

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122021\
 Data File : BM033540.D
 Acq On : 20 Dec 2021 15:09
 Operator : CG/JU
 Sample : M5168-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 21 03:59:20 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 21 03:57:10 2021
 Response via : Initial Calibration

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

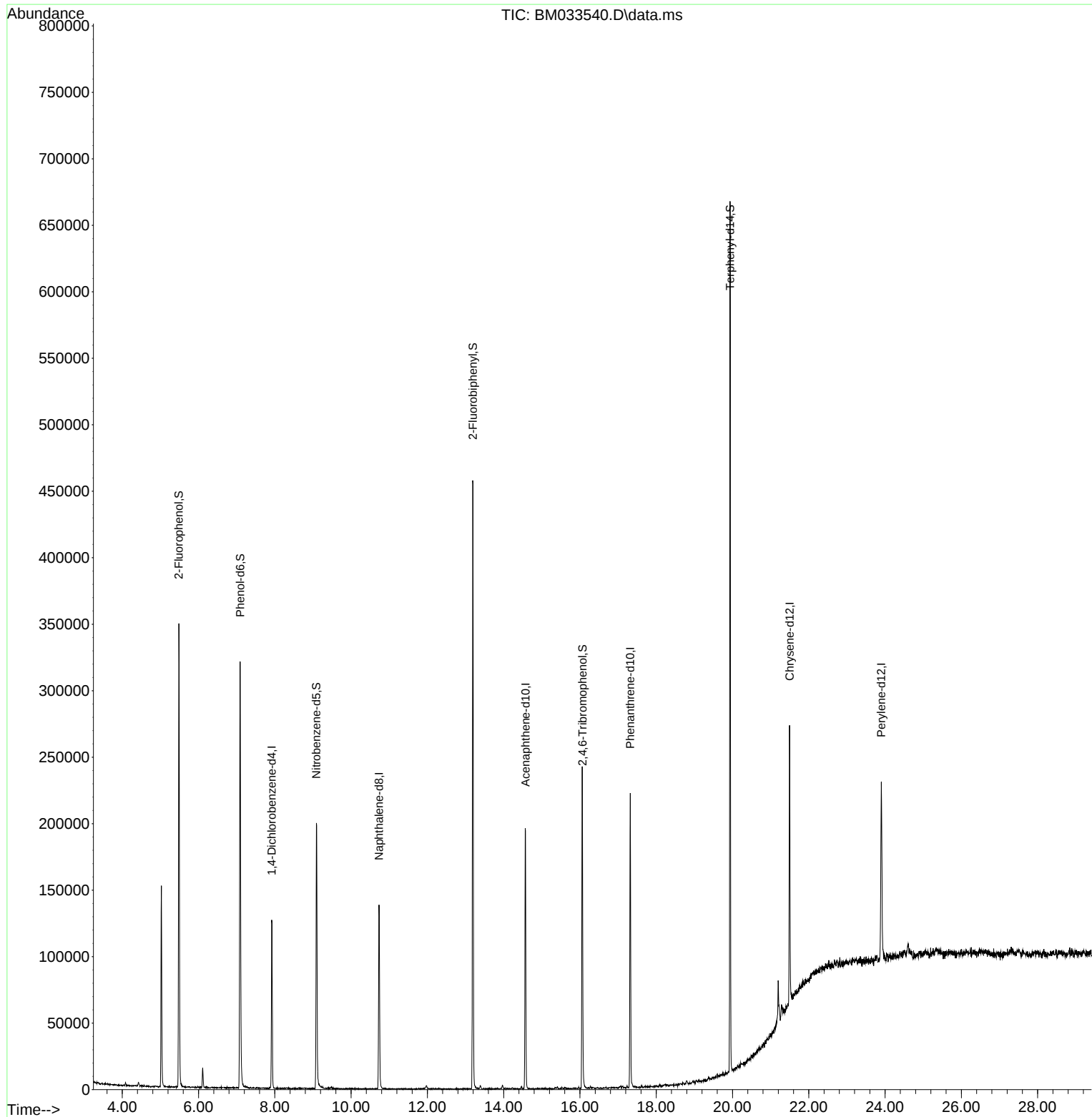
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	28622	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	103875	20.000	ng	# 0.00
39) Acenaphthene-d10	14.571	164	65994	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	123687	20.000	ng	# 0.00
76) Chrysene-d12	21.495	240	99988	20.000	ng	# 0.00
86) Perylene-d12	23.900	264	99778	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	112837	68.026	ng	0.00
7) Phenol-d6	7.090	99	139947	62.869	ng	0.00
23) Nitrobenzene-d5	9.089	82	111067	45.911	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	34187	46.052	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	214232	44.905	ng	0.00
79) Terphenyl-d14	19.936	244	257605	40.560	ng	0.00
Target Compounds						
9) Benzaldehyde	7.090	77	468	Below Cal	Qvalue #	7

