

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
 Data File : BM035397.D
 Acq On : 03 Jun 2022 16:19
 Operator : CG/JU
 Sample : N3140-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RCA-BACKFILL-MATERIAL

Quant Time: Jun 04 00:45:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 16:16:23 2022
 Response via : Initial Calibration

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

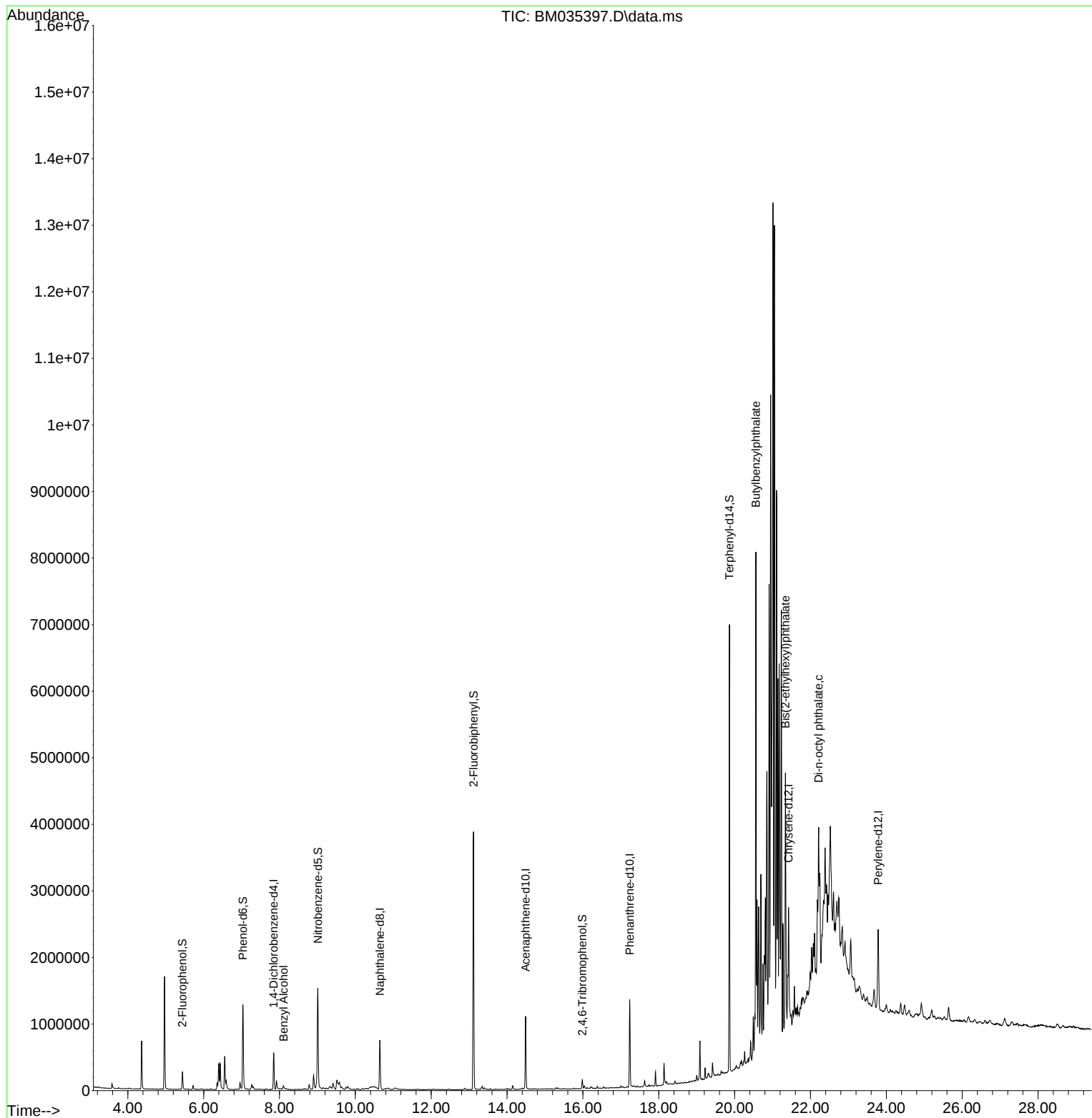
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	169341	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	619255	20.000	ng	#-0.01
39) Acenaphthene-d10	14.486	164	401106	20.000	ng	-0.01
64) Phenanthrene-d10	17.233	188	849578	20.000	ng	-0.01
76) Chrysene-d12	21.421	240	893752	20.000	ng	# 0.00
86) Perylene-d12	23.786	264	984167	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	129807	16.108	ng	0.00
7) Phenol-d6	7.034	99	806191	73.237	ng	0.00
23) Nitrobenzene-d5	9.010	82	751319	77.038	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	30995	4.816	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	2143148	76.741	ng	0.00
79) Terphenyl-d14	19.862	244	3340395	74.461	ng	0.00
Target Compounds						
9) Benzaldehyde	6.998	77	801	Below Cal		Qvalue 86
15) Benzyl Alcohol	8.104	79	22713	2.824	ng	97
80) Butylbenzylphthalate	20.562	149	2796938	121.493	ng	# 81
84) Bis(2-ethylhexyl)phtha...	21.339	149	2211919	63.789	ng	# 100
85) Di-n-octyl phthalate	22.215	149	483996	7.986	ng	# 61

