

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082522\
 Data File : BM036409.D
 Acq On : 25 Aug 2022 16:51
 Operator : CG/JU
 Sample : N4277-03RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 U-2RE

Quant Time: Aug 26 03:39:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 15:21:00 2022
 Response via : Initial Calibration

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

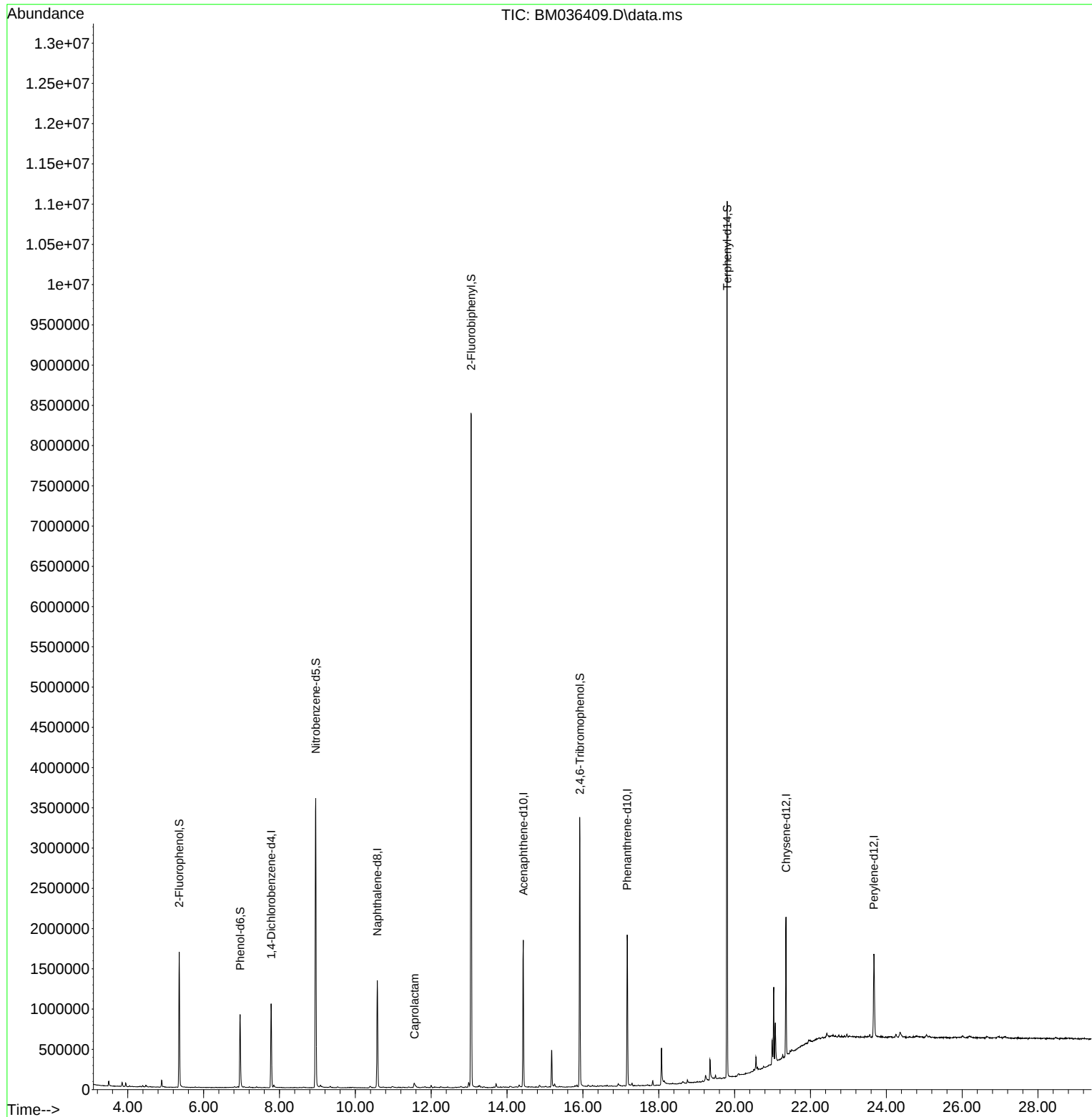
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	267175	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	1079920	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	594044	20.000	ng	0.00
64) Phenanthrene-d10	17.168	188	1089163	20.000	ng	# 0.00
76) Chrysene-d12	21.356	240	773576	20.000	ng	0.00
86) Perylene-d12	23.674	264	715268	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	680801	41.312	ng	0.00
7) Phenol-d6	6.963	99	508400	24.245	ng	0.00
23) Nitrobenzene-d5	8.957	82	2007976	104.082	ng	0.00
42) 2,4,6-Tribromophenol	15.921	330	541346	77.680	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	4116747	102.320	ng	0.00
79) Terphenyl-d14	19.804	244	4834124	123.259	ng	0.00
Target Compounds						
35) Caprolactam	11.557	113	15918	3.468	ng	Qvalue # 89

