

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122021\
 Data File : BM033538.D
 Acq On : 20 Dec 2021 13:56
 Operator : CG/JU
 Sample : M5097-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 21 03:59:00 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)

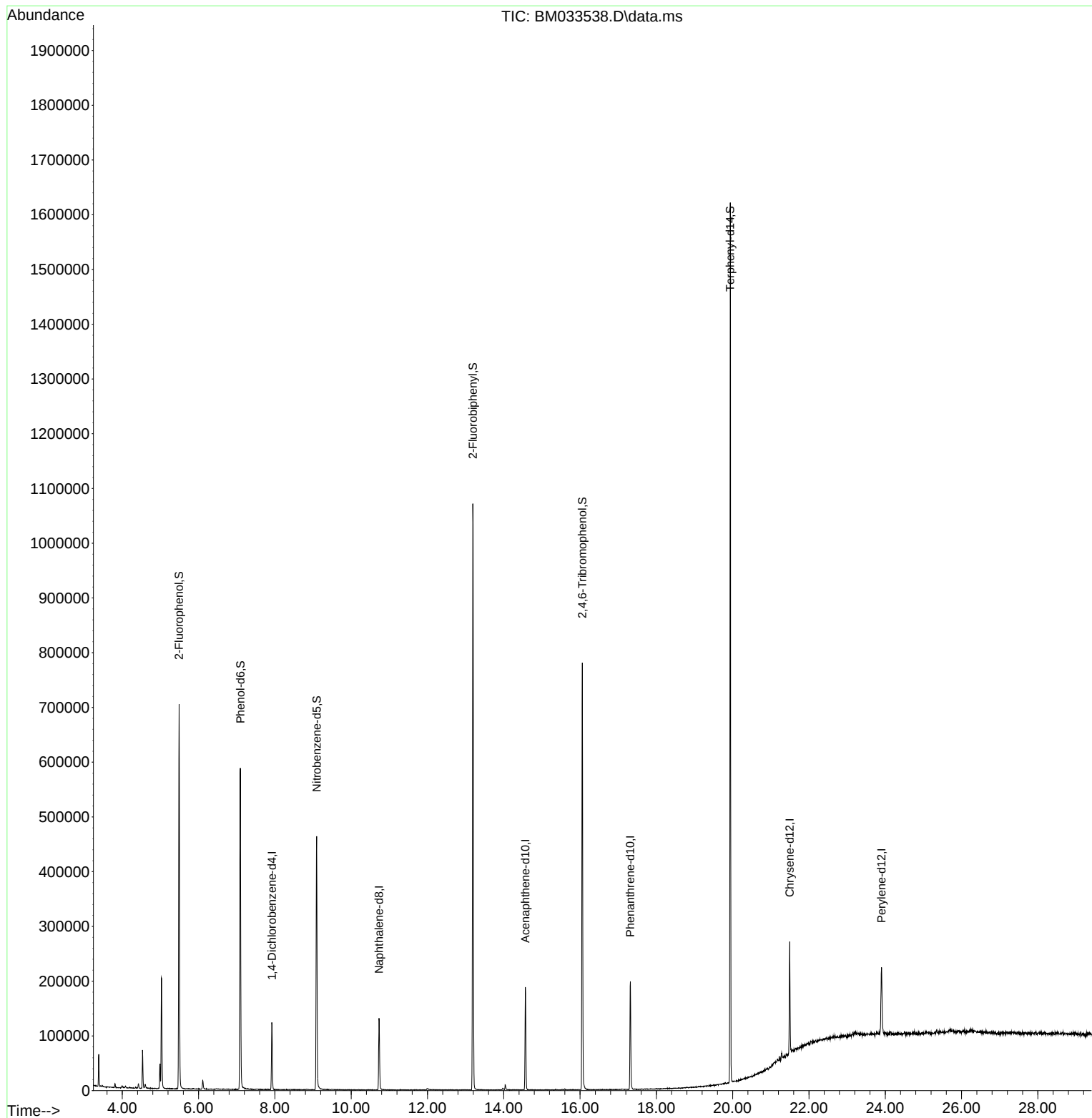
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	26649	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	100193	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	60811	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	119855	20.000	ng	# 0.00
76) Chrysene-d12	21.495	240	95420	20.000	ng	# 0.00
86) Perylene-d12	23.901	264	96782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	222965	144.371	ng	0.00
7) Phenol-d6	7.096	99	257763	124.369	ng	0.00
23) Nitrobenzene-d5	9.096	82	244615	104.830	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	102417	149.720	ng	0.00
45) 2-Fluorobiphenyl	13.189	172	476545	108.403	ng	0.00
79) Terphenyl-d14	19.936	244	620679	102.406	ng	0.00
Target Compounds						
9) Benzaldehyde	7.090	77	924	Below Cal	#	7

