

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122021\
 Data File : BM033541.D
 Acq On : 20 Dec 2021 15:45
 Operator : CG/JU
 Sample : M5081-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 21 03:59:30 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)

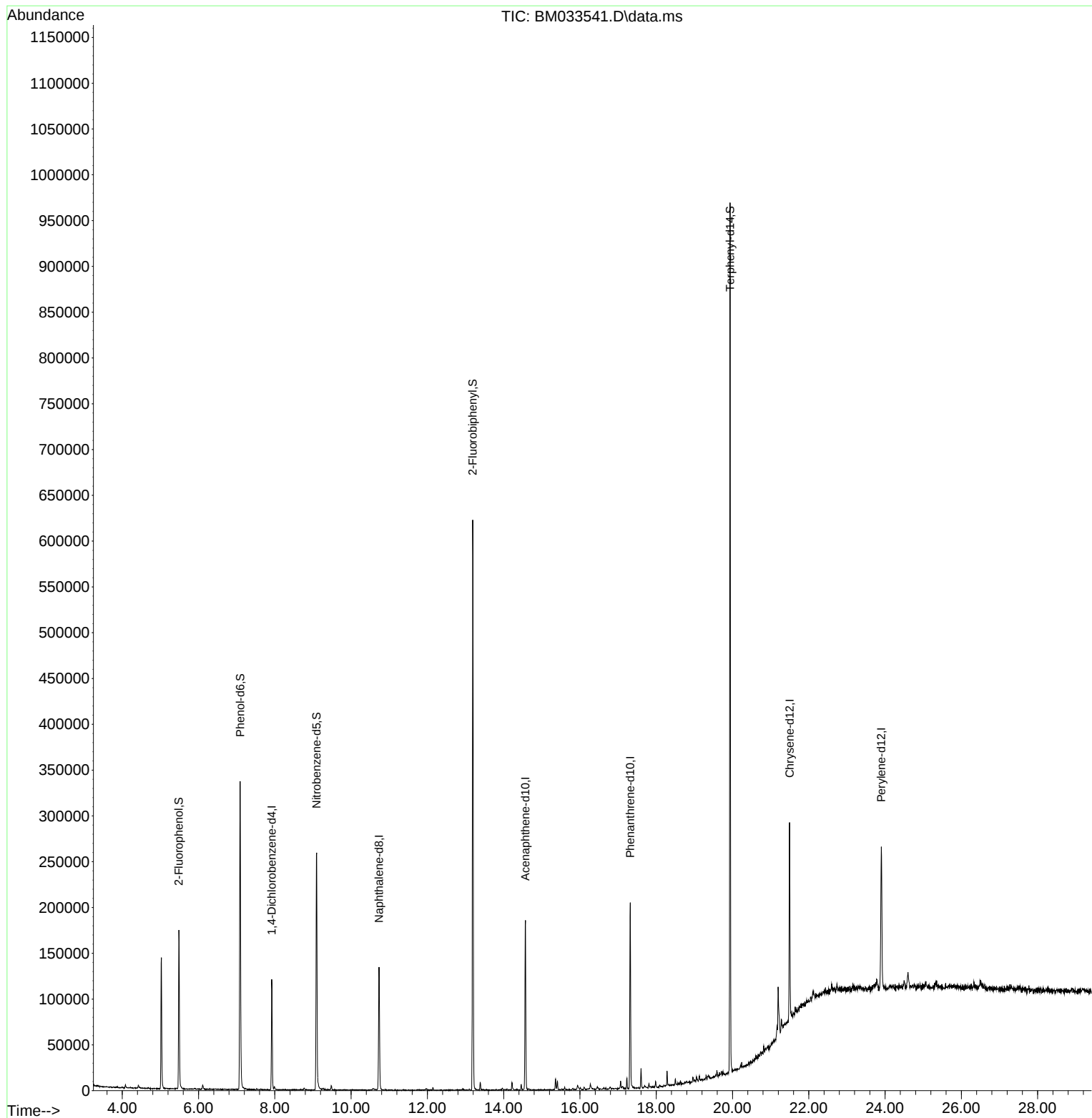
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	25614	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	97161	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	61645	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	115506	20.000	ng	# 0.00
76) Chrysene-d12	21.495	240	104788	20.000	ng	# 0.00
86) Perylene-d12	23.900	264	113347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	57075	38.450	ng	0.00
7) Phenol-d6	7.090	99	144831	72.704	ng	0.00
23) Nitrobenzene-d5	9.095	82	141715	62.627	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	13.189	172	280953	63.045	ng	0.00
79) Terphenyl-d14	19.936	244	370853	55.717	ng	0.00
Target Compounds						
9) Benzaldehyde	7.090	77	924	Below Cal	#	Qvalue 29

