

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103122\
 Data File : BM037300.D
 Acq On : 31 Oct 2022 21:21
 Operator : CG/JU
 Sample : N5357-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 5051-2

Quant Time: Nov 01 05:06:01 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)

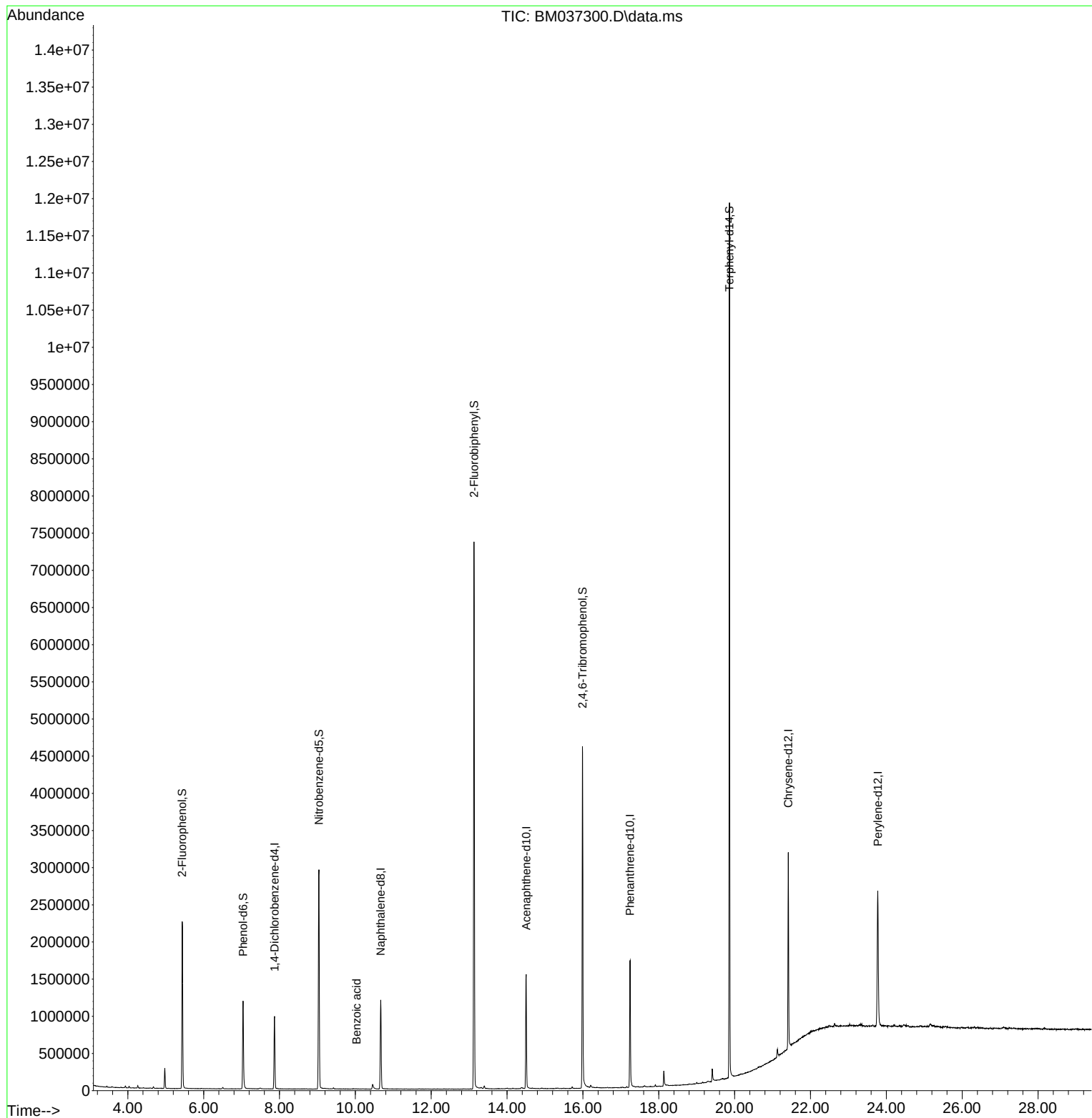
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	266442	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	998346	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	526247	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1014763	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1162592	20.000	ng	0.00
86) Perylene-d12	23.774	264	1329112	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	972191	63.038	ng	0.00
7) Phenol-d6	7.040	99	683207	32.640	ng	0.00
23) Nitrobenzene-d5	9.040	82	1699513	85.887	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	887888	143.170	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	3574448	90.249	ng	-0.01
79) Terphenyl-d14	19.862	244	5181789	79.928	ng	0.00
Target Compounds						
32) Benzoic acid	10.034	122	284	6.997	ng	Qvalue # 56

