

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
 Data File : BM036216.D
 Acq On : 11 Aug 2022 19:22
 Operator : CG/JU
 Sample : N3971-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-26R

Quant Time: Aug 12 02:18:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 22:19:26 2022
 Response via : Initial Calibration

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

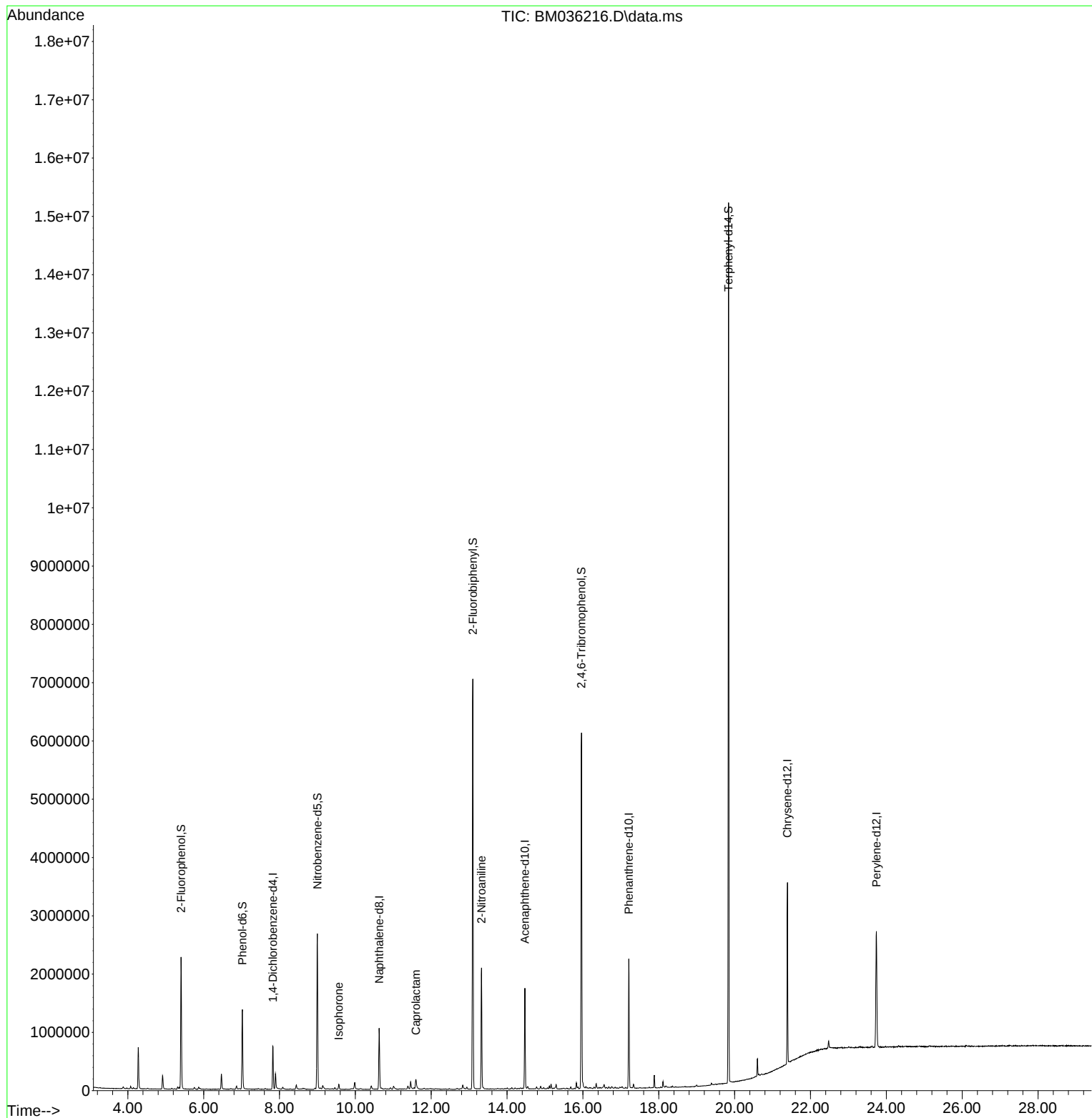
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	203861	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	867454	20.000	ng	-0.01
39) Acenaphthene-d10	14.469	164	557877	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1247571	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1355994	20.000	ng	0.00
86) Perylene-d12	23.738	264	1444334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1000674	79.581	ng	-0.01
7) Phenol-d6	7.022	99	812418	50.777	ng	-0.01
23) Nitrobenzene-d5	8.998	82	1510497	97.473	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1112093	169.924	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	3536156	93.588	ng	0.00
79) Terphenyl-d14	19.839	244	6783939	98.680	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.563	82	56778	2.252	ng	98
35) Caprolactam	11.598	113	37233	10.098	ng	93
48) 2-Nitroaniline	13.327	65	54376	6.412	ng	# 15

