

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042121\
 Data File : BM029580.D
 Acq On : 21 Apr 2021 23:37
 Operator : CG/JU
 Sample : M2111-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-2

Quant Time: Apr 22 04:31:10 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)

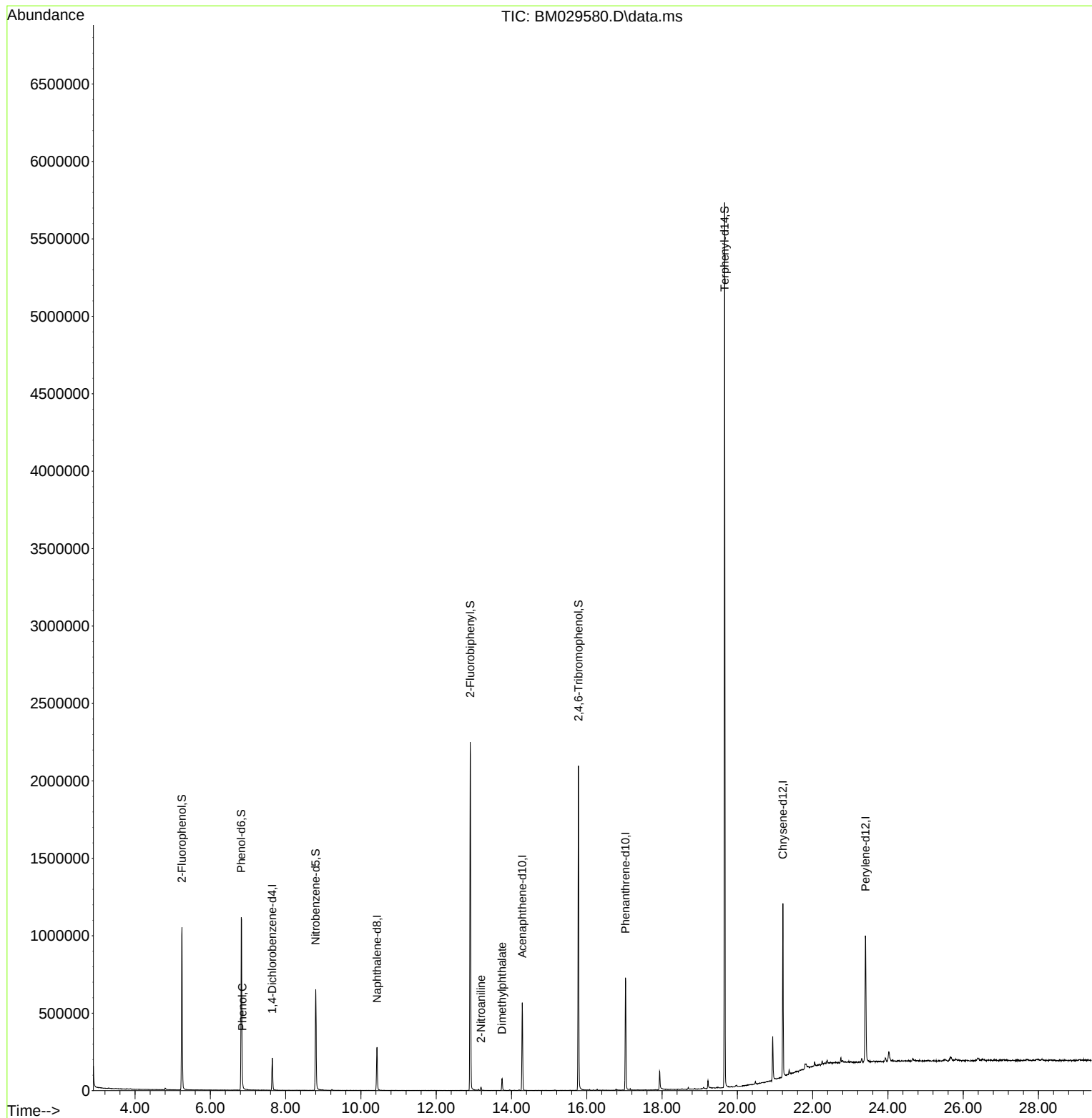
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	57021	20.00	ng	0.00
21) Naphthalene-d8	10.428	136	231332	20.00	ng	0.00
39) Acenaphthene-d10	14.286	164	183795	20.00	ng	0.00
64) Phenanthrene-d10	17.027	188	439207	20.00	ng	0.00
76) Chrysene-d12	21.209	240	509784	20.00	ng	0.00
86) Perylene-d12	23.403	264	558565	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	415638	146.14	ng	0.00
7) Phenol-d6	6.822	99	587166	138.22	ng	0.00
23) Nitrobenzene-d5	8.798	82	387561	86.29	ng	0.00
42) 2,4,6-Tribromophenol	15.780	330	351320	138.22	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1161514	85.77	ng	0.00
79) Terphenyl-d14	19.662	244	2265371	84.25	ng	0.00
Target Compounds						
10) Phenol	6.852	94	14144	3.44	ng	Qvalue 81
48) 2-Nitroaniline	13.192	65	390	2.98	ng	# 4
50) Dimethylphthalate	13.751	163	55242	3.98	ng	97

