

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062123\
 Data File : BM040341.D
 Acq On : 21 Jun 2023 19:05
 Operator : MA/JU
 Sample : 03016-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-45(OW)

Quant Time: Jun 22 04:38:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 15:54:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	294244	20.000	ng	0.00
21) Naphthalene-d8	10.769	136	1164498	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	560031	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	1005580	20.000	ng	0.00
76) Chrysene-d12	21.521	240	899232	20.000	ng	0.00
86) Perylene-d12	23.939	264	1079263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	782145	41.214	ng	0.00
7) Phenol-d6	7.122	99	636447	24.598	ng	0.00
23) Nitrobenzene-d5	9.128	82	2119211	95.293	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	496137	63.506	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	3897924	95.537	ng	0.00
79) Terphenyl-d14	19.962	244	4247791	91.787	ng	0.00

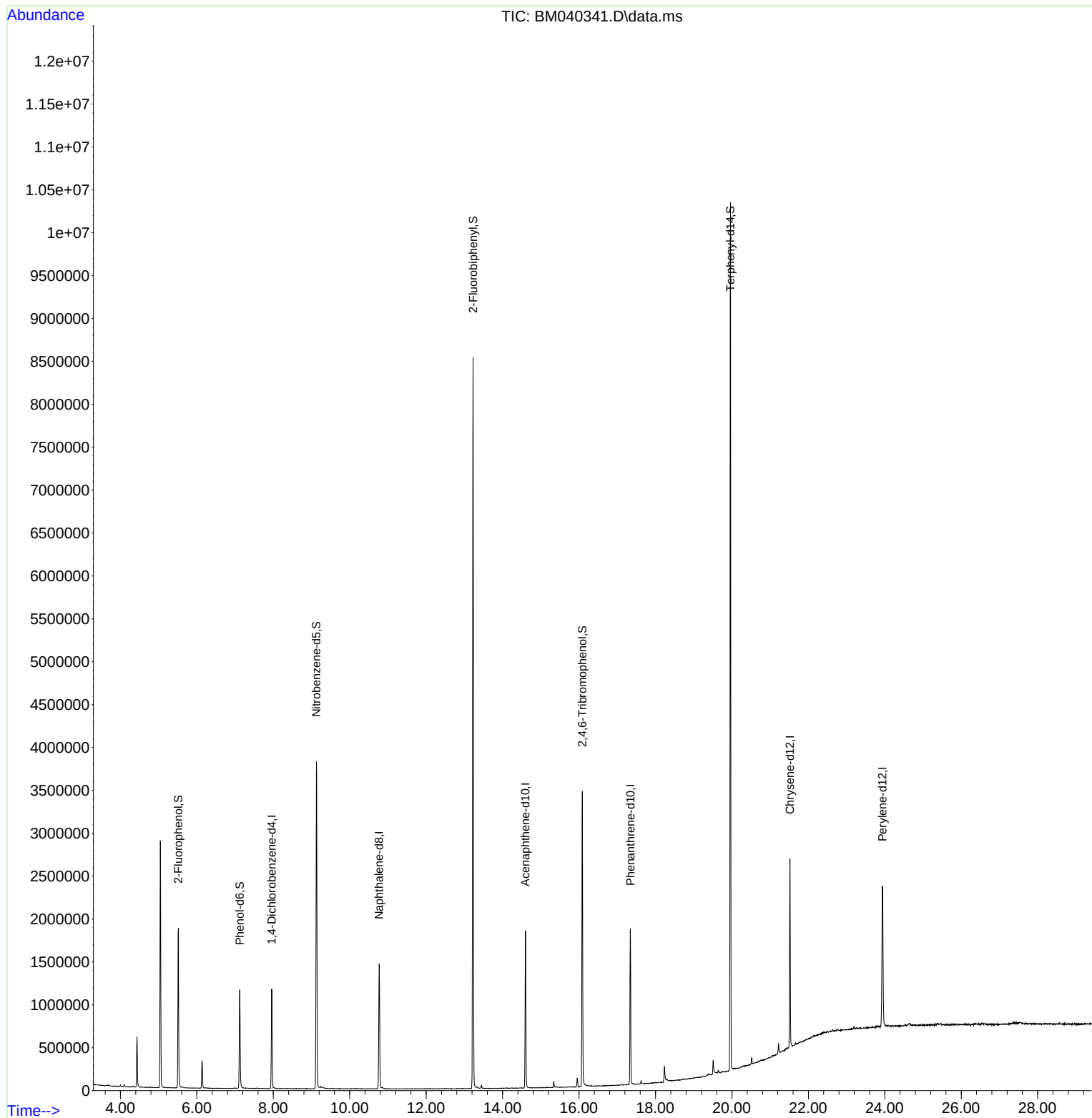
Target Compounds	Qvalue

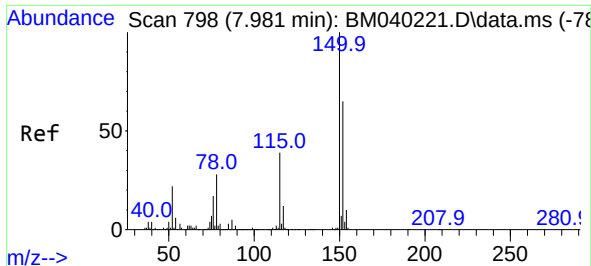
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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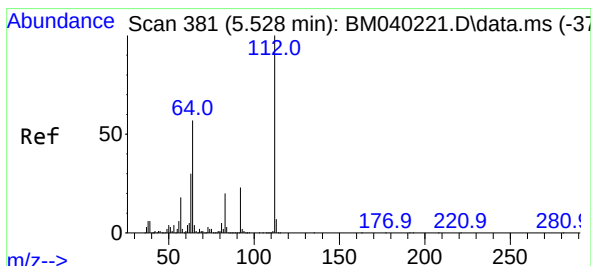
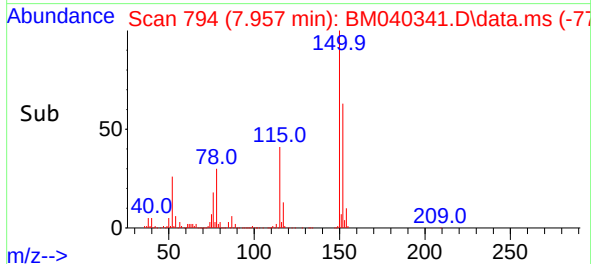
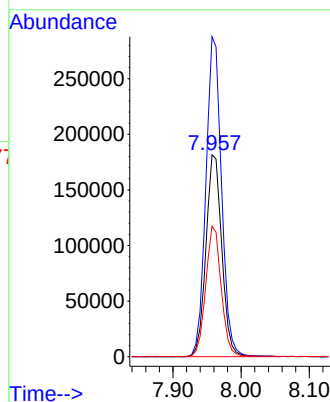
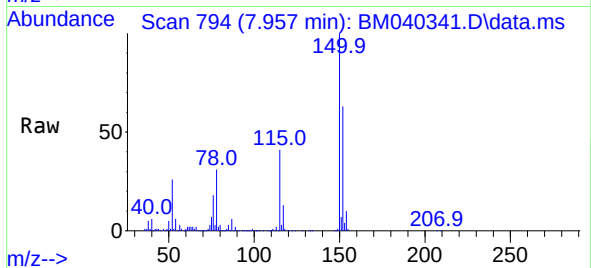




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 794
Delta R.T. -0.006 min
Lab File: BM040341.D
Acq: 21 Jun 2023 19:05