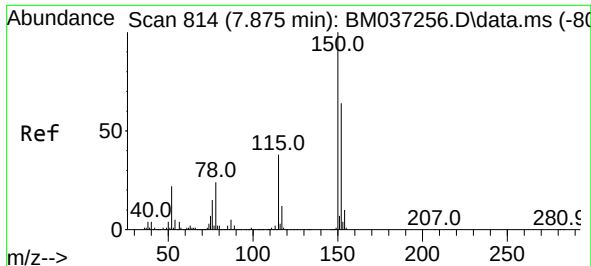
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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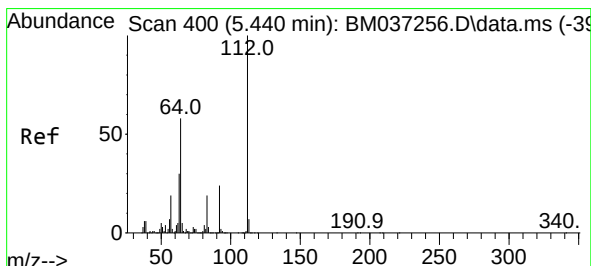
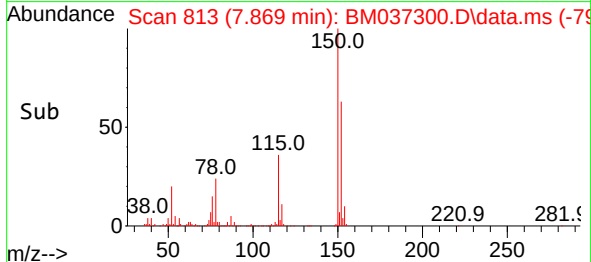
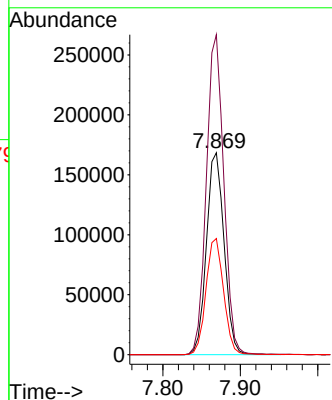
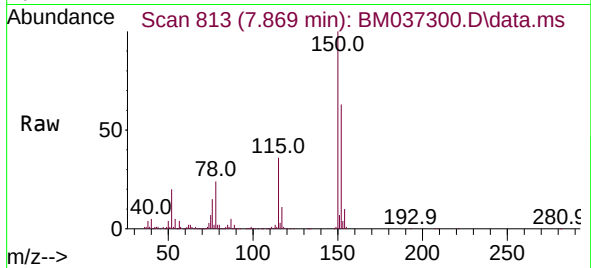




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM037300.D
Acq: 31 Oct 2022 21:21

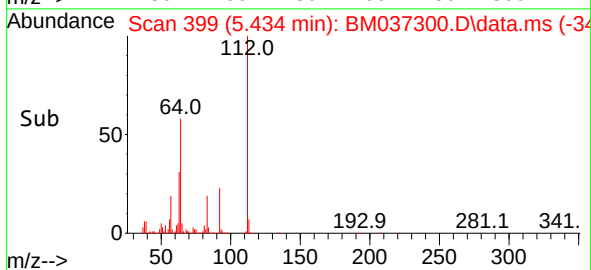
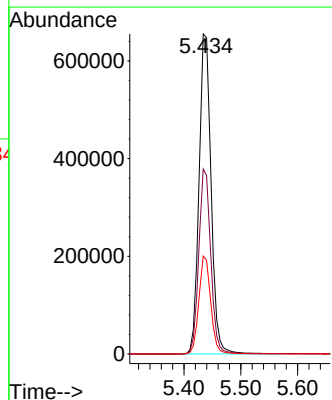
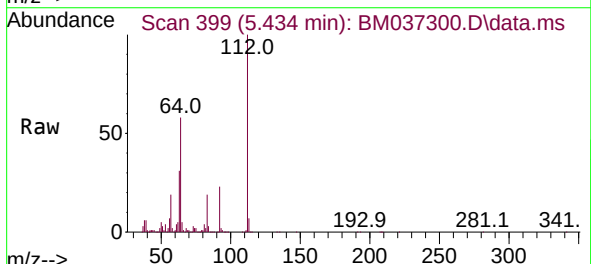
Instrument :
BNA_M
ClientSampleId :
5051-2