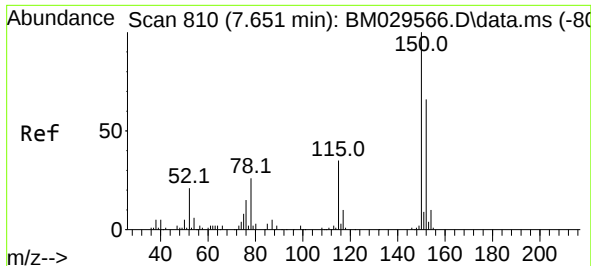
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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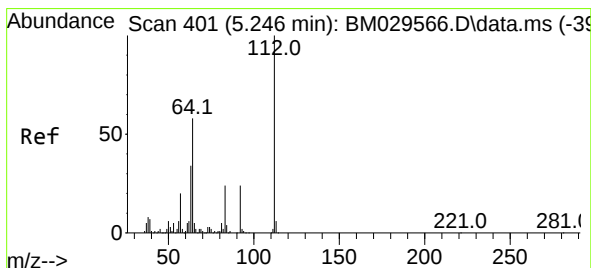
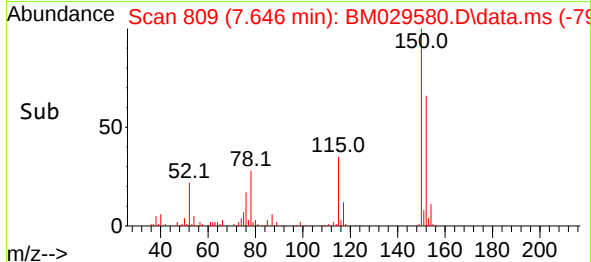
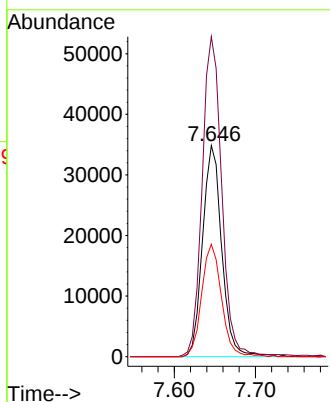
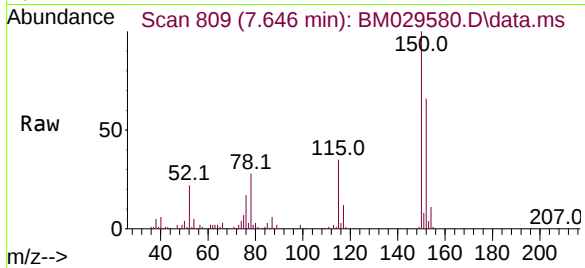




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.646 min Scan# 809
Delta R.T. -0.005 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

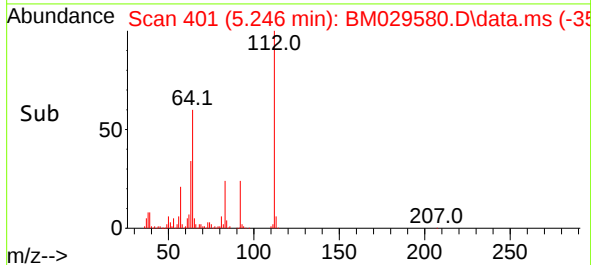
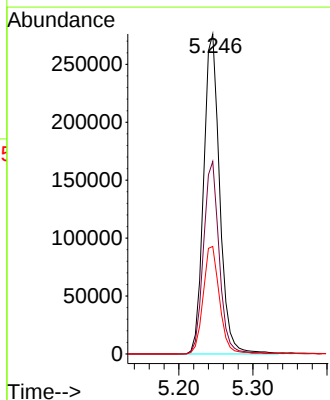
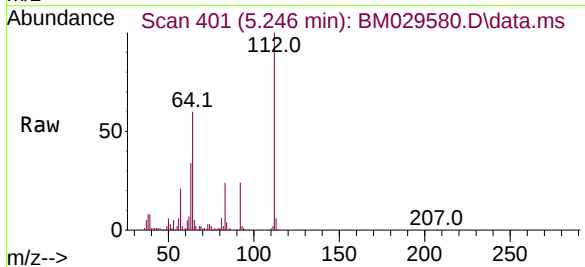
Instrument :
BNA_M
ClientSampled :
S-2

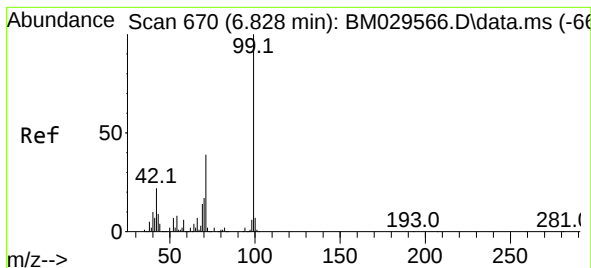
Tgt Ion:152 Resp: 57021
Ion Ratio Lower Upper
152 100
150 151.5 125.9 188.9
115 53.2 44.6 67.0



