

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052322\
 Data File : BM035209.D
 Acq On : 24 May 2022 00:14
 Operator : CG/JU
 Sample : N2874-21
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P007-SS005-0006-01

Quant Time: May 24 03:18:44 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	170266	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	648536	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	394105	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	836371	20.000	ng	0.00
76) Chrysene-d12	21.462	240	833062	20.000	ng	-0.01
86) Perylene-d12	23.844	264	880170	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	845287	87.585	ng	0.00
7) Phenol-d6	7.075	99	1082853	86.914	ng	0.00
23) Nitrobenzene-d5	9.057	82	701875	58.443	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	439830	102.595	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1578524	58.144	ng	0.00
79) Terphenyl-d14	19.904	244	2487752	57.820	ng	-0.01

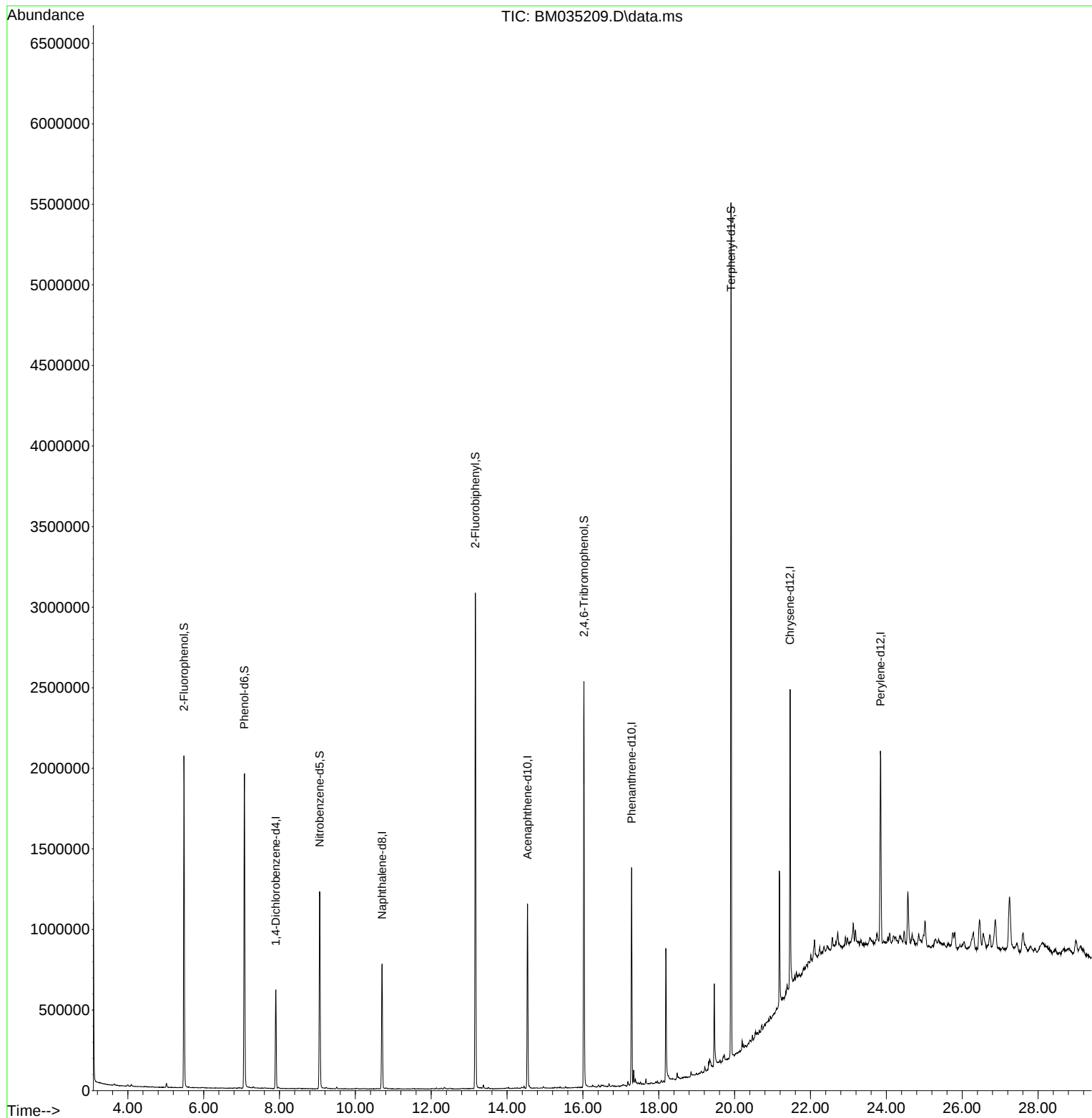
Target Compounds	Qvalue

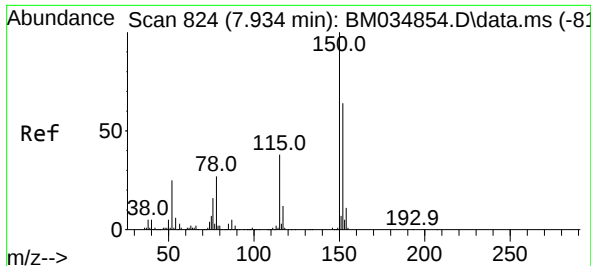
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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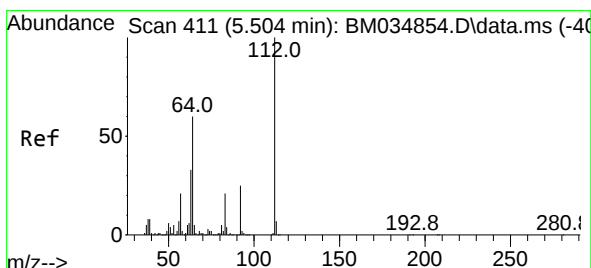
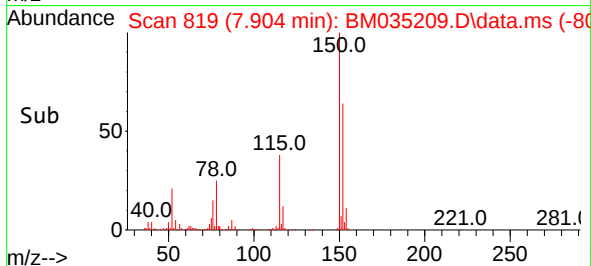
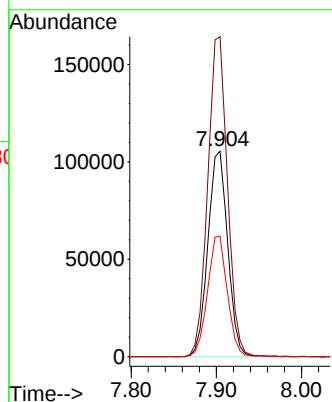
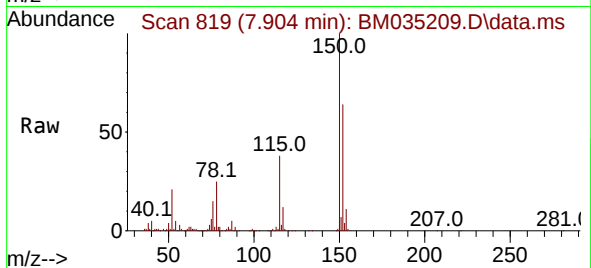




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM035209.D
Acq: 24 May 2022 00:14