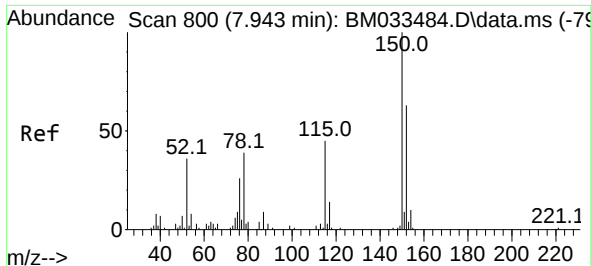
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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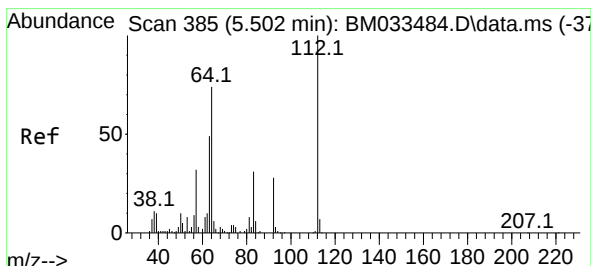
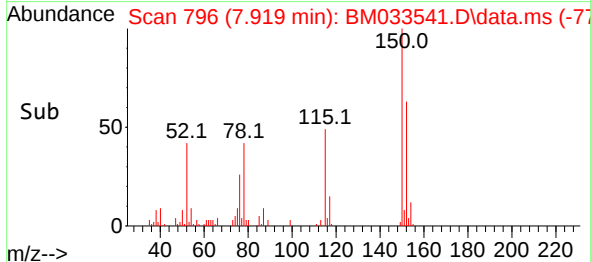
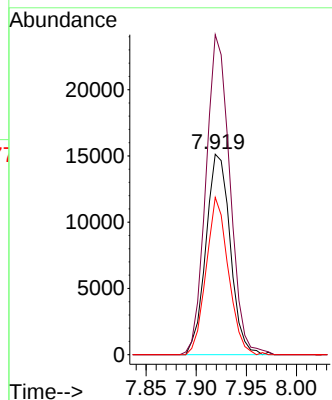
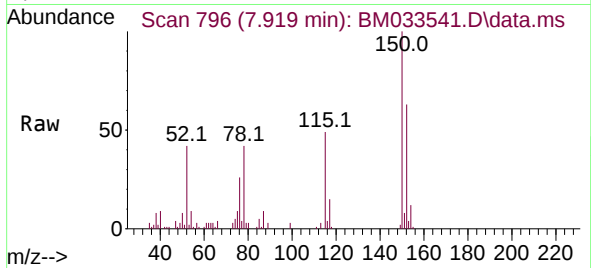




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.919 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM033541.D
Acq: 20 Dec 2021 15:45

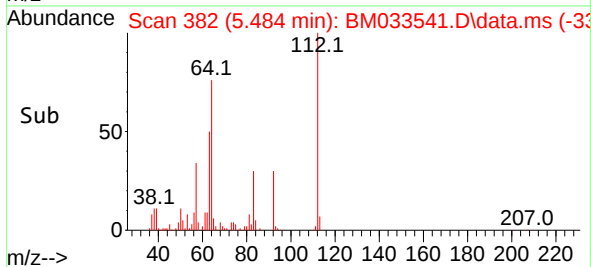
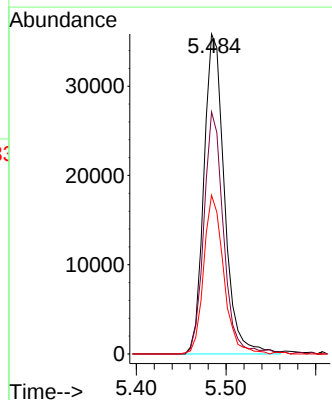
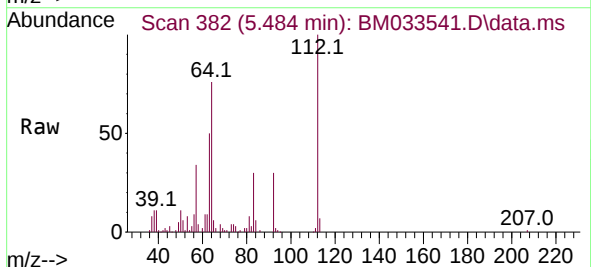
Instrument :
BNA_M
ClientSampleId :