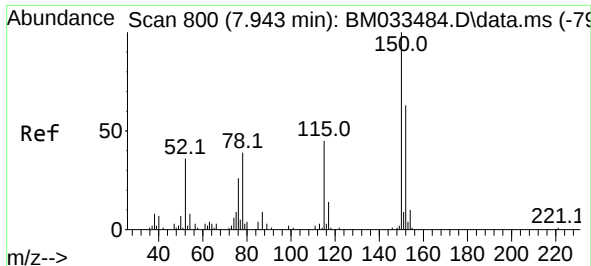
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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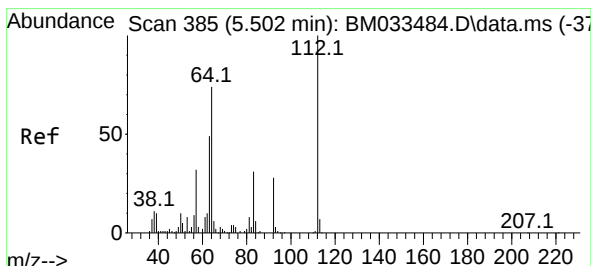
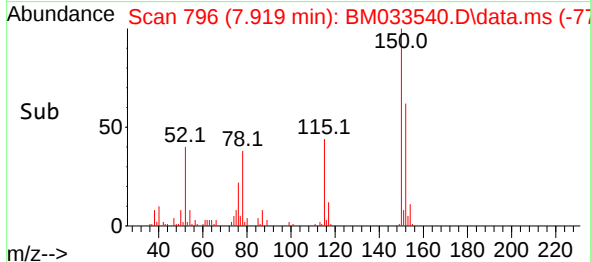
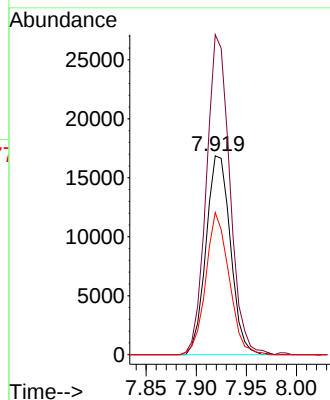
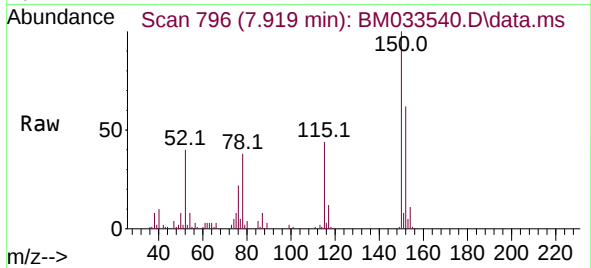




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.919 min Scan# 796
Delta R.T. -0.000 min
Lab File: BM033540.D
Acq: 20 Dec 2021 15:09

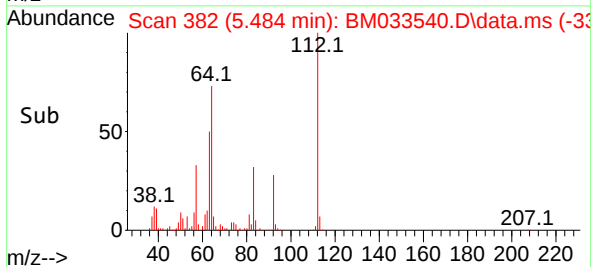
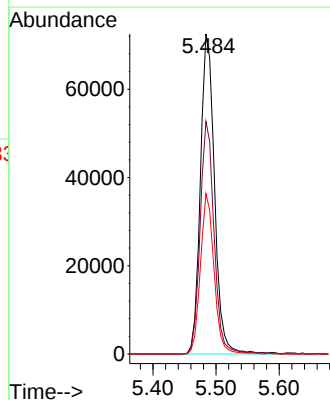
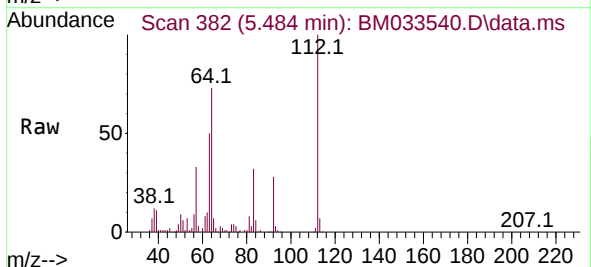
Instrument :
BNA_M
ClientSampleId :

