

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
 Data File : BM035160.D
 Acq On : 19 May 2022 19:45
 Operator : CG/JU
 Sample : N2871-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P017-SS001-1824-01

Quant Time: May 20 04:56:26 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	149867	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	569162	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	332378	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	657579	20.000	ng	0.00
76) Chrysene-d12	21.468	240	656420	20.000	ng	0.00
86) Perylene-d12	23.856	264	726836	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1025004	120.663	ng	0.00
7) Phenol-d6	7.075	99	1287170	117.375	ng	0.00
23) Nitrobenzene-d5	9.063	82	843267	80.009	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	453942	125.551	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1753498	76.585	ng	0.00
79) Terphenyl-d14	19.909	244	2508107	73.980	ng	0.00

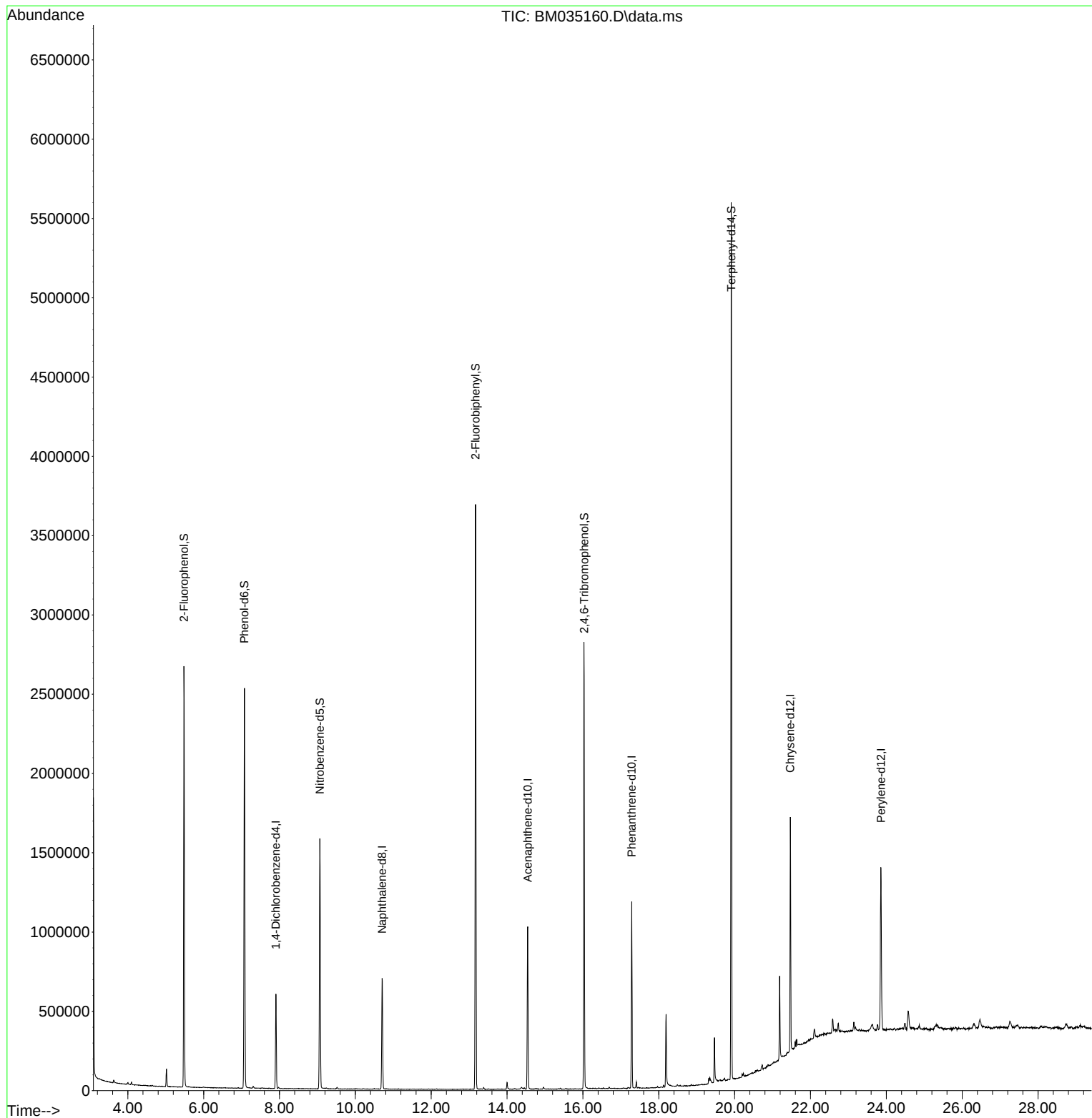
Target Compounds	Qvalue

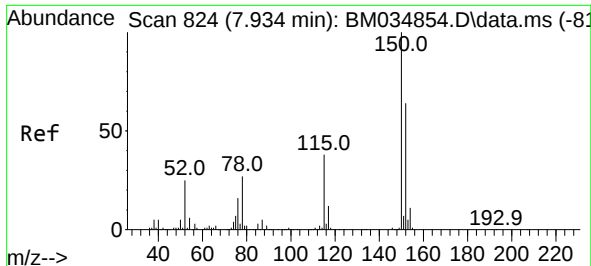
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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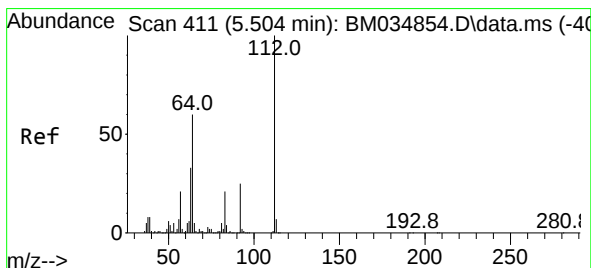
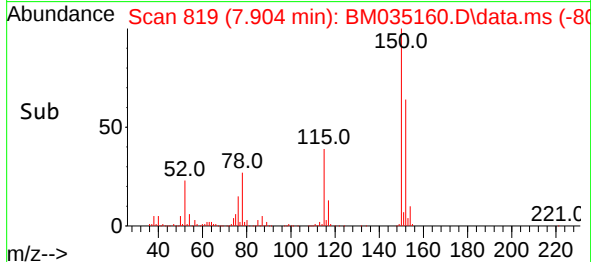
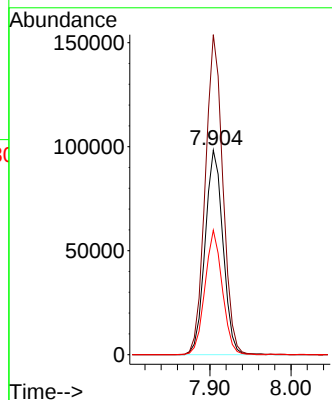
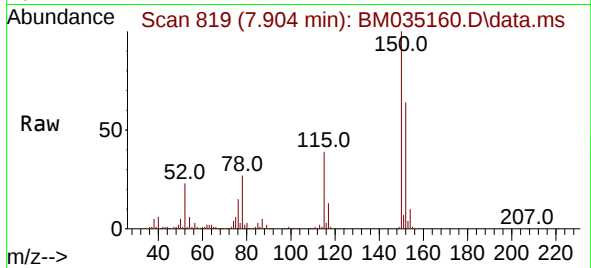




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM035160.D
Acq: 19 May 2022 19:45

