

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081821\
 Data File : BM031808.D
 Acq On : 18 Aug 2021 16:32
 Operator : CG/JU
 Sample : M3429-02RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-1

Quant Time: Aug 18 18:10:21 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 14:13:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	29800	20.000	ng	# 0.00
21) Naphthalene-d8	10.298	136	110452	20.000	ng	# 0.00
39) Acenaphthene-d10	14.174	164	68345	20.000	ng	0.00
64) Phenanthrene-d10	16.933	188	144264	20.000	ng	0.00
76) Chrysene-d12	21.133	240	142330	20.000	ng	0.00
86) Perylene-d12	23.280	264	142623	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	281481	151.603	ng	0.00
7) Phenol-d6	6.734	99	312631	116.202	ng	0.00
23) Nitrobenzene-d5	8.692	82	258955	98.167	ng	0.00
42) 2,4,6-Tribromophenol	15.680	330	115928	137.721	ng	0.00
45) 2-Fluorobiphenyl	12.792	172	492137	95.843	ng	0.00
79) Terphenyl-d14	19.580	244	870343	103.029	ng	0.00

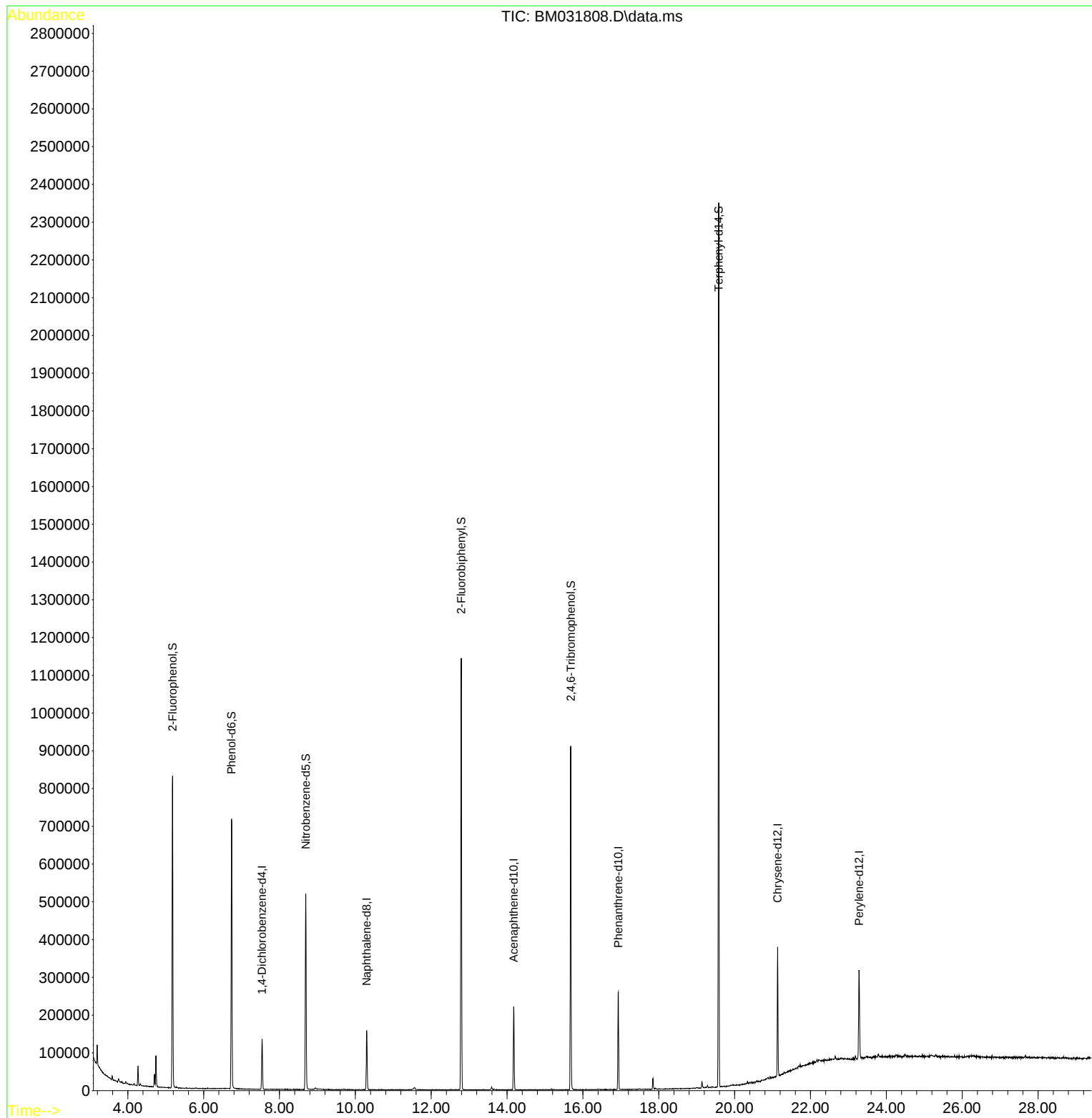
Target Compounds	Qvalue

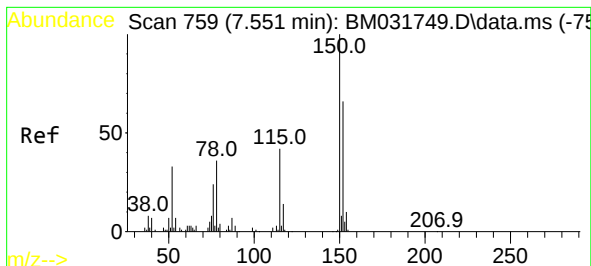
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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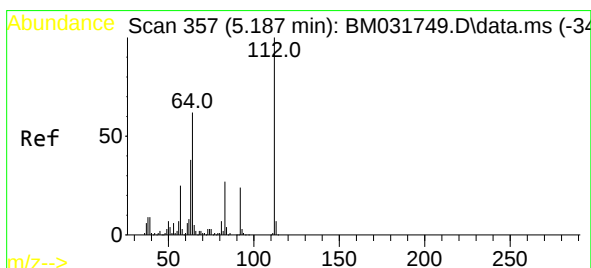
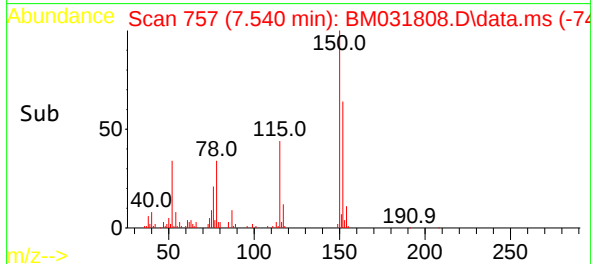
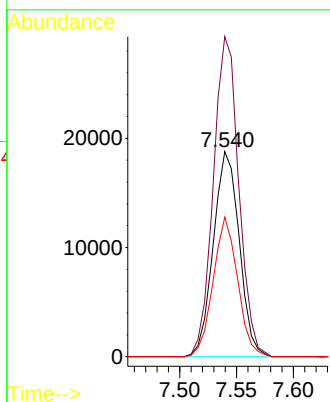
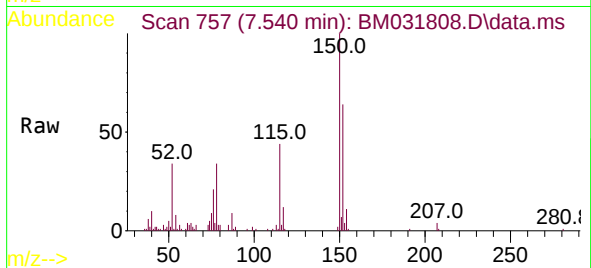




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.540 min Scan# 757
Delta R.T. -0.000 min
Lab File: BM031808.D
Acq: 18 Aug 2021 16:32

