

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 :
 SB-08-CRE

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

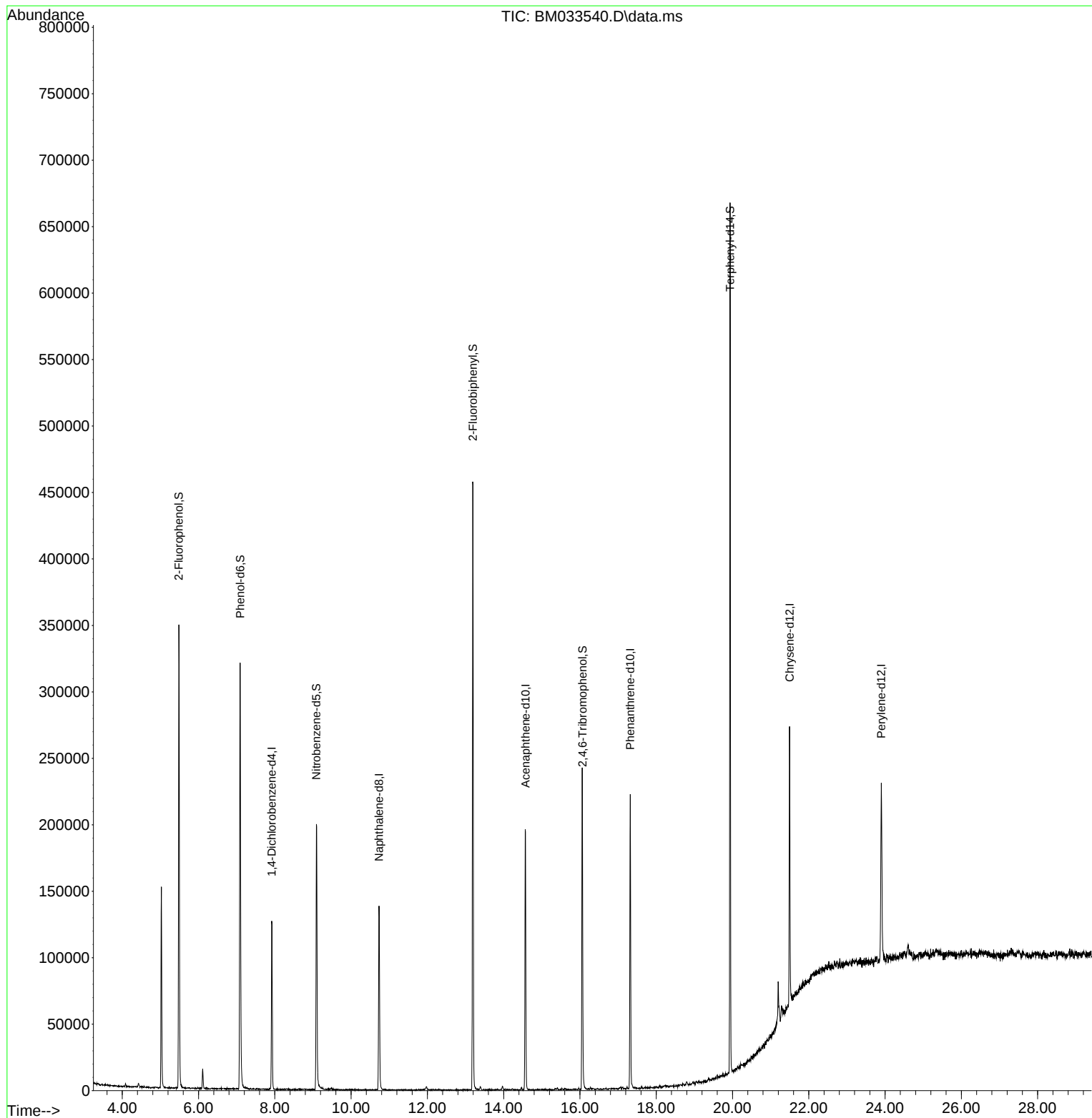
Target Compounds	Qvalue

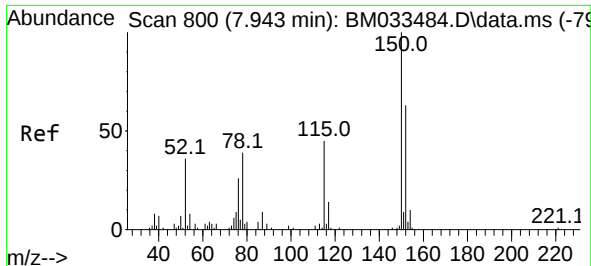
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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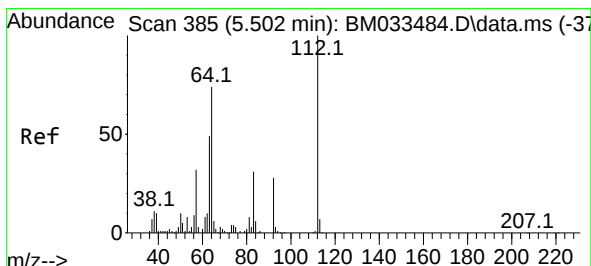
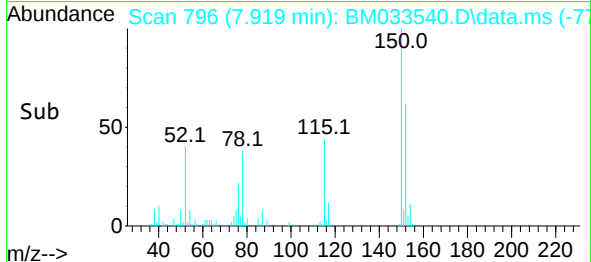
