

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052322\
 Data File : BM035196.D
 Acq On : 23 May 2022 16:17
 Operator : CG/JU
 Sample : PB144970BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB144970BL

Quant Time: May 24 03:16:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 04:53:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	163629	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	647087	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	421498	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	859785	20.000	ng	# 0.00
76) Chrysene-d12	21.462	240	673748	20.000	ng	#-0.01
86) Perylene-d12	23.850	264	647232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1264590	136.346	ng	0.00
7) Phenol-d6	7.075	99	1596559	133.343	ng	0.00
23) Nitrobenzene-d5	9.063	82	1023335	85.401	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	688703	150.206	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	2608918	89.853	ng	0.00
79) Terphenyl-d14	19.909	244	3591362	103.208	ng	0.00

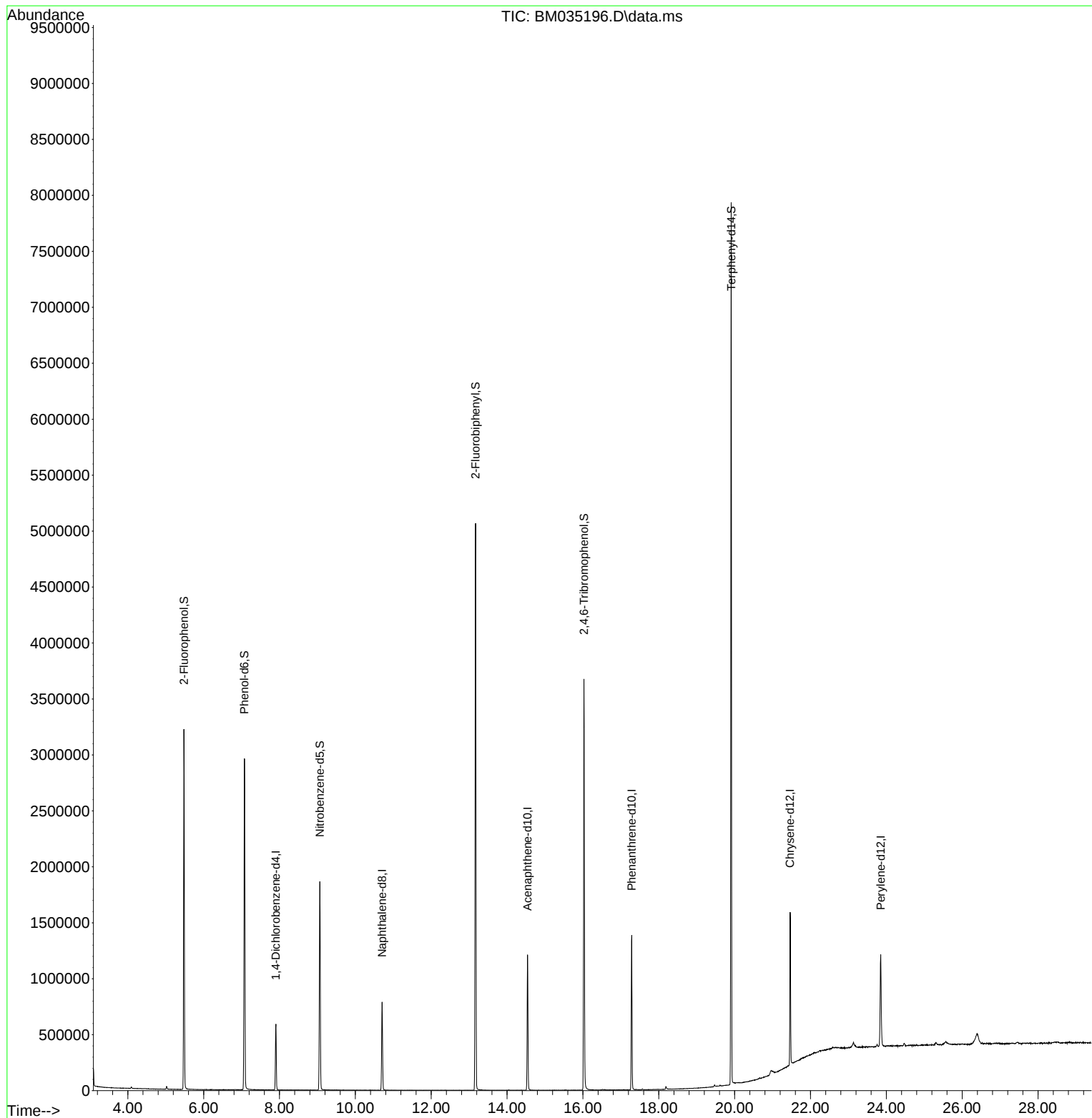
Target Compounds	Qvalue

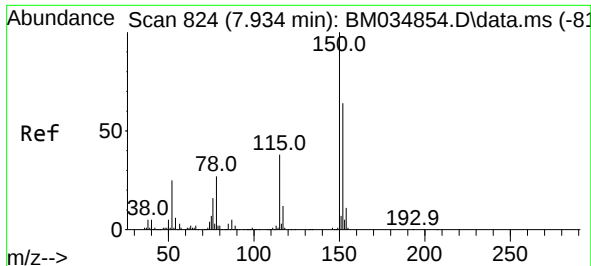
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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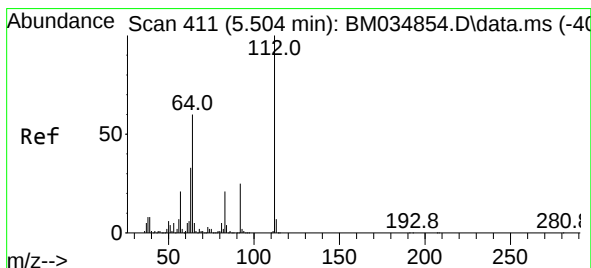
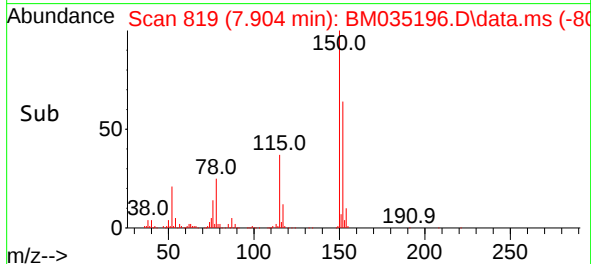
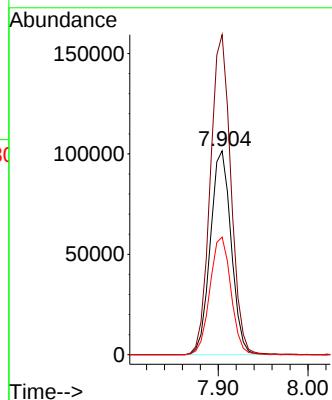
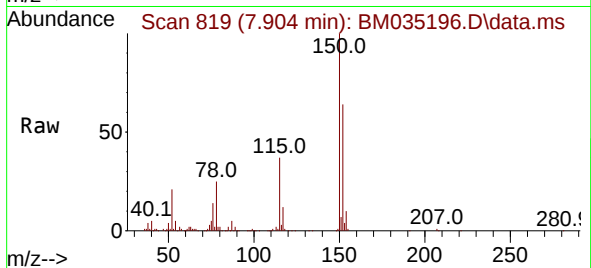




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM035196.D
Acq: 23 May 2022 16:17

