5	8.3
68	5.1	4.2	6.2



#23
Nitrobenzene-d5
Concen: 64.90 ng
RT: 8.798 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM029584.D
Acq: 22 Apr 2021 02:03

Tgt Ion:	82	Resp:	374760
Ion Ratio	Lower	Upper	
82	100		
128	39.3	31.1	46.7
54	47.9	37.3	55.9

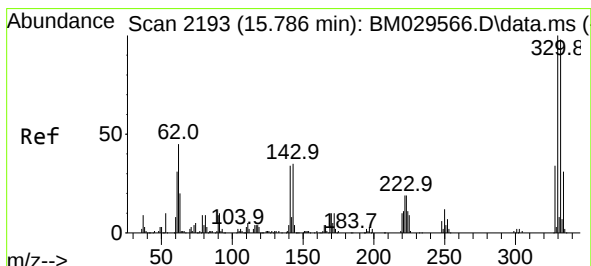
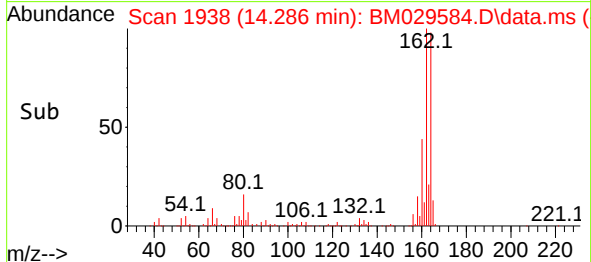
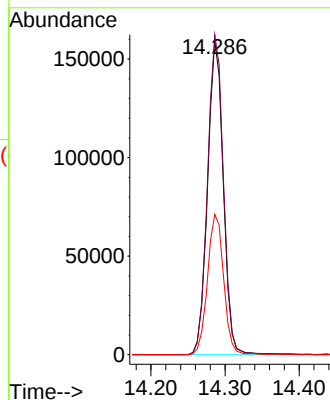
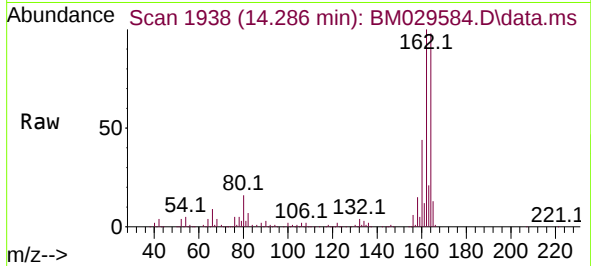




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.286 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM029584.D
Acq: 22 Apr 2021 02:03

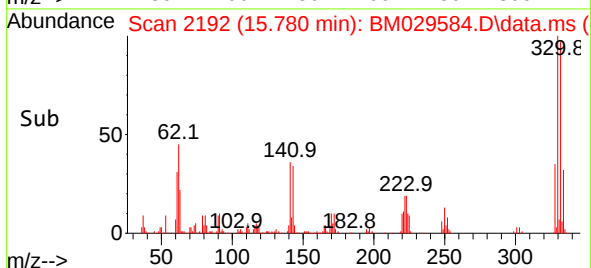
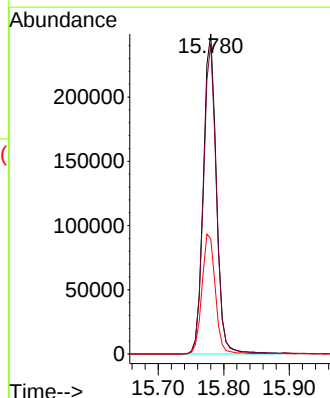
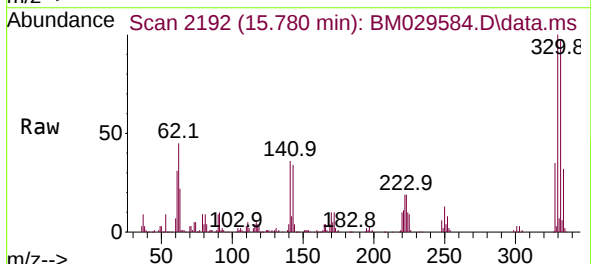
Instrument :
BNA_M
ClientSampleId :
S-9

