

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022522\
 Data File : BM034086.D
 Acq On : 25 Feb 2022 20:14
 Operator : CG/JU
 Sample : N1664-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2

Quant Time: Feb 26 04:02:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 26 03:45:21 2022
 Response via : Initial Calibration

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

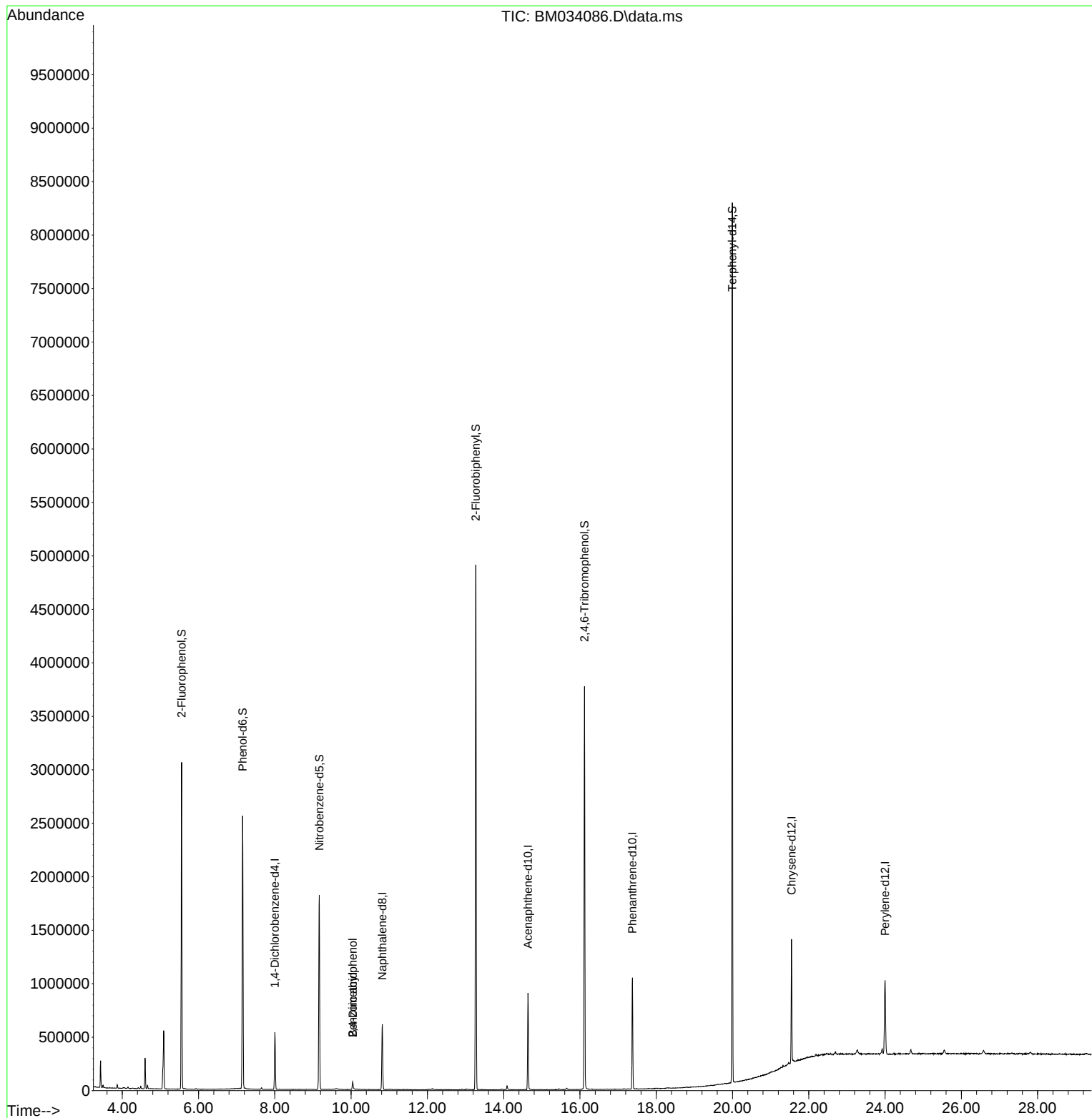
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	140220	20.000	ng	0.00
21) Naphthalene-d8	10.819	136	499742	20.000	ng	# 0.00
39) Acenaphthene-d10	14.636	164	311472	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	627937	20.000	ng	# 0.00
76) Chrysene-d12	21.548	240	574891	20.000	ng	# 0.00
86) Perylene-d12	24.000	264	552360	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	1178257	149.792	ng	0.00
7) Phenol-d6	7.154	99	1285106	124.416	ng	0.00
23) Nitrobenzene-d5	9.166	82	961967	103.879	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	674997	178.558	ng	0.00
45) 2-Fluorobiphenyl	13.272	172	2498918	106.889	ng	0.00
79) Terphenyl-d14	19.995	244	3785605	114.665	ng	0.00
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	10.042	122	30233	4.607	ng	# 1
32) Benzoic acid	10.042	122	30233	6.083	ng	# 82