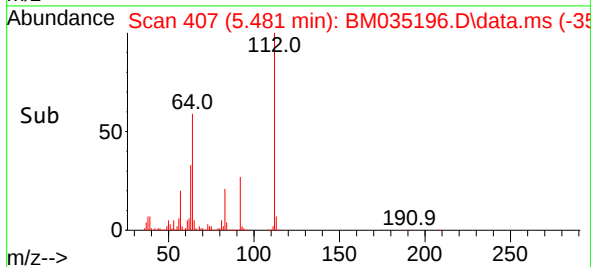
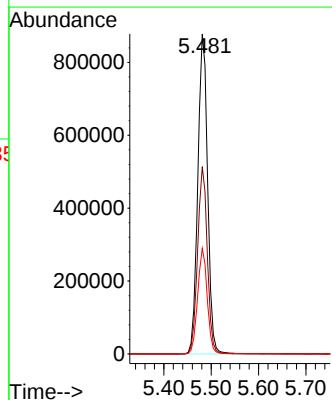
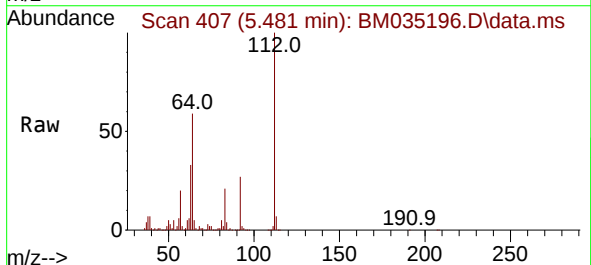
Instrument :
BNA_M
ClientSampleId :
PB144970BL

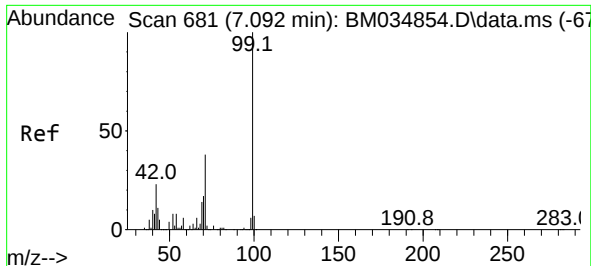
Tgt Ion:152 Resp: 163629
Ion Ratio Lower Upper
152 100
150 157.0 124.9 187.3
115 57.7 47.9 71.9



#5
2-Fluorophenol
Concen: 136.346 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM035196.D
Acq: 23 May 2022 16:17

Tgt Ion:112 Resp: 1264590
Ion Ratio Lower Upper
112 100
64 58.5 47.8 71.6
63 33.0 26.6 40.0

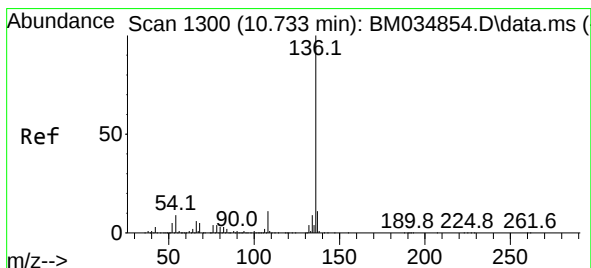
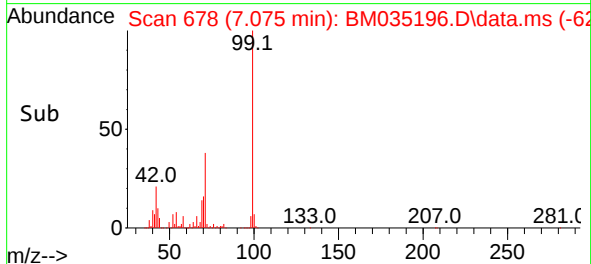
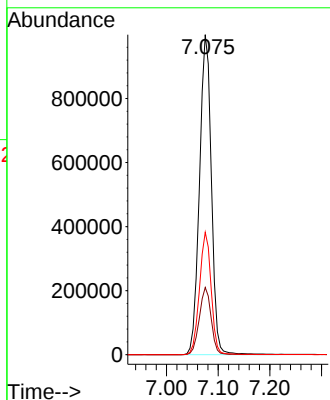
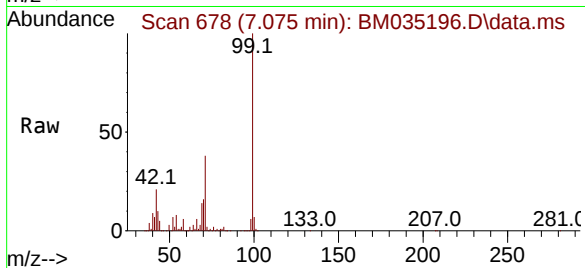