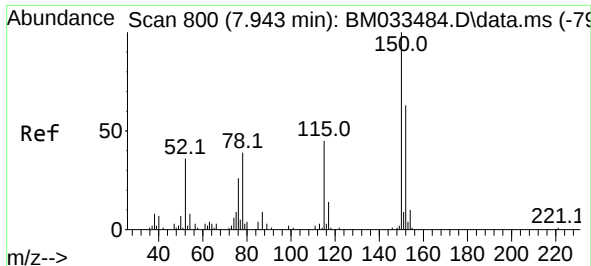
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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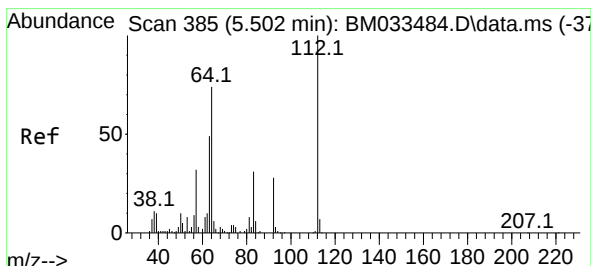
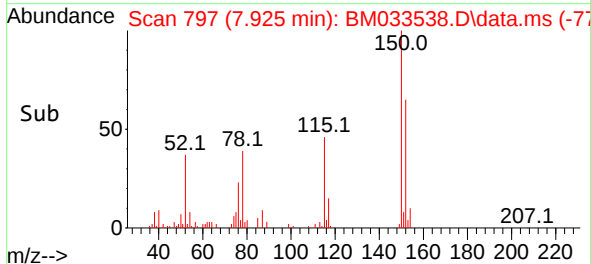
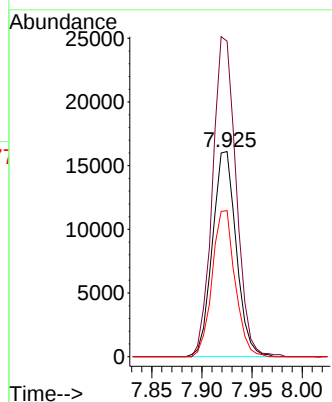
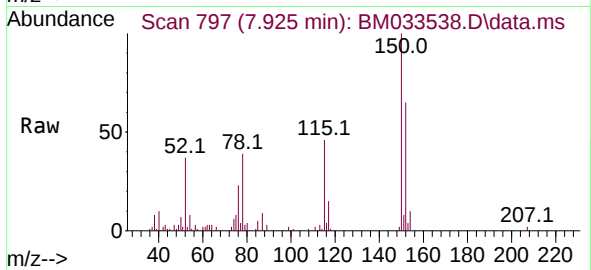




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 79
Delta R.T. 0.006 min
Lab File: BM033538.D
Acq: 20 Dec 2021 13:56

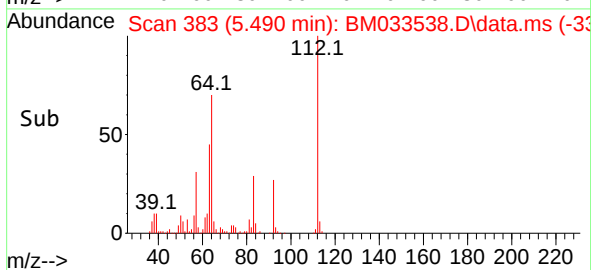
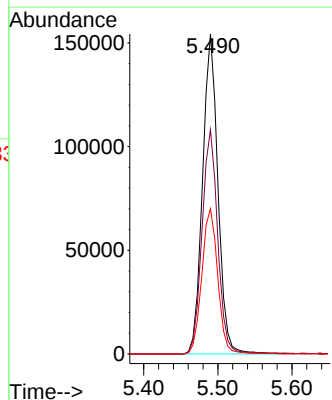
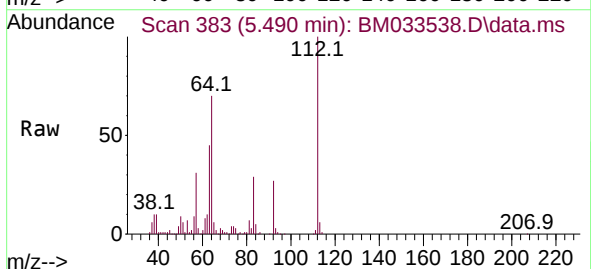
Instrument :
BNA_M
ClientSampleId :