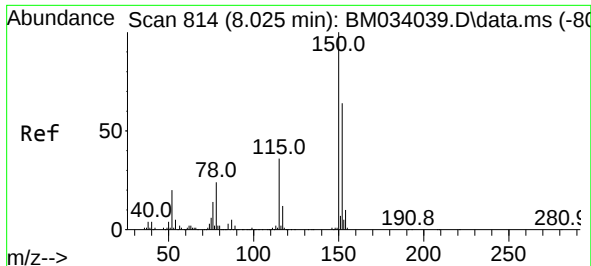
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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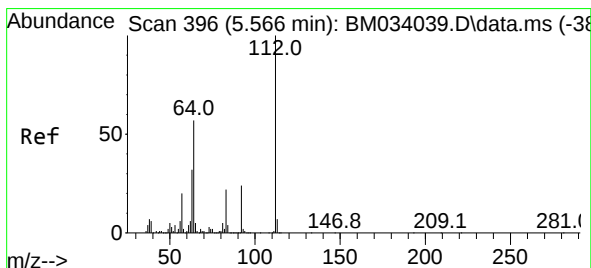
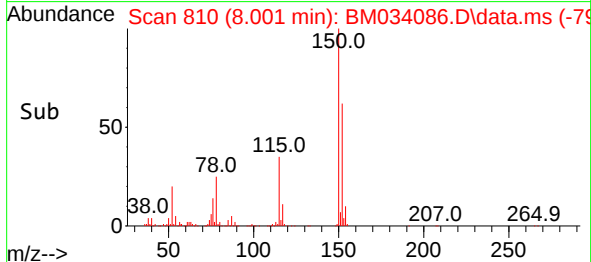
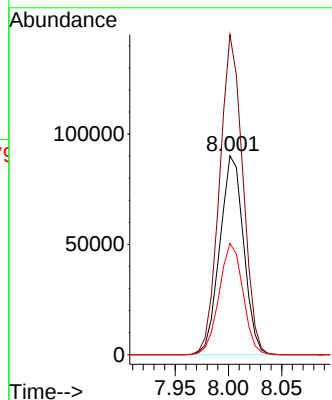
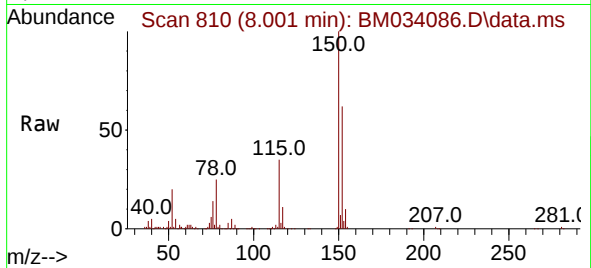




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.001 min Scan# 814
Delta R.T. 0.000 min
Lab File: BM034086.D
Acq: 25 Feb 2022 20:14

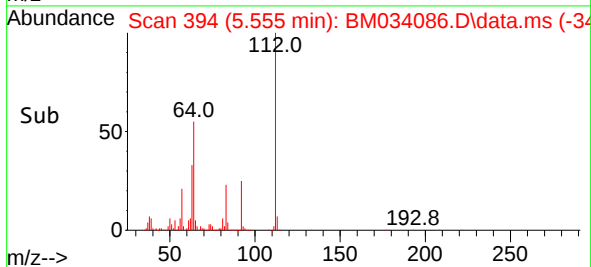
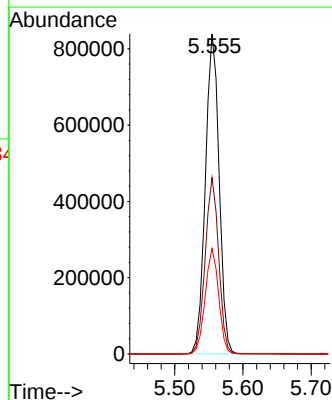
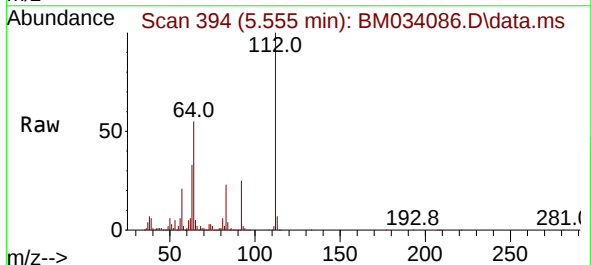
Instrument :
BNA_M
ClientSampleId :
TP-2