#5
2-Fluorophenol
Concen: 146.14 ng
RT: 5.246 min Scan# 401
Delta R.T. 0.000 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

Tgt Ion:112 Resp: 415638
Ion Ratio Lower Upper
112 100
64 60.1 47.1 70.7
63 33.6 27.3 40.9

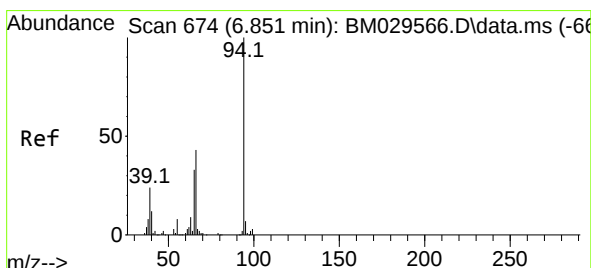
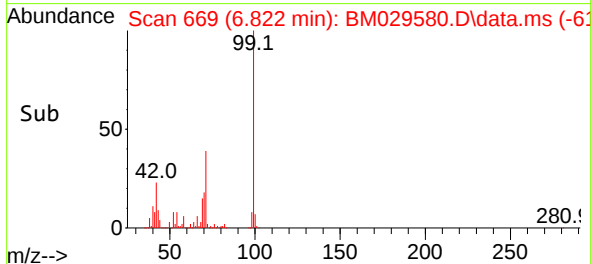
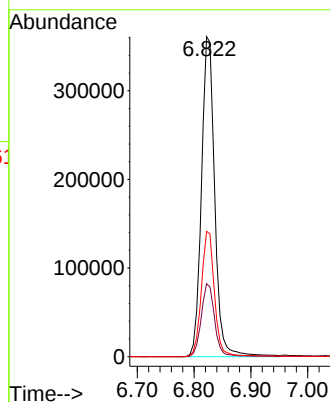
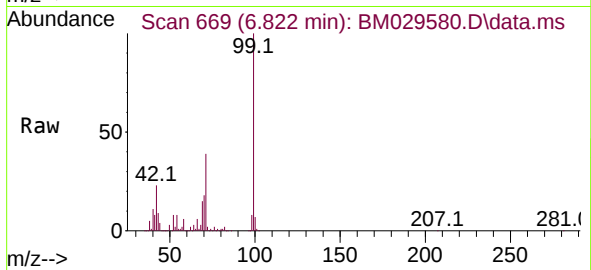




#7
Phenol-d6
Concen: 138.22 ng
RT: 6.822 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

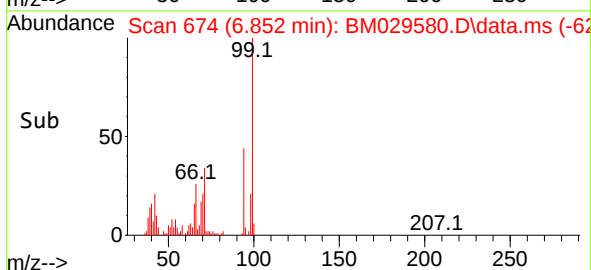
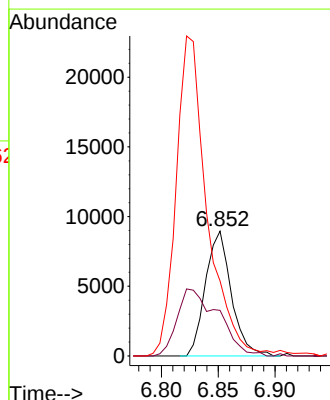
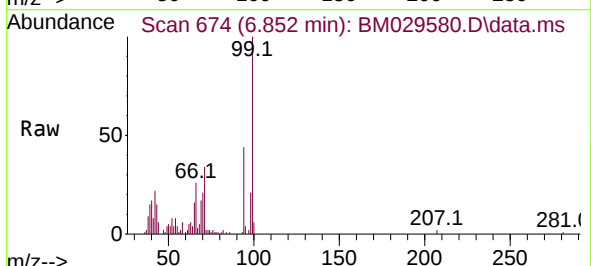
Instrument :
BNA_M
ClientSampled :
S-2

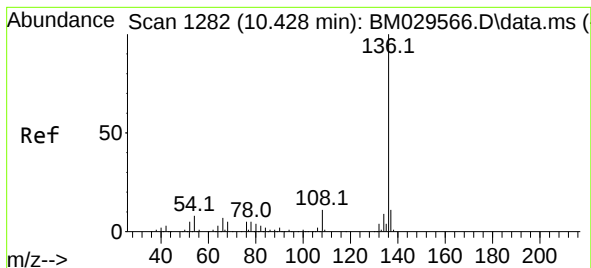
Tgt Ion: 99 Resp: 587166
Ion Ratio Lower Upper
99 100
42 22.8 18.0 27.0
71 39.2 30.9 46.3