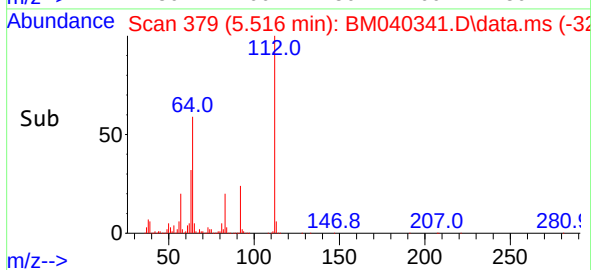
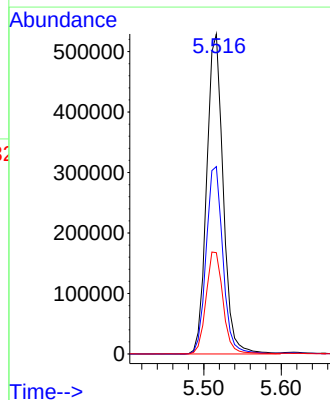
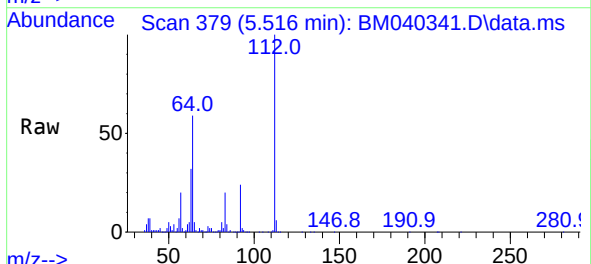
Instrument :
BNA_M
ClientSampleId :
B-45(OW)

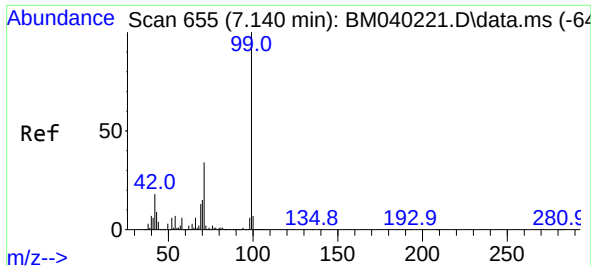
Tgt Ion:152 Resp: 294244
Ion Ratio Lower Upper
152 100
150 158.5 122.5 183.7
115 64.6 47.9 71.9



#5
2-Fluorophenol
Concen: 41.214 ng
RT: 5.516 min Scan# 379
Delta R.T. -0.000 min
Lab File: BM040341.D
Acq: 21 Jun 2023 19:05

Tgt Ion:112 Resp: 782145
Ion Ratio Lower Upper
112 100
64 58.6 45.2 67.8
63 31.7 24.2 36.4

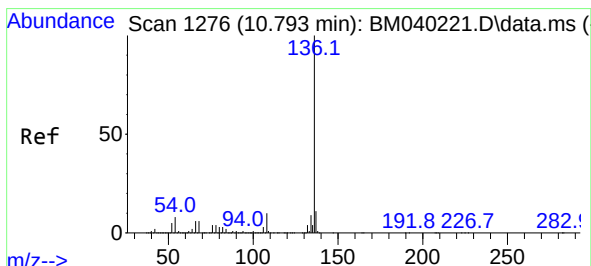
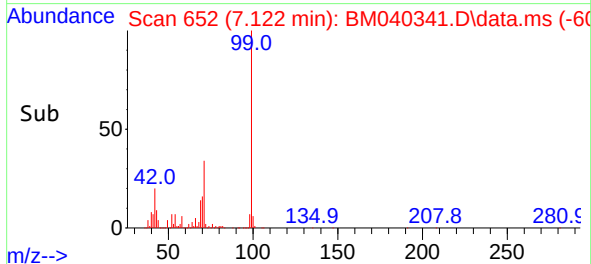
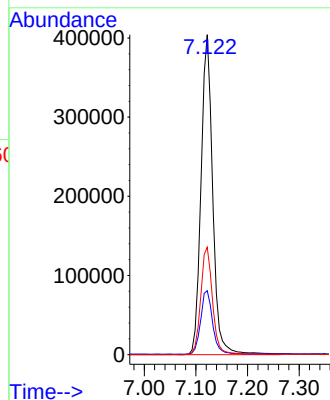
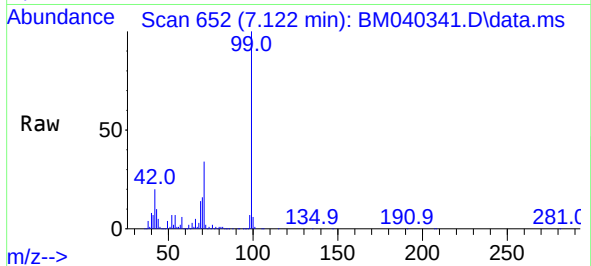




