

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103122\
 Data File : BM037295.D
 Acq On : 31 Oct 2022 18:21
 Operator : CG/JU
 Sample : N5336-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-01-0-2.0

Quant Time: Nov 01 05:04:36 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)

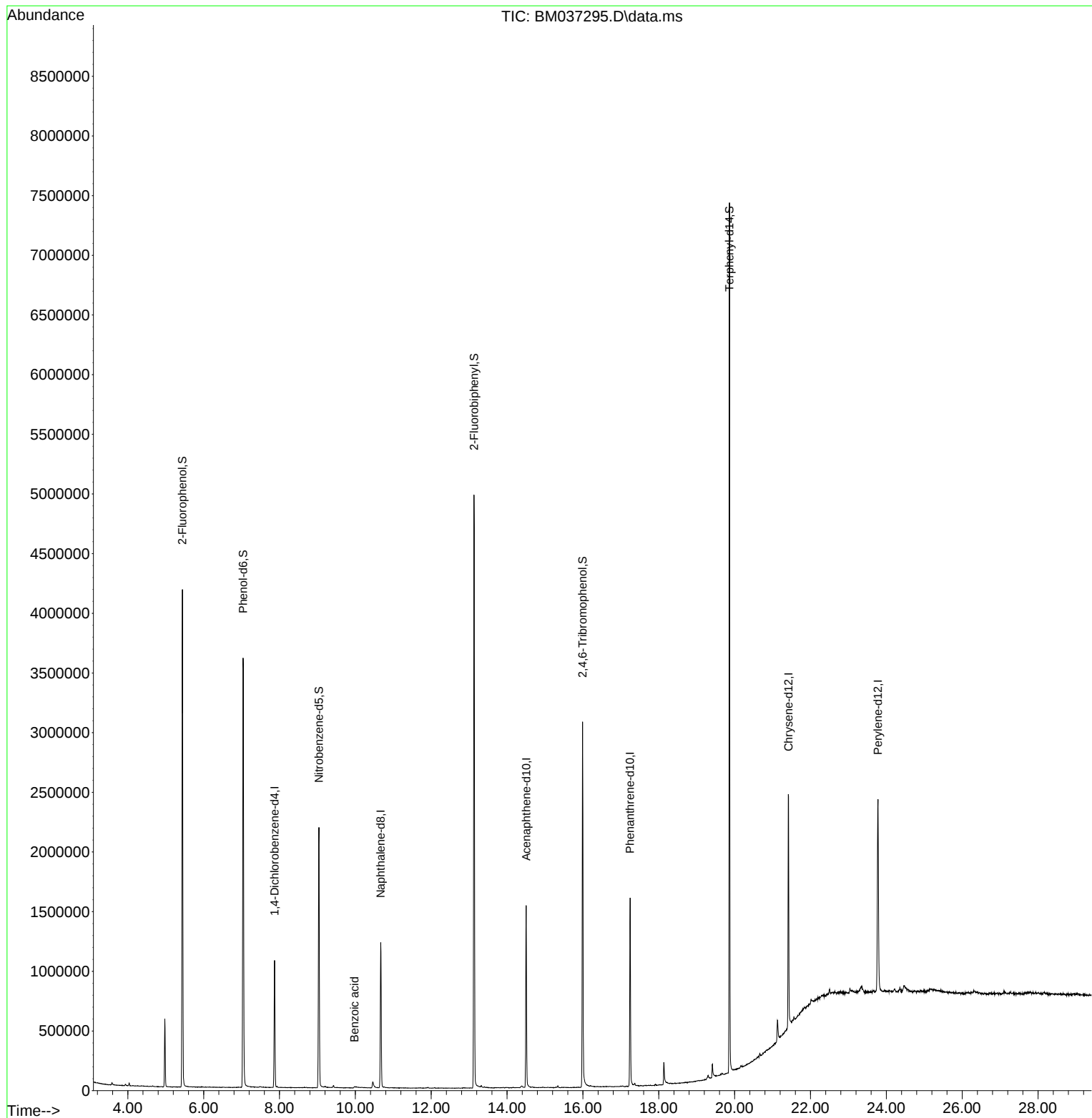
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	272698	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	1000959	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	505828	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	936480	20.000	ng	0.00
76) Chrysene-d12	21.421	240	945668	20.000	ng	0.00
86) Perylene-d12	23.780	264	1161242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1717527	108.812	ng	0.00
7) Phenol-d6	7.040	99	2095208	97.802	ng	0.00
23) Nitrobenzene-d5	9.039	82	1230654	62.030	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	588387	98.706	ng	0.00
45) 2-Fluorobiphenyl	13.127	172	2505222	65.806	ng	-0.01
79) Terphenyl-d14	19.862	244	3234662	61.339	ng	0.00
Target Compounds						
32) Benzoic acid	9.975	122	3028	7.190	ng	97