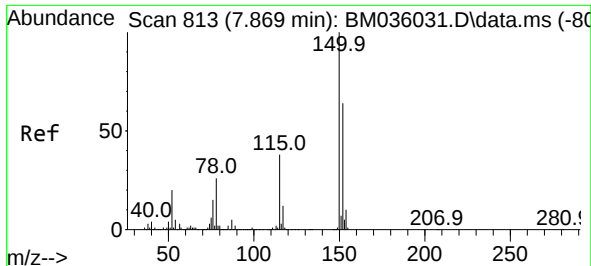
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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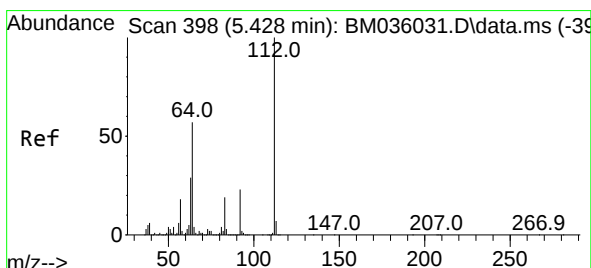
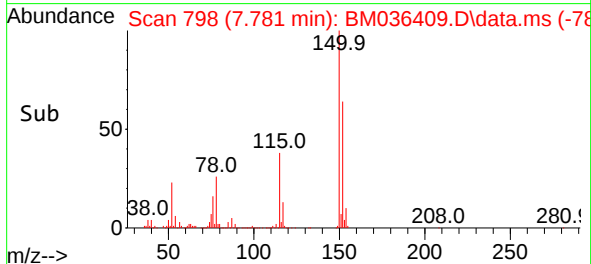
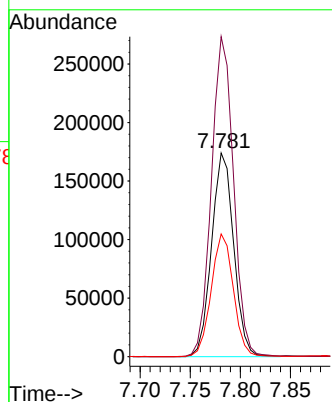
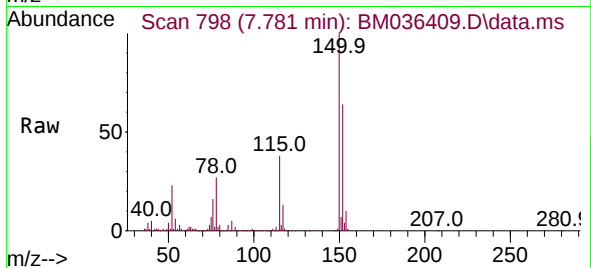




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BM036409.D
Acq: 25 Aug 2022 16:51

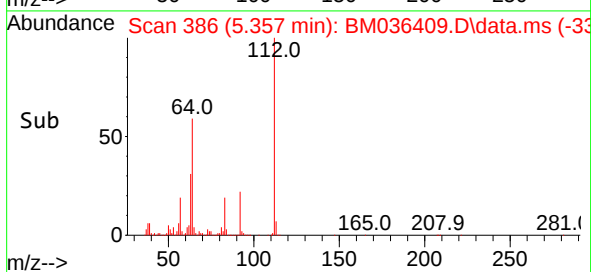
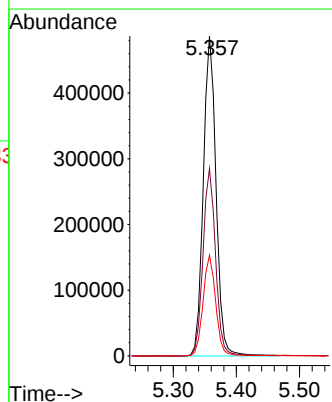
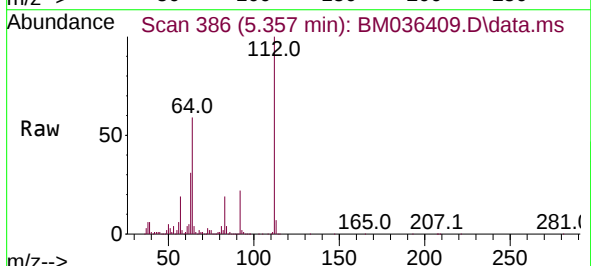
Instrument :
BNA_M
ClientSampleId :
U-2RE

