

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012323\
 Data File : BM038517.D
 Acq On : 23 Jan 2023 20:17
 Operator : CG/JU
 Sample : PB150200BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150200BL

Quant Time: Jan 24 05:17:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 01:21:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	57982	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	188794	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	112288	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	221148	20.000	ng	# 0.00
76) Chrysene-d12	21.515	240	191077	20.000	ng	# 0.00
86) Perylene-d12	23.927	264	219826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	494410	140.962	ng	0.00
7) Phenol-d6	7.134	99	585184	130.766	ng	0.00
23) Nitrobenzene-d5	9.140	82	354180	81.466	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	190585	117.865	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	733948	80.515	ng	0.00
79) Terphenyl-d14	19.956	244	907807	92.621	ng	0.00

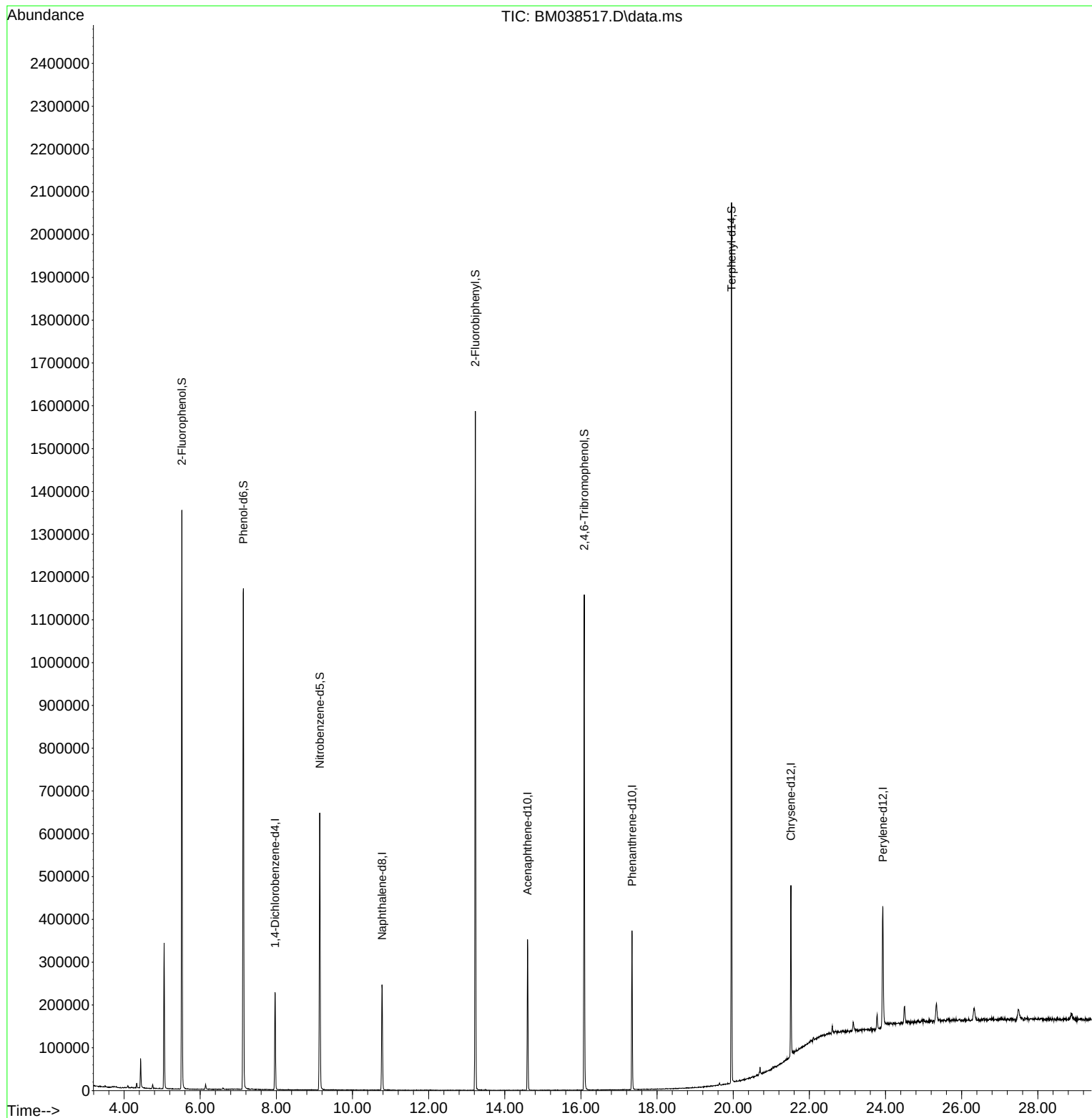
Target Compounds	Qvalue

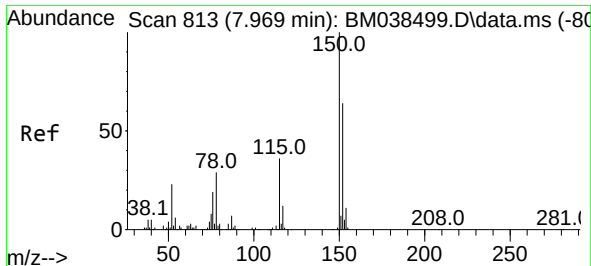
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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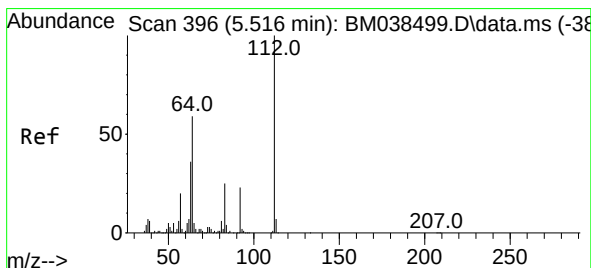
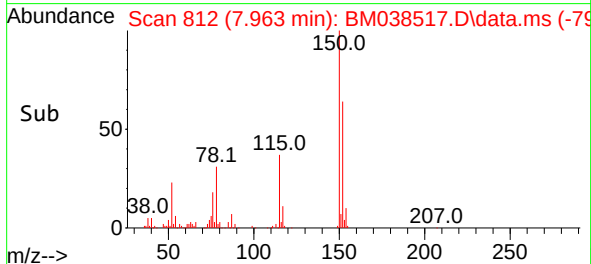
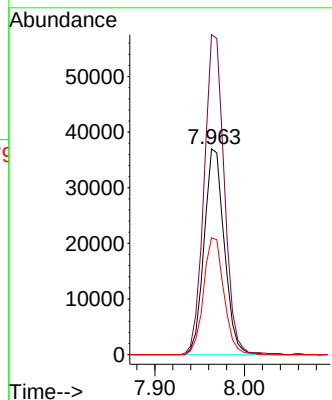
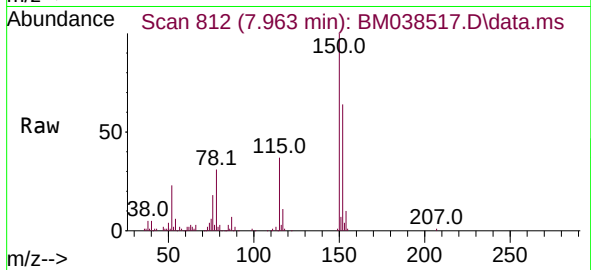




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM038517.D
Acq: 23 Jan 2023 20:17

