

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103122\
 Data File : BM037298.D
 Acq On : 31 Oct 2022 20:09
 Operator : CG/JU
 Sample : N5336-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-02-16.5-17.0

Quant Time: Nov 01 05:05:28 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)

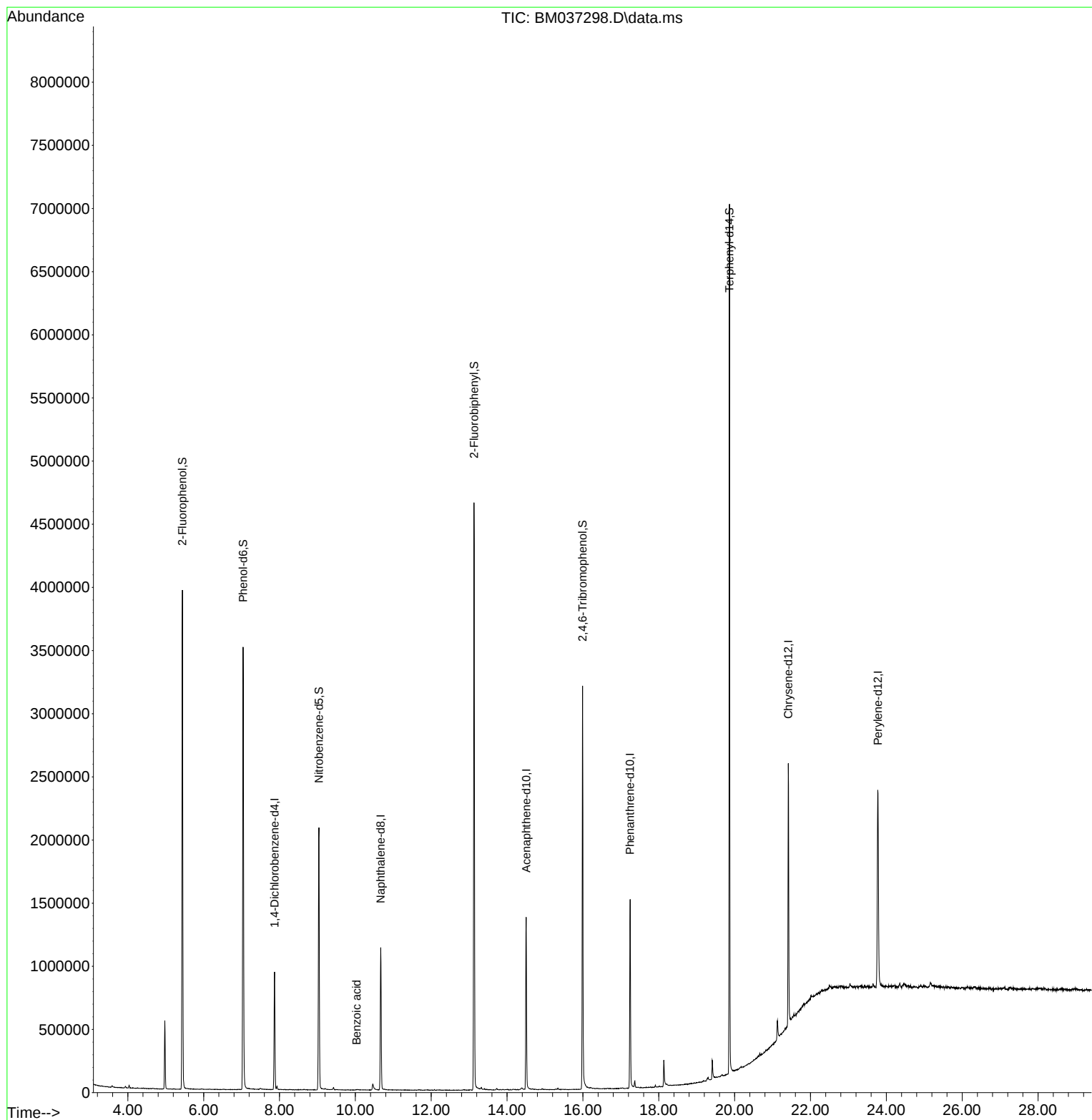
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	249274	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	924330	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	471162	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	897416	20.000	ng	0.00
76) Chrysene-d12	21.415	240	986379	20.000	ng	0.00
86) Perylene-d12	23.774	264	1169602	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1657457	114.873	ng	0.00
7) Phenol-d6	7.040	99	2014040	102.848	ng	0.00
23) Nitrobenzene-d5	9.039	82	1184276	64.641	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	594973	107.154	ng	0.00
45) 2-Fluorobiphenyl	13.127	172	2299530	64.848	ng	-0.01
79) Terphenyl-d14	19.862	244	3112653	56.589	ng	0.00
Target Compounds						
32) Benzoic acid	10.034	122	1165	7.066	ng	Qvalue # 72

