

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
 Data File : BM035236.D
 Acq On : 25 May 2022 10:42
 Operator : CG/JU
 Sample : PB145067BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB145067BL

Quant Time: May 26 04:53:47 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	7.892	152	156698	20.000	ng	-0.01
21) Naphthalene-d8	10.692	136	642532	20.000	ng	#-0.02
39) Acenaphthene-d10	14.527	164	434334	20.000	ng	-0.02
64) Phenanthrene-d10	17.274	188	937534	20.000	ng	#-0.01
76) Chrysene-d12	21.456	240	800143	20.000	ng	#-0.02
86) Perylene-d12	23.833	264	710561	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1200641	135.177	ng	-0.01
7) Phenol-d6	7.069	99	1540206	134.326	ng	0.00
23) Nitrobenzene-d5	9.051	82	1013823	85.207	ng	-0.01
42) 2,4,6-Tribromophenol	16.015	330	748156	158.351	ng	-0.02
45) 2-Fluorobiphenyl	13.157	172	2692802	90.002	ng	-0.01
79) Terphenyl-d14	19.903	244	4314304	104.399	ng	-0.01

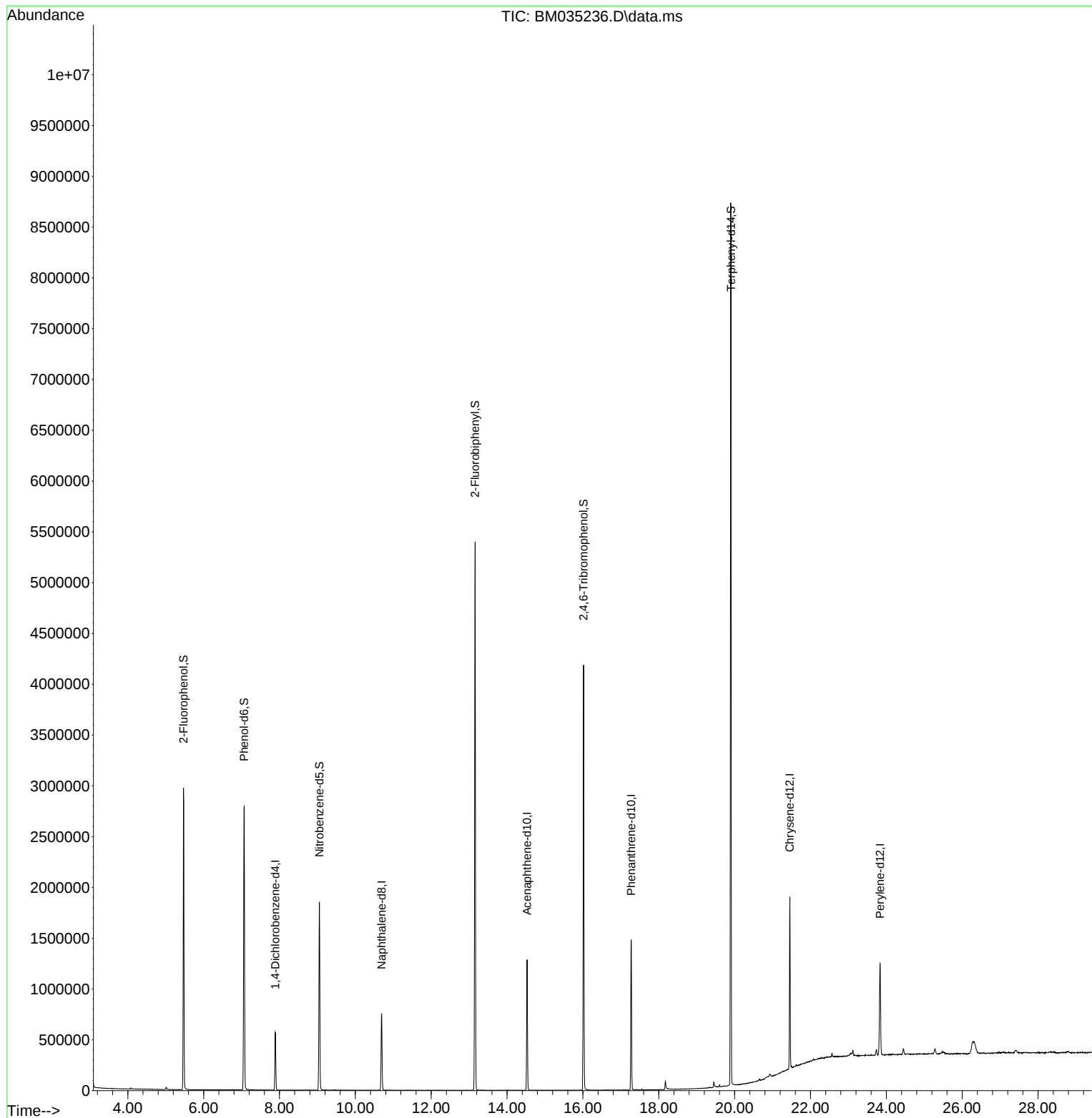
Target Compounds	Qvalue

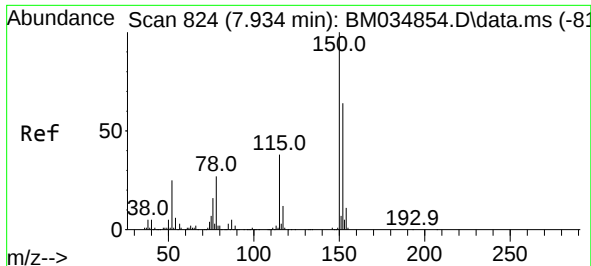
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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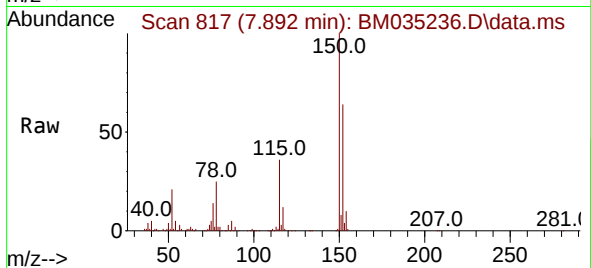
Quant Time: May 26 04:53:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
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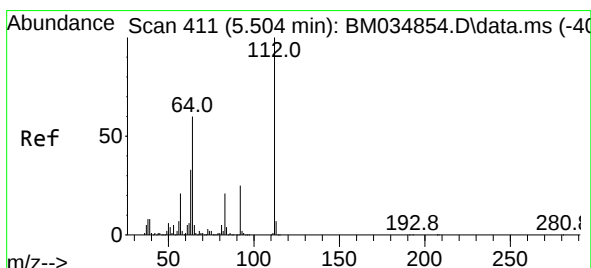
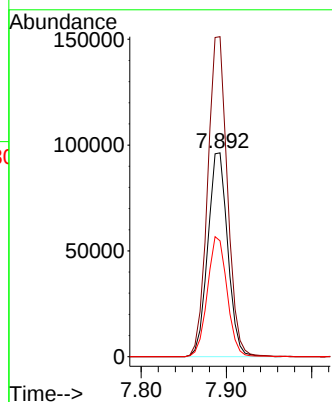
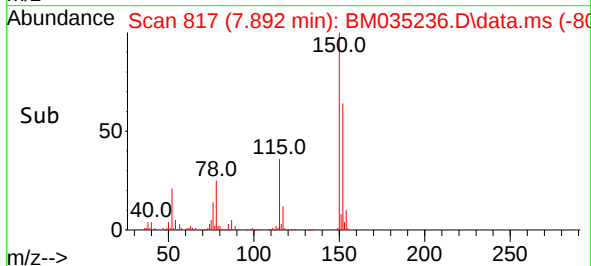


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.892 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM035236.D
Acq: 25 May 2022 10:42

