

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060222\
 Data File : BM035368.D
 Acq On : 02 Jun 2022 18:34
 Operator : CG/JU
 Sample : PB145245BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB145245BL

Quant Time: Jun 03 01:43:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 16:16:23 2022
 Response via : Initial Calibration

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

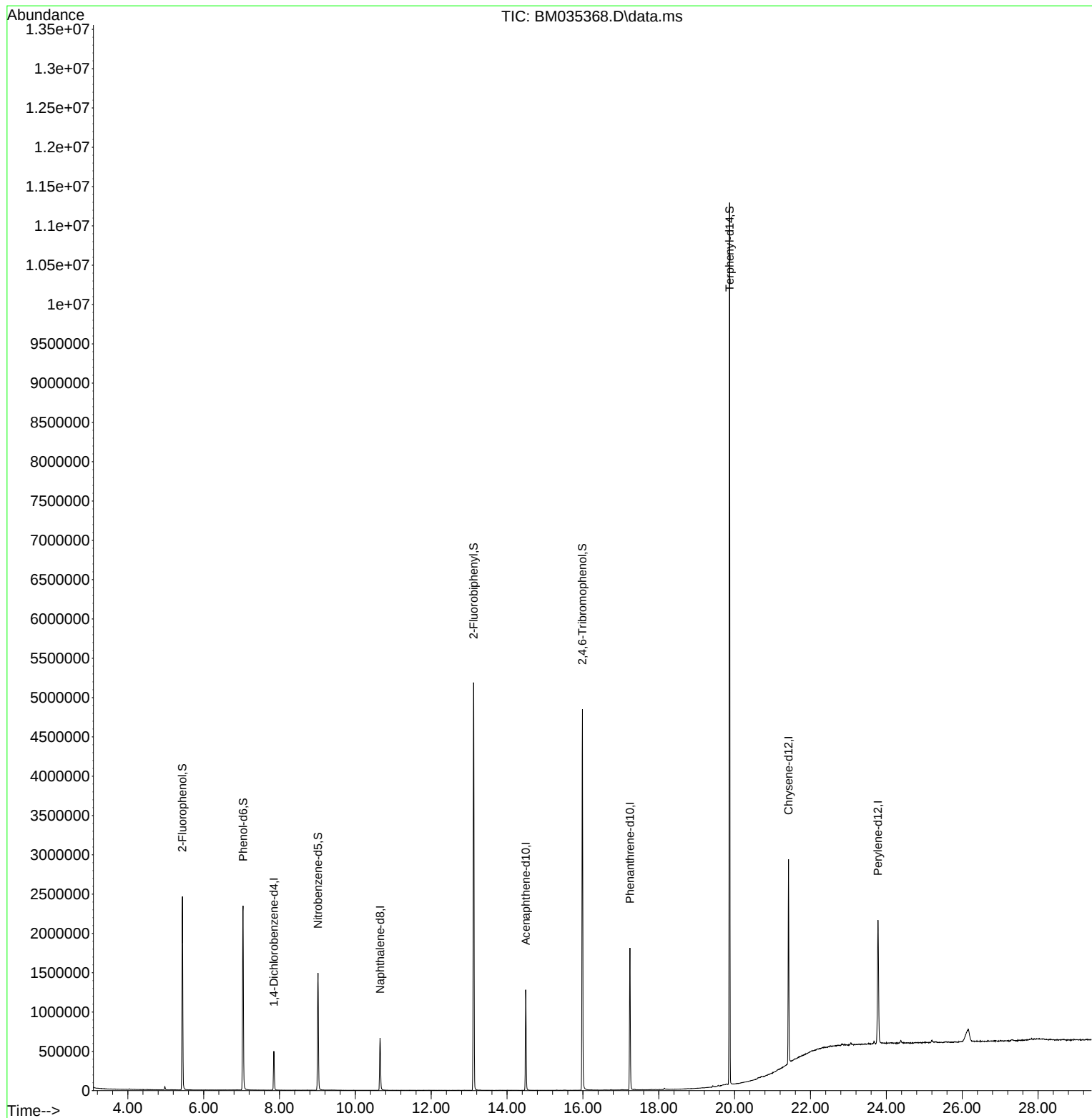
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	153323	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	624040	20.000	ng	# 0.00
39) Acenaphthene-d10	14.492	164	478660	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	1165684	20.000	ng	# 0.00
76) Chrysene-d12	21.421	240	1266935	20.000	ng	# 0.00
86) Perylene-d12	23.780	264	1274337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1156739	158.533	ng	0.00
7) Phenol-d6	7.040	99	1495774	150.076	ng	0.00
23) Nitrobenzene-d5	9.016	82	884174	89.965	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	1141421	148.623	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	2974194	89.244	ng	0.00
79) Terphenyl-d14	19.868	244	6014190	94.574	ng	0.00
Target Compounds						
9) Benzaldehyde	6.993	77	213	Below Cal	#	Qvalue 3