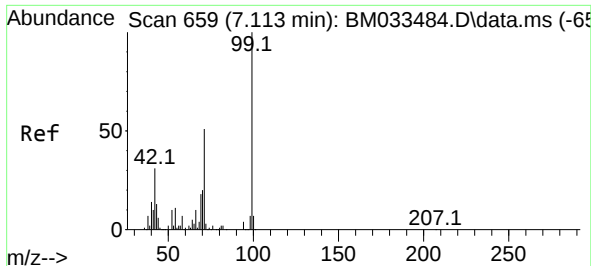
Tgt Ion:152 Resp: 26649
Ion Ratio Lower Upper
152 100
150 153.8 128.9 193.3
115 71.2 53.0 79.6



#5
2-Fluorophenol
Concen: 144.371 ng
RT: 5.490 min Scan# 383
Delta R.T. 0.006 min
Lab File: BM033538.D
Acq: 20 Dec 2021 13:56

Tgt Ion:112 Resp: 222965
Ion Ratio Lower Upper
112 100
64 70.1 55.5 83.3
63 45.4 31.3 46.9

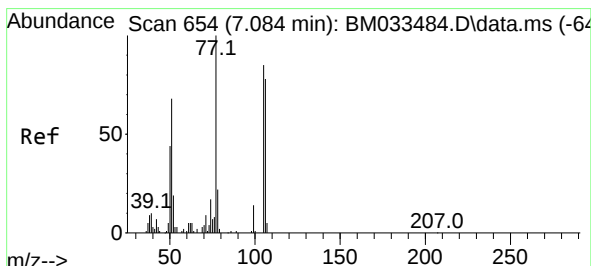
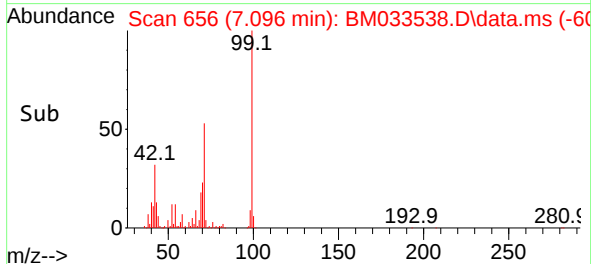
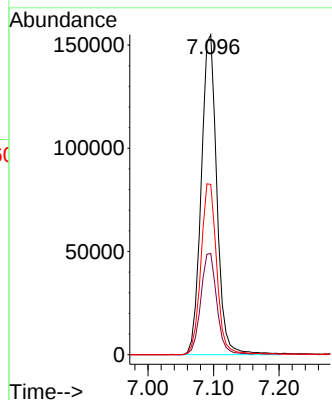
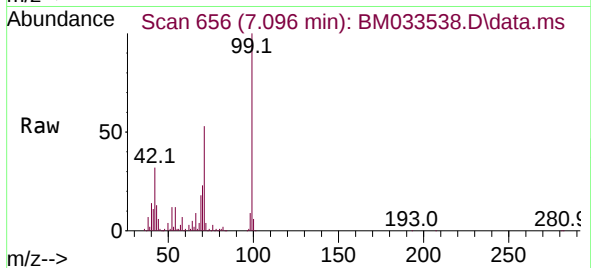




#7
Phenol-d6
Concen: 124.369 ng
RT: 7.096 min Scan# 656
Delta R.T. 0.006 min
Lab File: BM033538.D
Acq: 20 Dec 2021 13:56