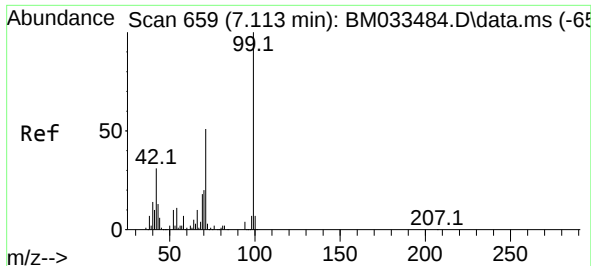
Tgt Ion:152 Resp: 25614
Ion Ratio Lower Upper
152 100
150 159.6 128.9 193.3
115 78.4 53.0 79.6



#5
2-Fluorophenol
Concen: 38.450 ng
RT: 5.484 min Scan# 382
Delta R.T. -0.000 min
Lab File: BM033541.D
Acq: 20 Dec 2021 15:45

Tgt Ion:112 Resp: 57075
Ion Ratio Lower Upper
112 100
64 75.7 55.5 83.3
63 49.6 31.3 46.9#

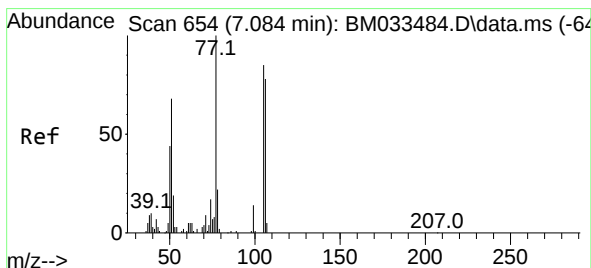
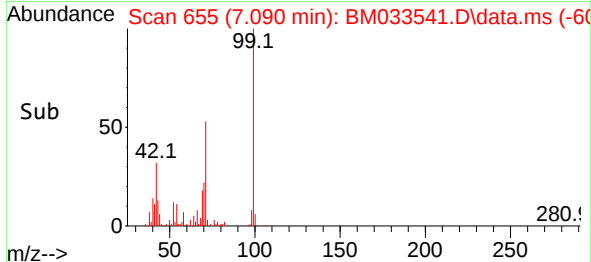
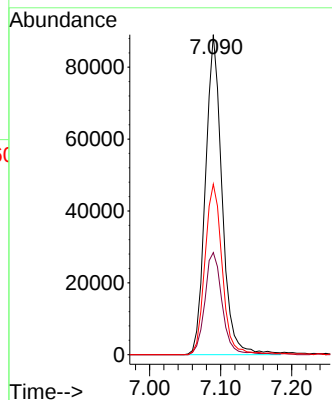
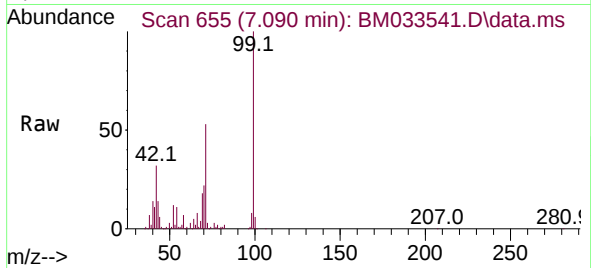




#7
Phenol-d6
Concen: 72.704 ng
RT: 7.090 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM033541.D
Acq: 20 Dec 2021 15:45