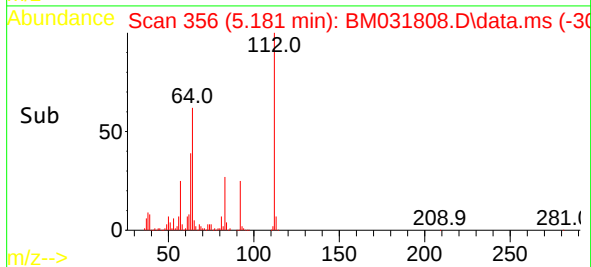
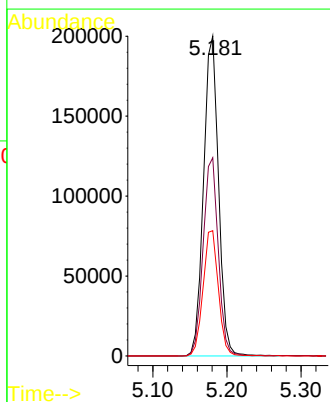
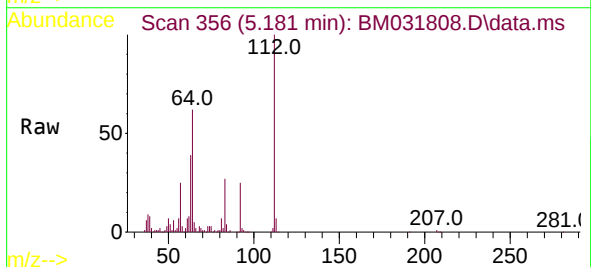
Instrument :
BNA_M
ClientSampleId :
WC-1

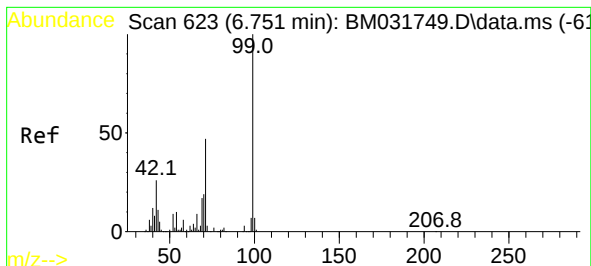
Tgt Ion:152 Resp: 29800
Ion Ratio Lower Upper
152 100
150 156.0 125.9 188.9
115 68.0 44.6 67.0#



#5
2-Fluorophenol
Concen: 151.603 ng
RT: 5.181 min Scan# 356
Delta R.T. 0.006 min
Lab File: BM031808.D
Acq: 18 Aug 2021 16:32

Tgt Ion:112 Resp: 281481
Ion Ratio Lower Upper
112 100
64 62.0 47.1 70.7
63 39.2 27.3 40.9





#7

Phenol-d6

Concen: 116.202 ng

RT: 6.734 min Scan# 620

Delta R.T. -0.000 min

Lab File: BM031808.D

Acq: 18 Aug 2021 16:32

Tgt Ion: 99 Resp: 312631

Ion Ratio Lower Upper

99 100

42 29.2 18.0 27.0#

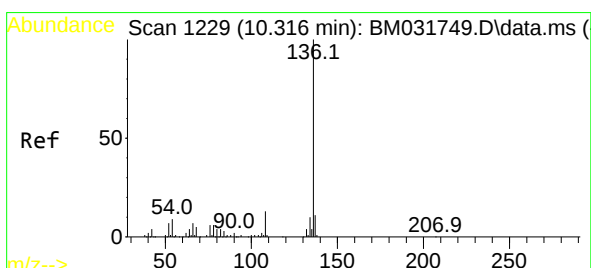
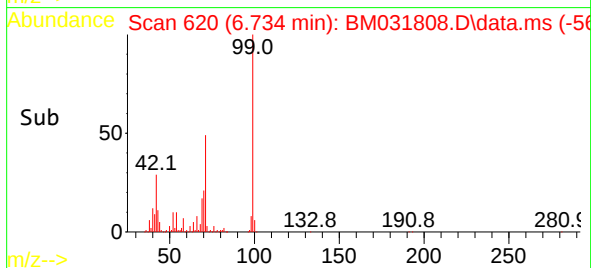
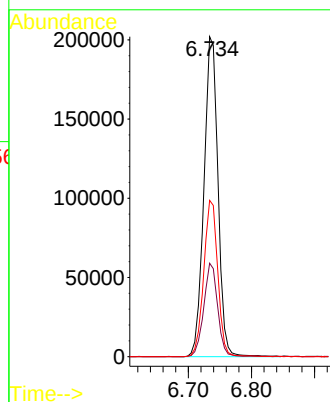
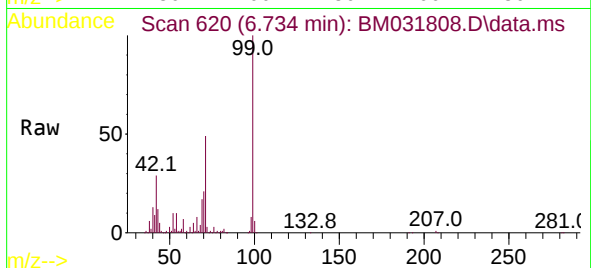
71 48.8 30.9 46.3#