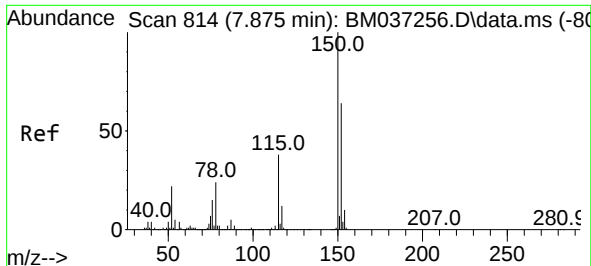
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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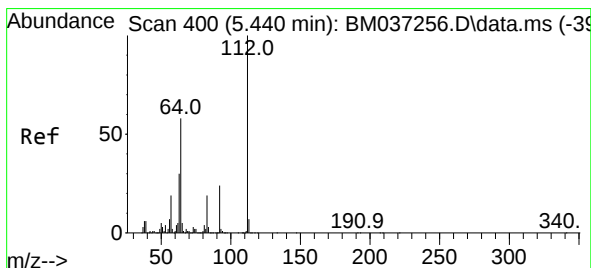
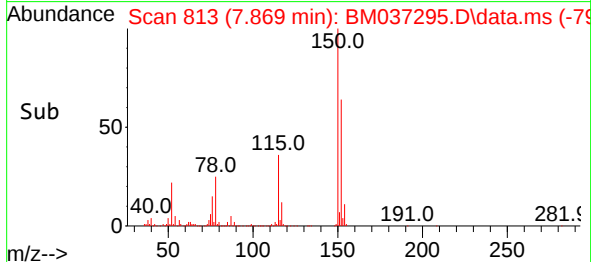
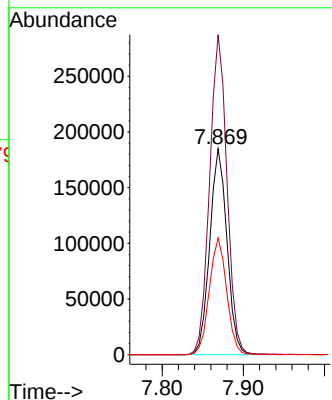
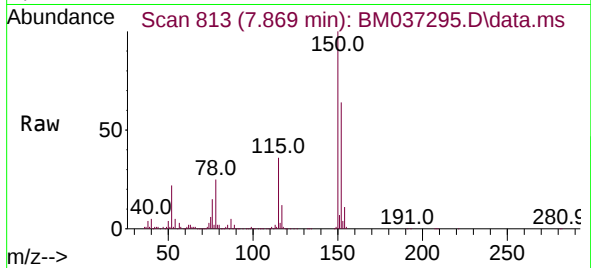




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM037295.D
Acq: 31 Oct 2022 18:21

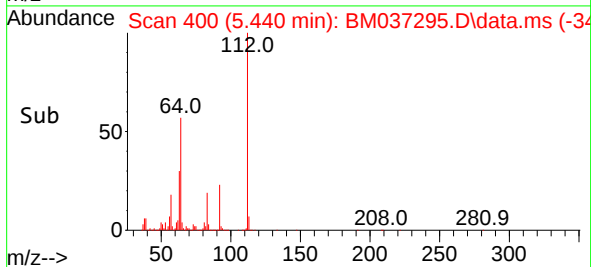
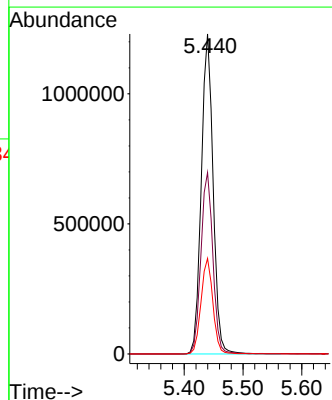
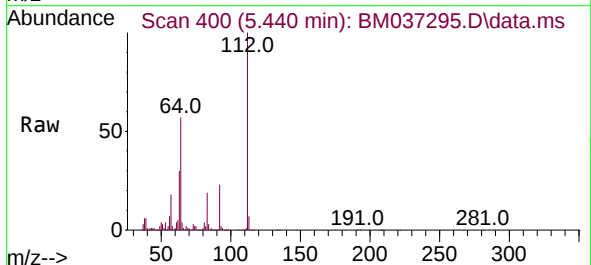
Instrument :
BNA_M
ClientSampleId :
SB-01-0-2.0

