

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052422\
 Data File : BM035219.D
 Acq On : 24 May 2022 15:07
 Operator : CG/JU
 Sample : N2981-21
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TGMP-1

Quant Time: May 25 05:43:11 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	7.899	152	121450	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	455730	20.000	ng	# 0.00
39) Acenaphthene-d10	14.539	164	273777	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	582040	20.000	ng	0.00
76) Chrysene-d12	21.463	240	611596	20.000	ng	#-0.01
86) Perylene-d12	23.851	264	676534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	511990	74.373	ng	0.00
7) Phenol-d6	7.069	99	403383	45.391	ng	0.00
23) Nitrobenzene-d5	9.057	82	805111	95.402	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	510904	171.551	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1936259	102.668	ng	0.00
79) Terphenyl-d14	19.910	244	3076933	97.410	ng	0.00

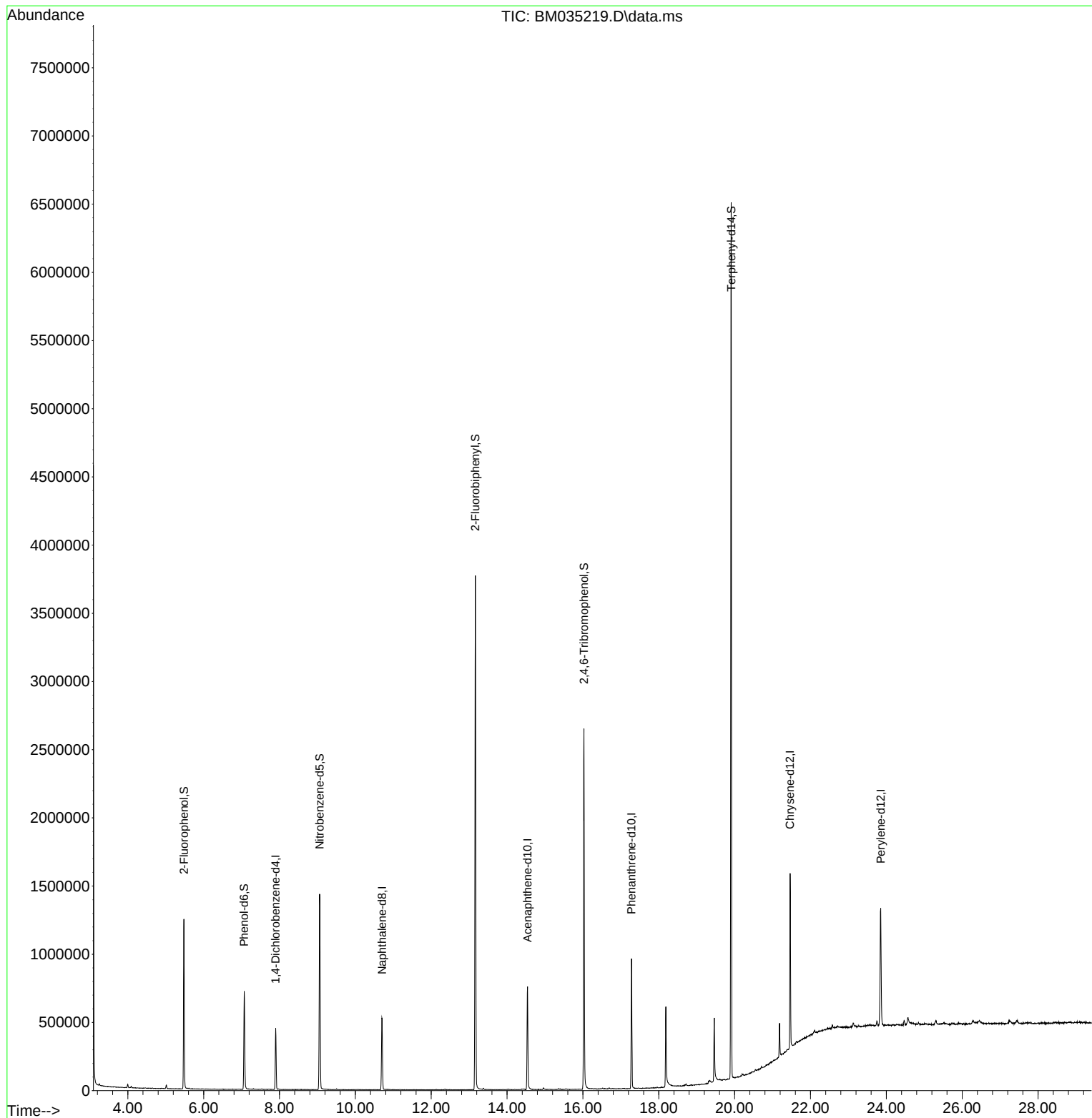
Target Compounds	Qvalue

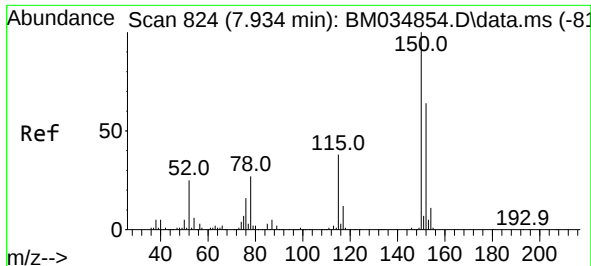
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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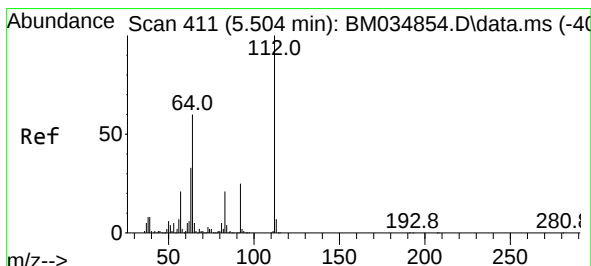
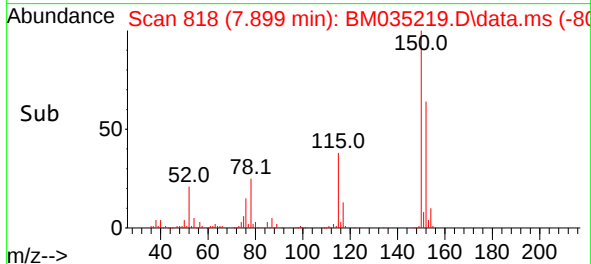
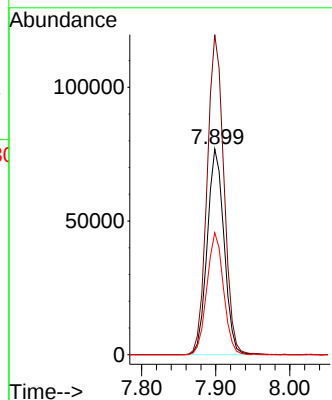
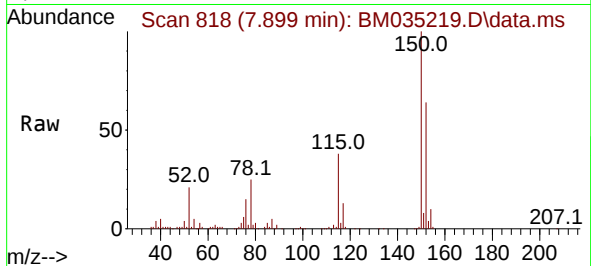




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.005 min
Lab File: BM035219.D
Acq: 24 May 2022 15:07