Instrument :

BNA_M

ClientSampled :

WC-1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.298 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BM031808.D

Acq: 18 Aug 2021 16:32

Tgt Ion: 136 Resp: 110452

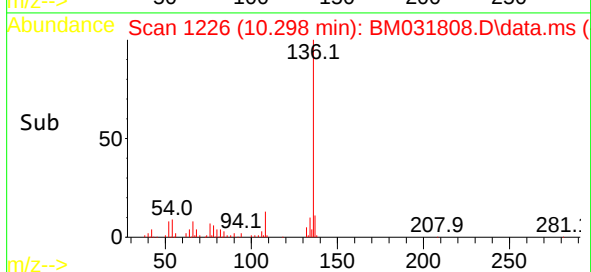
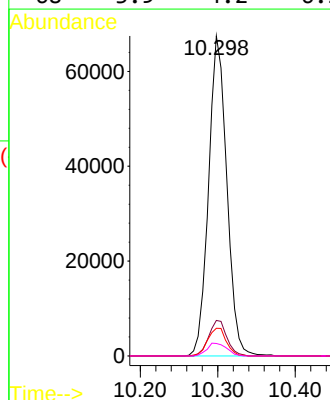
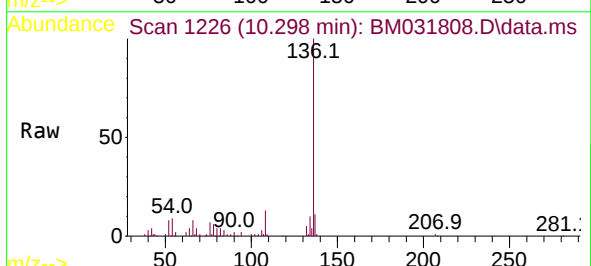
Ion Ratio Lower Upper

