

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092923\
 Data File : BM042141.D
 Acq On : 29 Sep 2023 11:57
 Operator : MA/JU
 Sample : PB155705BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB155705BL

Quant Time: Sep 29 12:56:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 04:49:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	220419	20.000	ng	-0.04
21) Naphthalene-d8	10.751	136	892966	20.000	ng	-0.04
39) Acenaphthene-d10	14.580	164	559205	20.000	ng	-0.04
64) Phenanthrene-d10	17.333	188	1250711	20.000	ng	-0.04
76) Chrysene-d12	21.509	240	1111819	20.000	ng	-0.04
86) Perylene-d12	23.915	264	1110032	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1360634	102.817	ng	-0.02
7) Phenol-d6	7.087	99	1801837	98.062	ng	-0.02
23) Nitrobenzene-d5	9.128	82	1635439	93.250	ng	-0.04
42) 2,4,6-Tribromophenol	16.074	330	651202	93.333	ng	-0.04
45) 2-Fluorobiphenyl	13.198	172	3543679	93.012	ng	-0.04
79) Terphenyl-d14	19.950	244	5967271	97.751	ng	-0.02

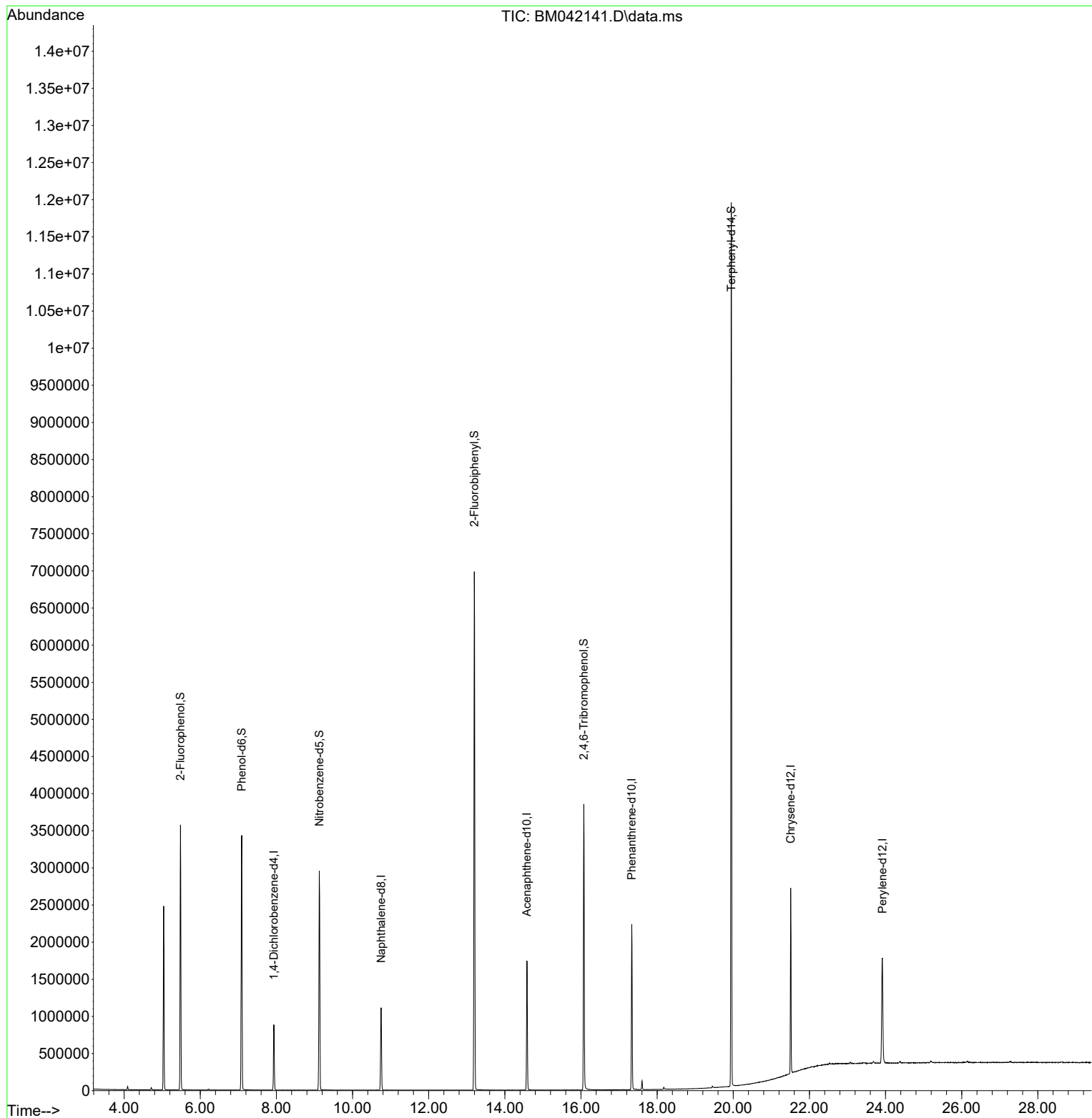
Target Compounds	Qvalue

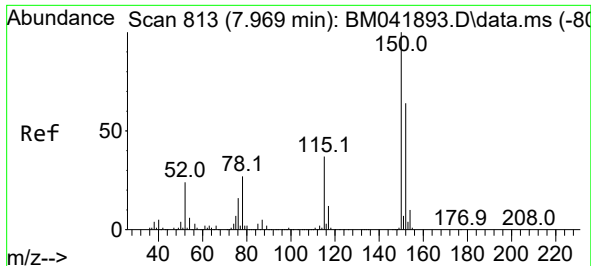
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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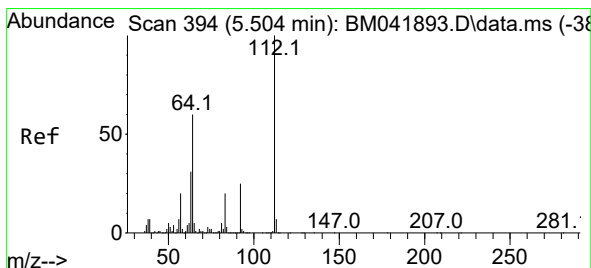
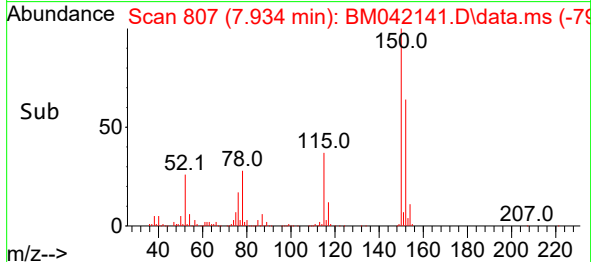
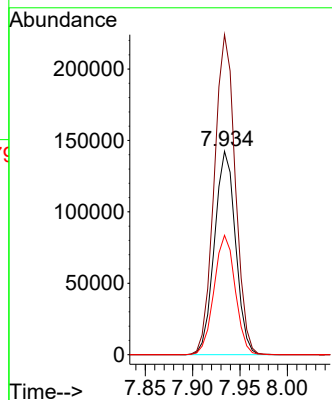
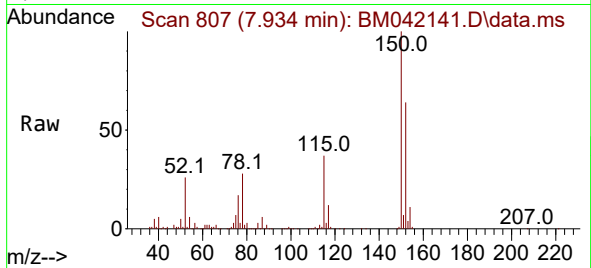




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 80
Delta R.T. -0.035 min
Lab File: BM042141.D
Acq: 29 Sep 2023 11:57

