

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103122\
 Data File : BM037294.D
 Acq On : 31 Oct 2022 17:45
 Operator : CG/JU
 Sample : N5341-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-1

Quant Time: Nov 01 05:04:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 31 01:34:15 2022
 Response via : Initial Calibration

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

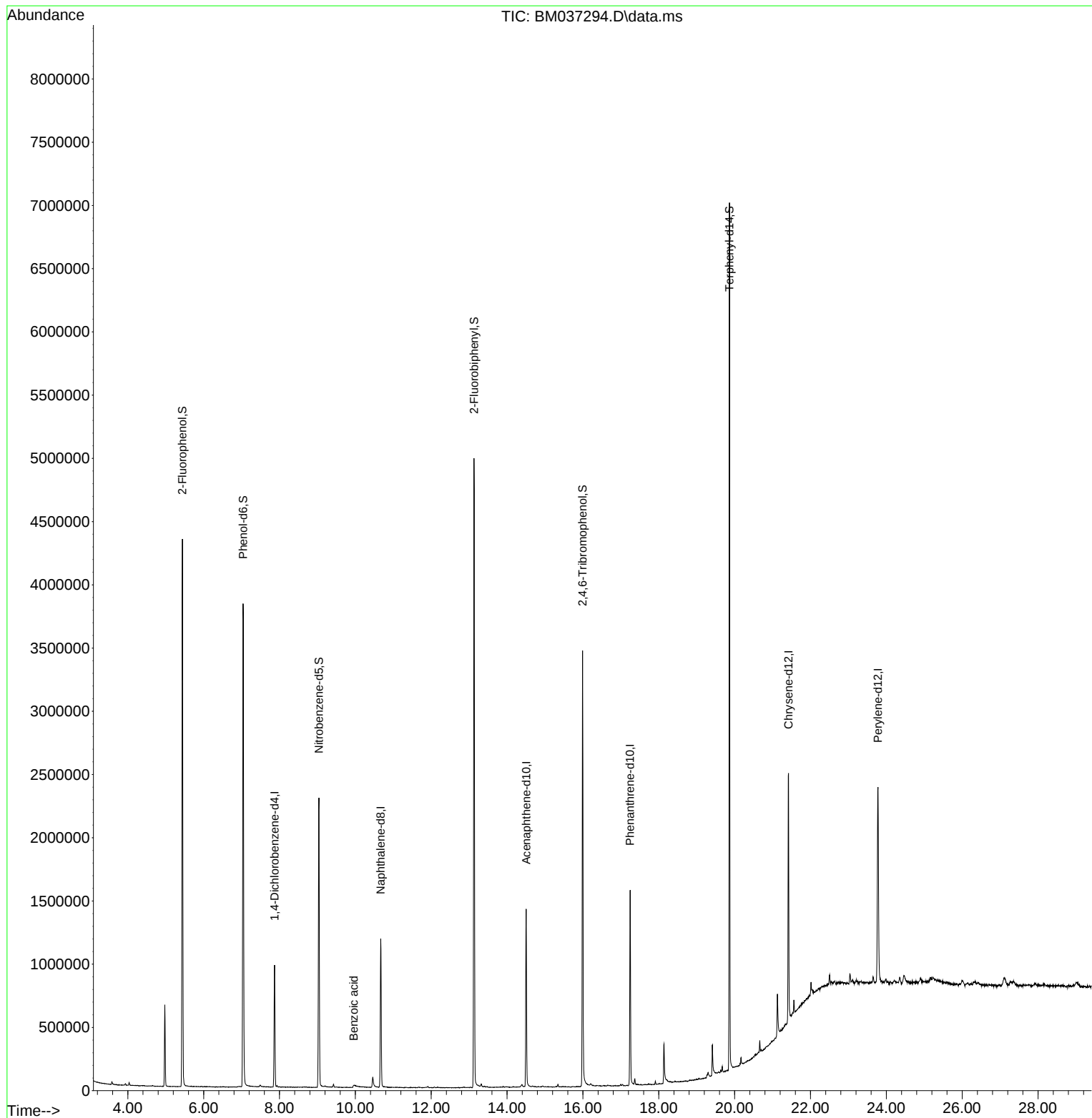
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	258706	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	962173	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	493420	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	918172	20.000	ng	0.00
76) Chrysene-d12	21.421	240	938717	20.000	ng	0.00
86) Perylene-d12	23.780	264	1150917	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1815039	121.208	ng	0.00
7) Phenol-d6	7.040	99	2205176	108.503	ng	0.00
23) Nitrobenzene-d5	9.040	82	1308976	68.638	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	653072	112.312	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	2504154	67.432	ng	-0.01
79) Terphenyl-d14	19.863	244	3063383	58.521	ng	0.00
Target Compounds						
32) Benzoic acid	9.957	122	16869	8.211	ng	99