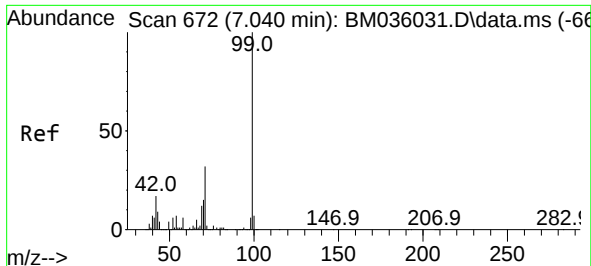
Tgt Ion:152 Resp: 267175
Ion Ratio Lower Upper
152 100
150 157.2 124.9 187.3
115 60.2 47.9 71.9



#5
2-Fluorophenol
Concen: 41.312 ng
RT: 5.357 min Scan# 386
Delta R.T. -0.000 min
Lab File: BM036409.D
Acq: 25 Aug 2022 16:51

Tgt Ion:112 Resp: 680801
Ion Ratio Lower Upper
112 100
64 58.5 47.8 71.6
63 31.4 26.6 40.0

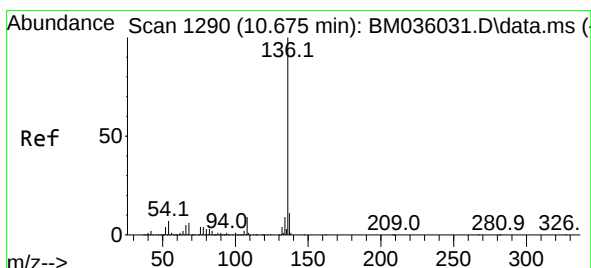
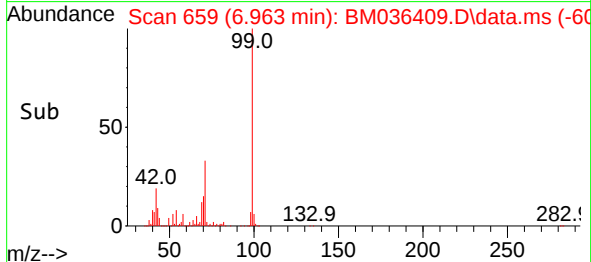
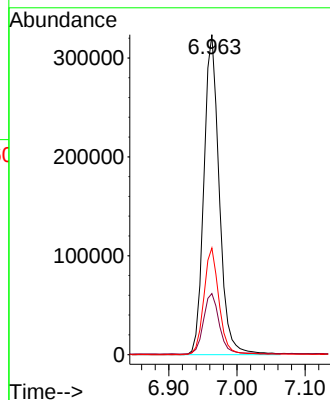
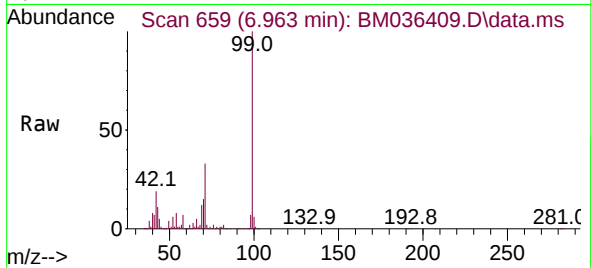




#7
Phenol-d6
Concen: 24.245 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036409.D
Acq: 25 Aug 2022 16:51