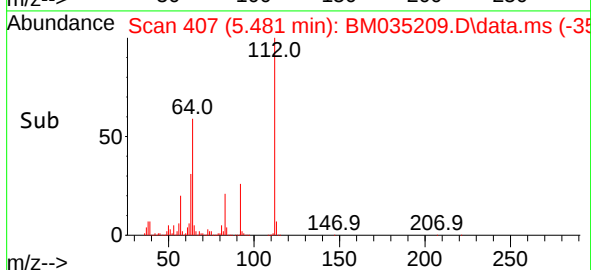
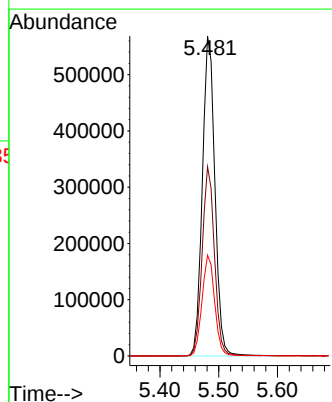
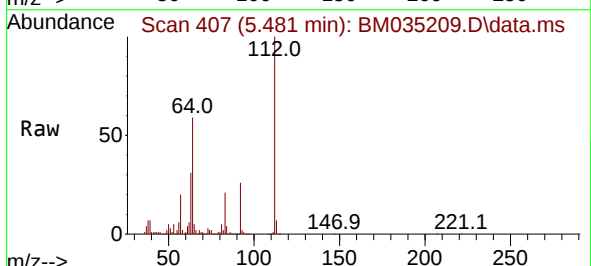
Instrument :
BNA_M
ClientSampleId :
P007-SS005-0006-01

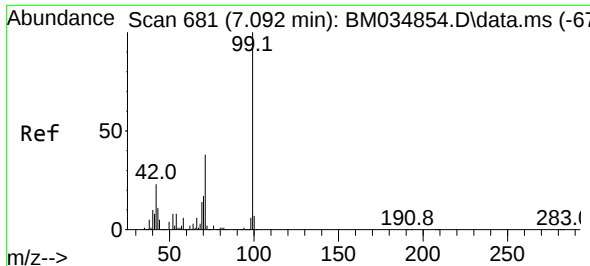
Tgt Ion:152 Resp: 170266
Ion Ratio Lower Upper
152 100
150 155.8 124.9 187.3
115 58.7 47.9 71.9



#5
2-Fluorophenol
Concen: 87.585 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM035209.D
Acq: 24 May 2022 00:14

Tgt Ion:112 Resp: 845287
Ion Ratio Lower Upper
112 100
64 59.1 47.8 71.6
63 31.5 26.6 40.0



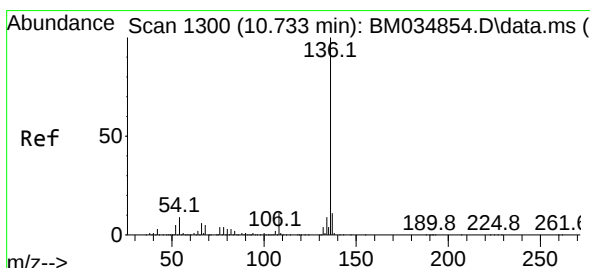
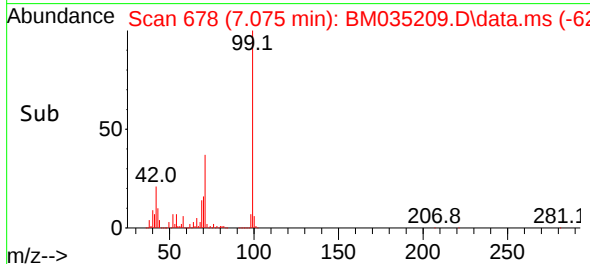
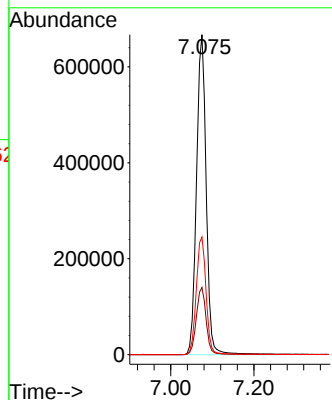
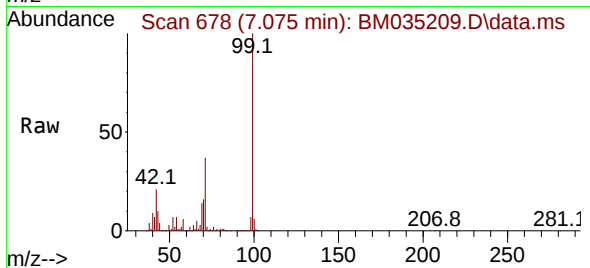