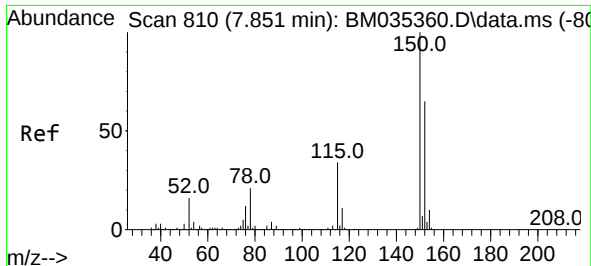
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
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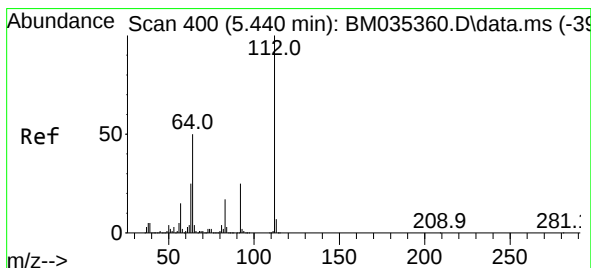
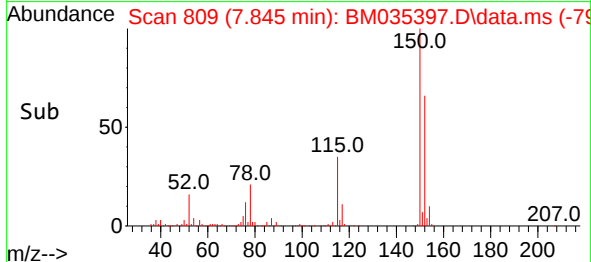
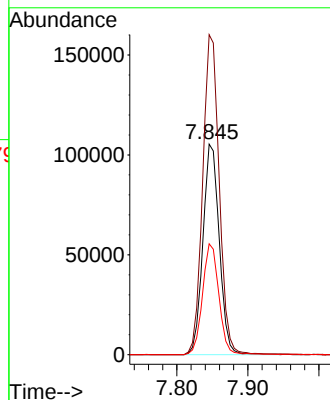
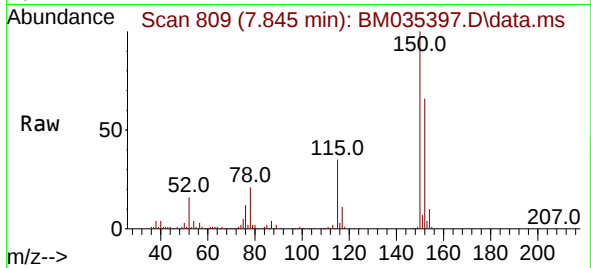




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM035397.D
Acq: 03 Jun 2022 16:19

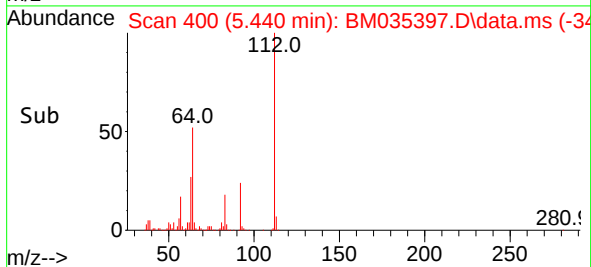
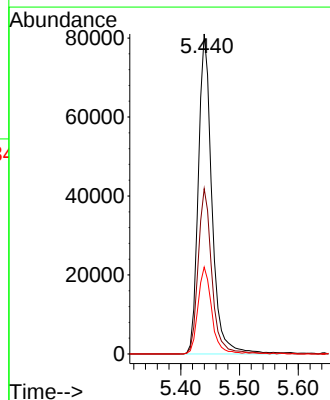
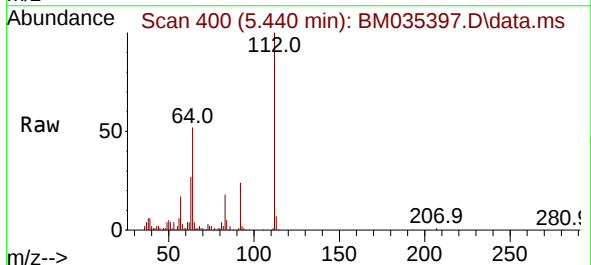
Instrument :
BNA_M
ClientSampleId :
RCA-BACKFILL-MATERIAL

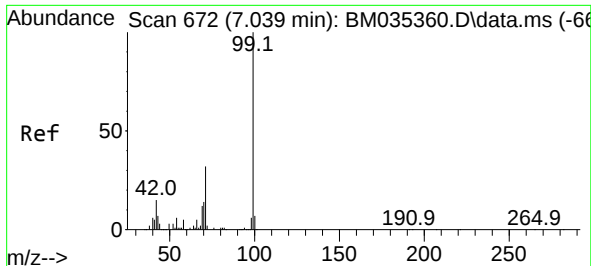
Tgt Ion:152 Resp: 169341
Ion Ratio Lower Upper
152 100
150 152.0 124.9 187.3
115 52.7 47.9 71.9



#5
2-Fluorophenol
Concen: 16.108 ng
RT: 5.440 min Scan# 400
Delta R.T. 0.000 min
Lab File: BM035397.D
Acq: 03 Jun 2022 16:19