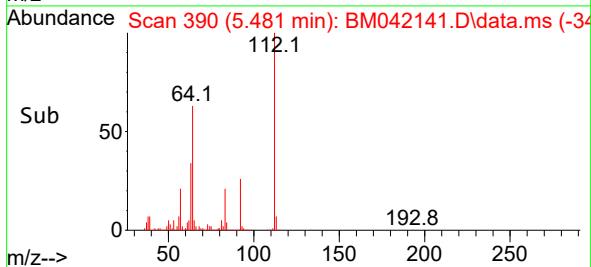
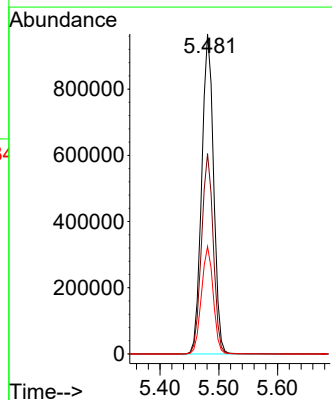
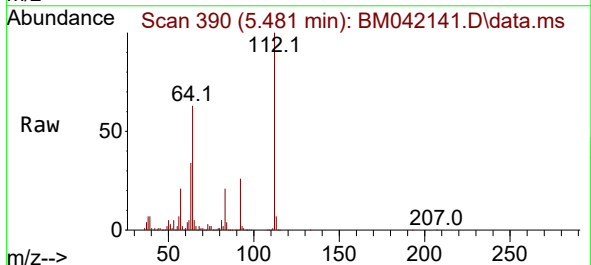
Instrument :
BNA_M
ClientSampleId :
PB155705BL

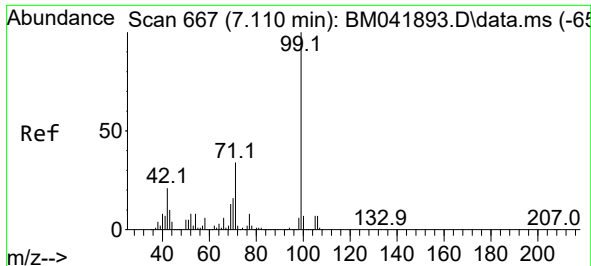
Tgt Ion:152 Resp: 220419
Ion Ratio Lower Upper
152 100
150 157.3 125.9 188.9
115 58.7 46.8 70.2



#5
2-Fluorophenol
Concen: 102.817 ng
RT: 5.481 min Scan# 390
Delta R.T. -0.024 min
Lab File: BM042141.D
Acq: 29 Sep 2023 11:57

Tgt Ion:112 Resp: 1360634
Ion Ratio Lower Upper
112 100
64 62.6 48.1 72.1
63 33.5 25.0 37.6

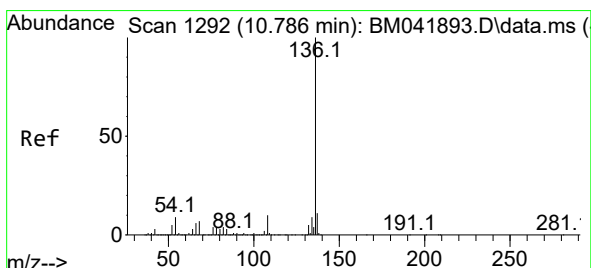
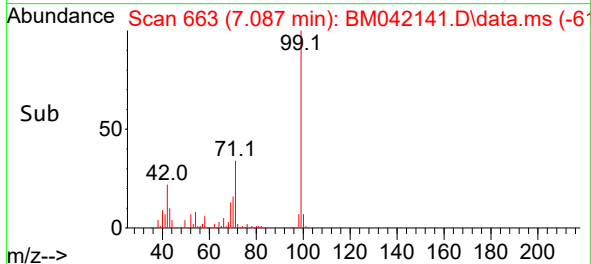
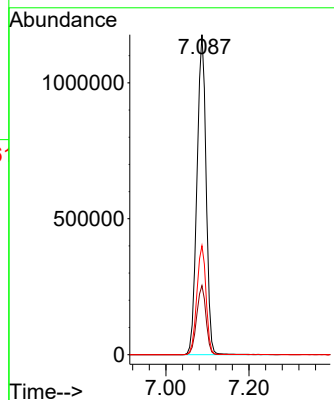
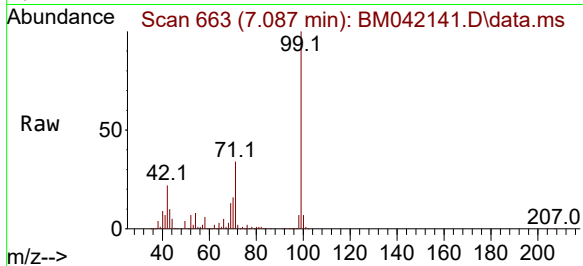




