

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122021\
 Data File : BM033544.D
 Acq On : 20 Dec 2021 17:32
 Operator : CG/JU
 Sample : M5079-04RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 21 03:59:58 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)

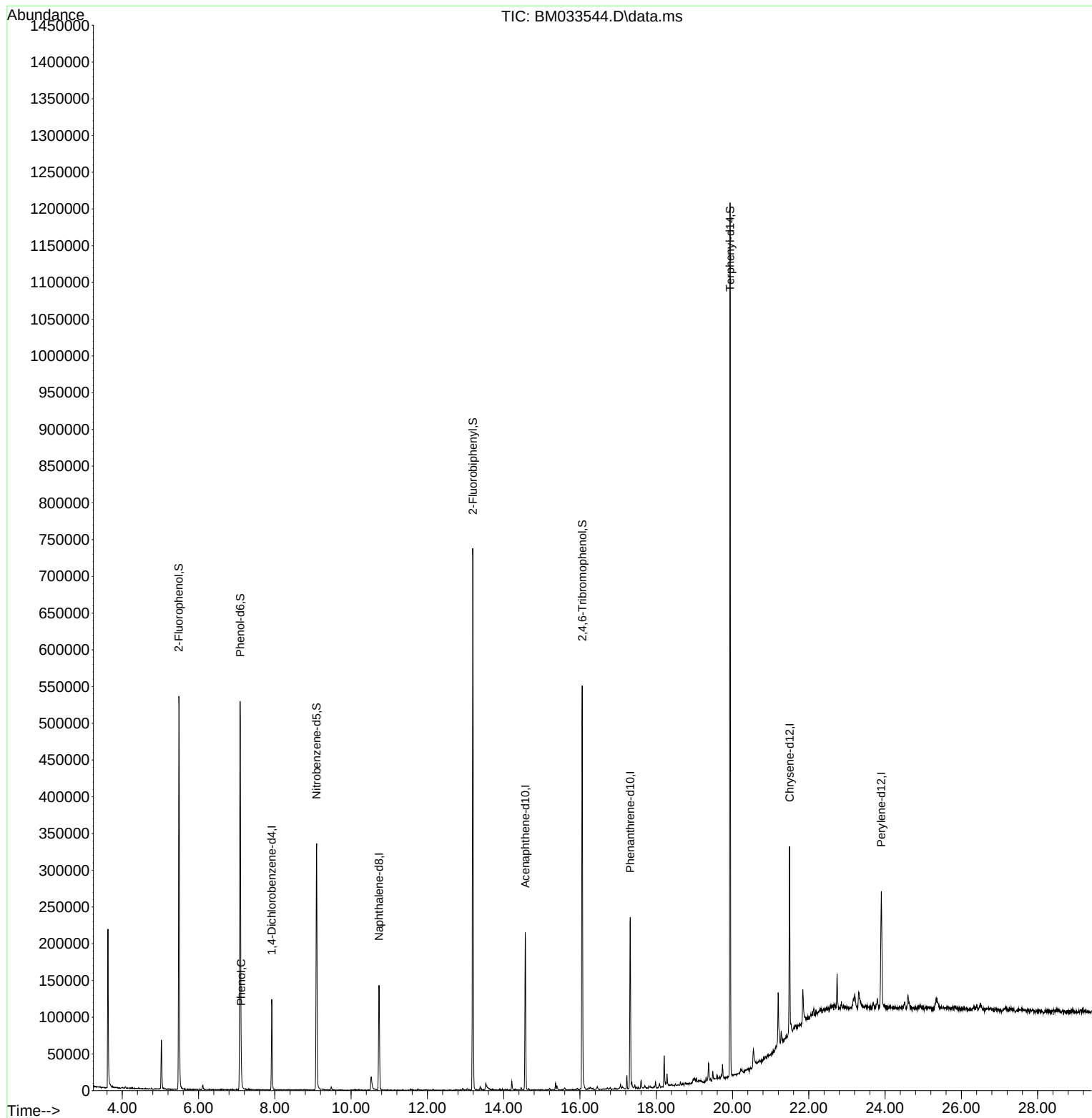
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	26441	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	103321	20.000	ng	# 0.00
39) Acenaphthene-d10	14.566	164	66469	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	130842	20.000	ng	# 0.00
76) Chrysene-d12	21.495	240	111868	20.000	ng	# 0.00
86) Perylene-d12	23.901	264	114980	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	174698	114.008	ng	0.00
7) Phenol-d6	7.090	99	227543	110.652	ng	0.00
23) Nitrobenzene-d5	9.096	82	179039	74.404	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	71444	95.551	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	333543	69.415	ng	0.00
79) Terphenyl-d14	19.936	244	457278	64.353	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.096	77	873	Below Cal	#	7
10) Phenol	7.119	94	9387	4.518	ng	80