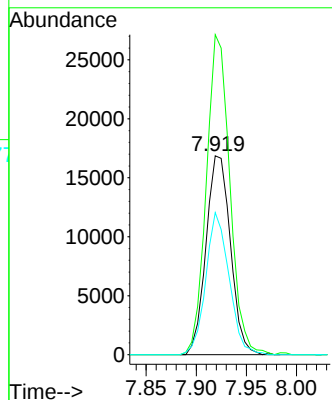
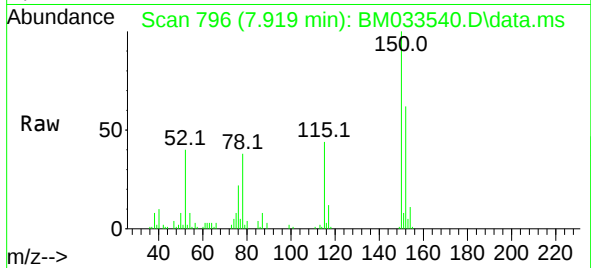




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.919 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM033540.D
Acq: 20 Dec 2021 15:09

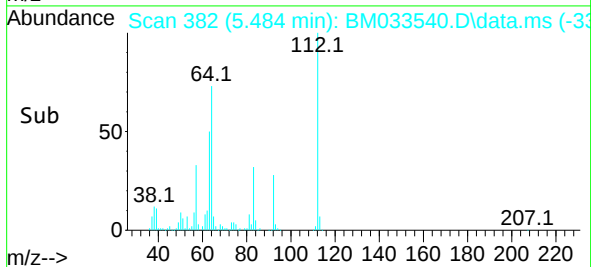
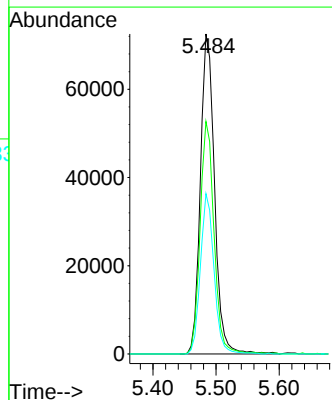
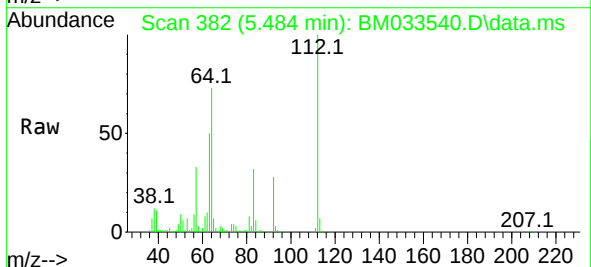
Instrument :
BNA_M
ClientSampleId :
SB-08-CRE