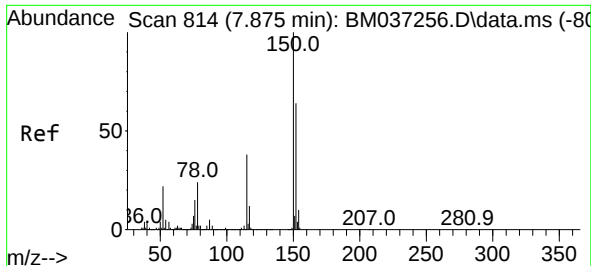
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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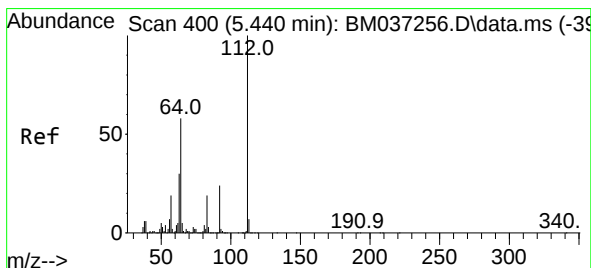
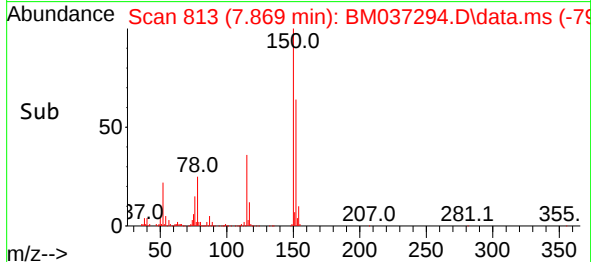
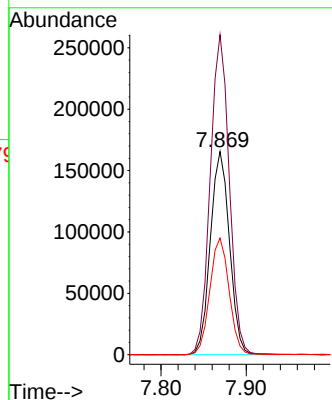
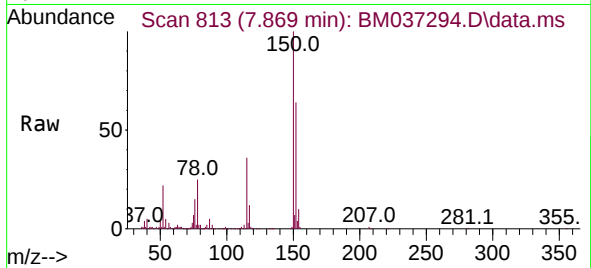




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM037294.D
Acq: 31 Oct 2022 17:45

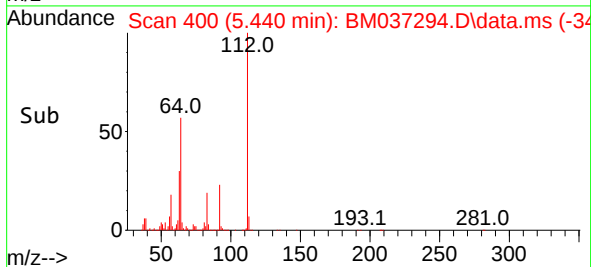
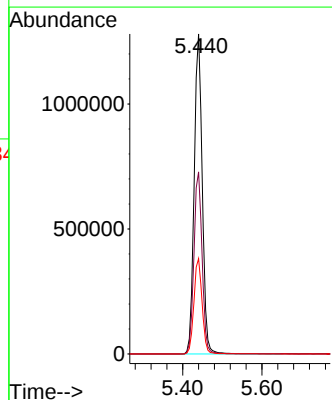
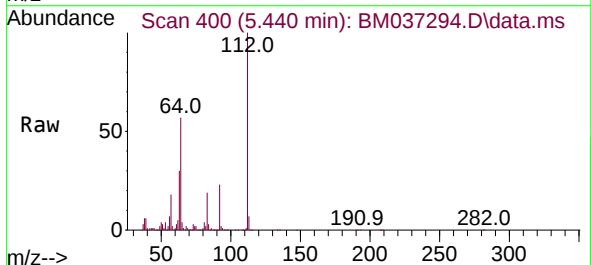
Instrument :
BNA_M
ClientSampleId :
WC-1