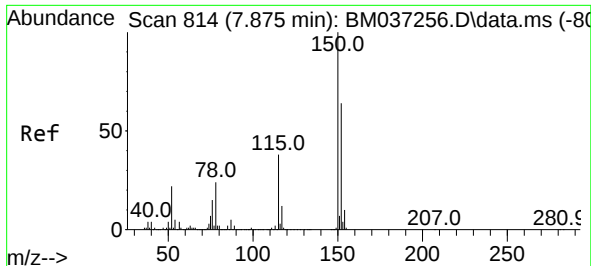
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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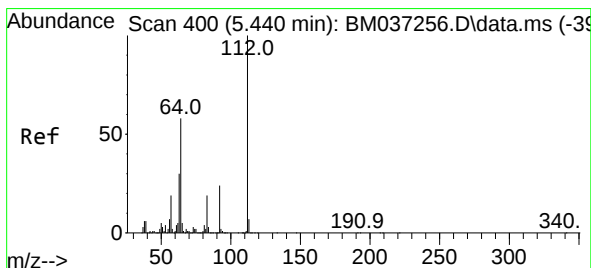
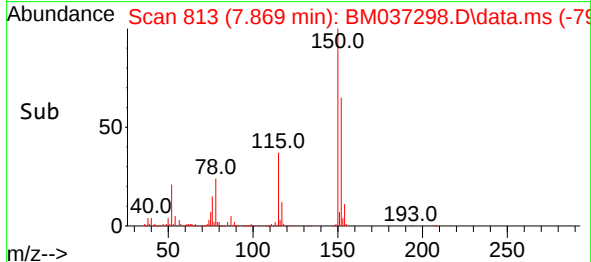
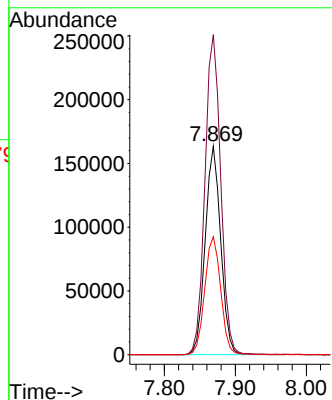
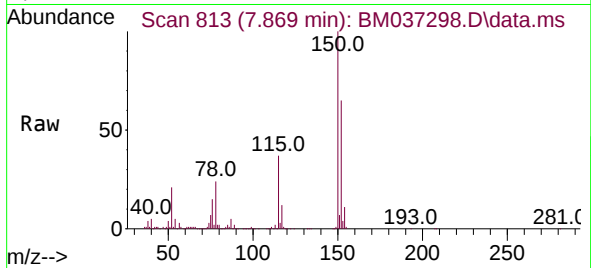




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM037298.D
Acq: 31 Oct 2022 20:09

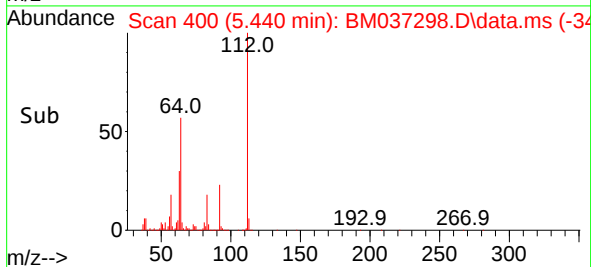
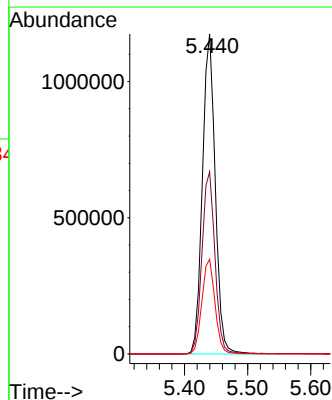
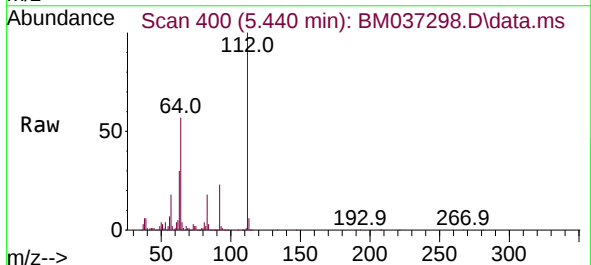
Instrument :
BNA_M
ClientSampleId :
SB-02-16.5-17.0