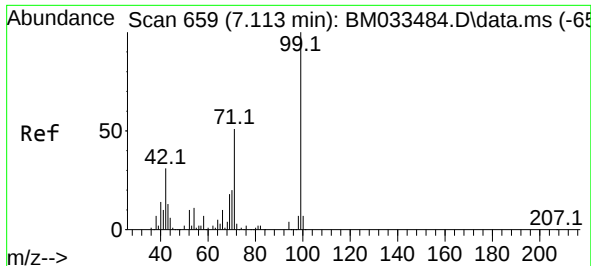
Tgt Ion:152 Resp: 28622
Ion Ratio Lower Upper
152 100
150 160.8 128.9 193.3
115 71.4 53.0 79.6



#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#

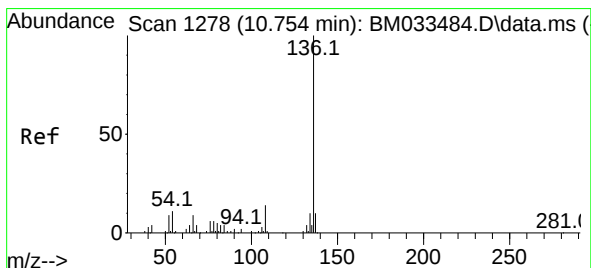
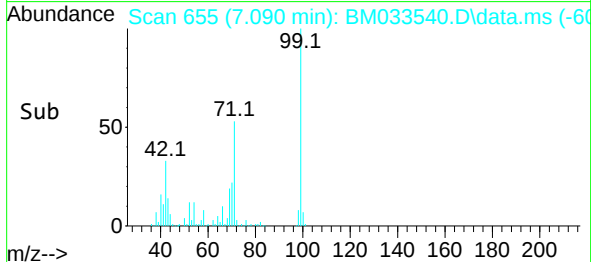
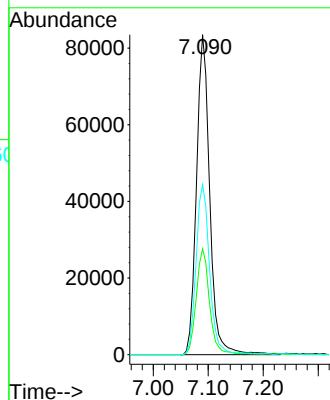
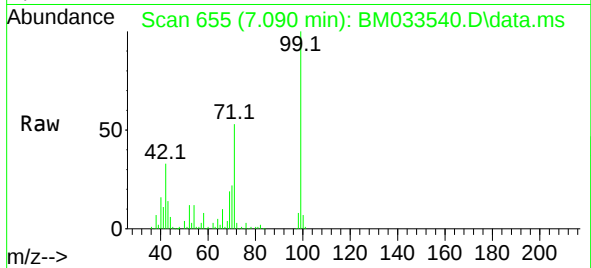




#7
Phenol-d6
Concen: 62.869 ng
RT: 7.090 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM033540.D
Acq: 20 Dec 2021 15:09

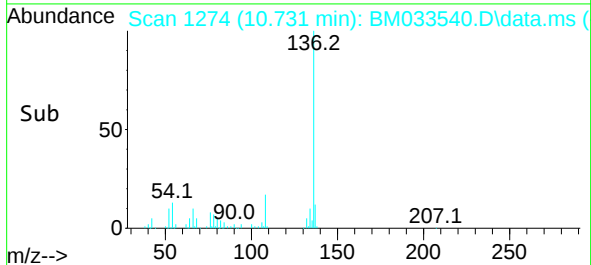
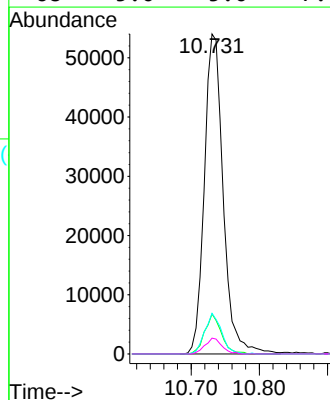
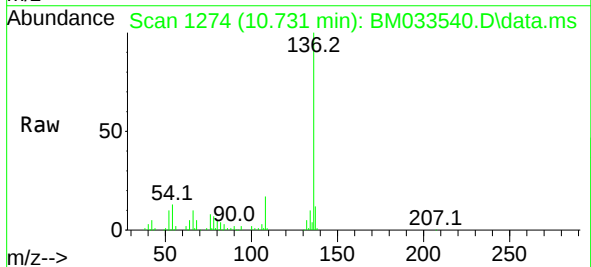
Instrument :
BNA_M
ClientSampleId :
SB-08-CRE