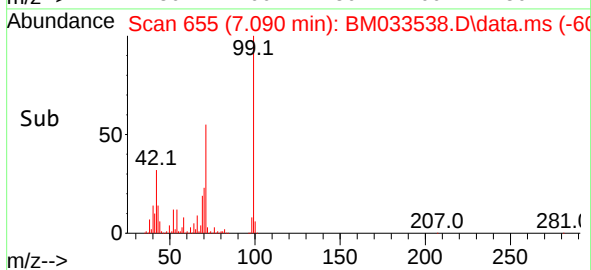
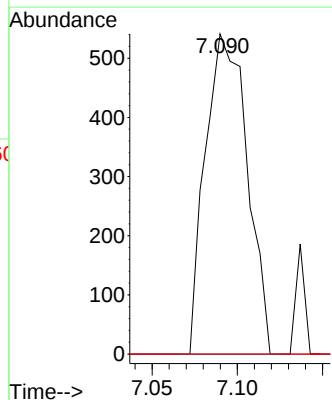
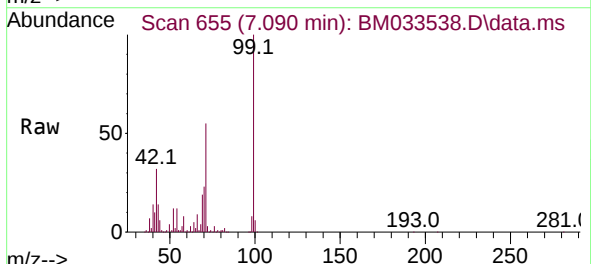
Instrument :
BNA_M
ClientSampleId :

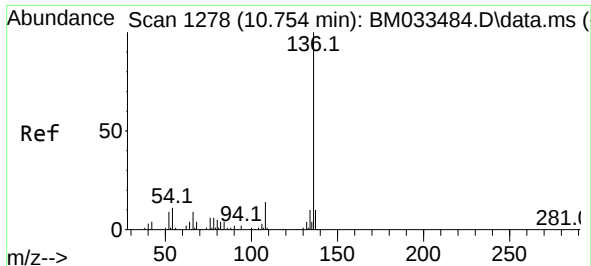
Tgt Ion: 99 Resp: 257763
Ion Ratio Lower Upper
99 100
42 31.7 20.3 30.5#
71 53.2 34.5 51.7#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.090 min Scan# 655
Delta R.T. 0.023 min
Lab File: BM033538.D
Acq: 20 Dec 2021 13:56

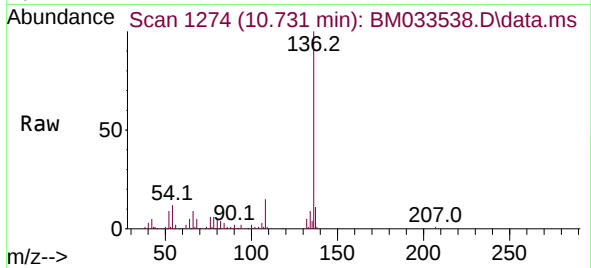
Tgt Ion: 77 Resp: 924
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#



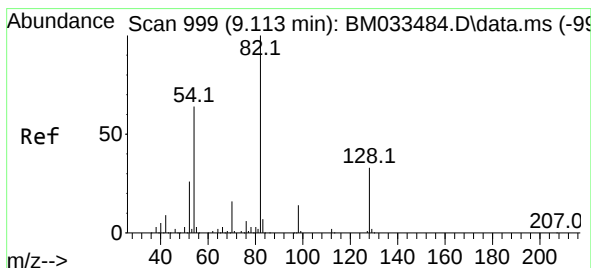
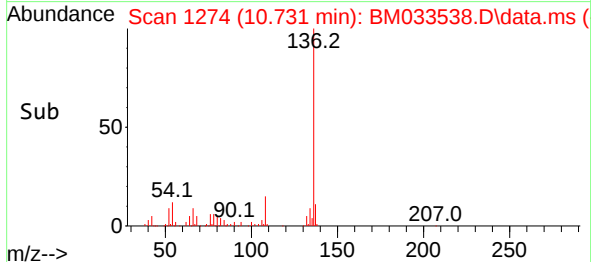
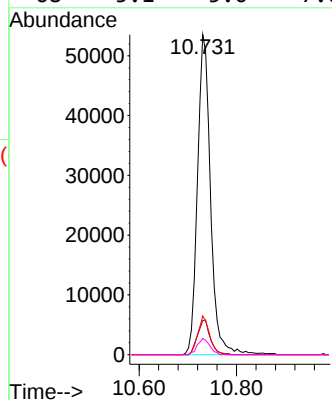


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM033538.D
Acq: 20 Dec 2021 13:56

Instrument :
BNA_M
ClientSampleId :