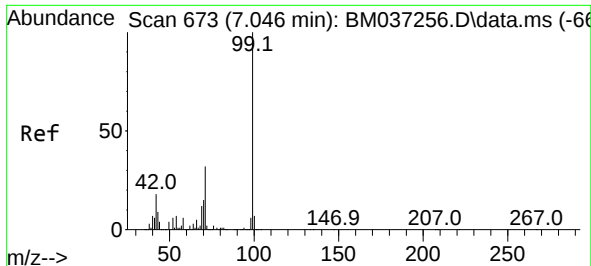
Tgt Ion:152 Resp: 258706
Ion Ratio Lower Upper
152 100
150 157.4 124.8 187.2
115 57.4 47.0 70.4



#5
2-Fluorophenol
Concen: 121.208 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.000 min
Lab File: BM037294.D
Acq: 31 Oct 2022 17:45

Tgt Ion:112 Resp: 1815039
Ion Ratio Lower Upper
112 100
64 56.9 46.8 70.2
63 29.8 24.4 36.6



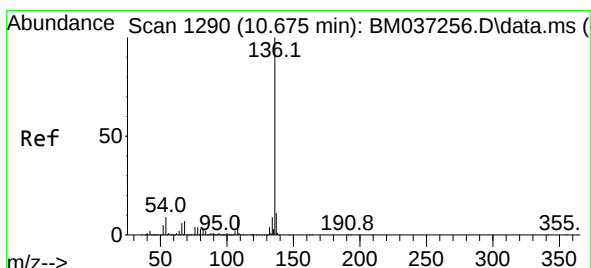
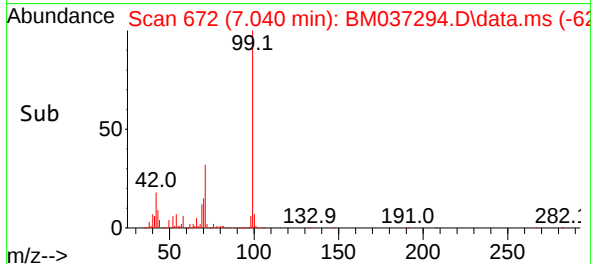
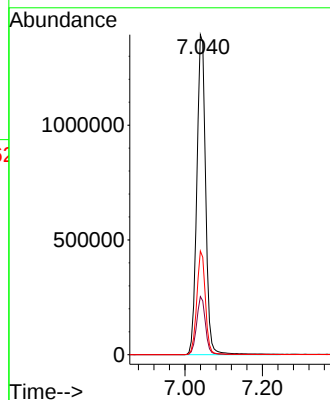
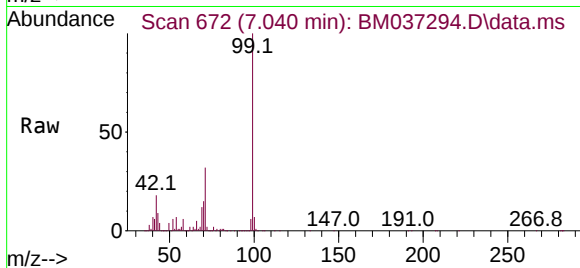


#7
Phenol-d6
Concen: 108.503 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM037294.D
Acq: 31 Oct 2022 17:45