#10
Phenol
Concen: 3.44 ng
RT: 6.852 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

Tgt Ion: 94 Resp: 14144
Ion Ratio Lower Upper
94 100
65 36.5 11.9 51.9
66 60.1 22.6 62.6

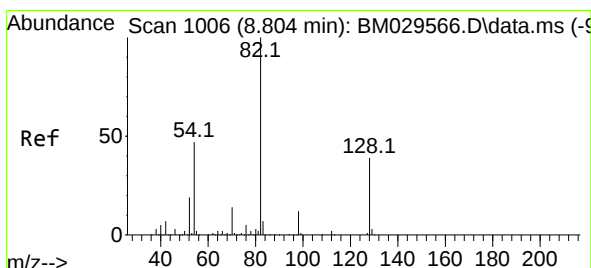
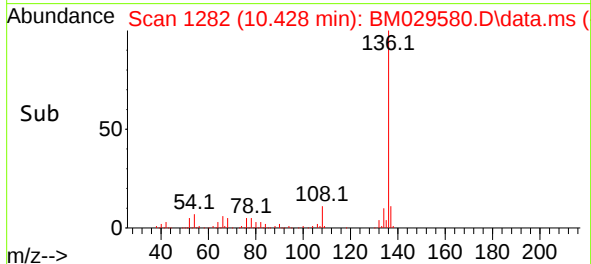
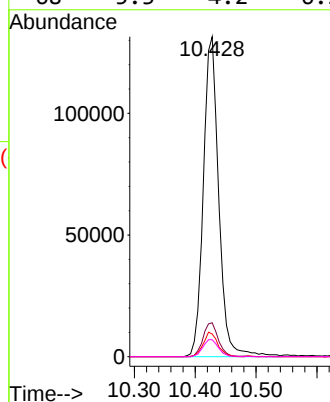
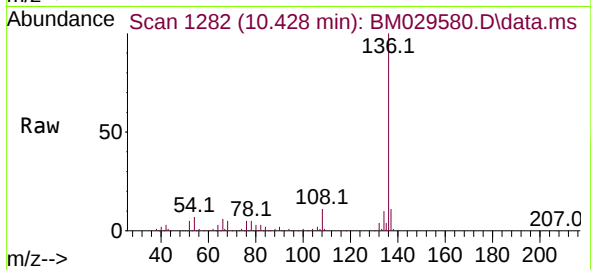




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.428 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

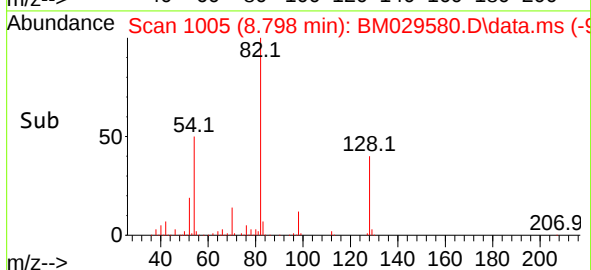
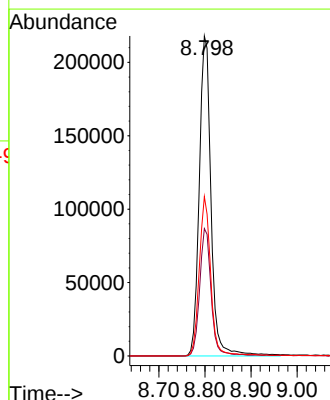
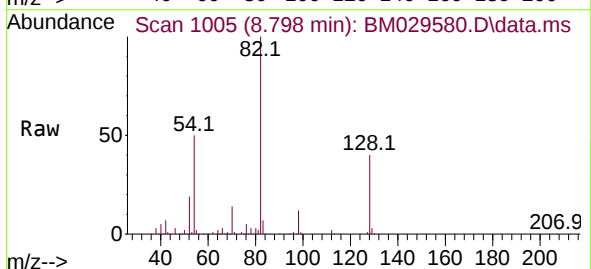
Instrument :
BNA_M
ClientSampleId :
S-2

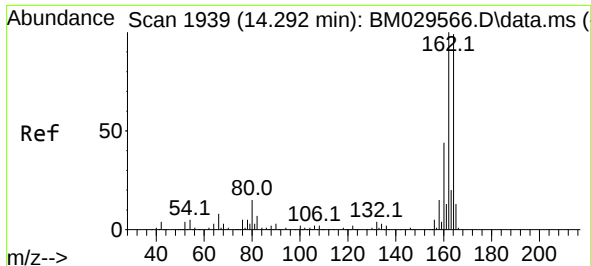
Tgt Ion:	136	Resp:	231332
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	7.1	5.5	8.3
68	5.3	4.2	6.2