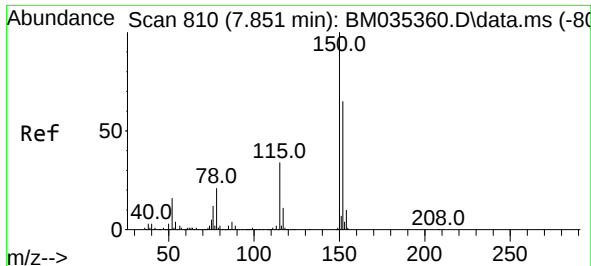
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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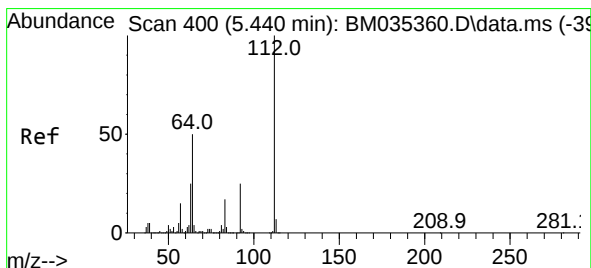
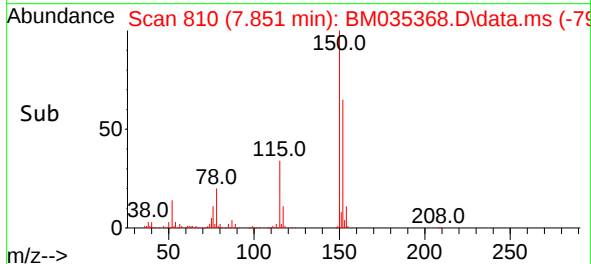
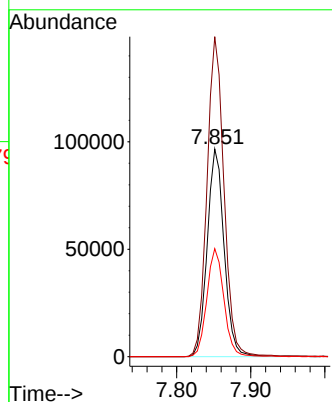
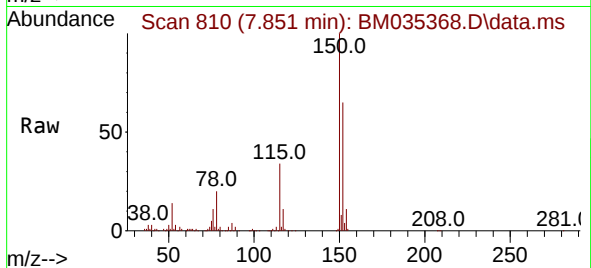




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM035368.D
Acq: 02 Jun 2022 18:34