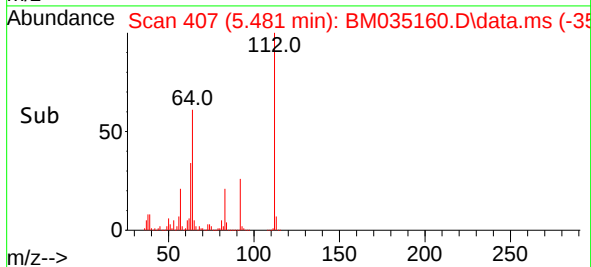
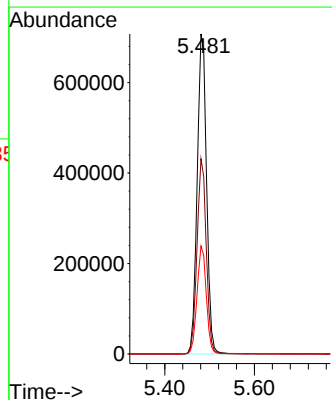
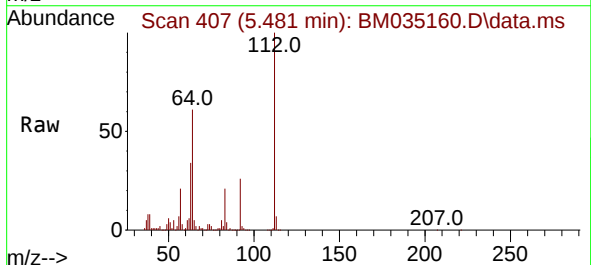
Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01

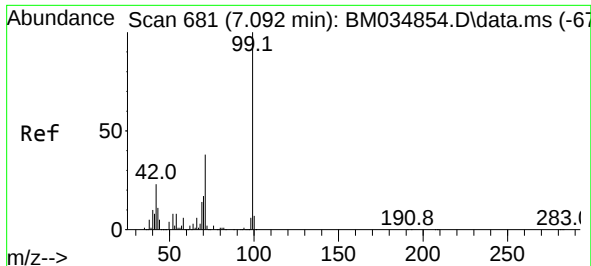
Tgt Ion:152 Resp: 149867
Ion Ratio Lower Upper
152 100
150 156.5 124.9 187.3
115 60.9 47.9 71.9



#5
2-Fluorophenol
Concen: 120.663 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.000 min
Lab File: BM035160.D
Acq: 19 May 2022 19:45

Tgt Ion:112 Resp: 1025004
Ion Ratio Lower Upper
112 100
64 61.0 47.8 71.6
63 33.7 26.6 40.0



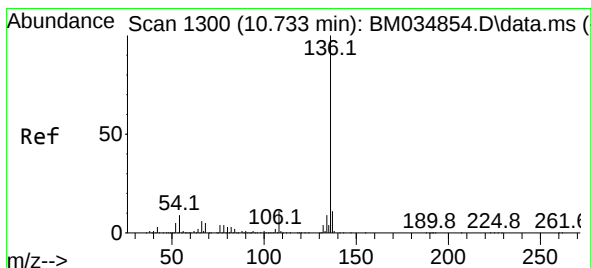
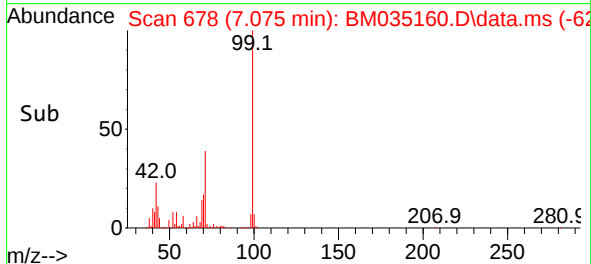
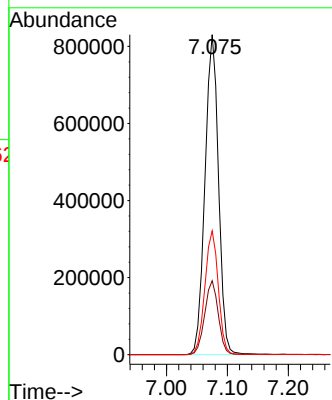
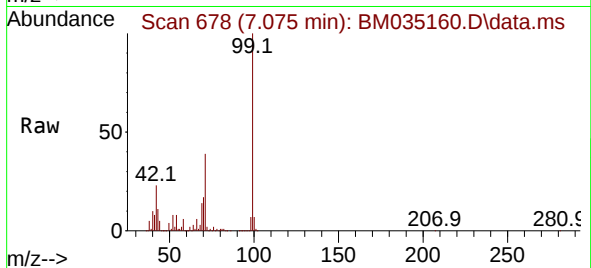