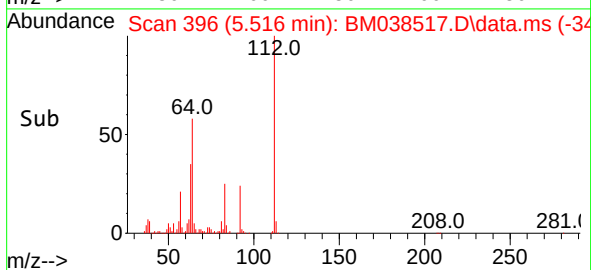
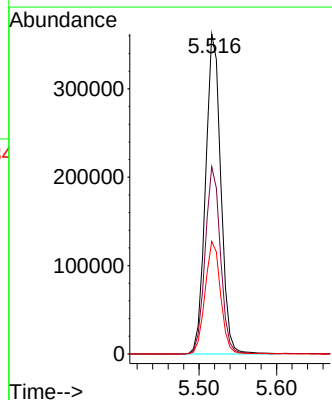
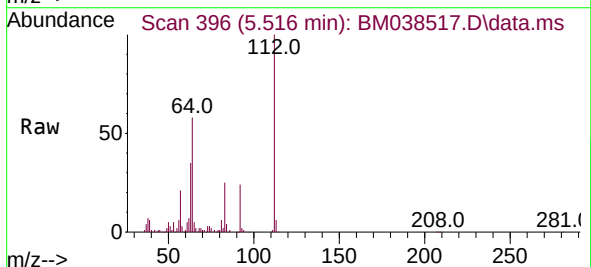
Instrument :
BNA_M
ClientSampleId :
PB150200BL

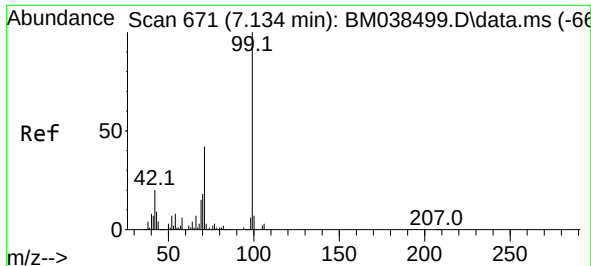
Tgt Ion:152 Resp: 57982
Ion Ratio Lower Upper
152 100
150 155.6 124.2 186.4
115 56.8 44.8 67.2



#5
2-Fluorophenol
Concen: 140.962 ng
RT: 5.516 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM038517.D
Acq: 23 Jan 2023 20:17

Tgt Ion:112 Resp: 494410
Ion Ratio Lower Upper
112 100
64 58.5 47.3 70.9
63 35.1 28.8 43.2

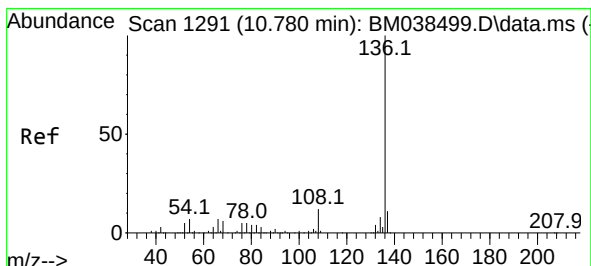
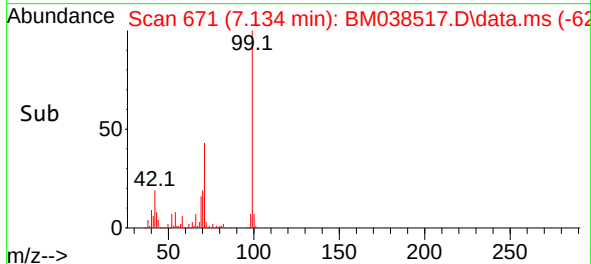
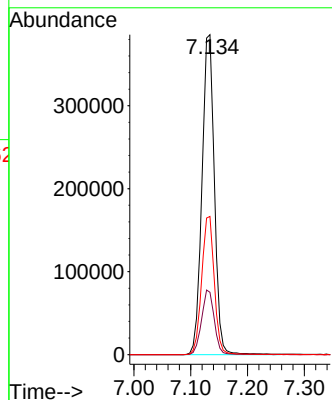
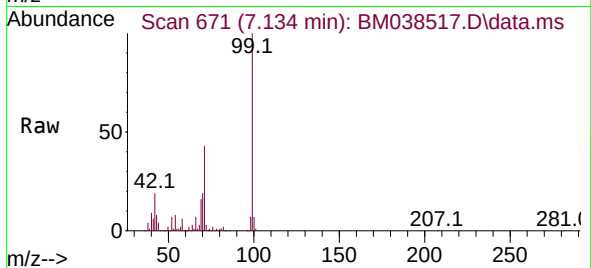