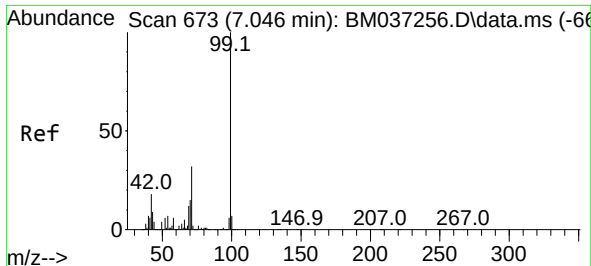
Tgt Ion:152 Resp: 266442
Ion Ratio Lower Upper
152 100
150 158.4 124.8 187.2
115 57.5 47.0 70.4



#5
2-Fluorophenol
Concen: 63.038 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.006 min
Lab File: BM037300.D
Acq: 31 Oct 2022 21:21

Tgt Ion:112 Resp: 972191
Ion Ratio Lower Upper
112 100
64 57.8 46.8 70.2
63 30.6 24.4 36.6

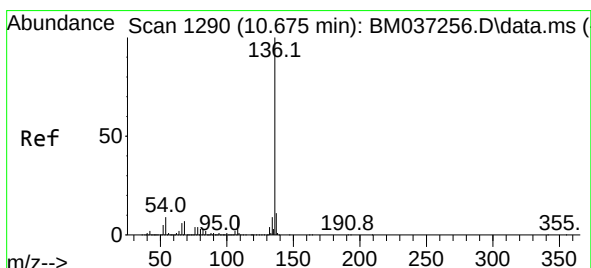
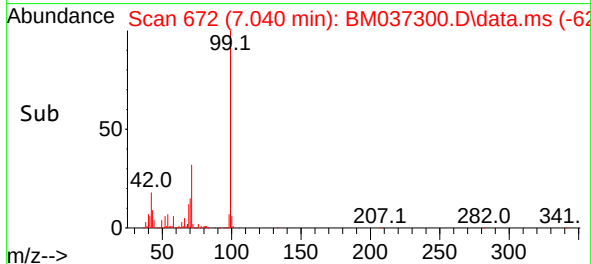
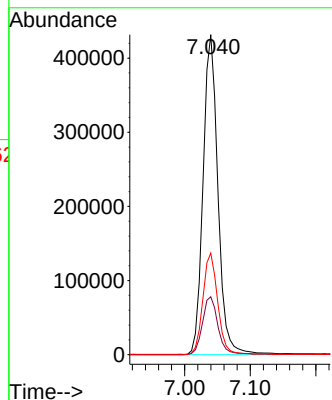
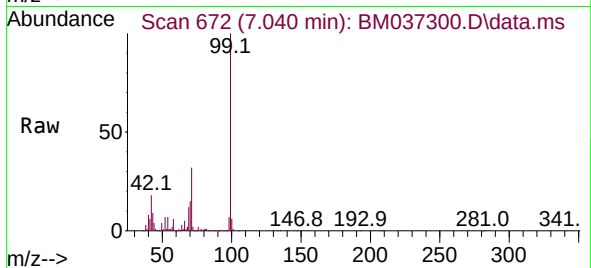




#7
Phenol-d6
Concen: 32.640 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM037300.D
Acq: 31 Oct 2022 21:21