Tgt Ion:112 Resp: 129807
Ion Ratio Lower Upper
112 100
64 51.7 47.8 71.6
63 27.1 26.6 40.0

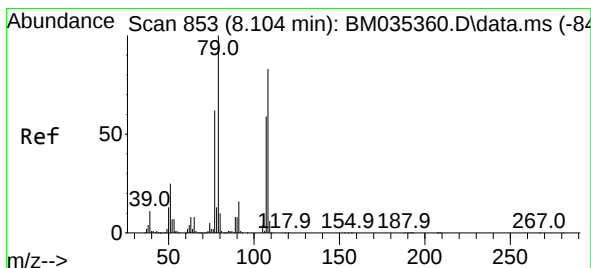
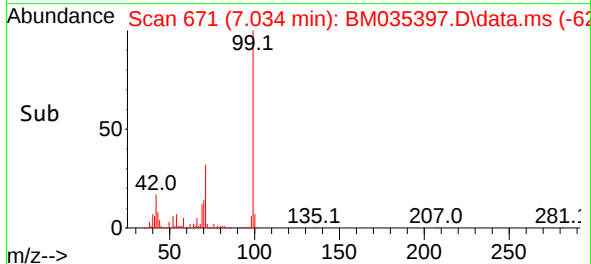
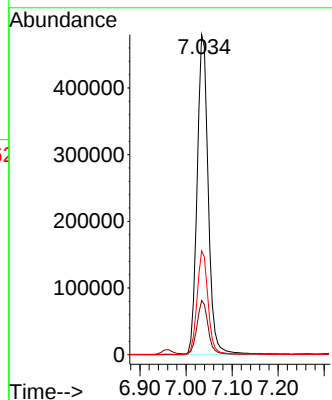
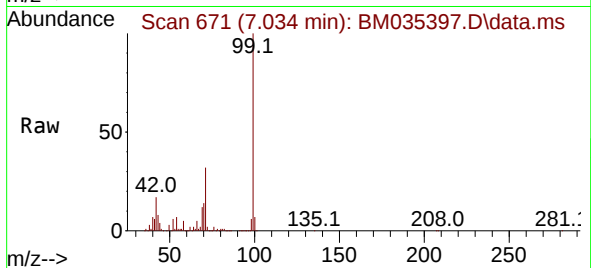




#7
Phenol-d6
Concen: 73.237 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035397.D
Acq: 03 Jun 2022 16:19

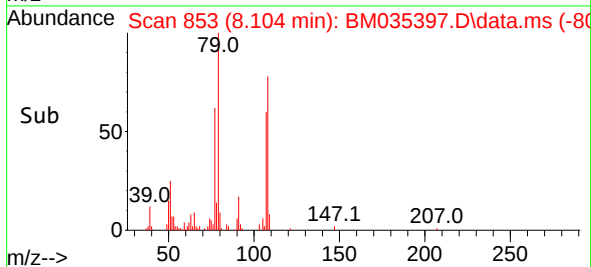
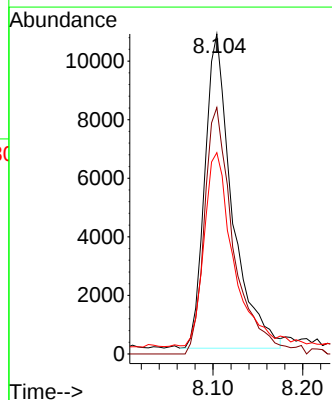
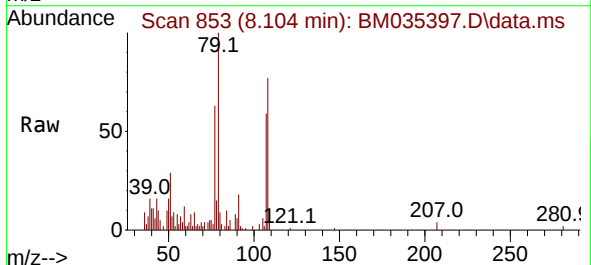
Instrument :
BNA_M
ClientSampleId :
RCA-BACKFILL-MATERIAL

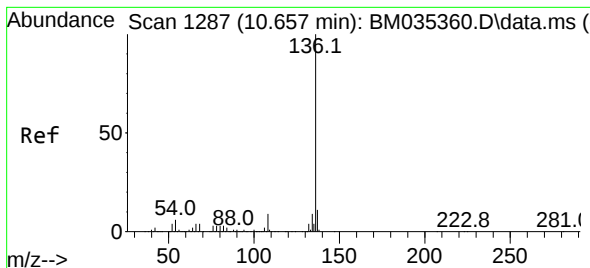
Tgt Ion: 99 Resp: 806191
Ion Ratio Lower Upper
99 100
42 17.0 18.8 28.2#
71 32.5 30.2 45.2



#15
Benzyl Alcohol
Concen: 2.824 ng
RT: 8.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BM035397.D
Acq: 03 Jun 2022 16:19

Tgt Ion: 79 Resp: 22713
Ion Ratio Lower Upper
79 100
108 77.0 59.0 88.4
77 62.9 52.2 78.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.645 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM035397.D

Acq: 03 Jun 2022 16:19

Instrument :

BNA_M

ClientSampleId :