#7
Phenol-d6
Concen: 130.766 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038517.D
Acq: 23 Jan 2023 20:17

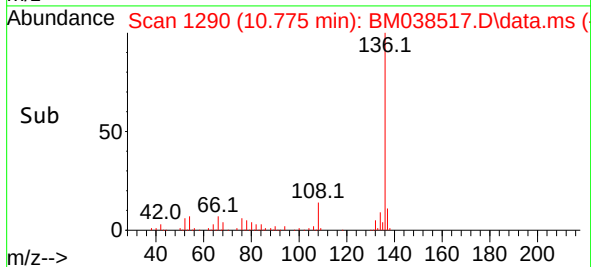
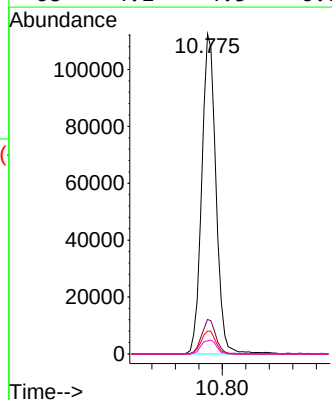
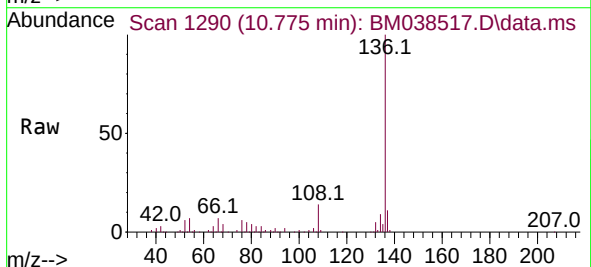
Instrument :
BNA_M
ClientSampleId :
PB150200BL

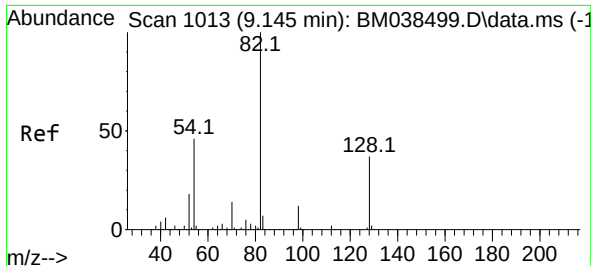
Tgt Ion: 99 Resp: 585184
Ion Ratio Lower Upper
99 100
42 19.5 16.0 24.0
71 43.2 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM038517.D
Acq: 23 Jan 2023 20:17

Tgt Ion: 136 Resp: 188794
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.1 6.0 9.0
68 4.1 4.5 6.7#

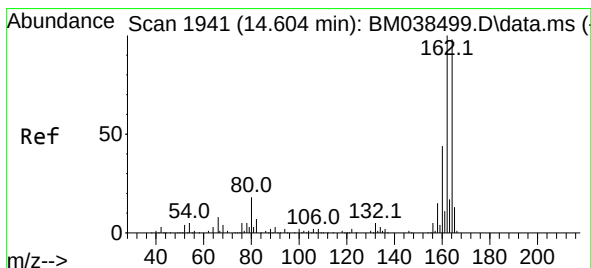
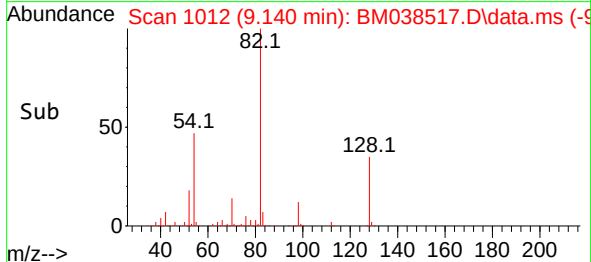
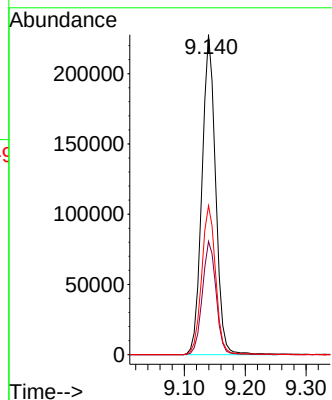
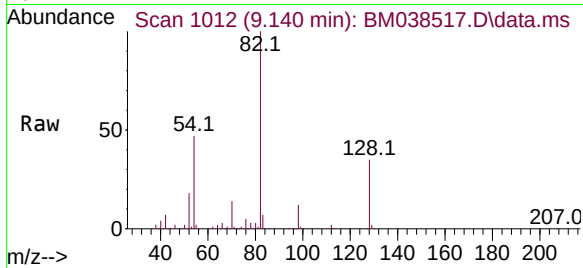