#23
Nitrobenzene-d5
Concen: 86.29 ng
RT: 8.798 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

Tgt Ion:	82	Resp:	387561
Ion	Ratio	Lower	Upper
82	100		
128	39.8	31.1	46.7
54	49.8	37.3	55.9

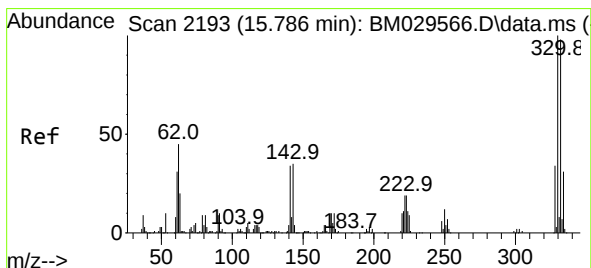
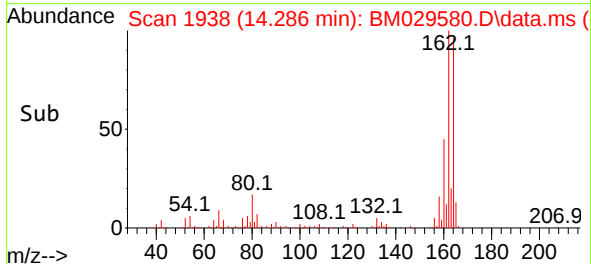
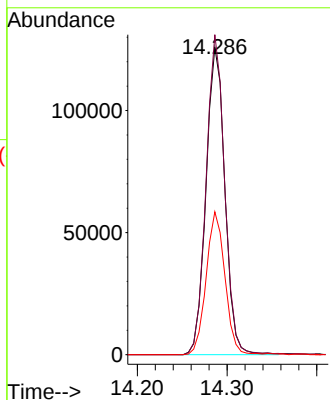
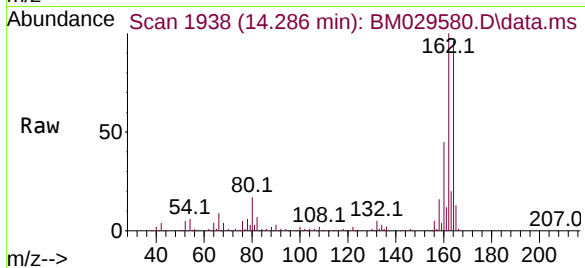




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.286 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

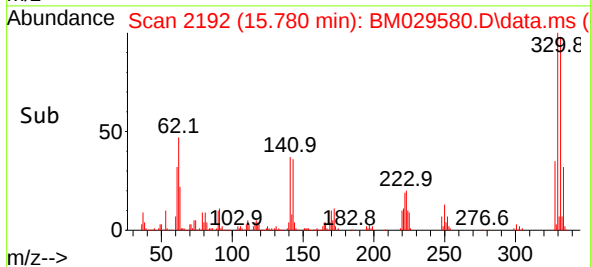
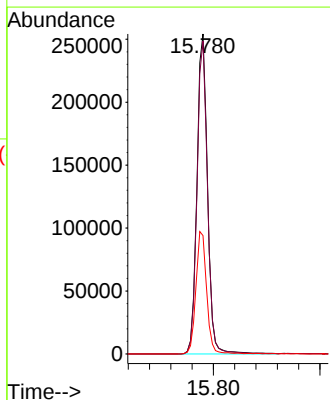
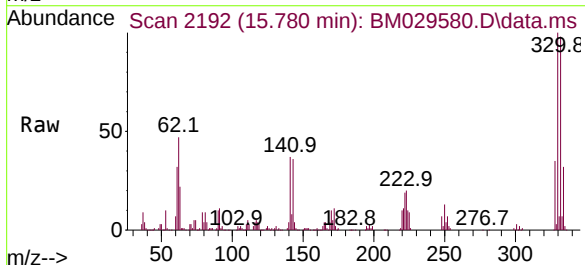
Instrument :
BNA_M
ClientSampled :
S-2

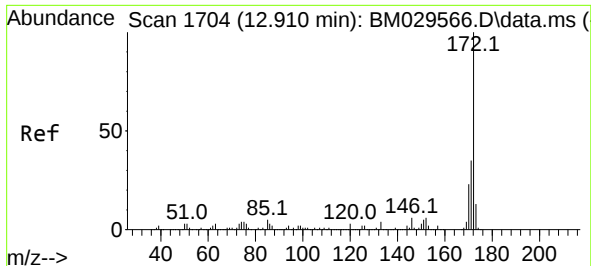
Tgt Ion:164 Resp: 183795
Ion Ratio Lower Upper
164 100
162 104.1 83.4 125.0
160 46.5 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 138.22 ng
RT: 15.780 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

Tgt Ion:330 Resp: 351320
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 38.9 30.2 45.2