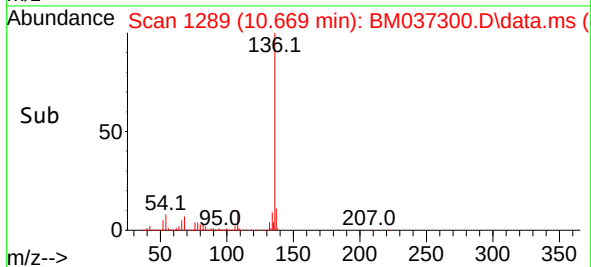
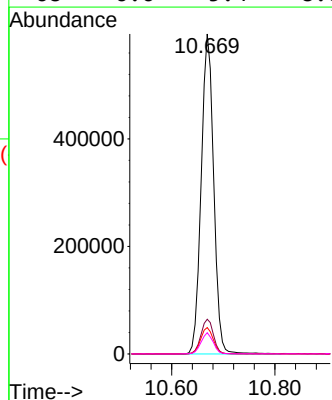
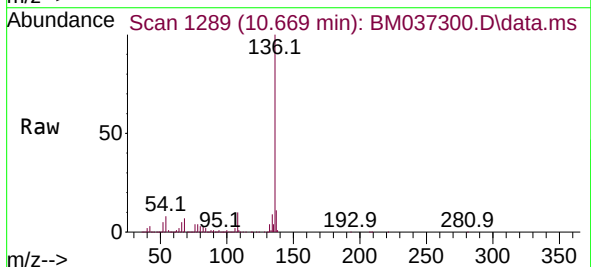
Instrument :
BNA_M
ClientSampleId :
5051-2

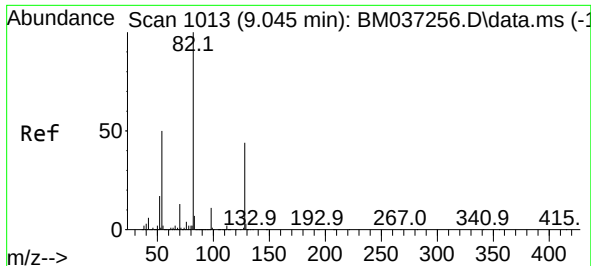
Tgt Ion: 99 Resp: 683207
Ion Ratio Lower Upper
99 100
42 18.1 14.8 22.2
71 31.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM037300.D
Acq: 31 Oct 2022 21:21

Tgt Ion: 136 Resp: 998346
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.3 7.0 10.4
68 6.6 5.4 8.0

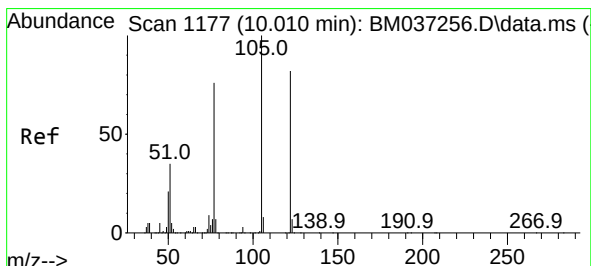
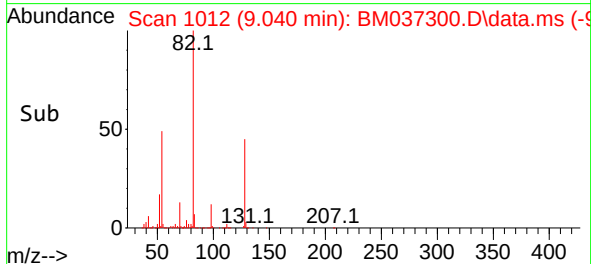
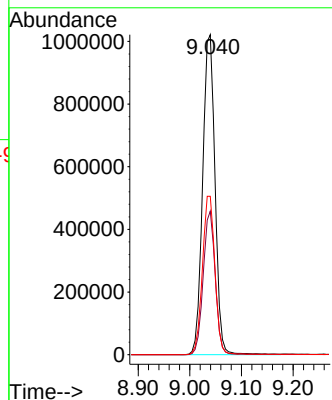
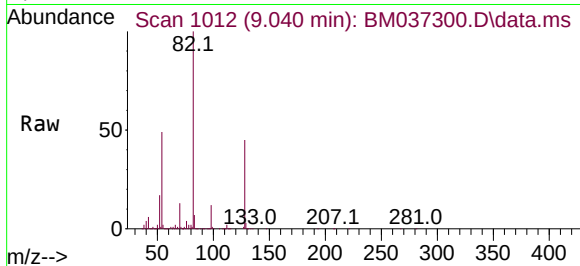