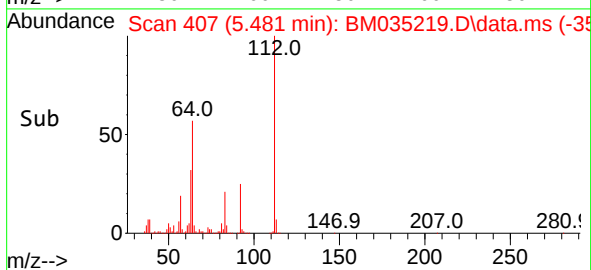
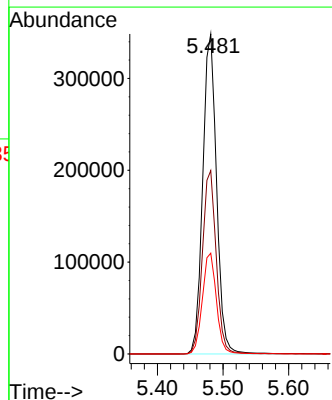
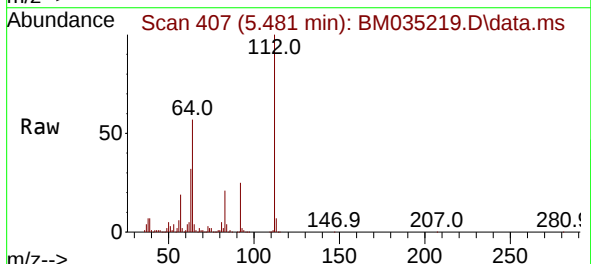
Instrument :
BNA_M
ClientSampleId :
TGMP-1

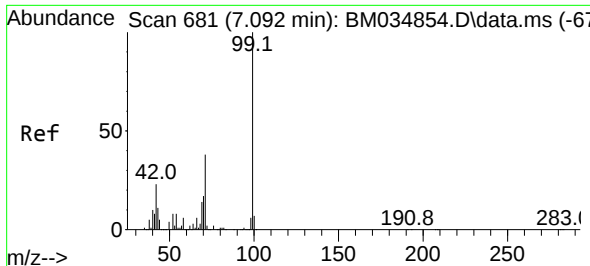
Tgt Ion:152 Resp: 121450
Ion Ratio Lower Upper
152 100
150 155.6 124.9 187.3
115 59.3 47.9 71.9



#5
2-Fluorophenol
Concen: 74.373 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM035219.D
Acq: 24 May 2022 15:07

Tgt Ion:112 Resp: 511990
Ion Ratio Lower Upper
112 100
64 57.3 47.8 71.6
63 31.5 26.6 40.0

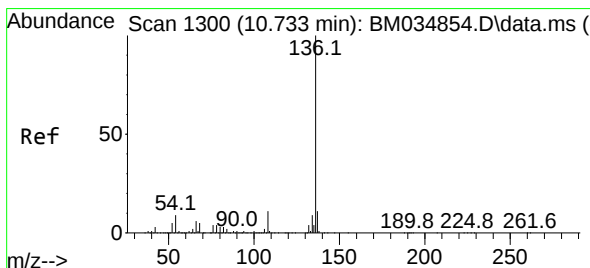
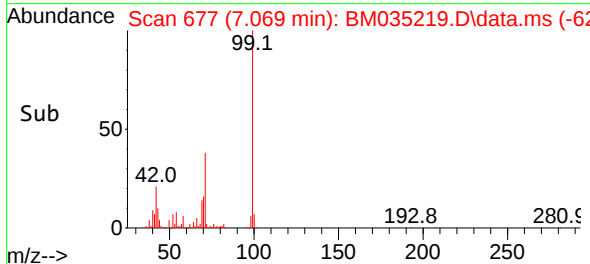
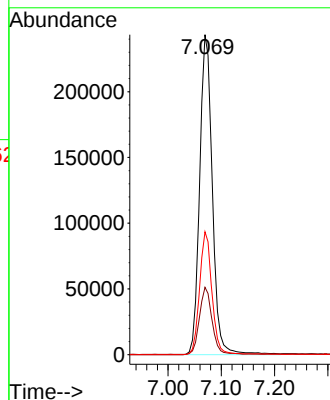
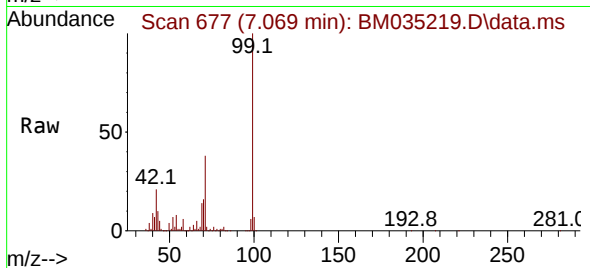