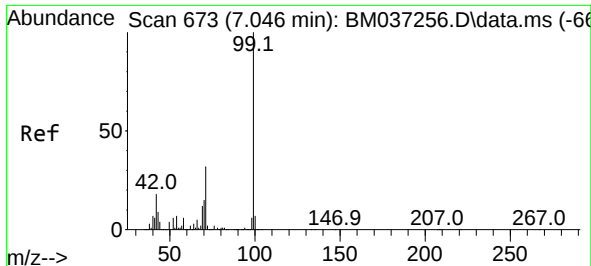
Tgt Ion:152 Resp: 249274
Ion Ratio Lower Upper
152 100
150 153.6 124.8 187.2
115 56.6 47.0 70.4



#5
2-Fluorophenol
Concen: 114.873 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.000 min
Lab File: BM037298.D
Acq: 31 Oct 2022 20:09

Tgt Ion:112 Resp: 1657457
Ion Ratio Lower Upper
112 100
64 56.9 46.8 70.2
63 29.6 24.4 36.6

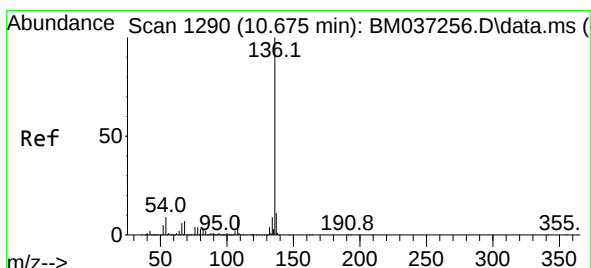
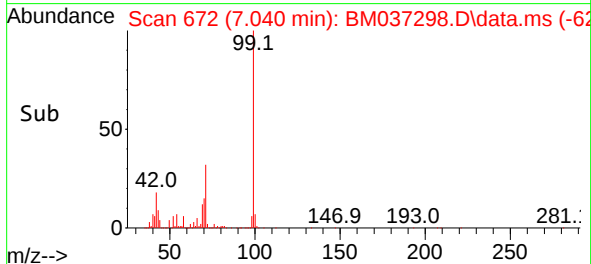
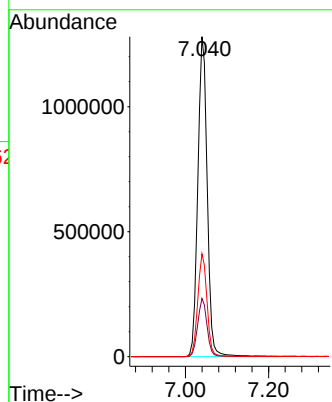
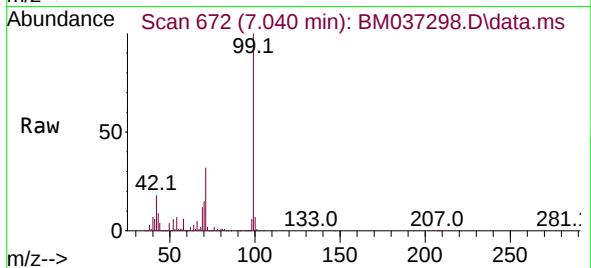




#7
Phenol-d6
Concen: 102.848 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM037298.D
Acq: 31 Oct 2022 20:09