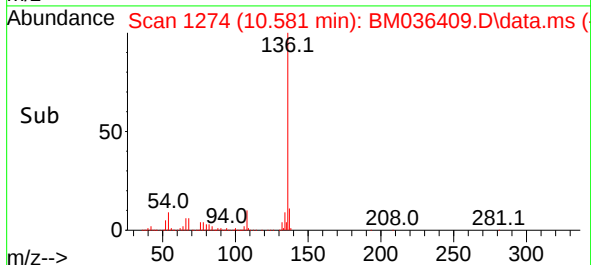
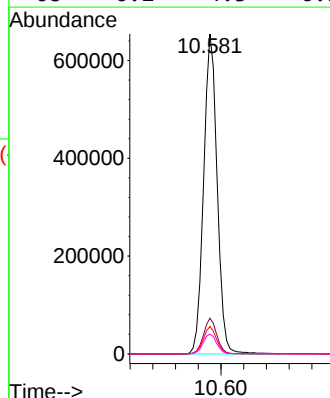
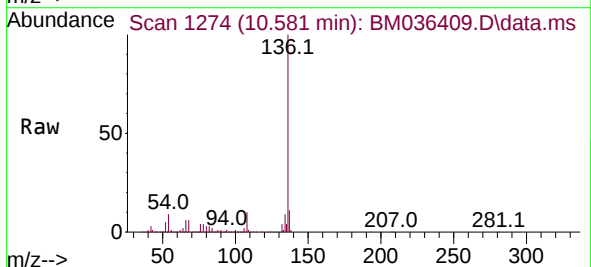
Instrument :
BNA_M
ClientSampleId :
U-2RE

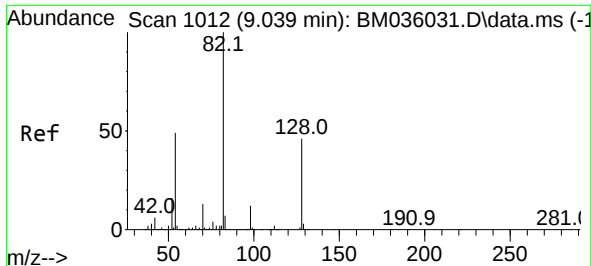
Tgt Ion: 99 Resp: 508400
Ion Ratio Lower Upper
99 100
42 19.1 18.8 28.2
71 33.3 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BM036409.D
Acq: 25 Aug 2022 16:51

Tgt Ion: 136 Resp: 1079920
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.6 7.0 10.4
68 6.2 4.3 6.5

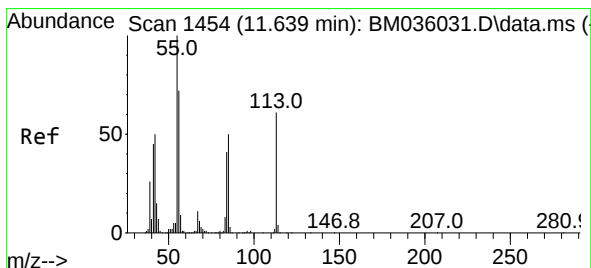
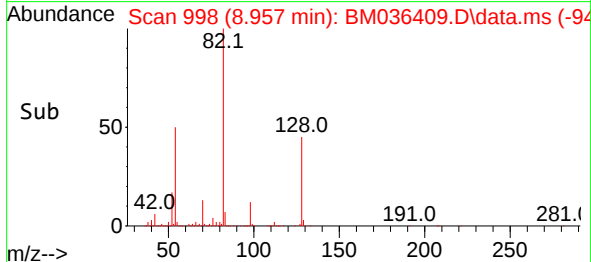
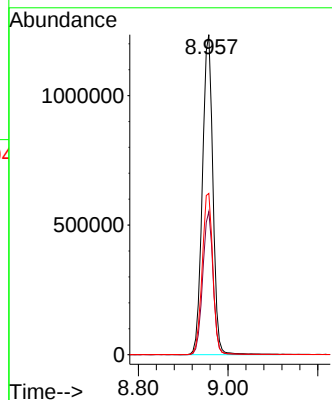
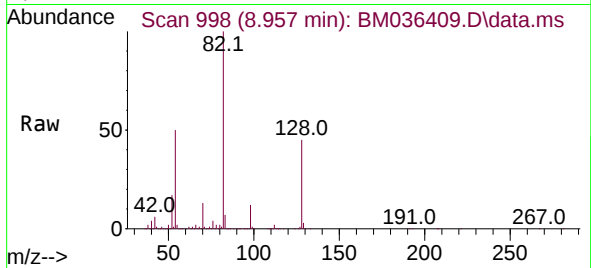




