

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
 Data File : BM035259.D
 Acq On : 26 May 2022 01:46
 Operator : CG/JU
 Sample : N2897-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P041-SS001-2430-01

Quant Time: May 26 04:57:49 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	7.887	152	83396	20.000	ng	-0.02
21) Naphthalene-d8	10.686	136	303585	20.000	ng	#-0.02
39) Acenaphthene-d10	14.521	164	193546	20.000	ng	-0.02
64) Phenanthrene-d10	17.268	188	431288	20.000	ng	#-0.02
76) Chrysene-d12	21.450	240	550581	20.000	ng	#-0.02
86) Perylene-d12	23.821	264	623676	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	480895	101.732	ng	-0.01
7) Phenol-d6	7.057	99	601554	98.577	ng	-0.02
23) Nitrobenzene-d5	9.045	82	361277	64.264	ng	-0.02
42) 2,4,6-Tribromophenol	16.010	330	327073	155.350	ng	-0.02
45) 2-Fluorobiphenyl	13.151	172	982206	73.669	ng	-0.02
79) Terphenyl-d14	19.892	244	1735069	61.017	ng	-0.02

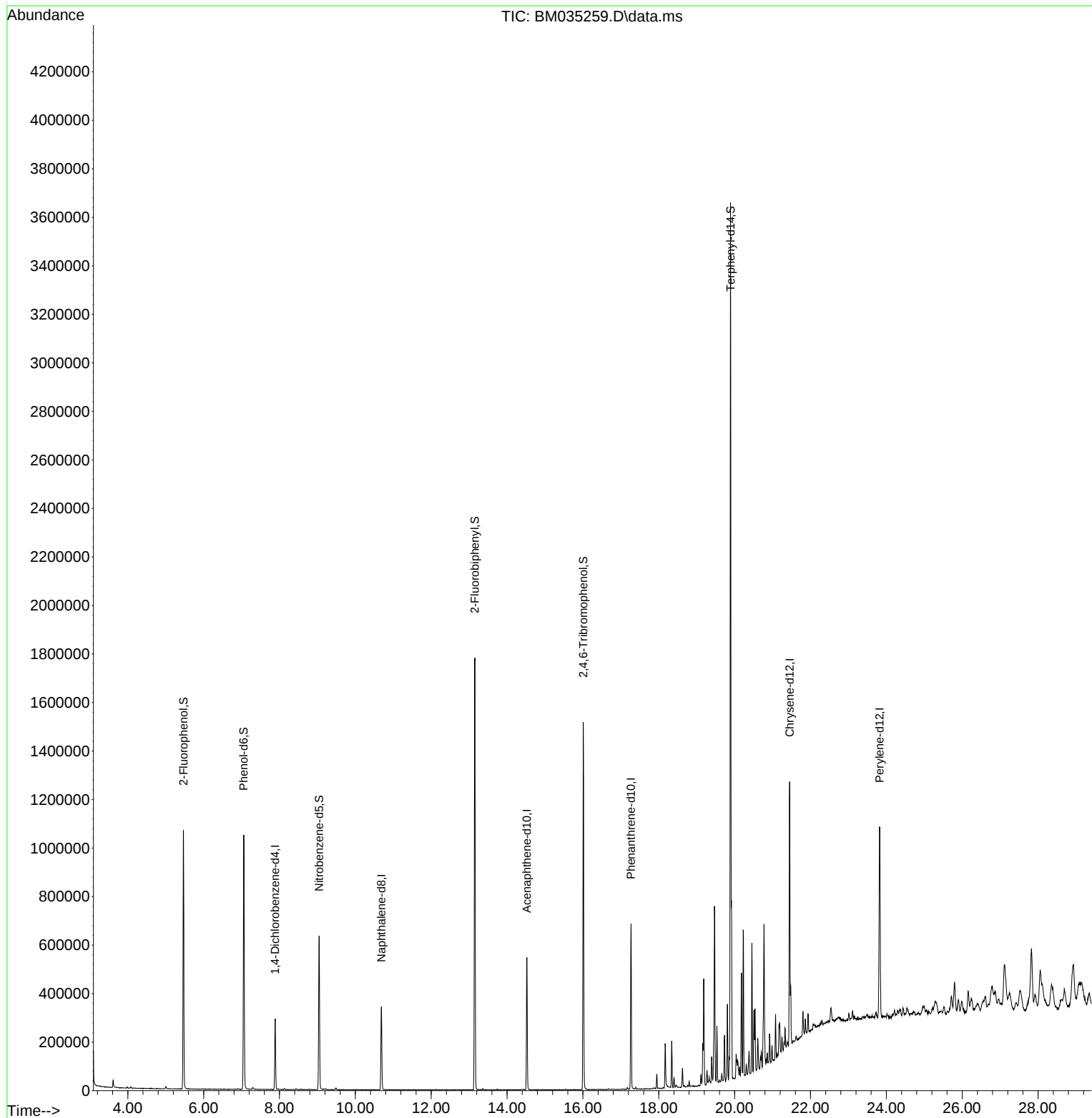
Target Compounds	Qvalue

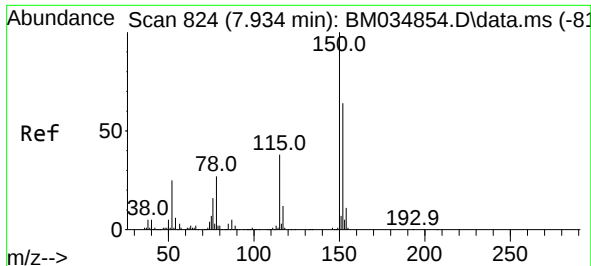
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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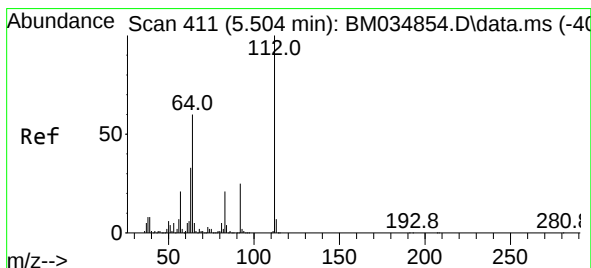
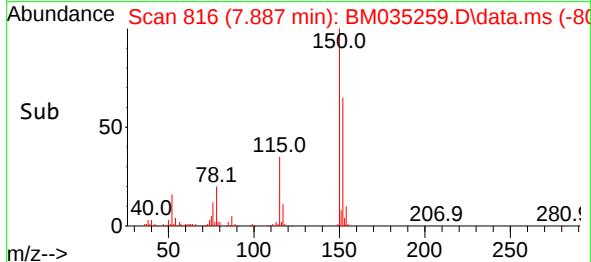
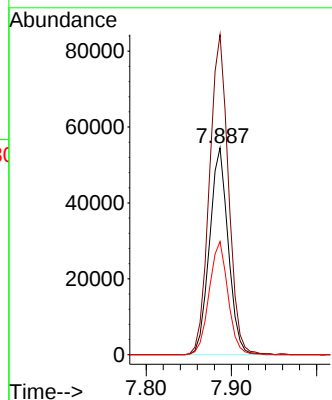
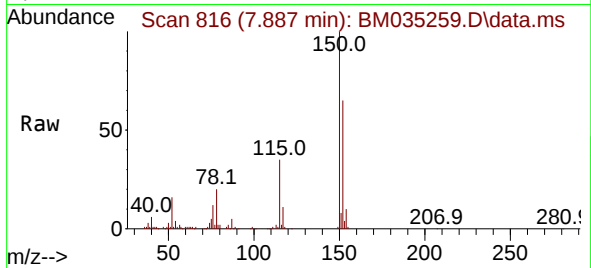




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 81
Delta R.T. -0.017 min
Lab File: BM035259.D
Acq: 26 May 2022 01:46