#7
Phenol-d6
Concen: 117.375 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM035160.D
Acq: 19 May 2022 19:45

Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01

Tgt Ion: 99 Resp: 1287170

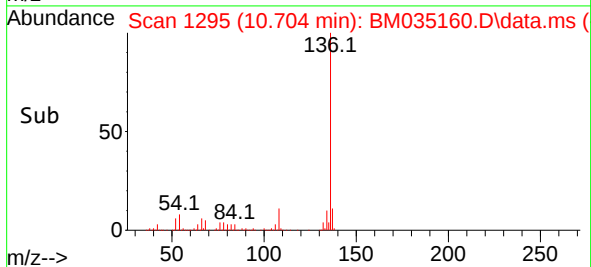
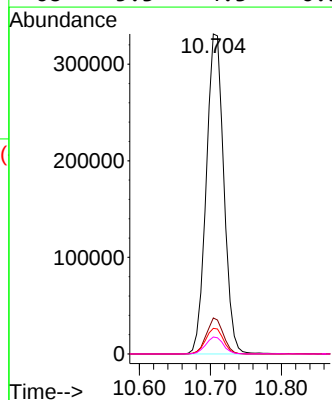
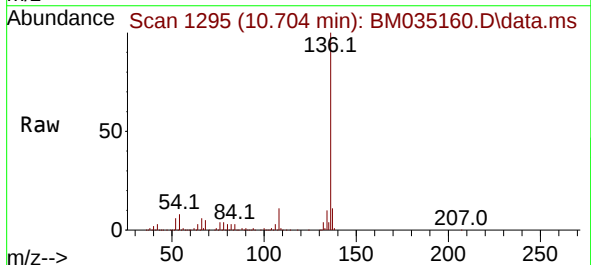
Ion	Ratio	Lower	Upper
99	100		
42	23.1	18.8	28.2
71	38.7	30.2	45.2

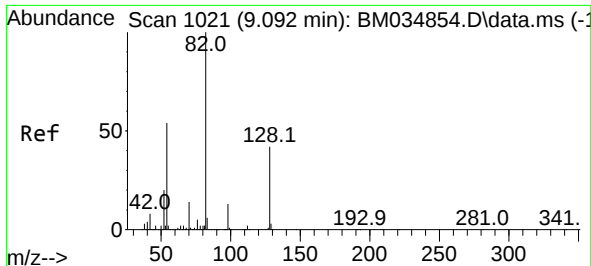


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM035160.D
Acq: 19 May 2022 19:45

Tgt Ion: 136 Resp: 569162

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.0	7.0	10.4
68	5.3	4.3	6.5





#23

Nitrobenzene-d5

Concen: 80.009 ng

RT: 9.063 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BM035160.D

Acq: 19 May 2022 19:45

Instrument :

BNA_M

ClientSampleId :