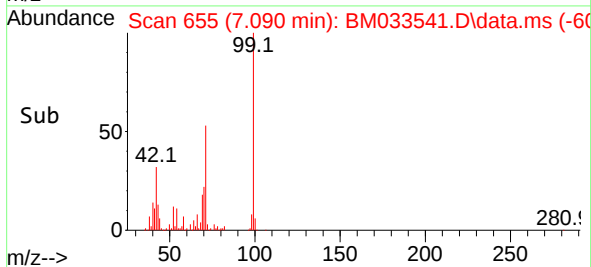
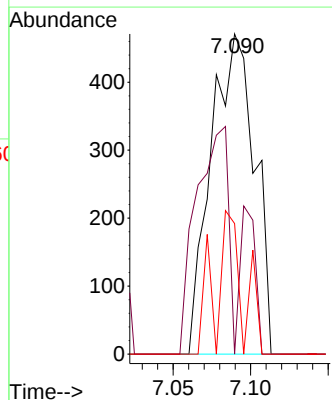
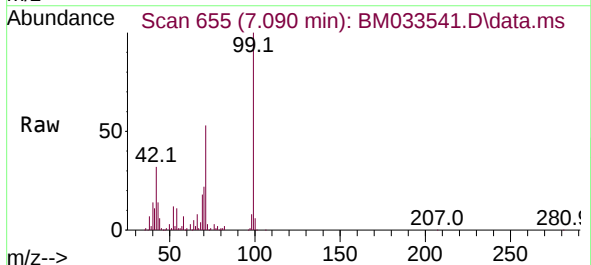
Instrument :
BNA_M
ClientSampleId :

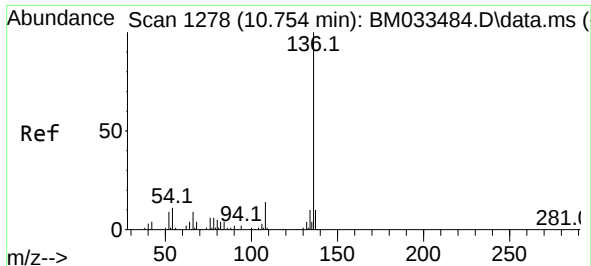
Tgt Ion: 99 Resp: 144831
Ion Ratio Lower Upper
99 100
42 31.9 20.3 30.5#
71 53.3 34.5 51.7#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.090 min Scan# 655
Delta R.T. 0.023 min
Lab File: BM033541.D
Acq: 20 Dec 2021 15:45

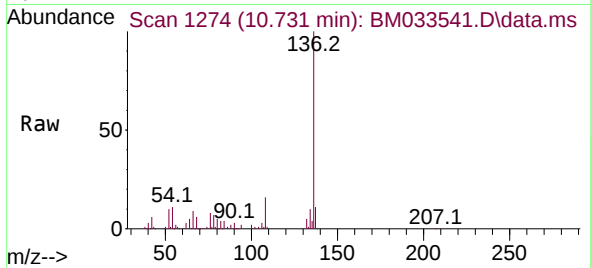
Tgt Ion: 77 Resp: 924
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 40.8 64.3 104.3#



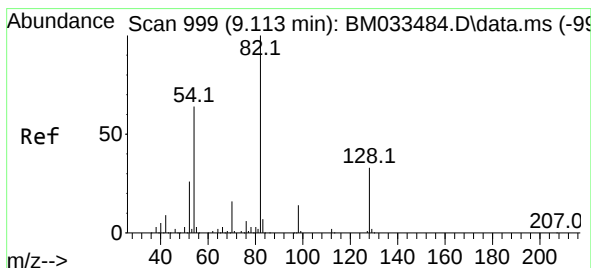
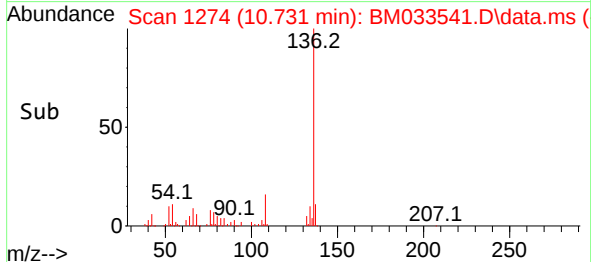
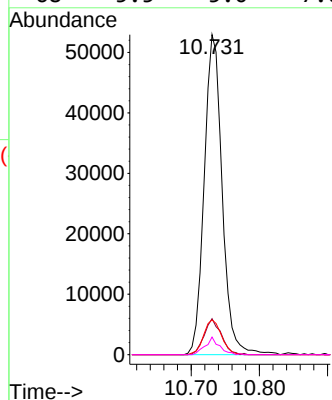