#23
Nitrobenzene-d5
Concen: 81.466 ng
RT: 9.140 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BM038517.D
Acq: 23 Jan 2023 20:17

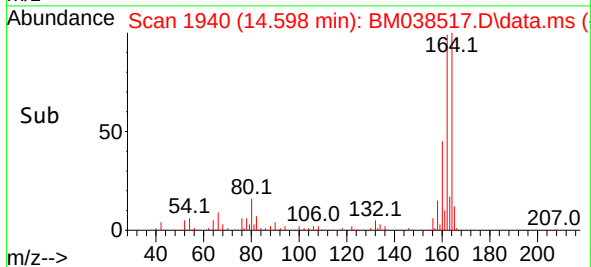
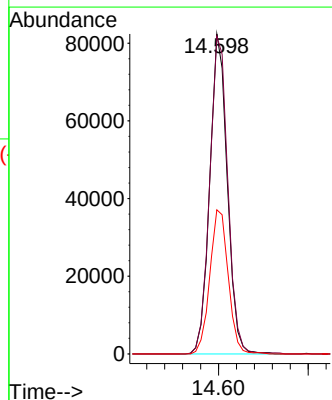
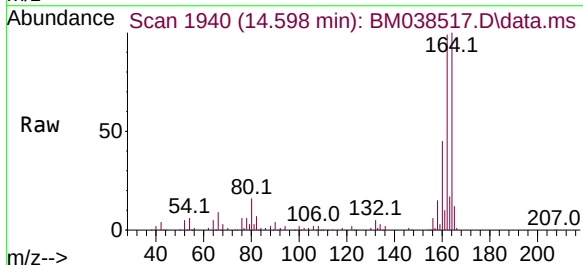
Instrument :
BNA_M
ClientSampleId :
PB150200BL

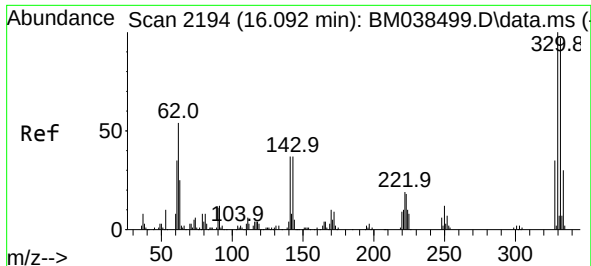
Tgt Ion: 82 Resp: 354180
Ion Ratio Lower Upper
82 100
128 35.4 29.3 43.9
54 46.5 36.9 55.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM038517.D
Acq: 23 Jan 2023 20:17

Tgt Ion: 164 Resp: 112288
Ion Ratio Lower Upper
164 100
162 99.3 82.0 123.0
160 45.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 117.865 ng

RT: 16.086 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038517.D

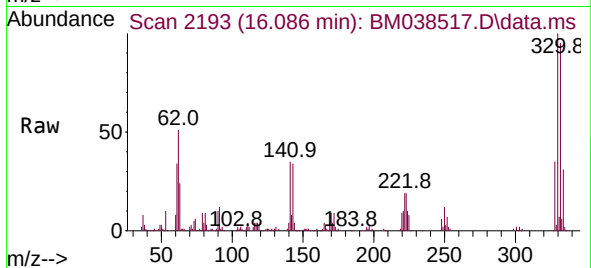
Acq: 23 Jan 2023 20:17

Instrument :

