

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122021\
 Data File : BM033543.D
 Acq On : 20 Dec 2021 16:56
 Operator : CG/JU
 Sample : M5082-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 21 03:59:49 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)

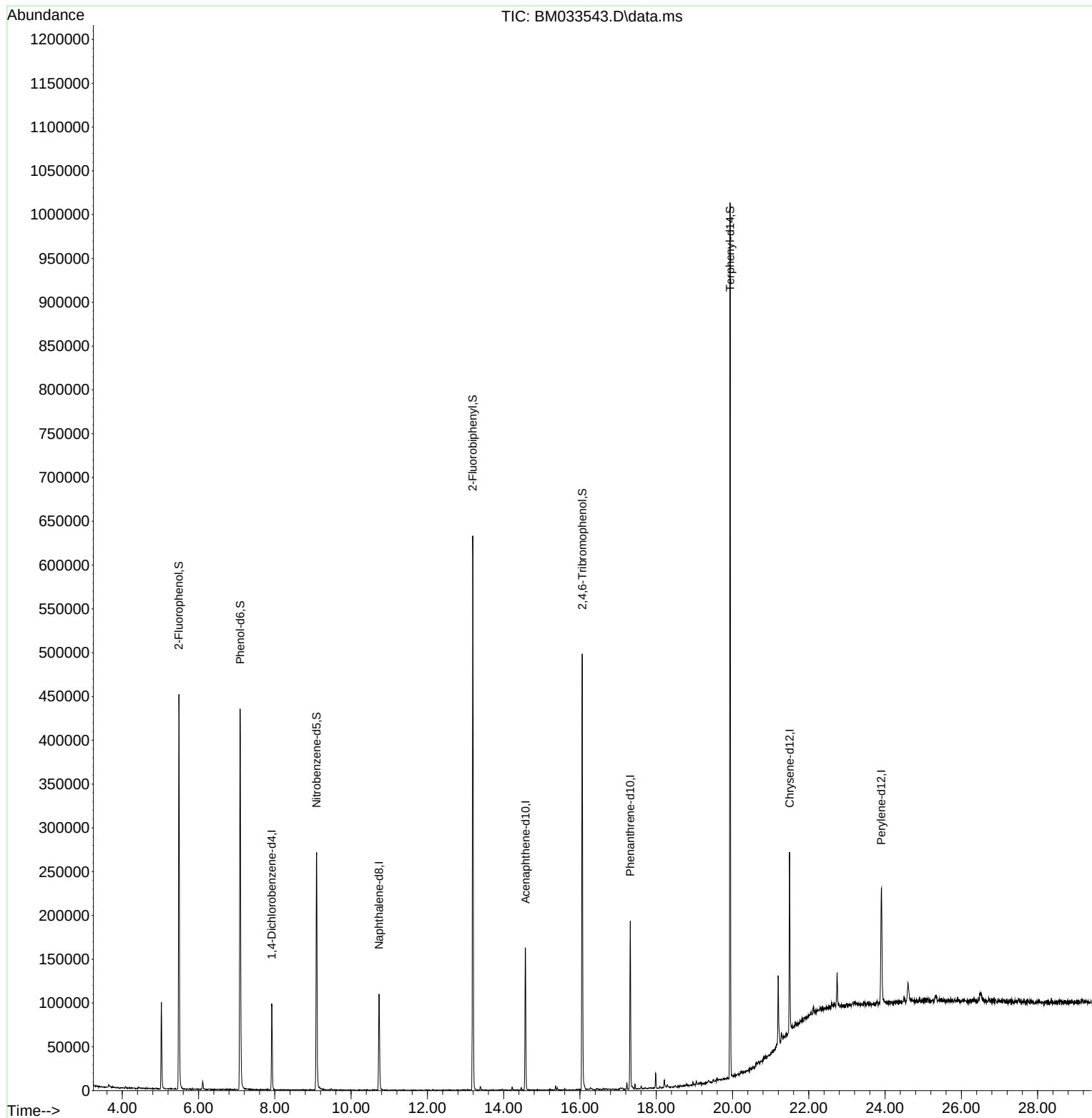
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	22291	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	83392	20.000	ng	# 0.00
39) Acenaphthene-d10	14.572	164	54401	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	107796	20.000	ng	# 0.00
76) Chrysene-d12	21.495	240	98158	20.000	ng	# 0.00
86) Perylene-d12	23.900	264	102759	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	146244	113.207	ng	0.00
7) Phenol-d6	7.090	99	187178	107.969	ng	0.00
23) Nitrobenzene-d5	9.095	82	149184	76.813	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	63217	103.304	ng	0.00
45) 2-Fluorobiphenyl	13.189	172	287407	73.082	ng	0.00
79) Terphenyl-d14	19.936	244	391271	62.755	ng	0.00
Target Compounds						
9) Benzaldehyde	7.096	77	633	Below Cal	#	Qvalue 7