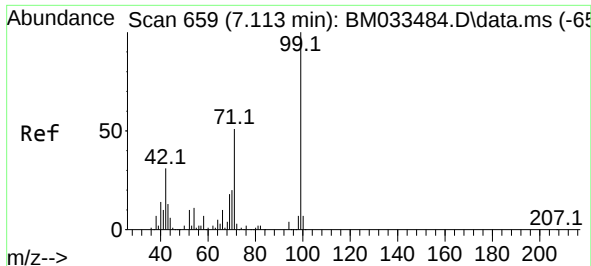
Tgt Ion:152 Resp: 28622
Ion Ratio Lower Upper
152 100
150 160.8 128.9 193.3
115 71.4 53.0 79.6



#5
2-Fluorophenol
Concen: 68.026 ng
RT: 5.484 min Scan# 382
Delta R.T. -0.000 min
Lab File: BM033540.D
Acq: 20 Dec 2021 15:09

Tgt Ion:112 Resp: 112837
Ion Ratio Lower Upper
112 100
64 72.7 55.5 83.3
63 50.1 31.3 46.9#

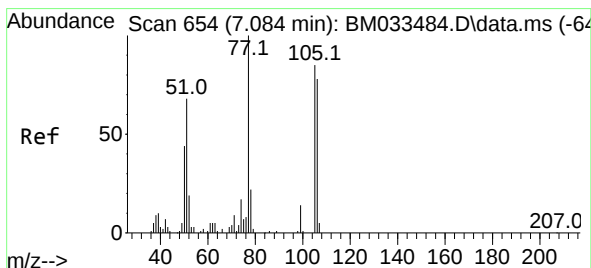
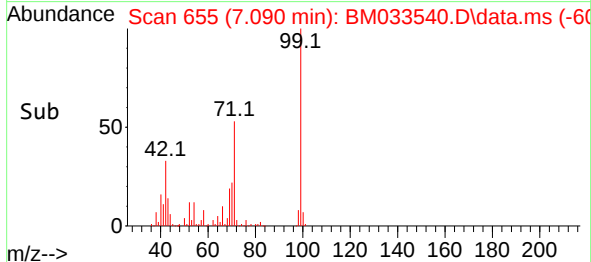
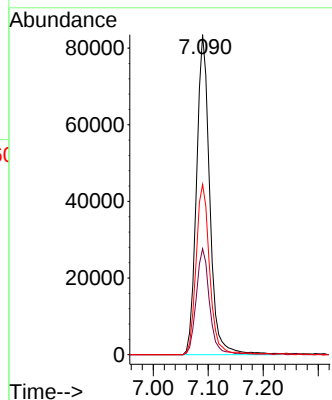
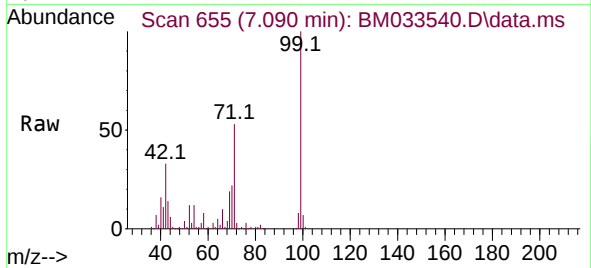




#7
Phenol-d6
Concen: 62.869 ng
RT: 7.090 min Scan# 611
Delta R.T. -0.000 min
Lab File: BM033540.D
Acq: 20 Dec 2021 15:09