#23
Nitrobenzene-d5
Concen: 85.887 ng
RT: 9.040 min Scan# 1181
Delta R.T. -0.005 min
Lab File: BM037300.D
Acq: 31 Oct 2022 21:21

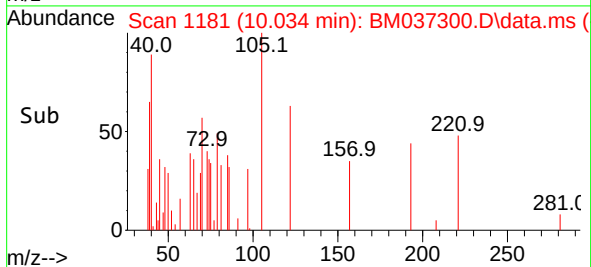
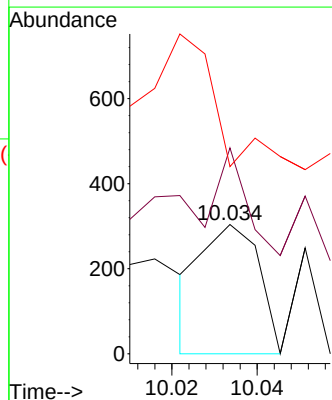
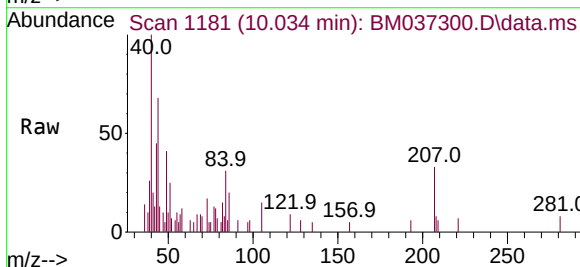
Instrument :
BNA_M
ClientSampleId :
5051-2

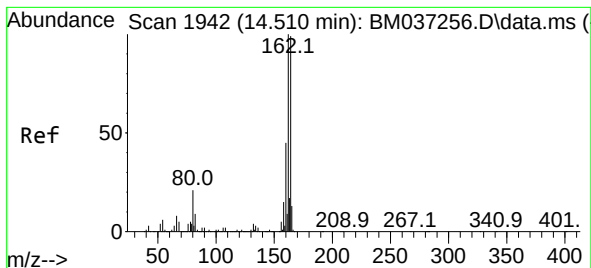
Tgt Ion: 82 Resp: 1699513
Ion Ratio Lower Upper
82 100
128 44.8 35.2 52.8
54 49.5 40.4 60.6



#32
Benzoic acid
Concen: 6.997 ng
RT: 10.034 min Scan# 1181
Delta R.T. 0.024 min
Lab File: BM037300.D
Acq: 31 Oct 2022 21:21

Tgt Ion:122 Resp: 284
Ion Ratio Lower Upper
122 100
105 159.2 100.1 140.1#
77 144.7 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: BM037300.D

Acq: 31 Oct 2022 21:21

Instrument :

BNA_M

ClientSampleId :

5051-2

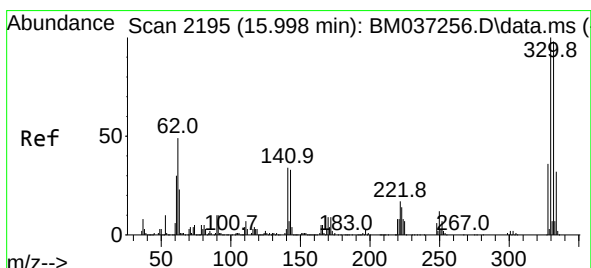
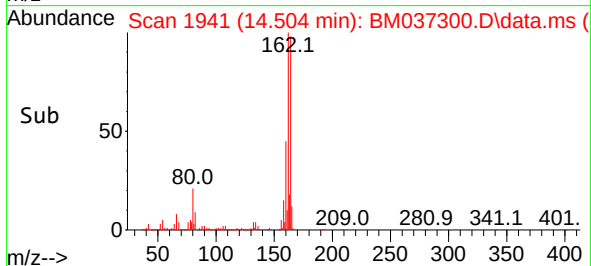
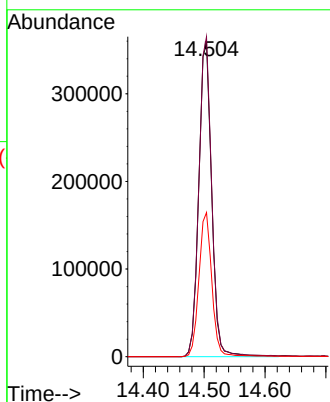
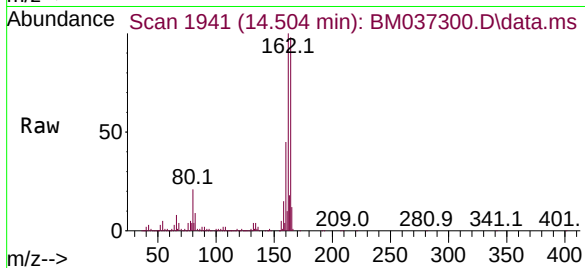
Tgt Ion:164 Resp: 526247