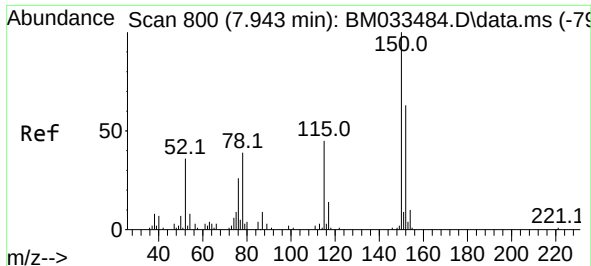
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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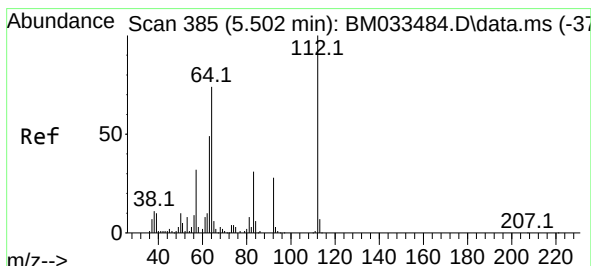
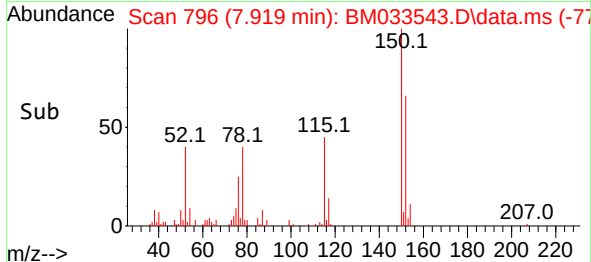
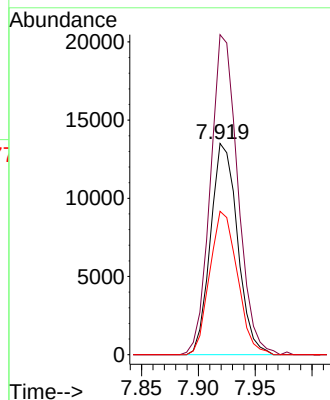
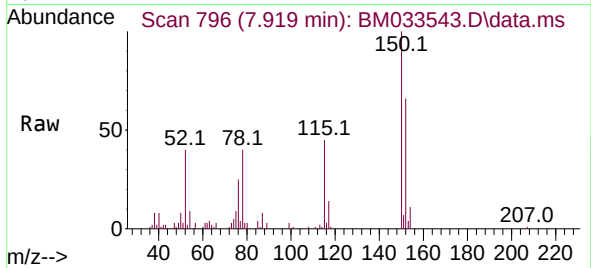




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.919 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM033543.D
Acq: 20 Dec 2021 16:56

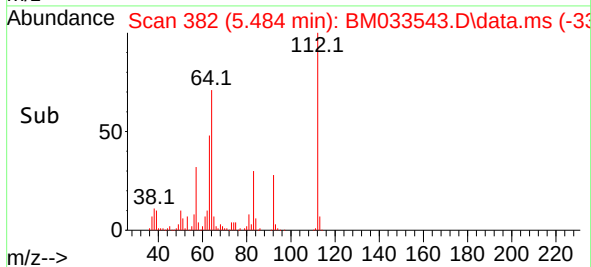
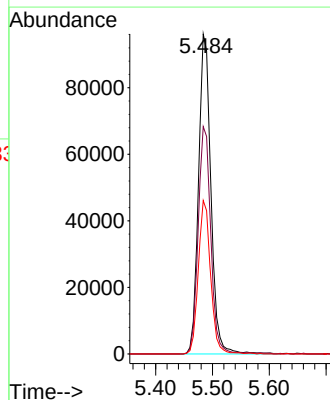
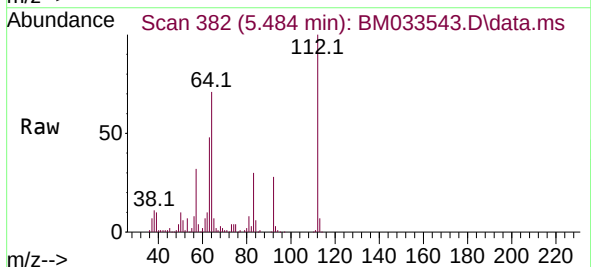
Instrument :
BNA_M
ClientSampleId :

