

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110923\
 Data File : BM042674.D
 Acq On : 09 Nov 2023 16:45
 Operator : MA/JU
 Sample : 05257-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-6

Quant Time: Nov 09 17:23:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 13:21:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	30624	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	105245	20.000	ng	# 0.00
39) Acenaphthene-d10	14.498	164	59975	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	127161	20.000	ng	# 0.00
76) Chrysene-d12	21.439	240	121558	20.000	ng	0.00
86) Perylene-d12	23.815	264	158384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	227080	119.671	ng	0.00
7) Phenol-d6	7.010	99	260303	100.024	ng	0.00
23) Nitrobenzene-d5	9.045	82	216718	95.991	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	119364	152.440	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	411901	92.414	ng	0.00
79) Terphenyl-d14	19.874	244	683970	95.407	ng	0.00

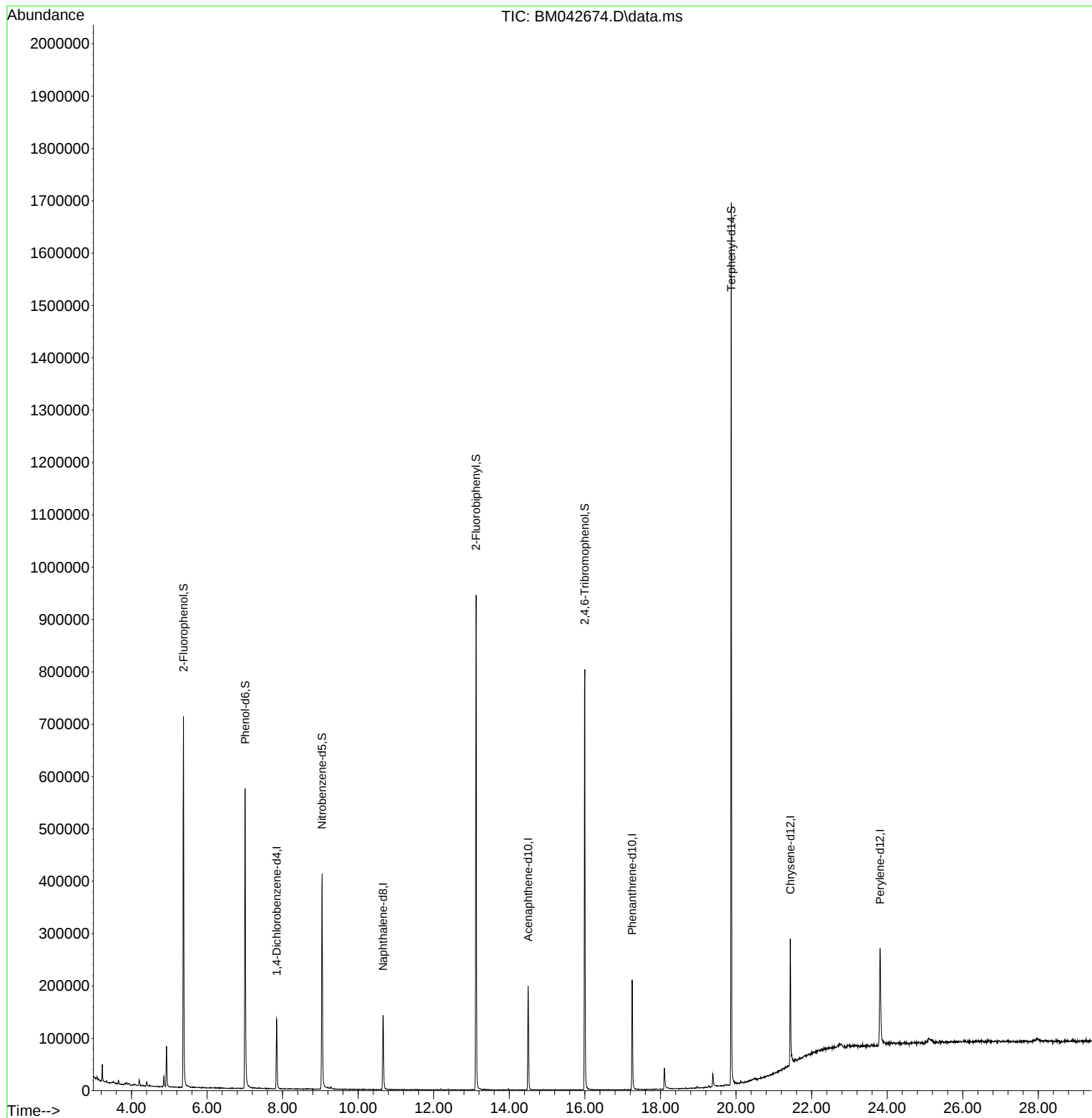
Target Compounds	Qvalue

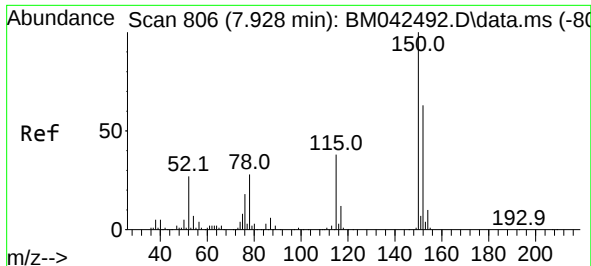
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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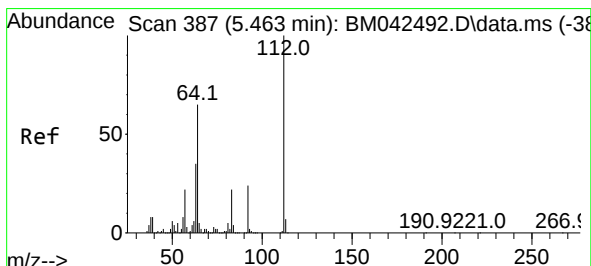
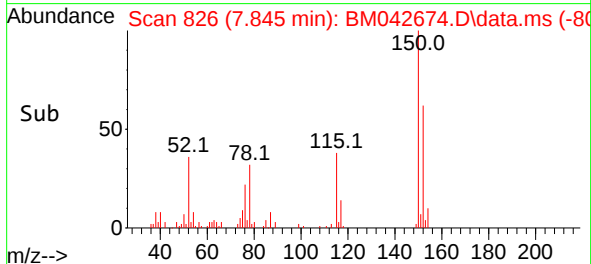
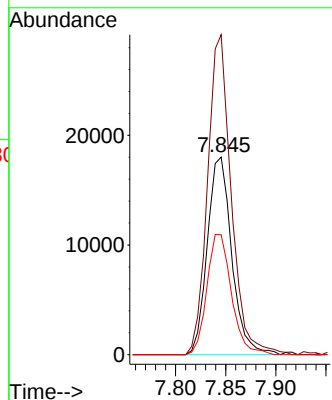
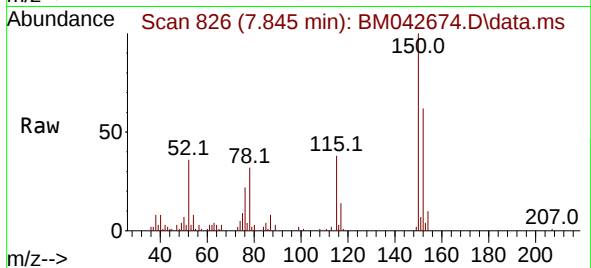




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 806
Delta R.T. 0.000 min
Lab File: BM042674.D
Acq: 09 Nov 2023 16:45