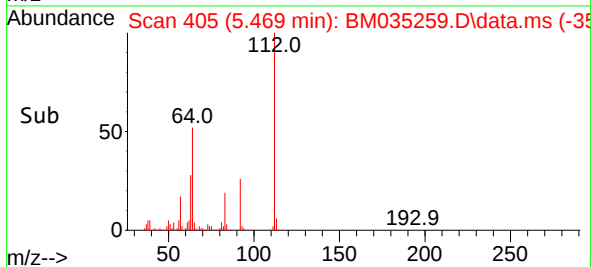
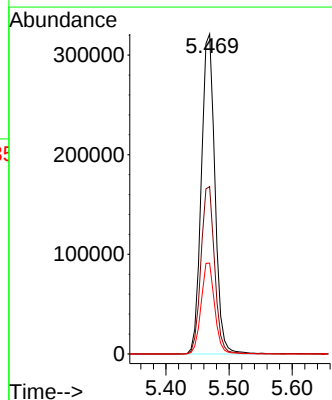
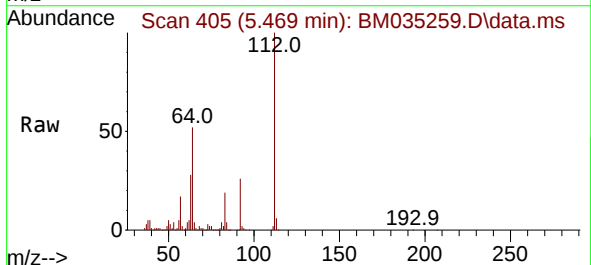
Instrument :
BNA_M
ClientSampleId :
P041-SS001-2430-01

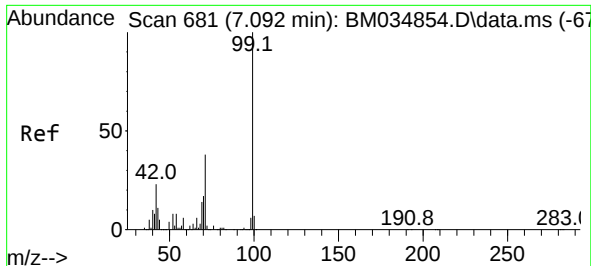
Tgt Ion:152 Resp: 83396
Ion Ratio Lower Upper
152 100
150 154.6 124.9 187.3
115 54.7 47.9 71.9



#5
2-Fluorophenol
Concen: 101.732 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.012 min
Lab File: BM035259.D
Acq: 26 May 2022 01:46

Tgt Ion:112 Resp: 480895
Ion Ratio Lower Upper
112 100
64 52.3 47.8 71.6
63 28.4 26.6 40.0

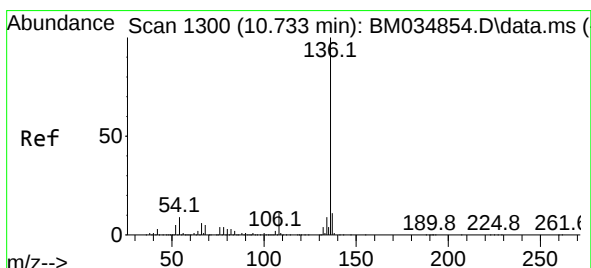
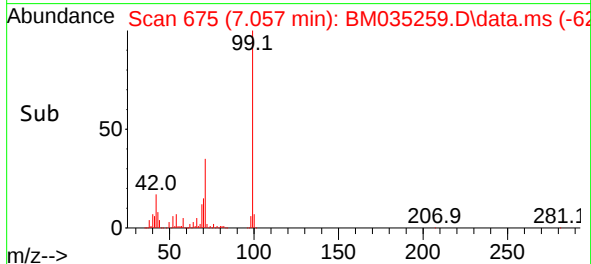
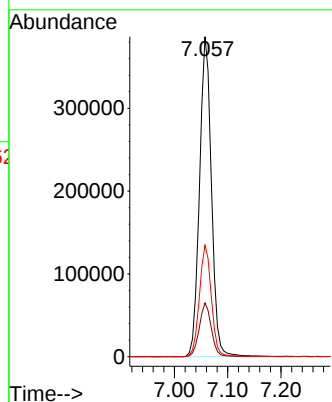
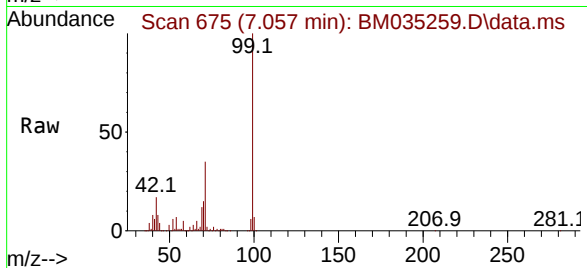