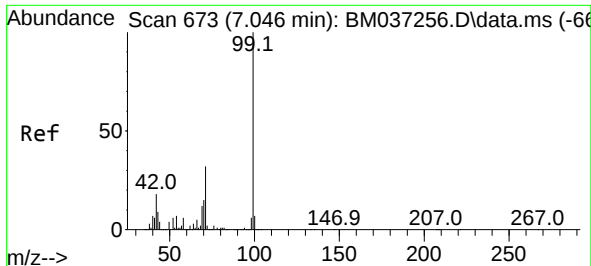
Tgt Ion:152 Resp: 272698
Ion Ratio Lower Upper
152 100
150 155.4 124.8 187.2
115 56.7 47.0 70.4



#5
2-Fluorophenol
Concen: 108.812 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.000 min
Lab File: BM037295.D
Acq: 31 Oct 2022 18:21

Tgt Ion:112 Resp: 1717527
Ion Ratio Lower Upper
112 100
64 56.7 46.8 70.2
63 29.9 24.4 36.6

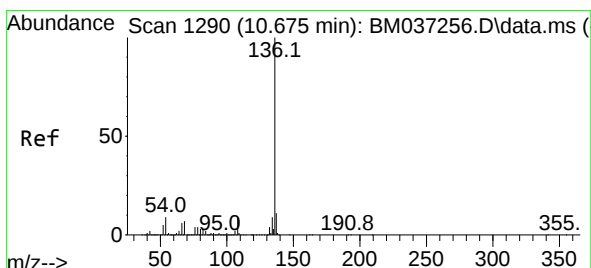
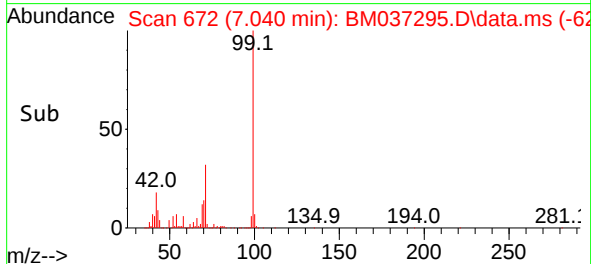
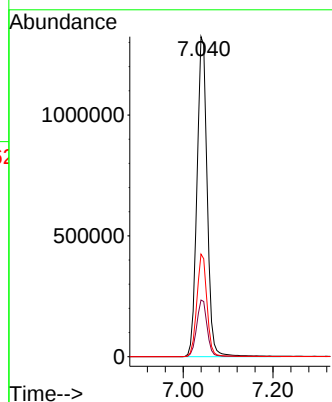
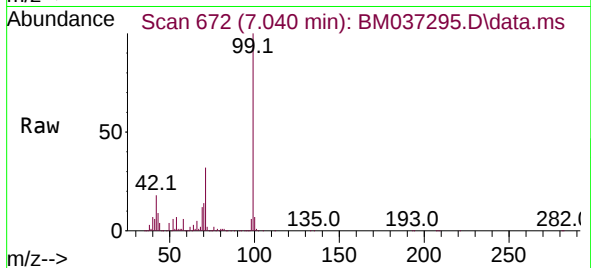




#7
Phenol-d6
Concen: 97.802 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM037295.D
Acq: 31 Oct 2022 18:21