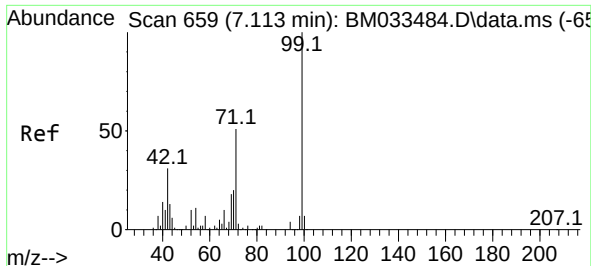
Tgt Ion:152 Resp: 22291
Ion Ratio Lower Upper
152 100
150 151.6 128.9 193.3
115 67.9 53.0 79.6



#5
2-Fluorophenol
Concen: 113.207 ng
RT: 5.484 min Scan# 382
Delta R.T. -0.000 min
Lab File: BM033543.D
Acq: 20 Dec 2021 16:56

Tgt Ion:112 Resp: 146244
Ion Ratio Lower Upper
112 100
64 71.0 55.5 83.3
63 47.9 31.3 46.9#

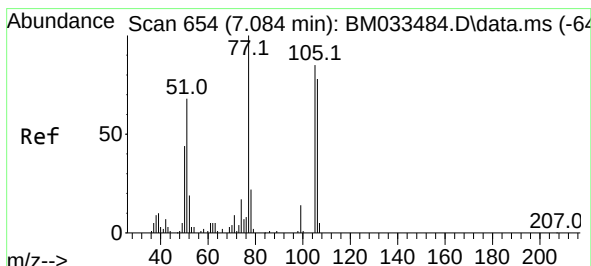
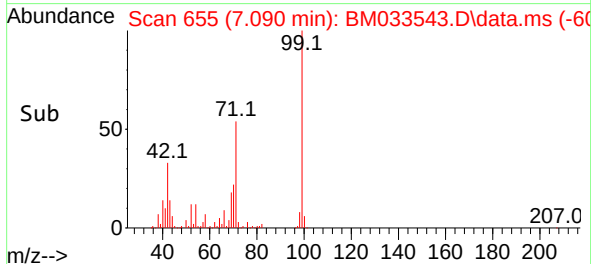
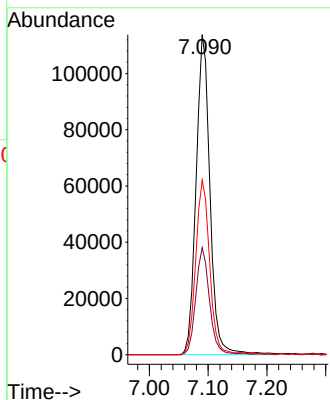
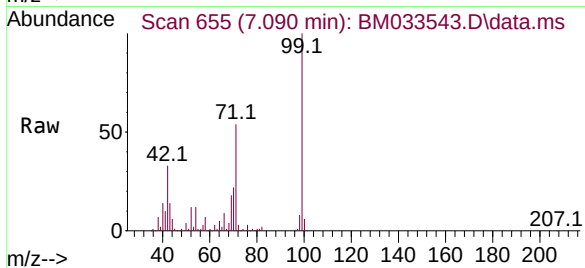




#7
Phenol-d6
Concen: 107.969 ng
RT: 7.090 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM033543.D
Acq: 20 Dec 2021 16:56