#23
Nitrobenzene-d5
Concen: 104.082 ng
RT: 8.957 min Scan# 998
Delta R.T. -0.000 min
Lab File: BM036409.D
Acq: 25 Aug 2022 16:51

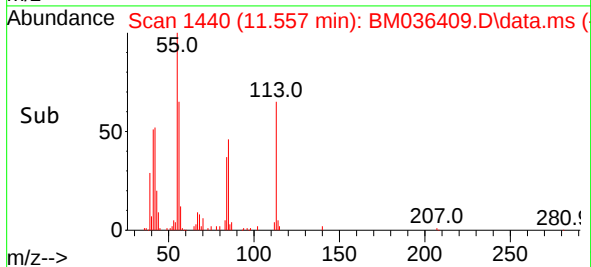
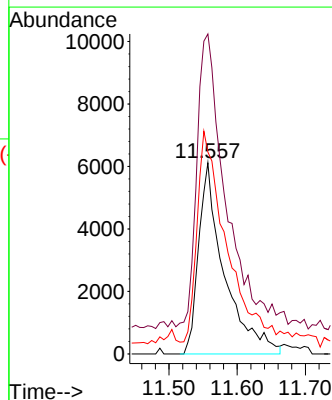
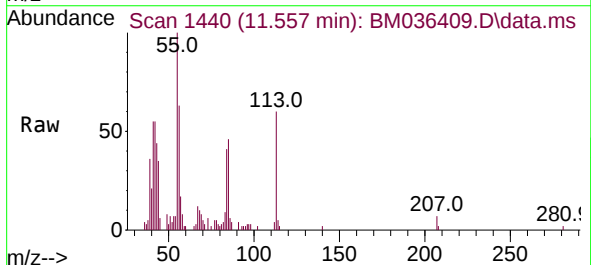
Instrument :
BNA_M
ClientSampleId :
U-2RE

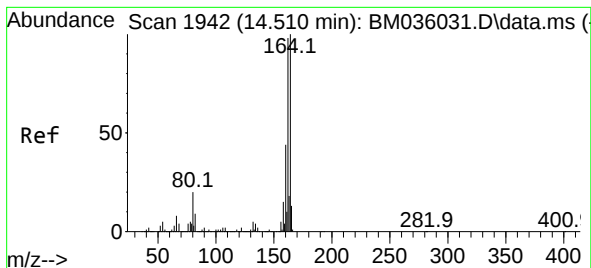
Tgt Ion: 82 Resp: 2007976
Ion Ratio Lower Upper
82 100
128 44.7 33.7 50.5
54 50.4 43.2 64.8



#35
Caprolactam
Concen: 3.468 ng
RT: 11.557 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BM036409.D
Acq: 25 Aug 2022 16:51

Tgt Ion: 113 Resp: 15918
Ion Ratio Lower Upper
113 100
55 167.5 150.1 190.1
56 105.6 111.7 151.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 19

Delta R.T. -0.006 min

Lab File: BM036409.D

Acq: 25 Aug 2022 16:51

Instrument :

BNA_M

ClientSampleId :

U-2RE

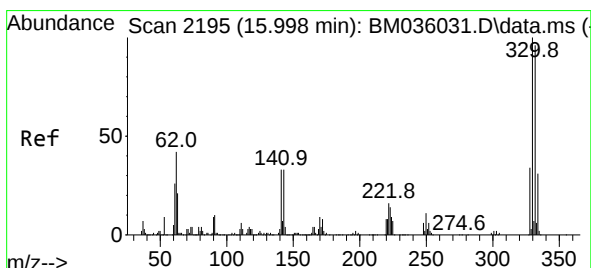
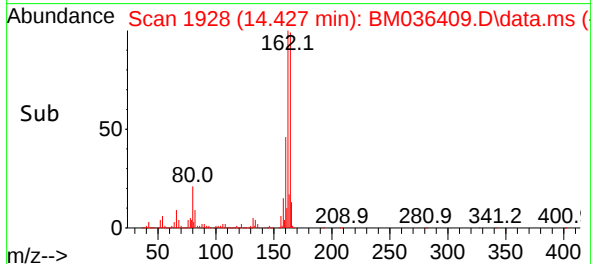
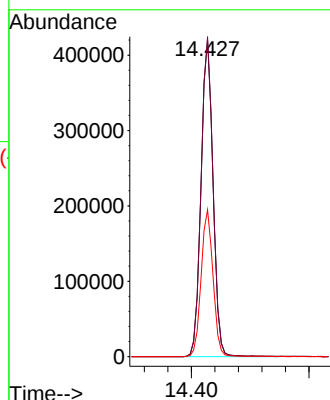
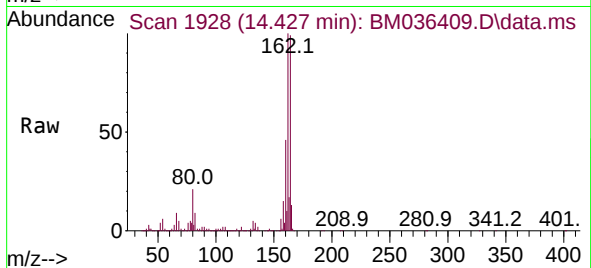
Tgt Ion:164 Resp: 594044