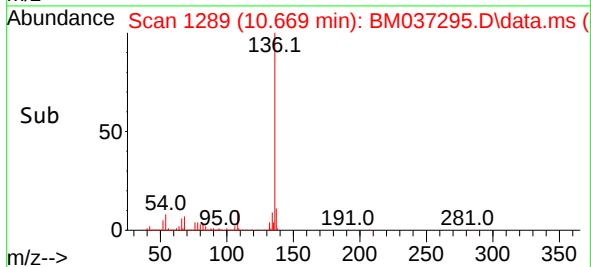
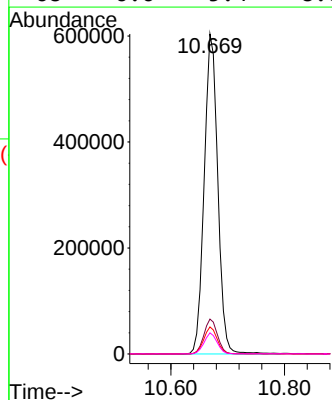
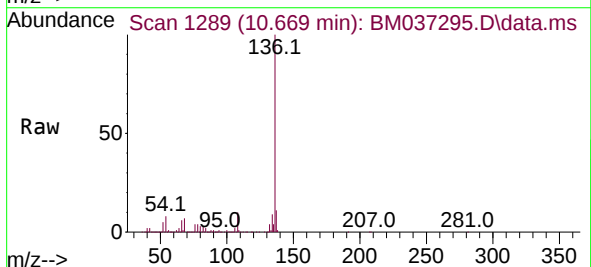
Instrument :
BNA_M
ClientSampleId :
SB-01-0-2.0

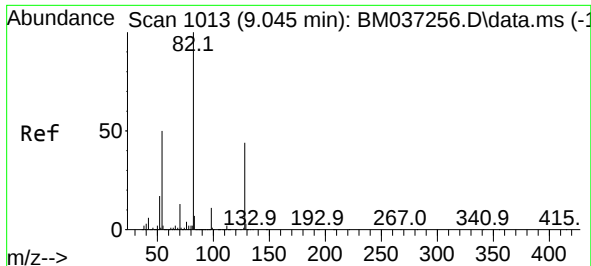
Tgt Ion: 99 Resp: 2095208
Ion Ratio Lower Upper
99 100
42 17.7 14.8 22.2
71 32.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM037295.D
Acq: 31 Oct 2022 18:21

Tgt Ion: 136 Resp: 1000959
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.4 7.0 10.4
68 6.6 5.4 8.0





#23

Nitrobenzene-d5

Concen: 62.030 ng

RT: 9.039 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BM037295.D

Acq: 31 Oct 2022 18:21

Instrument :

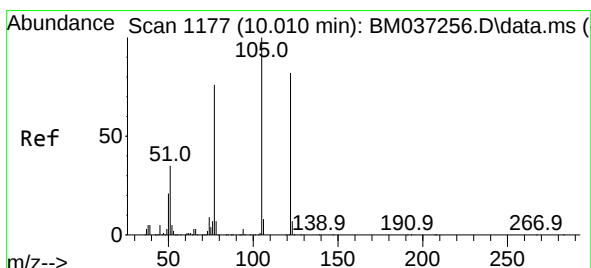
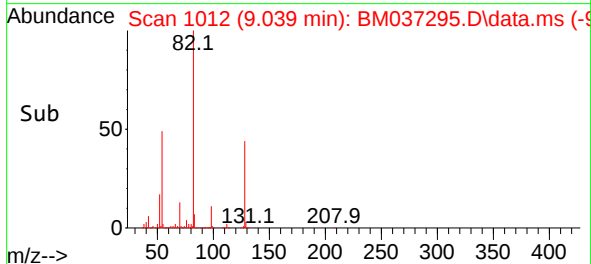
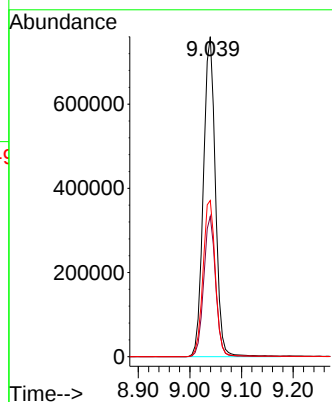
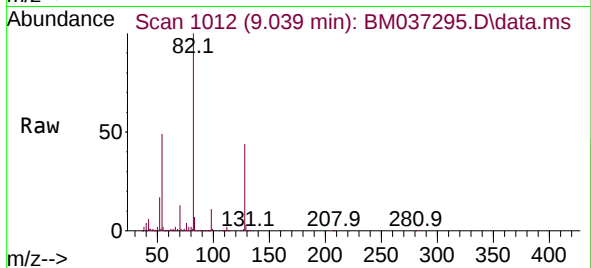
BNA_M

ClientSampleId :