RCA-BACKFILL-MATERIAL

Tgt Ion:136 Resp: 619255

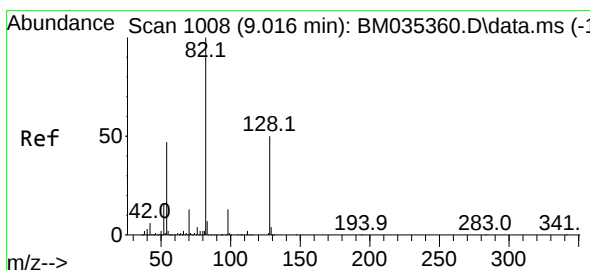
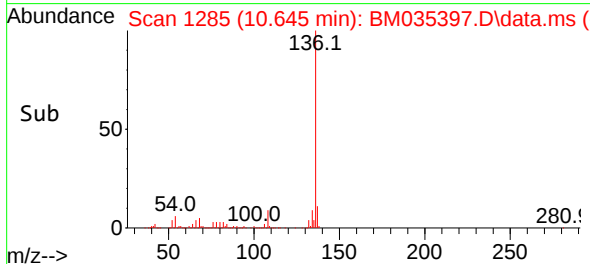
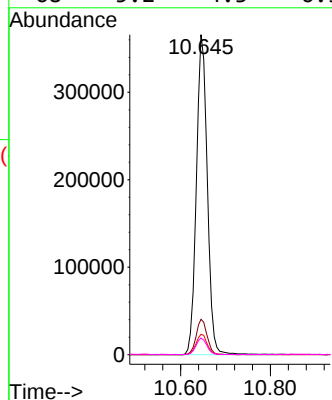
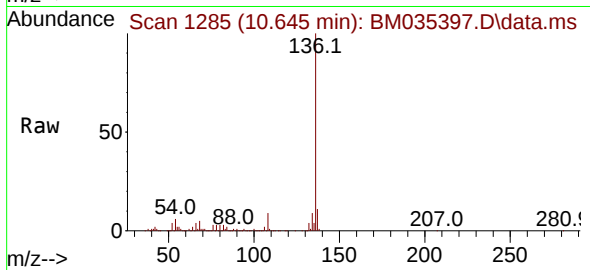
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.4 7.0 10.4#

68 5.2 4.3 6.5



#23

Nitrobenzene-d5

Concen: 77.038 ng

RT: 9.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BM035397.D

Acq: 03 Jun 2022 16:19

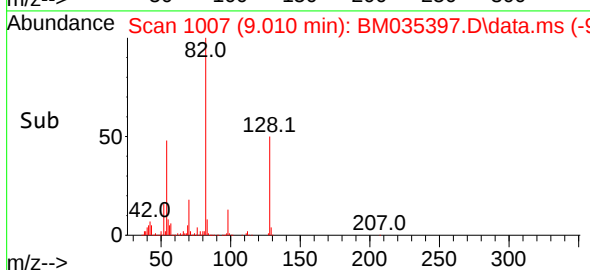
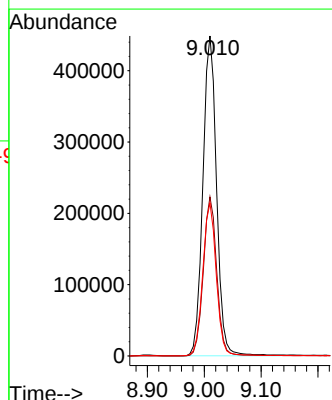
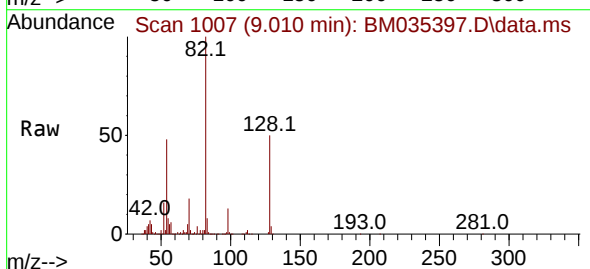
Tgt Ion: 82 Resp: 751319

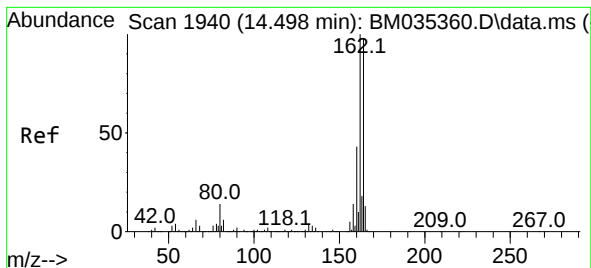
Ion Ratio Lower Upper

82 100

128 49.7 33.7 50.5

54 47.8 43.2 64.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.486 min Scan# 1938

Delta R.T. -0.012 min

Lab File: BM035397.D

Acq: 03 Jun 2022 16:19

Instrument :

BNA_M

ClientSampleId :