Ion Ratio Lower Upper

164 100

162 101.1 83.0 124.6

160 46.4 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 77.680 ng

RT: 15.921 min Scan# 2182

Delta R.T. -0.000 min

Lab File: BM036409.D

Acq: 25 Aug 2022 16:51

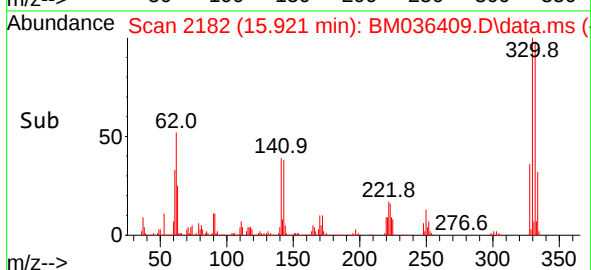
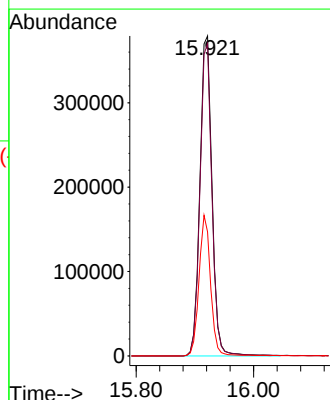
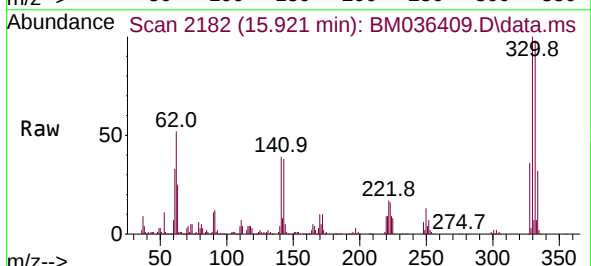
Tgt Ion:330 Resp: 541346

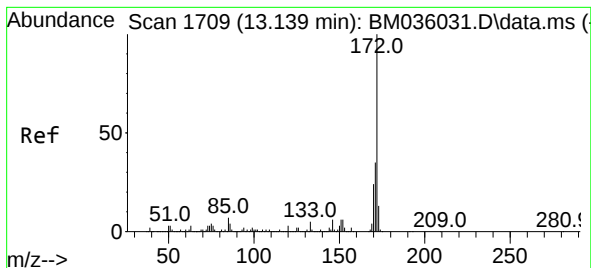
Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.4

141 42.0 35.3 52.9





#45

2-Fluorobiphenyl

Concen: 102.320 ng

RT: 13.057 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM036409.D

Acq: 25 Aug 2022 16:51

Instrument :

BNA_M

ClientSampleId :