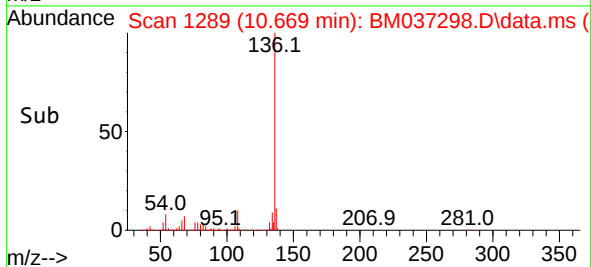
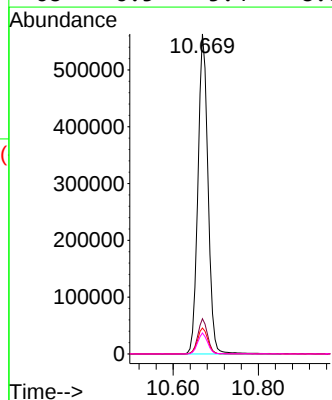
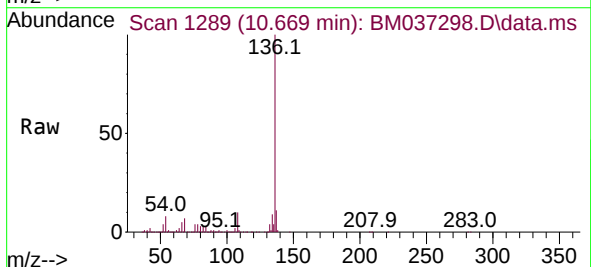
Instrument :
BNA_M
ClientSampleId :
SB-02-16.5-17.0

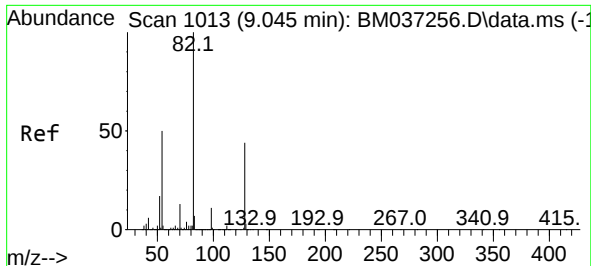
Tgt Ion: 99 Resp: 2014040
Ion Ratio Lower Upper
99 100
42 18.2 14.8 22.2
71 32.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM037298.D
Acq: 31 Oct 2022 20:09

Tgt Ion: 136 Resp: 924330
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.1 7.0 10.4
68 6.5 5.4 8.0

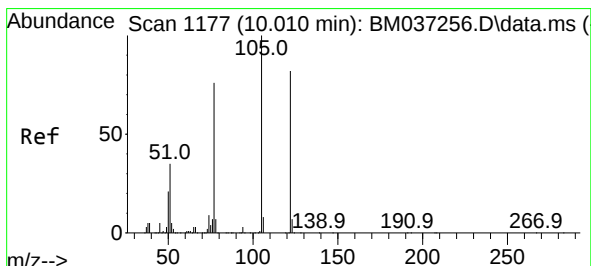
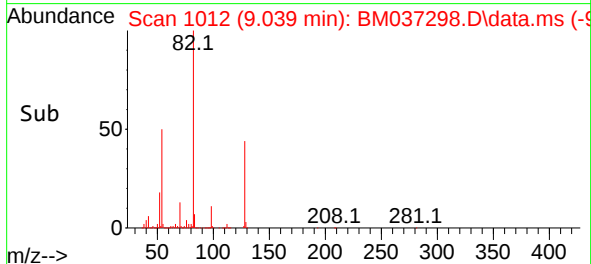
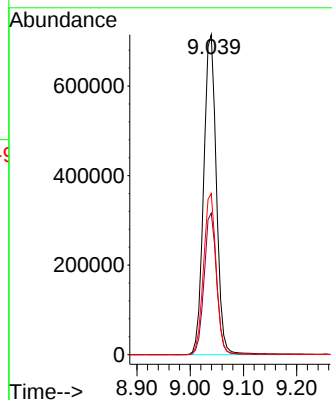
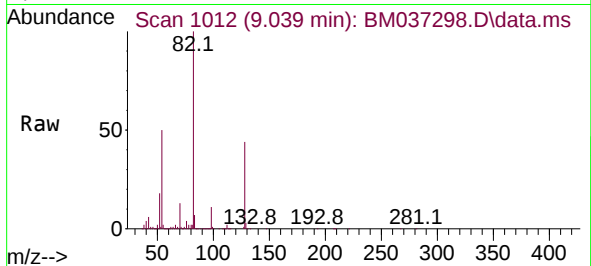