#7
Phenol-d6
Concen: 98.062 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM042141.D
Acq: 29 Sep 2023 11:57

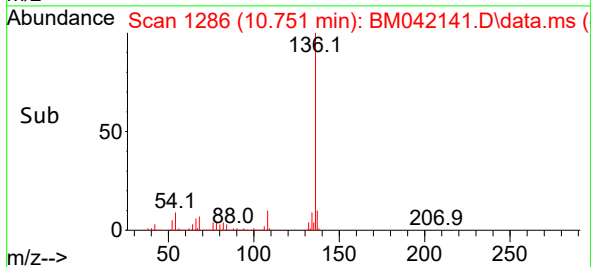
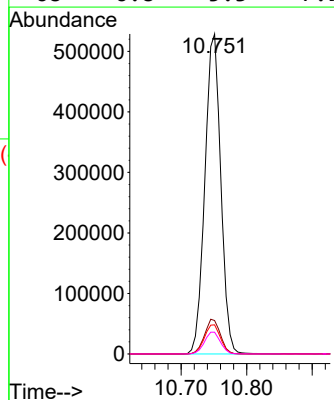
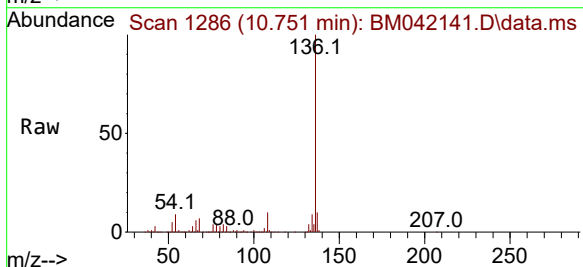
Instrument :
BNA_M
ClientSampleId :
PB155705BL

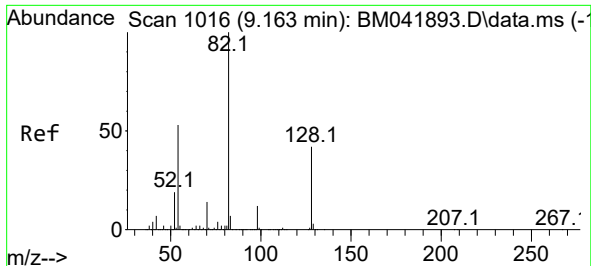
Tgt Ion: 99 Resp: 1801837
Ion Ratio Lower Upper
99 100
42 21.6 16.6 25.0
71 34.1 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 1286
Delta R.T. -0.035 min
Lab File: BM042141.D
Acq: 29 Sep 2023 11:57

Tgt Ion: 136 Resp: 892966
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 9.1 7.0 10.4
68 6.8 5.3 7.9





#23

Nitrobenzene-d5

Concen: 93.250 ng

RT: 9.128 min Scan# 1016

Delta R.T. -0.035 min

Lab File: BM042141.D

Acq: 29 Sep 2023 11:57

Instrument :

BNA_M

ClientSampleId :