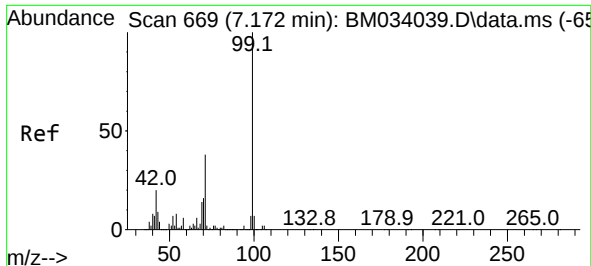
Tgt Ion:152 Resp: 140220
Ion Ratio Lower Upper
152 100
150 160.9 128.9 193.3
115 56.0 53.0 79.6



#5
2-Fluorophenol
Concen: 149.792 ng
RT: 5.555 min Scan# 394
Delta R.T. 0.006 min
Lab File: BM034086.D
Acq: 25 Feb 2022 20:14

Tgt Ion:112 Resp: 1178257
Ion Ratio Lower Upper
112 100
64 55.1 55.5 83.3#
63 32.9 31.3 46.9



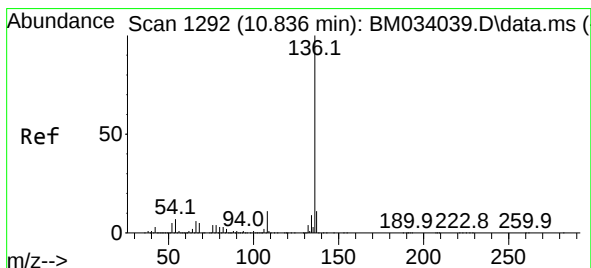
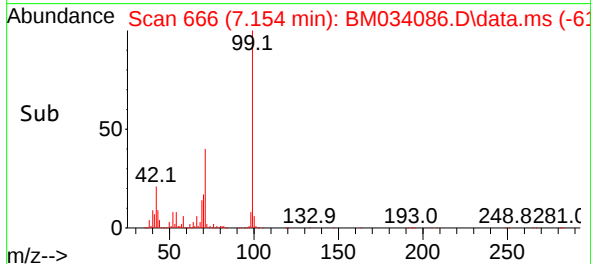
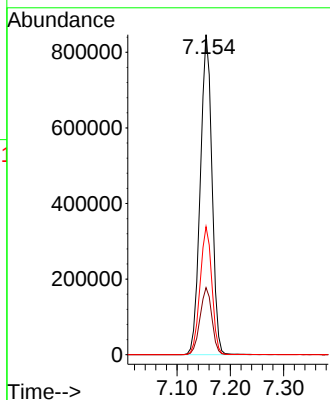
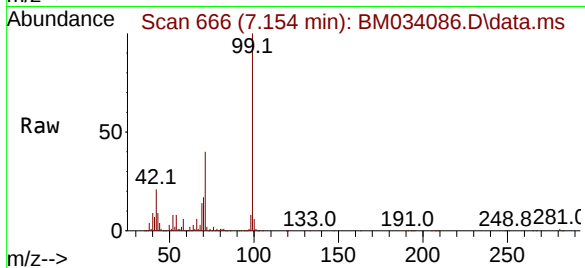


#7
Phenol-d6
Concen: 124.416 ng
RT: 7.154 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM034086.D
Acq: 25 Feb 2022 20:14

Instrument :
BNA_M
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 1285106

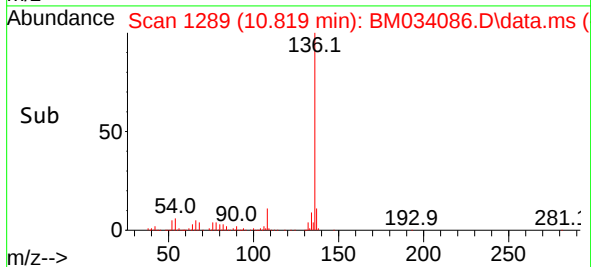
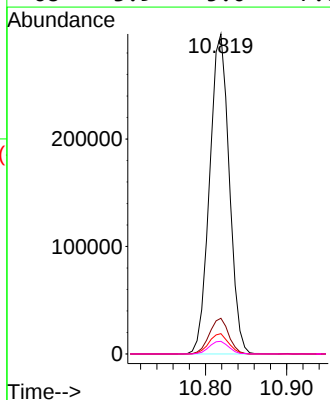
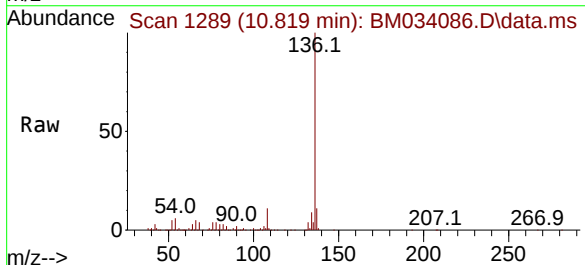
Ion	Ratio	Lower	Upper
99	100		
42	20.9	20.3	30.5
71	40.0	34.5	51.7