#7
Phenol-d6
Concen: 98.577 ng
RT: 7.057 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM035259.D
Acq: 26 May 2022 01:46

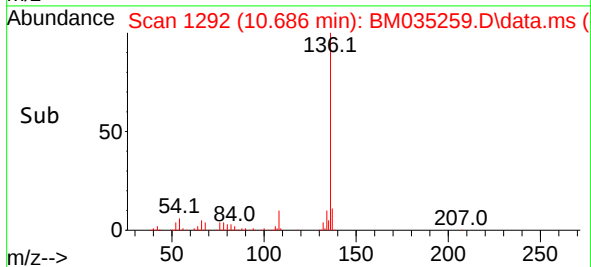
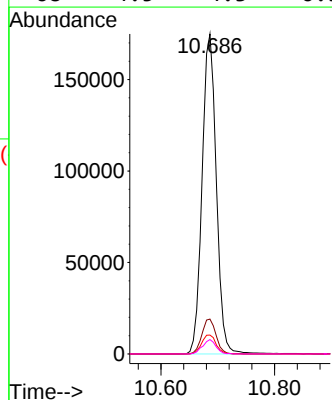
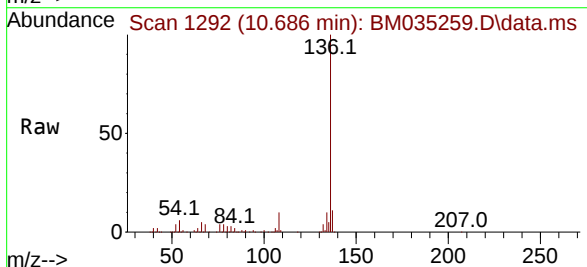
Instrument :
BNA_M
ClientSampleId :
P041-SS001-2430-01

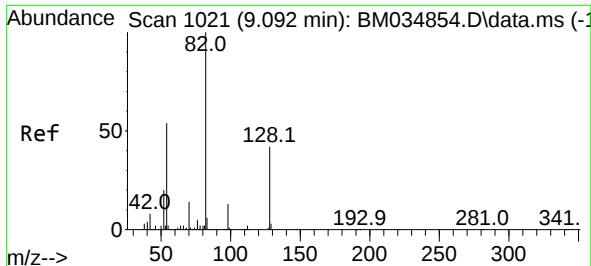
Tgt Ion: 99 Resp: 601554
Ion Ratio Lower Upper
99 100
42 16.8 18.8 28.2#
71 34.8 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.686 min Scan# 1292
Delta R.T. -0.024 min
Lab File: BM035259.D
Acq: 26 May 2022 01:46

Tgt Ion: 136 Resp: 303585
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 5.9 7.0 10.4#
68 4.5 4.3 6.5