P017-SS001-1824-01

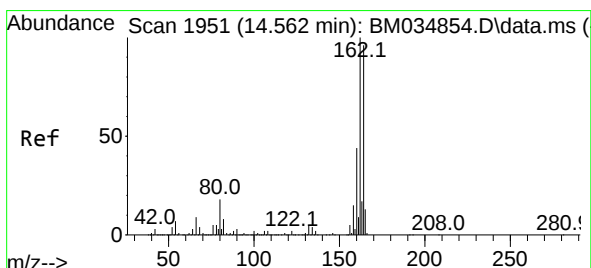
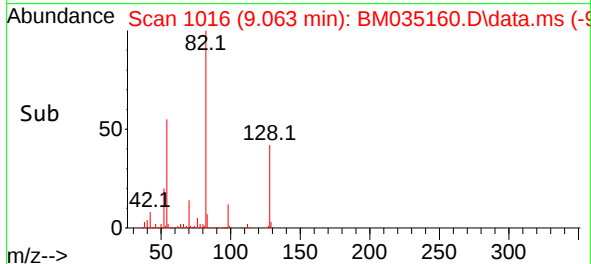
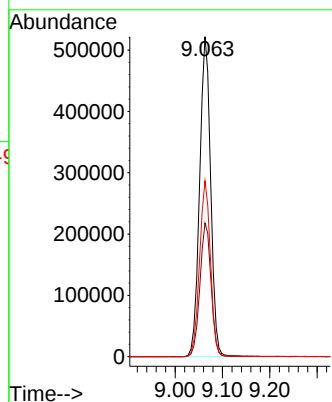
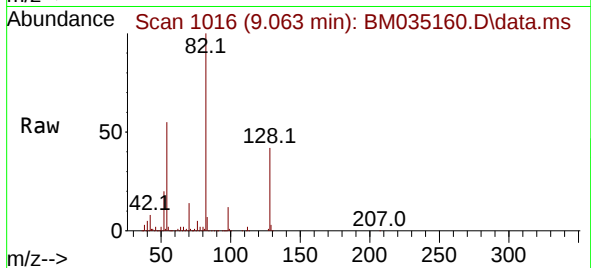
Tgt Ion: 82 Resp: 843267

Ion Ratio Lower Upper

82 100

128 41.8 33.7 50.5

54 54.9 43.2 64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

Delta R.T. -0.000 min

Lab File: BM035160.D

Acq: 19 May 2022 19:45

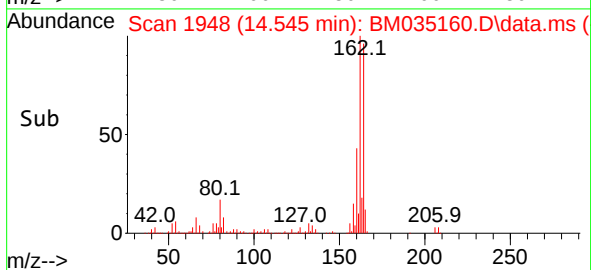
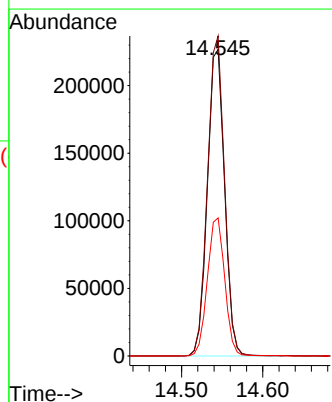
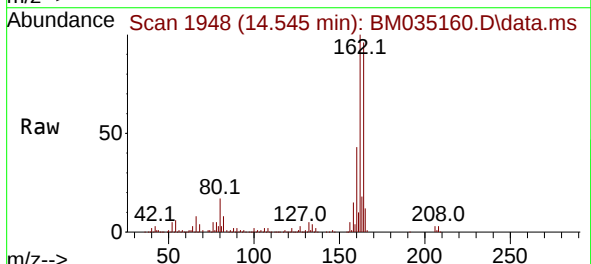
Tgt Ion: 164 Resp: 332378