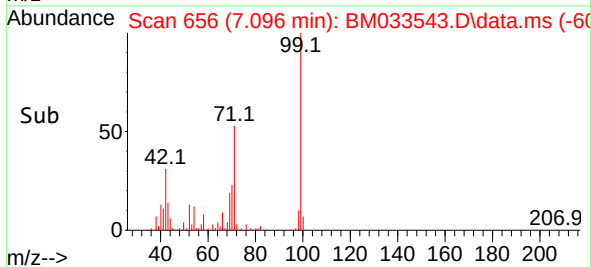
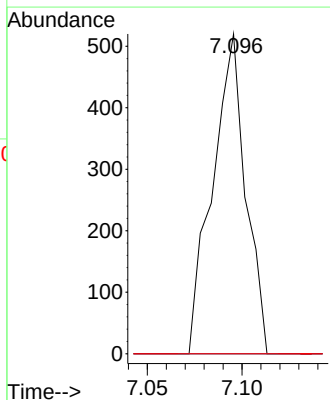
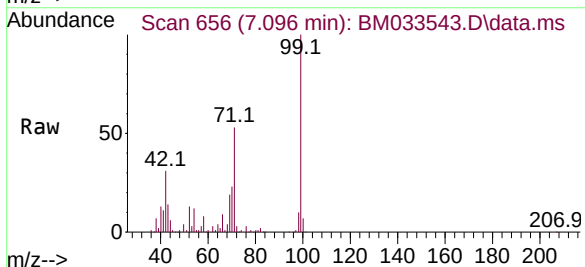
Instrument :
BNA_M
ClientSampleId :

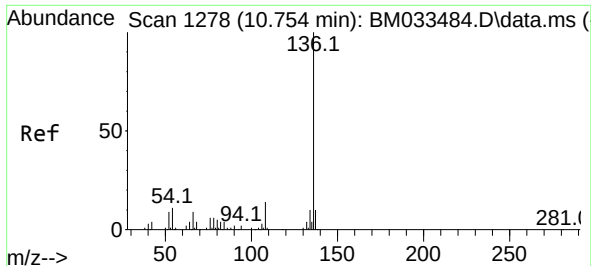
Tgt Ion: 99 Resp: 187178
Ion Ratio Lower Upper
99 100
42 33.5 20.3 30.5#
71 54.5 34.5 51.7#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.096 min Scan# 656
Delta R.T. 0.029 min
Lab File: BM033543.D
Acq: 20 Dec 2021 16:56

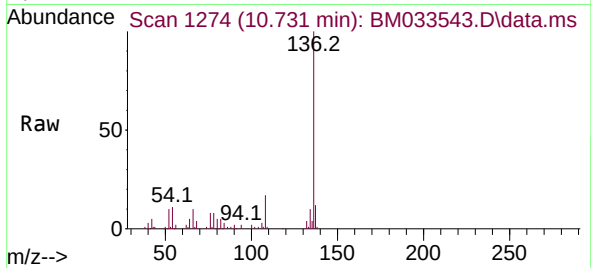
Tgt Ion: 77 Resp: 633
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#



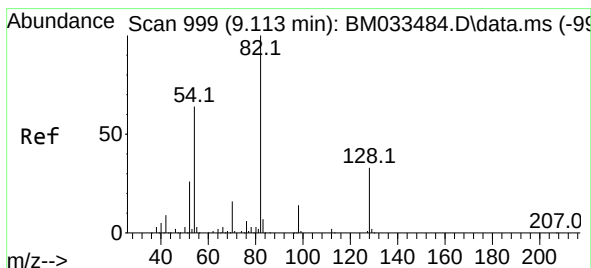
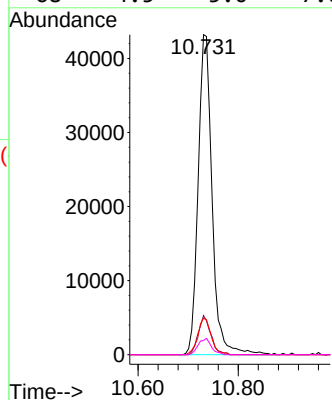


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM033543.D
Acq: 20 Dec 2021 16:56

Instrument :
BNA_M
ClientSampleId :