#7
Phenol-d6
Concen: 86.914 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035209.D
Acq: 24 May 2022 00:14

Instrument :
BNA_M
ClientSampleId :
P007-SS005-0006-01

Tgt Ion: 99 Resp: 1082853

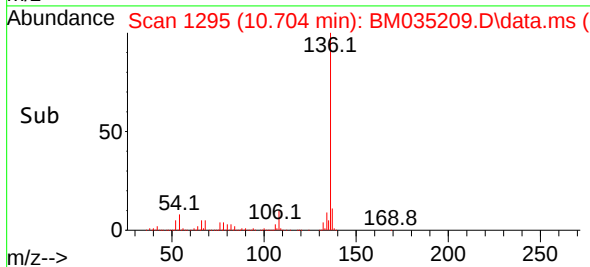
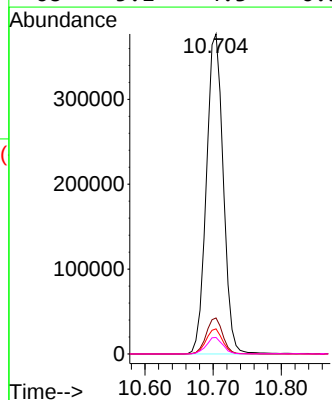
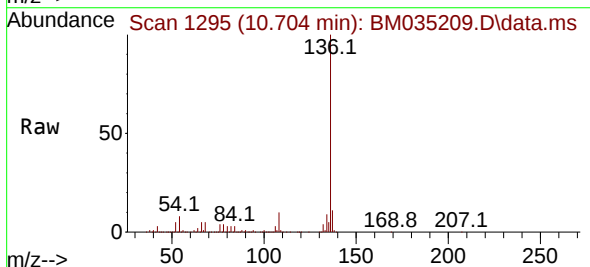
Ion	Ratio	Lower	Upper
99	100		
42	21.0	18.8	28.2
71	36.8	30.2	45.2

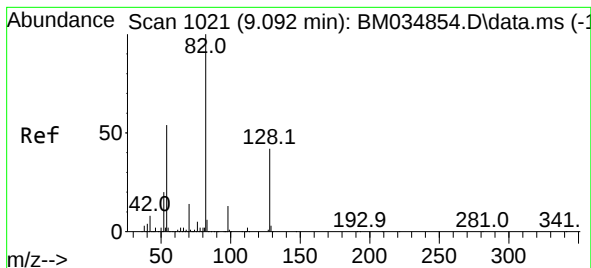


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM035209.D
Acq: 24 May 2022 00:14

Tgt Ion: 136 Resp: 648536

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.9	7.0	10.4
68	5.1	4.3	6.5





#23

Nitrobenzene-d5

Concen: 58.443 ng

RT: 9.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035209.D

Acq: 24 May 2022 00:14

Instrument :

BNA_M

ClientSampleId :