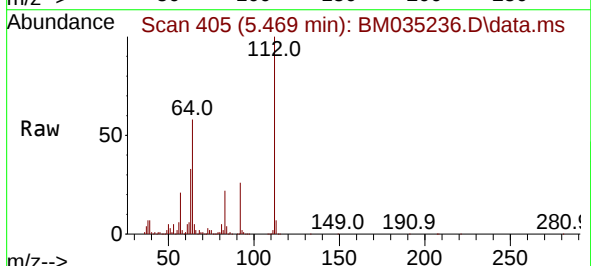
Instrument :
BNA_M
ClientSampleId :
PB145067BL



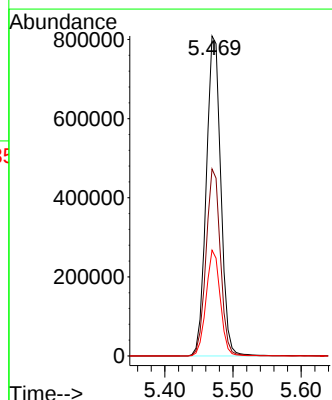
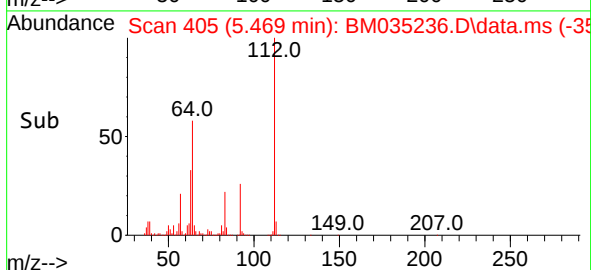
Tgt Ion:152 Resp: 156698
Ion Ratio Lower Upper
152 100
150 157.0 124.9 187.3
115 56.9 47.9 71.9

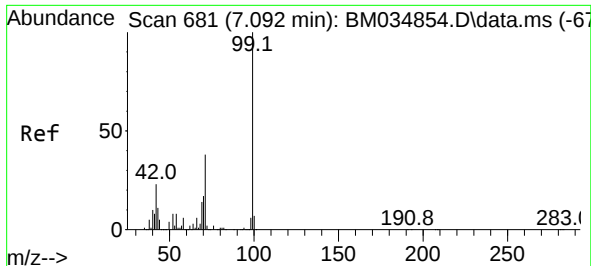


#5
2-Fluorophenol
Concen: 135.177 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.012 min
Lab File: BM035236.D
Acq: 25 May 2022 10:42



Tgt Ion:112 Resp: 1200641
Ion Ratio Lower Upper
112 100
64 58.4 47.8 71.6
63 33.1 26.6 40.0



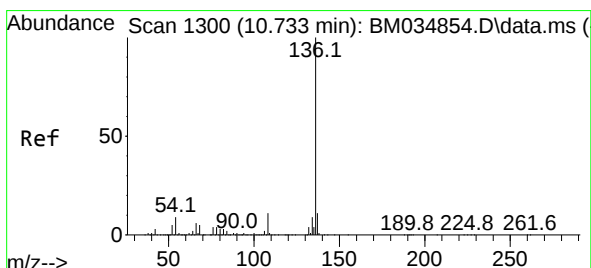
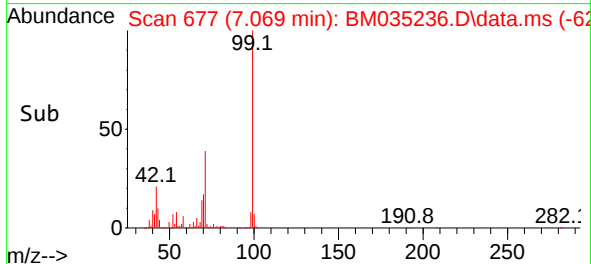
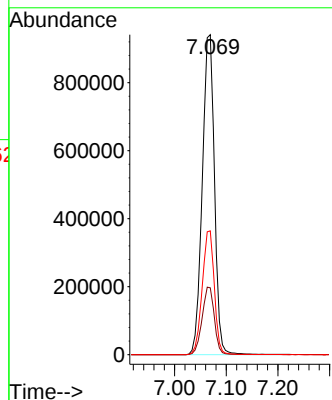
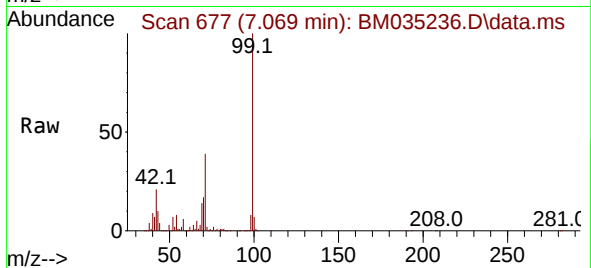