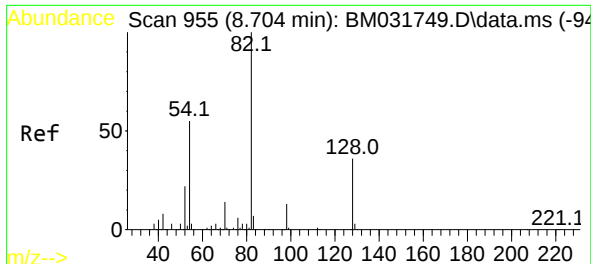
136 100

137 11.1 8.4 12.6

54 8.7 5.5 8.3#

68 3.9 4.2 6.2#

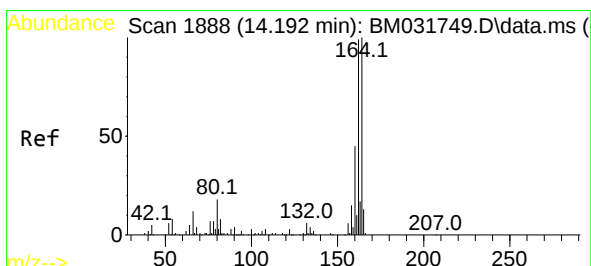
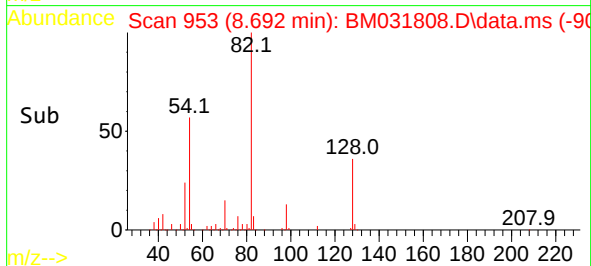
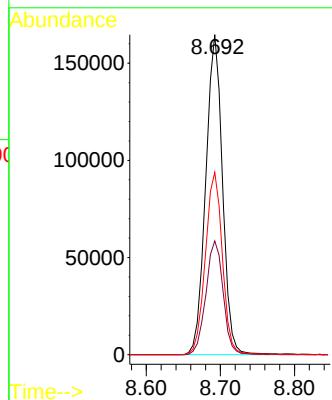
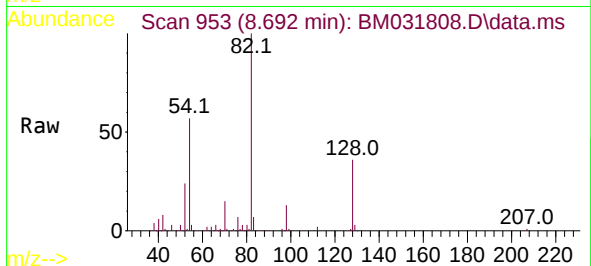




#23
Nitrobenzene-d5
Concen: 98.167 ng
RT: 8.692 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM031808.D
Acq: 18 Aug 2021 16:32

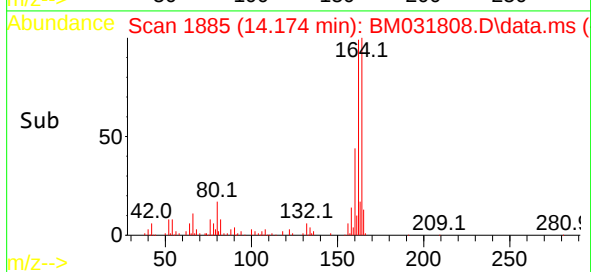
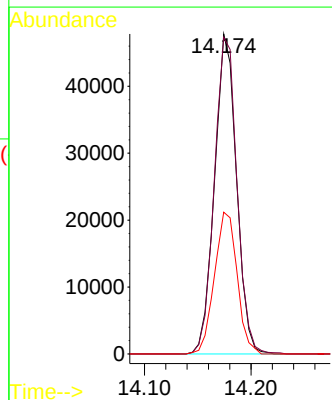
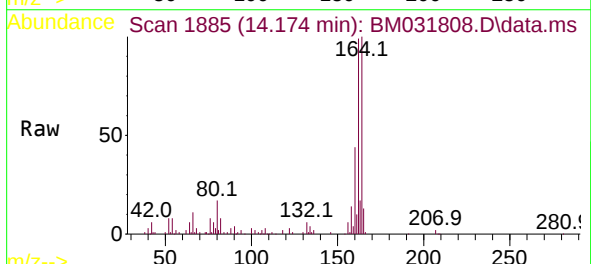
Instrument :
BNA_M
ClientSampled :
WC-1

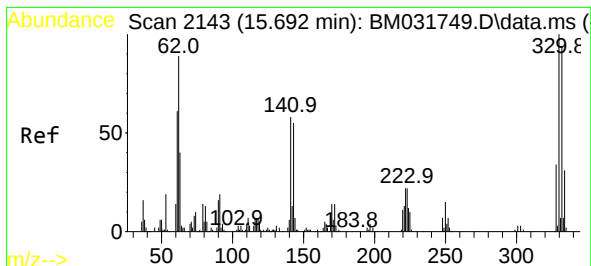
Tgt Ion: 82 Resp: 258955
Ion Ratio Lower Upper
82 100
128 35.5 31.1 46.7
54 57.0 37.3 55.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.174 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BM031808.D
Acq: 18 Aug 2021 16:32

Tgt Ion:164 Resp: 68345
Ion Ratio Lower Upper
164 100
162 98.9 83.4 125.0
160 44.3 37.2 55.8