#7
Phenol-d6
Concen: 133.343 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035196.D
Acq: 23 May 2022 16:17

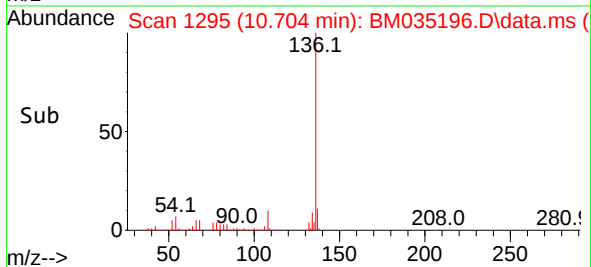
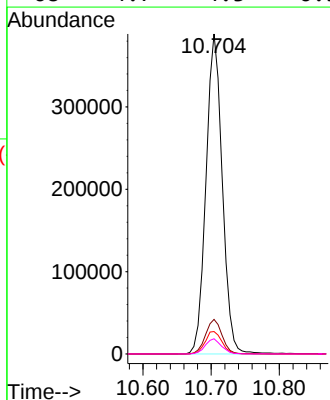
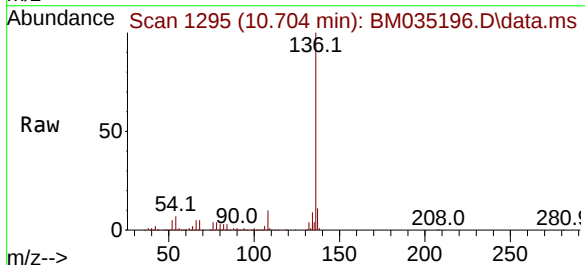
Instrument :
BNA_M
ClientSampleId :
PB144970BL

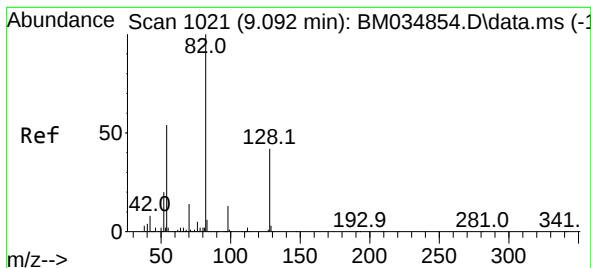
Tgt Ion: 99 Resp: 1596559
Ion Ratio Lower Upper
99 100
42 21.0 18.8 28.2
71 38.3 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM035196.D
Acq: 23 May 2022 16:17

Tgt Ion: 136 Resp: 647087
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.0 7.0 10.4
68 4.7 4.3 6.5





#23

Nitrobenzene-d5

Concen: 85.401 ng

RT: 9.063 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BM035196.D

Acq: 23 May 2022 16:17

Instrument :

BNA_M

ClientSampleId :