#7
Phenol-d6
Concen: 24.598 ng
RT: 7.122 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040341.D
Acq: 21 Jun 2023 19:05

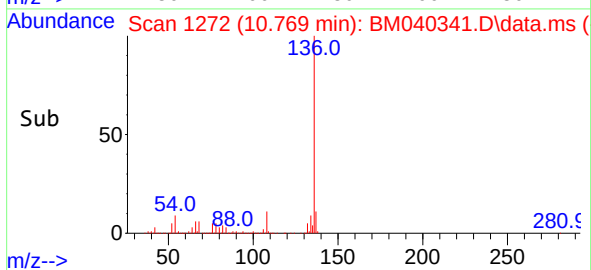
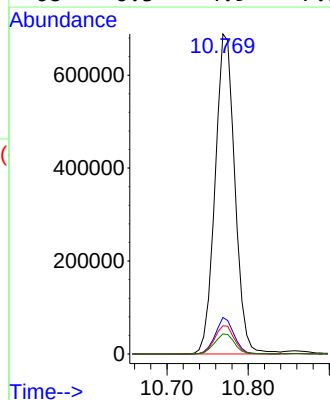
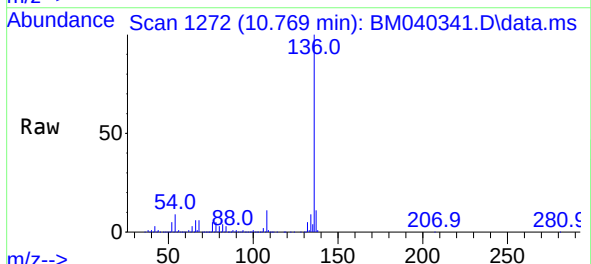
Instrument :
BNA_M
ClientSampleId :
B-45(OW)

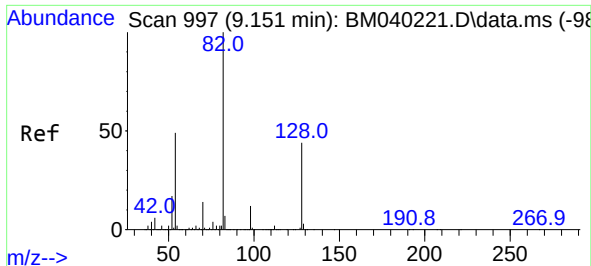
Tgt Ion: 99 Resp: 636447
Ion Ratio Lower Upper
99 100
42 20.0 14.5 21.7
71 33.6 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.769 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM040341.D
Acq: 21 Jun 2023 19:05

Tgt Ion: 136 Resp: 1164498
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 8.8 6.2 9.4
68 6.3 4.9 7.3