Instrument :
BNA_M
ClientSampleId :
WC-1

Tgt Ion: 99 Resp: 2205176

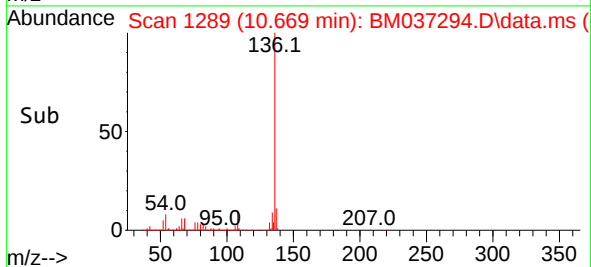
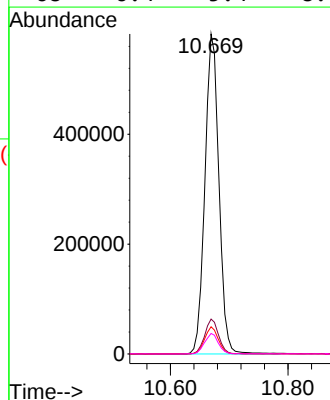
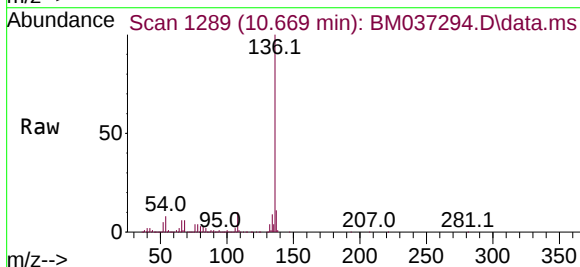
Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.8	22.2
71	32.4	25.6	38.4

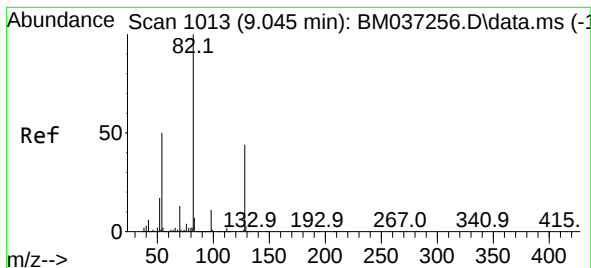


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM037294.D
Acq: 31 Oct 2022 17:45

Tgt Ion: 136 Resp: 962173

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.5	7.0	10.4
68	6.4	5.4	8.0





#23

Nitrobenzene-d5

Concen: 68.638 ng

RT: 9.040 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM037294.D

Acq: 31 Oct 2022 17:45

Instrument :

BNA_M

ClientSampleId :

WC-1

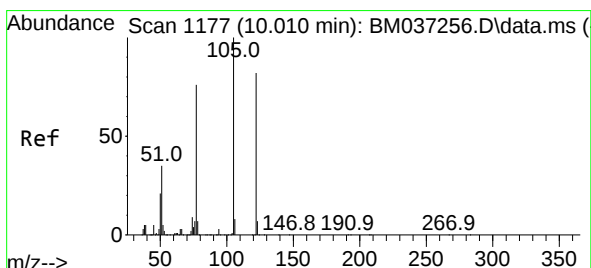
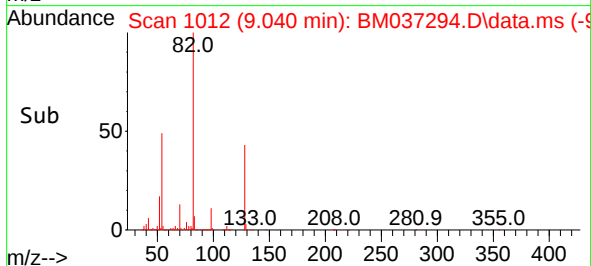
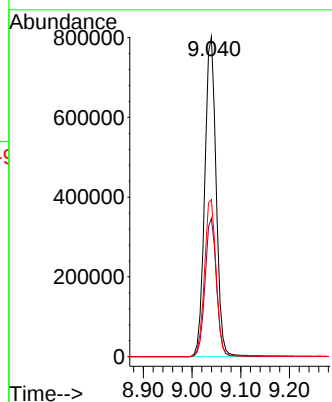
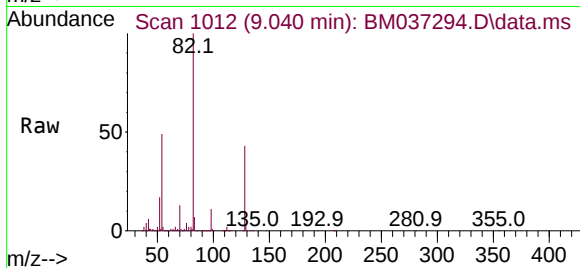
Tgt Ion: 82 Resp: 1308976