#23
Nitrobenzene-d5
Concen: 64.641 ng
RT: 9.039 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BM037298.D
Acq: 31 Oct 2022 20:09

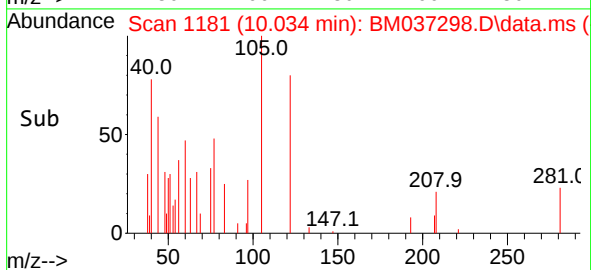
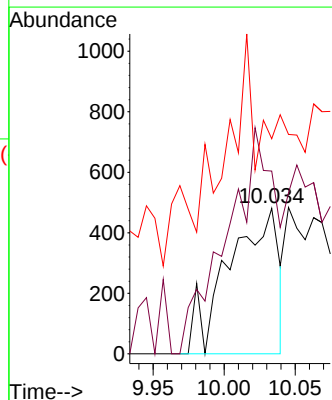
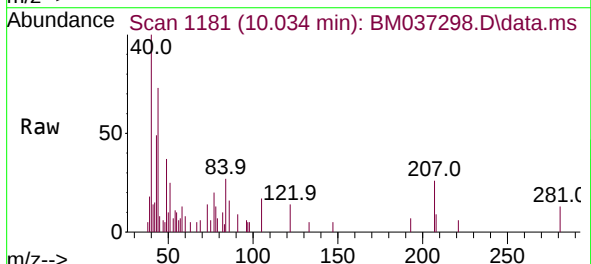
Instrument :
BNA_M
ClientSampleId :
SB-02-16.5-17.0

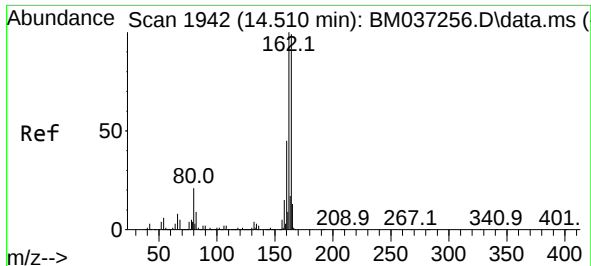
Tgt Ion: 82 Resp: 1184276
Ion Ratio Lower Upper
82 100
128 44.3 35.2 52.8
54 50.4 40.4 60.6



#32
Benzoic acid
Concen: 7.066 ng
RT: 10.034 min Scan# 1181
Delta R.T. 0.024 min
Lab File: BM037298.D
Acq: 31 Oct 2022 20:09

Tgt Ion:122 Resp: 1165
Ion Ratio Lower Upper
122 100
105 125.6 100.1 140.1
77 147.8 71.7 111.7#

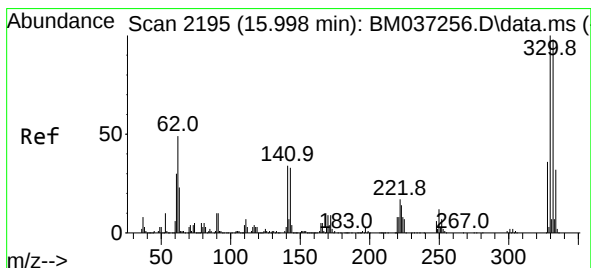
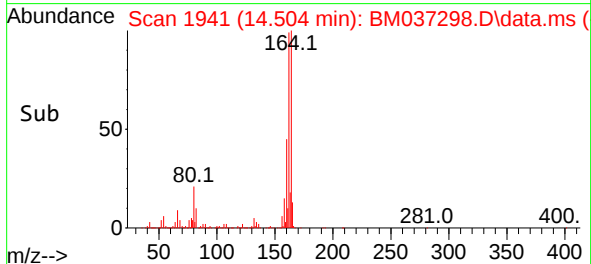
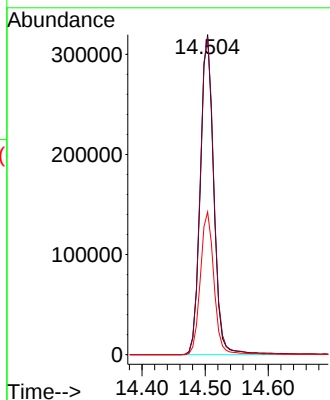
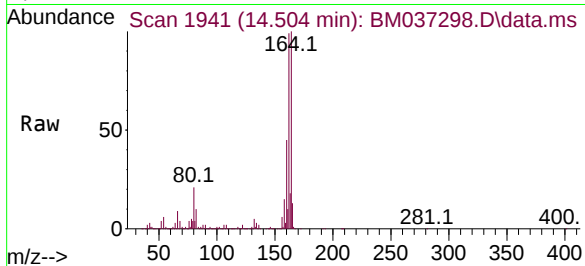