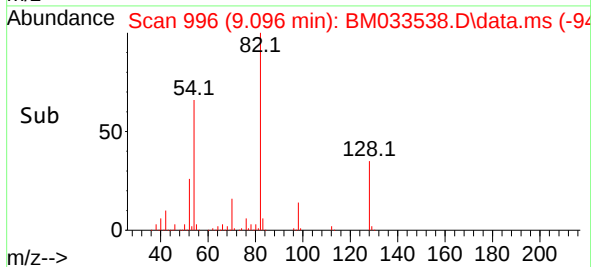
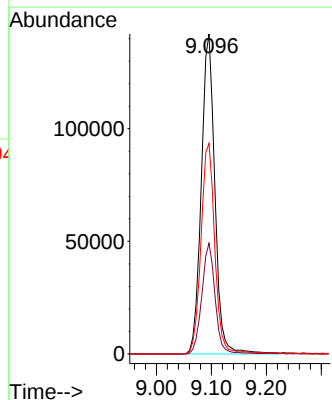
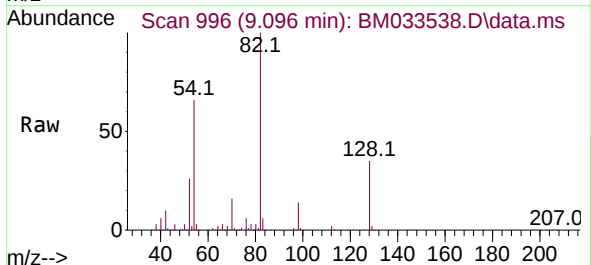


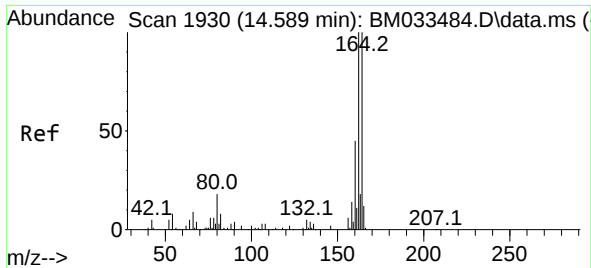
Tgt Ion:136 Resp: 100193
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 12.1 8.3 12.5
68 5.1 5.0 7.6



#23
Nitrobenzene-d5
Concen: 104.830 ng
RT: 9.096 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM033538.D
Acq: 20 Dec 2021 13:56

Tgt Ion: 82 Resp: 244615
Ion Ratio Lower Upper
82 100
128 34.6 28.1 42.1
54 65.8 46.1 69.1

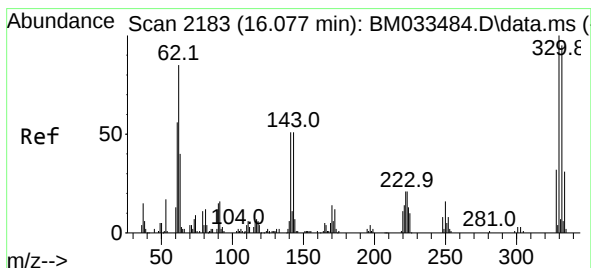
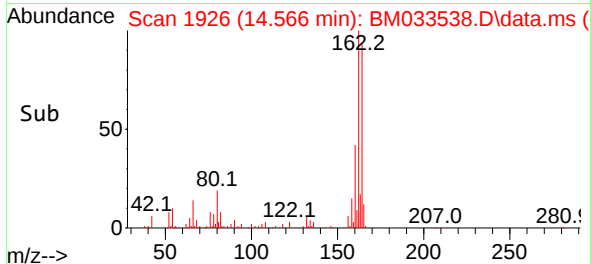
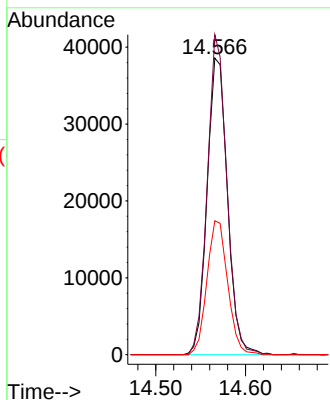
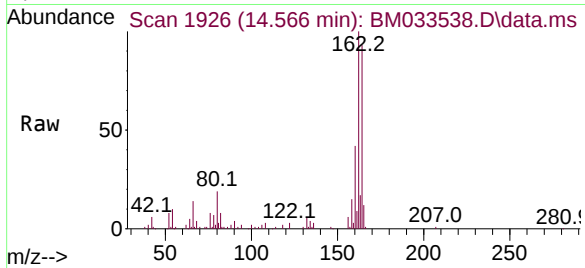