BNA_M

ClientSampleId :

PB150200BL



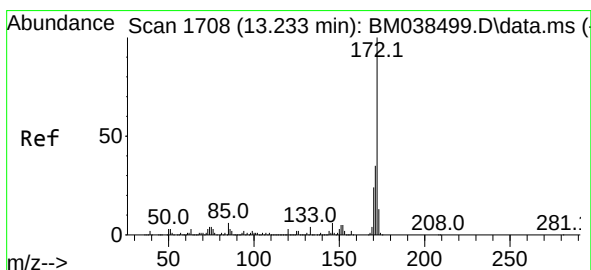
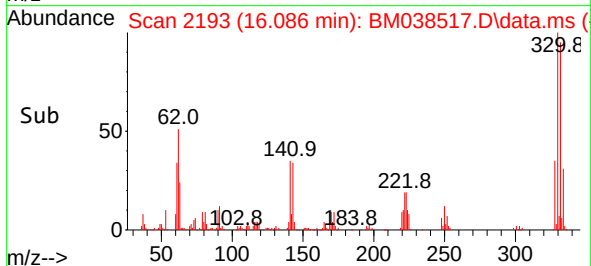
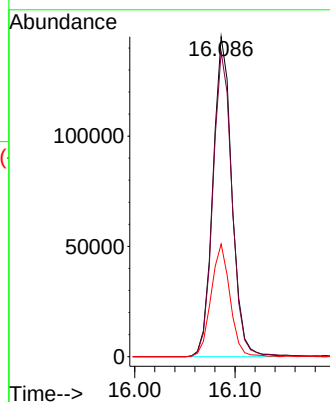
Tgt Ion:330 Resp: 190585

Ion Ratio Lower Upper

330 100

332 96.5 77.5 116.3

141 35.0 29.0 43.4



#45

2-Fluorobiphenyl

Concen: 80.515 ng

RT: 13.227 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BM038517.D

Acq: 23 Jan 2023 20:17

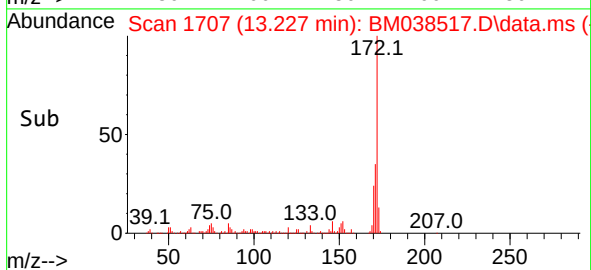
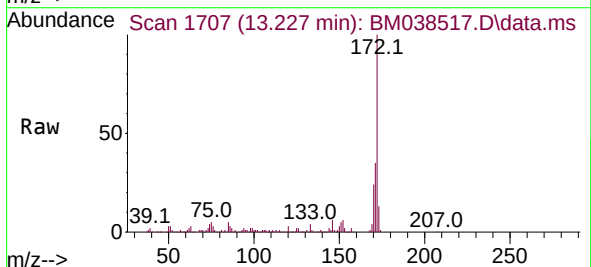
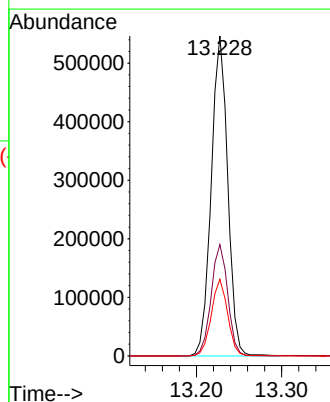
Tgt Ion:172 Resp: 733948