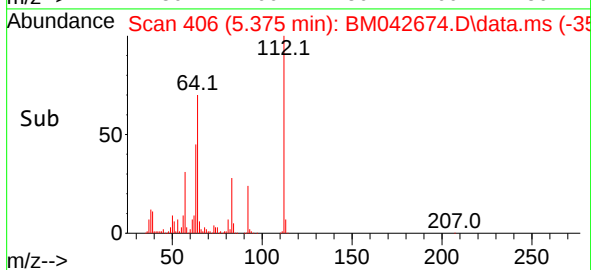
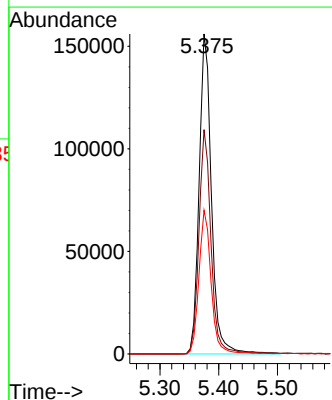
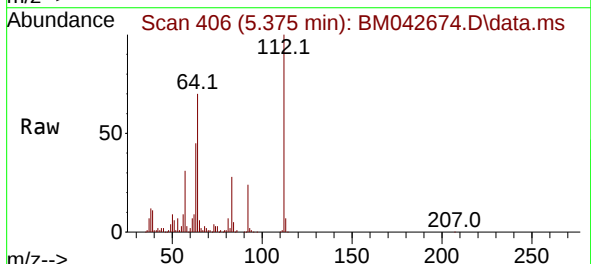
Instrument :
BNA_M
ClientSampleId :
WC-6

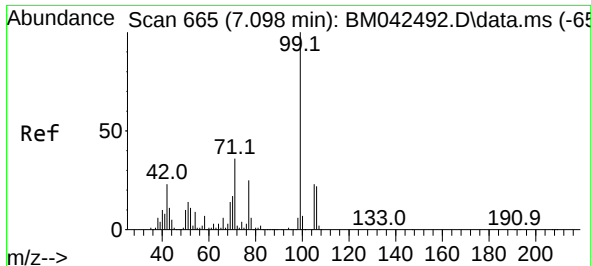
Tgt Ion:152 Resp: 30624
Ion Ratio Lower Upper
152 100
150 161.9 127.4 191.0
115 60.7 47.9 71.9



#5
2-Fluorophenol
Concen: 119.671 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BM042674.D
Acq: 09 Nov 2023 16:45

Tgt Ion:112 Resp: 227080
Ion Ratio Lower Upper
112 100
64 70.1 52.1 78.1
63 44.9 28.3 42.5

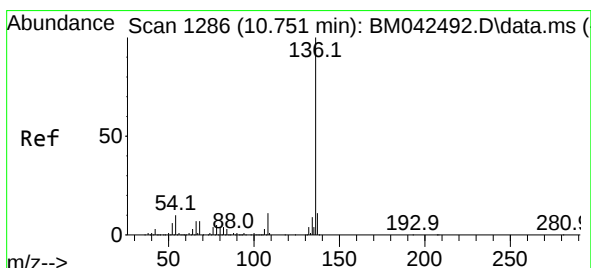
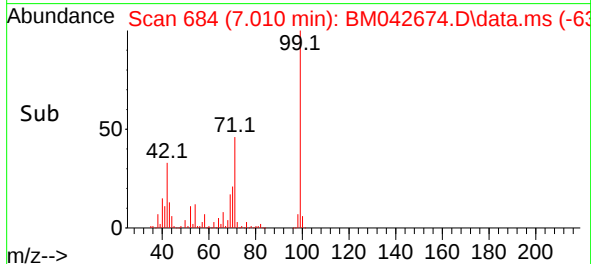
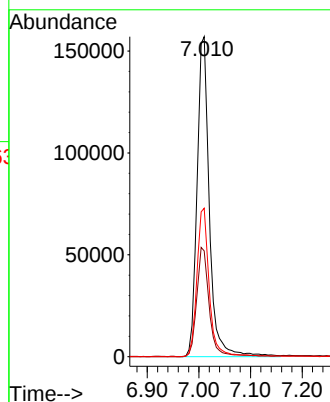
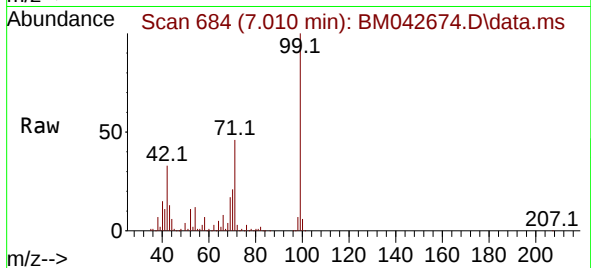