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM033541.D
Acq: 20 Dec 2021 15:45

Instrument :
BNA_M
ClientSampleId :

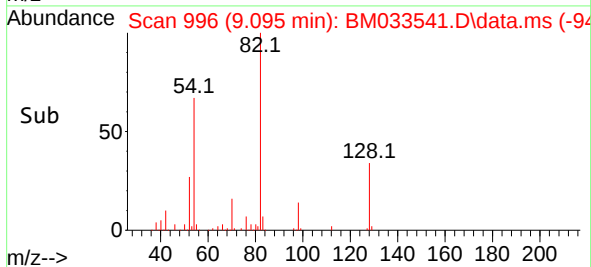
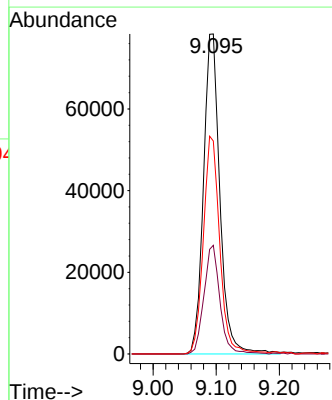
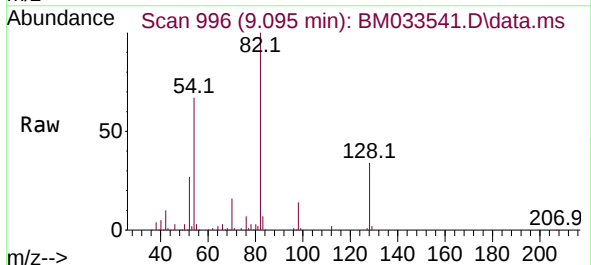


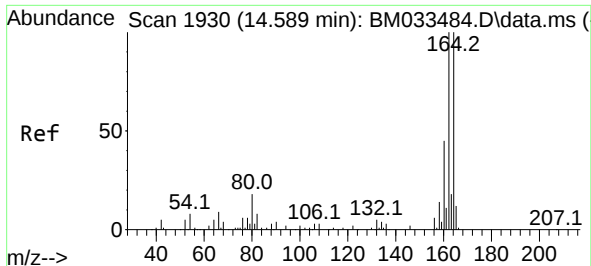
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	10.9	8.3	12.5
68	5.5	5.0	7.6



#23
Nitrobenzene-d5
Concen: 62.627 ng
RT: 9.095 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM033541.D
Acq: 20 Dec 2021 15:45

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.9	28.1	42.1
54	66.6	46.1	69.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.566 min Scan# 14

Delta R.T. -0.000 min

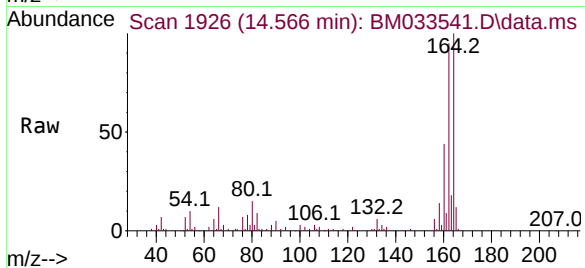
Lab File: BM033541.D

Acq: 20 Dec 2021 15:45

Instrument :

BNA_M

ClientSampleId :



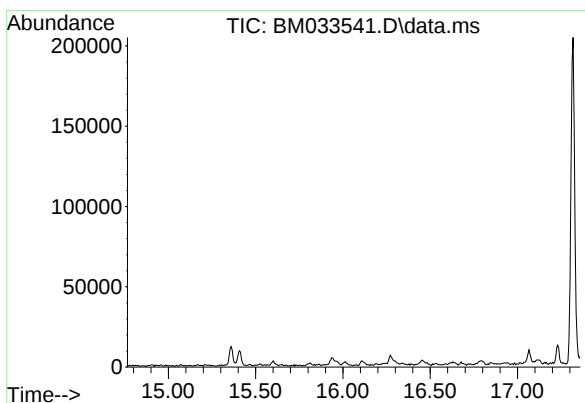
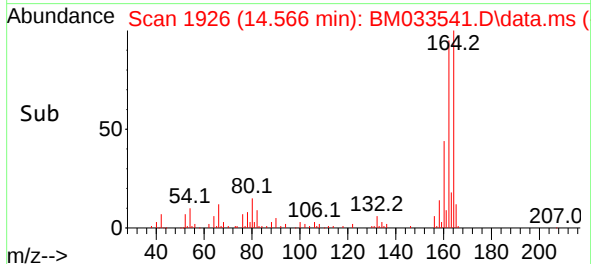
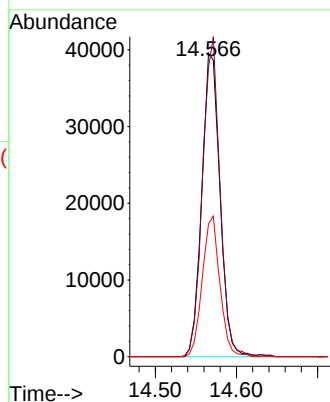
Tgt Ion:164 Resp: 61645