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.566 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BM033538.D
Acq: 20 Dec 2021 13:56

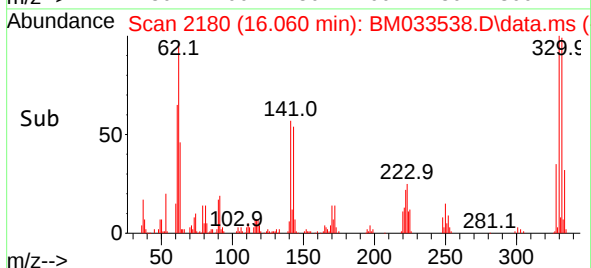
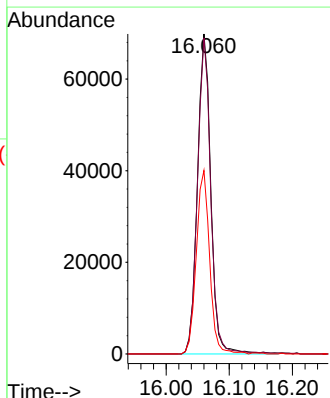
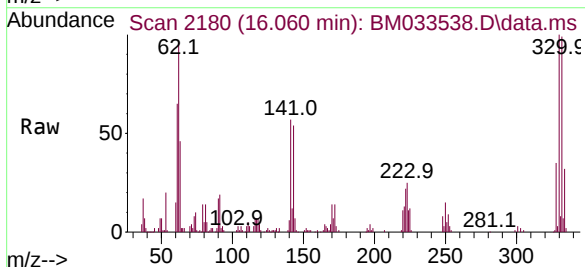
Instrument :
BNA_M
ClientSampleId :

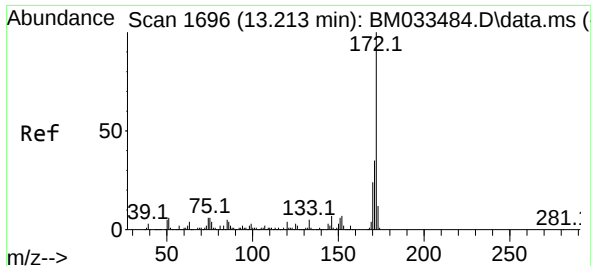
Tgt Ion:164 Resp: 60811
Ion Ratio Lower Upper
164 100
162 107.9 79.7 119.5
160 45.2 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 149.720 ng
RT: 16.060 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BM033538.D
Acq: 20 Dec 2021 13:56

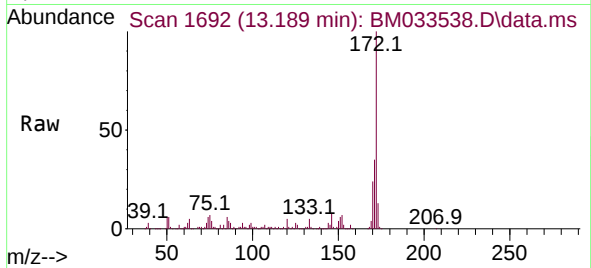
Tgt Ion:330 Resp: 102417
Ion Ratio Lower Upper
330 100
332 98.5 76.5 114.7
141 57.2 35.9 53.9#



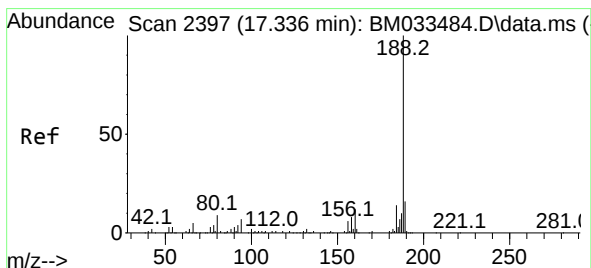
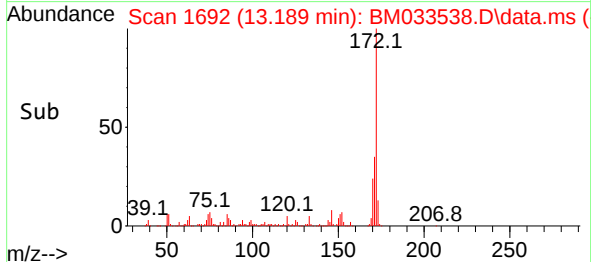
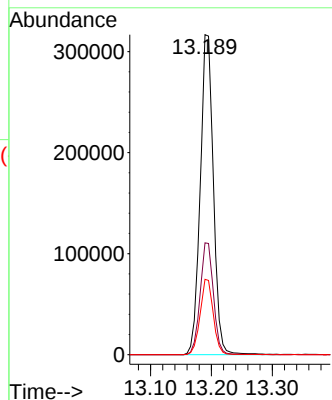