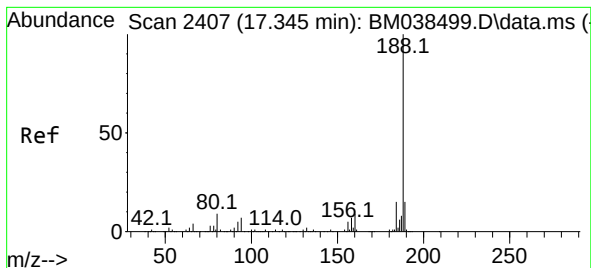
Ion Ratio Lower Upper

172 100

171 34.8 28.0 42.0

170 23.9 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.339 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM038517.D

Acq: 23 Jan 2023 20:17

Instrument :

BNA_M

ClientSampleId :

PB150200BL

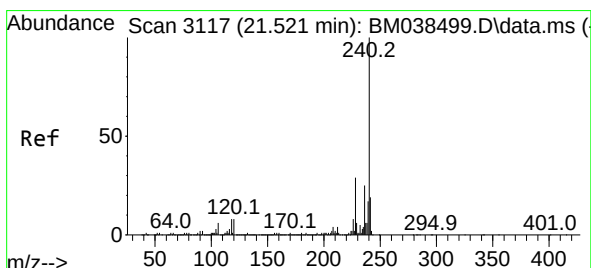
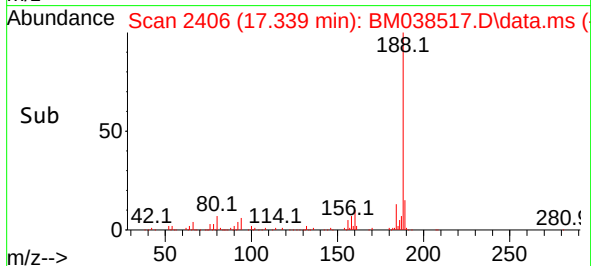
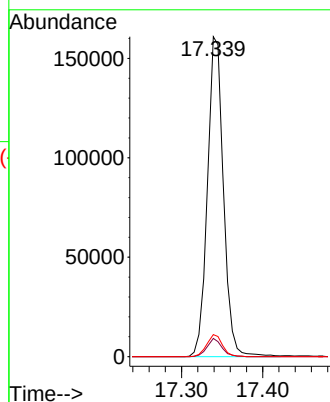
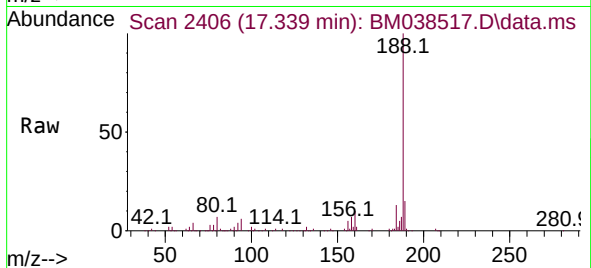
Tgt Ion:188 Resp: 221148

Ion Ratio Lower Upper

188 100

94 5.7 6.0 9.0#

80 6.9 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM038517.D

Acq: 23 Jan 2023 20:17

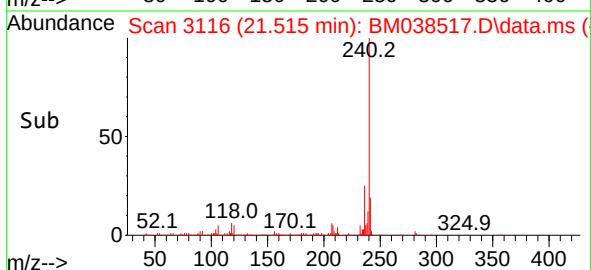
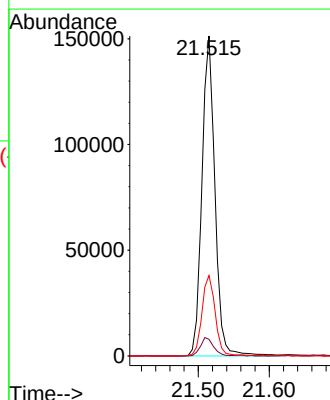
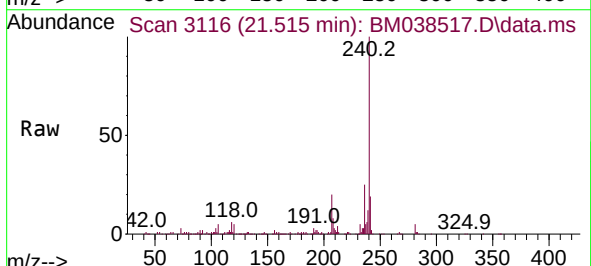
Tgt Ion:240 Resp: 191077