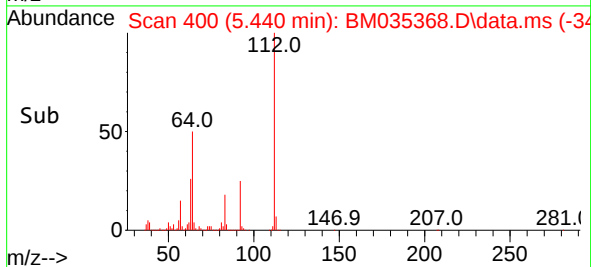
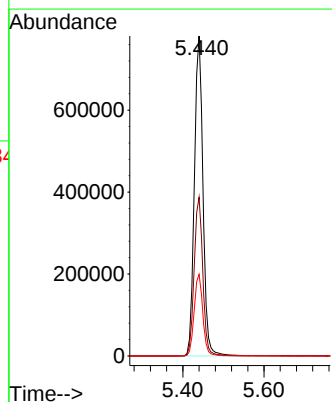
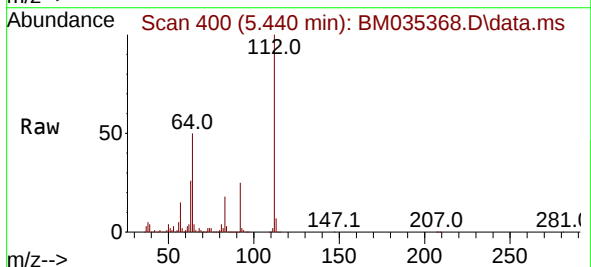
Instrument :
BNA_M
ClientSampleId :
PB145245BL

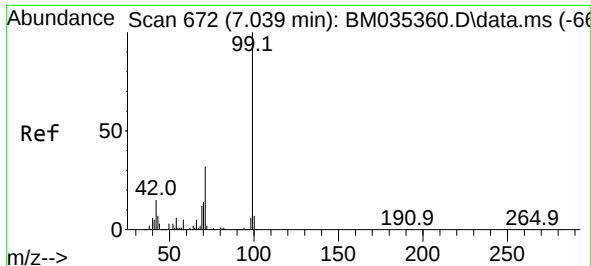
Tgt Ion:152 Resp: 153323
Ion Ratio Lower Upper
152 100
150 154.1 124.9 187.3
115 52.0 47.9 71.9



#5
2-Fluorophenol
Concen: 158.533 ng
RT: 5.440 min Scan# 400
Delta R.T. 0.000 min
Lab File: BM035368.D
Acq: 02 Jun 2022 18:34

Tgt Ion:112 Resp: 1156739
Ion Ratio Lower Upper
112 100
64 49.6 47.8 71.6
63 25.5 26.6 40.0#

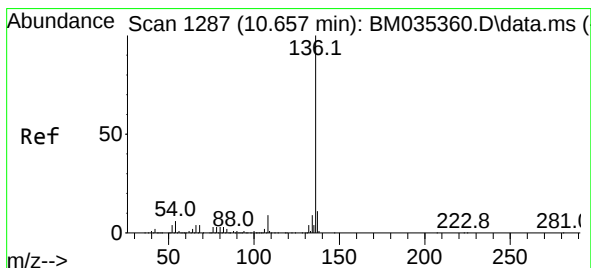
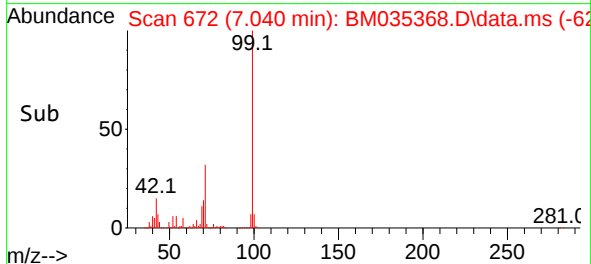
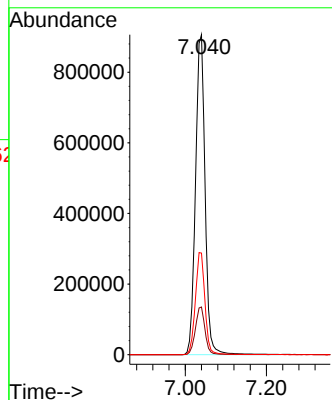
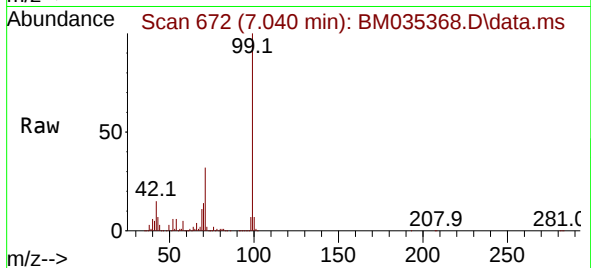