Ion Ratio Lower Upper

82 100

128 43.3 35.2 52.8

54 49.1 40.4 60.6



#32

Benzoic acid

Concen: 8.211 ng

RT: 9.957 min Scan# 1168

Delta R.T. -0.053 min

Lab File: BM037294.D

Acq: 31 Oct 2022 17:45

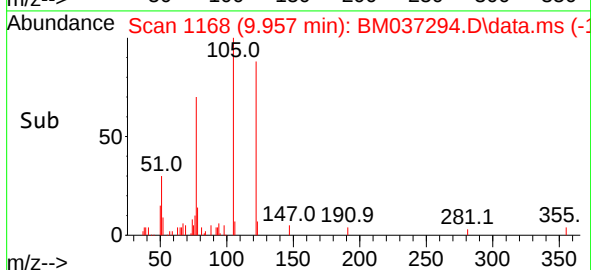
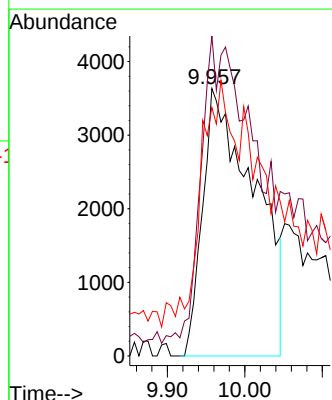
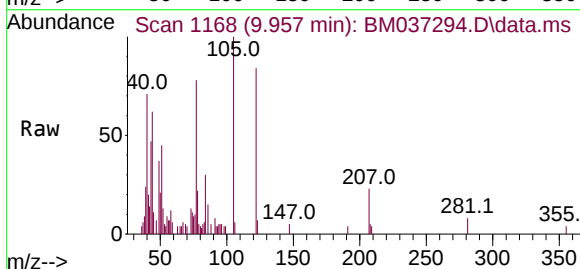
Tgt Ion:122 Resp: 16869

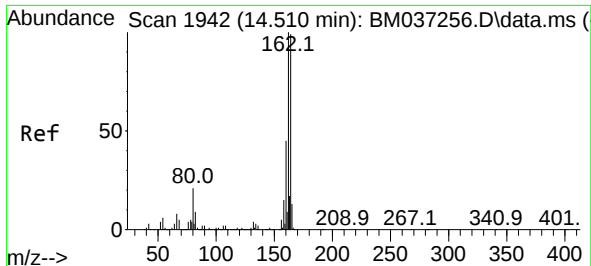
Ion Ratio Lower Upper

122 100

105 119.7 100.1 140.1

77 92.9 71.7 111.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.504 min Scan# 1941

Delta R.T. -0.006 min

Lab File: BM037294.D

Acq: 31 Oct 2022 17:45

Instrument :

BNA_M

ClientSampleId :

WC-1

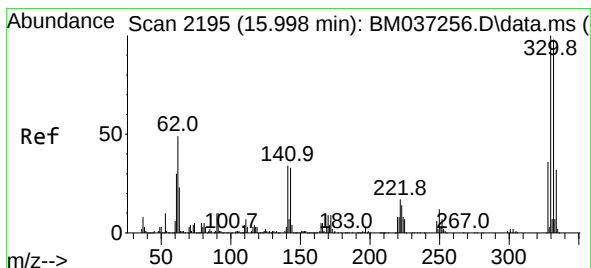
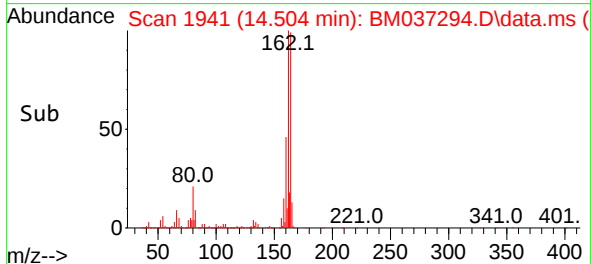
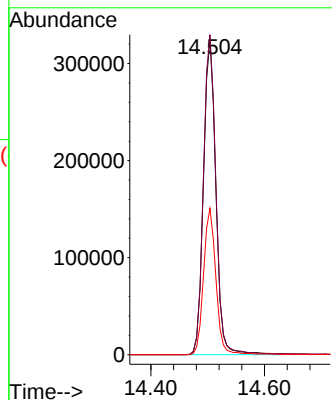
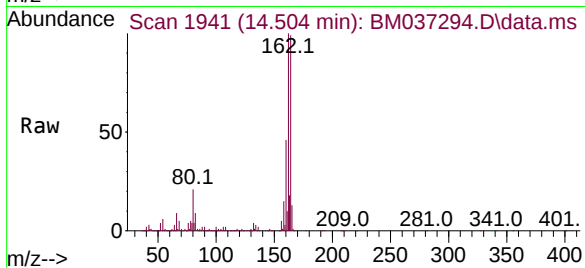
Tgt Ion:164 Resp: 493420