SB-01-0-2.0

Tgt Ion: 82 Resp: 1230654

Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.2	52.8
54	48.8	40.4	60.6



#32

Benzoic acid

Concen: 7.190 ng

RT: 9.975 min Scan# 1171

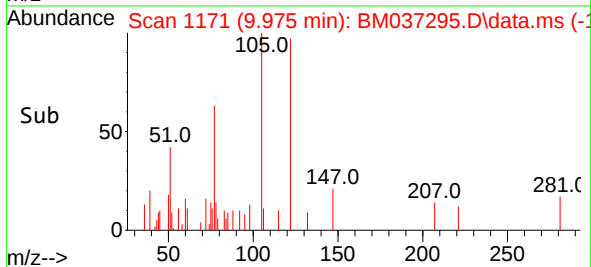
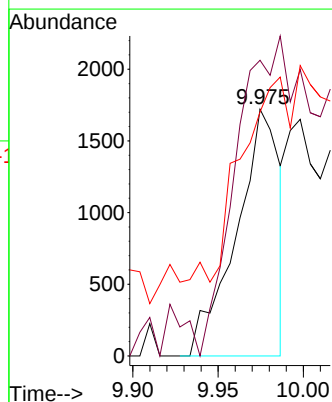
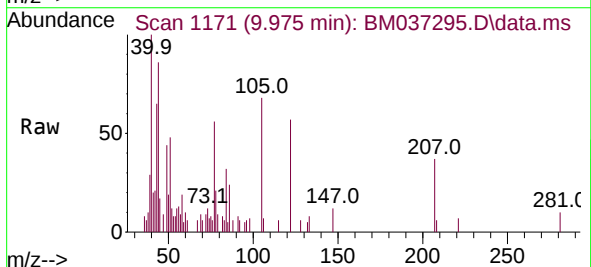
Delta R.T. -0.035 min

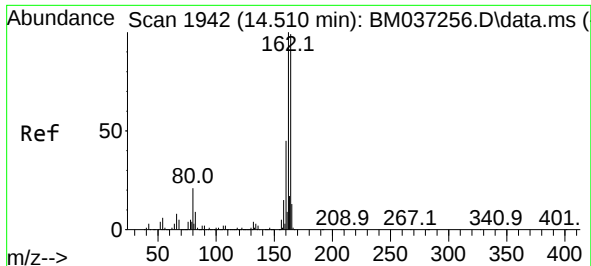
Lab File: BM037295.D

Acq: 31 Oct 2022 18:21

Tgt Ion:122 Resp: 3028

Ion	Ratio	Lower	Upper
122	100		
105	119.8	100.1	140.1
77	98.9	71.7	111.7

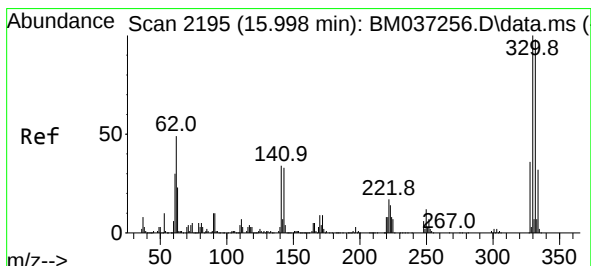
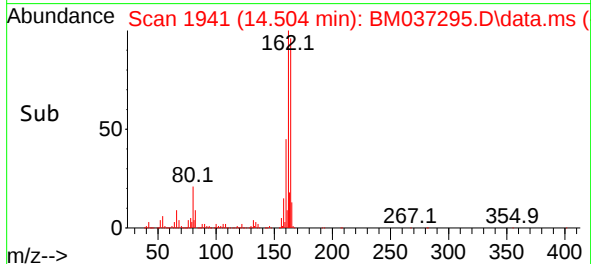
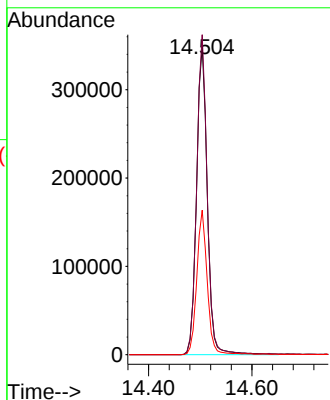
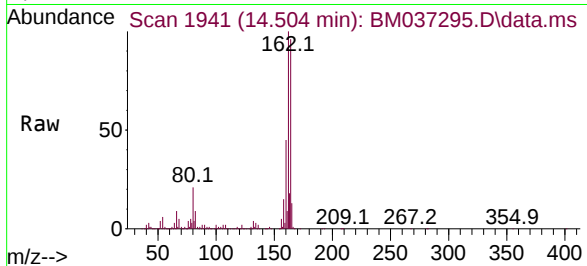