P007-SS005-0006-01

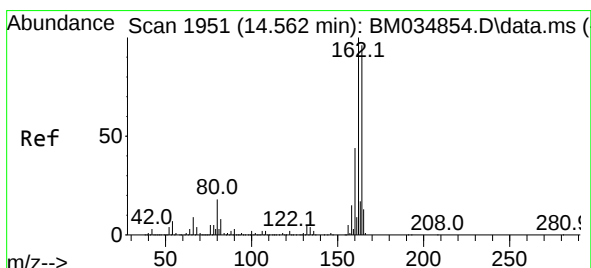
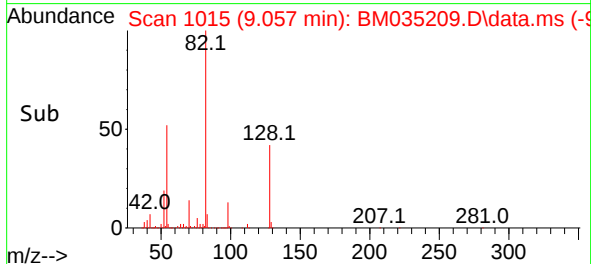
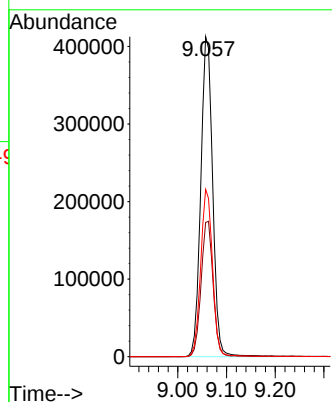
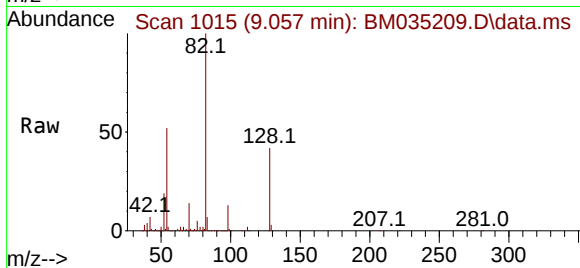
Tgt Ion: 82 Resp: 701875

Ion Ratio Lower Upper

82 100

128 42.0 33.7 50.5

54 52.3 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: BM035209.D

Acq: 24 May 2022 00:14

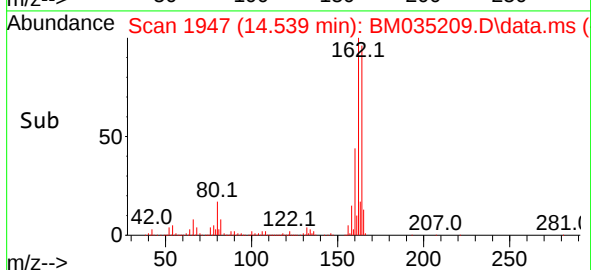
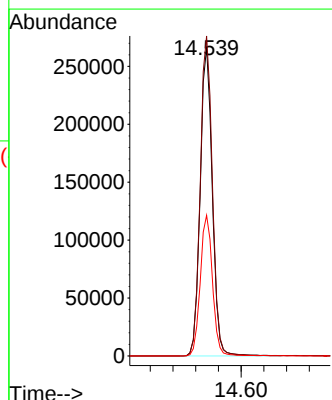
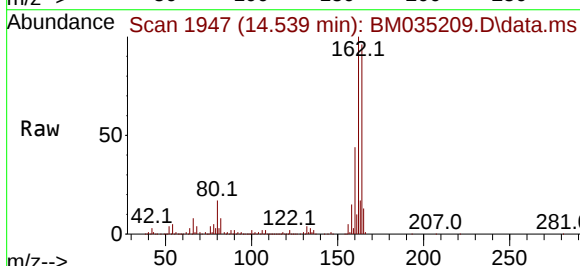
Tgt Ion: 164 Resp: 394105

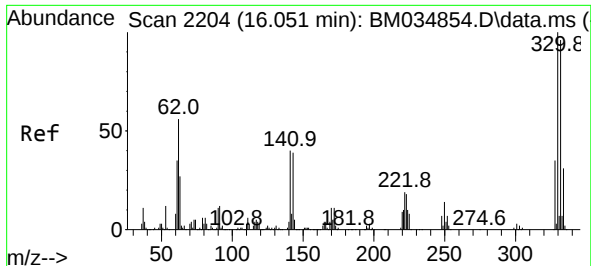
Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.6