PB155705BL

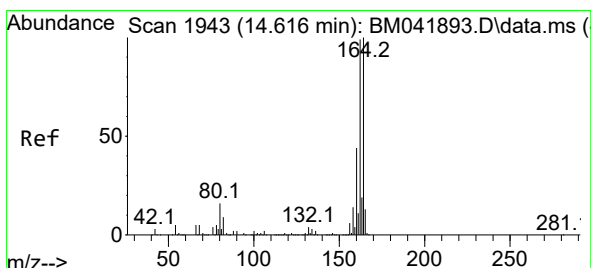
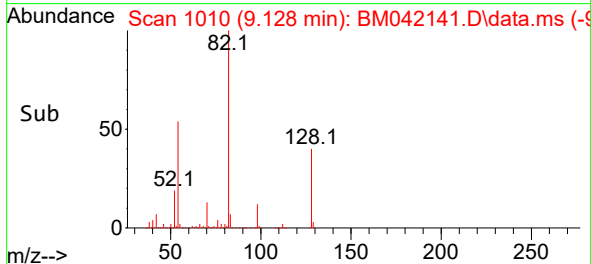
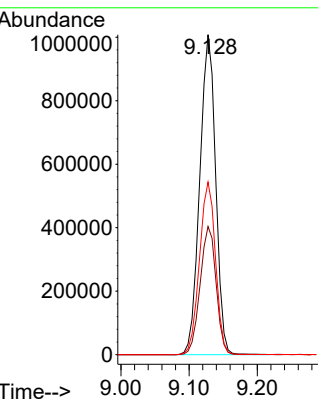
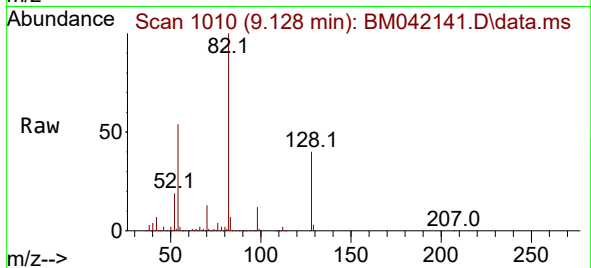
Tgt Ion: 82 Resp: 1635439

Ion Ratio Lower Upper

82 100

128 40.0 33.8 50.6

54 54.0 42.8 64.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.580 min Scan# 1937

Delta R.T. -0.036 min

Lab File: BM042141.D

Acq: 29 Sep 2023 11:57

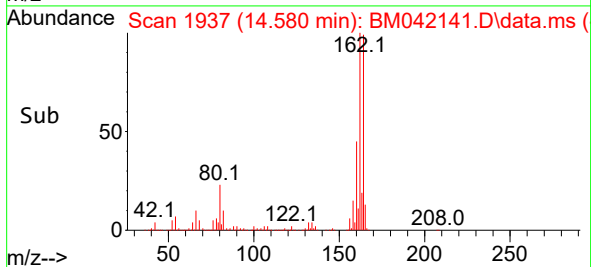
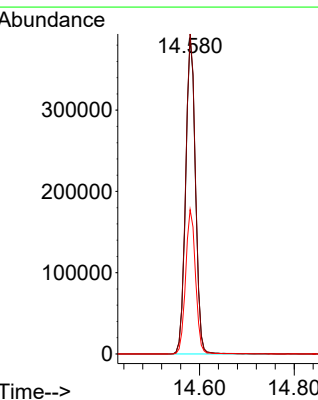
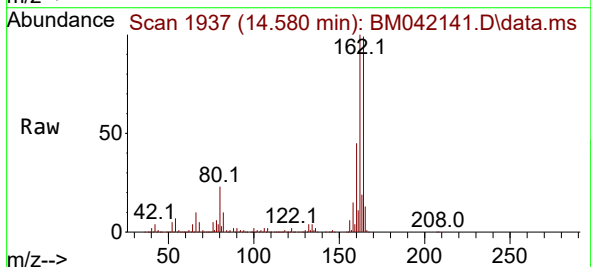
Tgt Ion: 164 Resp: 559205