Ion Ratio Lower Upper

164 100

162 101.3 80.6 120.8

160 46.3 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 112.312 ng

RT: 15.992 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BM037294.D

Acq: 31 Oct 2022 17:45

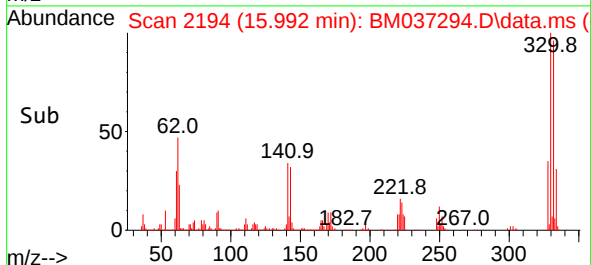
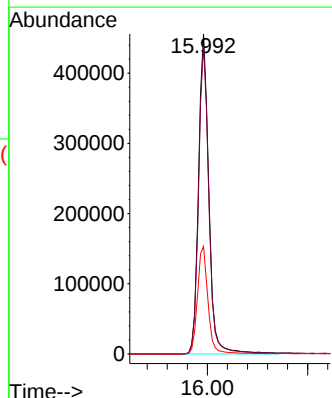
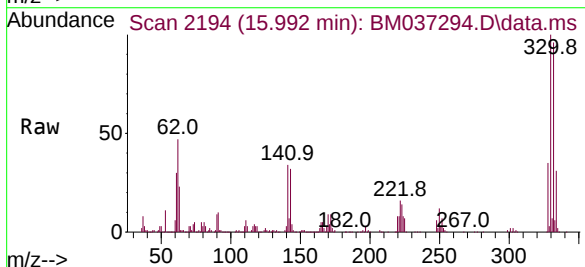
Tgt Ion:330 Resp: 653072

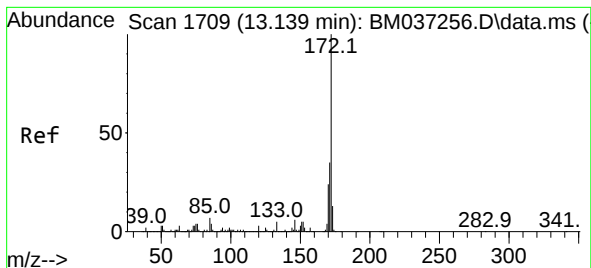
Ion Ratio Lower Upper

330 100

332 95.2 78.0 117.0

141 34.3 27.5 41.3





#45

2-Fluorobiphenyl

Concen: 67.432 ng

RT: 13.128 min Scan# 1

Delta R.T. -0.011 min

Lab File: BM037294.D

Acq: 31 Oct 2022 17:45

Instrument :

BNA_M

ClientSampleId :