160 45.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 102.595 ng

RT: 16.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035209.D

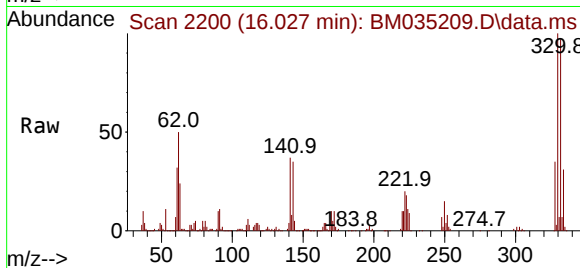
Acq: 24 May 2022 00:14

Instrument :

BNA_M

ClientSampleId :

P007-SS005-0006-01



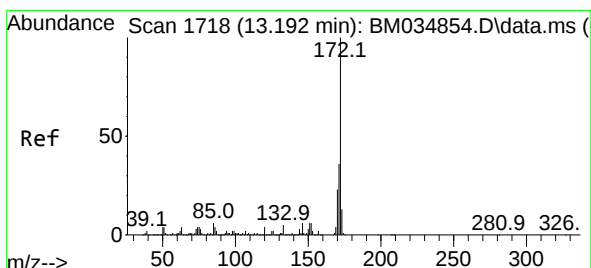
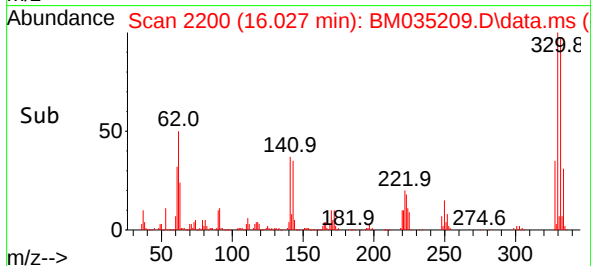
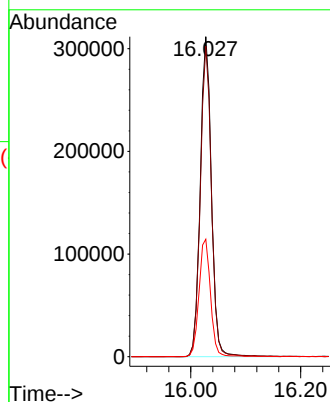
Tgt Ion:330 Resp: 439830

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.4

141 37.9 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 58.144 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BM035209.D

Acq: 24 May 2022 00:14

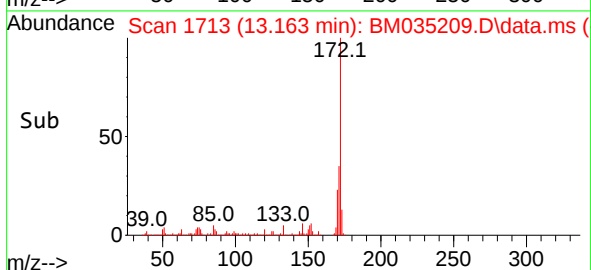
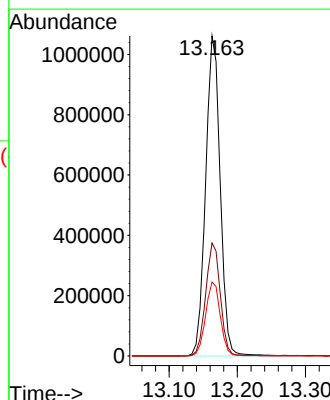
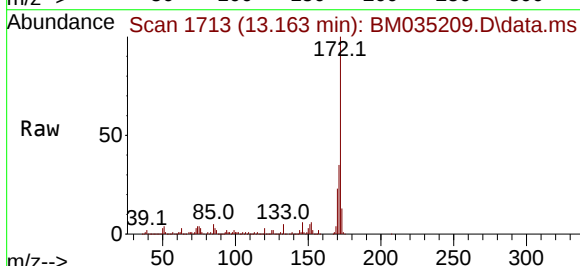
Tgt Ion:172 Resp: 1578524