RCA-BACKFILL-MATERIAL

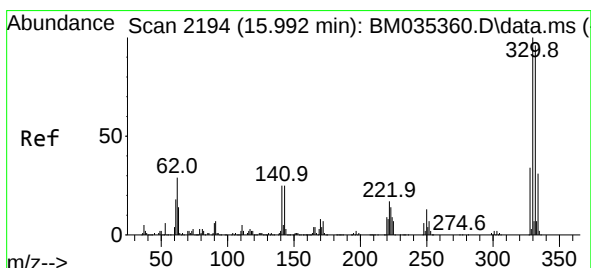
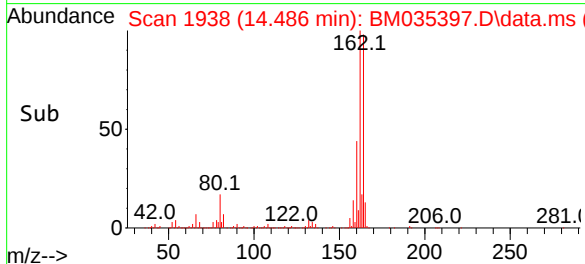
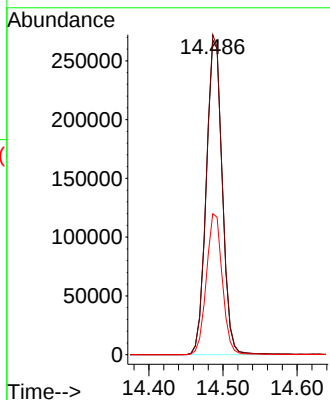
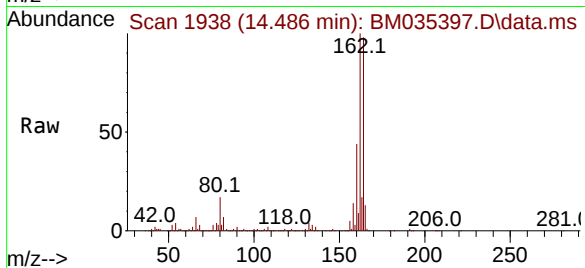
Tgt Ion:164 Resp: 401106

Ion Ratio Lower Upper

164 100

162 101.7 83.0 124.6

160 44.8 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 4.816 ng

RT: 15.986 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BM035397.D

Acq: 03 Jun 2022 16:19

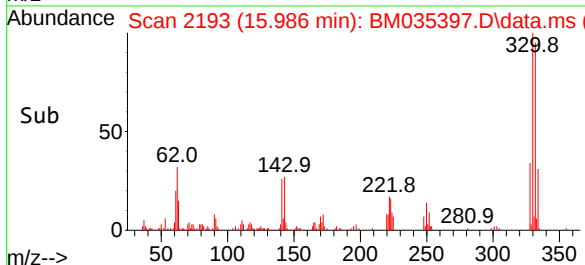
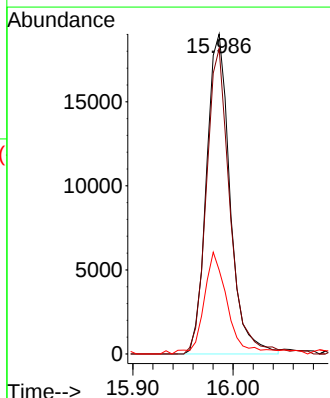
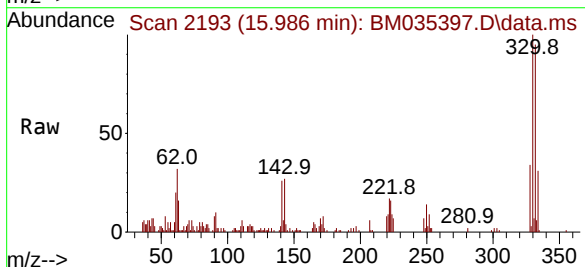
Tgt Ion:330 Resp: 30995

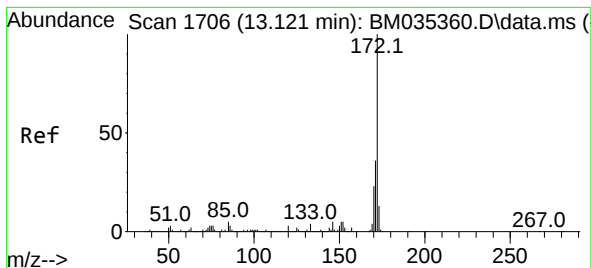
Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.4

141 31.9 35.3 52.9#





#45

2-Fluorobiphenyl

Concen: 76.741 ng

RT: 13.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035397.D

Acq: 03 Jun 2022 16:19

Instrument :

BNA_M

ClientSampleId :