WC-1

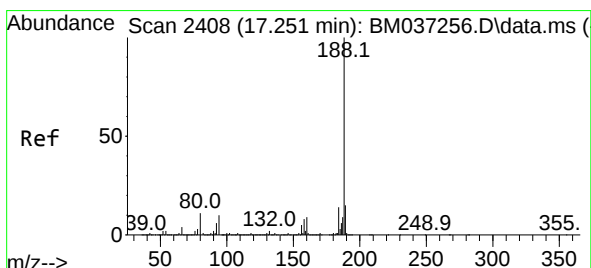
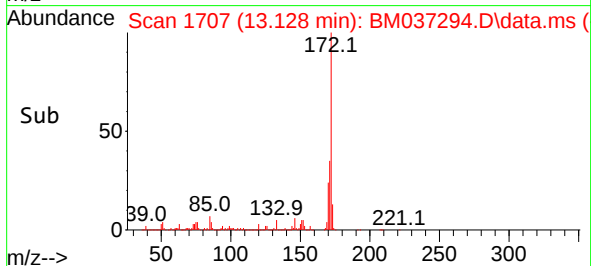
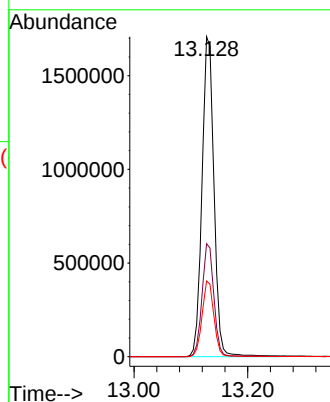
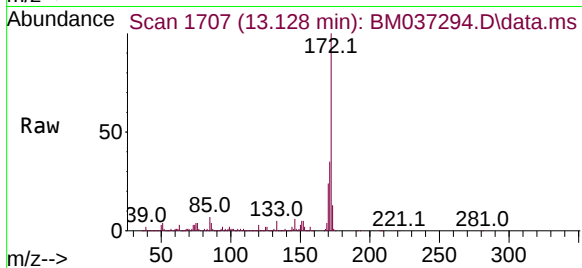
Tgt Ion:172 Resp: 2504154

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.6 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.245 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BM037294.D

Acq: 31 Oct 2022 17:45

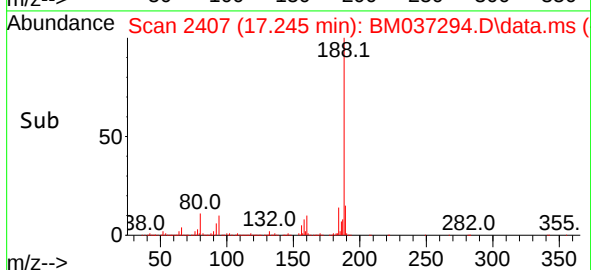
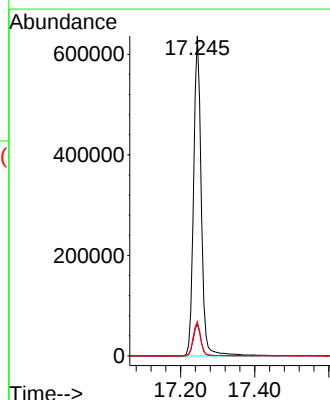
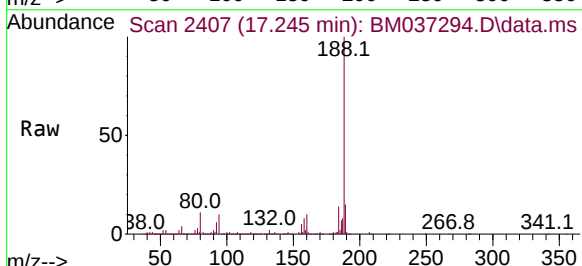
Tgt Ion:188 Resp: 918172

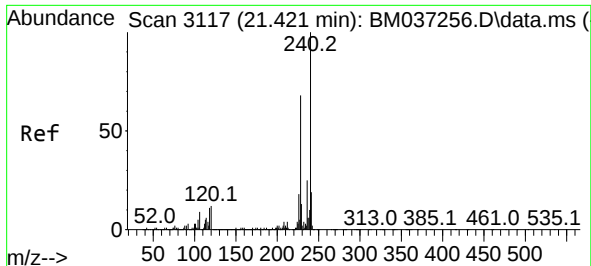
Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 10.7 8.5 12.7