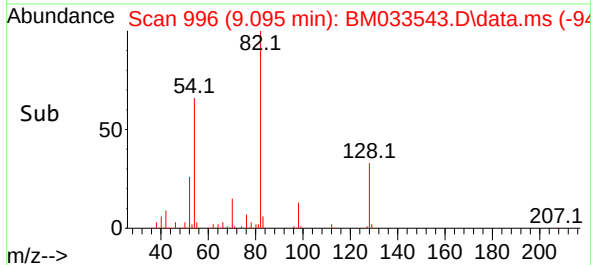
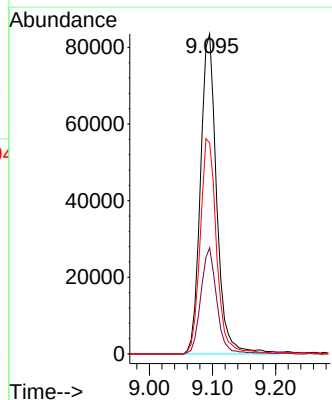
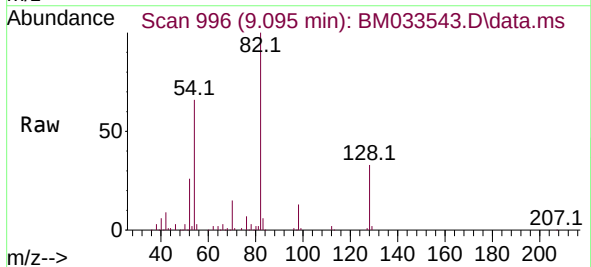


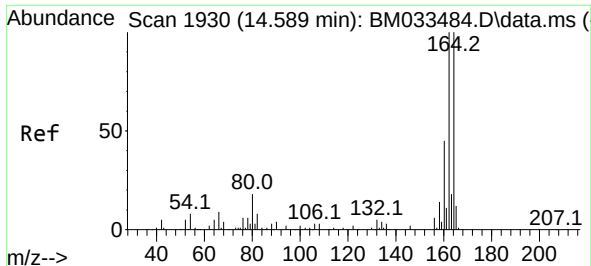
Tgt Ion:	136	Resp:	83392
Ion Ratio	Lower	Upper	
136	100		
137	12.2	8.6	13.0
54	11.3	8.3	12.5
68	4.5	5.0	7.6



#23
Nitrobenzene-d5
Concen: 76.813 ng
RT: 9.095 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM033543.D
Acq: 20 Dec 2021 16:56

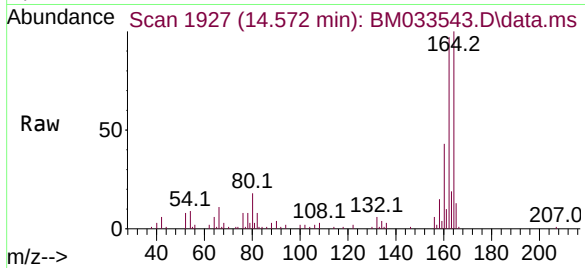
Tgt Ion:	82	Resp:	149184
Ion Ratio	Lower	Upper	
82	100		
128	33.2	28.1	42.1
54	65.9	46.1	69.1



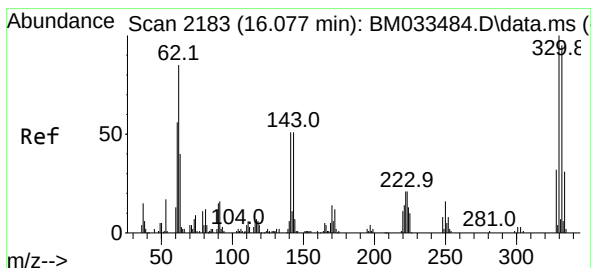
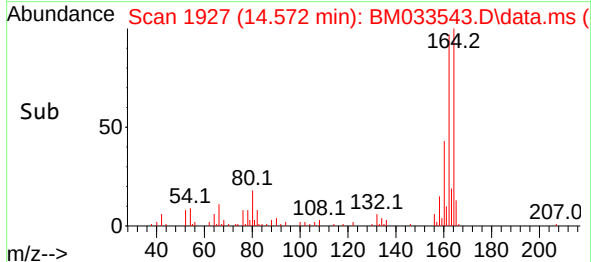
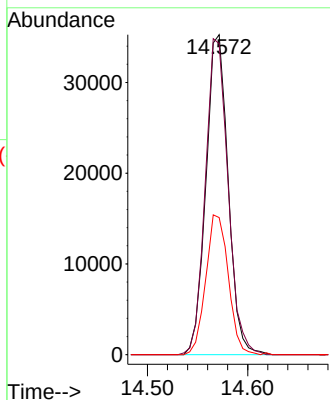


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.572 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BM033543.D
Acq: 20 Dec 2021 16:56