#7
Phenol-d6
Concen: 134.326 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035236.D
Acq: 25 May 2022 10:42

Instrument :
BNA_M
ClientSampleId :
PB145067BL

Tgt Ion: 99 Resp: 1540206

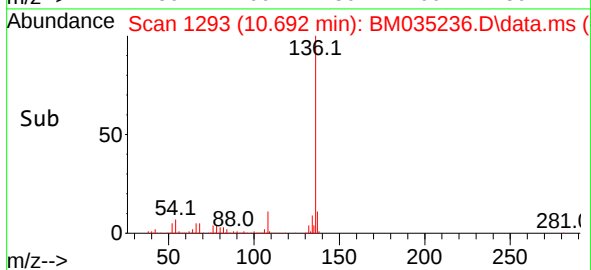
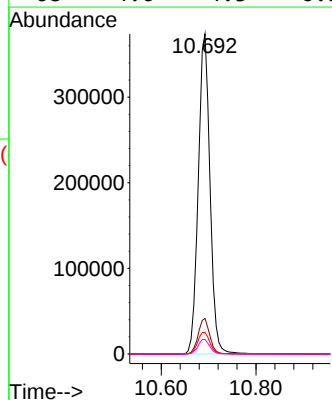
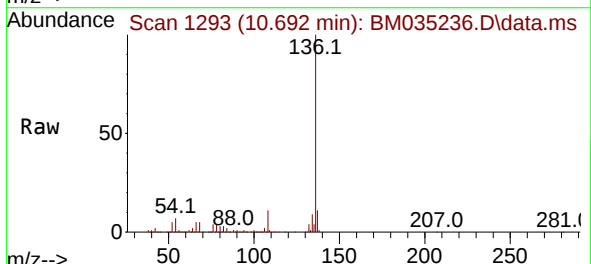
Ion	Ratio	Lower	Upper
99	100		
42	20.9	18.8	28.2
71	38.7	30.2	45.2

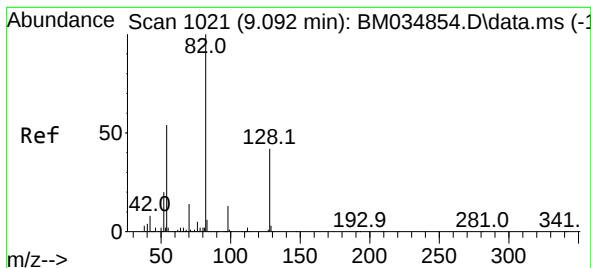


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.692 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BM035236.D
Acq: 25 May 2022 10:42

Tgt Ion: 136 Resp: 642532

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.7	7.0	10.4#
68	4.6	4.3	6.5





#23

Nitrobenzene-d5

Concen: 85.207 ng

RT: 9.051 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BM035236.D

Acq: 25 May 2022 10:42

Instrument :

BNA_M

ClientSampleId :