#45
2-Fluorobiphenyl
Concen: 108.403 ng
RT: 13.189 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033538.D
Acq: 20 Dec 2021 13:56

Instrument :
BNA_M
ClientSampleId :

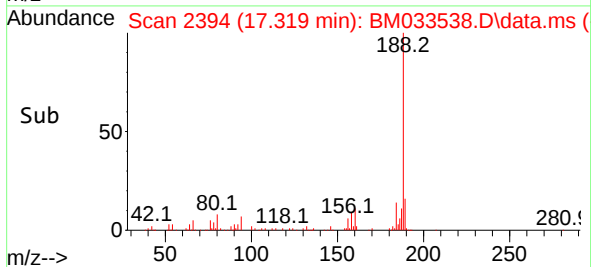
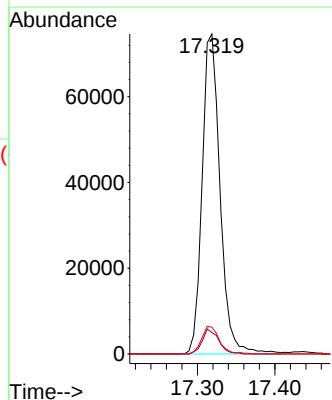
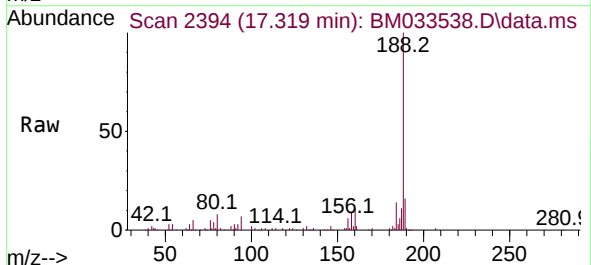


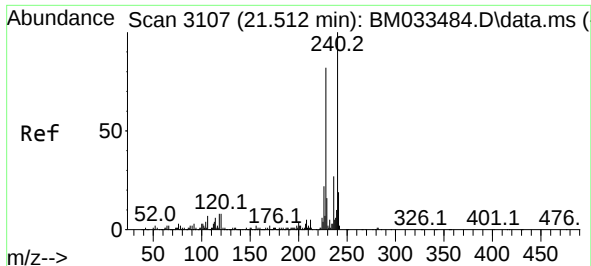
Tgt Ion:172 Resp: 476545
Ion Ratio Lower Upper
172 100
171 35.0 27.2 40.8
170 23.5 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.319 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BM033538.D
Acq: 20 Dec 2021 13:56

Tgt Ion:188 Resp: 119855
Ion Ratio Lower Upper
188 100
94 6.7 7.5 11.3#
80 8.4 8.9 13.3#

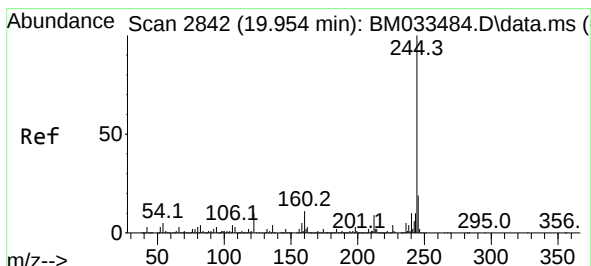
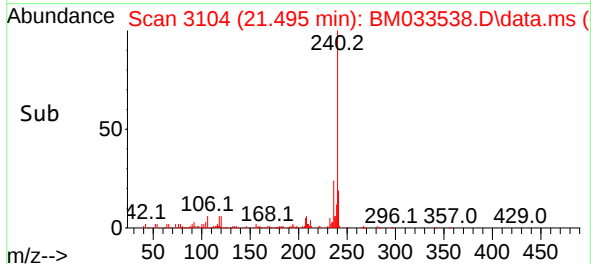
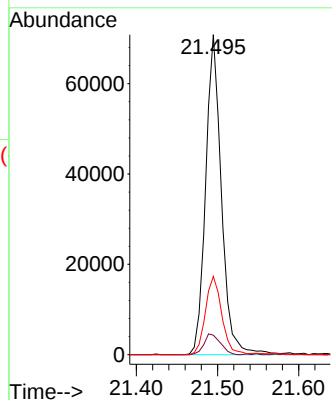
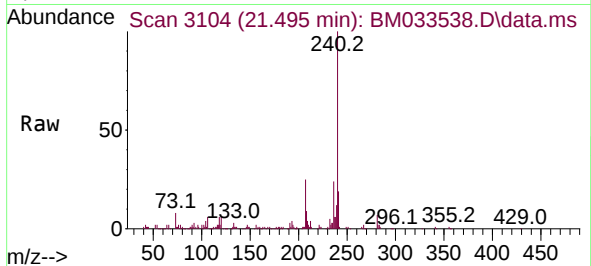