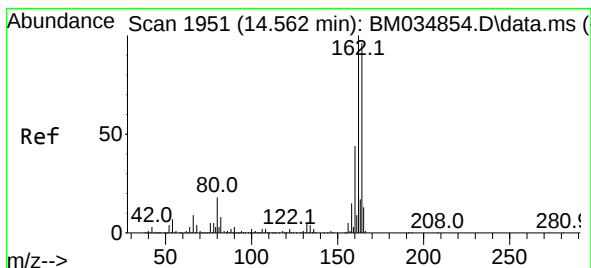
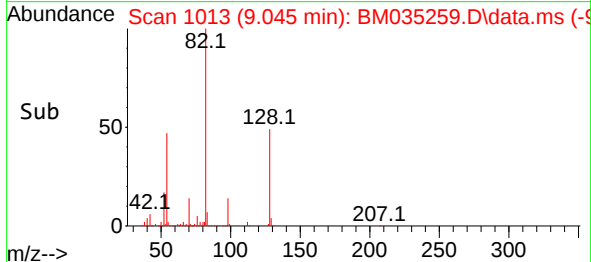
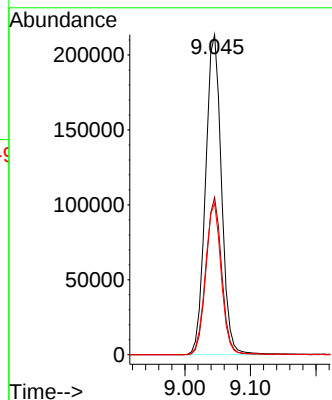
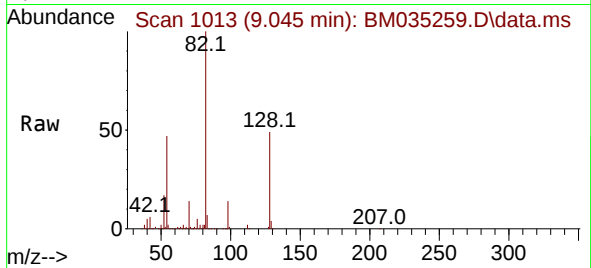




#23
Nitrobenzene-d5
Concen: 64.264 ng
RT: 9.045 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BM035259.D
Acq: 26 May 2022 01:46

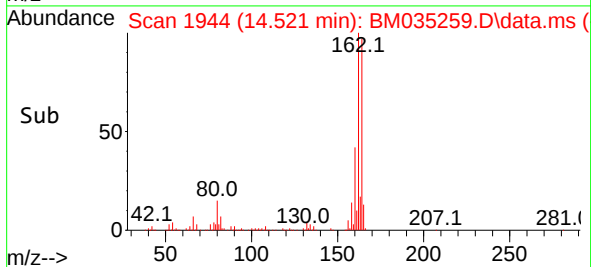
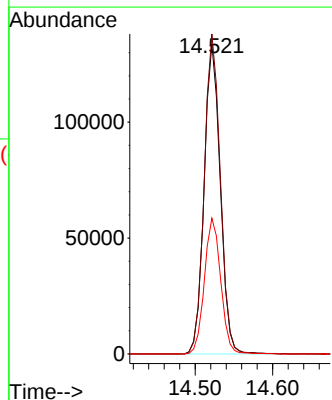
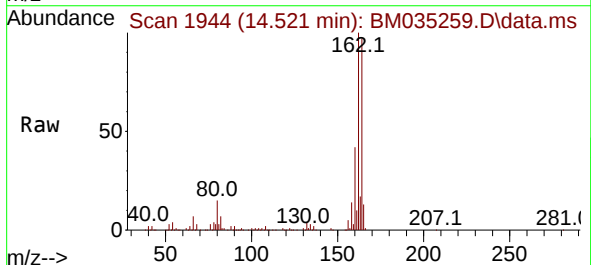
Instrument :
BNA_M
ClientSampleId :
P041-SS001-2430-01

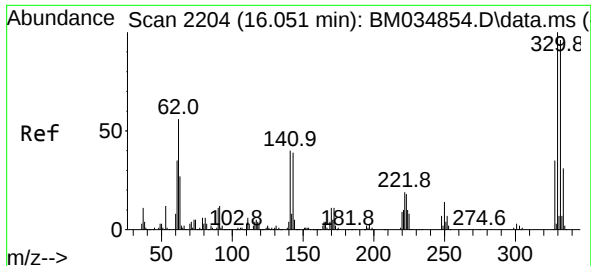
Tgt Ion: 82 Resp: 361277
Ion Ratio Lower Upper
82 100
128 49.2 33.7 50.5
54 47.3 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.521 min Scan# 1944
Delta R.T. -0.024 min
Lab File: BM035259.D
Acq: 26 May 2022 01:46

Tgt Ion: 164 Resp: 193546
Ion Ratio Lower Upper
164 100
162 103.3 83.0 124.6
160 43.8 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 155.350 ng