#7
Phenol-d6
Concen: 150.076 ng
RT: 7.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035368.D
Acq: 02 Jun 2022 18:34

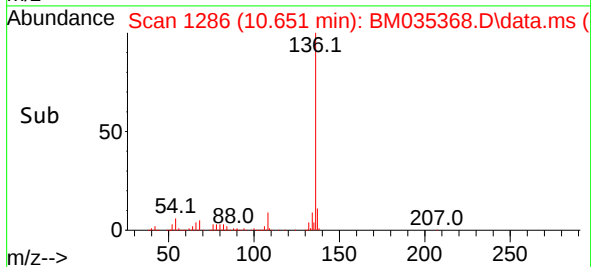
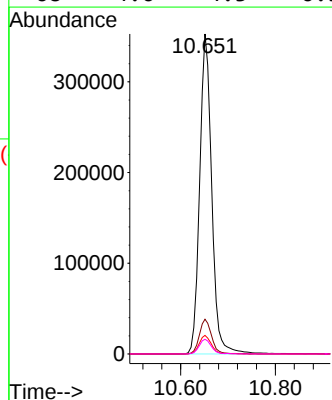
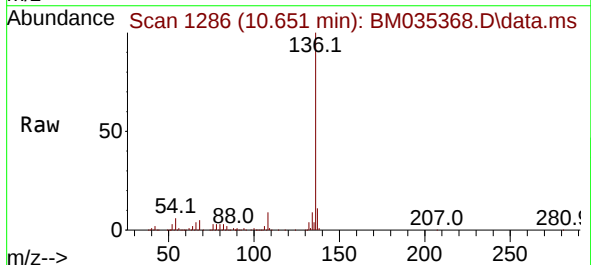
Instrument :
BNA_M
ClientSampleId :
PB145245BL

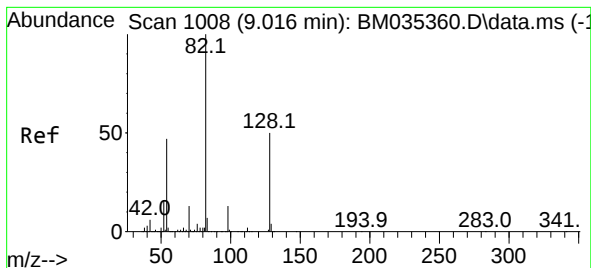
Tgt Ion: 99 Resp: 1495774
Ion Ratio Lower Upper
99 100
42 14.9 18.8 28.2#
71 31.7 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM035368.D
Acq: 02 Jun 2022 18:34

Tgt Ion: 136 Resp: 624040
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 5.8 7.0 10.4#
68 4.6 4.3 6.5





#23

Nitrobenzene-d5

Concen: 89.965 ng

RT: 9.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BM035368.D

Acq: 02 Jun 2022 18:34

Instrument :

BNA_M

ClientSampleId :