PB145067BL

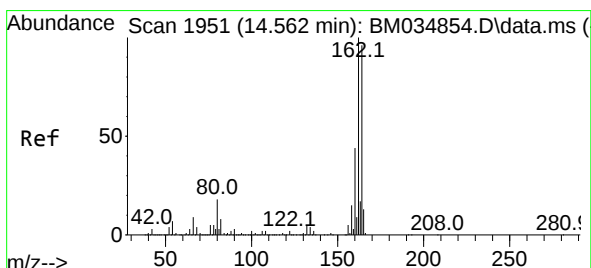
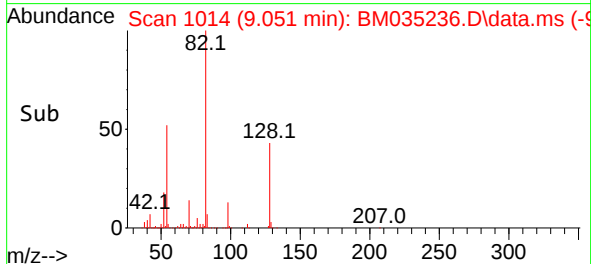
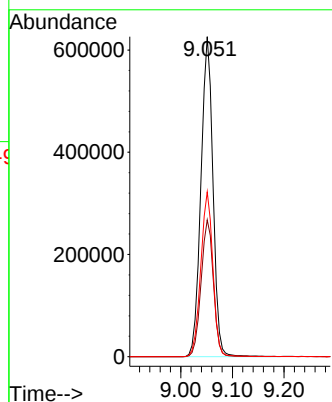
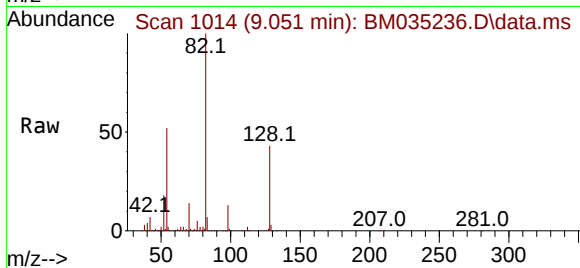
Tgt Ion: 82 Resp: 1013823

Ion Ratio Lower Upper

82 100

128 42.7 33.7 50.5

54 51.5 43.2 64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.527 min Scan# 1945

Delta R.T. -0.018 min

Lab File: BM035236.D

Acq: 25 May 2022 10:42

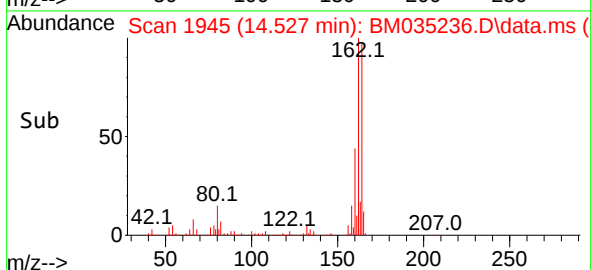
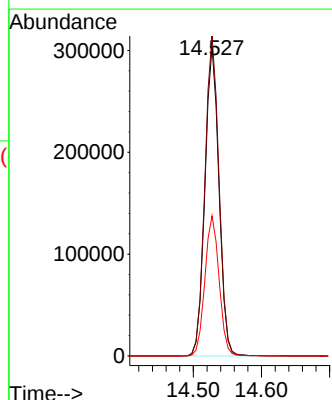
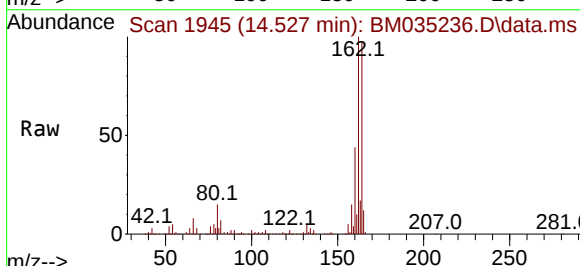
Tgt Ion: 164 Resp: 434334

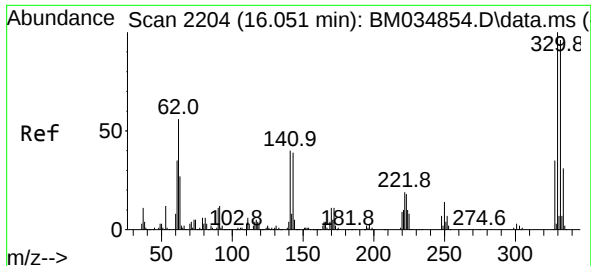
Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.6