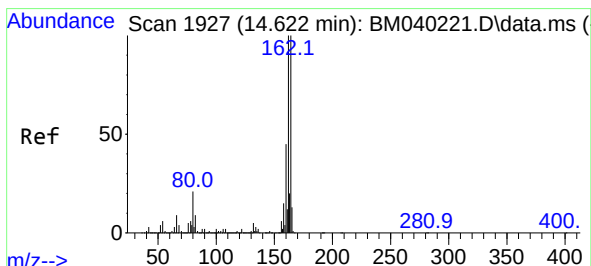
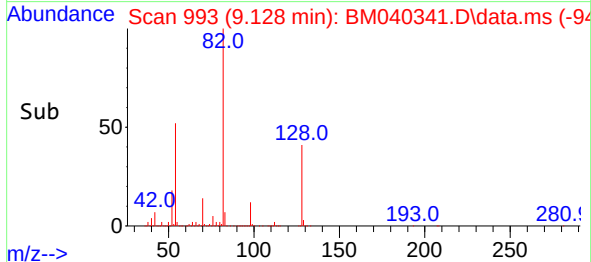
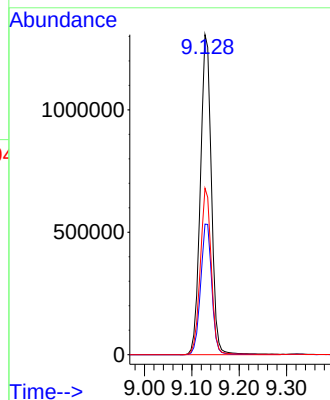
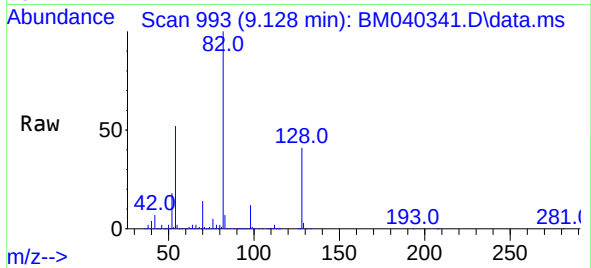




#23
Nitrobenzene-d5
Concen: 95.293 ng
RT: 9.128 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM040341.D
Acq: 21 Jun 2023 19:05

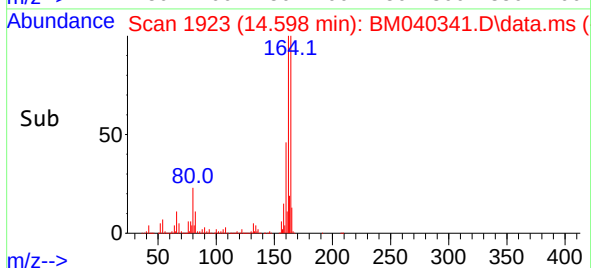
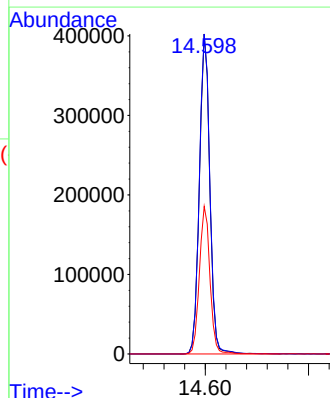
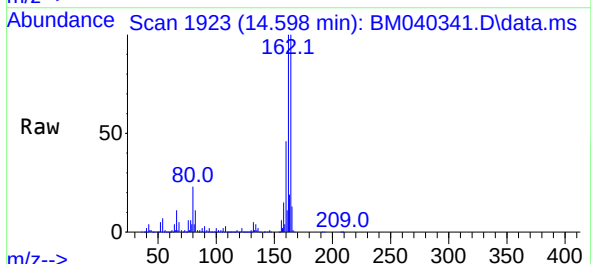
Instrument :
BNA_M
ClientSampleId :
B-45(OW)

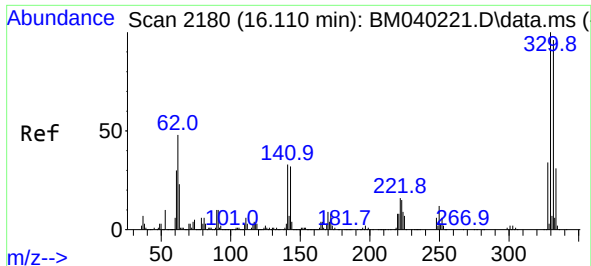
Tgt Ion: 82 Resp: 2119211
Ion Ratio Lower Upper
82 100
128 40.8 35.3 52.9
54 52.0 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BM040341.D
Acq: 21 Jun 2023 19:05

Tgt Ion: 164 Resp: 560031
Ion Ratio Lower Upper
164 100
162 99.9 79.9 119.9
160 46.1 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 63.506 ng

RT: 16.086 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040341.D

Acq: 21 Jun 2023 19:05

Instrument :

BNA_M

ClientSampleId :