PB145245BL

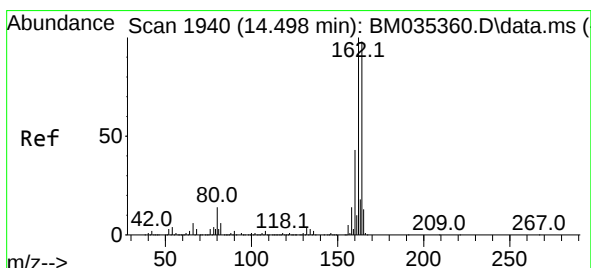
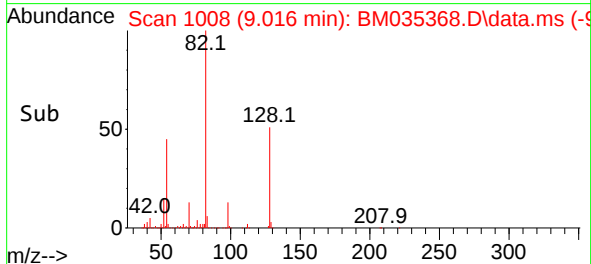
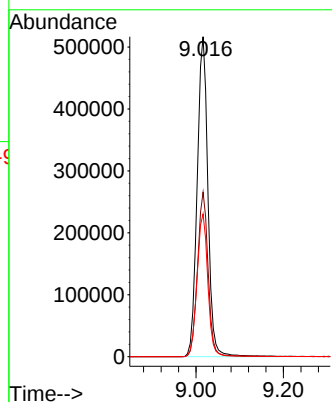
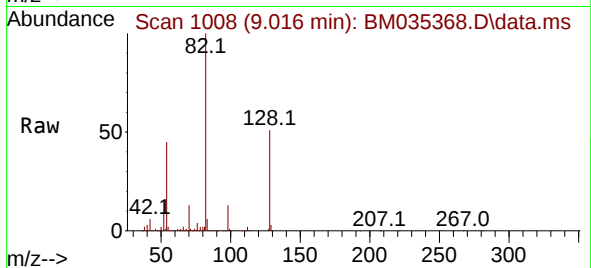
Tgt Ion: 82 Resp: 884174

Ion Ratio Lower Upper

82 100

128 51.4 33.7 50.5#

54 44.6 43.2 64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BM035368.D

Acq: 02 Jun 2022 18:34

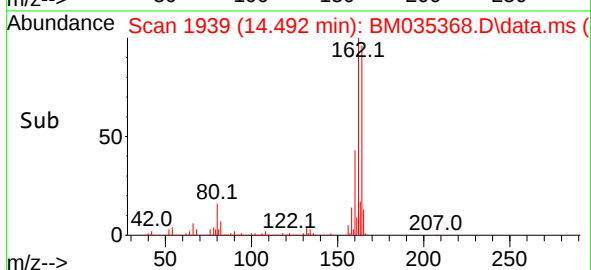
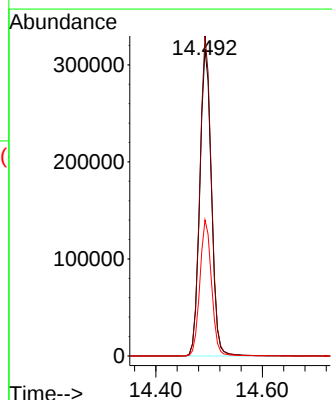
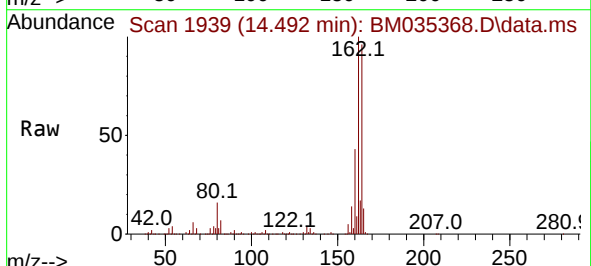
Tgt Ion: 164 Resp: 478660

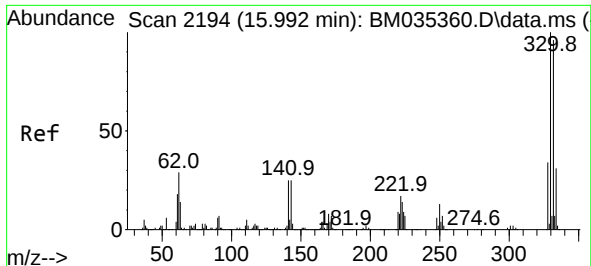
Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.6