160 45.4 37.0 55.4

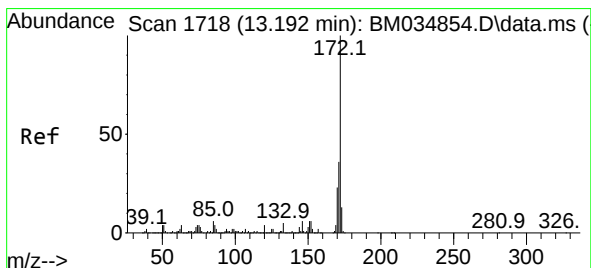
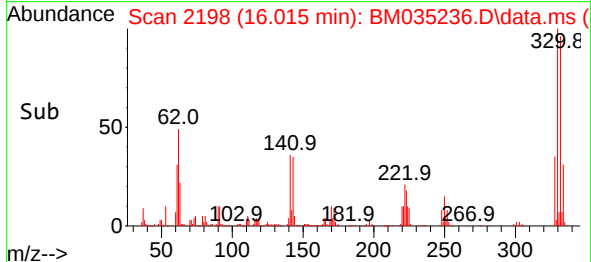
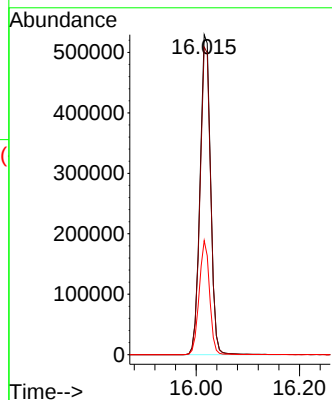
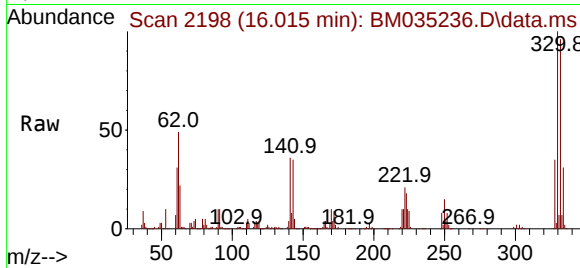




#42
2,4,6-Tribromophenol
Concen: 158.351 ng
RT: 16.015 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM035236.D
Acq: 25 May 2022 10:42

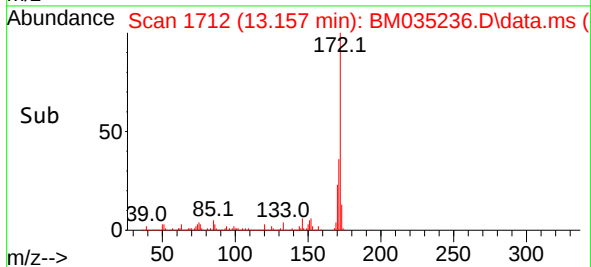
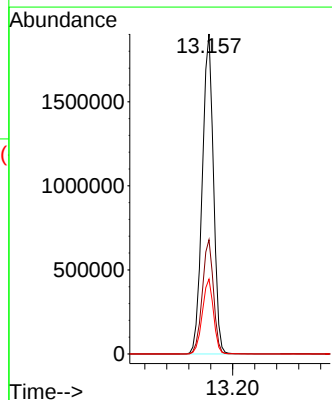
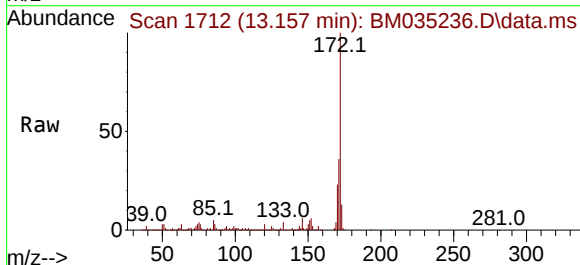
Instrument :
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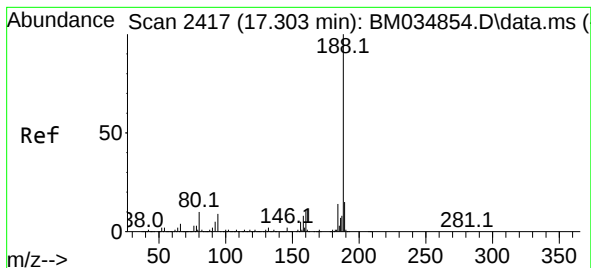
Tgt Ion:330 Resp: 748156
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 35.2 35.3 52.9#