#7
Phenol-d6
Concen: 45.391 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035219.D
Acq: 24 May 2022 15:07

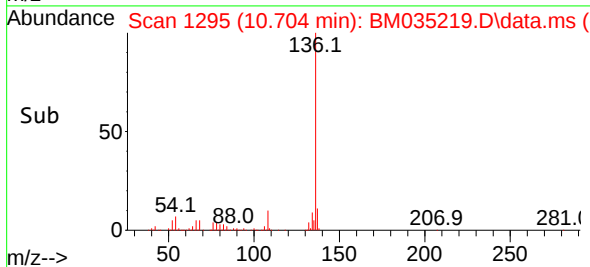
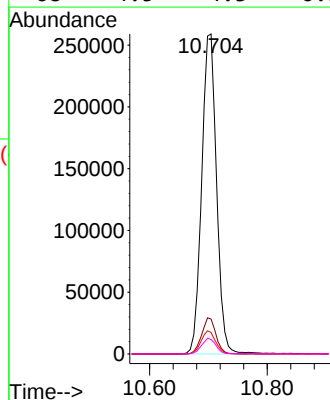
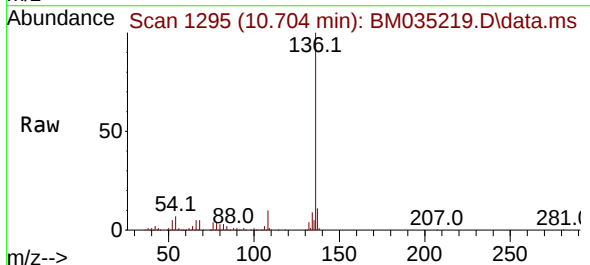
Instrument :
BNA_M
ClientSampleId :
TGMP-1

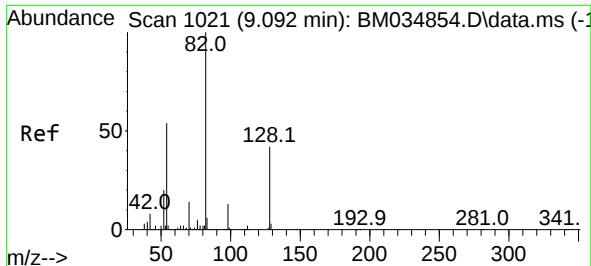
Tgt Ion: 99 Resp: 403383
Ion Ratio Lower Upper
99 100
42 21.0 18.8 28.2
71 38.4 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM035219.D
Acq: 24 May 2022 15:07

Tgt Ion: 136 Resp: 455730
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.7 7.0 10.4#
68 4.5 4.3 6.5