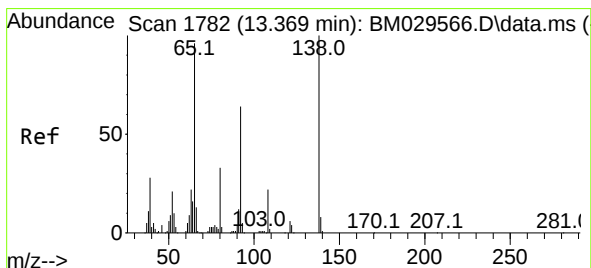
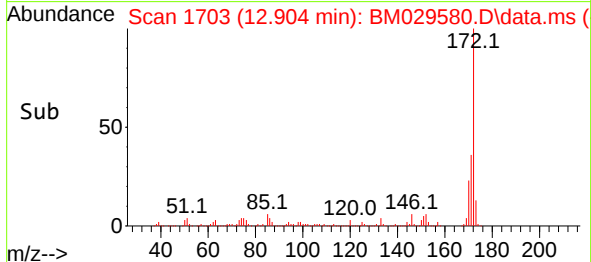
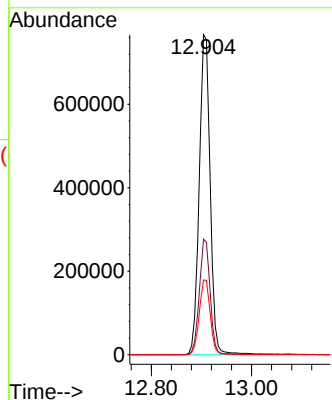
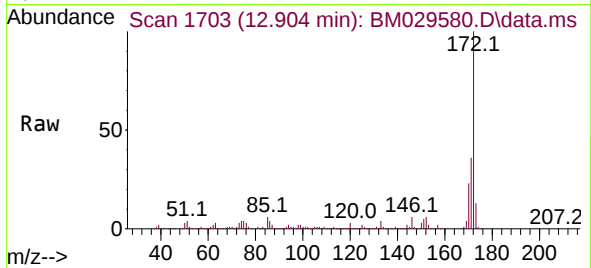




#45
2-Fluorobiphenyl
Concen: 85.77 ng
RT: 12.904 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

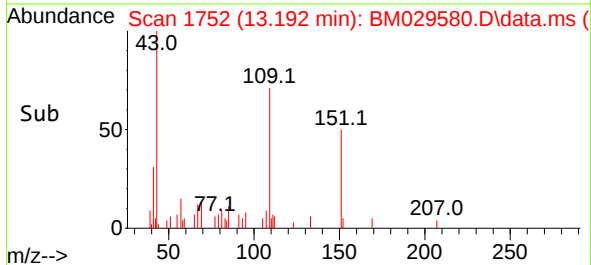
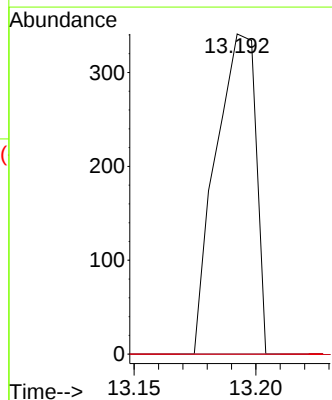
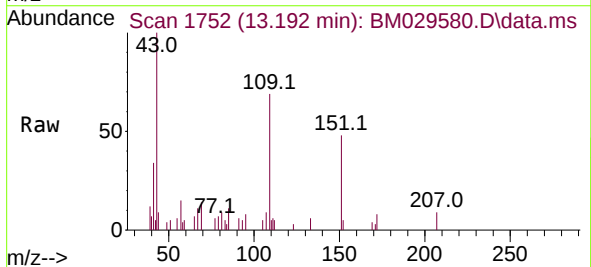
Instrument :
BNA_M
ClientSampleId :
S-2

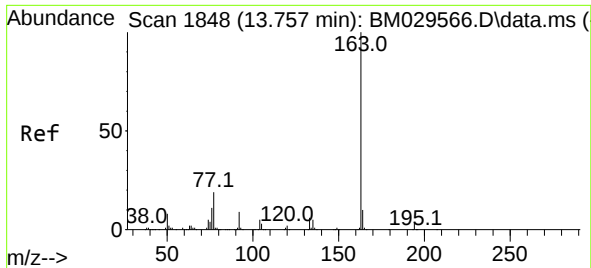
Tgt Ion:172 Resp: 1161514
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.3 18.4 27.6



#48
2-Nitroaniline
Concen: 2.98 ng
RT: 13.192 min Scan# 1752
Delta R.T. -0.177 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