#45
2-Fluorobiphenyl
Concen: 90.002 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM035236.D
Acq: 25 May 2022 10:42

Tgt Ion:172 Resp: 2692802
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.274 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BM035236.D

Acq: 25 May 2022 10:42

Instrument :

BNA_M

ClientSampleId :

PB145067BL

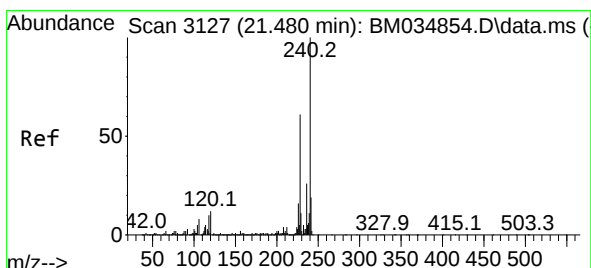
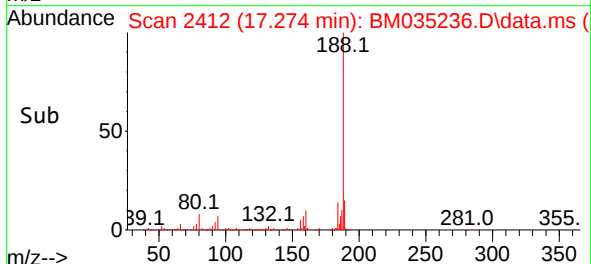
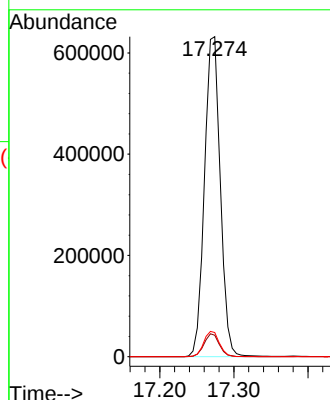
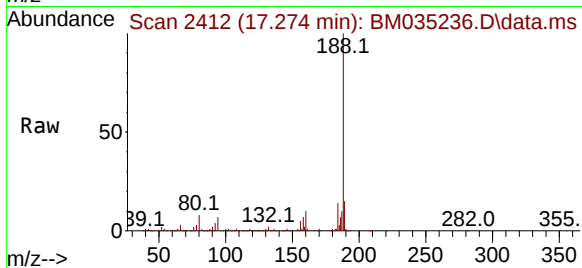
Tgt Ion:188 Resp: 937534

Ion Ratio Lower Upper

188 100

94 6.7 7.0 10.4#

80 7.5 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.456 min Scan# 3123

Delta R.T. -0.018 min

Lab File: BM035236.D

Acq: 25 May 2022 10:42

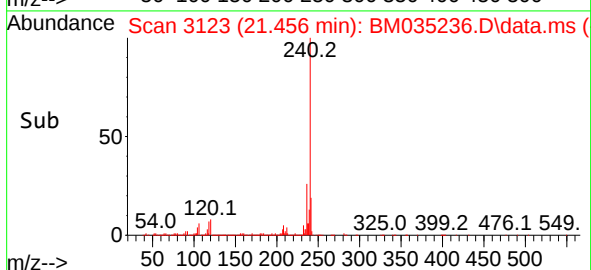
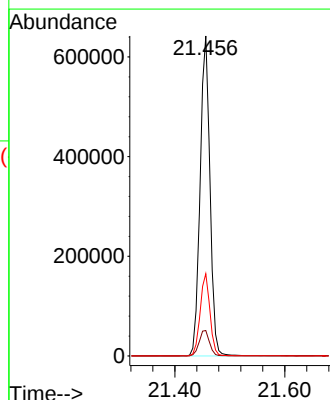
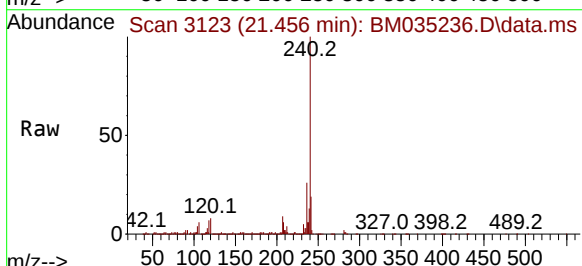
Tgt Ion:240 Resp: 800143