Ion Ratio Lower Upper

164 100

162 95.2 79.7 119.5

160 43.8 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.06 min

Lab File: BM033541.D

Acq: 20 Dec 2021 15:45

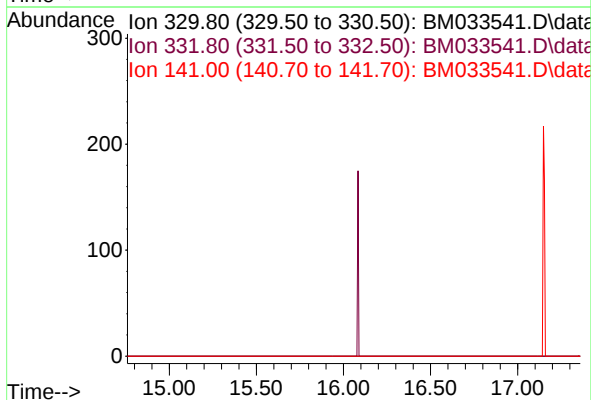
Tgt Ion: 330

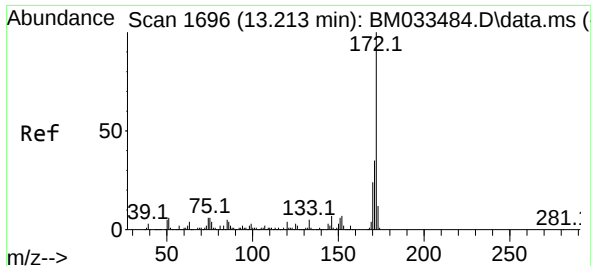
Sig Exp Ratio

330 100

332 95.6

141 44.9

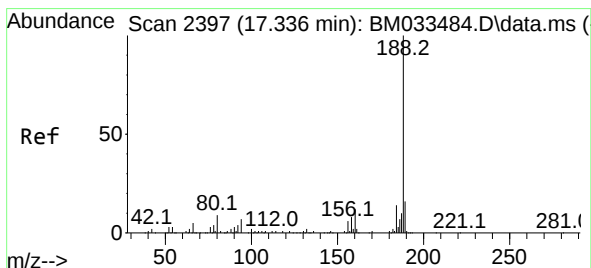
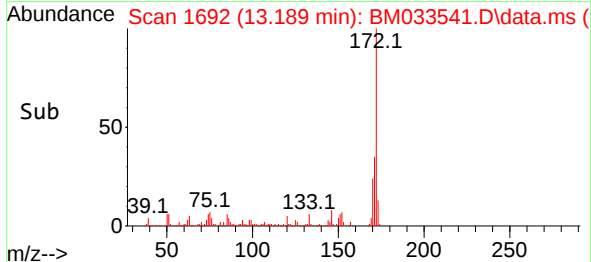
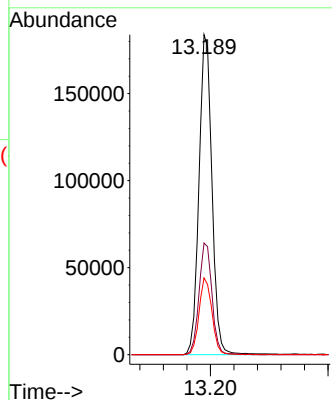
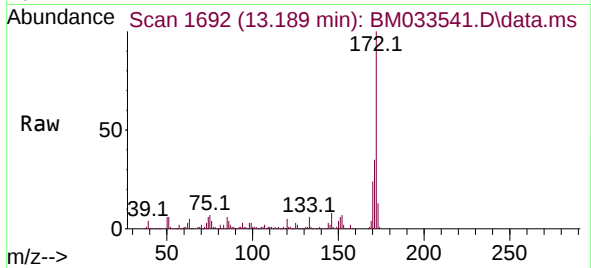