Tgt Ion: 65 Resp: 390
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#

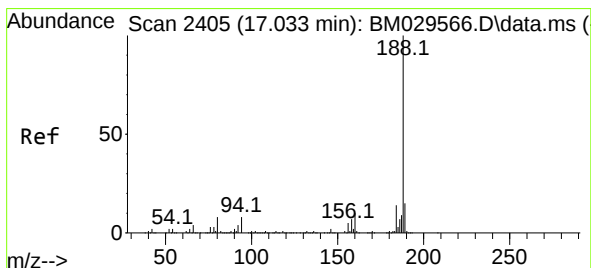
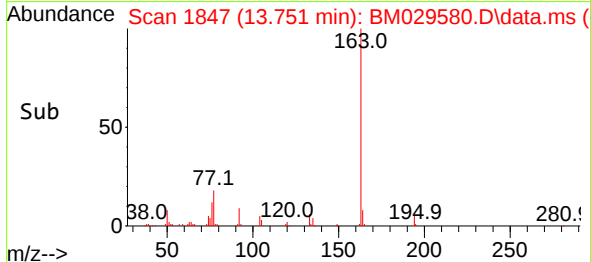
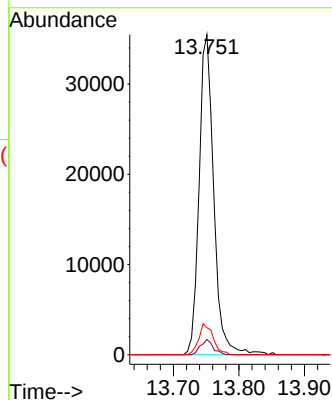
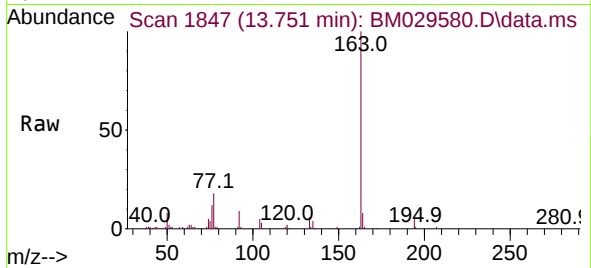




#50
Dimethylphthalate
Concen: 3.98 ng
RT: 13.751 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

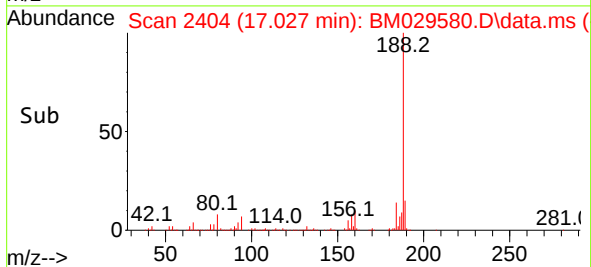
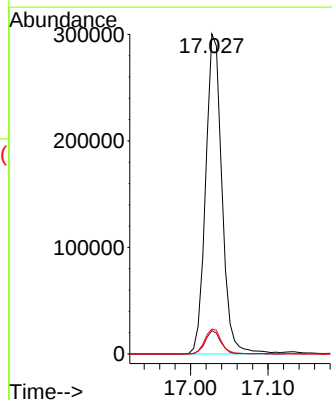
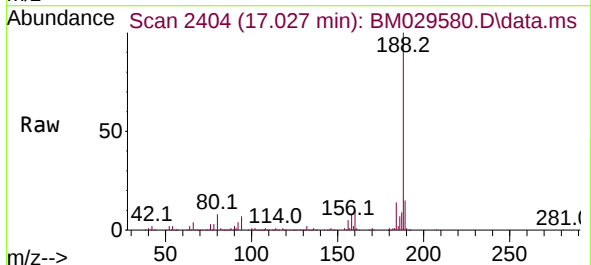
Instrument :
BNA_M
ClientSampleId :
S-2

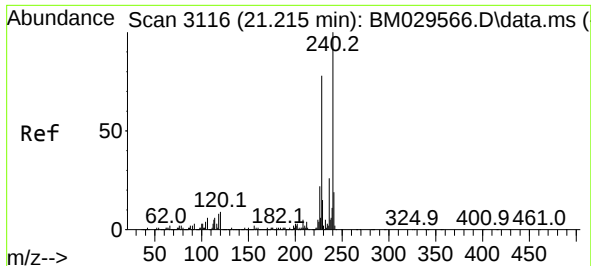
Tgt Ion:163 Resp: 55242
Ion Ratio Lower Upper
163 100
194 4.7 3.3 4.9
164 8.4 7.9 11.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.027 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

Tgt Ion:188 Resp: 439207
Ion Ratio Lower Upper
188 100
94 7.3 6.0 9.0
80 7.8 6.6 9.8