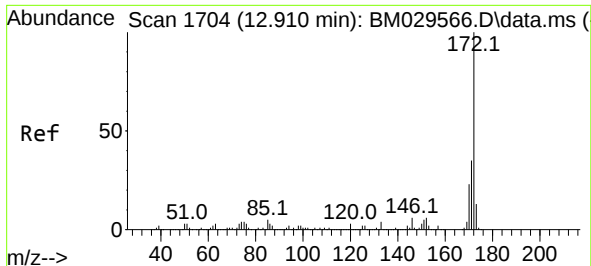
Tgt Ion:164 Resp: 234209
Ion Ratio Lower Upper
164 100
162 101.8 83.4 125.0
160 44.7 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 106.87 ng
RT: 15.780 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BM029584.D
Acq: 22 Apr 2021 02:03

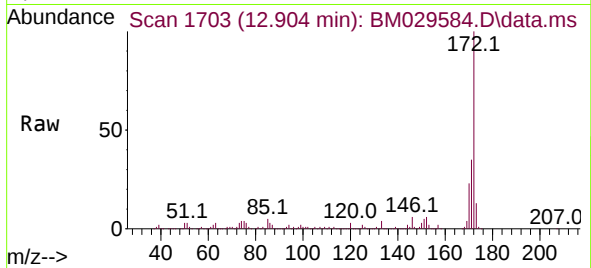
Tgt Ion:330 Resp: 346162
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 38.4 30.2 45.2



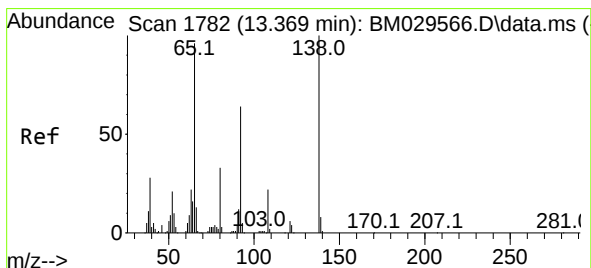
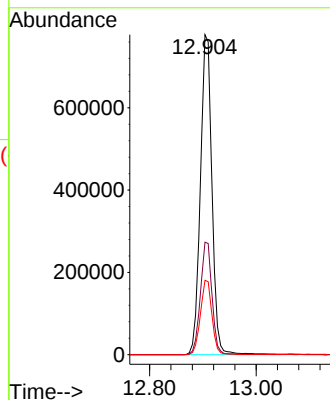
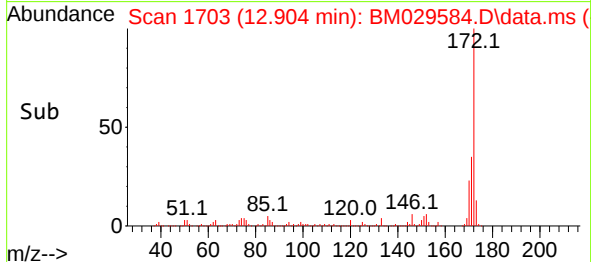


#45
2-Fluorobiphenyl
Concen: 67.82 ng
RT: 12.904 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM029584.D
Acq: 22 Apr 2021 02:03