160 44.3 37.0 55.4

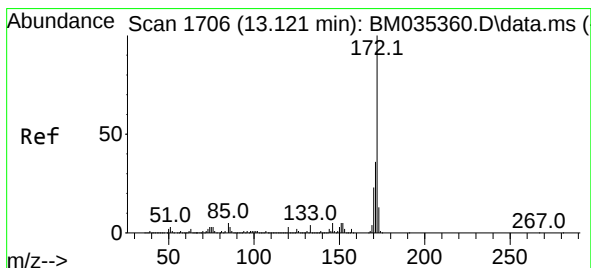
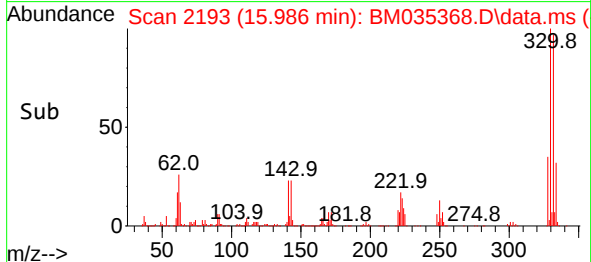
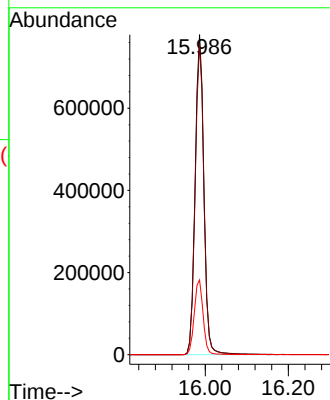
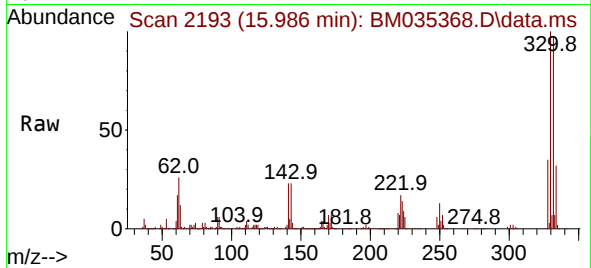




#42
2,4,6-Tribromophenol
Concen: 148.623 ng
RT: 15.986 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BM035368.D
Acq: 02 Jun 2022 18:34

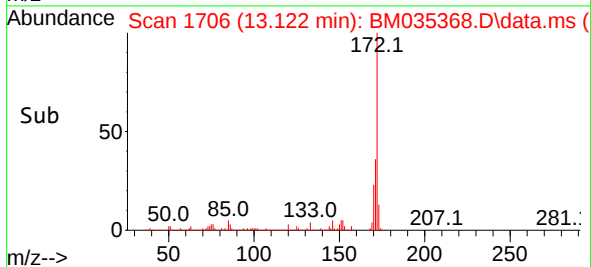
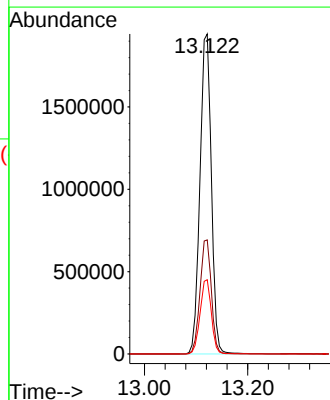
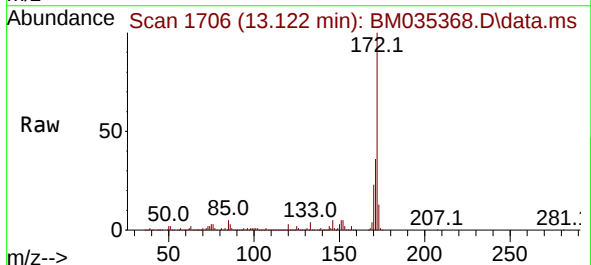
Instrument :
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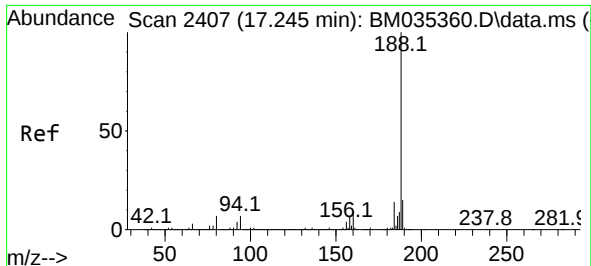
Tgt Ion:330 Resp: 1141421
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 23.6 35.3 52.9#