Ion Ratio Lower Upper

164 100

162 102.1 80.6 120.8

160 46.0 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 143.170 ng

RT: 15.992 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BM037300.D

Acq: 31 Oct 2022 21:21

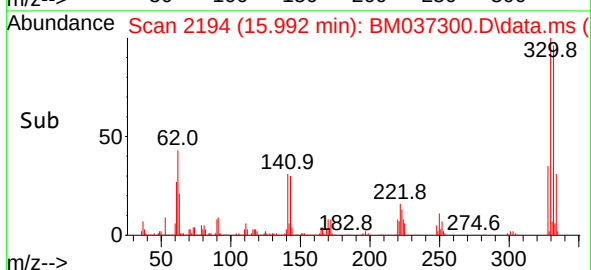
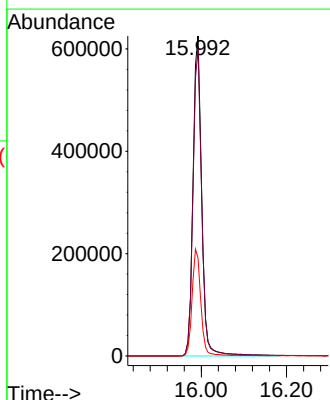
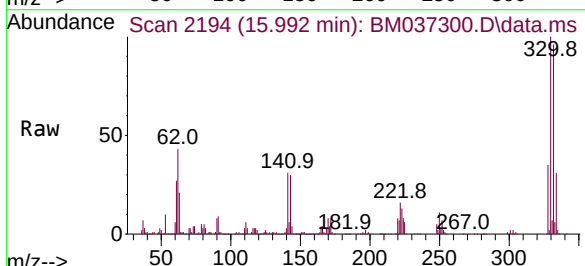
Tgt Ion:330 Resp: 887888

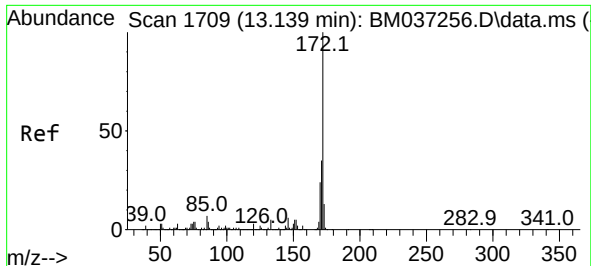
Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