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM037295.D
Acq: 31 Oct 2022 18:21

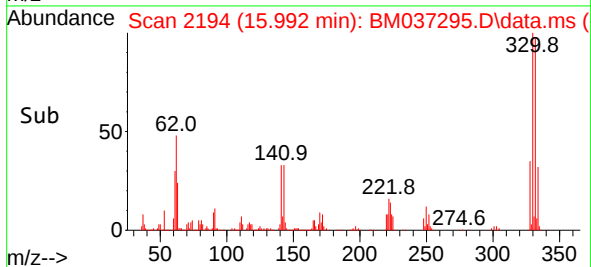
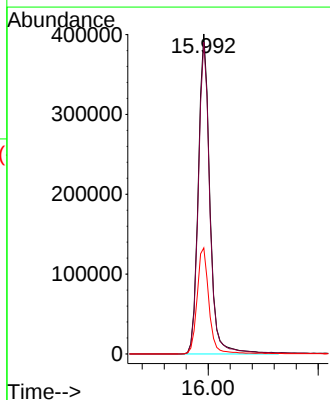
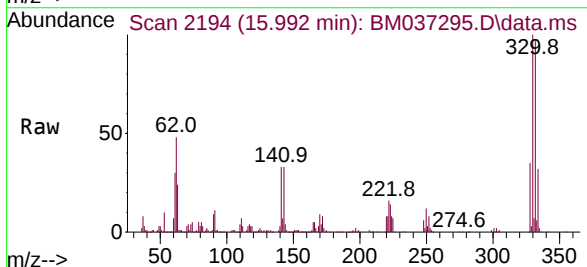
Instrument :
BNA_M
ClientSampleId :
SB-01-0-2.0

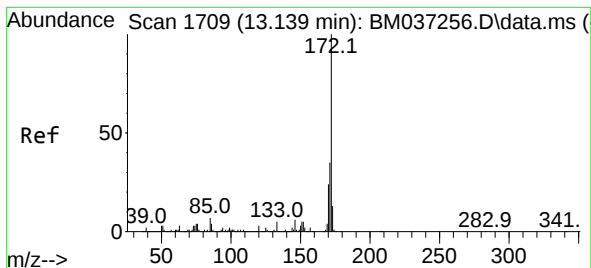
Tgt Ion:164 Resp: 505828
Ion Ratio Lower Upper
164 100
162 104.0 80.6 120.8
160 47.0 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 98.706 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BM037295.D
Acq: 31 Oct 2022 18:21

Tgt Ion:330 Resp: 588387
Ion Ratio Lower Upper
330 100
332 97.6 78.0 117.0
141 34.3 27.5 41.3





#45

2-Fluorobiphenyl

Concen: 65.806 ng

RT: 13.127 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM037295.D

Acq: 31 Oct 2022 18:21

Instrument :

BNA_M

ClientSampleId :

SB-01-0-2.0

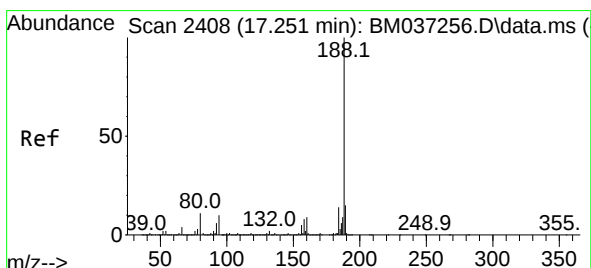
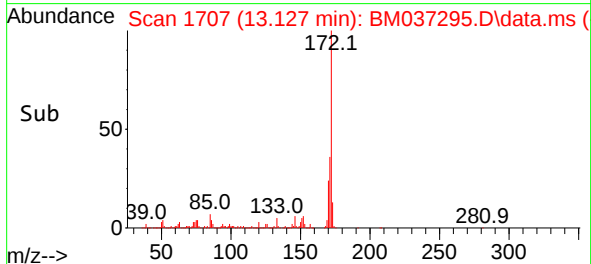
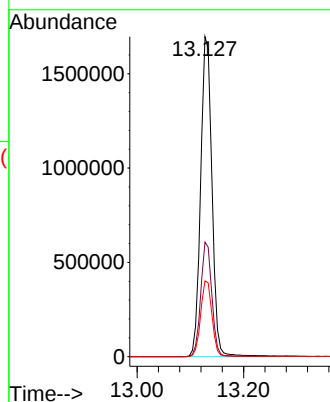
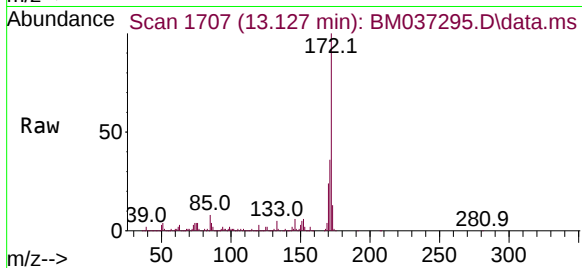
Tgt Ion:172 Resp: 2505222