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM037298.D
Acq: 31 Oct 2022 20:09

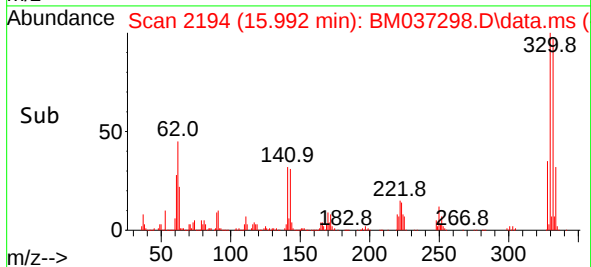
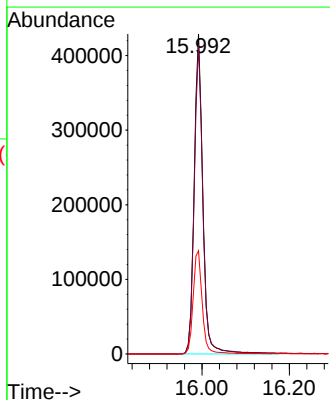
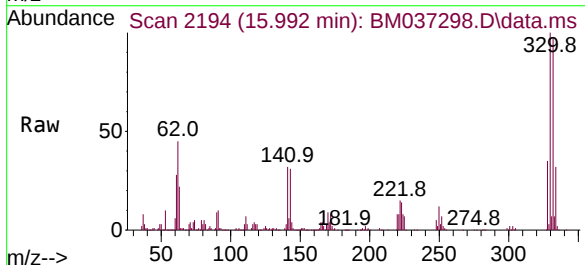
Instrument :
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ClientSampleId :
SB-02-16.5-17.0

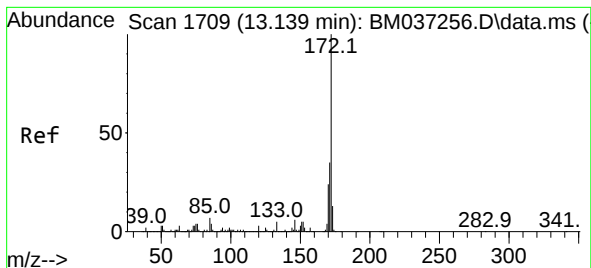
Tgt Ion:164 Resp: 471162
Ion Ratio Lower Upper
164 100
162 99.2 80.6 120.8
160 44.6 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 107.154 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BM037298.D
Acq: 31 Oct 2022 20:09

Tgt Ion:330 Resp: 594973
Ion Ratio Lower Upper
330 100
332 95.7 78.0 117.0
141 33.9 27.5 41.3





#45

2-Fluorobiphenyl

Concen: 64.848 ng

RT: 13.127 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM037298.D

Acq: 31 Oct 2022 20:09

Instrument :

BNA_M

ClientSampleId :