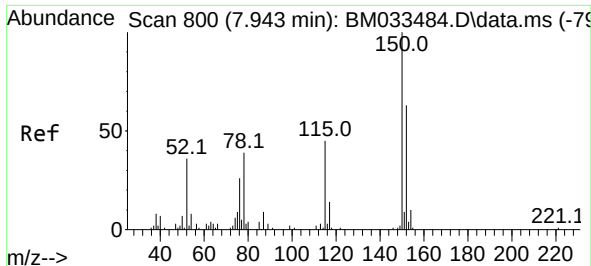
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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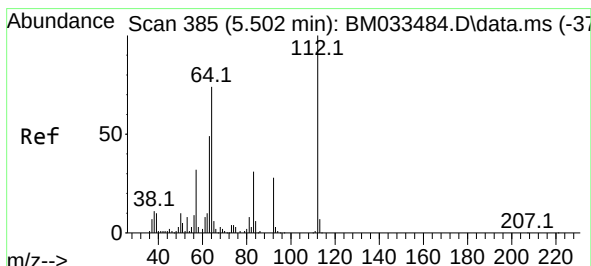
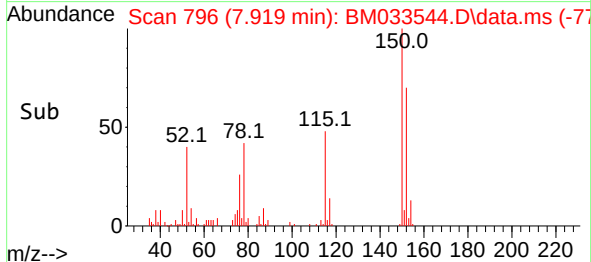
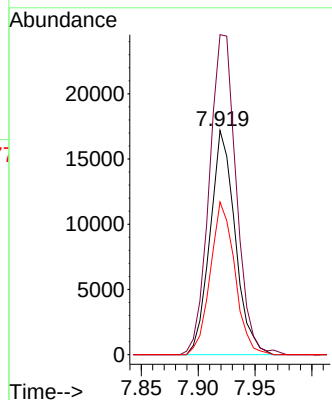
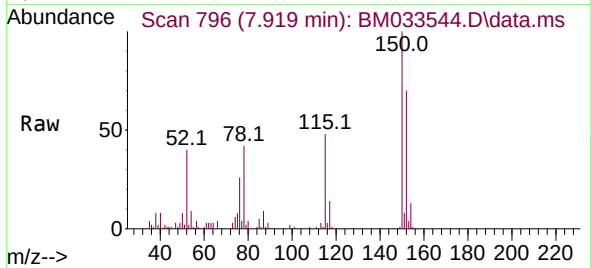




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.919 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM033544.D
Acq: 20 Dec 2021 17:32

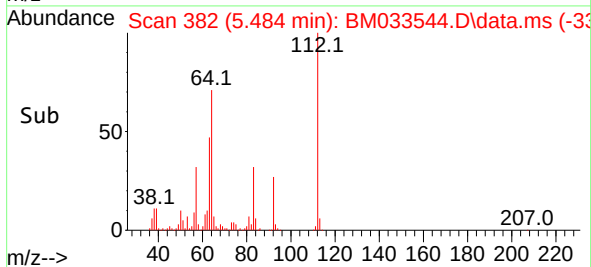
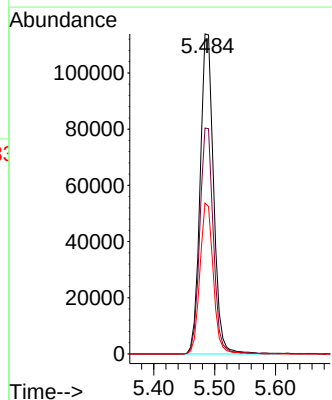
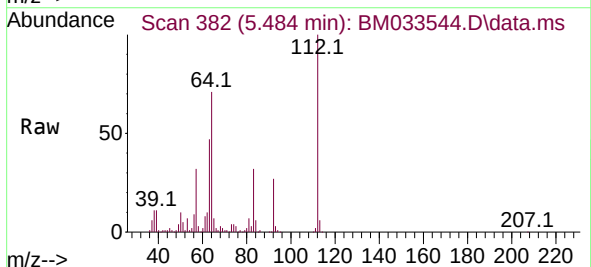
Instrument :
BNA_M
ClientSampleId :