#7
Phenol-d6
Concen: 100.024 ng
RT: 7.010 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM042674.D
Acq: 09 Nov 2023 16:45

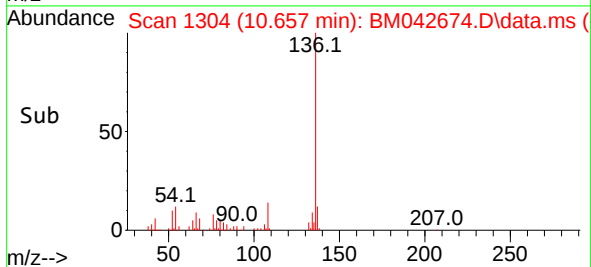
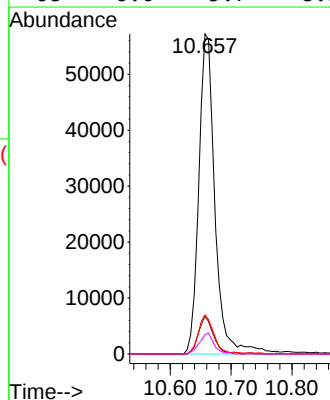
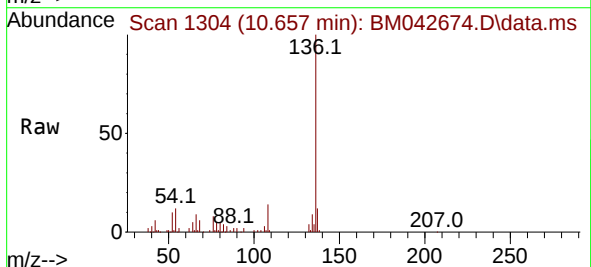
Instrument :
BNA_M
ClientSampleId :
WC-6

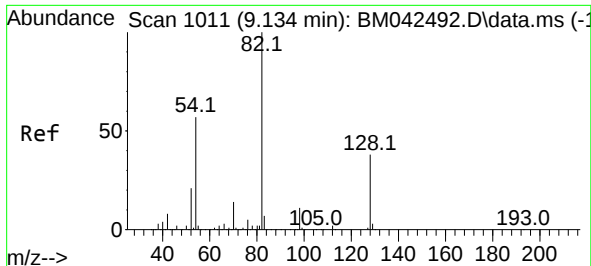
Tgt Ion: 99 Resp: 260303
Ion Ratio Lower Upper
99 100
42 33.1 18.7 28.1#
71 46.4 29.1 43.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM042674.D
Acq: 09 Nov 2023 16:45

Tgt Ion:136 Resp: 105245
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.6
54 12.1 8.0 12.0#
68 6.0 5.7 8.5