#45
2-Fluorobiphenyl
Concen: 63.045 ng
RT: 13.189 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033541.D
Acq: 20 Dec 2021 15:45

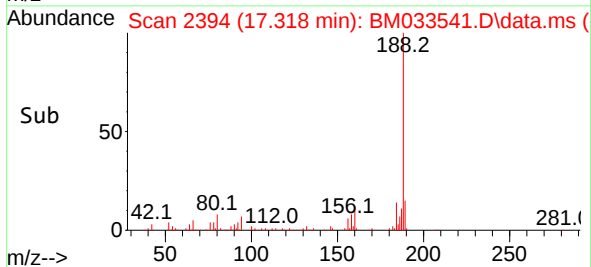
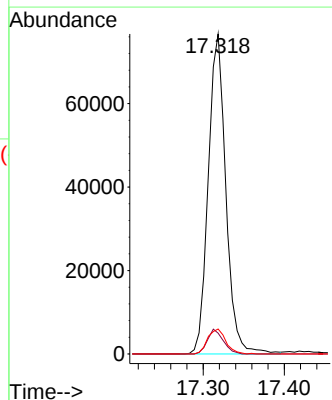
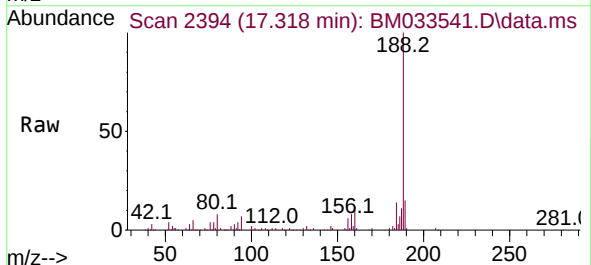
Instrument :
BNA_M
ClientSampleId :

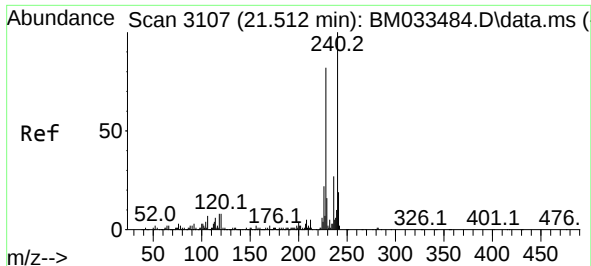
Tgt Ion:172 Resp: 280953
Ion Ratio Lower Upper
172 100
171 34.9 27.2 40.8
170 24.0 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BM033541.D
Acq: 20 Dec 2021 15:45

Tgt Ion:188 Resp: 115506
Ion Ratio Lower Upper
188 100
94 6.5 7.5 11.3#
80 7.8 8.9 13.3#

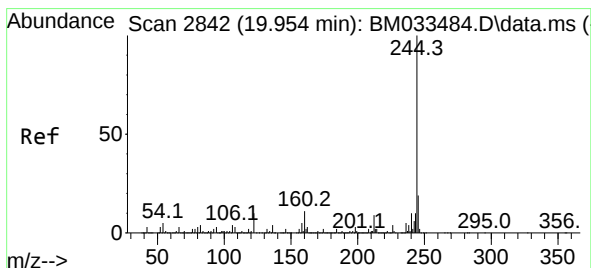
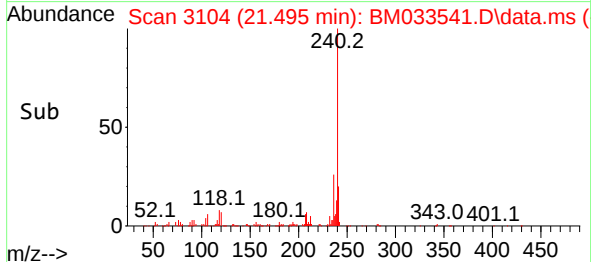
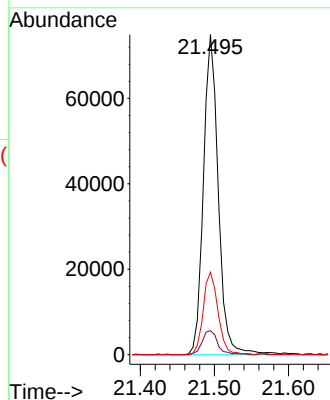
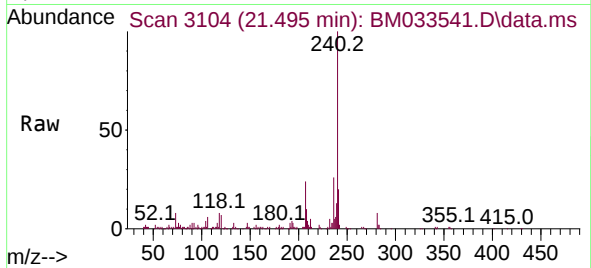