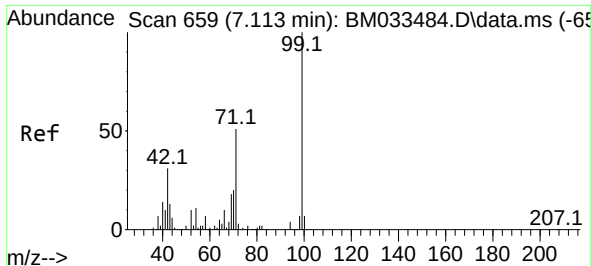
Tgt Ion:152 Resp: 26441
Ion Ratio Lower Upper
152 100
150 142.8 128.9 193.3
115 68.1 53.0 79.6



#5
2-Fluorophenol
Concen: 114.008 ng
RT: 5.484 min Scan# 382
Delta R.T. -0.000 min
Lab File: BM033544.D
Acq: 20 Dec 2021 17:32

Tgt Ion:112 Resp: 174698
Ion Ratio Lower Upper
112 100
64 70.6 55.5 83.3
63 47.2 31.3 46.9#

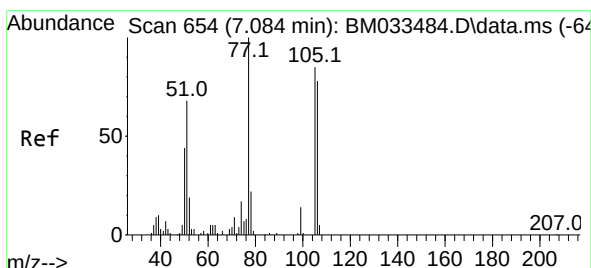
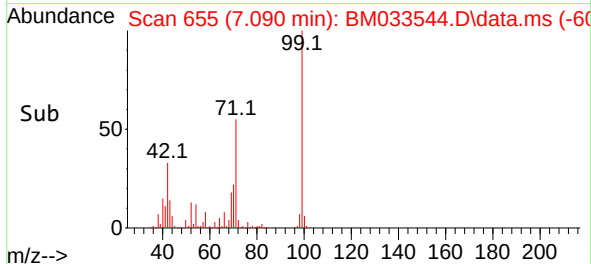
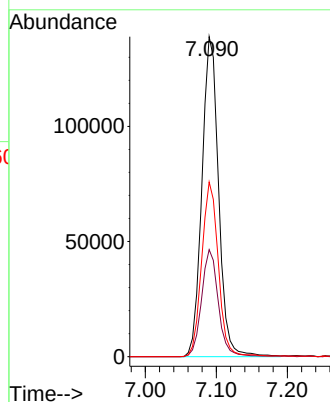
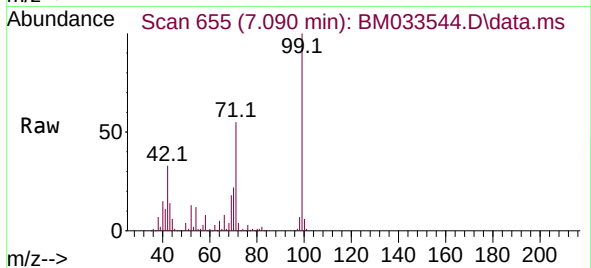




#7
Phenol-d6
Concen: 110.652 ng
RT: 7.090 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM033544.D
Acq: 20 Dec 2021 17:32

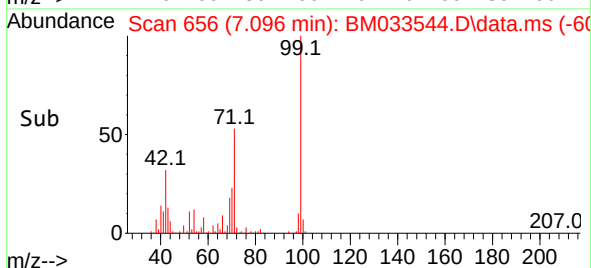
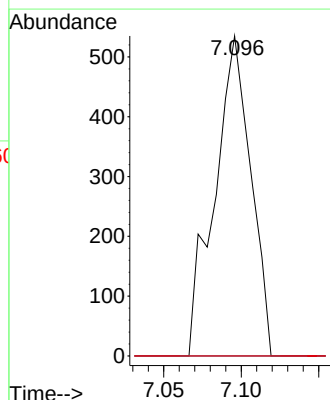
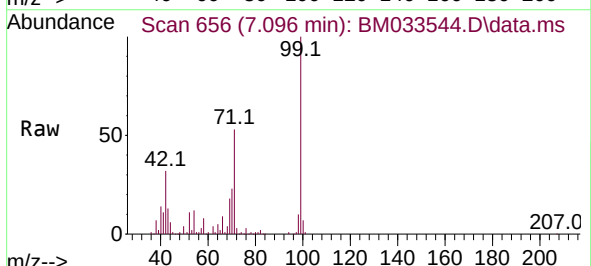
Instrument :
BNA_M
ClientSampleId :