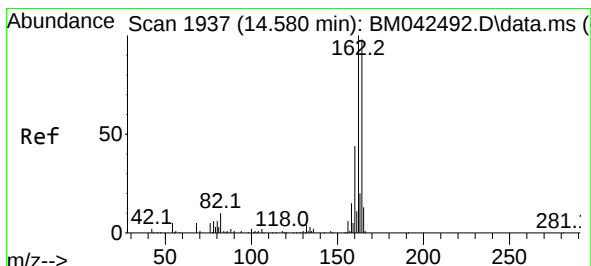
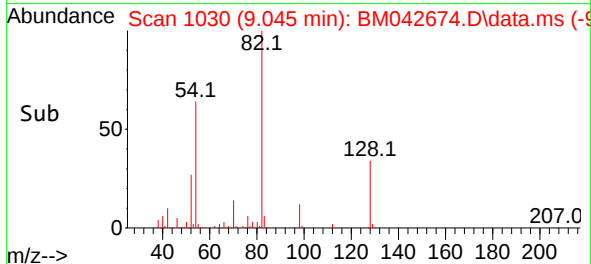
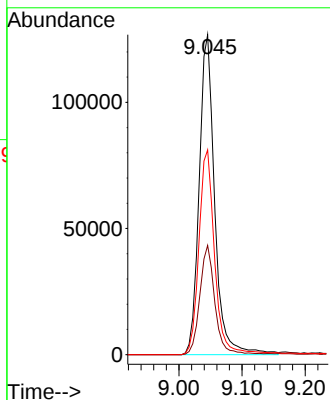
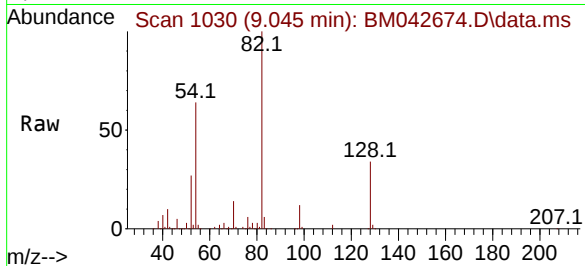




#23
Nitrobenzene-d5
Concen: 95.991 ng
RT: 9.045 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BM042674.D
Acq: 09 Nov 2023 16:45

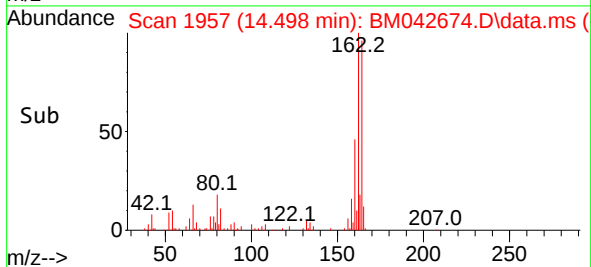
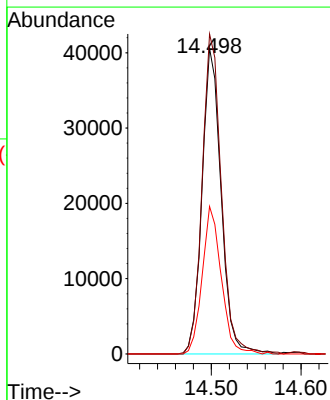
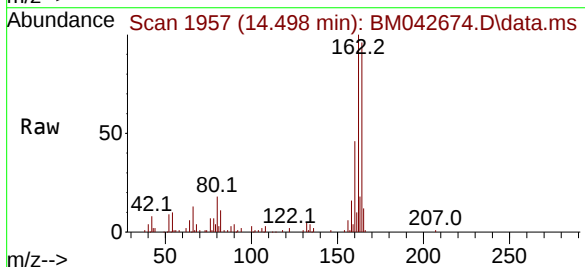
Instrument :
BNA_M
ClientSampleId :
WC-6

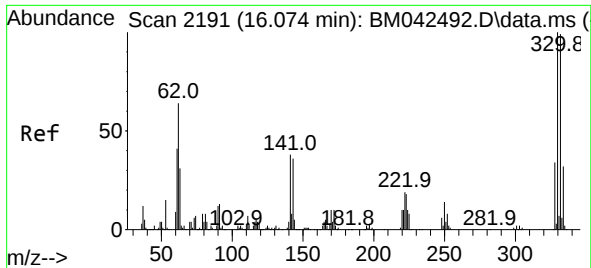
Tgt Ion: 82 Resp: 216718
Ion Ratio Lower Upper
82 100
128 34.1 30.7 46.1
54 64.0 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BM042674.D
Acq: 09 Nov 2023 16:45

Tgt Ion: 164 Resp: 59975
Ion Ratio Lower Upper
164 100
162 104.7 81.6 122.4
160 48.3 36.2 54.4