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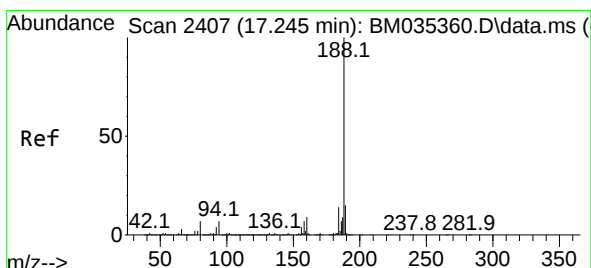
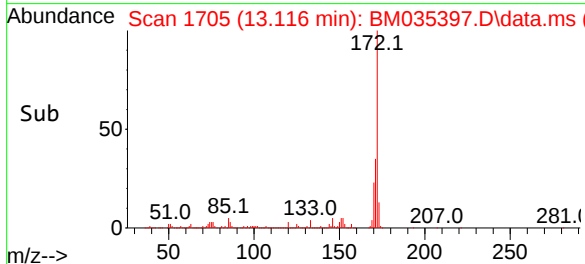
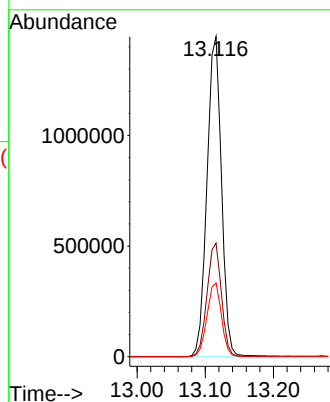
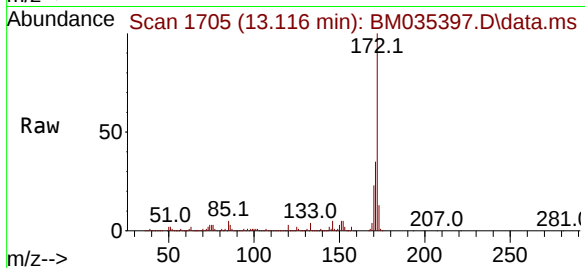
Tgt Ion:172 Resp: 2143148

Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.0 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.233 min Scan# 2405

Delta R.T. -0.012 min

Lab File: BM035397.D

Acq: 03 Jun 2022 16:19

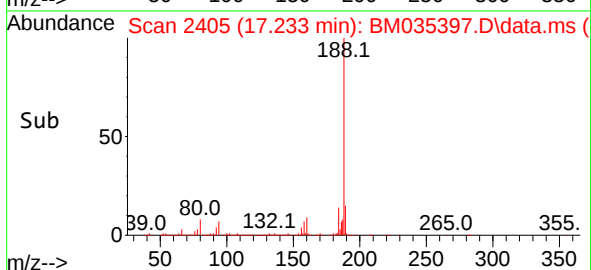
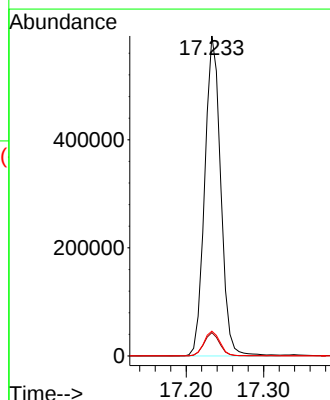
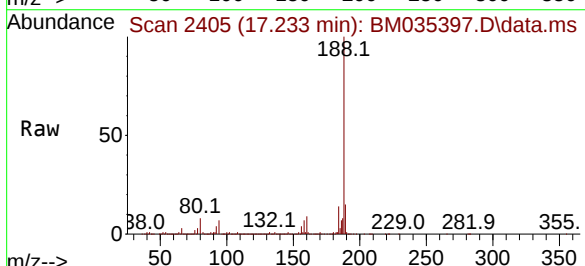
Tgt Ion:188 Resp: 849578

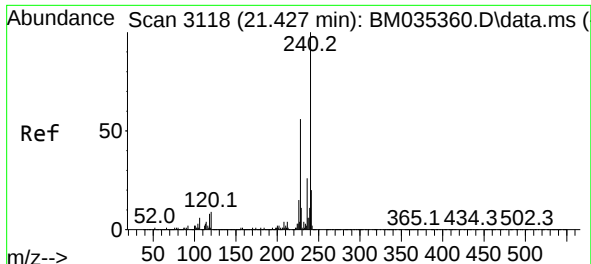
Ion Ratio Lower Upper

188 100

94 7.3 7.0 10.4

80 7.8 7.6 11.4

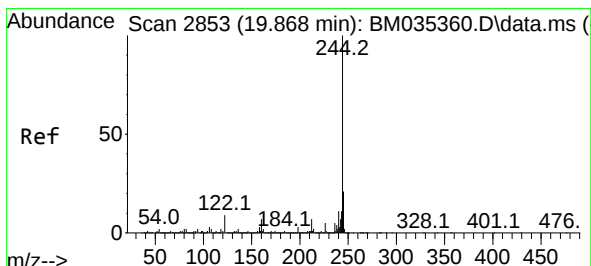
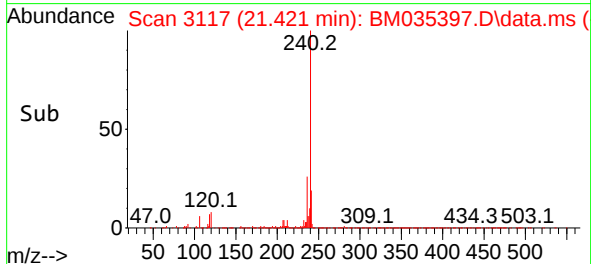
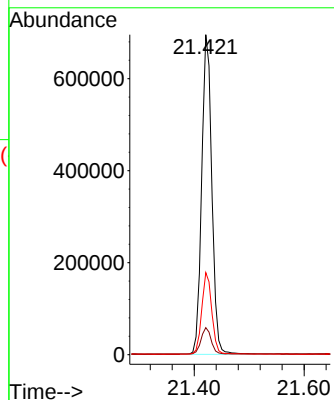
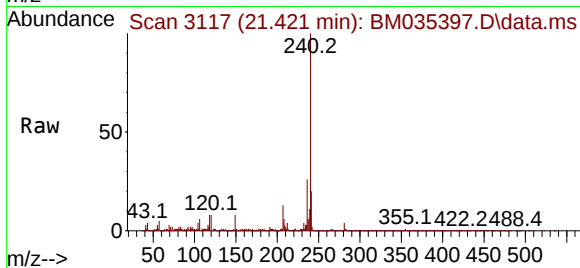