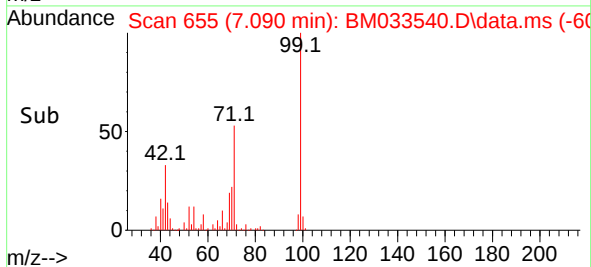
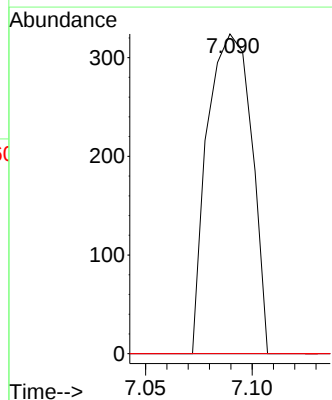
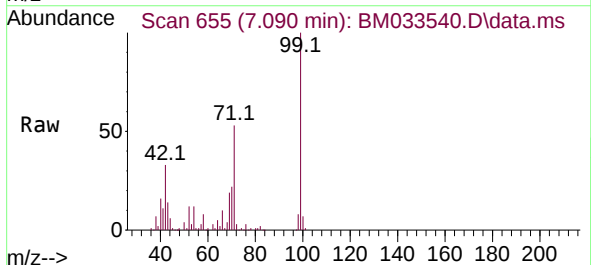
Instrument :
BNA_M
ClientSampleId :

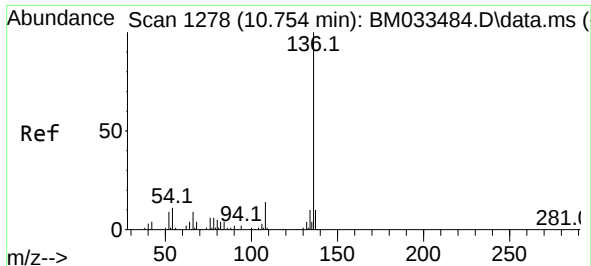
Tgt Ion: 99 Resp: 139947
Ion Ratio Lower Upper
99 100
42 33.1 20.3 30.5#
71 53.2 34.5 51.7#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.090 min Scan# 655
Delta R.T. 0.023 min
Lab File: BM033540.D
Acq: 20 Dec 2021 15:09

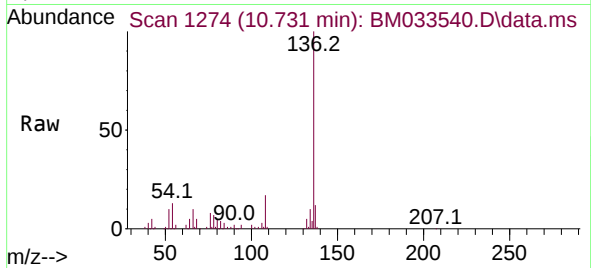
Tgt Ion: 77 Resp: 468
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#



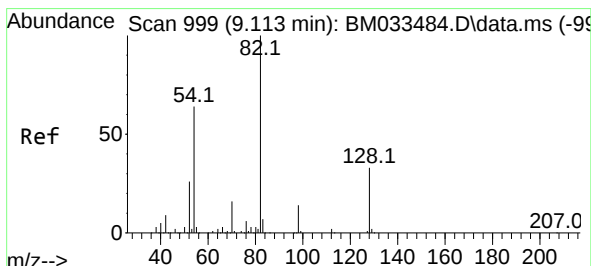
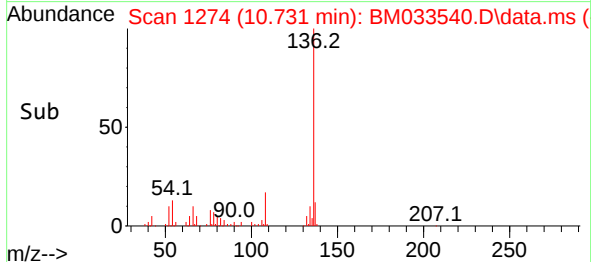
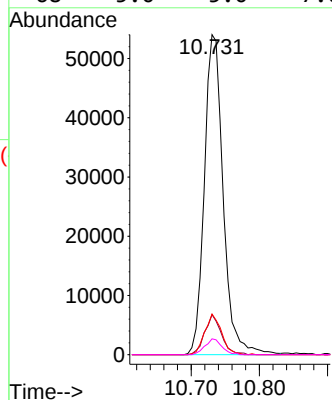


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM033540.D
Acq: 20 Dec 2021 15:09

Instrument :
BNA_M
ClientSampleId :