B-45(OW)

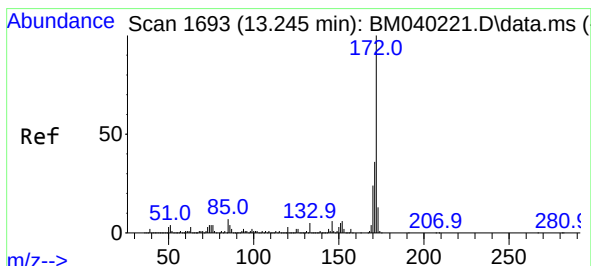
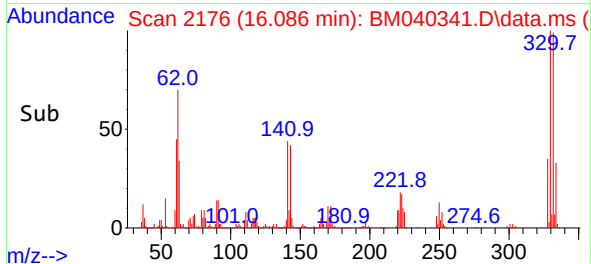
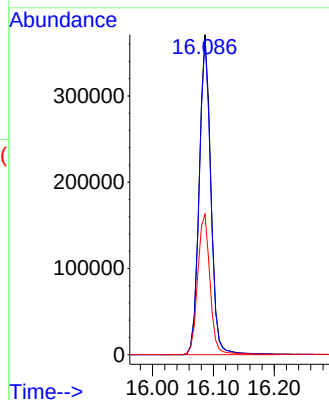
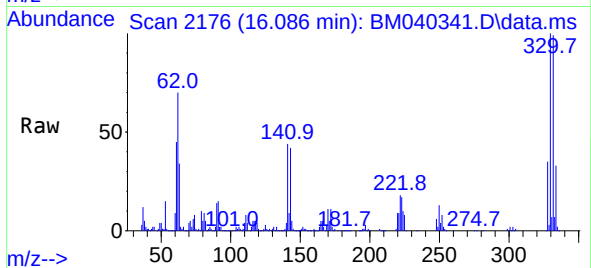
Tgt Ion:330 Resp: 496137

Ion Ratio Lower Upper

330 100

332 97.8 77.5 116.3

141 46.5 30.0 45.0#



#45

2-Fluorobiphenyl

Concen: 95.537 ng

RT: 13.227 min Scan# 1690

Delta R.T. -0.000 min

Lab File: BM040341.D

Acq: 21 Jun 2023 19:05

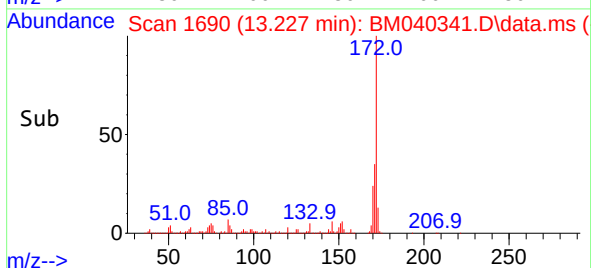
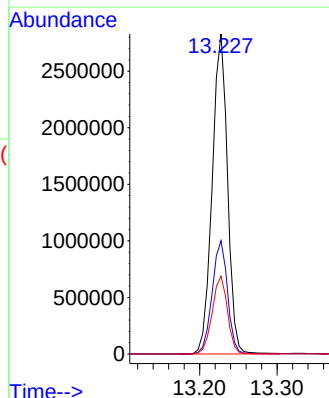
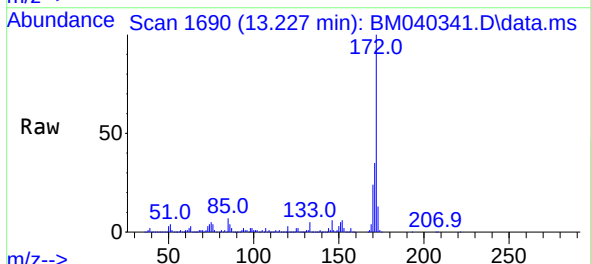
Tgt Ion:172 Resp: 3897924