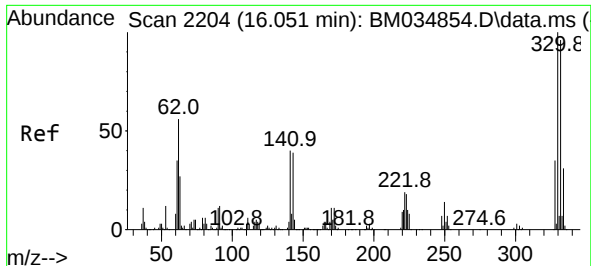
Ion Ratio Lower Upper

164 100

162 104.4 83.0 124.6

160 45.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 125.551 ng

RT: 16.033 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM035160.D

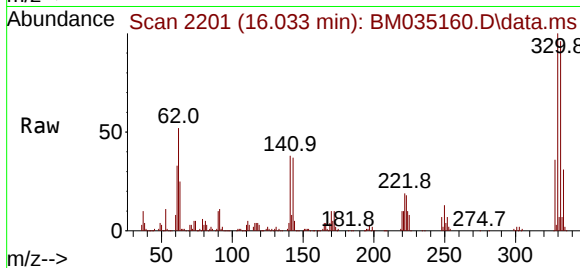
Acq: 19 May 2022 19:45

Instrument :

BNA_M

ClientSampleId :

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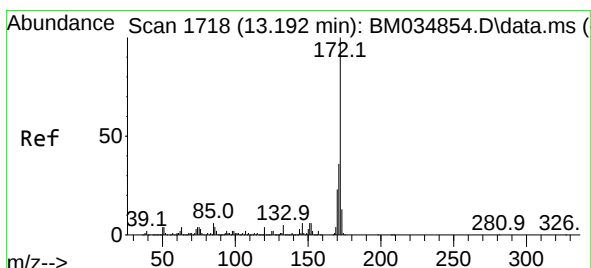
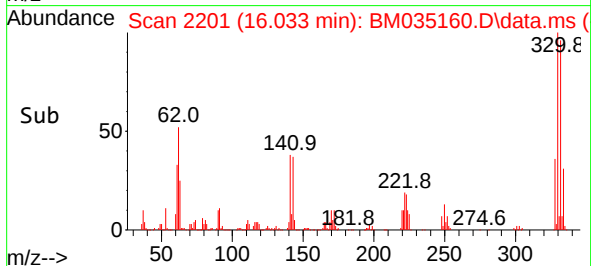
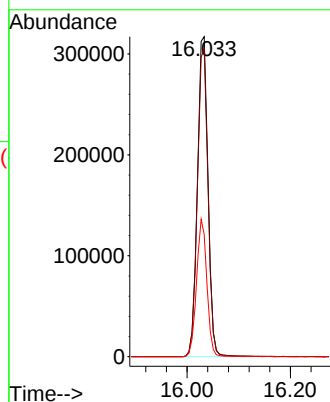
Tgt Ion:330 Resp: 453942

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.4

141 41.6 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 76.585 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BM035160.D

Acq: 19 May 2022 19:45

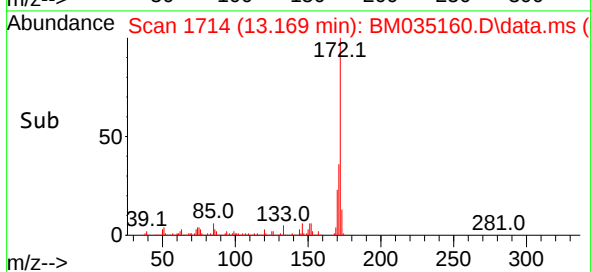
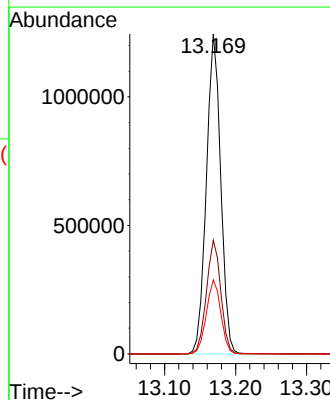
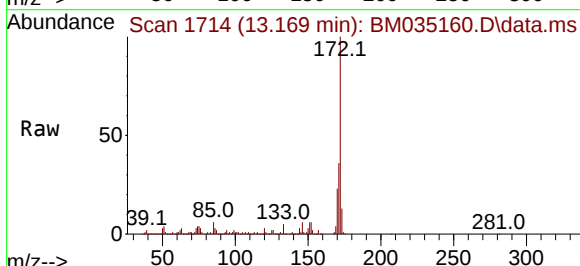
Tgt Ion:172 Resp: 1753498