U-2RE

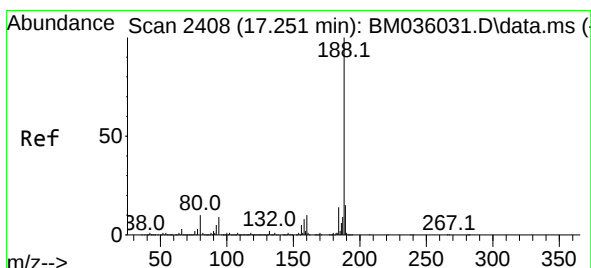
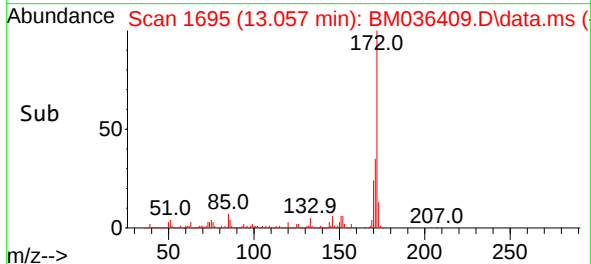
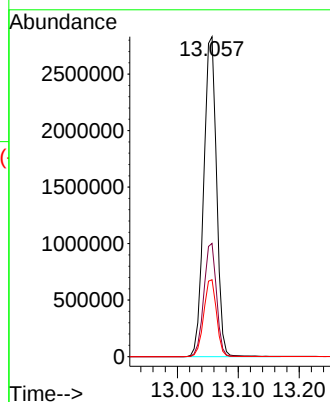
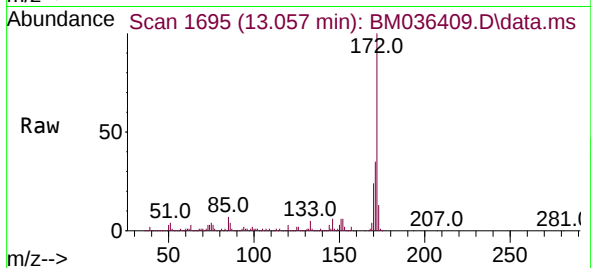
Tgt Ion:172 Resp: 4116747

Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 24.0 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.168 min Scan# 2394

Delta R.T. -0.006 min

Lab File: BM036409.D

Acq: 25 Aug 2022 16:51

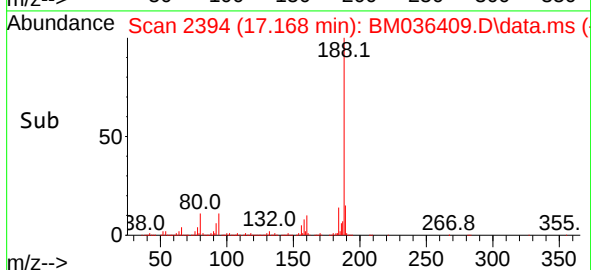
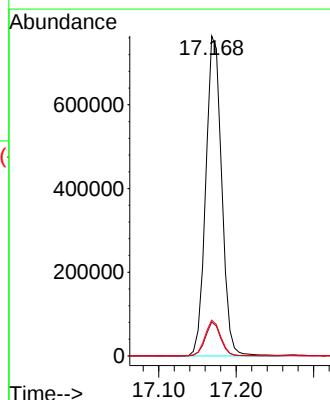
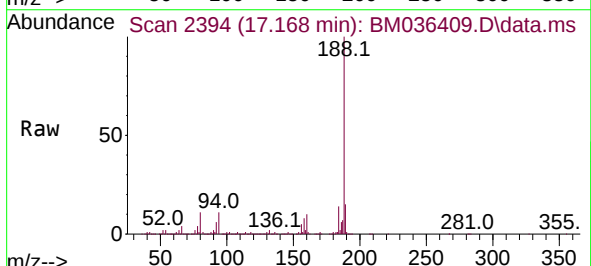
Tgt Ion:188 Resp: 1089163