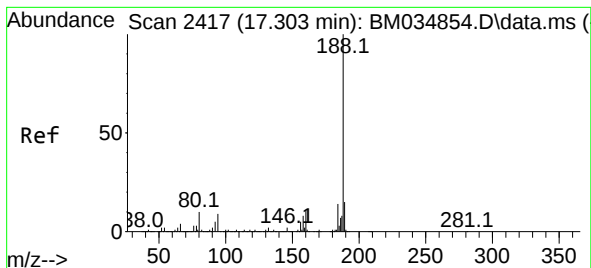
Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 23.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.286 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BM035209.D

Acq: 24 May 2022 00:14

Instrument :

BNA_M

ClientSampleId :

P007-SS005-0006-01

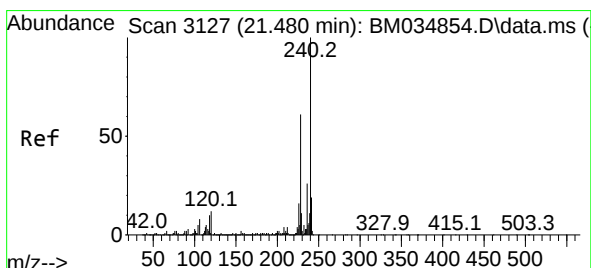
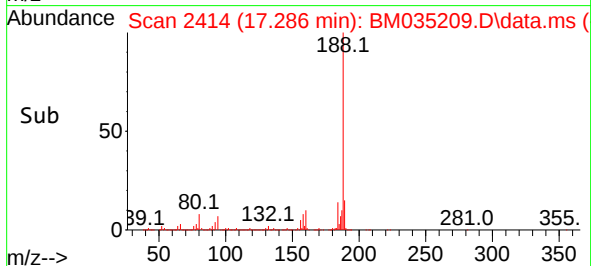
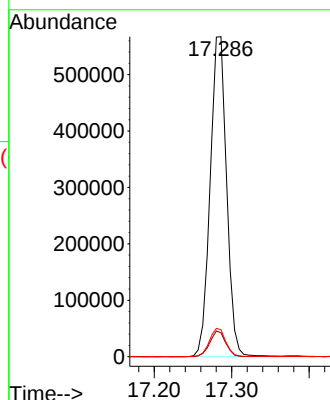
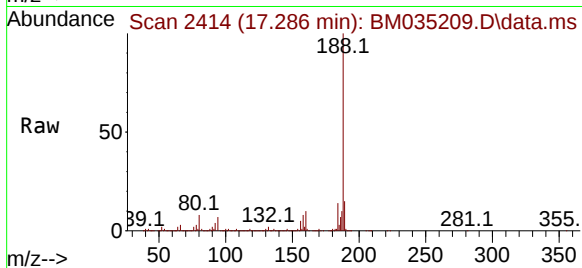
Tgt Ion:188 Resp: 836371

Ion Ratio Lower Upper

188 100

94 7.4 7.0 10.4

80 8.4 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: BM035209.D

Acq: 24 May 2022 00:14

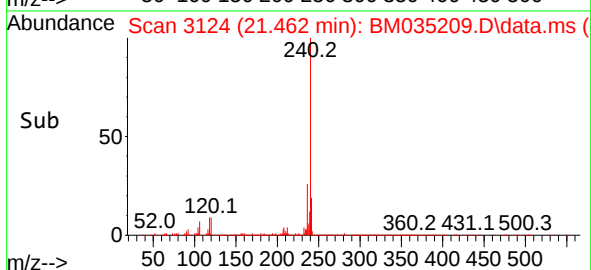
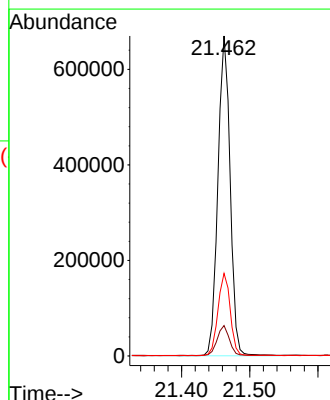
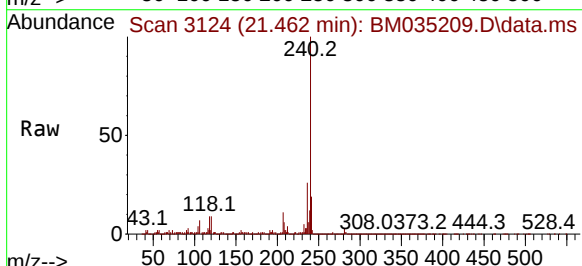
Tgt Ion:240 Resp: 833062