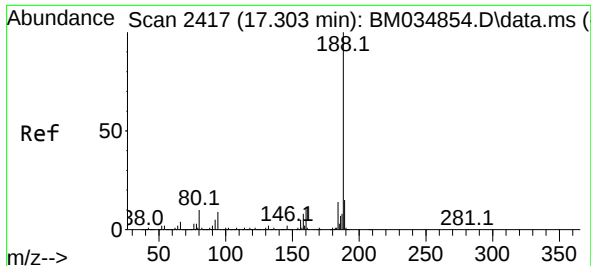
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.1 18.7 28.1

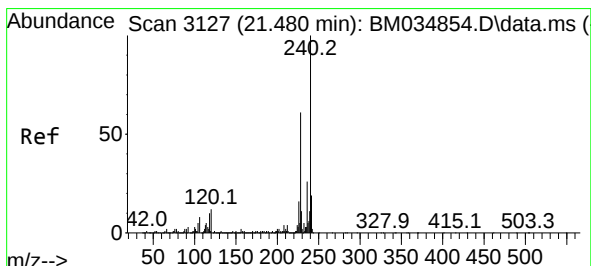
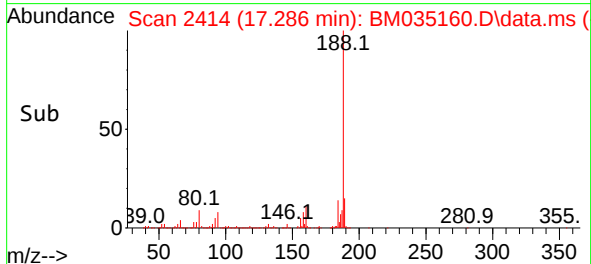
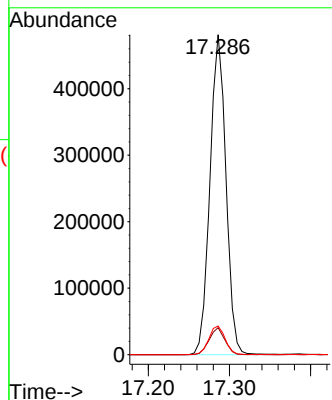
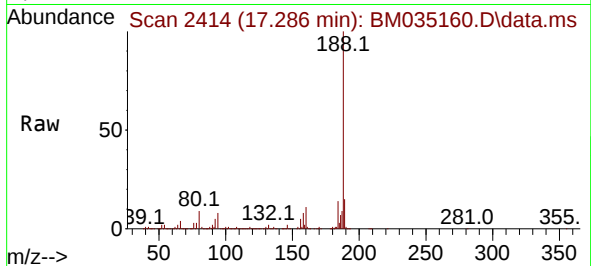




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BM035160.D
Acq: 19 May 2022 19:45