Instrument :
BNA_M
ClientSampleId :

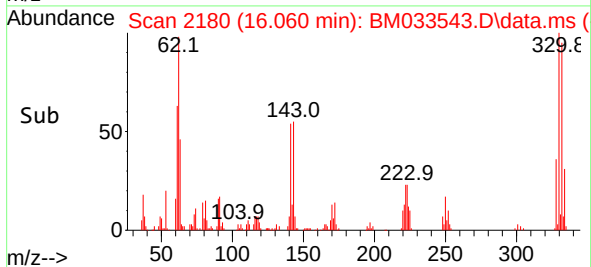
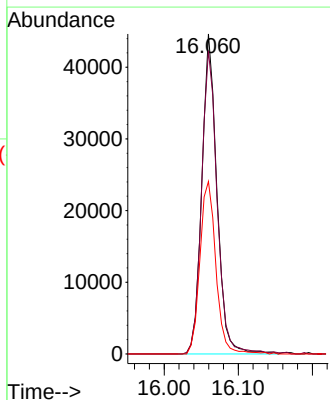
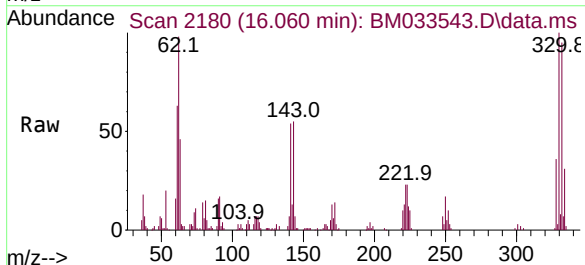


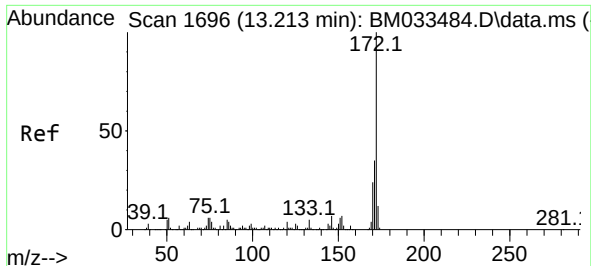
Tgt Ion:164 Resp: 54401
Ion Ratio Lower Upper
164 100
162 97.2 79.7 119.5
160 42.9 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 103.304 ng
RT: 16.060 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BM033543.D
Acq: 20 Dec 2021 16:56

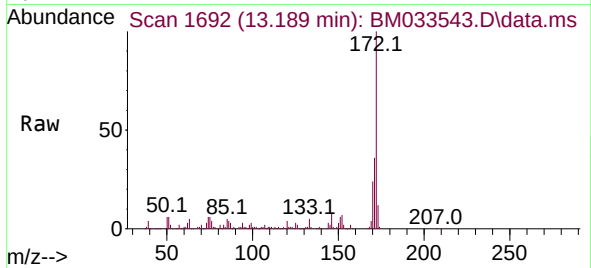
Tgt Ion:330 Resp: 63217
Ion Ratio Lower Upper
330 100
332 98.7 76.5 114.7
141 57.1 35.9 53.9#



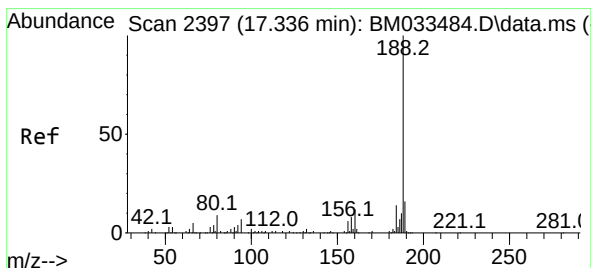
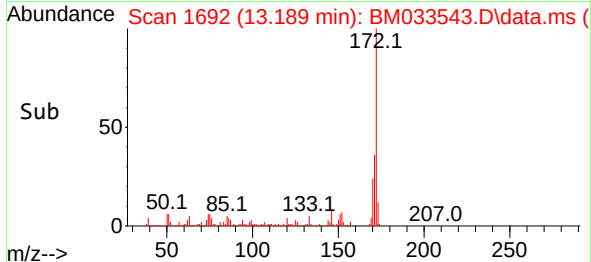
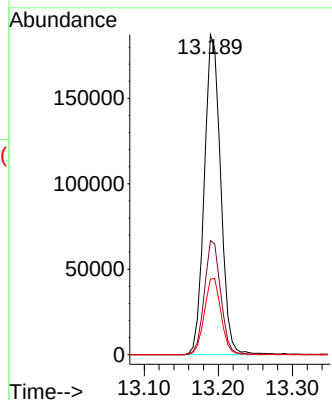