RT: 16.010 min Scan# 21

Delta R.T. -0.024 min

Lab File: BM035259.D

Acq: 26 May 2022 01:46

Instrument :

BNA_M

ClientSampleId :

P041-SS001-2430-01

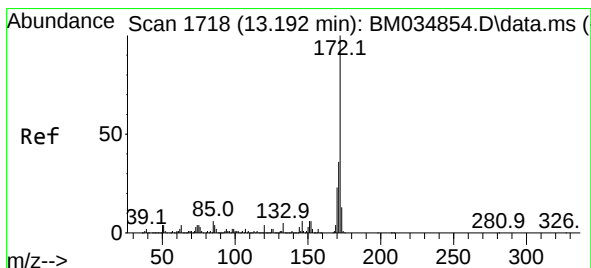
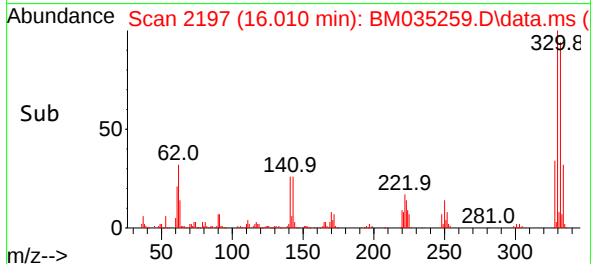
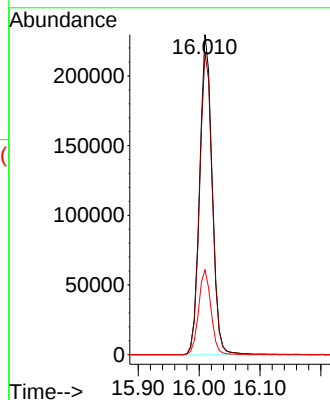
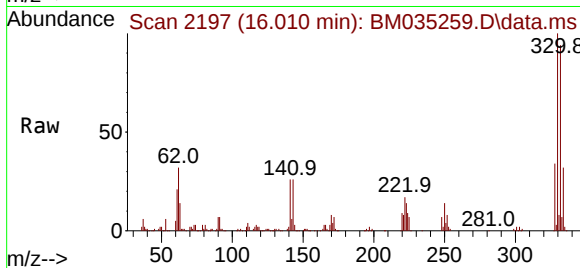
Tgt Ion:330 Resp: 327073

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.4

141 26.2 35.3 52.9#



#45

2-Fluorobiphenyl

Concen: 73.669 ng

RT: 13.151 min Scan# 1711

Delta R.T. -0.018 min

Lab File: BM035259.D

Acq: 26 May 2022 01:46

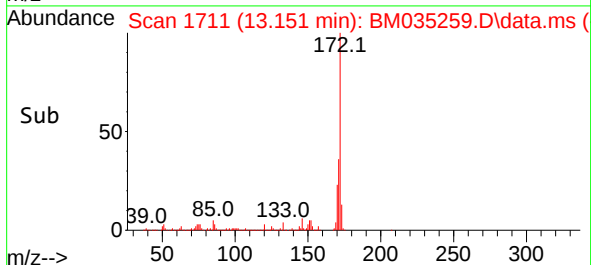
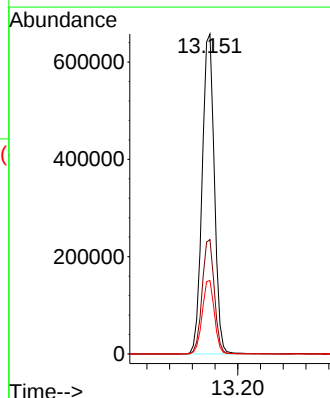
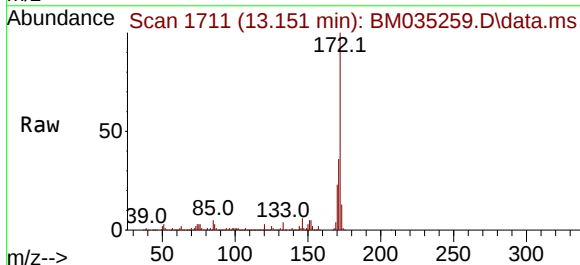
Tgt Ion:172 Resp: 982206