#45
2-Fluorobiphenyl
Concen: 89.244 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BM035368.D
Acq: 02 Jun 2022 18:34

Tgt Ion:172 Resp: 2974194
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.2 18.7 28.1

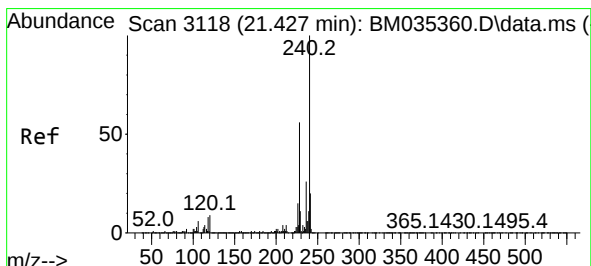
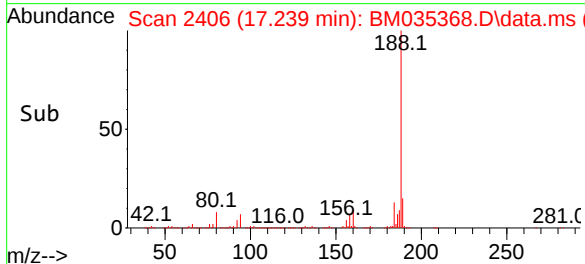
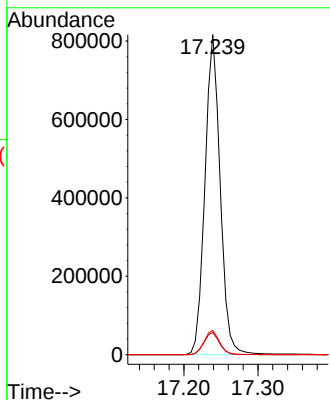
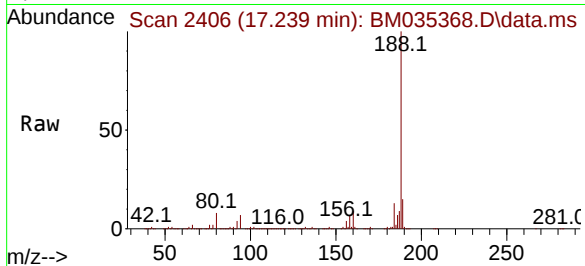




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM035368.D
Acq: 02 Jun 2022 18:34