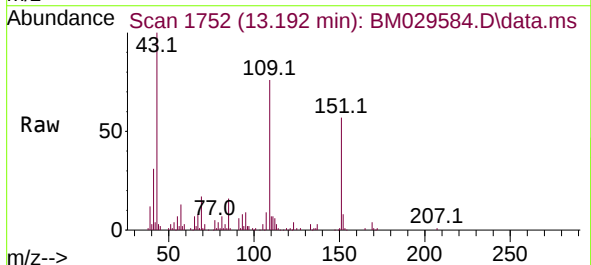
Instrument :
BNA_M
ClientSampled :
S-9



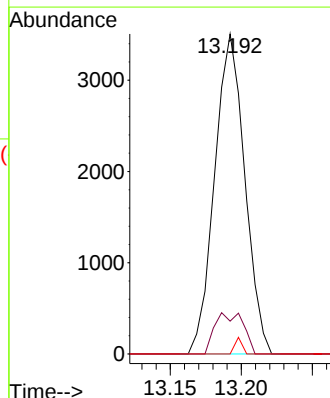
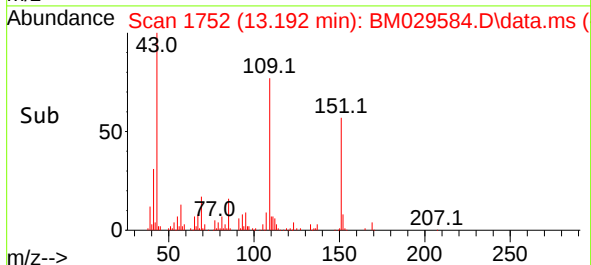
Tgt Ion:172 Resp: 1170261
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.2 18.4 27.6

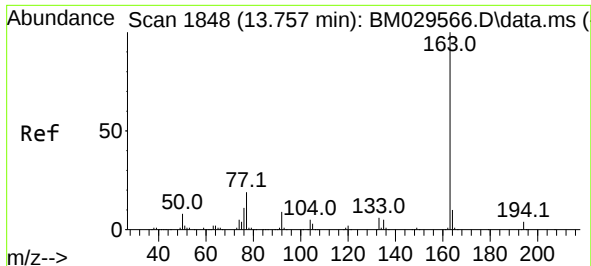


#48
2-Nitroaniline
Concen: 4.13 ng
RT: 13.192 min Scan# 1752
Delta R.T. -0.177 min
Lab File: BM029584.D
Acq: 22 Apr 2021 02:03



Tgt Ion: 65 Resp: 5173
Ion Ratio Lower Upper
65 100
92 10.3 55.5 83.3#
138 0.0 85.7 128.5#

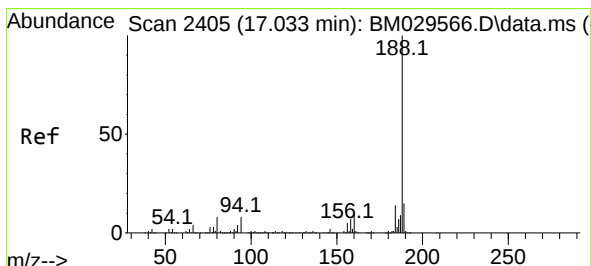
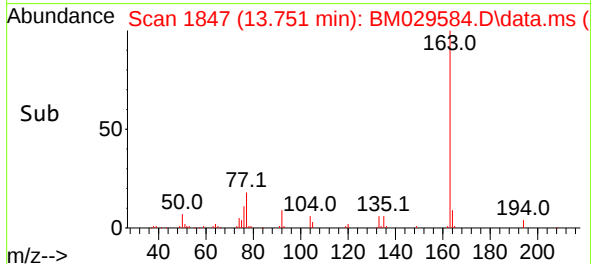
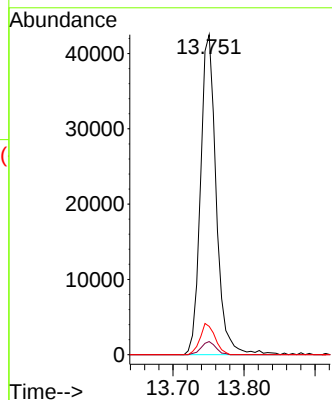
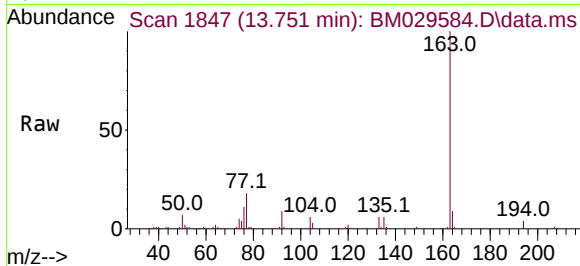