#45
2-Fluorobiphenyl
Concen: 73.082 ng
RT: 13.189 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033543.D
Acq: 20 Dec 2021 16:56

Instrument :
BNA_M
ClientSampleId :

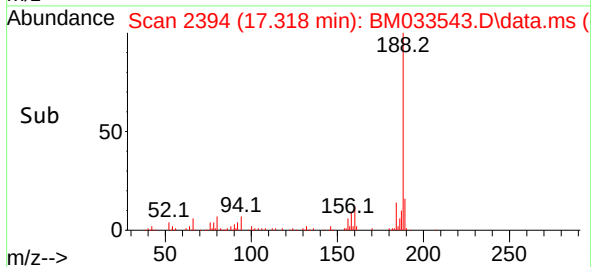
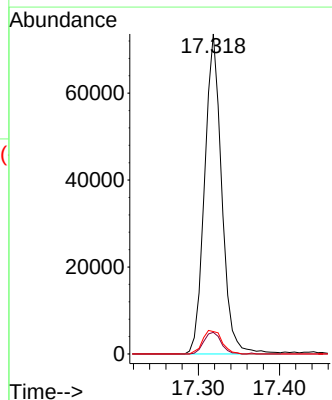
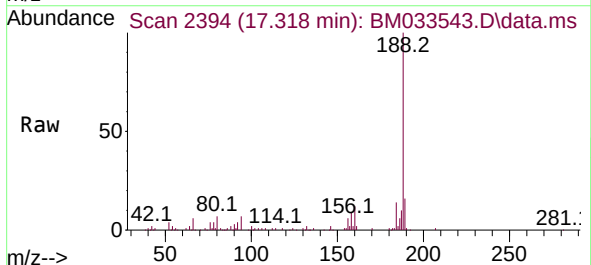


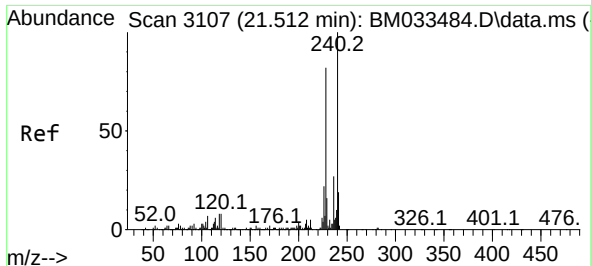
Tgt Ion:172 Resp: 287407
Ion Ratio Lower Upper
172 100
171 35.7 27.2 40.8
170 23.6 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BM033543.D
Acq: 20 Dec 2021 16:56

Tgt Ion:188 Resp: 107796
Ion Ratio Lower Upper
188 100
94 6.8 7.5 11.3#
80 7.0 8.9 13.3#

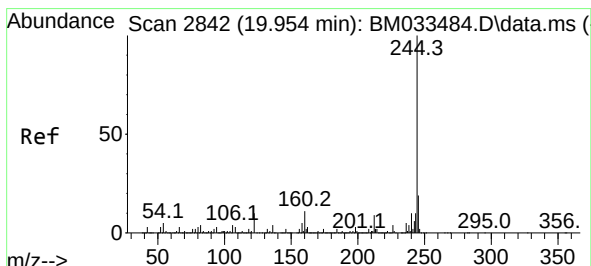
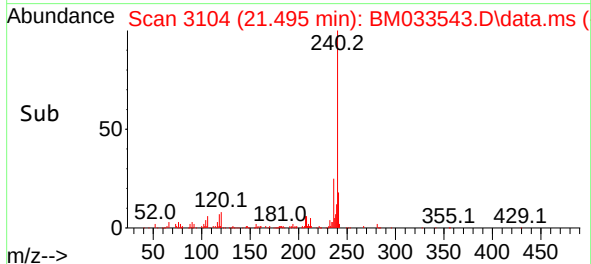
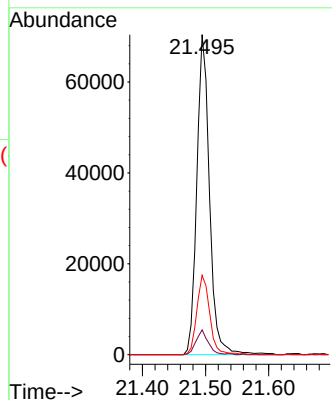
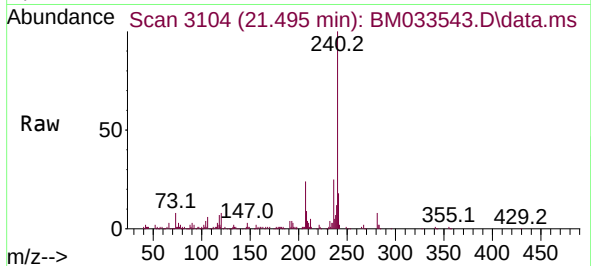