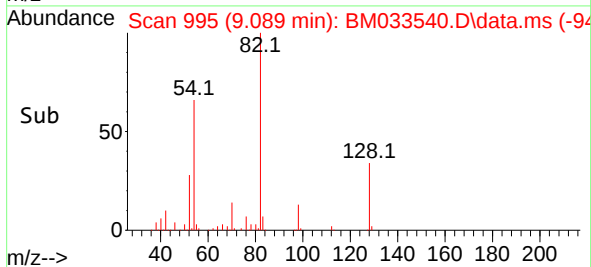
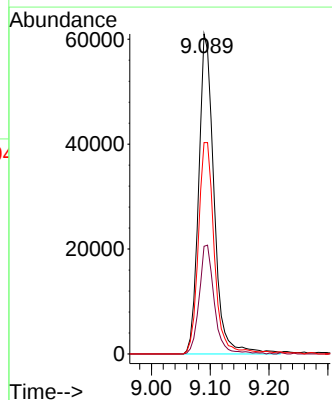
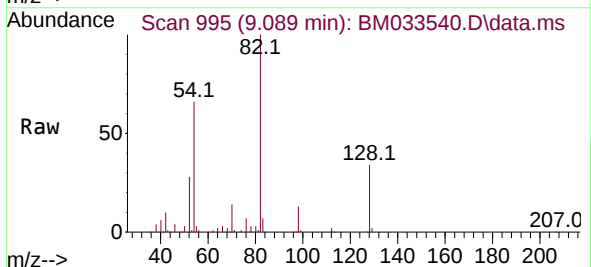


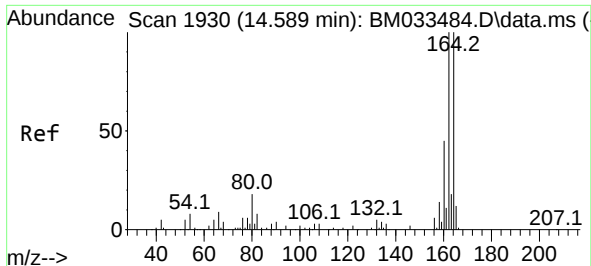
Tgt Ion:136 Resp: 103875
Ion Ratio Lower Upper
136 100
137 12.5 8.6 13.0
54 12.7 8.3 12.5#
68 5.0 5.0 7.6#



#23
Nitrobenzene-d5
Concen: 45.911 ng
RT: 9.089 min Scan# 995
Delta R.T. -0.006 min
Lab File: BM033540.D
Acq: 20 Dec 2021 15:09

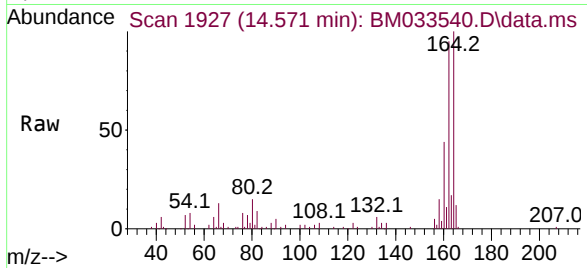
Tgt Ion: 82 Resp: 111067
Ion Ratio Lower Upper
82 100
128 33.7 28.1 42.1
54 66.1 46.1 69.1



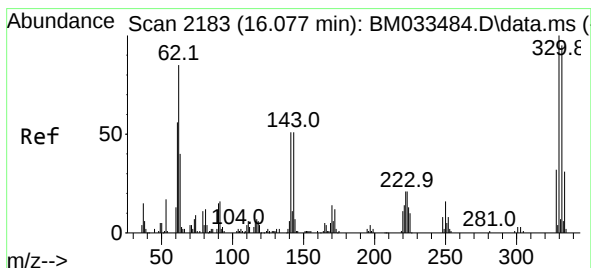
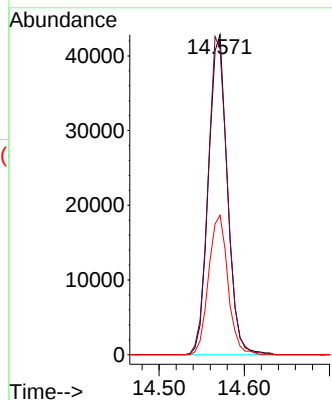
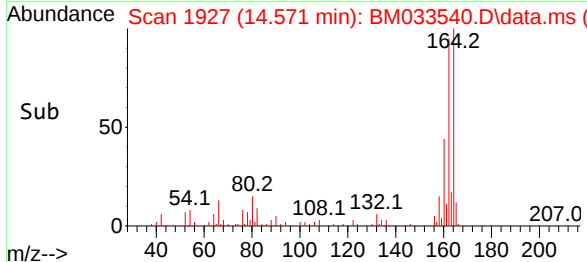