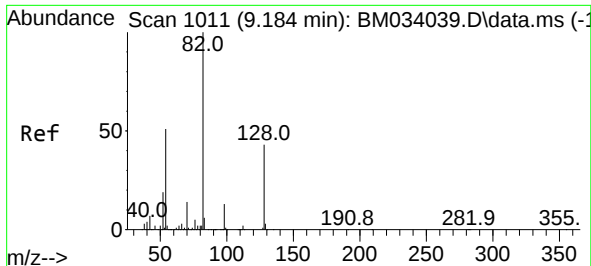


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.819 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BM034086.D
Acq: 25 Feb 2022 20:14

Tgt Ion: 136 Resp: 499742

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.3	8.3	12.5#
68	3.9	5.0	7.6#

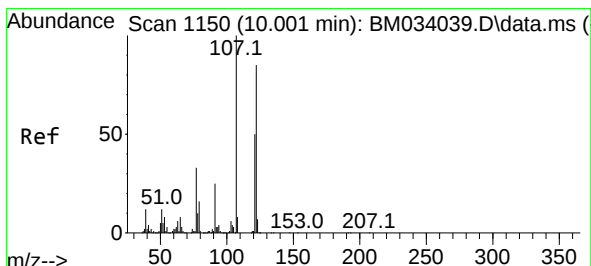
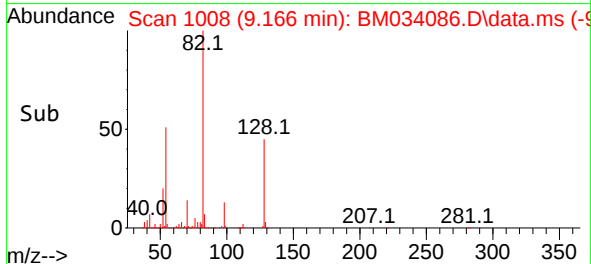
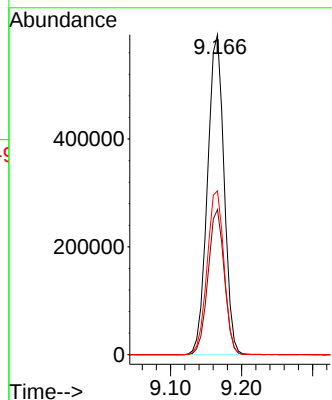
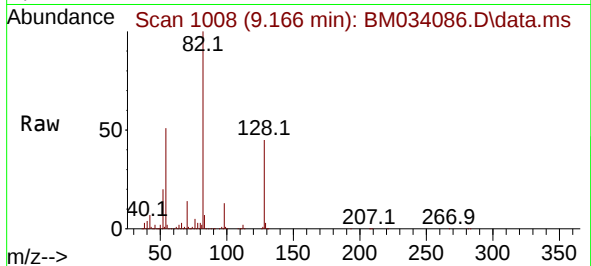




#23
Nitrobenzene-d5
Concen: 103.879 ng
RT: 9.166 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BM034086.D
Acq: 25 Feb 2022 20:14

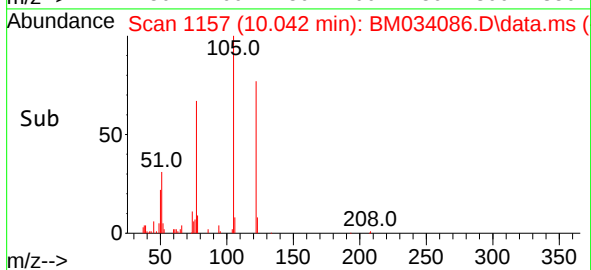
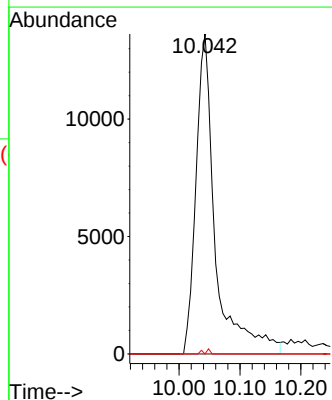
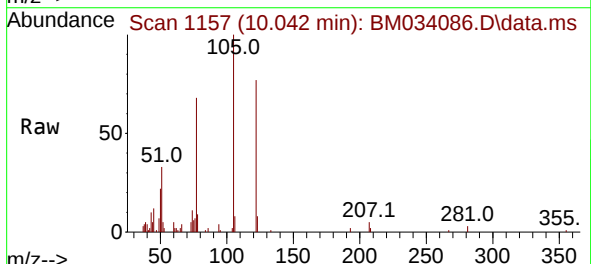
Instrument :
BNA_M
ClientSampleId :
TP-2