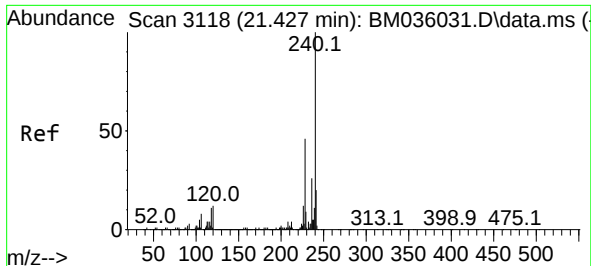
Ion Ratio Lower Upper

188 100

94 10.6 7.0 10.4#

80 11.2 7.6 11.4

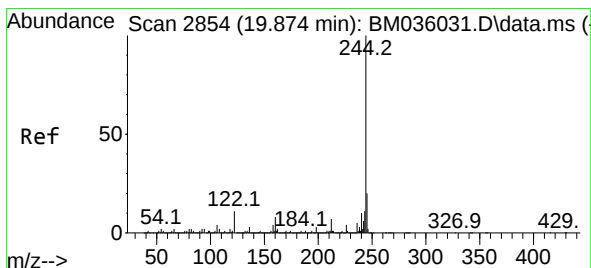
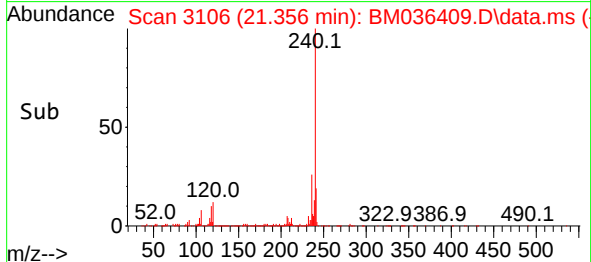
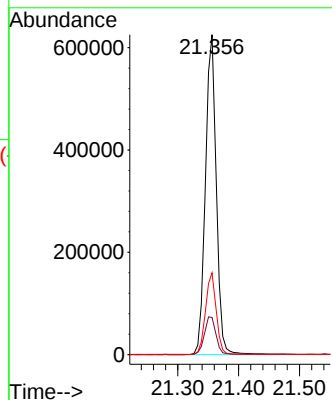
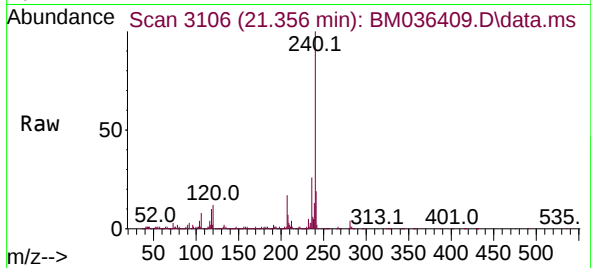




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.356 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BM036409.D
Acq: 25 Aug 2022 16:51

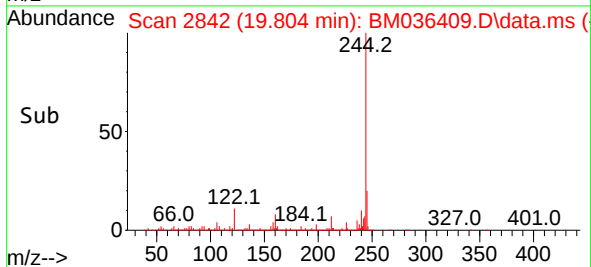
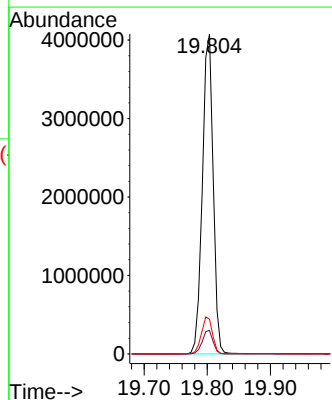
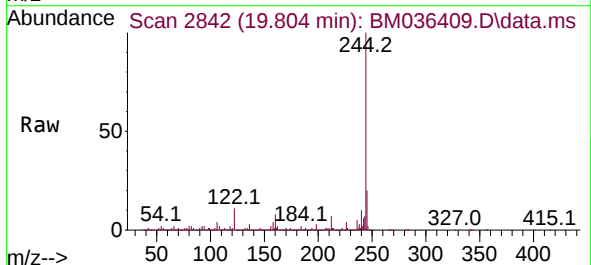
Instrument :
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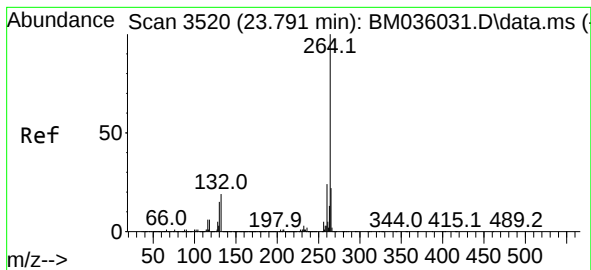
Tgt Ion:240 Resp: 773576
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.0
236 25.6 20.6 30.8



#79
Terphenyl-d14
Concen: 123.259 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.000 min
Lab File: BM036409.D
Acq: 25 Aug 2022 16:51

Tgt Ion:244 Resp: 4834124
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 10.8 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.674 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM036409.D

Acq: 25 Aug 2022 16:51

Instrument :

BNA_M

ClientSampleId :

U-2RE

Tgt Ion:264 Resp: 715268

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 23.4 17.5 26.3