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BM033543.D
Acq: 20 Dec 2021 16:56

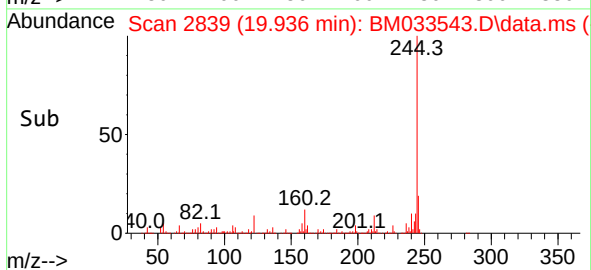
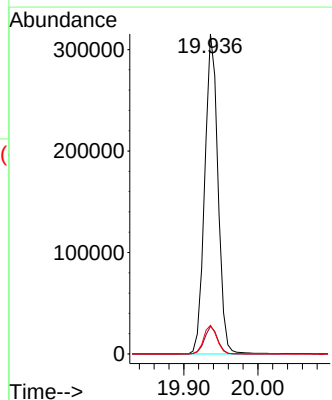
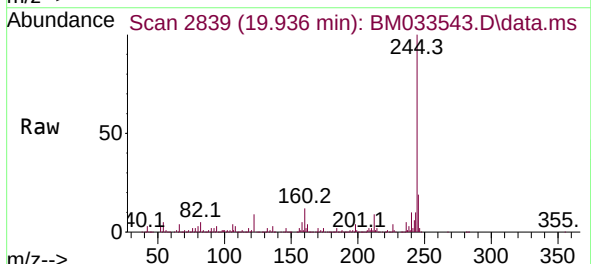
Instrument :
BNA_M
ClientSampleId :

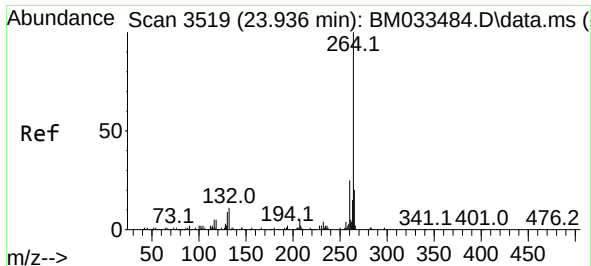
Tgt Ion:240 Resp: 98158
Ion Ratio Lower Upper
240 100
120 7.7 7.8 11.6#
236 24.8 20.3 30.5



#79
Terphenyl-d14
Concen: 62.755 ng
RT: 19.936 min Scan# 2839
Delta R.T. -0.000 min
Lab File: BM033543.D
Acq: 20 Dec 2021 16:56

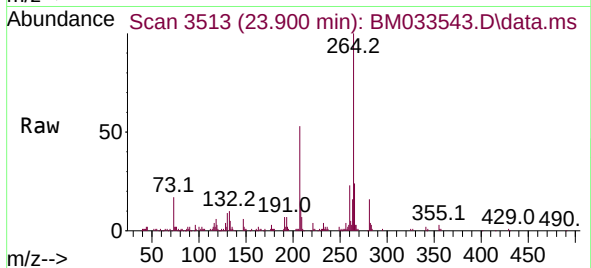
Tgt Ion:244 Resp: 391271
Ion Ratio Lower Upper
244 100
212 8.7 5.9 8.9
122 8.9 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.900 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM033543.D
 Acq: 20 Dec 2021 16:56

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:264 Resp: 102759
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.7 26.5
 265 24.0 17.7 26.5