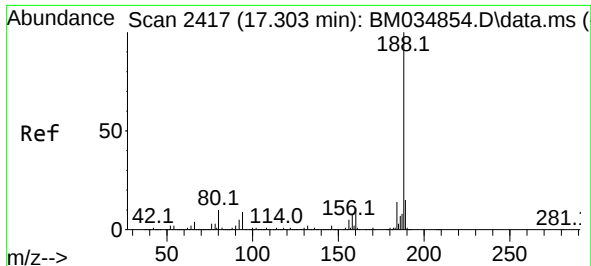
Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

170 22.9 18.7 28.1

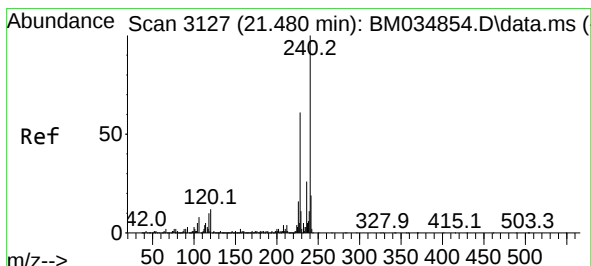
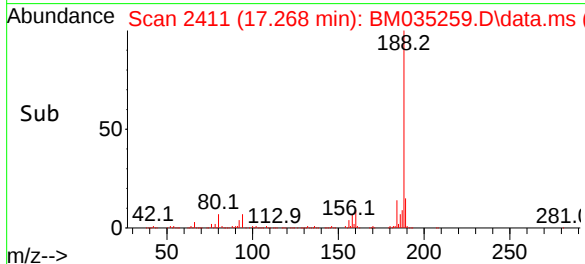
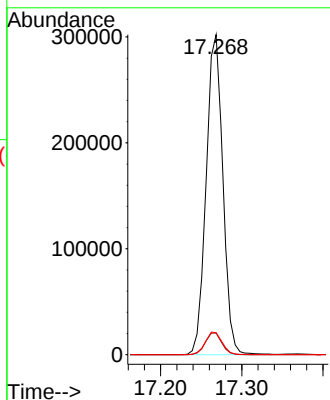
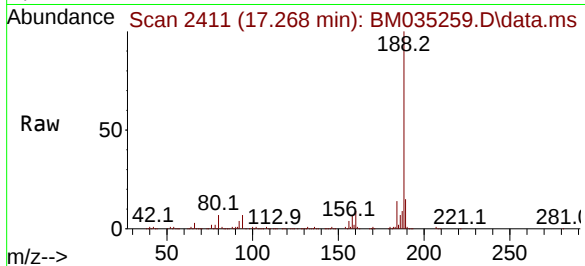




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.268 min Scan# 2417
Delta R.T. -0.018 min
Lab File: BM035259.D
Acq: 26 May 2022 01:46