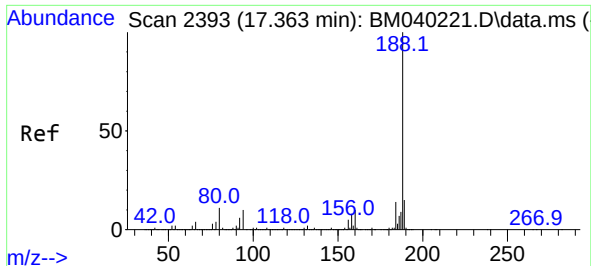
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 24.3 19.5 29.3

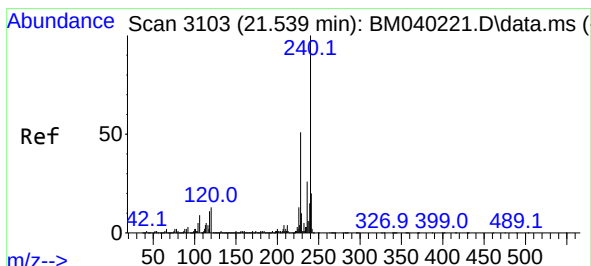
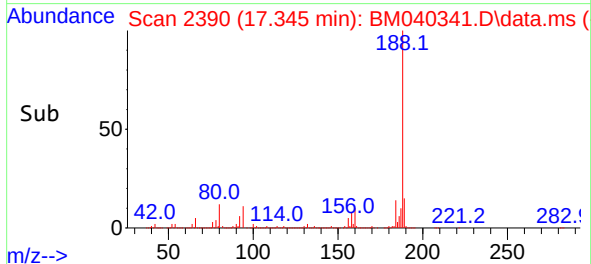
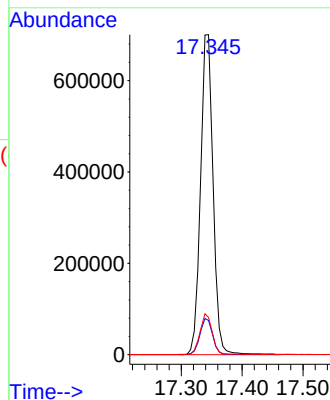
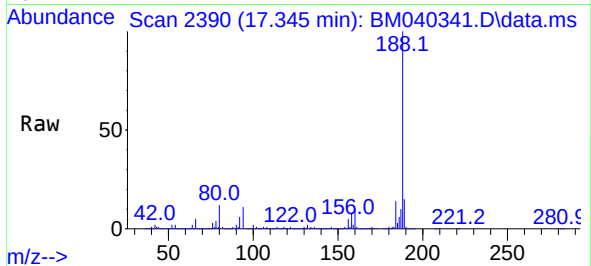




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040341.D
Acq: 21 Jun 2023 19:05