SB-02-16.5-17.0

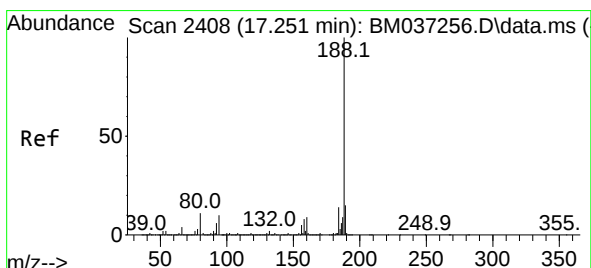
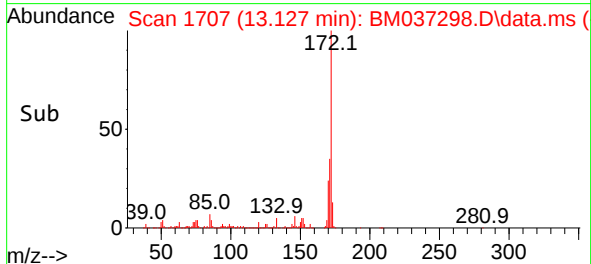
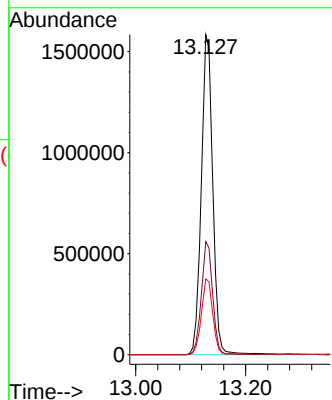
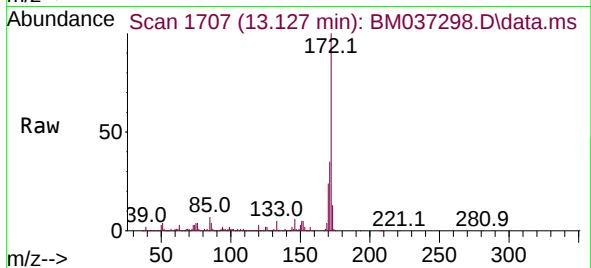
Tgt Ion:172 Resp: 2299530

Ion Ratio Lower Upper

172 100

171 35.3 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: BM037298.D

Acq: 31 Oct 2022 20:09

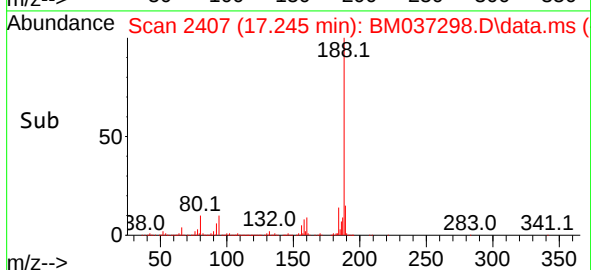
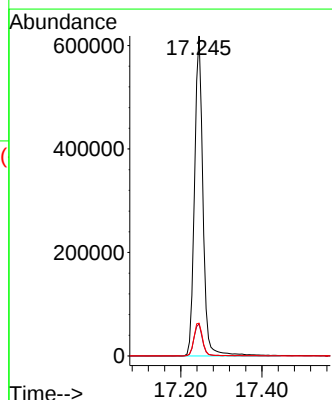
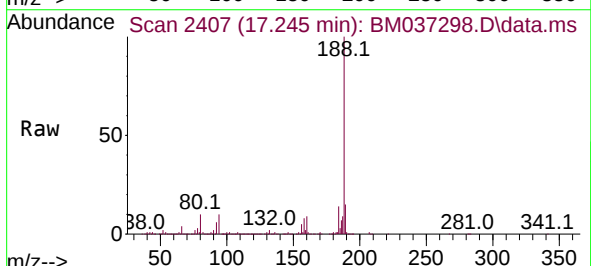
Tgt Ion:188 Resp: 897416

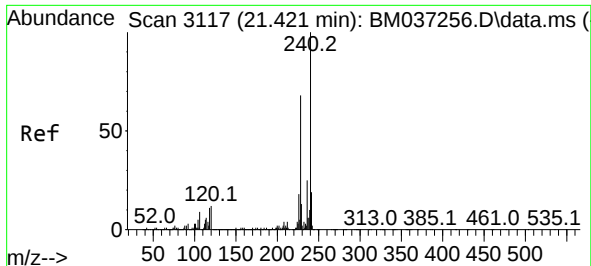
Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 10.2 8.5 12.7