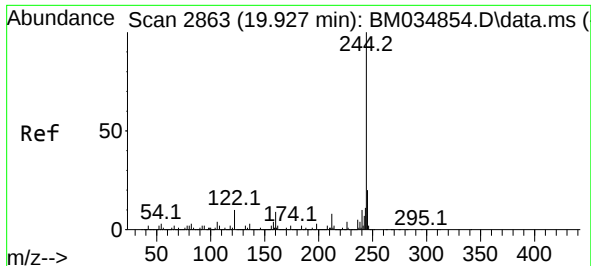
Ion Ratio Lower Upper

240 100

120 9.5 9.4 14.0

236 25.8 20.6 30.8

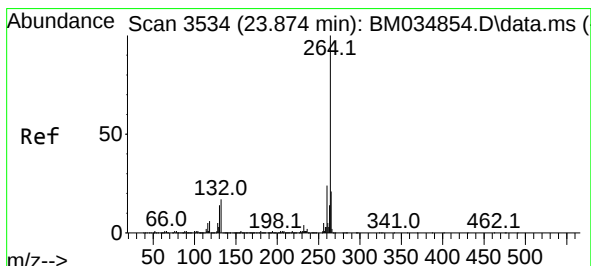
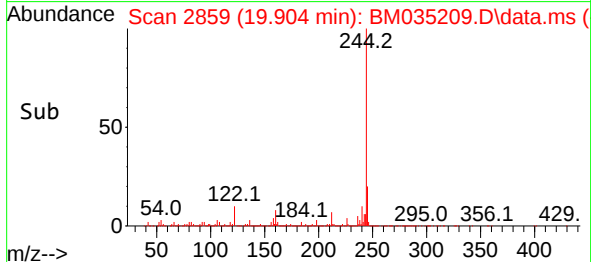
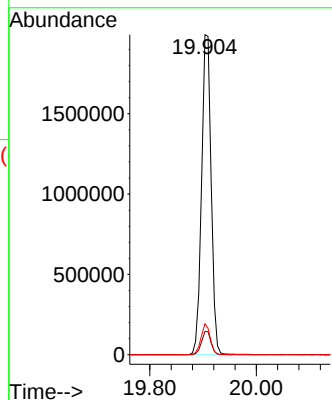
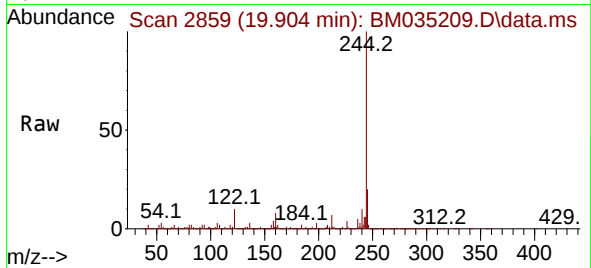




#79
 Terphenyl-d14
 Concen: 57.820 ng
 RT: 19.904 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM035209.D
 Acq: 24 May 2022 00:14

Instrument :
 BNA_M
 ClientSampleId :
 P007-SS005-0006-01

Tgt Ion:244 Resp: 2487752
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 9.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.844 min Scan# 3529
 Delta R.T. -0.012 min
 Lab File: BM035209.D
 Acq: 24 May 2022 00:14

Tgt Ion:264 Resp: 880170
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 22.6 17.5 26.3