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BM033538.D
Acq: 20 Dec 2021 13:56

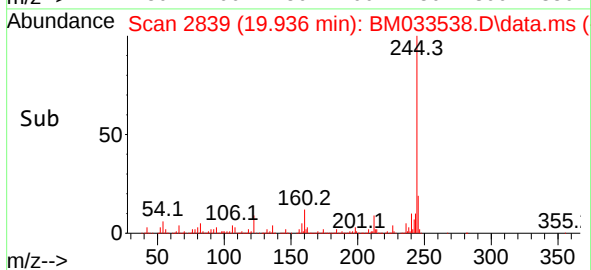
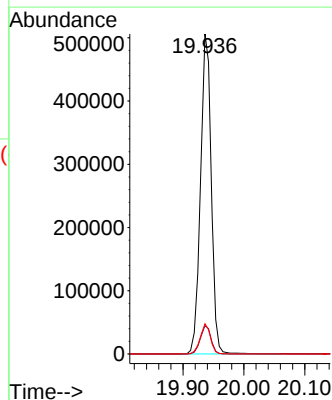
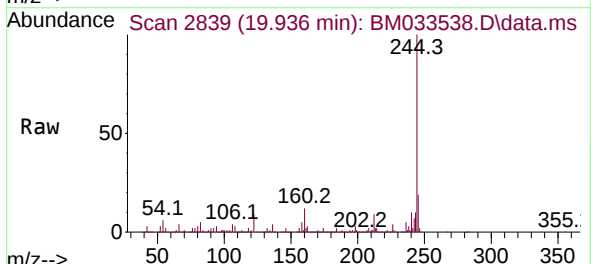
Instrument :
BNA_M
ClientSampleId :

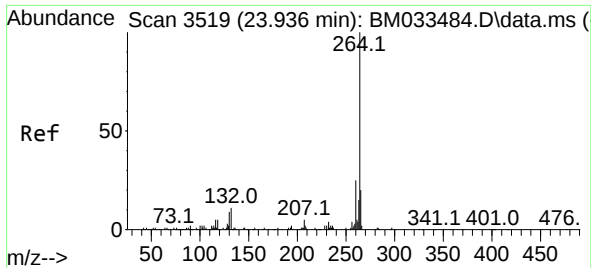
Tgt Ion:240 Resp: 95420
Ion Ratio Lower Upper
240 100
120 6.1 7.8 11.6#
236 24.5 20.3 30.5



#79
Terphenyl-d14
Concen: 102.406 ng
RT: 19.936 min Scan# 2839
Delta R.T. -0.000 min
Lab File: BM033538.D
Acq: 20 Dec 2021 13:56

Tgt Ion:244 Resp: 620679
Ion Ratio Lower Upper
244 100
212 8.9 5.9 8.9
122 9.5 8.4 12.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.901 min Scan# 3

Delta R.T. -0.000 min

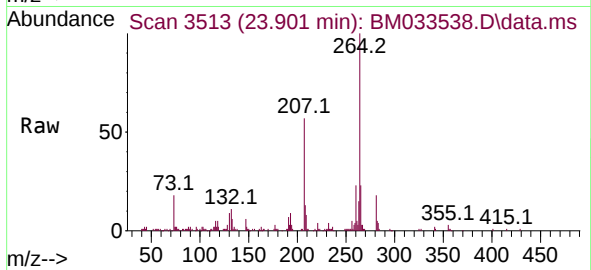
Lab File: BM033538.D

Acq: 20 Dec 2021 13:56

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:264 Resp: 96782

Ion Ratio Lower Upper

264 100

260 22.9 17.7 26.5

265 22.8 17.7 26.5