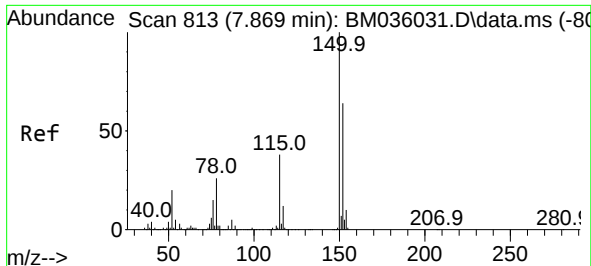
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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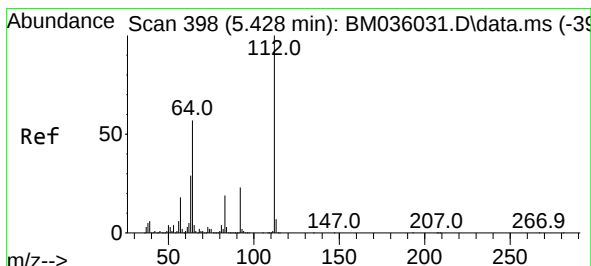
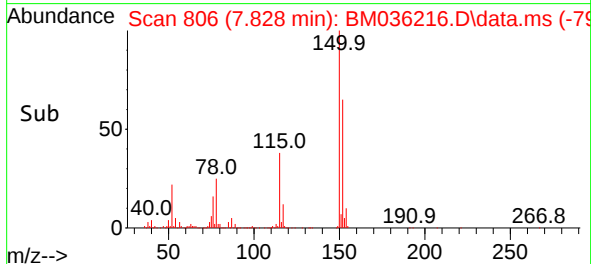
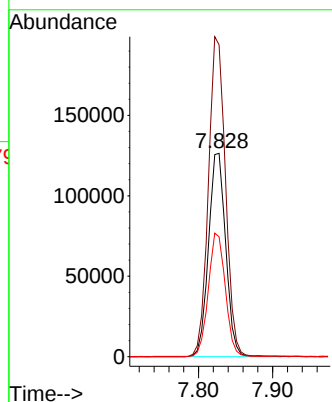
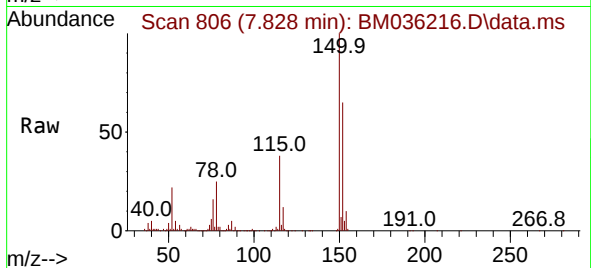




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM036216.D
Acq: 11 Aug 2022 19:22