Ion Ratio Lower Upper

172 100

171 35.8 28.1 42.1

170 23.7 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: BM037295.D

Acq: 31 Oct 2022 18:21

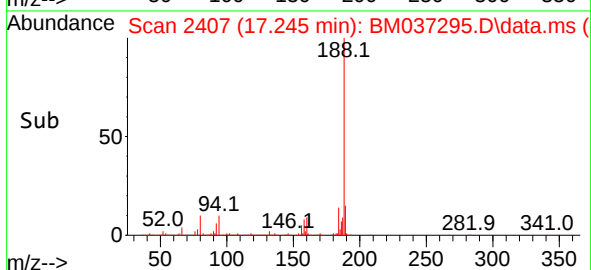
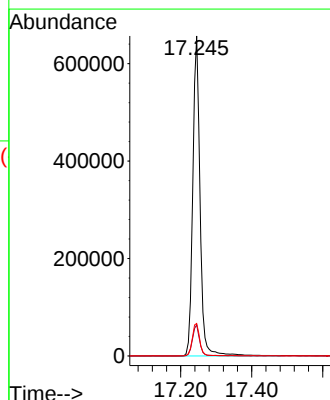
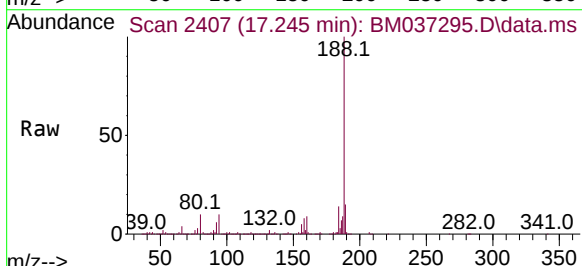
Tgt Ion:188 Resp: 936480

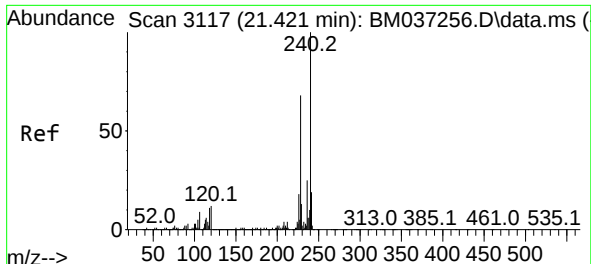
Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

80 10.2 8.5 12.7

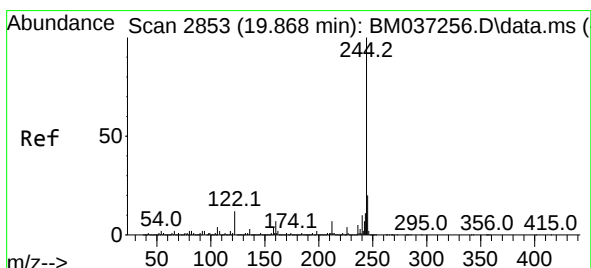
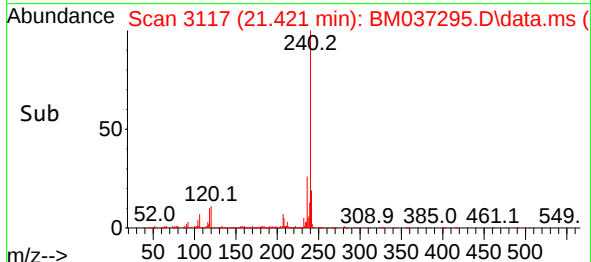
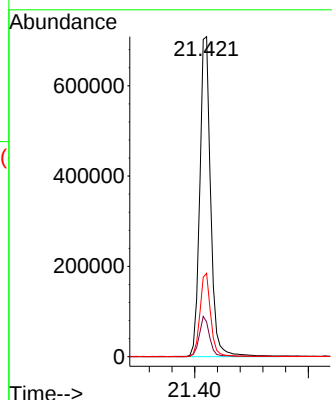
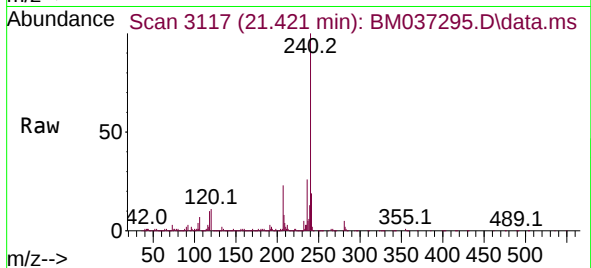