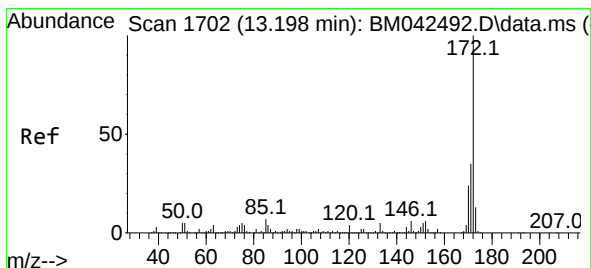
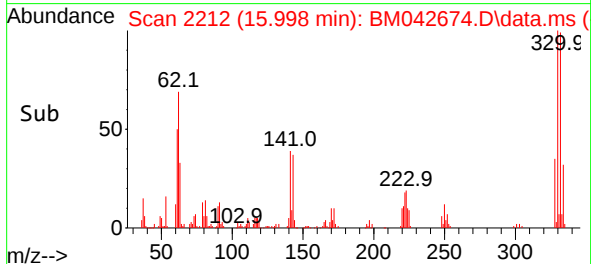
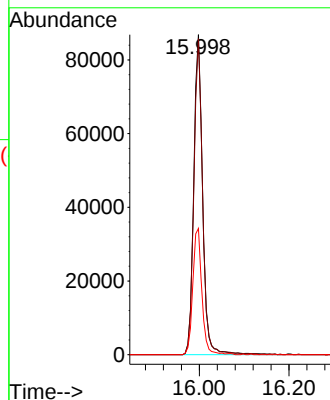
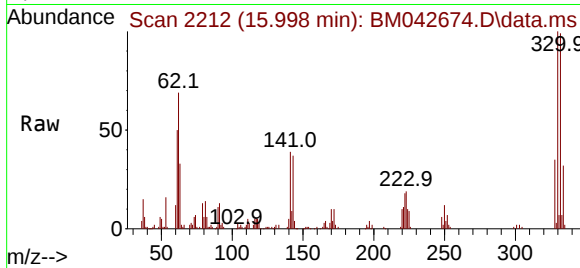




#42
2,4,6-Tribromophenol
Concen: 152.440 ng
RT: 15.998 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BM042674.D
Acq: 09 Nov 2023 16:45

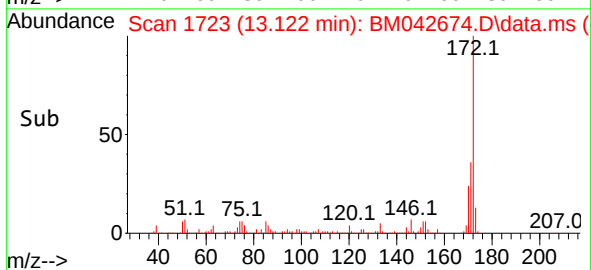
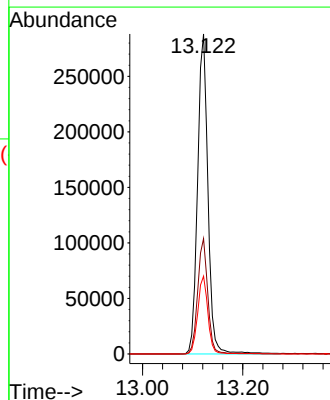
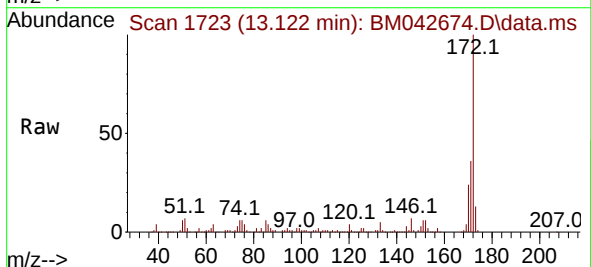
Instrument :
BNA_M
ClientSampleId :
WC-6