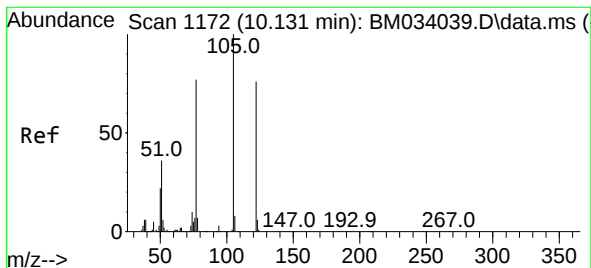
Tgt Ion: 82 Resp: 961967
Ion Ratio Lower Upper
82 100
128 45.3 28.1 42.1#
54 51.2 46.1 69.1



#27
2,4-Dimethylphenol
Concen: 4.607 ng
RT: 10.042 min Scan# 1157
Delta R.T. 0.059 min
Lab File: BM034086.D
Acq: 25 Feb 2022 20:14

Tgt Ion:122 Resp: 30233
Ion Ratio Lower Upper
122 100
107 0.0 105.3 157.9#
121 0.0 49.7 74.5#





#32

Benzoic acid

Concen: 6.083 ng

RT: 10.042 min Scan# 1172

Delta R.T. -0.076 min

Lab File: BM034086.D

Acq: 25 Feb 2022 20:14

Instrument :

BNA_M

ClientSampleId :

TP-2

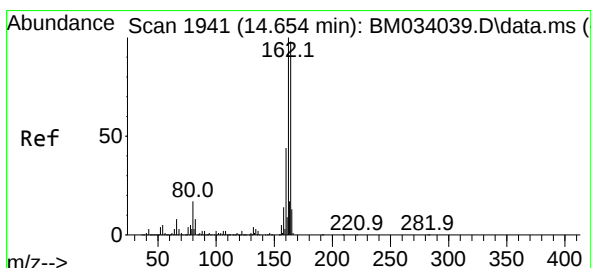
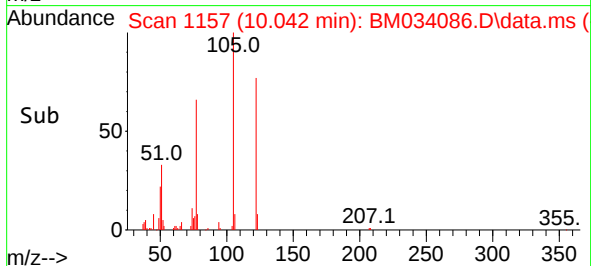
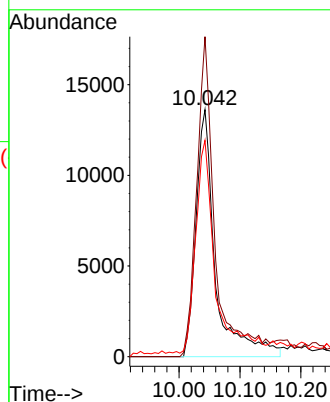
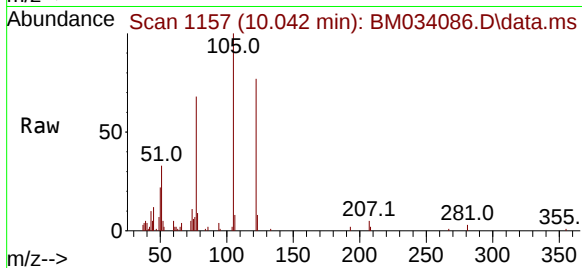
Tgt Ion:122 Resp: 30233

Ion Ratio Lower Upper

122 100

105 129.5 119.6 159.6

77 87.6 101.0 141.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.636 min Scan# 1938