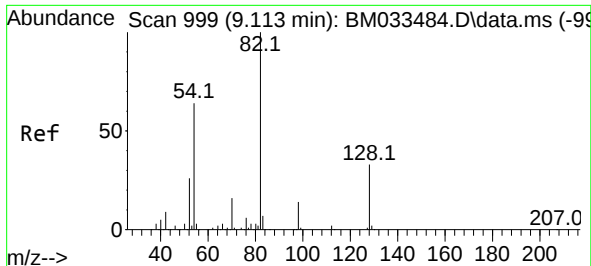
Tgt Ion: 99 Resp: 139947
Ion Ratio Lower Upper
99 100
42 33.1 20.3 30.5#
71 53.2 34.5 51.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BM033540.D
Acq: 20 Dec 2021 15:09

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#

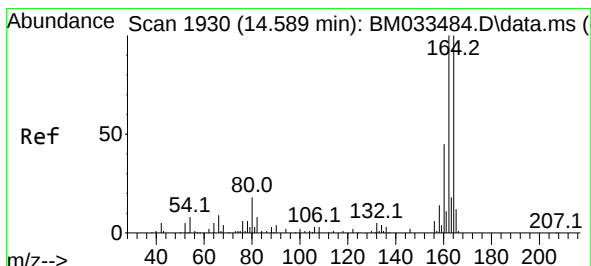
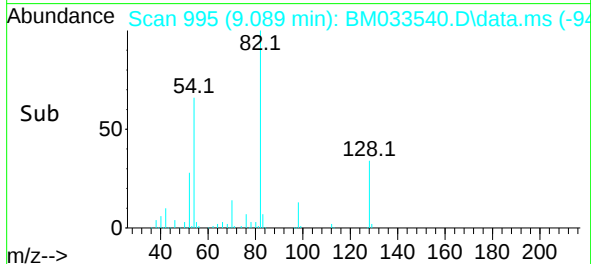
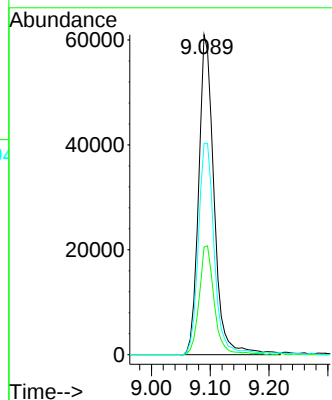
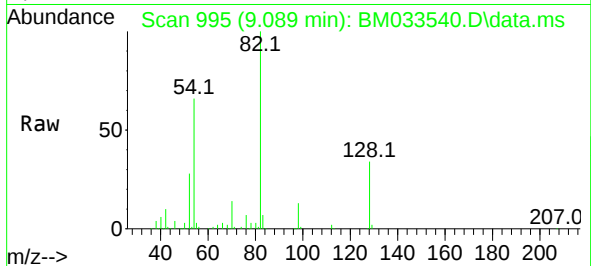




#23
Nitrobenzene-d5
Concen: 45.911 ng
RT: 9.089 min Scan# 911
Delta R.T. -0.006 min
Lab File: BM033540.D
Acq: 20 Dec 2021 15:09

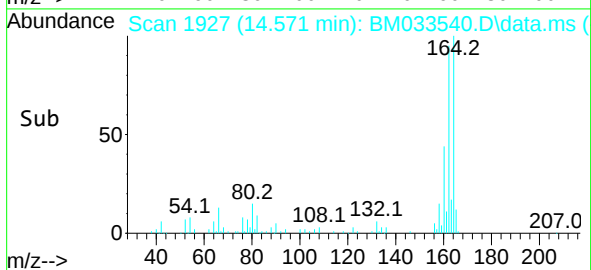
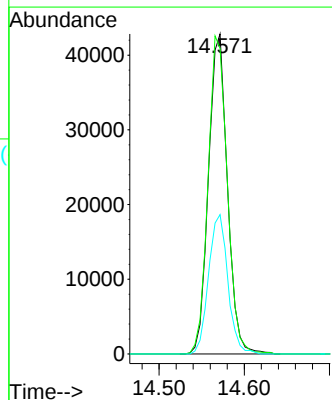
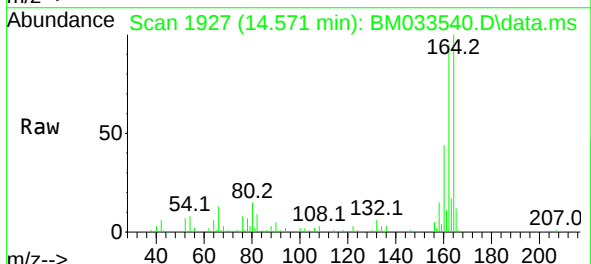
Instrument :
BNA_M
ClientSampleId :
SB-08-CRE