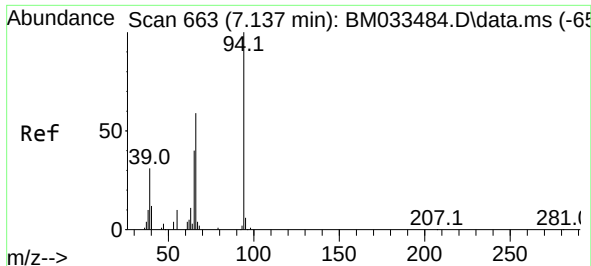
Tgt Ion: 99 Resp: 227543
Ion Ratio Lower Upper
99 100
42 33.5 20.3 30.5#
71 54.6 34.5 51.7#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.096 min Scan# 656
Delta R.T. 0.029 min
Lab File: BM033544.D
Acq: 20 Dec 2021 17:32

Tgt Ion: 77 Resp: 873
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#

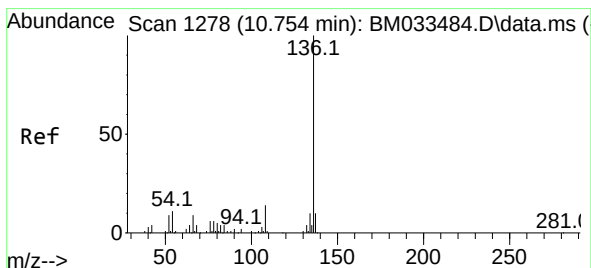
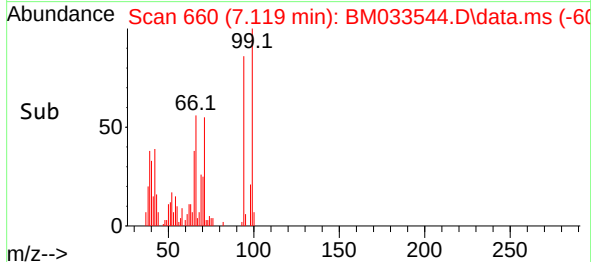
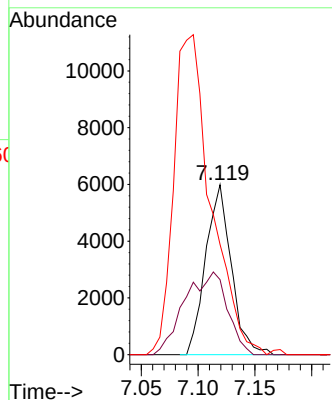
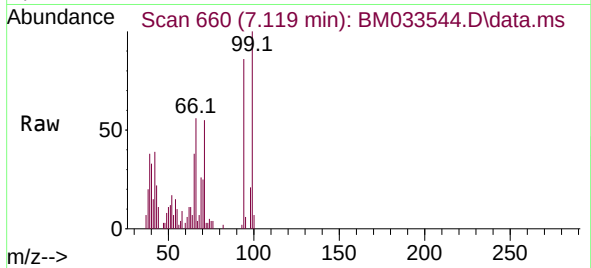




#10
Phenol
Concen: 4.518 ng
RT: 7.119 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM033544.D
Acq: 20 Dec 2021 17:32

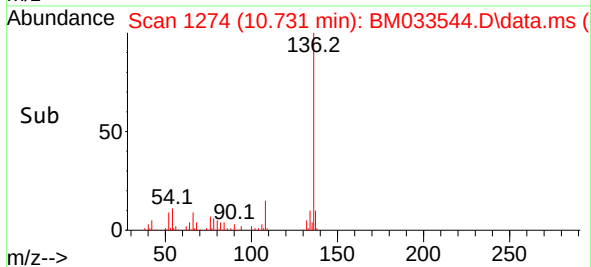
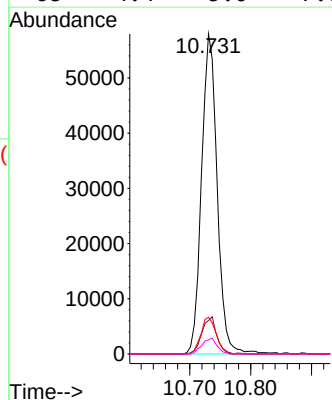
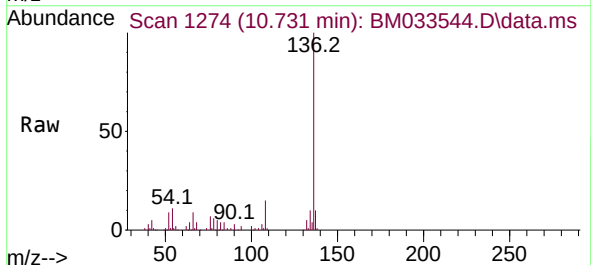
Instrument :
BNA_M
ClientSampleId :