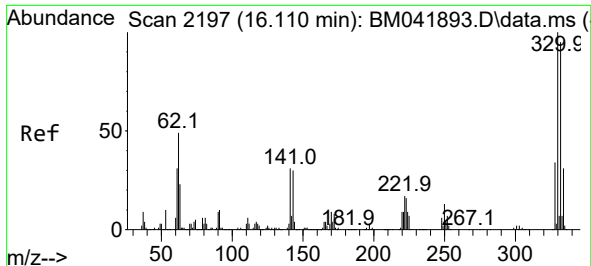
Ion Ratio Lower Upper

164 100

162 101.1 79.3 118.9

160 45.6 35.6 53.4

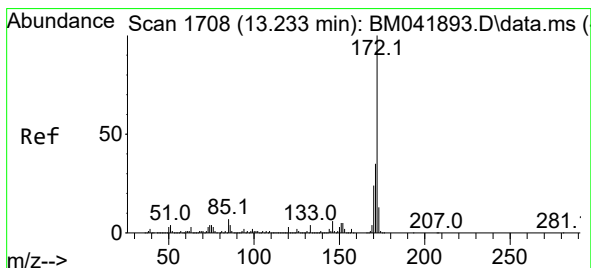
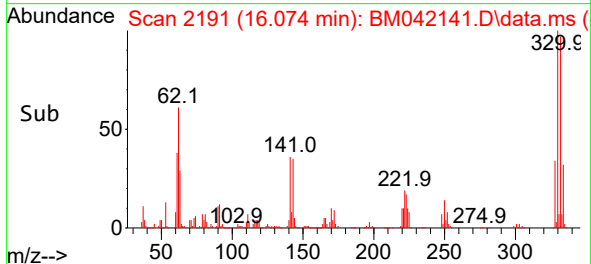
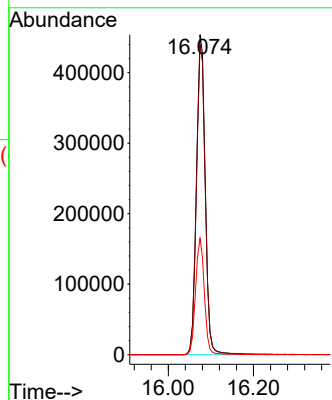
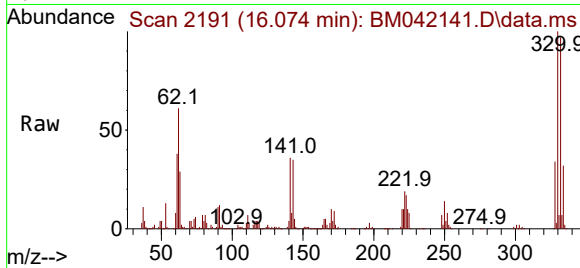




#42
2,4,6-Tribromophenol
Concen: 93.333 ng
RT: 16.074 min Scan# 2197
Delta R.T. -0.035 min
Lab File: BM042141.D
Acq: 29 Sep 2023 11:57

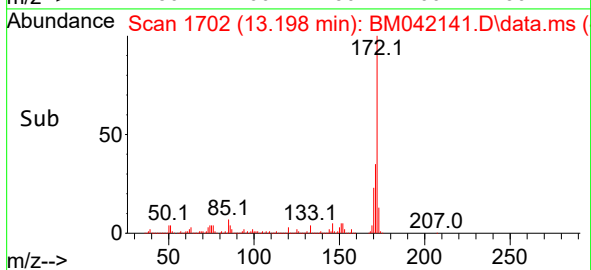
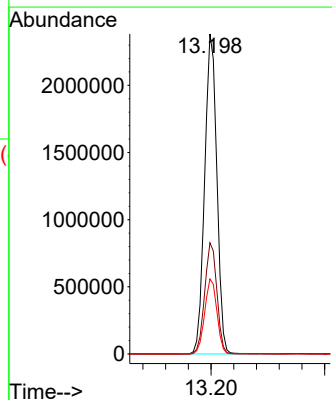
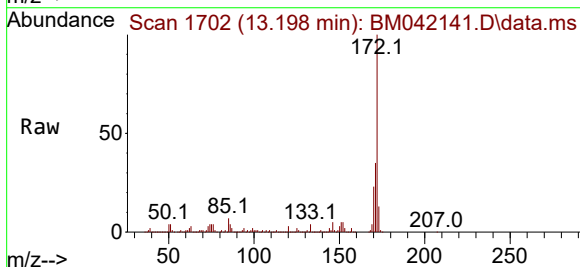
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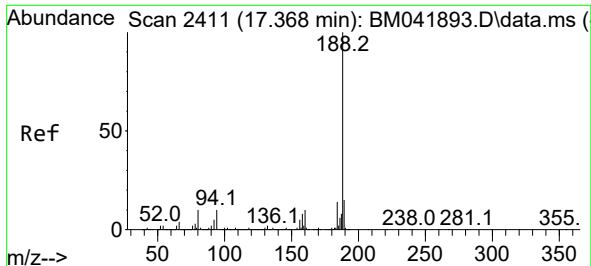
Tgt Ion:330 Resp: 651202
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.6
141 36.3 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 93.012 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.035 min
Lab File: BM042141.D
Acq: 29 Sep 2023 11:57