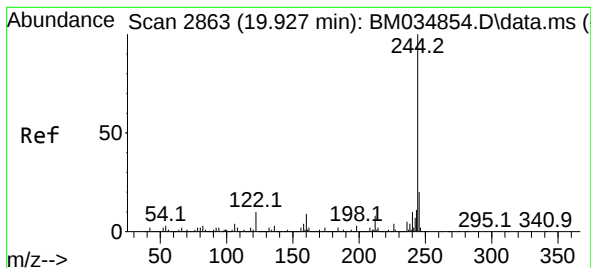
Ion Ratio Lower Upper

240 100

120 8.0 9.4 14.0#

236 25.7 20.6 30.8





#79

Terphenyl-d14

Concen: 104.399 ng

RT: 19.903 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM035236.D

Acq: 25 May 2022 10:42

Instrument :

BNA_M

ClientSampleId :

PB145067BL

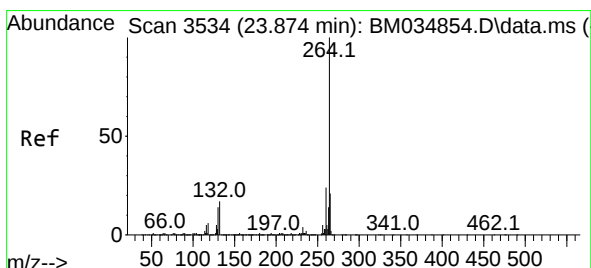
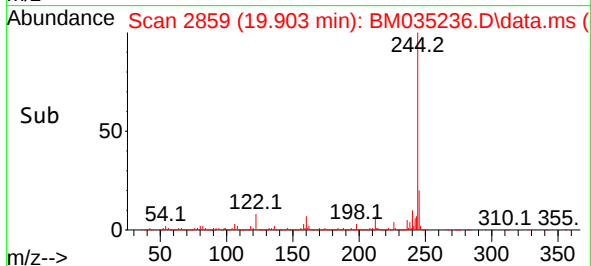
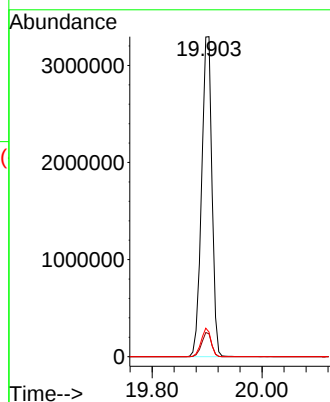
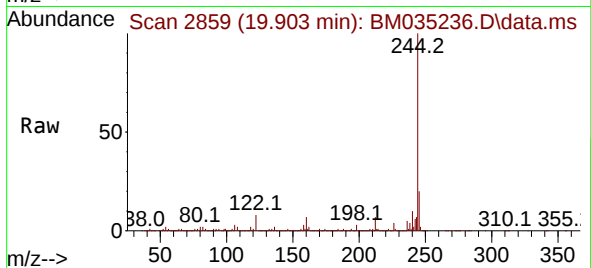
Tgt Ion:244 Resp: 4314304

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.4

122 7.7 8.3 12.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.833 min Scan# 3527

Delta R.T. -0.024 min

Lab File: BM035236.D

Acq: 25 May 2022 10:42

Tgt Ion:264 Resp: 710561

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.3 17.5 26.3