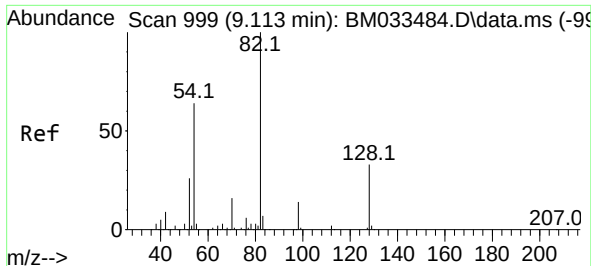
Tgt Ion: 94 Resp: 9387
Ion Ratio Lower Upper
94 100
65 44.2 15.5 55.5
66 64.9 28.5 68.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BM033544.D
Acq: 20 Dec 2021 17:32

Tgt Ion:136 Resp: 103321
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 11.5 8.3 12.5
68 4.4 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 74.404 ng

RT: 9.096 min Scan# 91

Delta R.T. -0.000 min

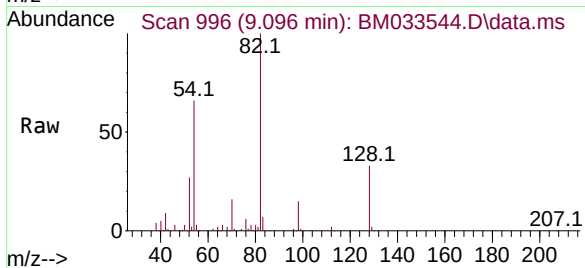
Lab File: BM033544.D

Acq: 20 Dec 2021 17:32

Instrument :

BNA_M

ClientSampleId :



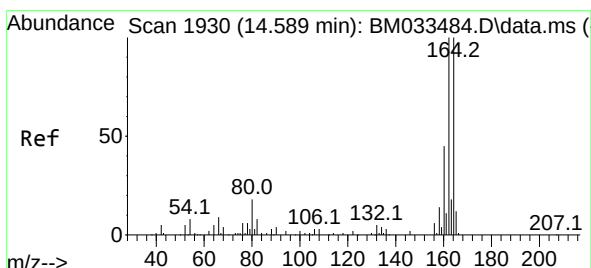
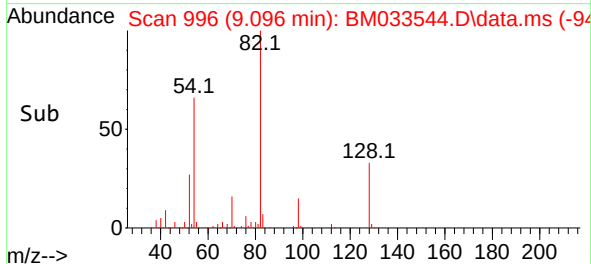
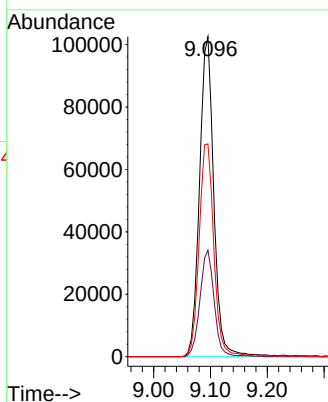
Tgt Ion: 82 Resp: 179039

Ion Ratio Lower Upper

82 100

128 33.2 28.1 42.1

54 66.5 46.1 69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.566 min Scan# 1926