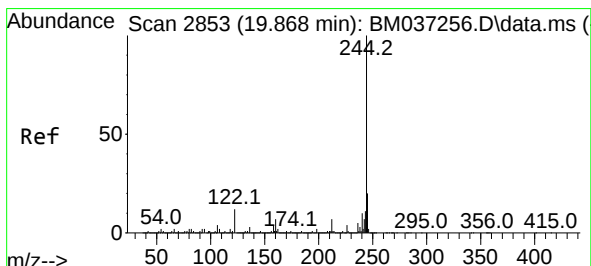
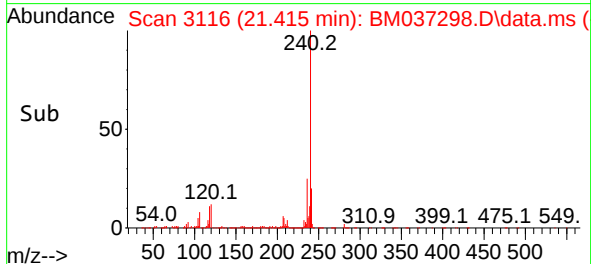
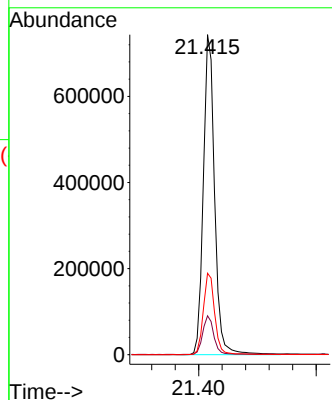
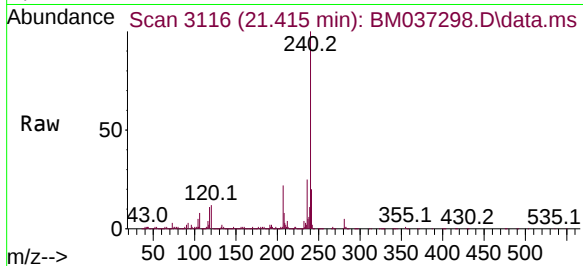




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM037298.D
Acq: 31 Oct 2022 20:09

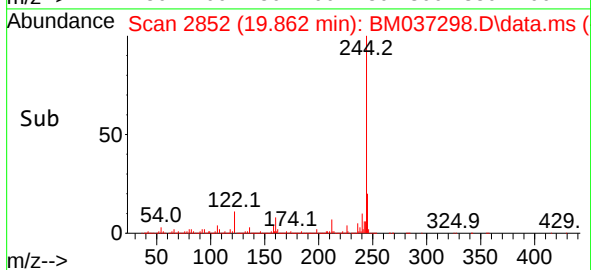
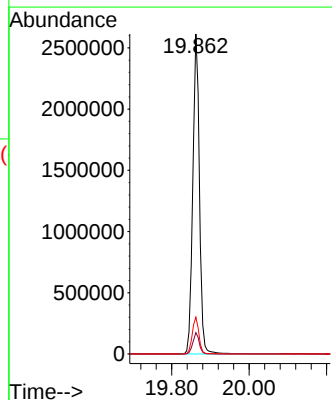
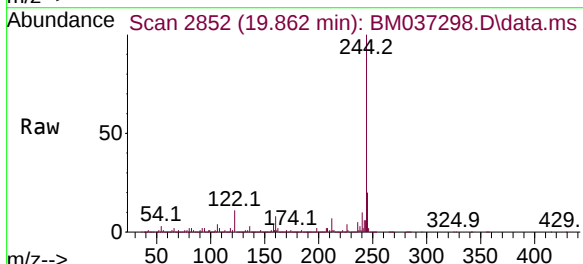
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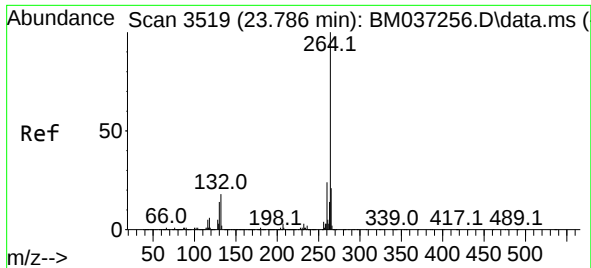
Tgt Ion:240 Resp: 986379
Ion Ratio Lower Upper
240 100
120 12.1 9.9 14.9
236 25.5 20.3 30.5



#79
Terphenyl-d14
Concen: 56.589 ng
RT: 19.862 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM037298.D
Acq: 31 Oct 2022 20:09

Tgt Ion:244 Resp: 3112653
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 11.5 9.4 14.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM037298.D
Acq: 31 Oct 2022 20:09

Instrument :
BNA_M
ClientSampleId :
SB-02-16.5-17.0

Tgt Ion:264 Resp: 1169602

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	22.7	17.7	26.5