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.571 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BM033540.D
Acq: 20 Dec 2021 15:09

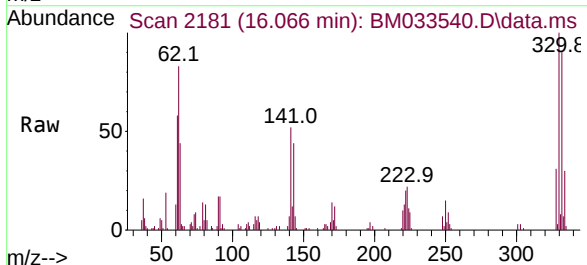
Instrument :
BNA_M
ClientSampleId :



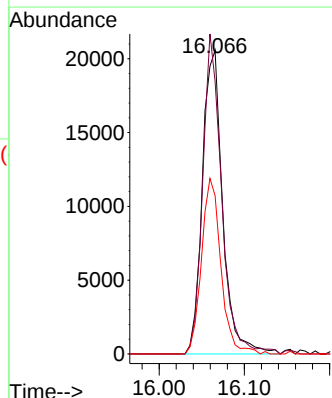
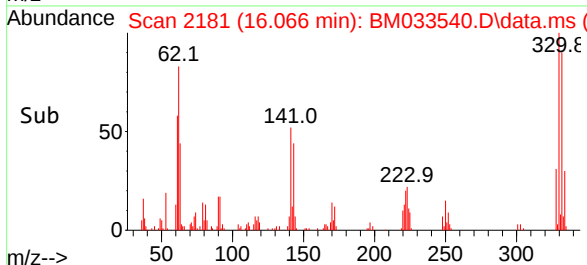
Tgt Ion:164 Resp: 65994
Ion Ratio Lower Upper
164 100
162 95.5 79.7 119.5
160 43.5 34.2 51.4

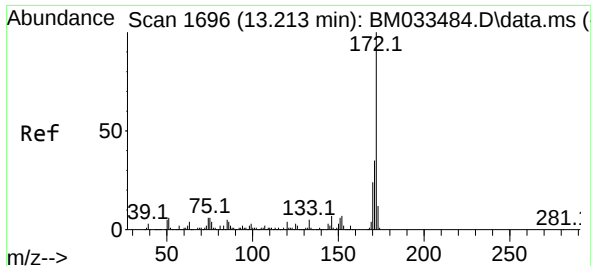


#42
2,4,6-Tribromophenol
Concen: 46.052 ng
RT: 16.066 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BM033540.D
Acq: 20 Dec 2021 15:09



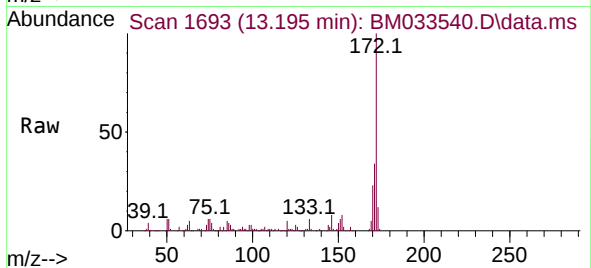
Tgt Ion:330 Resp: 34187
Ion Ratio Lower Upper
330 100
332 97.6 76.5 114.7
141 55.1 35.9 53.9#



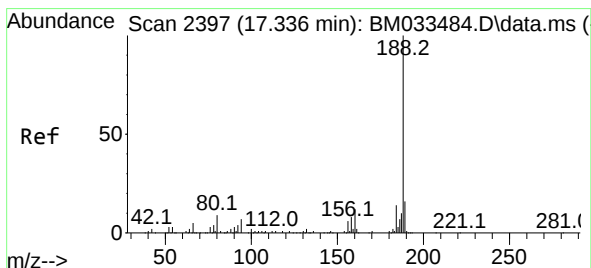
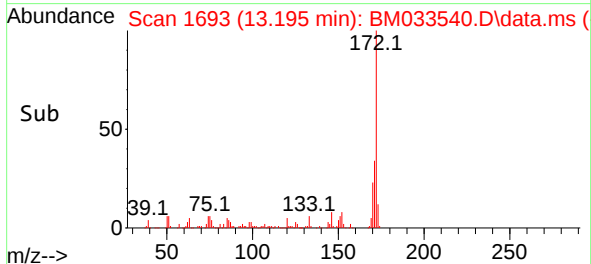
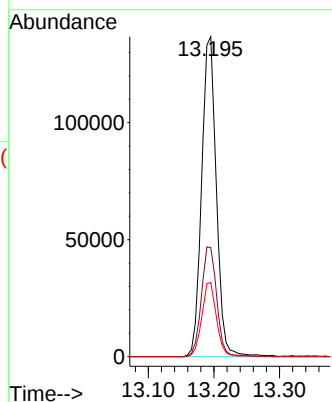