Tgt Ion:172 Resp: 3543679
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 23.4 19.1 28.7

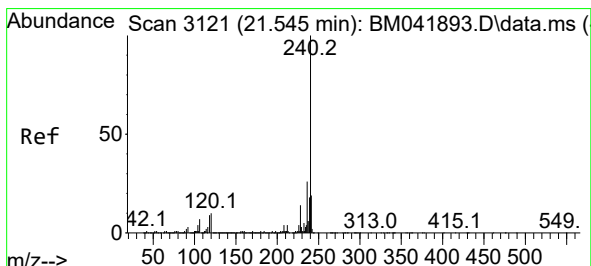
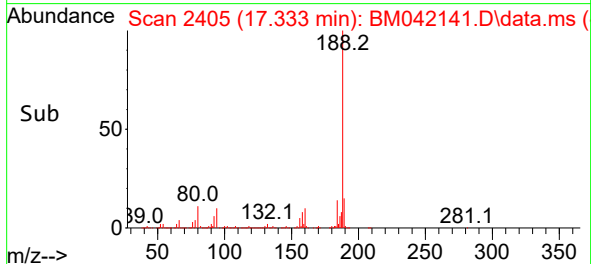
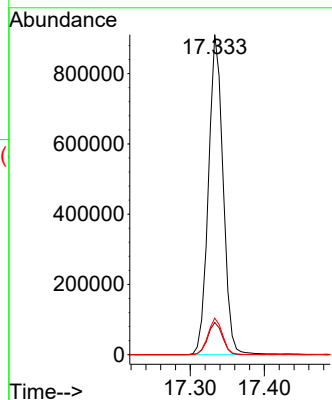
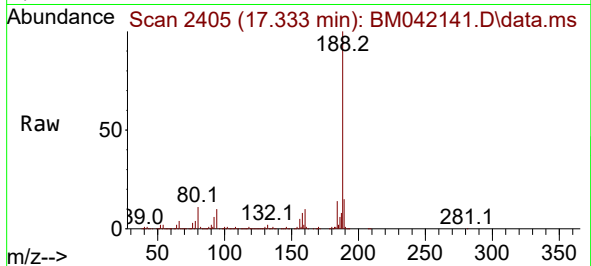




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.333 min Scan# 2411
Delta R.T. -0.035 min
Lab File: BM042141.D
Acq: 29 Sep 2023 11:57