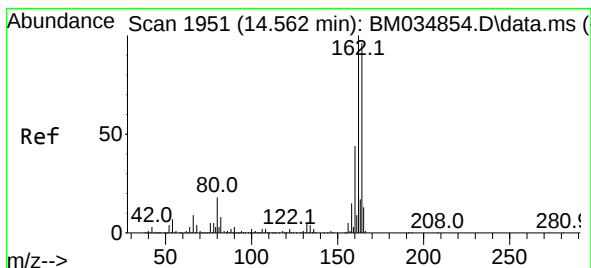
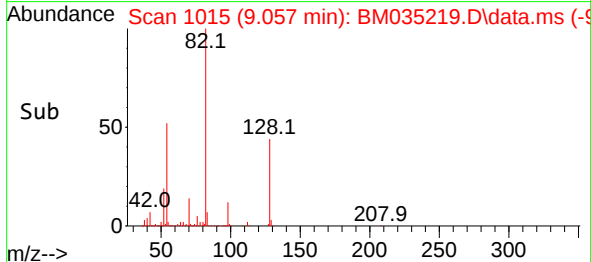
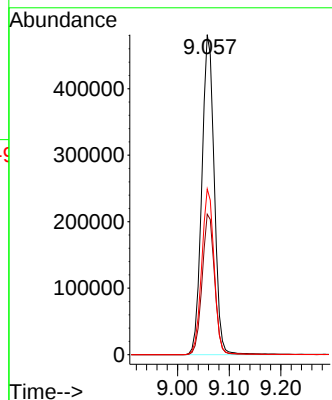
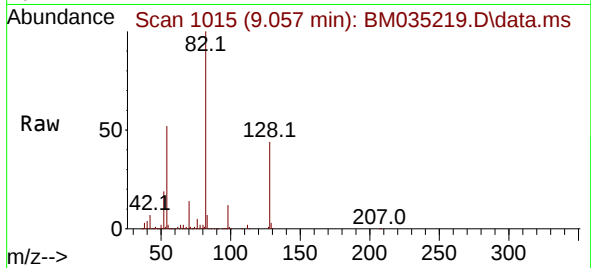




#23
Nitrobenzene-d5
Concen: 95.402 ng
RT: 9.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM035219.D
Acq: 24 May 2022 15:07

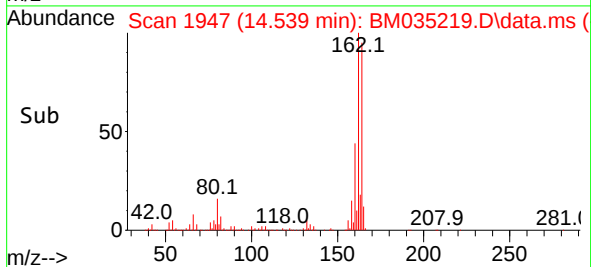
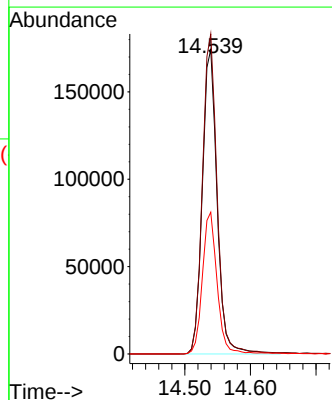
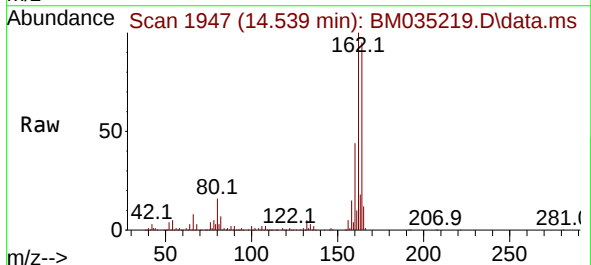
Instrument :
BNA_M
ClientSampleId :
TGMP-1

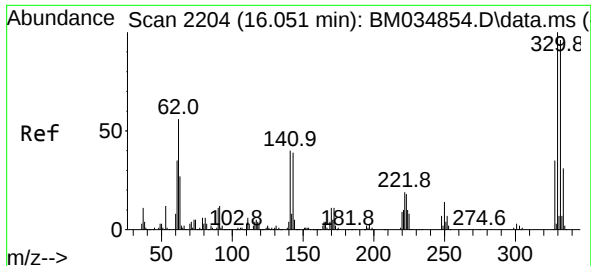
Tgt Ion: 82 Resp: 805111
Ion Ratio Lower Upper
82 100
128 43.9 33.7 50.5
54 51.8 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM035219.D
Acq: 24 May 2022 15:07

Tgt Ion: 164 Resp: 273777
Ion Ratio Lower Upper
164 100
162 105.0 83.0 124.6
160 46.6 37.0 55.4