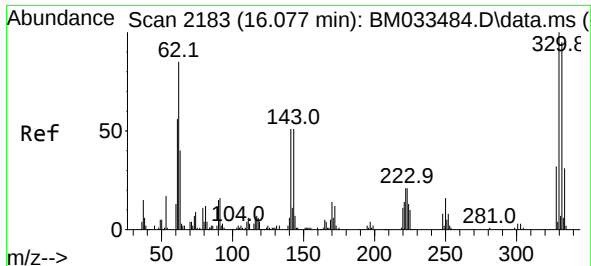
Tgt Ion: 82 Resp: 111067
Ion Ratio Lower Upper
82 100
128 33.7 28.1 42.1
54 66.1 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.571 min Scan# 1927
Delta R.T. 0.006 min
Lab File: BM033540.D
Acq: 20 Dec 2021 15:09

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

Instrument :

BNA_M

ClientSampleId :

SB-08-CRE

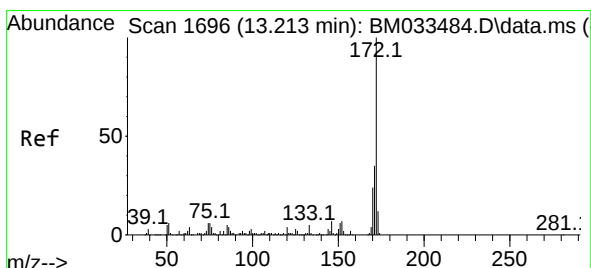
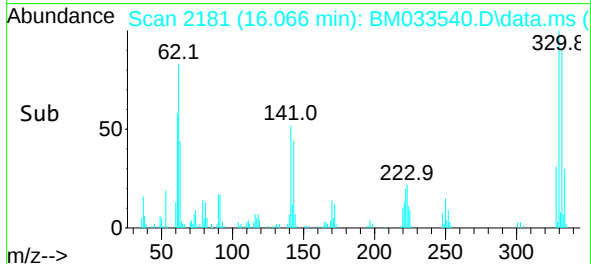
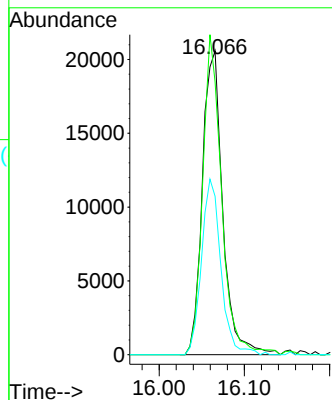
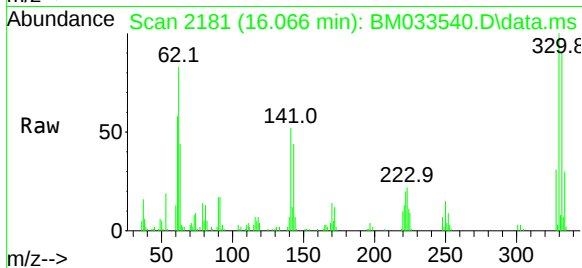
Tgt Ion:330 Resp: 34187