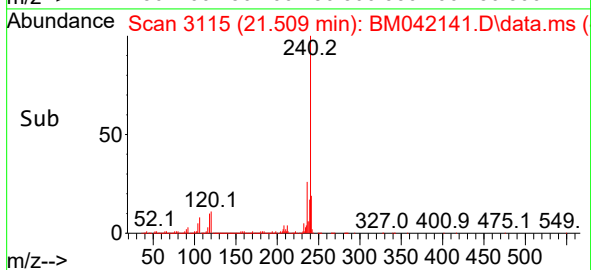
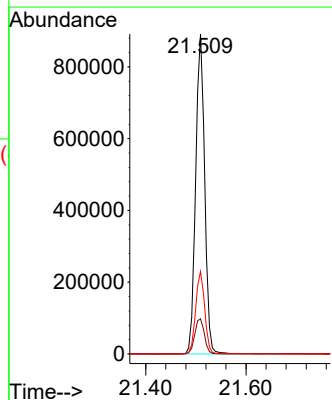
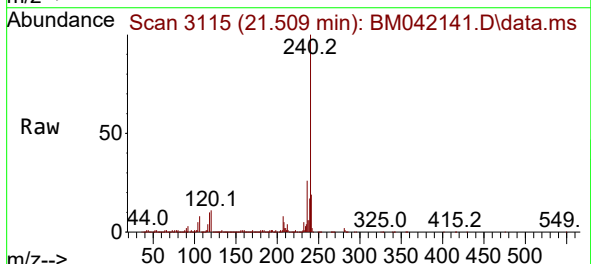
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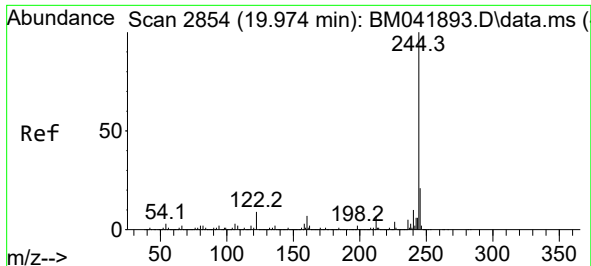
Tgt Ion:188 Resp: 1250711
Ion Ratio Lower Upper
188 100
94 10.0 7.6 11.4
80 11.4 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.509 min Scan# 3115
Delta R.T. -0.035 min
Lab File: BM042141.D
Acq: 29 Sep 2023 11:57

Tgt Ion:240 Resp: 1111819
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 25.8 20.7 31.1

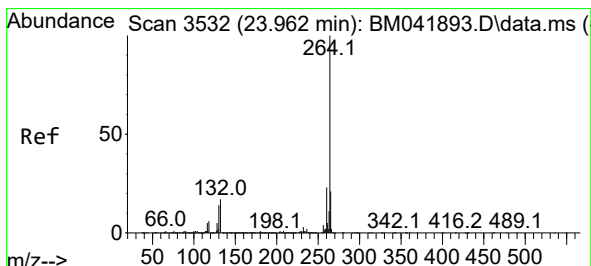
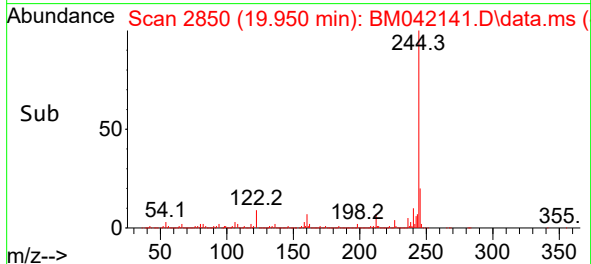
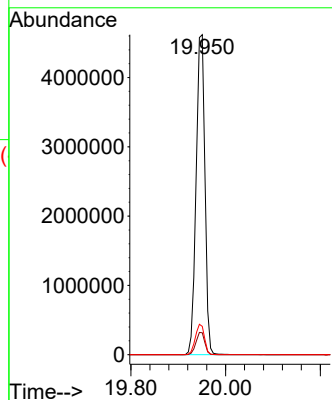
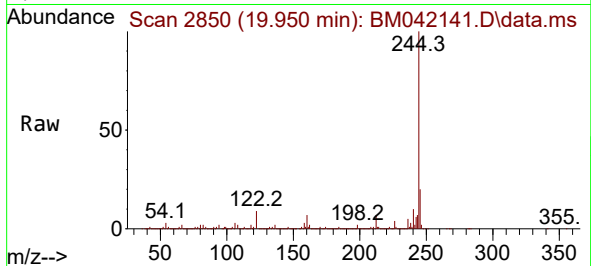




#79
 Terphenyl-d14
 Concen: 97.751 ng
 RT: 19.950 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BM042141.D
 Acq: 29 Sep 2023 11:57

Instrument :
 BNA_M
 ClientSampleId :
 PB155705BL

Tgt Ion:244 Resp: 5967271
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 8.8 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.915 min Scan# 3524
 Delta R.T. -0.047 min
 Lab File: BM042141.D
 Acq: 29 Sep 2023 11:57

Tgt Ion:264 Resp: 1110032
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.8 17.0 25.6