Delta R.T. -0.006 min

Lab File: BM034086.D

Acq: 25 Feb 2022 20:14

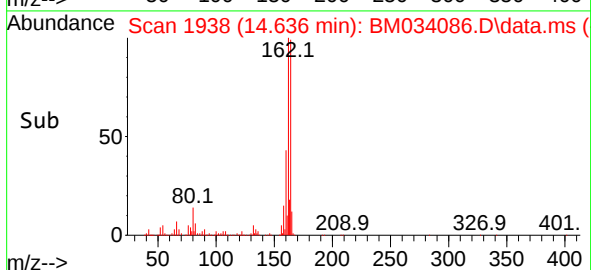
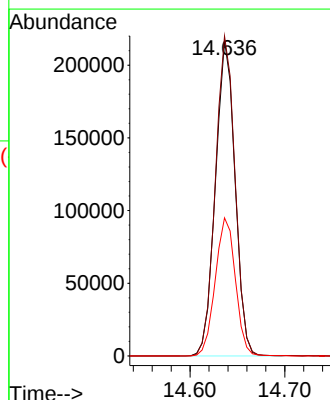
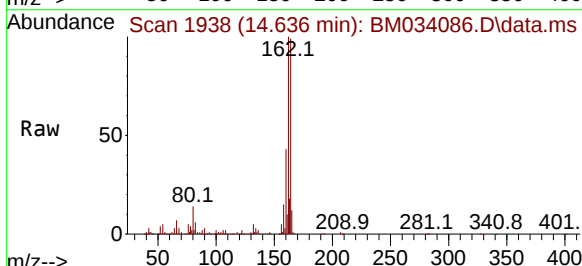
Tgt Ion:164 Resp: 311472

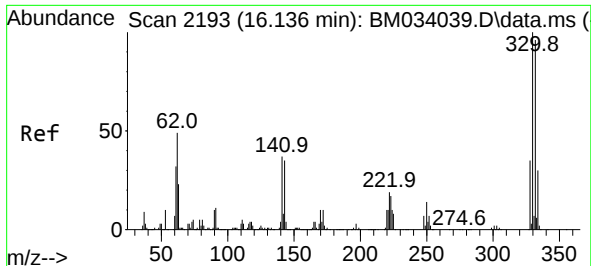
Ion Ratio Lower Upper

164 100

162 101.4 79.7 119.5

160 43.8 34.2 51.4

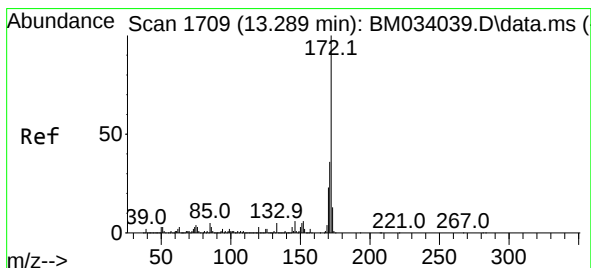
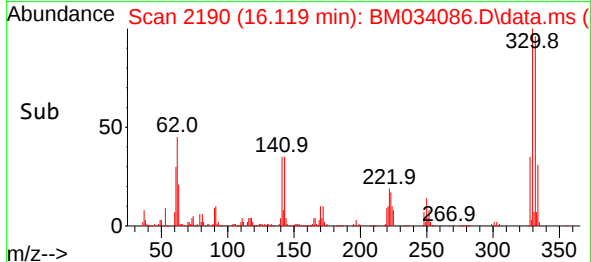
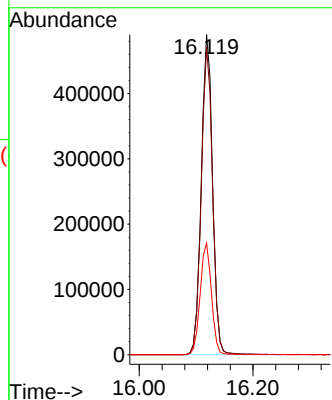
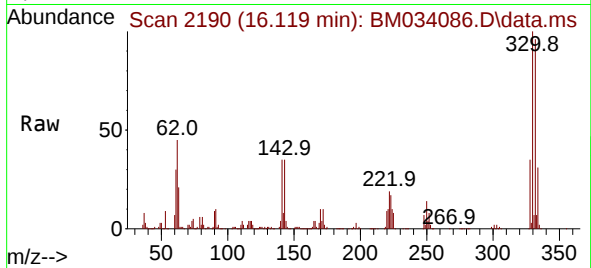




#42
2,4,6-Tribromophenol
Concen: 178.558 ng
RT: 16.119 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034086.D
Acq: 25 Feb 2022 20:14