PB144970BL

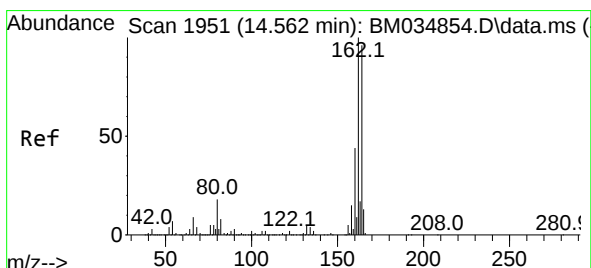
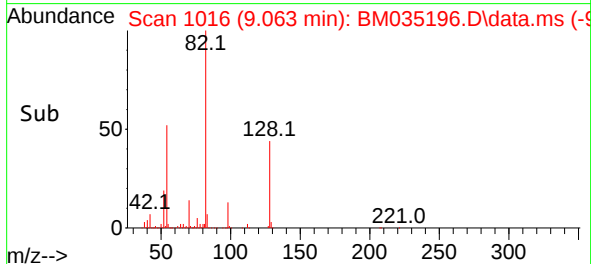
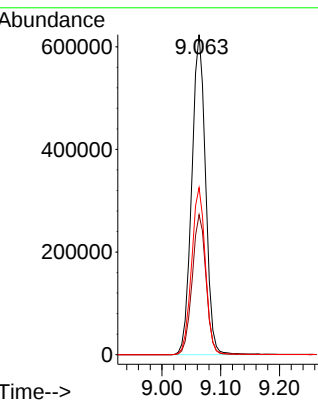
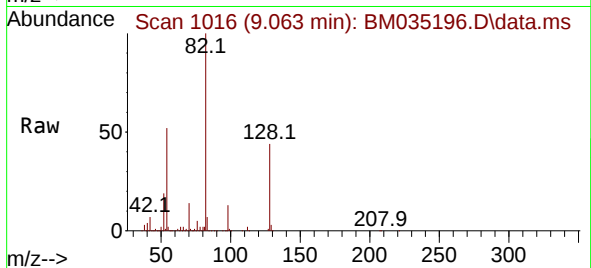
Tgt Ion: 82 Resp: 1023335

Ion Ratio Lower Upper

82 100

128 43.7 33.7 50.5

54 52.2 43.2 64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BM035196.D

Acq: 23 May 2022 16:17

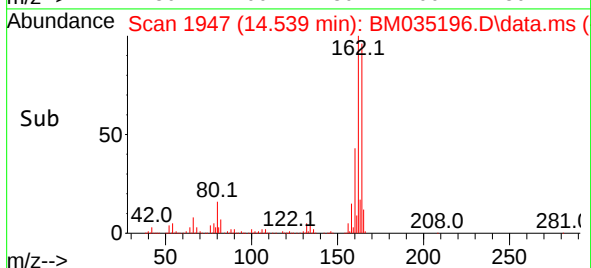
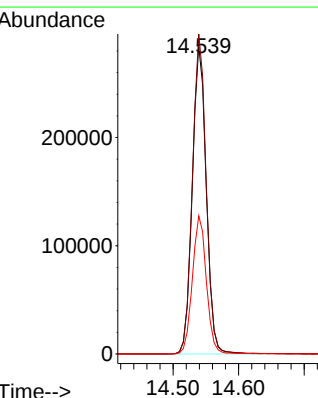
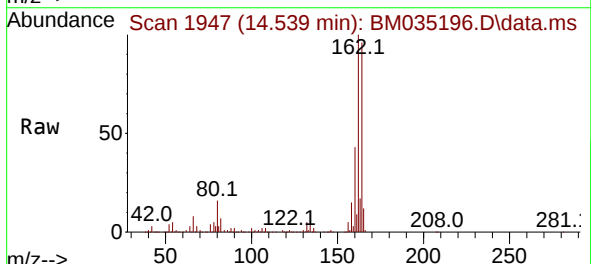
Tgt Ion: 164 Resp: 421498

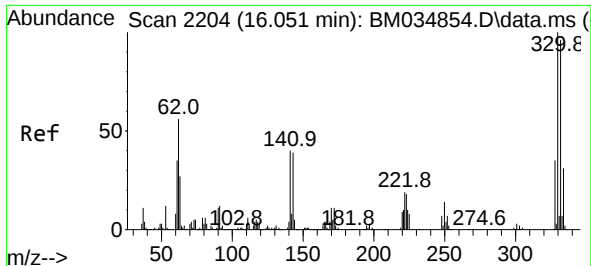
Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.6