141 33.8 27.5 41.3

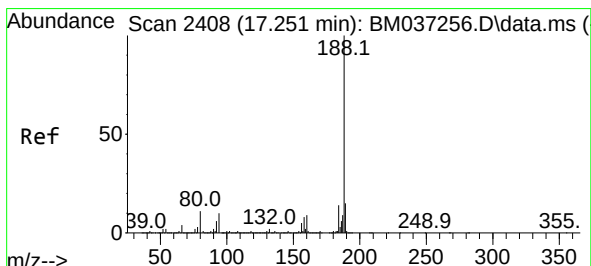
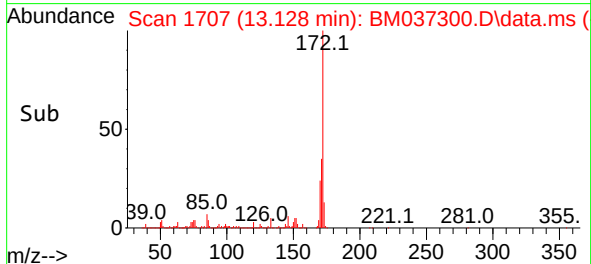
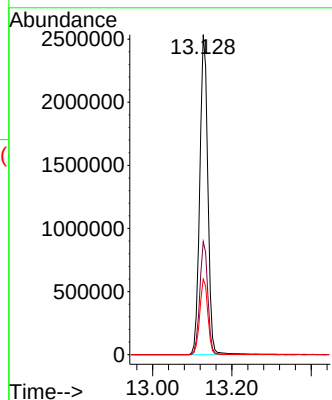
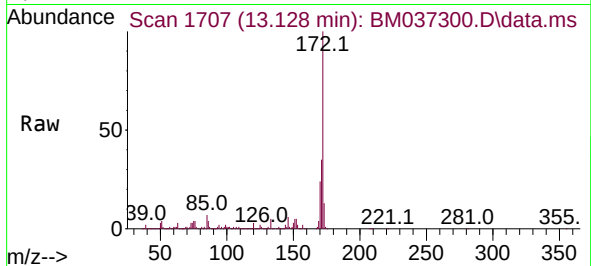




#45
2-Fluorobiphenyl
Concen: 90.249 ng
RT: 13.128 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM037300.D
Acq: 31 Oct 2022 21:21

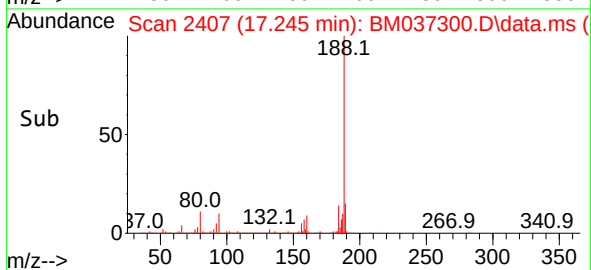
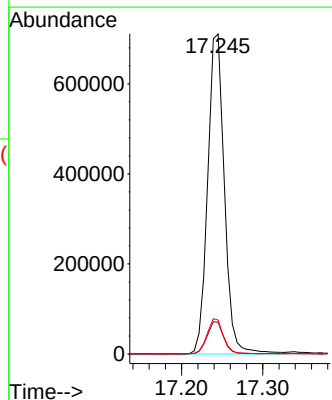
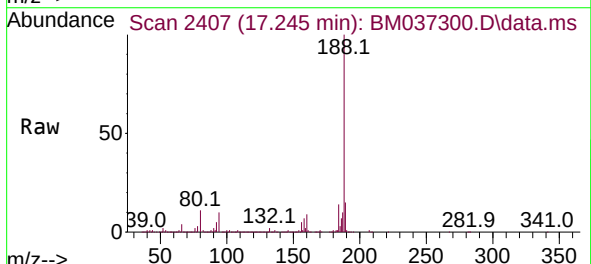
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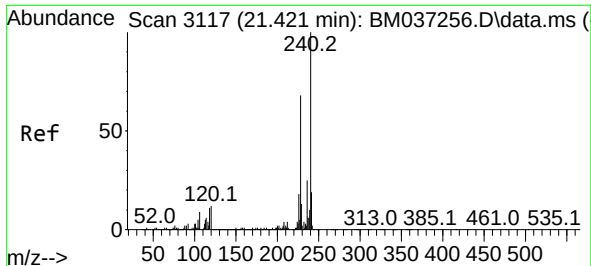
Tgt Ion:172 Resp: 3574448
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.6 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM037300.D
Acq: 31 Oct 2022 21:21

Tgt Ion:188 Resp: 1014763
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.6 8.5 12.7