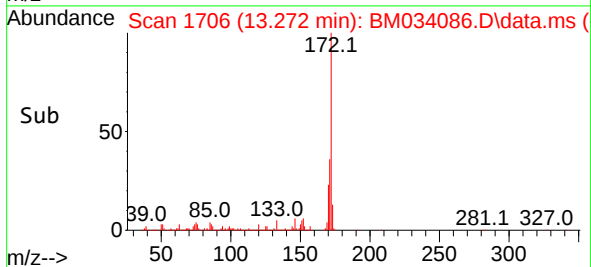
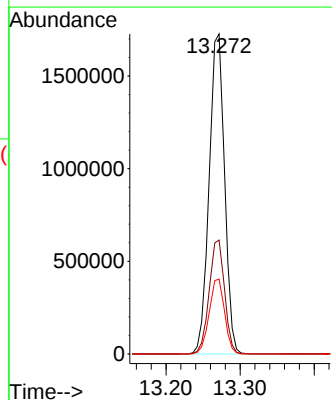
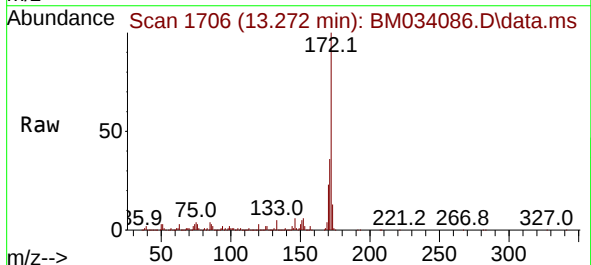
Instrument :
BNA_M
ClientSampleId :
TP-2

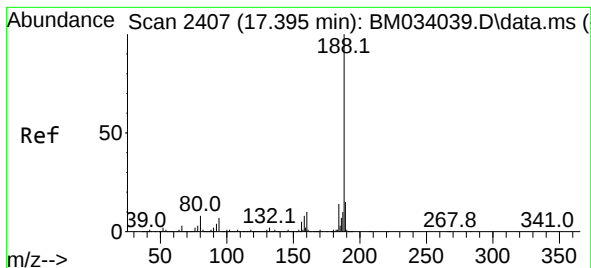
Tgt Ion:330 Resp: 674997
Ion Ratio Lower Upper
330 100
332 96.3 76.5 114.7
141 35.1 35.9 53.9#



#45
2-Fluorobiphenyl
Concen: 106.889 ng
RT: 13.272 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BM034086.D
Acq: 25 Feb 2022 20:14

Tgt Ion:172 Resp: 2498918
Ion Ratio Lower Upper
172 100
171 35.6 27.2 40.8
170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.377 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BM034086.D

Acq: 25 Feb 2022 20:14

Instrument :

BNA_M

ClientSampleId :

TP-2

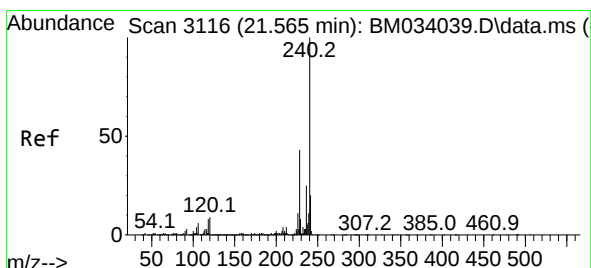
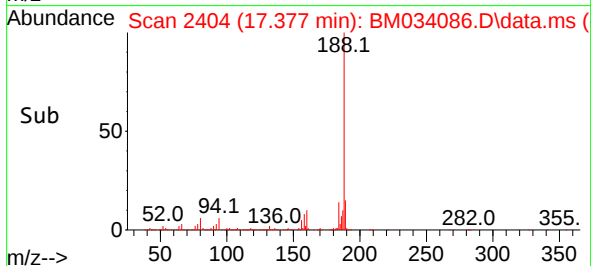
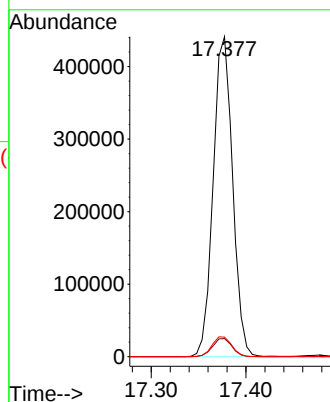
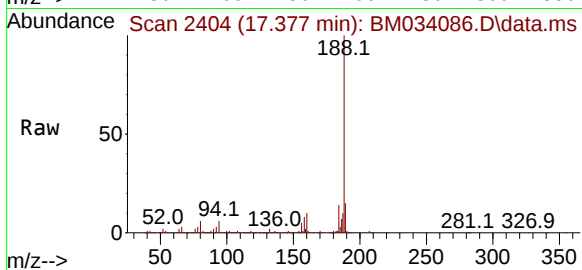
Tgt Ion:188 Resp: 627937

Ion Ratio Lower Upper

188 100

94 5.6 7.5 11.3#

80 6.1 8.9 13.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.548 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM034086.D