160 44.9 37.0 55.4

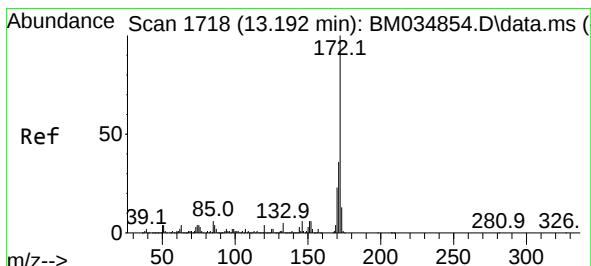
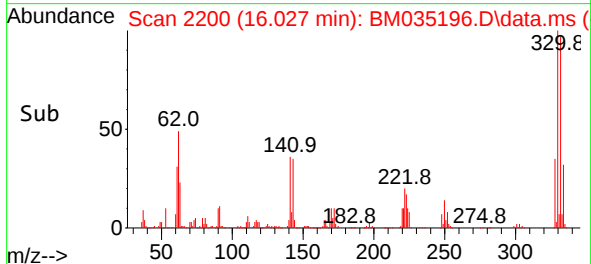
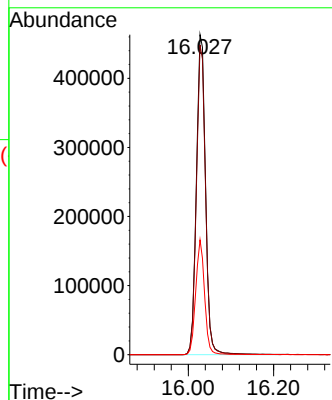
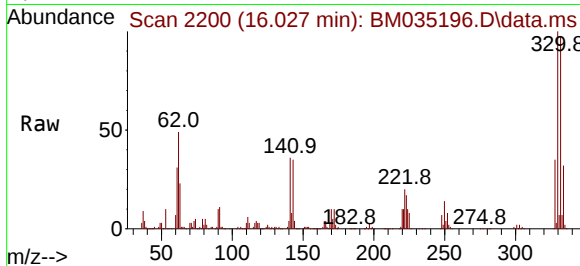




#42
2,4,6-Tribromophenol
Concen: 150.206 ng
RT: 16.027 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035196.D
Acq: 23 May 2022 16:17

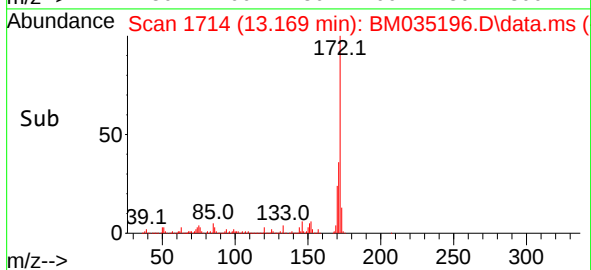
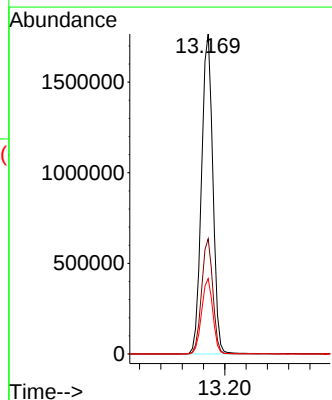
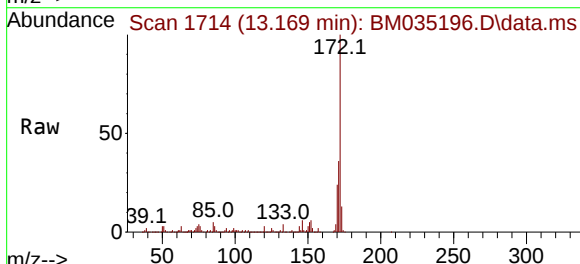
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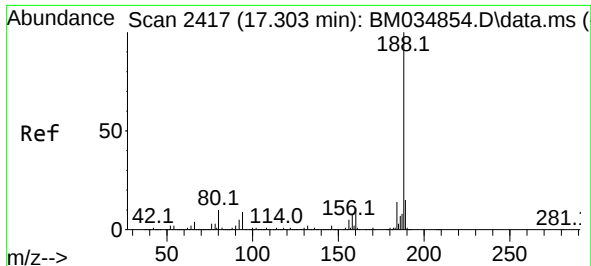
Tgt Ion:330 Resp: 688703
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 35.1 35.3 52.9#