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BM037295.D
Acq: 31 Oct 2022 18:21

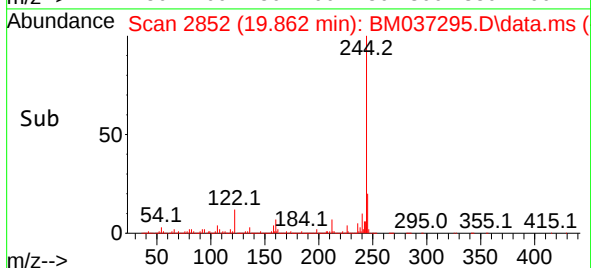
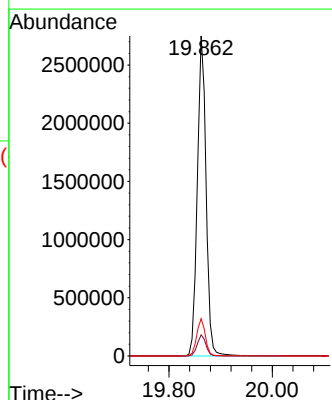
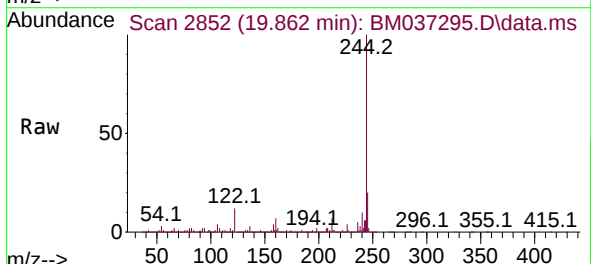
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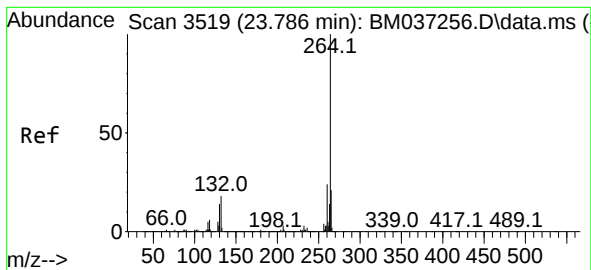
Tgt Ion:240 Resp: 945668
Ion Ratio Lower Upper
240 100
120 10.9 9.9 14.9
236 26.0 20.3 30.5



#79
Terphenyl-d14
Concen: 61.339 ng
RT: 19.862 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM037295.D
Acq: 31 Oct 2022 18:21

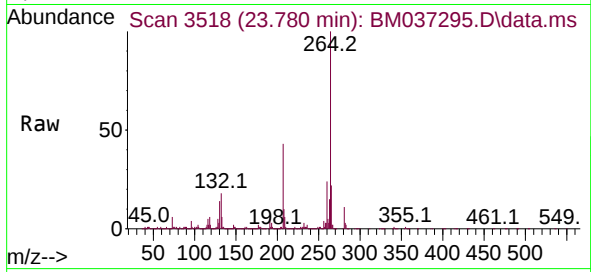
Tgt Ion:244 Resp: 3234662
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 11.7 9.4 14.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM037295.D
Acq: 31 Oct 2022 18:21

Instrument :
BNA_M
ClientSampleId :
SB-01-0-2.0



Tgt Ion:264 Resp: 1161242

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.3	17.7	26.5