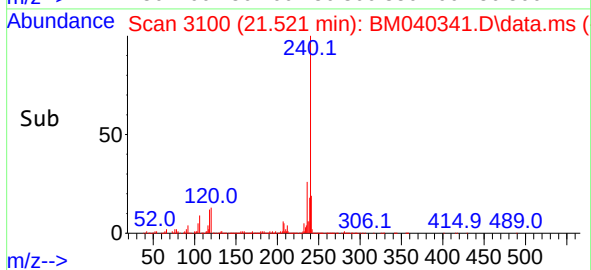
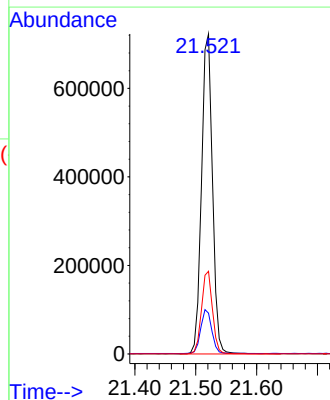
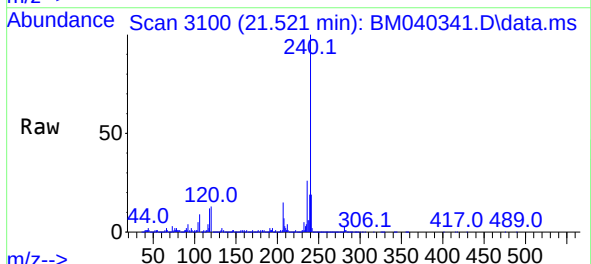
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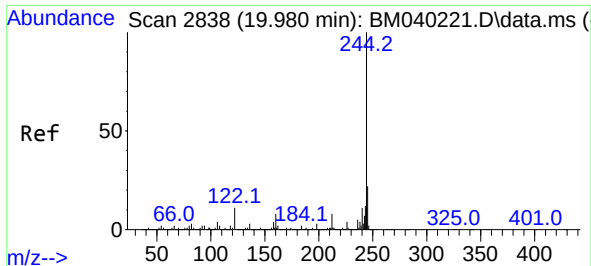
Tgt Ion:188 Resp: 1005580
Ion Ratio Lower Upper
188 100
94 10.7 7.8 11.6
80 11.6 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BM040341.D
Acq: 21 Jun 2023 19:05

Tgt Ion:240 Resp: 899232
Ion Ratio Lower Upper
240 100
120 12.7 10.1 15.1
236 25.9 21.0 31.4

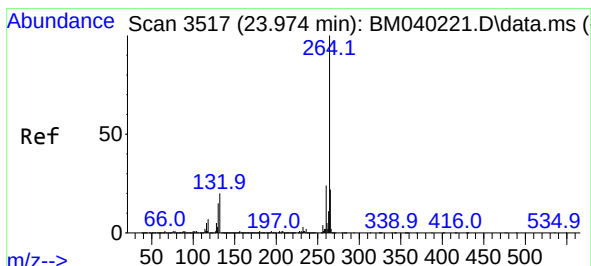
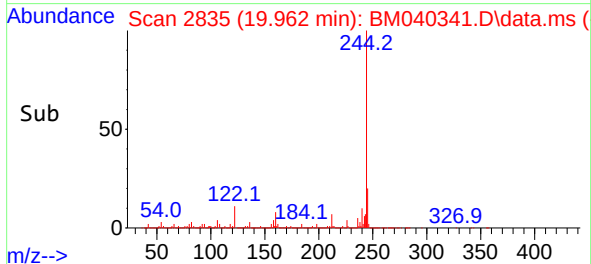
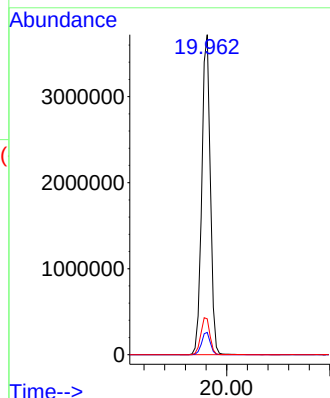
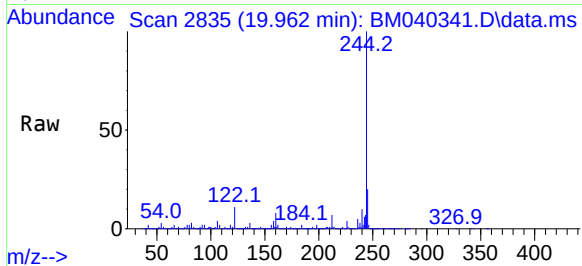




#79
 Terphenyl-d14
 Concen: 91.787 ng
 RT: 19.962 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040341.D
 Acq: 21 Jun 2023 19:05

Instrument :
 BNA_M
 ClientSampleId :
 B-45(OW)

Tgt Ion:244 Resp: 4247791
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 11.2 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.939 min Scan# 3511
 Delta R.T. -0.006 min
 Lab File: BM040341.D
 Acq: 21 Jun 2023 19:05

Tgt Ion:264 Resp: 1079263
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.8 17.5 26.3