#50
Dimethylphthalate
Concen: 3.70 ng
RT: 13.751 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BM029584.D
Acq: 22 Apr 2021 02:03

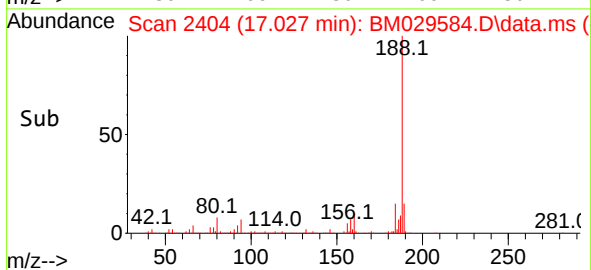
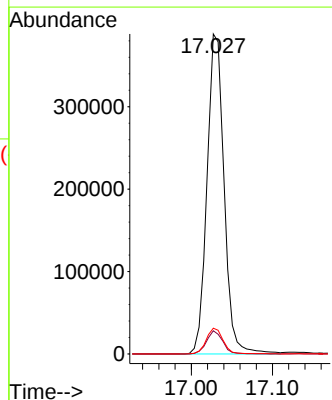
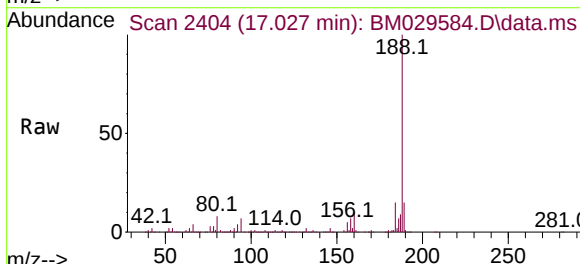
Instrument :
BNA_M
ClientSampled :
S-9

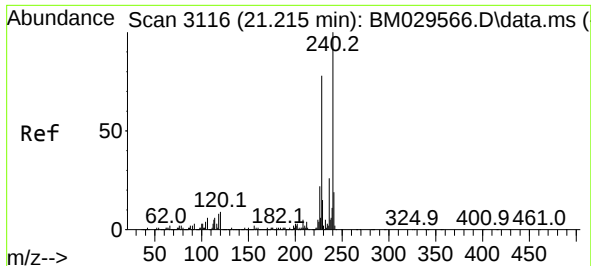
Tgt Ion:163 Resp: 65489
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 8.9 7.9 11.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.027 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM029584.D
Acq: 22 Apr 2021 02:03

Tgt Ion:188 Resp: 567637
Ion Ratio Lower Upper
188 100
94 7.2 6.0 9.0
80 8.1 6.6 9.8