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BM033541.D
Acq: 20 Dec 2021 15:45

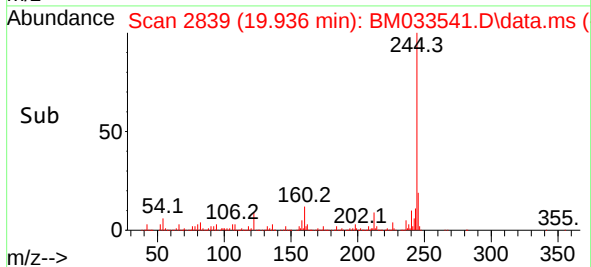
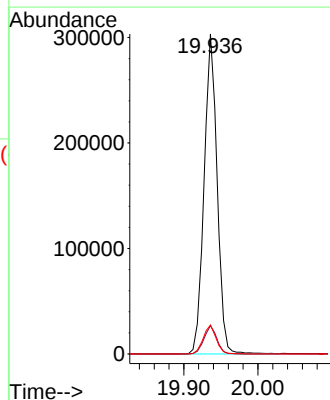
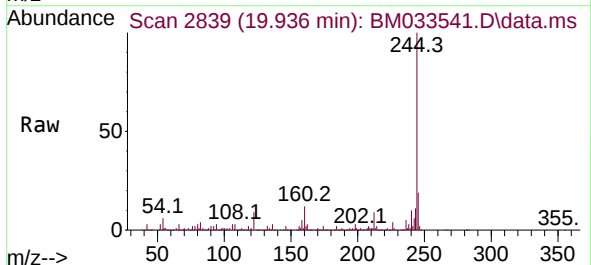
Instrument :
BNA_M
ClientSampleId :

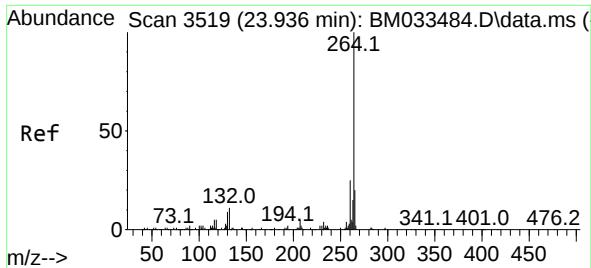
Tgt Ion:240 Resp: 104788
Ion Ratio Lower Upper
240 100
120 7.5 7.8 11.6#
236 25.8 20.3 30.5



#79
Terphenyl-d14
Concen: 55.717 ng
RT: 19.936 min Scan# 2839
Delta R.T. -0.000 min
Lab File: BM033541.D
Acq: 20 Dec 2021 15:45

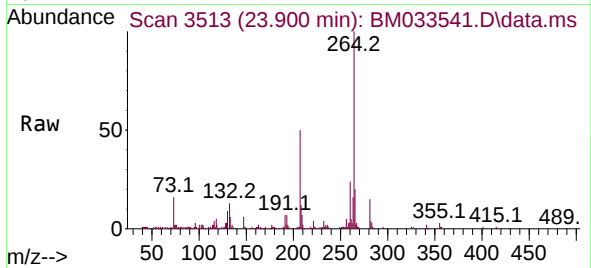
Tgt Ion:244 Resp: 370853
Ion Ratio Lower Upper
244 100
212 8.8 5.9 8.9
122 9.1 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.900 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM033541.D
 Acq: 20 Dec 2021 15:45

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:264 Resp: 113347

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.7	26.5
265	20.4	17.7	26.5