Delta R.T. -0.000 min

Lab File: BM033544.D

Acq: 20 Dec 2021 17:32

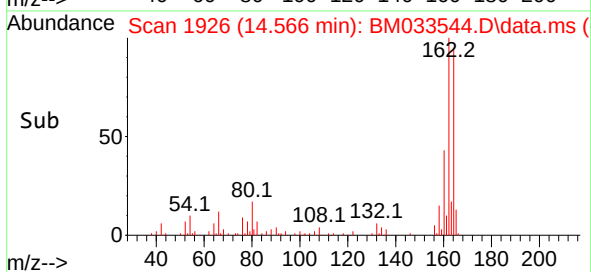
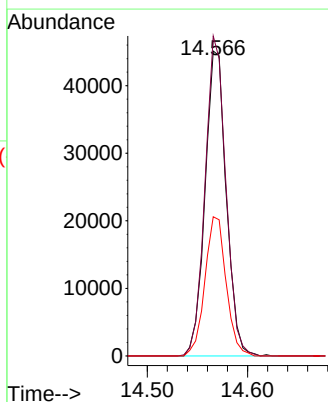
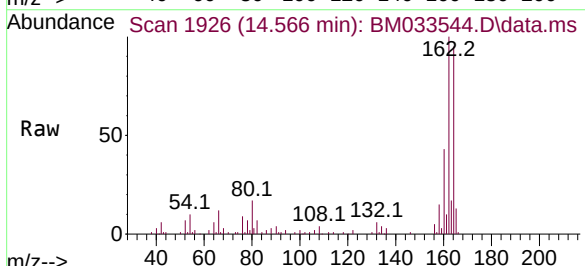
Tgt Ion: 164 Resp: 66469

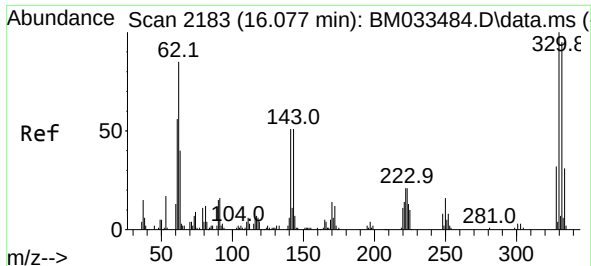
Ion Ratio Lower Upper

164 100

162 104.9 79.7 119.5

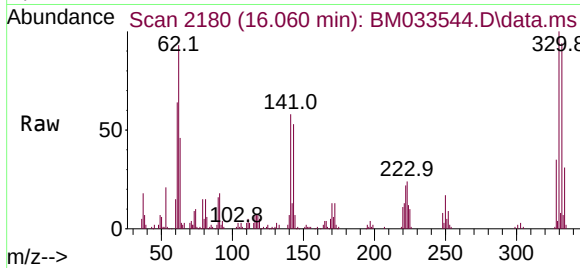
160 45.6 34.2 51.4



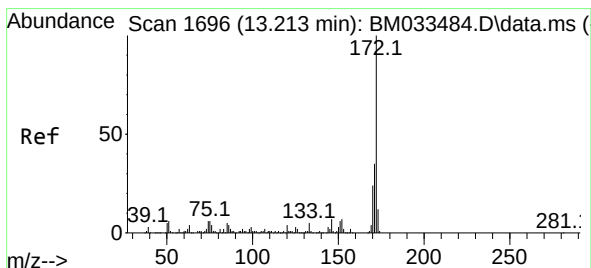
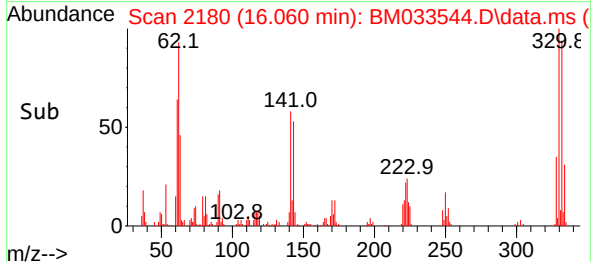
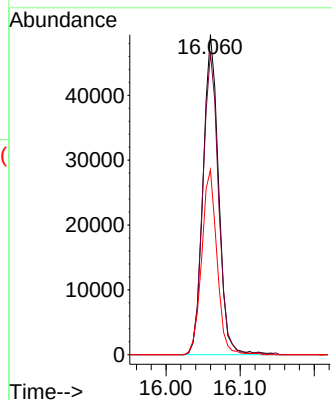


#42
2,4,6-Tribromophenol
Concen: 95.551 ng
RT: 16.060 min Scan# 2183
Delta R.T. -0.000 min
Lab File: BM033544.D
Acq: 20 Dec 2021 17:32

Instrument :
BNA_M
ClientSampleId :