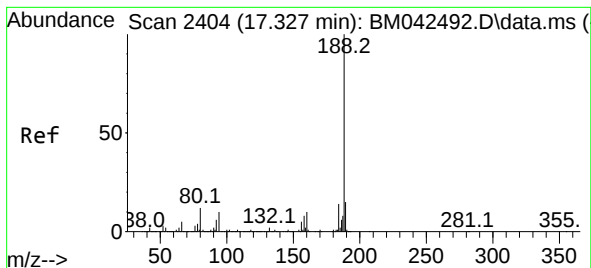
Tgt Ion:330 Resp: 119364
Ion Ratio Lower Upper
330 100
332 97.1 78.8 118.2
141 40.4 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 92.414 ng
RT: 13.122 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM042674.D
Acq: 09 Nov 2023 16:45

Tgt Ion:172 Resp: 411901
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 24.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.251 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM042674.D

Acq: 09 Nov 2023 16:45

Instrument :

BNA_M

ClientSampleId :

WC-6

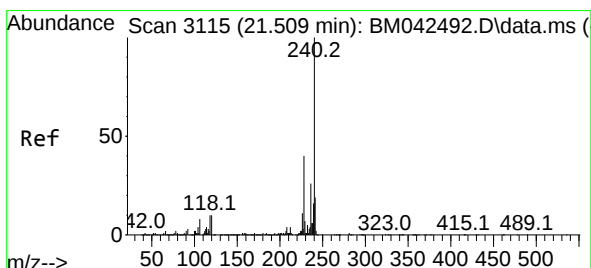
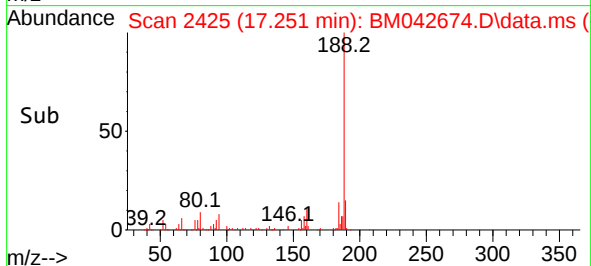
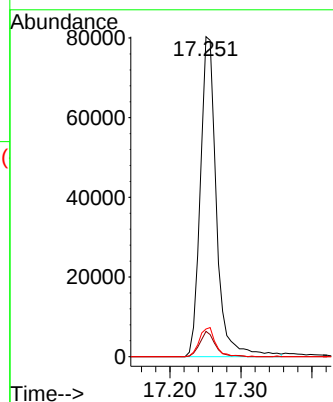
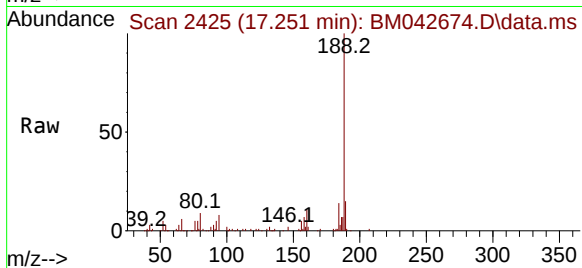
Tgt Ion:188 Resp: 127161

Ion Ratio Lower Upper

188 100

94 7.9 8.2 12.4#

80 8.7 9.4 14.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BM042674.D

Acq: 09 Nov 2023 16:45

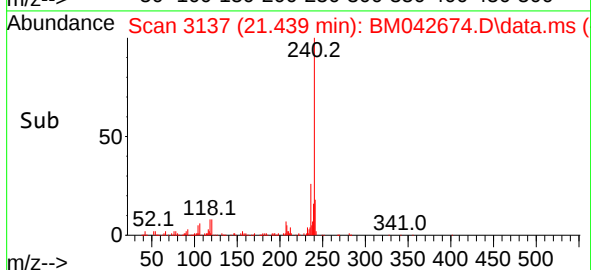
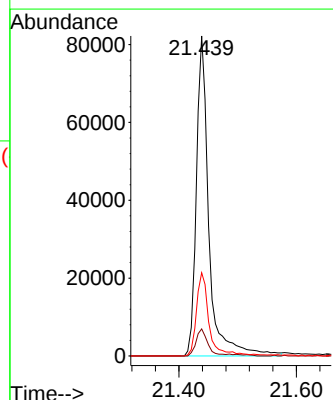
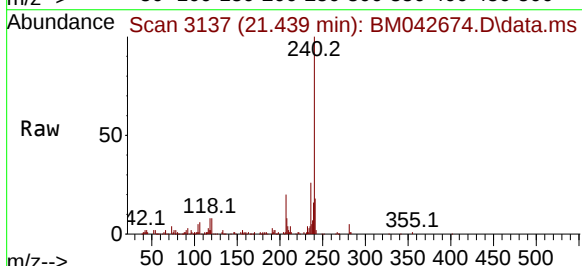
Tgt Ion:240 Resp: 121558