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM035397.D
Acq: 03 Jun 2022 16:19

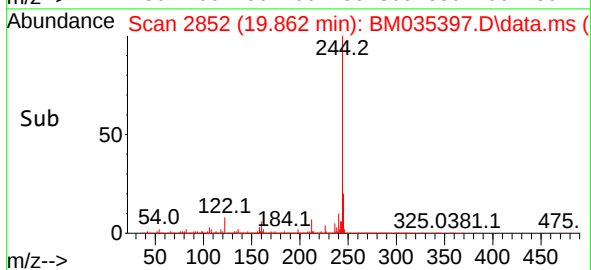
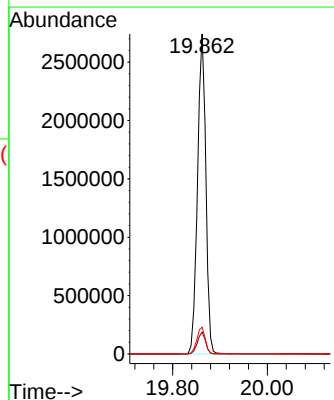
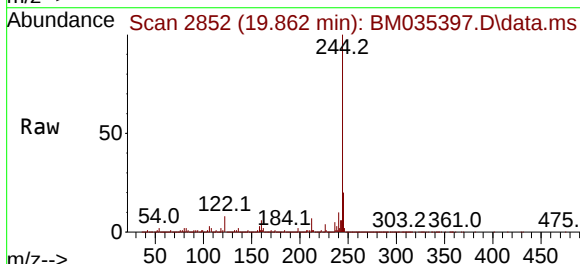
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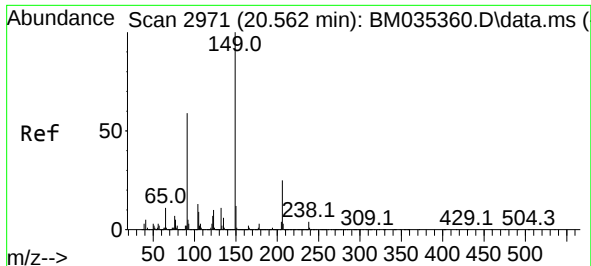
Tgt Ion:240 Resp: 893752
Ion Ratio Lower Upper
240 100
120 8.4 9.4 14.0#
236 25.7 20.6 30.8



#79
Terphenyl-d14
Concen: 74.461 ng
RT: 19.862 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM035397.D
Acq: 03 Jun 2022 16:19

Tgt Ion:244 Resp: 3340395
Ion Ratio Lower Upper
244 100
212 6.8 6.2 9.4
122 8.3 8.3 12.5

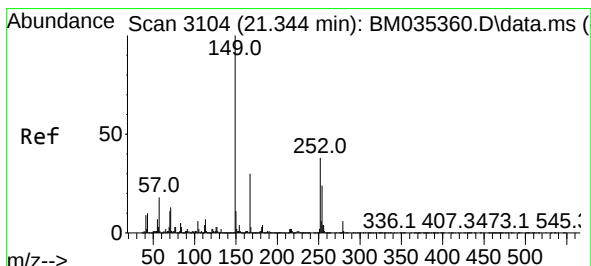
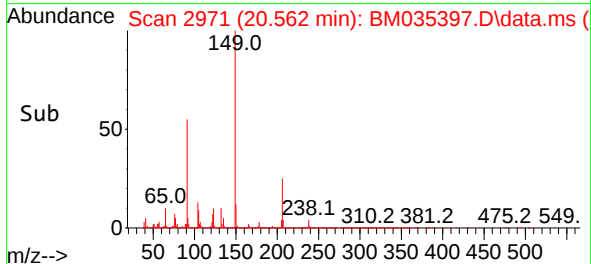
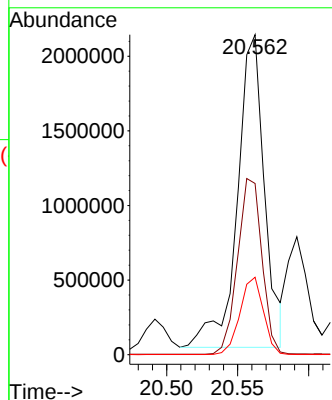
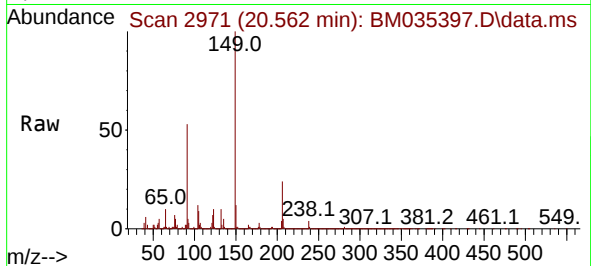




#80
Butylbenzylphthalate
Concen: 121.493 ng
RT: 20.562 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BM035397.D
Acq: 03 Jun 2022 16:19