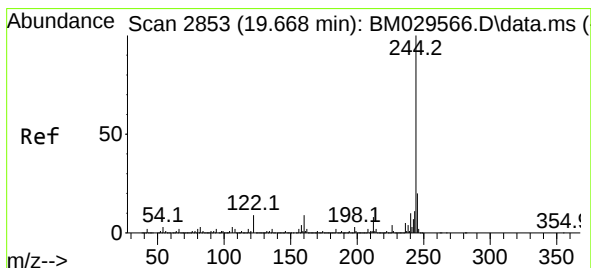
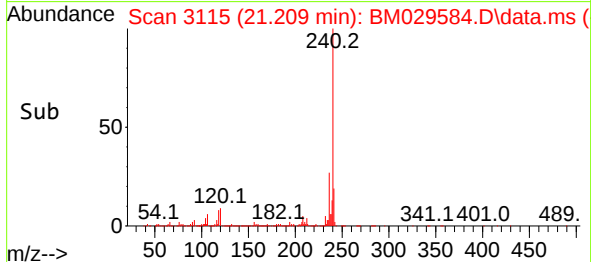
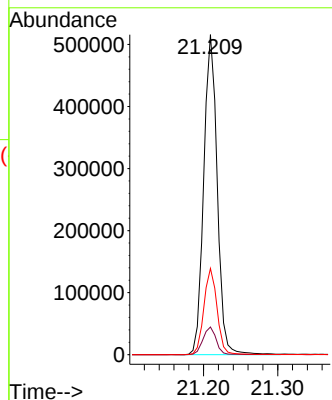
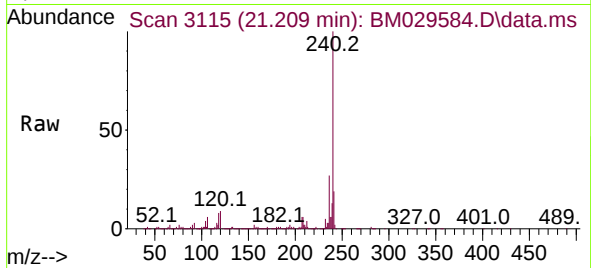




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM029584.D
Acq: 22 Apr 2021 02:03

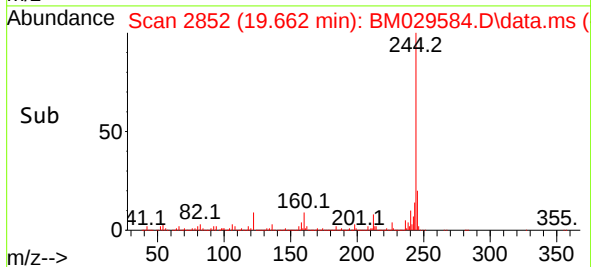
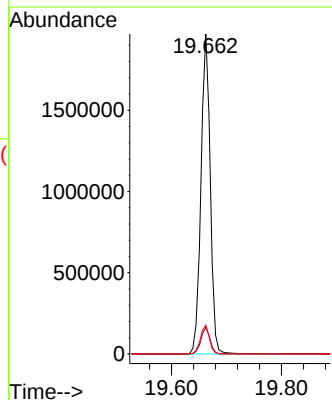
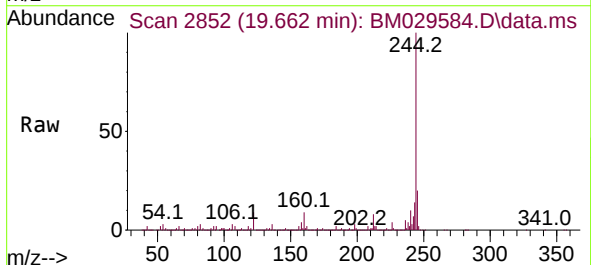
Instrument :
BNA_M
ClientSampled :
S-9

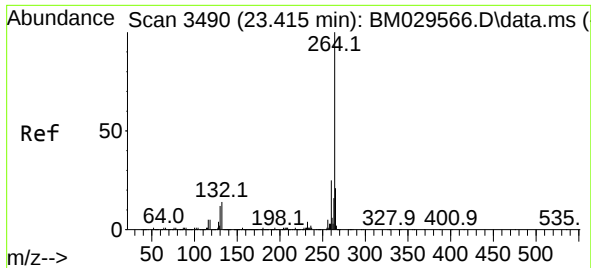
Tgt Ion:240 Resp: 652948
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 27.0 21.0 31.4



#79
Terphenyl-d14
Concen: 67.27 ng
RT: 19.662 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM029584.D
Acq: 22 Apr 2021 02:03

Tgt Ion:244 Resp: 2316865
Ion Ratio Lower Upper
244 100
212 8.3 6.3 9.5
122 9.0 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: BM029584.D
 Acq: 22 Apr 2021 02:03

Instrument :
 BNA_M
 ClientSampleId :
 S-9

Tgt Ion:264 Resp: 677117
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.8 29.8
 265 21.3 17.7 26.5