#45
2-Fluorobiphenyl
Concen: 44.905 ng
RT: 13.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM033540.D
Acq: 20 Dec 2021 15:09

Instrument :
BNA_M
ClientSampleId :

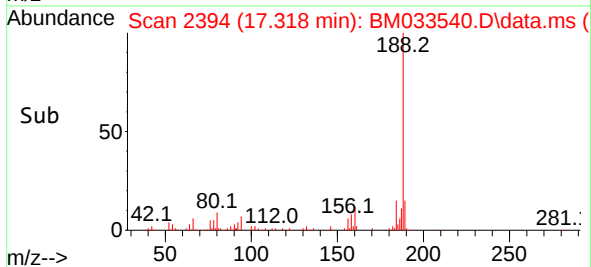
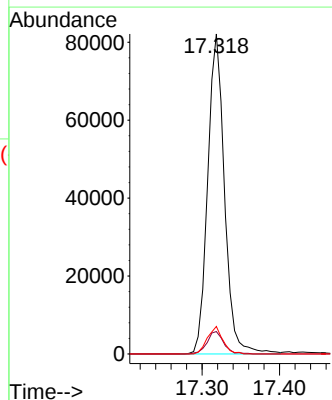
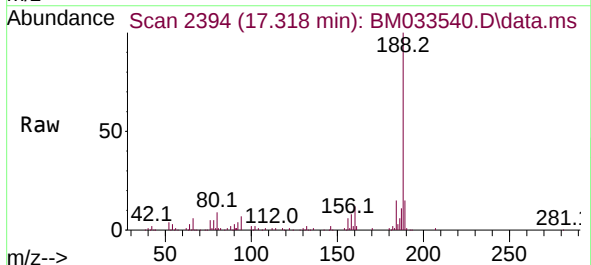


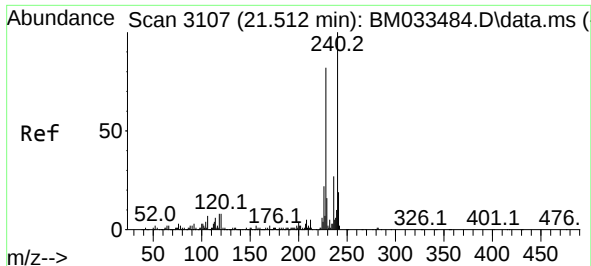
Tgt Ion:172 Resp: 214232
Ion Ratio Lower Upper
172 100
171 34.1 27.2 40.8
170 23.2 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BM033540.D
Acq: 20 Dec 2021 15:09

Tgt Ion:188 Resp: 123687
Ion Ratio Lower Upper
188 100
94 7.0 7.5 11.3#
80 8.6 8.9 13.3#

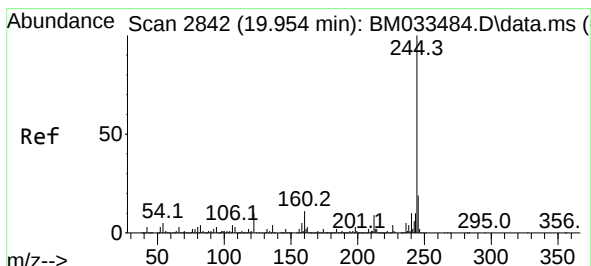
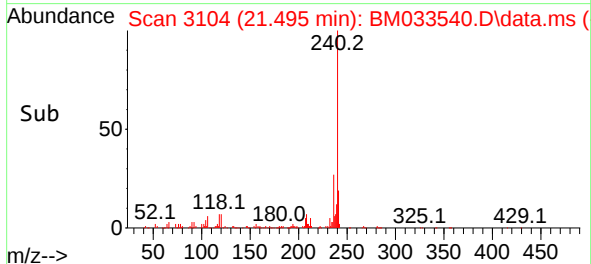
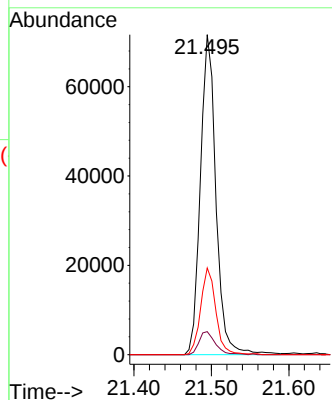
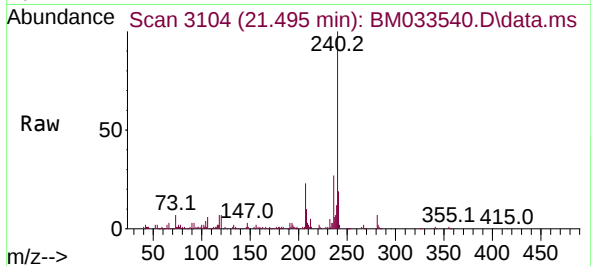