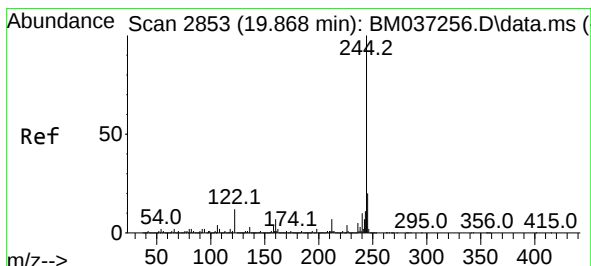
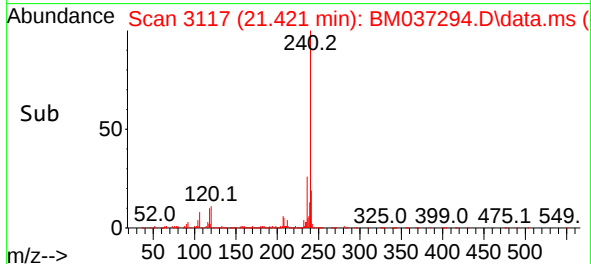
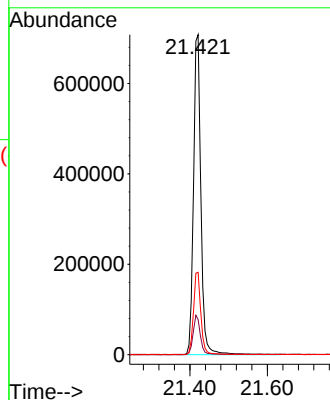
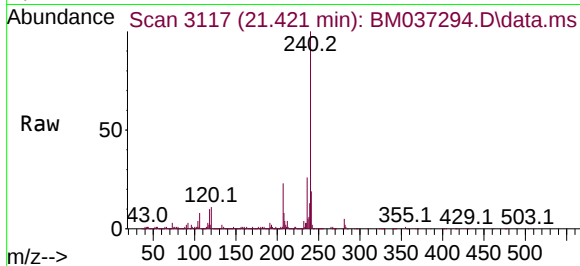




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BM037294.D
Acq: 31 Oct 2022 17:45

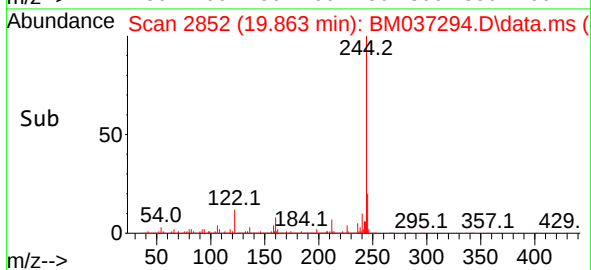
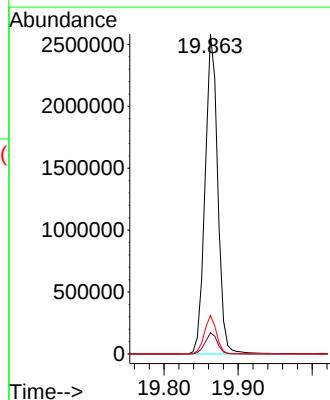
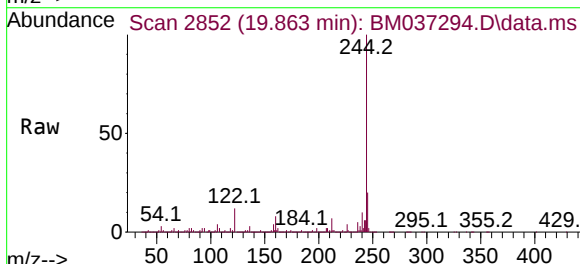
Instrument :
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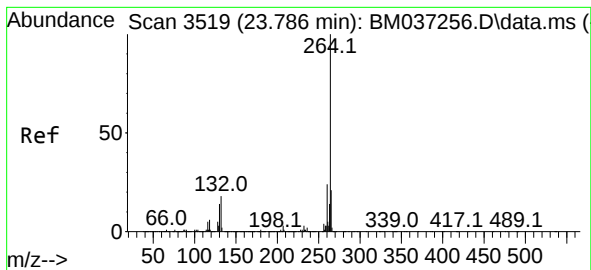
Tgt Ion:240 Resp: 938717
Ion Ratio Lower Upper
240 100
120 11.0 9.9 14.9
236 25.7 20.3 30.5



#79
Terphenyl-d14
Concen: 58.521 ng
RT: 19.863 min Scan# 2852
Delta R.T. -0.005 min
Lab File: BM037294.D
Acq: 31 Oct 2022 17:45

Tgt Ion:244 Resp: 3063383
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 12.0 9.4 14.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM037294.D
Acq: 31 Oct 2022 17:45

Instrument :
BNA_M
ClientSampleId :
WC-1

Tgt Ion:264 Resp: 1150917

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	22.9	17.7	26.5