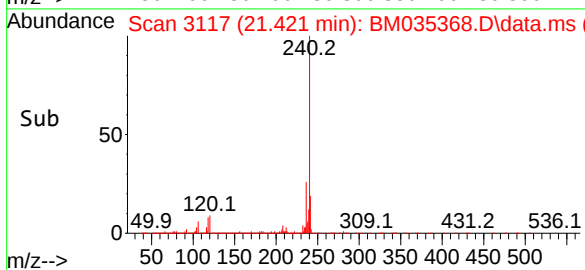
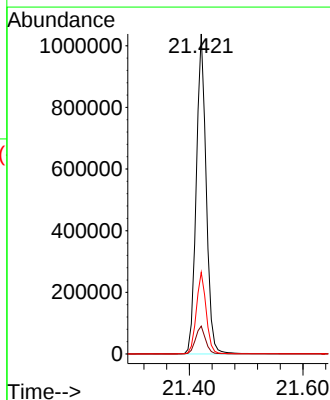
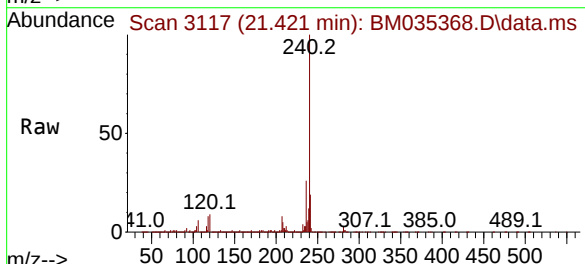
Instrument :
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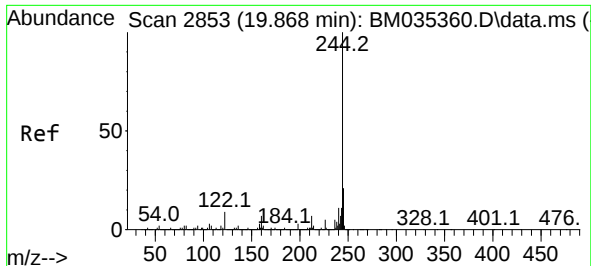
Tgt Ion:188 Resp: 1165684
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.4#
80 7.6 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM035368.D
Acq: 02 Jun 2022 18:34

Tgt Ion:240 Resp: 1266935
Ion Ratio Lower Upper
240 100
120 8.7 9.4 14.0#
236 25.5 20.6 30.8

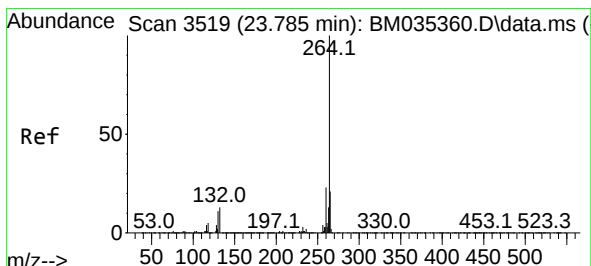
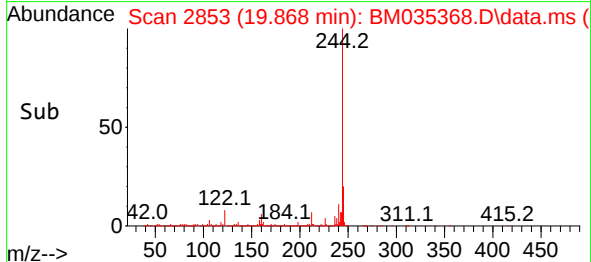
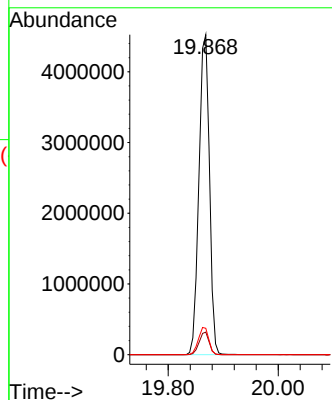
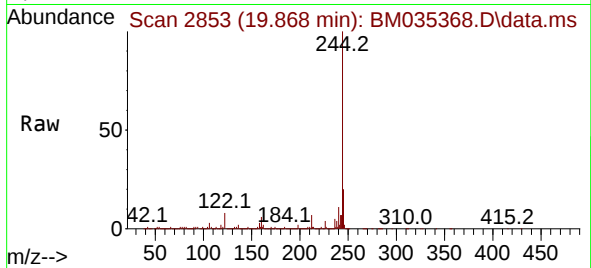




#79
 Terphenyl-d14
 Concen: 94.574 ng
 RT: 19.868 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM035368.D
 Acq: 02 Jun 2022 18:34

Instrument :
 BNA_M
 ClientSampleId :
 PB145245BL

Tgt Ion:244 Resp: 6014190
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 8.2 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.780 min Scan# 3518
 Delta R.T. -0.006 min
 Lab File: BM035368.D
 Acq: 02 Jun 2022 18:34

Tgt Ion:264 Resp: 1274337
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 22.3 17.5 26.3