Acq: 25 Feb 2022 20:14

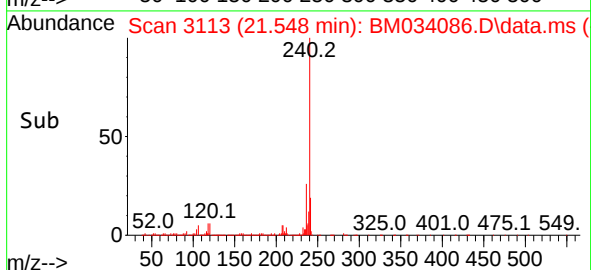
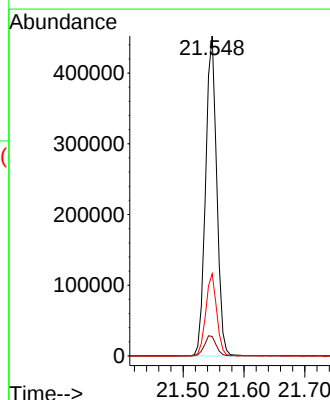
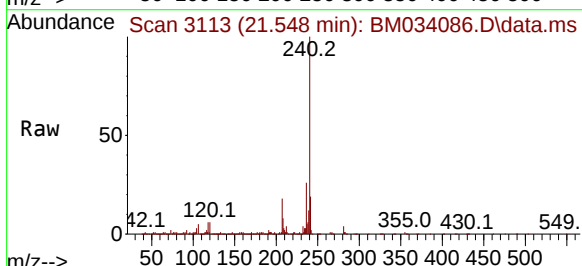
Tgt Ion:240 Resp: 574891

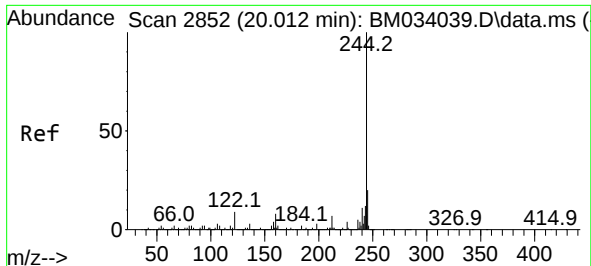
Ion Ratio Lower Upper

240 100

120 6.1 7.8 11.6#

236 25.7 20.3 30.5

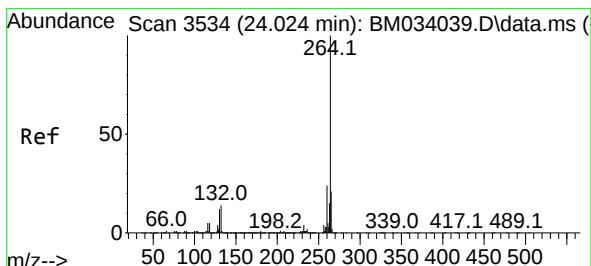
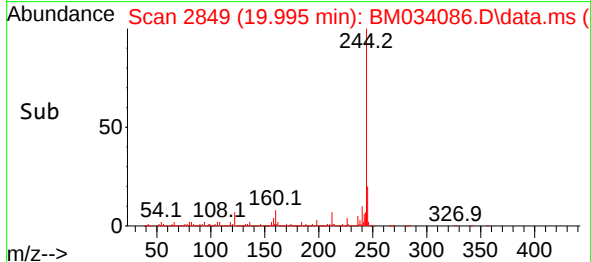
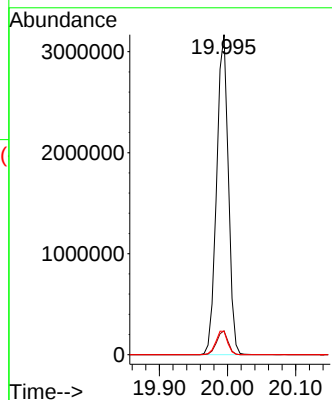
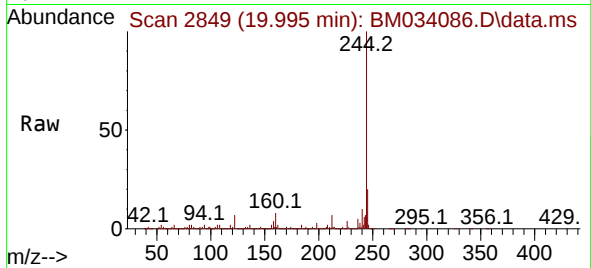




#79
 Terphenyl-d14
 Concen: 114.665 ng
 RT: 19.995 min Scan# 2849
 Delta R.T. 0.000 min
 Lab File: BM034086.D
 Acq: 25 Feb 2022 20:14

Instrument :
 BNA_M
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 3785605
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 7.3 8.4 12.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.000 min Scan# 3530
 Delta R.T. 0.000 min
 Lab File: BM034086.D
 Acq: 25 Feb 2022 20:14

Tgt Ion:264 Resp: 552360
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.7 26.5
 265 22.3 17.7 26.5