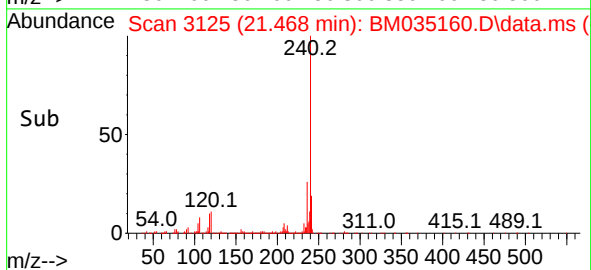
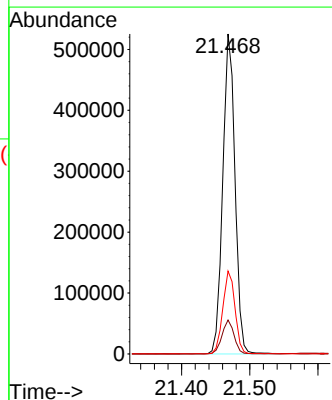
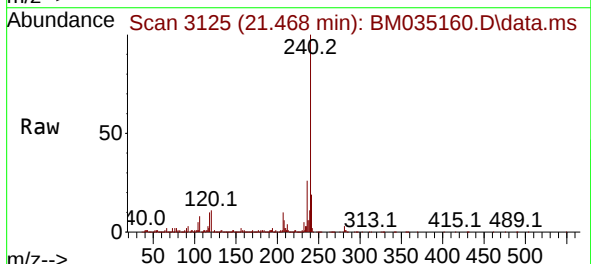
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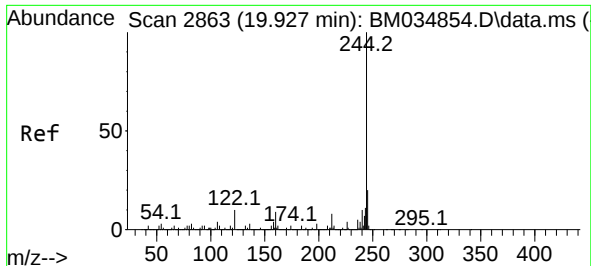
Tgt Ion:188 Resp: 657579
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 8.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.468 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM035160.D
Acq: 19 May 2022 19:45

Tgt Ion:240 Resp: 656420
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.0
236 25.9 20.6 30.8

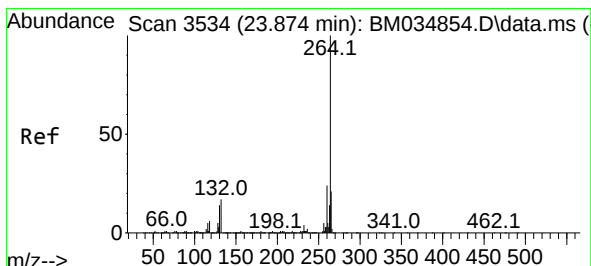
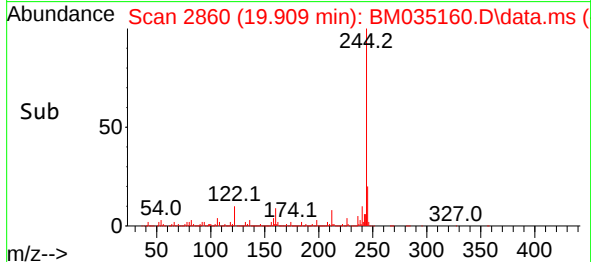
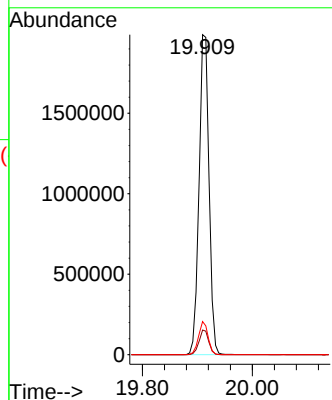
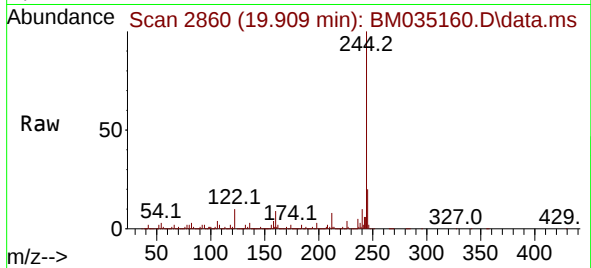




#79
 Terphenyl-d14
 Concen: 73.980 ng
 RT: 19.909 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035160.D
 Acq: 19 May 2022 19:45

Instrument :
 BNA_M
 ClientSampleId :
 P017-SS001-1824-01

Tgt Ion:244 Resp: 2508107
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.856 min Scan# 3531
 Delta R.T. -0.000 min
 Lab File: BM035160.D
 Acq: 19 May 2022 19:45

Tgt Ion:264 Resp: 726836
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.9 28.3
 265 22.9 17.5 26.3