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BM033540.D
Acq: 20 Dec 2021 15:09

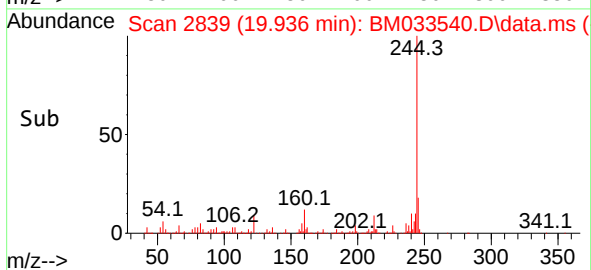
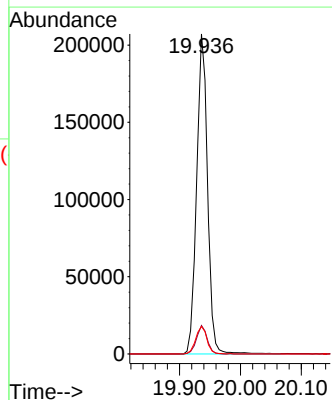
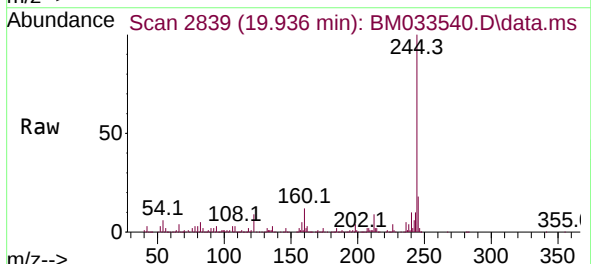
Instrument :
BNA_M
ClientSampleId :

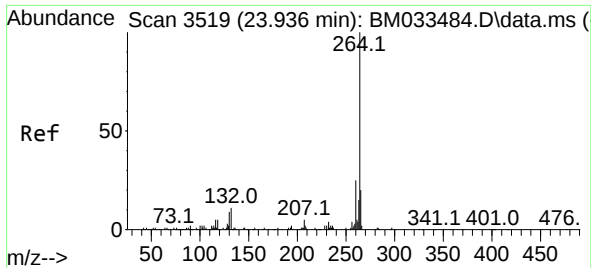
Tgt Ion:240 Resp: 99988
Ion Ratio Lower Upper
240 100
120 7.2 7.8 11.6#
236 27.1 20.3 30.5



#79
Terphenyl-d14
Concen: 40.560 ng
RT: 19.936 min Scan# 2839
Delta R.T. -0.000 min
Lab File: BM033540.D
Acq: 20 Dec 2021 15:09

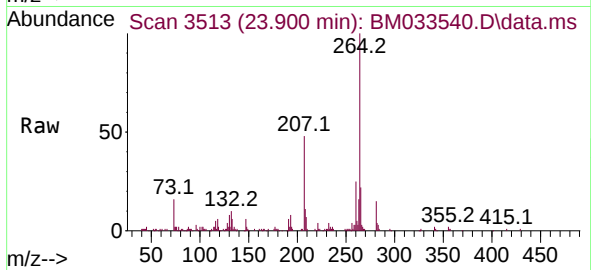
Tgt Ion:244 Resp: 257605
Ion Ratio Lower Upper
244 100
212 8.9 5.9 8.9#
122 8.6 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.900 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM033540.D
Acq: 20 Dec 2021 15:09

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:	264	Resp:	99778
Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.7	26.5
265	22.1	17.7	26.5