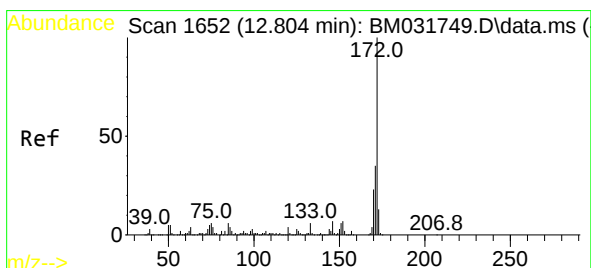
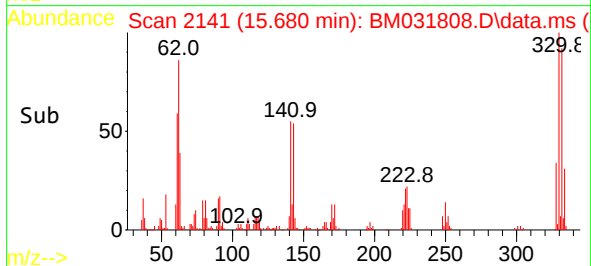
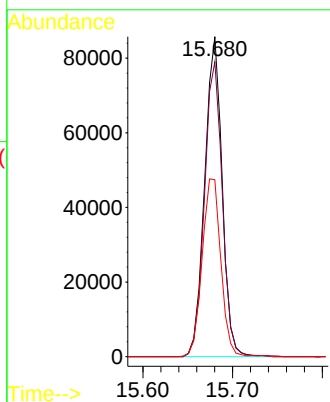
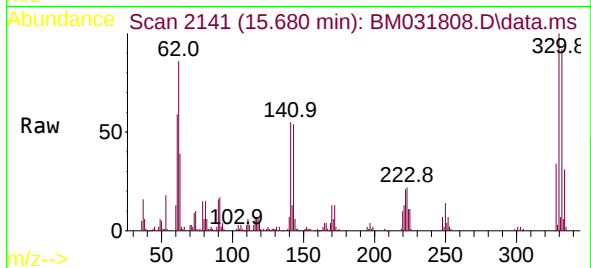




#42
2,4,6-Tribromophenol
Concen: 137.721 ng
RT: 15.680 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BM031808.D
Acq: 18 Aug 2021 16:32

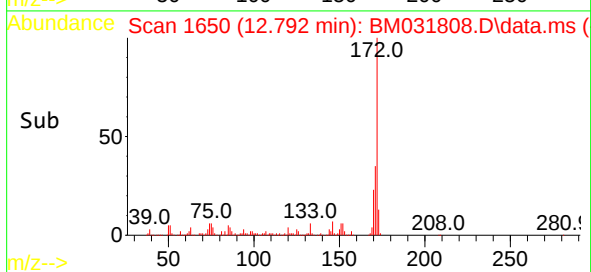
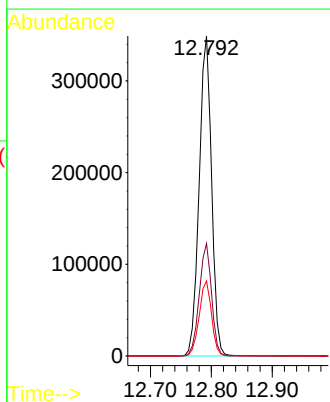
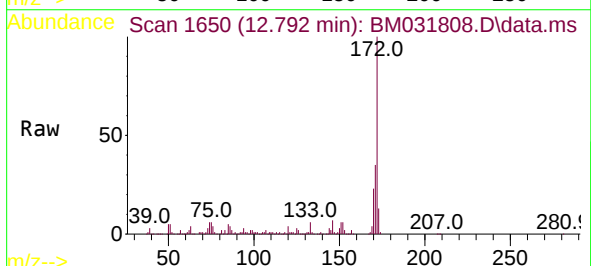
Instrument :
BNA_M
ClientSampled :
WC-1