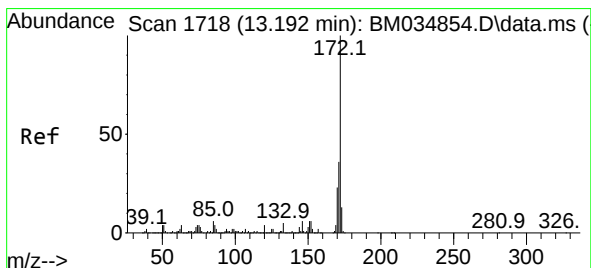
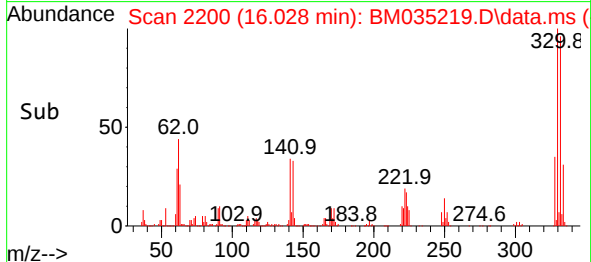
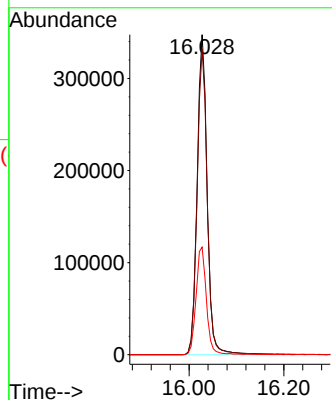
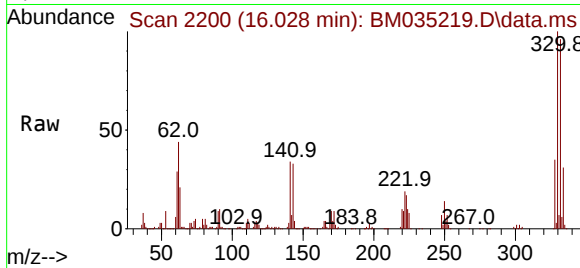




#42
2,4,6-Tribromophenol
Concen: 171.551 ng
RT: 16.028 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035219.D
Acq: 24 May 2022 15:07

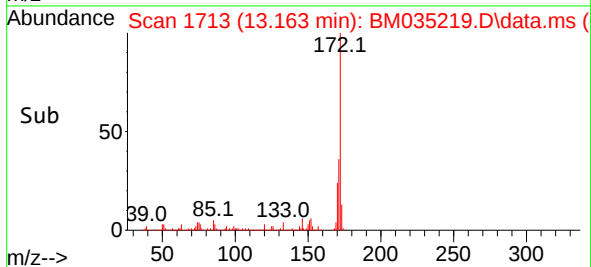
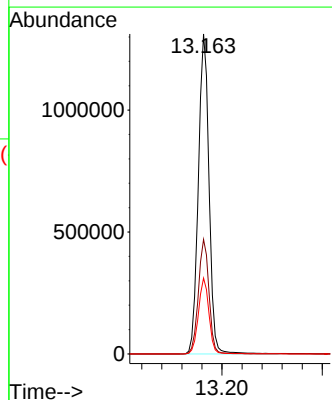
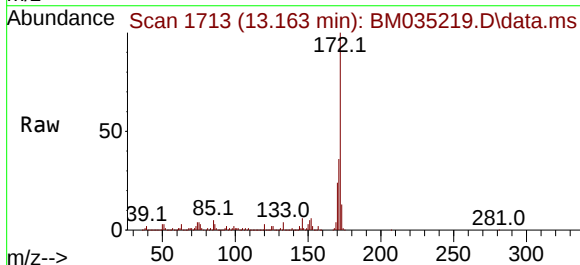
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BNA_M
ClientSampleId :
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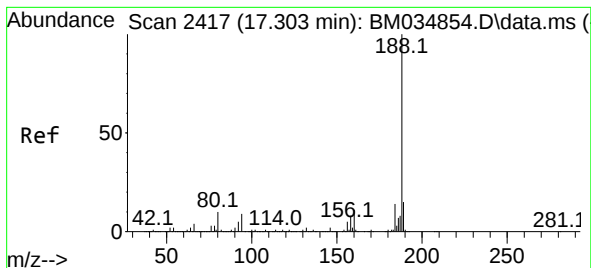
Tgt Ion:330 Resp: 510904
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 34.8 35.3 52.9#