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# 1693

Delta R.T. -0.000 min

Lab File: BM033540.D

Acq: 20 Dec 2021 15:09

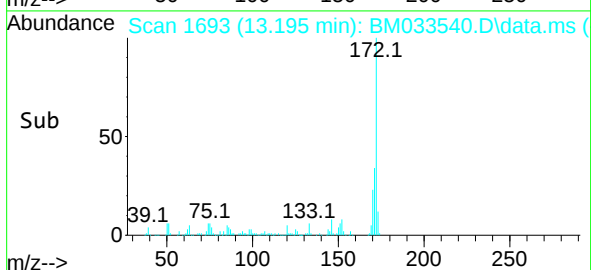
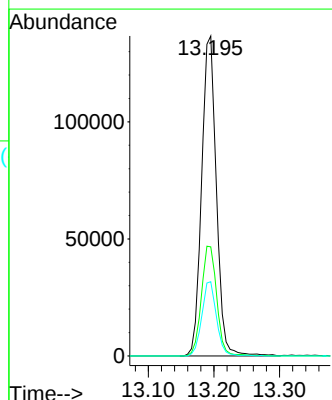
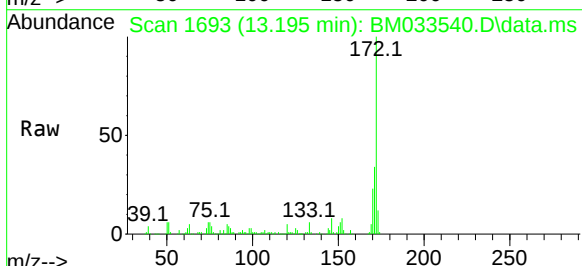
Tgt Ion:172 Resp: 214232

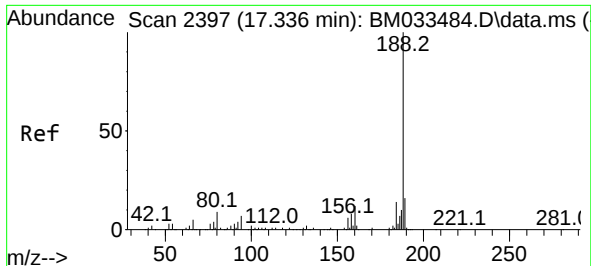
Ion Ratio Lower Upper

172 100

171 34.1 27.2 40.8

170 23.2 18.7 28.1

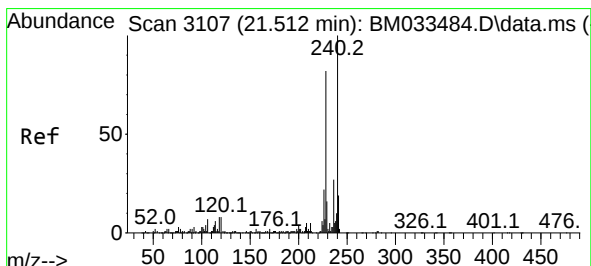
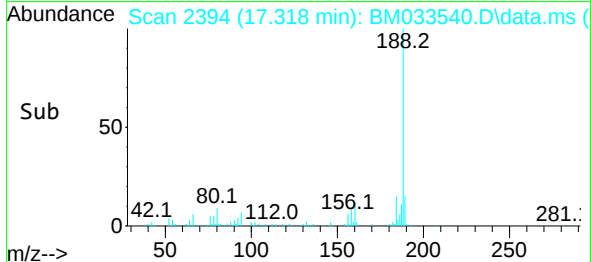
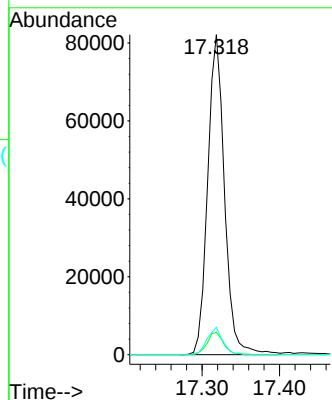
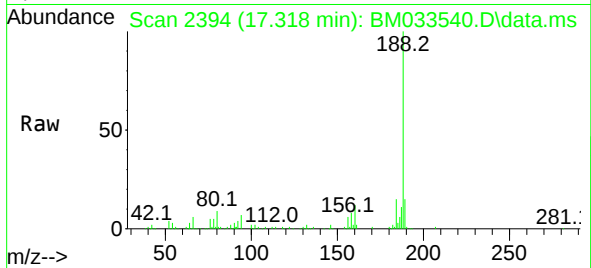




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM033540.D
Acq: 20 Dec 2021 15:09