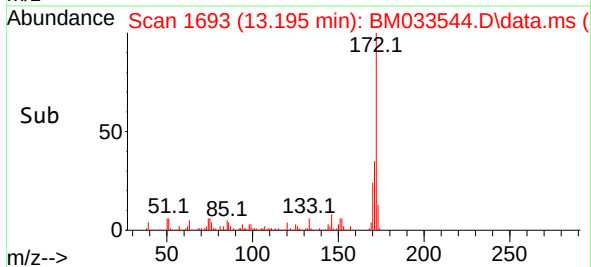
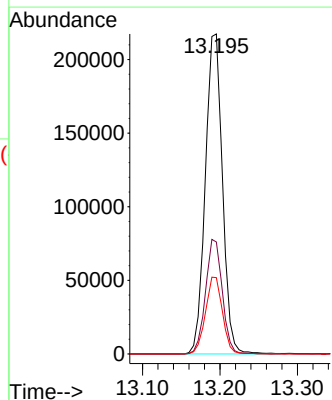
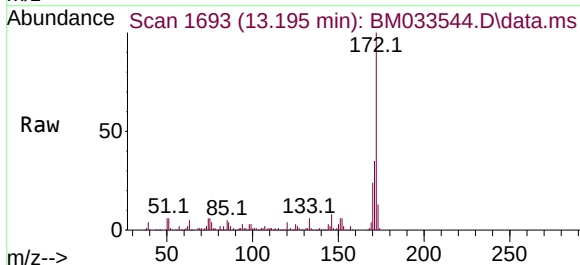


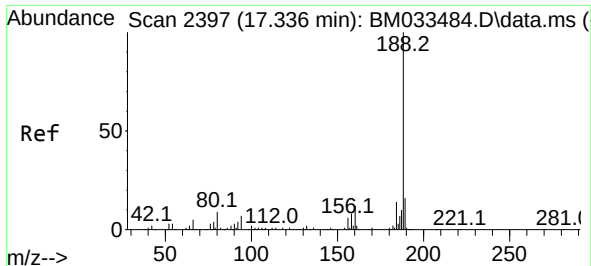
Tgt Ion:330 Resp: 71444
Ion Ratio Lower Upper
330 100
332 95.7 76.5 114.7
141 57.0 35.9 53.9#



#45
2-Fluorobiphenyl
Concen: 69.415 ng
RT: 13.195 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BM033544.D
Acq: 20 Dec 2021 17:32

Tgt Ion:172 Resp: 333543
Ion Ratio Lower Upper
172 100
171 35.0 27.2 40.8
170 23.9 18.7 28.1

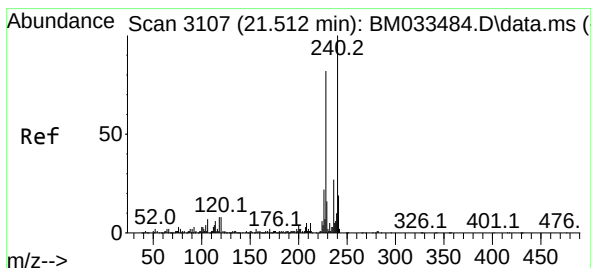
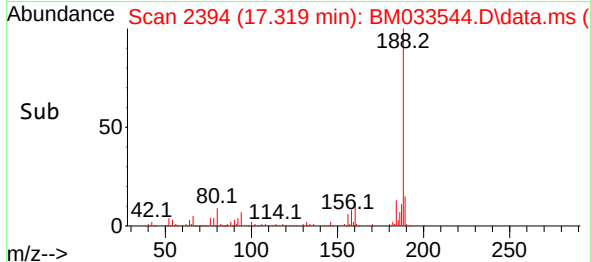
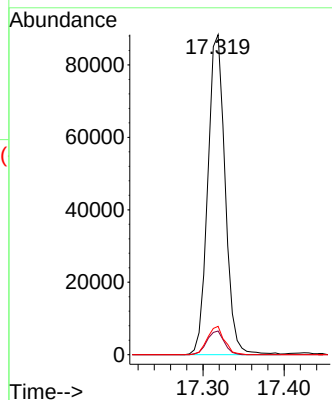
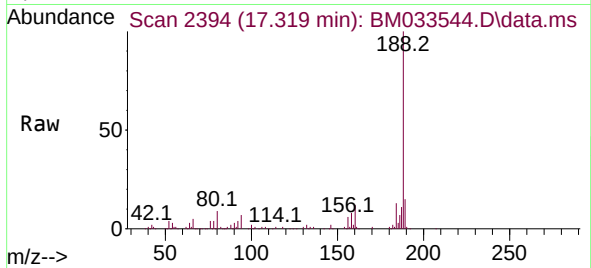




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.319 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM033544.D
Acq: 20 Dec 2021 17:32