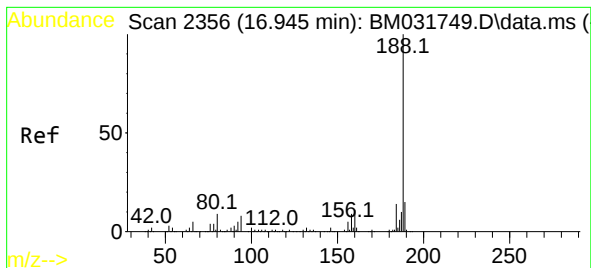
Tgt Ion:330 Resp: 115928
Ion Ratio Lower Upper
330 100
332 94.2 77.0 115.4
141 59.6 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 95.843 ng
RT: 12.792 min Scan# 1650
Delta R.T. -0.000 min
Lab File: BM031808.D
Acq: 18 Aug 2021 16:32

Tgt Ion:172 Resp: 492137
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.4 18.4 27.6

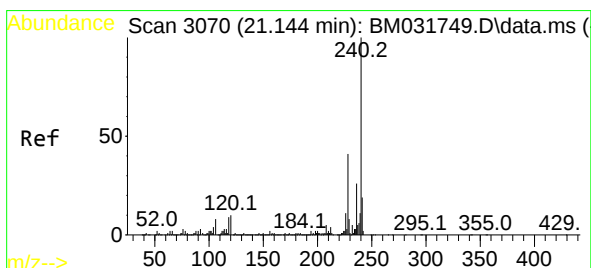
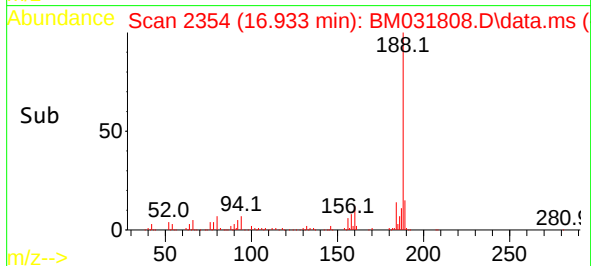
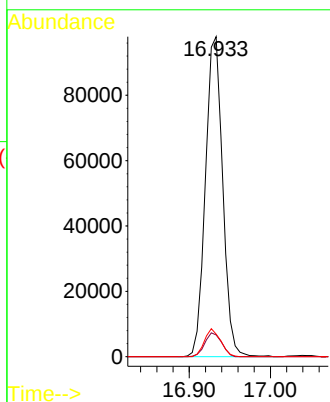
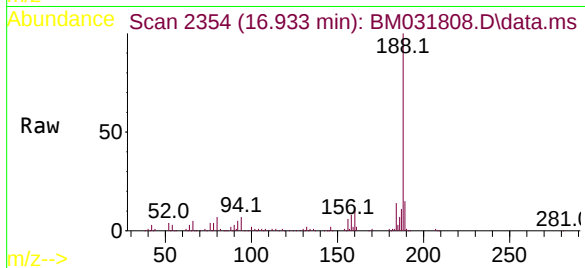




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.933 min Scan# 2354
Delta R.T. -0.000 min
Lab File: BM031808.D
Acq: 18 Aug 2021 16:32

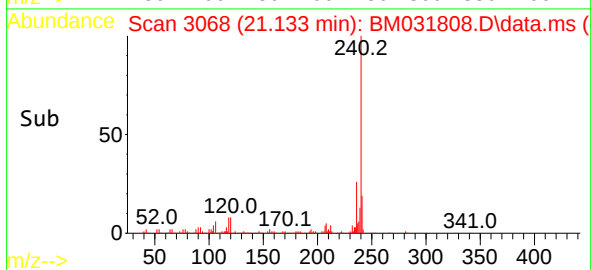
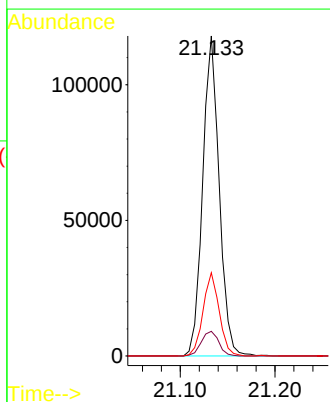
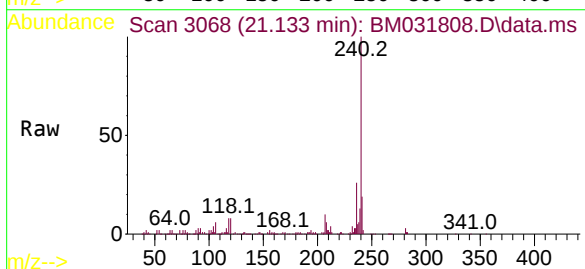
Instrument :
BNA_M
ClientSampled :
WC-1