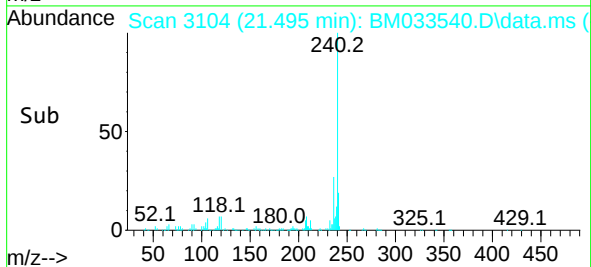
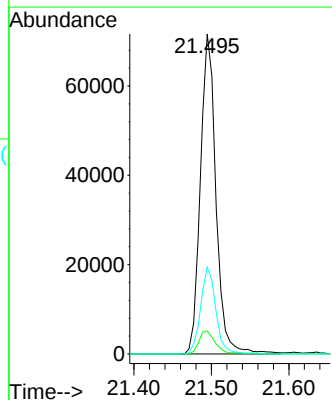
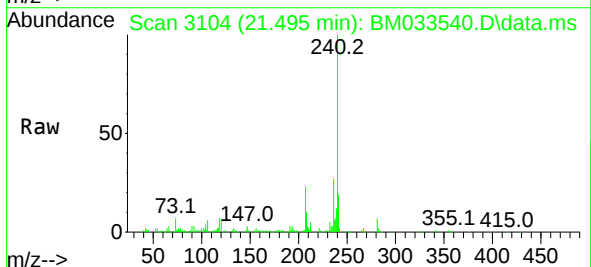
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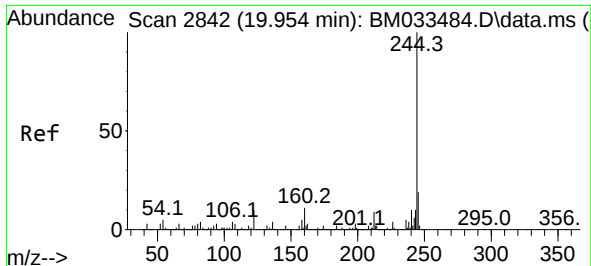
Tgt Ion:188 Resp: 123687
Ion Ratio Lower Upper
188 100
94 7.0 7.5 11.3#
80 8.6 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BM033540.D
Acq: 20 Dec 2021 15:09

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

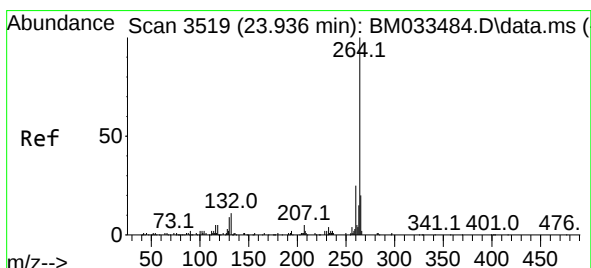
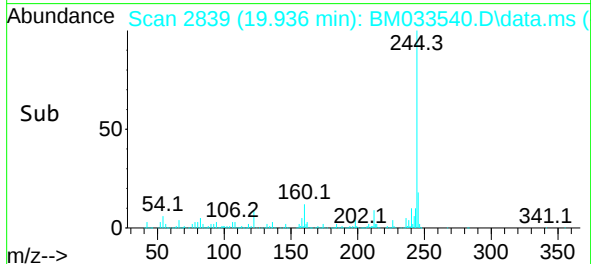
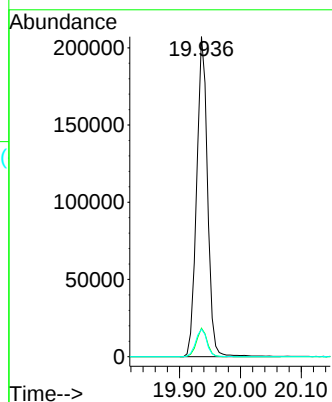
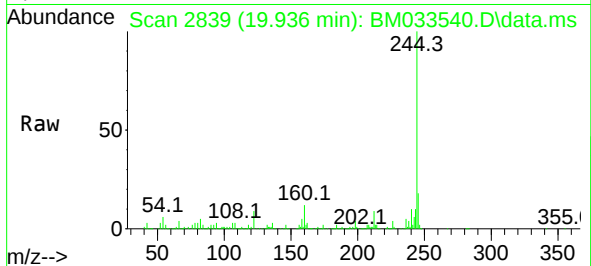




#79
 Terphenyl-d14
 Concen: 40.560 ng
 RT: 19.936 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM033540.D
 Acq: 20 Dec 2021 15:09

Instrument :
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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# 3513
 Delta R.T. -0.000 min
 Lab File: BM033540.D
 Acq: 20 Dec 2021 15:09

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