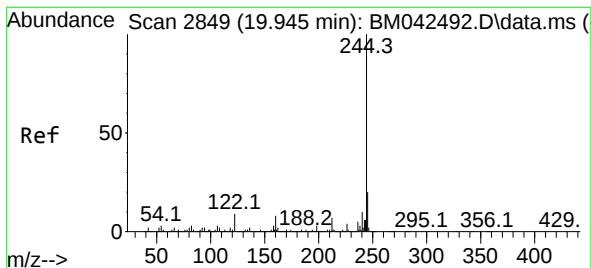
Ion Ratio Lower Upper

240 100

120 8.4 8.3 12.5

236 26.0 20.8 31.2





#79

Terphenyl-d14

Concen: 95.407 ng

RT: 19.874 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM042674.D

Acq: 09 Nov 2023 16:45

Instrument :

BNA_M

ClientSampleId :

WC-6

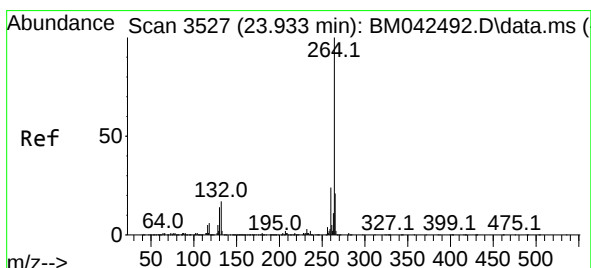
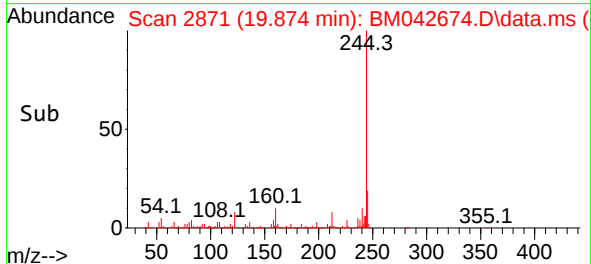
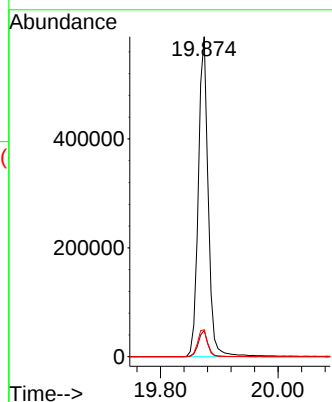
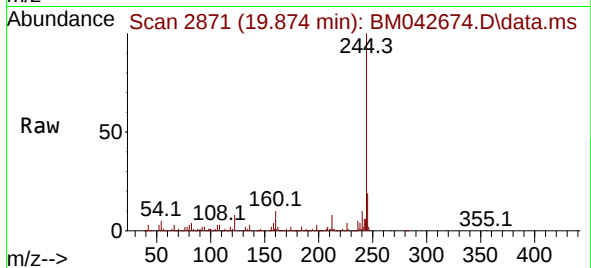
Tgt Ion:244 Resp: 683970

Ion Ratio Lower Upper

244 100

212 8.2 5.4 8.2#

122 8.4 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.815 min Scan# 3541

Delta R.T. 0.000 min

Lab File: BM042674.D

Acq: 09 Nov 2023 16:45

Tgt Ion:264 Resp: 158384

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 21.2 18.7 28.1