#45
2-Fluorobiphenyl
Concen: 89.853 ng
RT: 13.169 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BM035196.D
Acq: 23 May 2022 16:17

Tgt Ion:172 Resp: 2608918
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.5 18.7 28.1

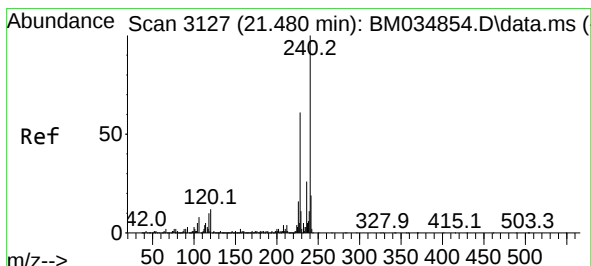
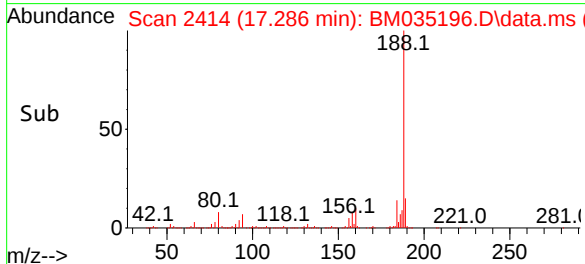
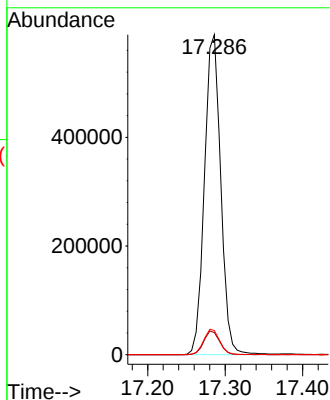
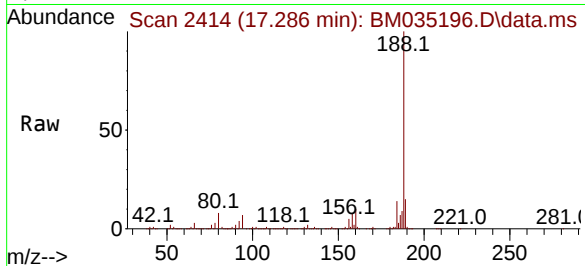




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM035196.D
Acq: 23 May 2022 16:17