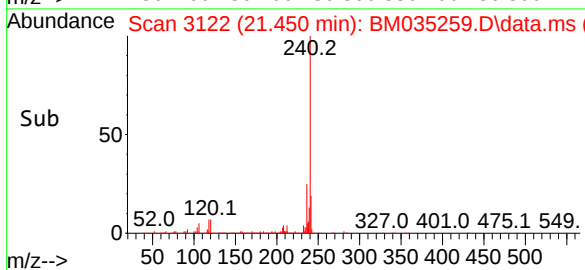
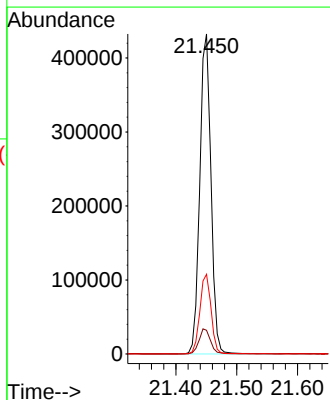
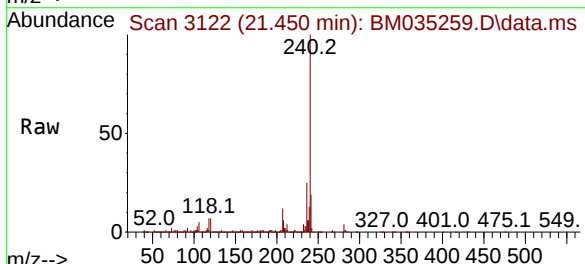
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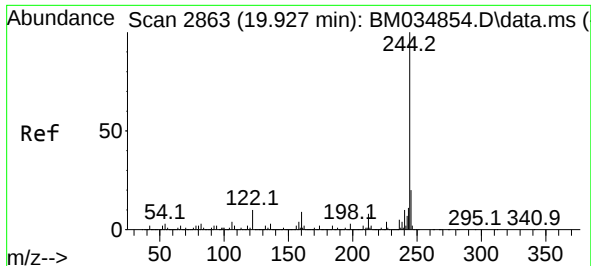
Tgt Ion:188 Resp: 431288
Ion Ratio Lower Upper
188 100
94 6.8 7.0 10.4#
80 6.9 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3122
Delta R.T. -0.024 min
Lab File: BM035259.D
Acq: 26 May 2022 01:46

Tgt Ion:240 Resp: 550581
Ion Ratio Lower Upper
240 100
120 7.4 9.4 14.0#
236 24.9 20.6 30.8

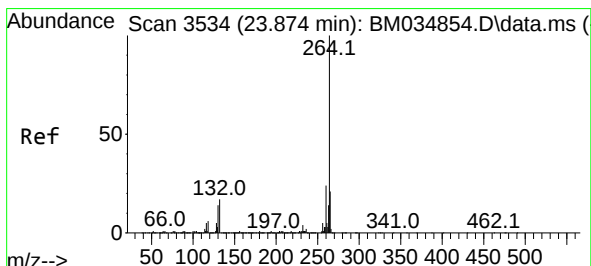
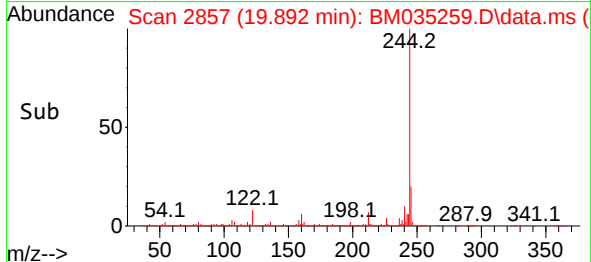
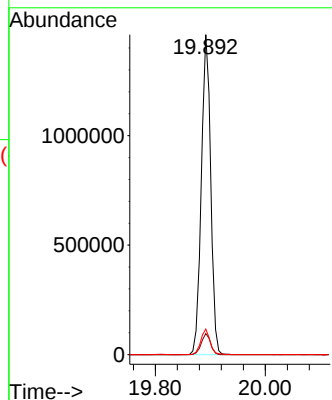
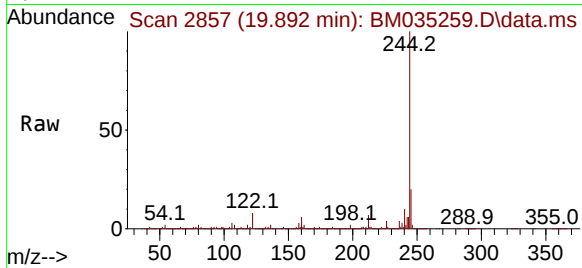




#79
 Terphenyl-d14
 Concen: 61.017 ng
 RT: 19.892 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BM035259.D
 Acq: 26 May 2022 01:46

Instrument :
 BNA_M
 ClientSampleId :
 P041-SS001-2430-01

Tgt Ion:244 Resp: 1735069
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.2 9.4
 122 8.0 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.821 min Scan# 3525
 Delta R.T. -0.035 min
 Lab File: BM035259.D
 Acq: 26 May 2022 01:46

Tgt Ion:264 Resp: 623676
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.9 28.3
 265 22.3 17.5 26.3