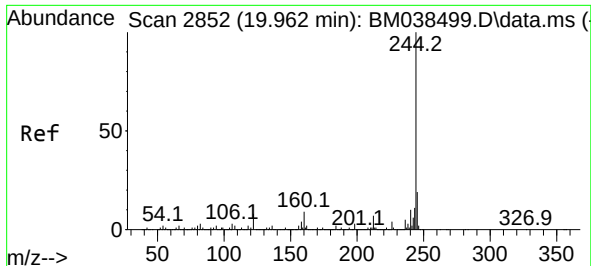
Ion Ratio Lower Upper

240 100

120 5.2 6.2 9.2#

236 25.1 20.2 30.2

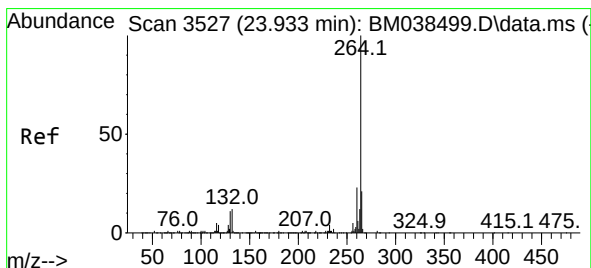
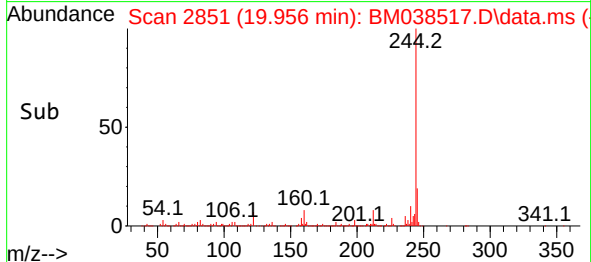
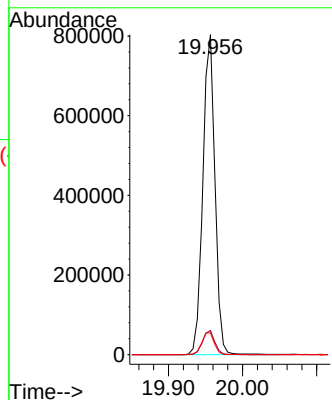
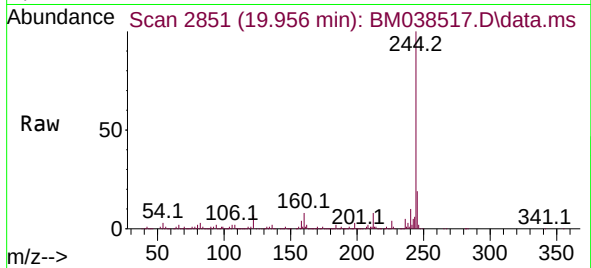




#79
Terphenyl-d14
Concen: 92.621 ng
RT: 19.956 min Scan# 2851
Delta R.T. -0.006 min
Lab File: BM038517.D
Acq: 23 Jan 2023 20:17

Instrument :
BNA_M
ClientSampleId :
PB150200BL

Tgt Ion:244 Resp: 907807
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 6.8 6.7 10.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 3526
Delta R.T. -0.006 min
Lab File: BM038517.D
Acq: 23 Jan 2023 20:17

Tgt Ion:264 Resp: 219826
Ion Ratio Lower Upper
264 100
260 24.2 18.5 27.7
265 22.8 17.8 26.6