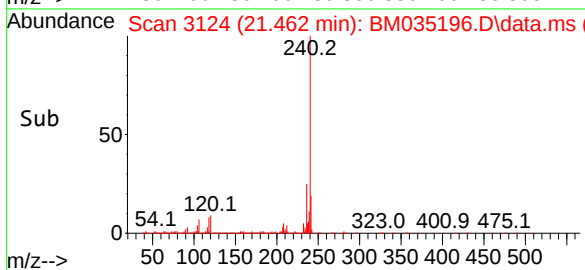
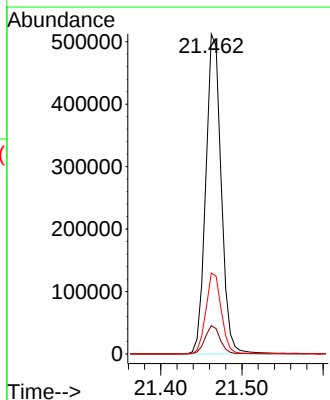
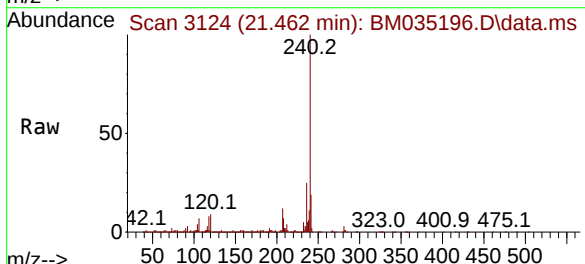
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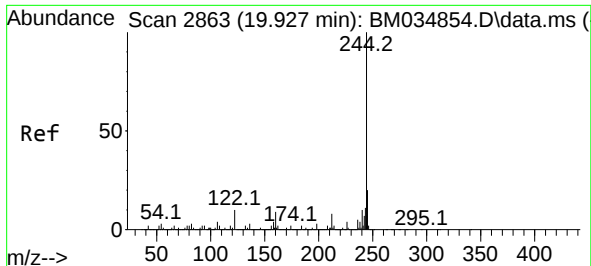
Tgt Ion:188 Resp: 859785
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.4#
80 7.5 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM035196.D
Acq: 23 May 2022 16:17

Tgt Ion:240 Resp: 673748
Ion Ratio Lower Upper
240 100
120 8.9 9.4 14.0#
236 25.3 20.6 30.8

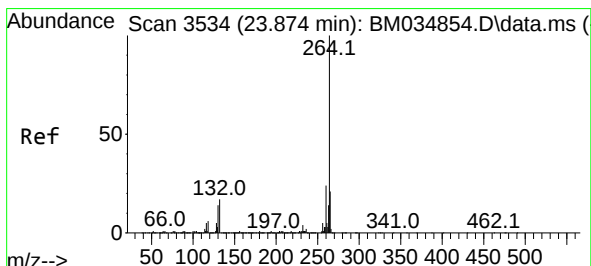
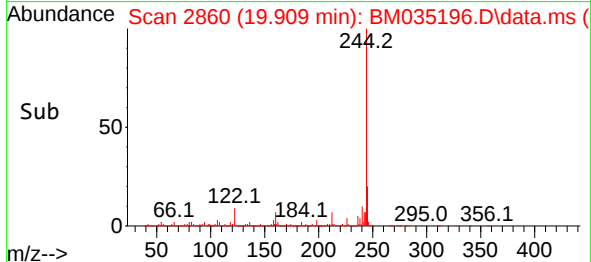
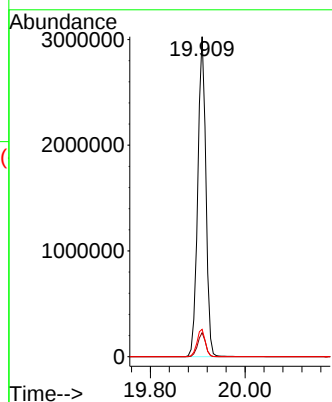
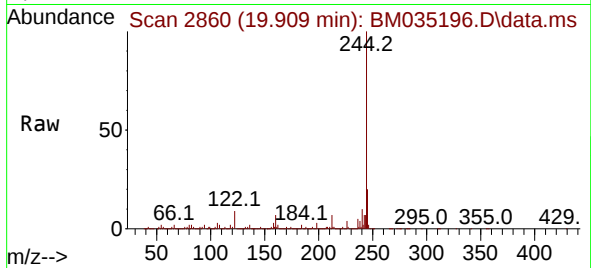




#79
 Terphenyl-d14
 Concen: 103.208 ng
 RT: 19.909 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035196.D
 Acq: 23 May 2022 16:17

Instrument :
 BNA_M
 ClientSampleId :
 PB144970BL

Tgt Ion:244 Resp: 3591362
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 8.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.850 min Scan# 3530
 Delta R.T. -0.006 min
 Lab File: BM035196.D
 Acq: 23 May 2022 16:17

Tgt Ion:264 Resp: 647232
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 22.3 17.5 26.3