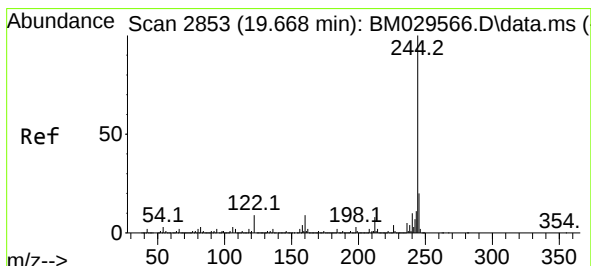
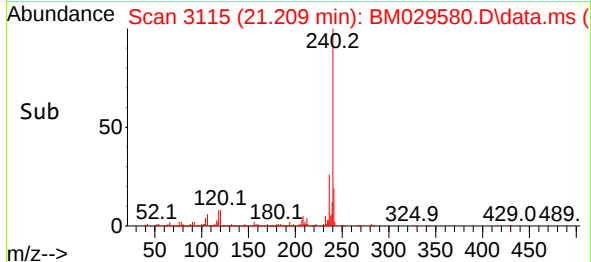
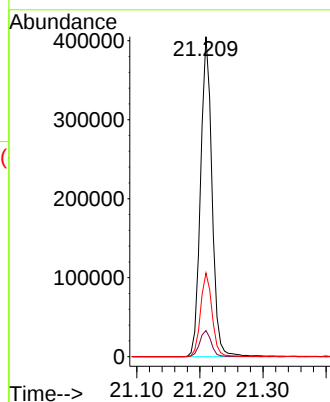
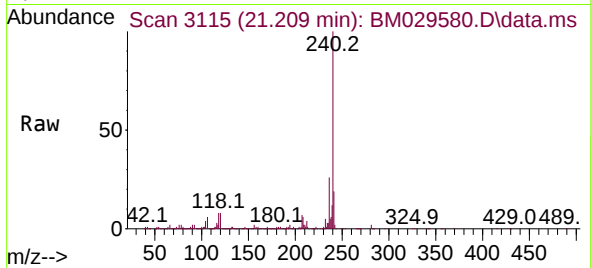




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

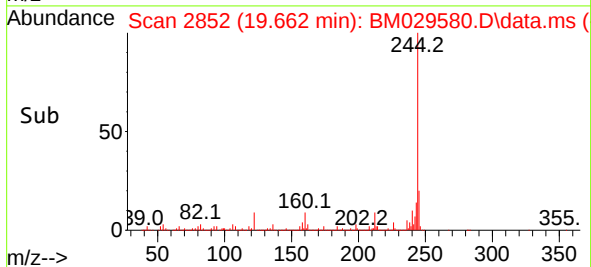
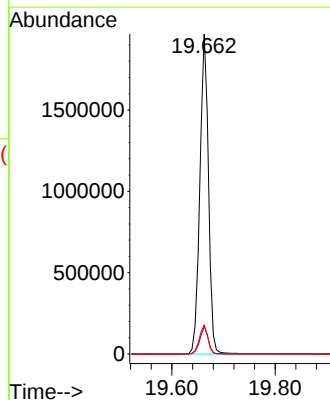
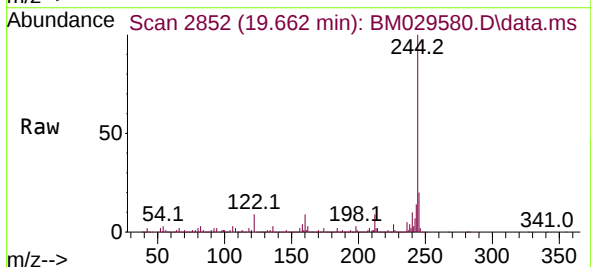
Instrument :
BNA_M
ClientSampleId :
S-2

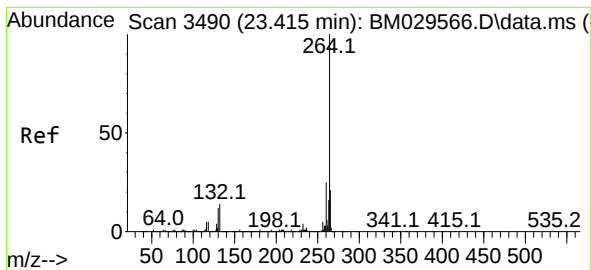
Tgt Ion:240 Resp: 509784
Ion Ratio Lower Upper
240 100
120 8.2 7.0 10.6
236 26.1 21.0 31.4



#79
Terphenyl-d14
Concen: 84.25 ng
RT: 19.662 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

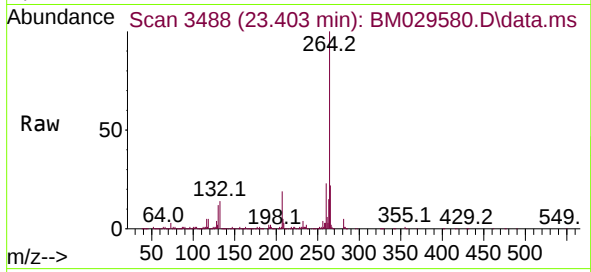
Tgt Ion:244 Resp: 2265371
Ion Ratio Lower Upper
244 100
212 8.6 6.3 9.5
122 9.1 6.9 10.3





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.403 min Scan# 3488
 Delta R.T. -0.012 min
 Lab File: BM029580.D
 Acq: 21 Apr 2021 23:37

Instrument :
 BNA_M
 ClientSampleId :
 S-2



Tgt Ion:	264	Resp:	558565
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.8	29.8
265	22.1	17.7	26.5