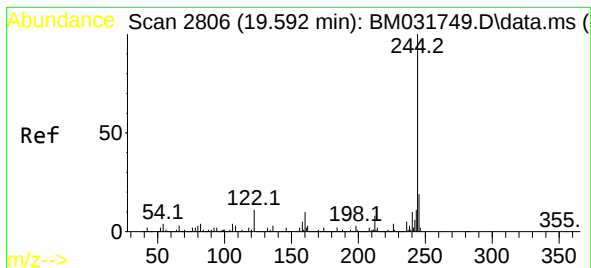
Tgt Ion:188 Resp: 144264
Ion Ratio Lower Upper
188 100
94 6.8 6.0 9.0
80 7.1 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.133 min Scan# 3068
Delta R.T. -0.000 min
Lab File: BM031808.D
Acq: 18 Aug 2021 16:32

Tgt Ion:240 Resp: 142330
Ion Ratio Lower Upper
240 100
120 7.7 7.0 10.6
236 26.0 21.0 31.4





#79

Terphenyl-d14

Concen: 103.029 ng

RT: 19.580 min Scan# 2804

Delta R.T. -0.000 min

Lab File: BM031808.D

Acq: 18 Aug 2021 16:32

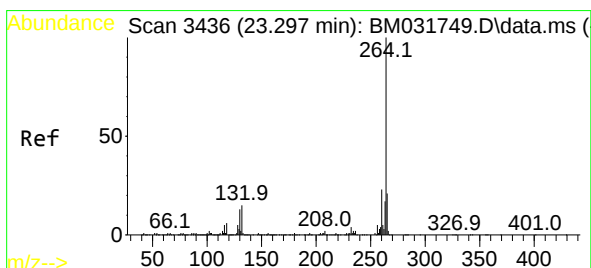
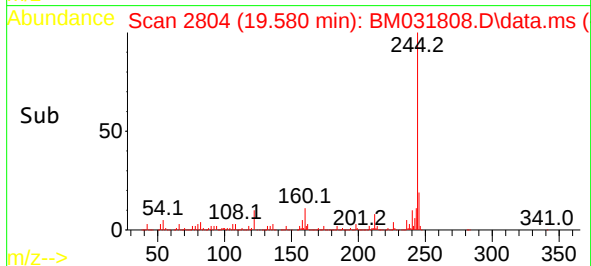
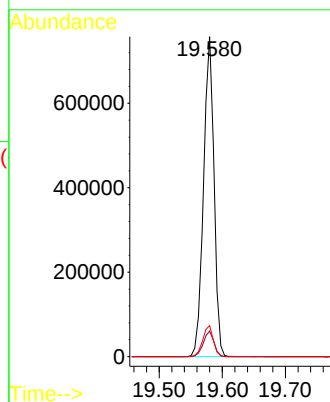
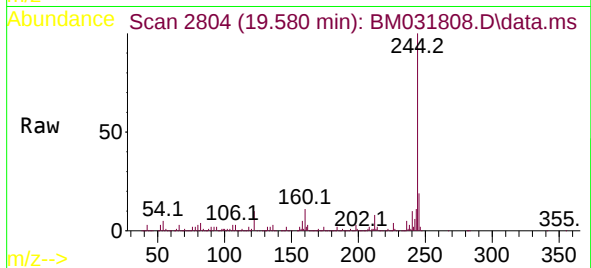
Tgt Ion:244 Resp: 870343

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

122 9.7 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.280 min Scan# 3433

Delta R.T. -0.000 min

Lab File: BM031808.D

Acq: 18 Aug 2021 16:32

Tgt Ion:264 Resp: 142623

Ion Ratio Lower Upper

264 100

260 22.9 19.8 29.8

265 22.2 17.7 26.5