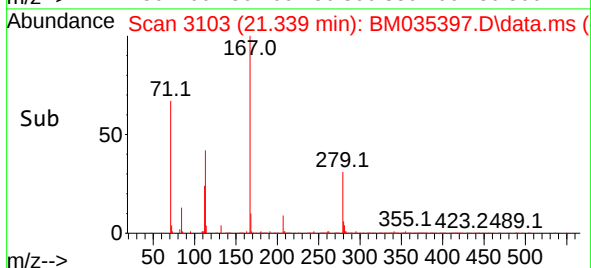
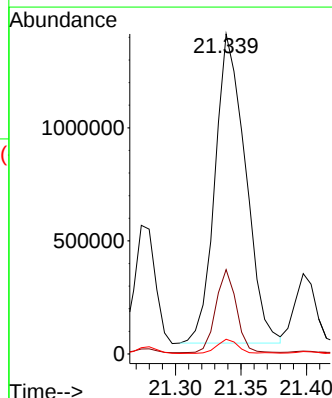
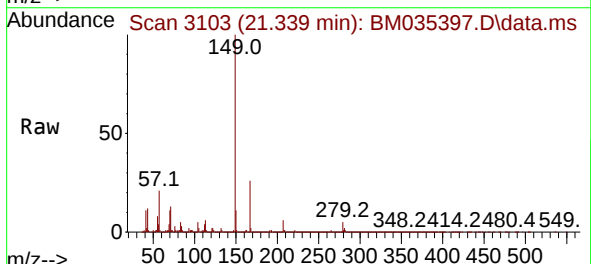
Instrument :
BNA_M
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RCA-BACKFILL-MATERIAL

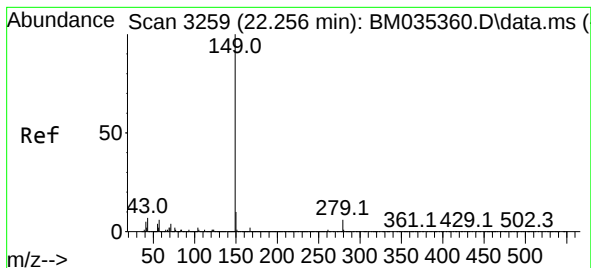
Tgt Ion:149 Resp: 2796938
Ion Ratio Lower Upper
149 100
91 53.5 56.6 85.0#
206 24.2 15.4 23.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 63.789 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM035397.D
Acq: 03 Jun 2022 16:19

Tgt Ion:149 Resp: 2211919
Ion Ratio Lower Upper
149 100
167 26.3 21.1 31.7
279 4.6 2.8 4.2#





#85

Di-n-octyl phthalate

Concen: 7.986 ng

RT: 22.215 min Scan# 31

Delta R.T. -0.041 min

Lab File: BM035397.D

Acq: 03 Jun 2022 16:19

Instrument :

BNA_M

ClientSampleId :

RCA-BACKFILL-MATERIAL

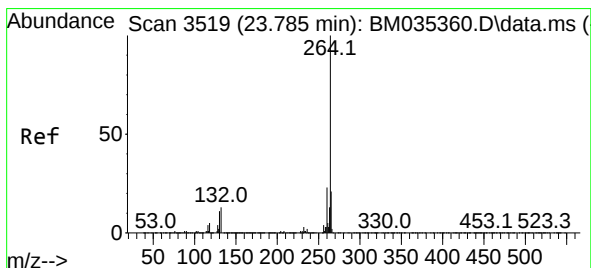
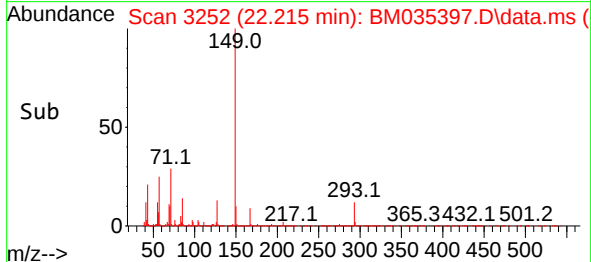
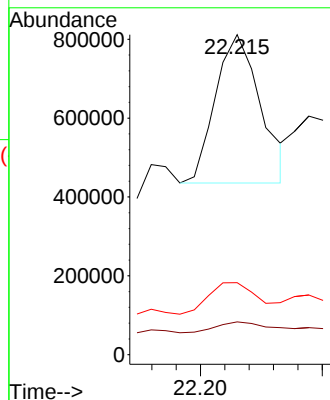
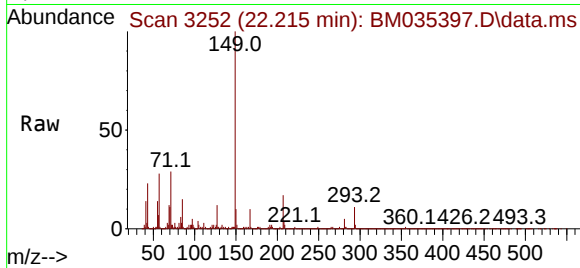
Tgt Ion:149 Resp: 483996

Ion Ratio Lower Upper

149 100

167 24.0 1.3 1.9#

43 24.1 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.786 min Scan# 3519

Delta R.T. 0.000 min

Lab File: BM035397.D

Acq: 03 Jun 2022 16:19

Tgt Ion:264 Resp: 984167

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 22.6 17.5 26.3