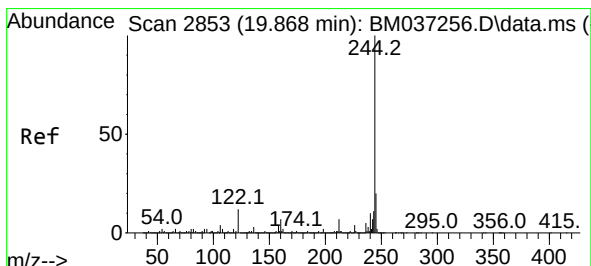
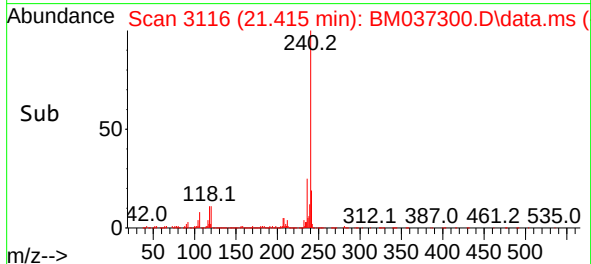
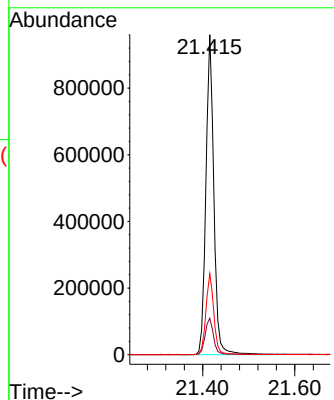
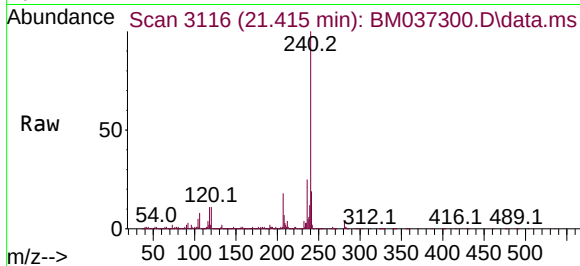




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM037300.D
Acq: 31 Oct 2022 21:21

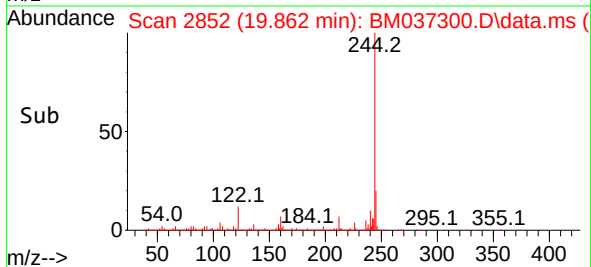
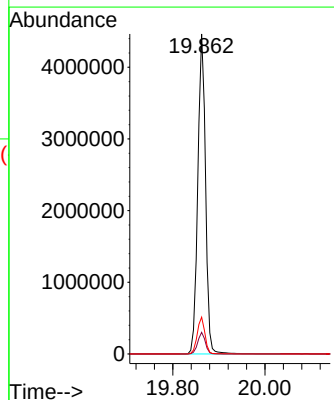
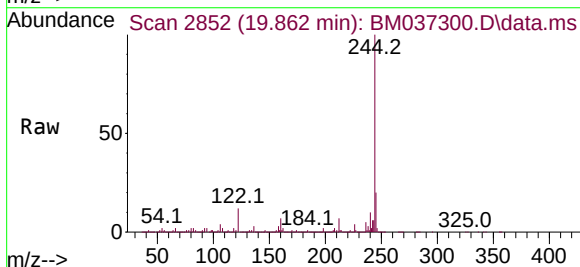
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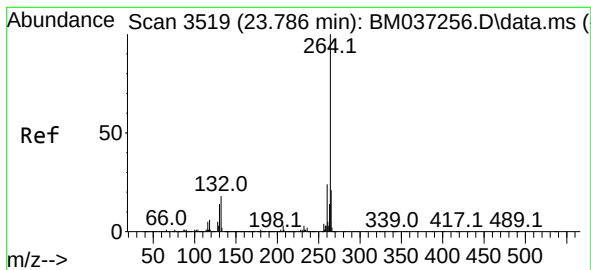
Tgt Ion:240 Resp: 1162592
Ion Ratio Lower Upper
240 100
120 11.3 9.9 14.9
236 25.3 20.3 30.5



#79
Terphenyl-d14
Concen: 79.928 ng
RT: 19.862 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM037300.D
Acq: 31 Oct 2022 21:21

Tgt Ion:244 Resp: 5181789
Ion Ratio Lower Upper
244 100
212 6.8 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: BM037300.D
Acq: 31 Oct 2022 21:21

Instrument :
BNA_M
ClientSampleId :
5051-2

Tgt Ion:264 Resp: 1329112
Ion Ratio Lower Upper
264 100
260 23.4 18.9 28.3
265 22.1 17.7 26.5