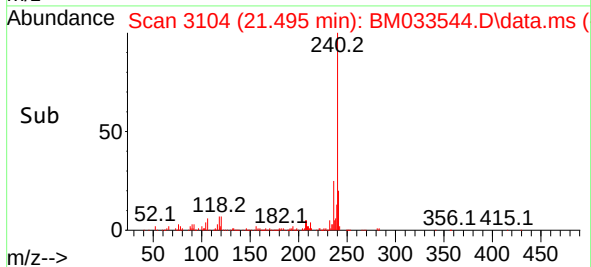
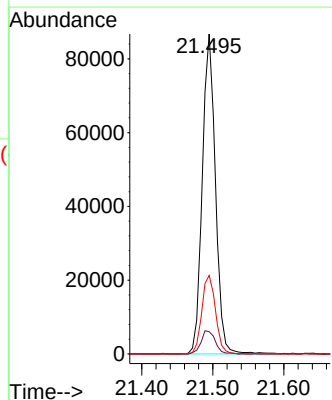
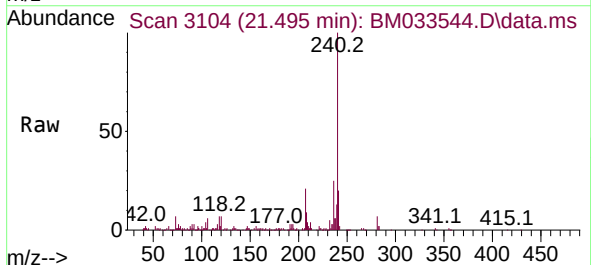
Instrument :
BNA_M
ClientSampleId :

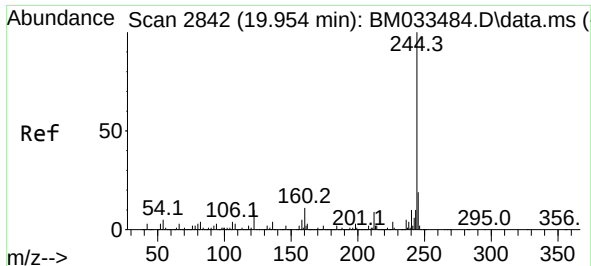
Tgt Ion:188 Resp: 130842
Ion Ratio Lower Upper
188 100
94 7.4 7.5 11.3#
80 8.9 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BM033544.D
Acq: 20 Dec 2021 17:32

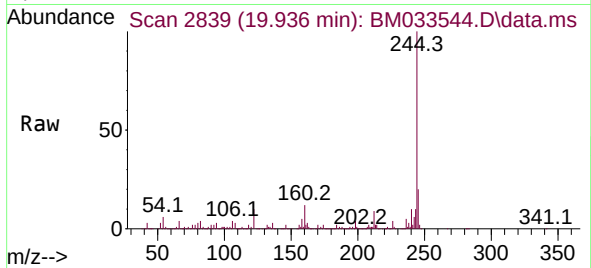
Tgt Ion:240 Resp: 111868
Ion Ratio Lower Upper
240 100
120 7.0 7.8 11.6#
236 24.6 20.3 30.5



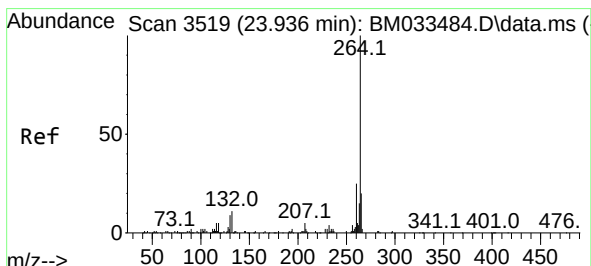
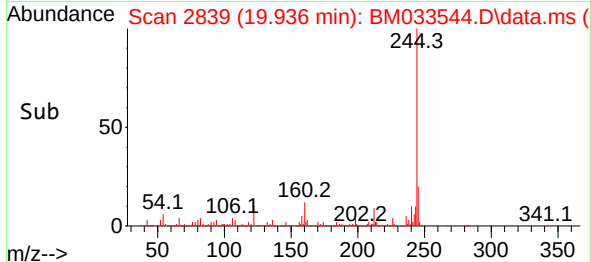
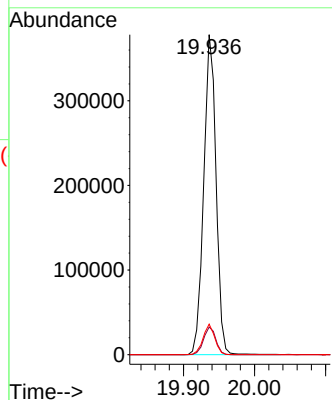


#79
 Terphenyl-d14
 Concen: 64.353 ng
 RT: 19.936 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM033544.D
 Acq: 20 Dec 2021 17:32

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:244 Resp: 457278
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.9 8.9
 122 9.5 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.901 min Scan# 3513
 Delta R.T. -0.000 min
 Lab File: BM033544.D
 Acq: 20 Dec 2021 17:32

Tgt Ion:264 Resp: 114980
 Ion Ratio Lower Upper
 264 100
 260 25.9 17.7 26.5
 265 22.3 17.7 26.5