#45
2-Fluorobiphenyl
Concen: 102.668 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM035219.D
Acq: 24 May 2022 15:07

Tgt Ion:172 Resp: 1936259
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.7 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.280 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BM035219.D

Acq: 24 May 2022 15:07

Instrument :

BNA_M

ClientSampleId :

TGMP-1

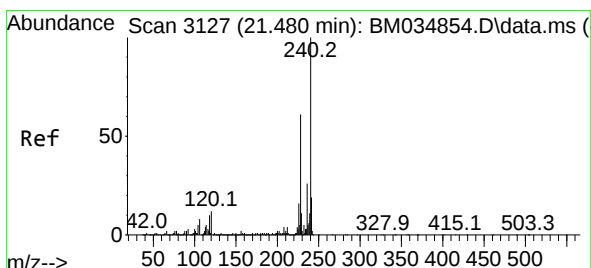
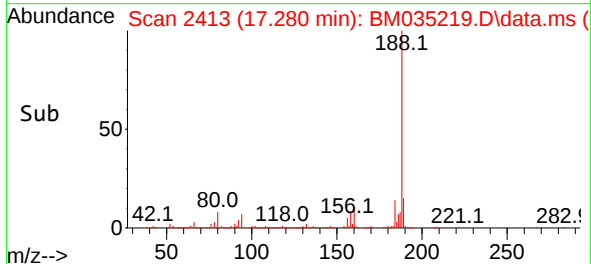
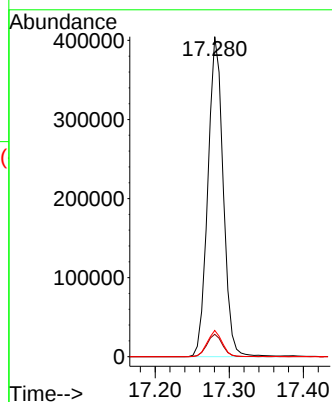
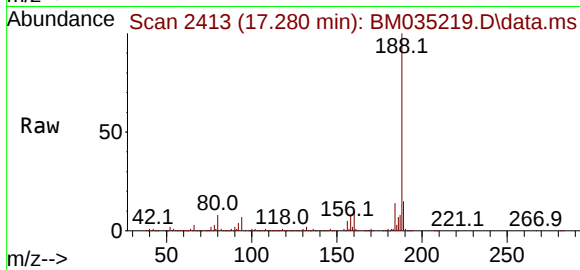
Tgt Ion:188 Resp: 582040

Ion Ratio Lower Upper

188 100

94 7.0 7.0 10.4

80 8.2 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.463 min Scan# 3124

Delta R.T. -0.011 min

Lab File: BM035219.D

Acq: 24 May 2022 15:07

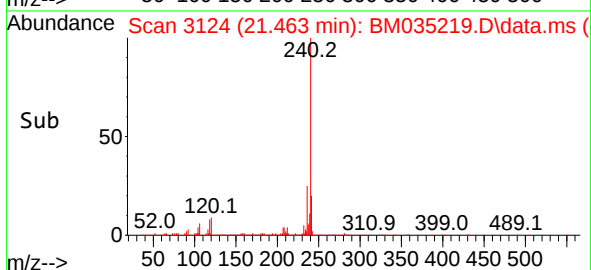
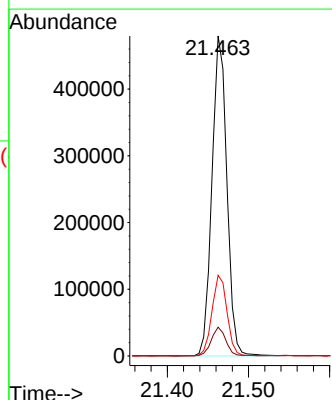
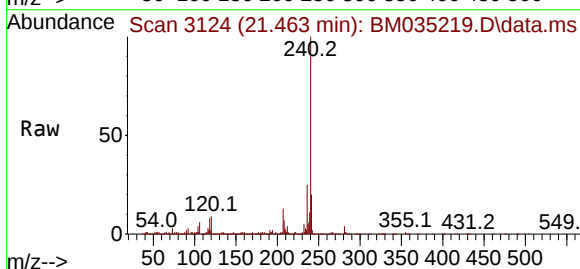
Tgt Ion:240 Resp: 611596

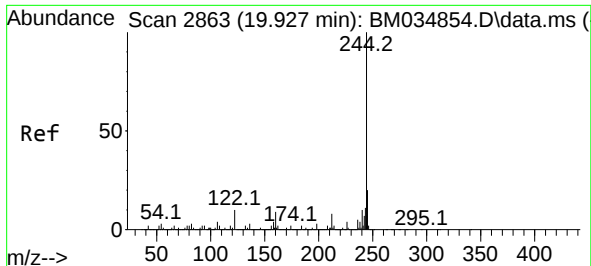
Ion Ratio Lower Upper

240 100

120 9.0 9.4 14.0#

236 25.2 20.6 30.8

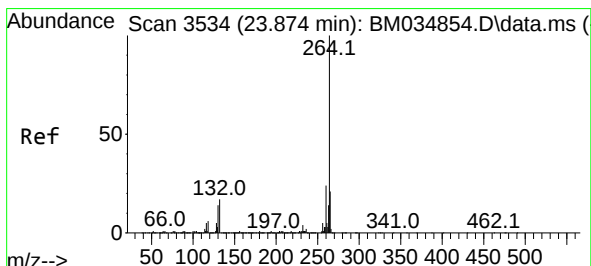
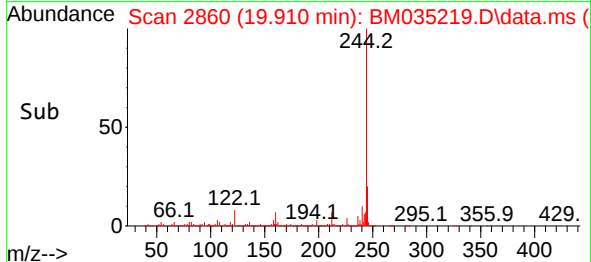
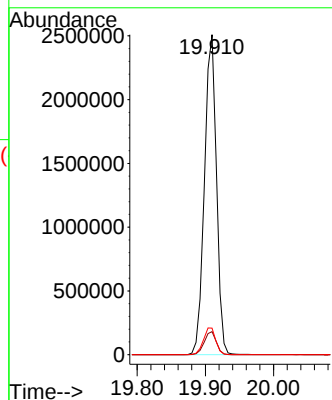
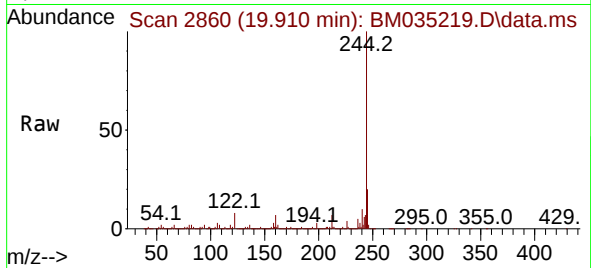




#79
 Terphenyl-d14
 Concen: 97.410 ng
 RT: 19.910 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035219.D
 Acq: 24 May 2022 15:07

Instrument :
 BNA_M
 ClientSampleId :
 TGMP-1

Tgt Ion:244 Resp: 3076933
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 8.3 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.851 min Scan# 3530
 Delta R.T. -0.006 min
 Lab File: BM035219.D
 Acq: 24 May 2022 15:07

Tgt Ion:264 Resp: 676534
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.9 28.3
 265 22.1 17.5 26.3