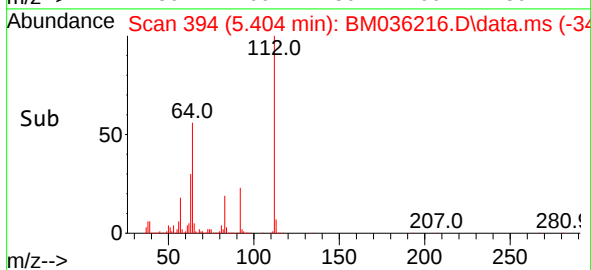
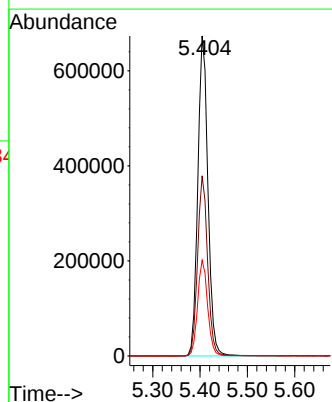
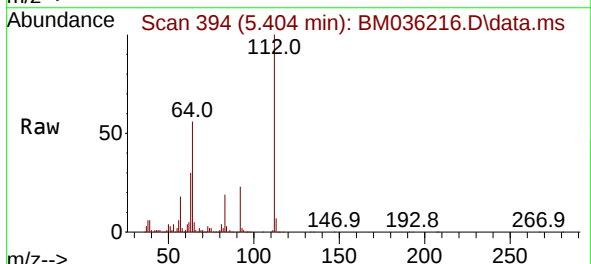
Instrument :
BNA_M
ClientSampleId :
MW-26R

Tgt Ion:152 Resp: 203861
Ion Ratio Lower Upper
152 100
150 153.3 124.9 187.3
115 59.0 47.9 71.9



#5
2-Fluorophenol
Concen: 79.581 ng
RT: 5.404 min Scan# 394
Delta R.T. -0.012 min
Lab File: BM036216.D
Acq: 11 Aug 2022 19:22

Tgt Ion:112 Resp: 1000674
Ion Ratio Lower Upper
112 100
64 56.3 47.8 71.6
63 29.9 26.6 40.0

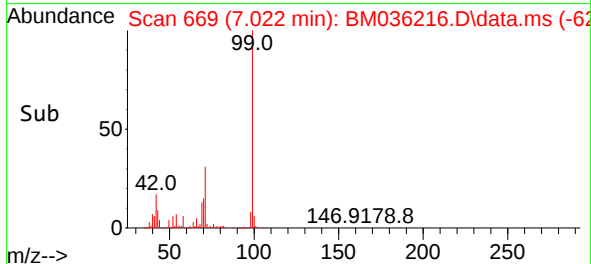
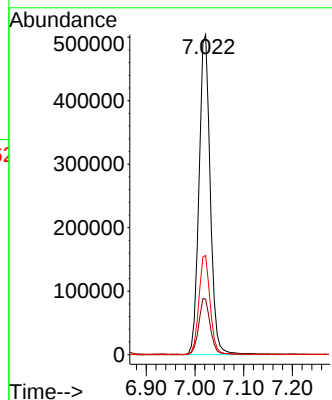
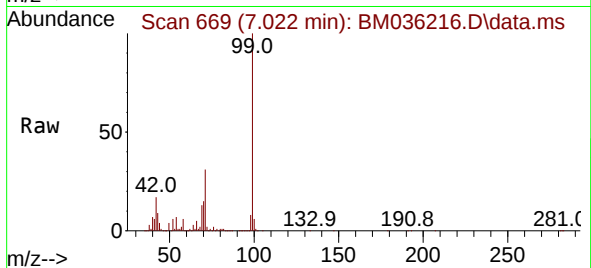




#7
Phenol-d6
Concen: 50.777 ng
RT: 7.022 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM036216.D
Acq: 11 Aug 2022 19:22

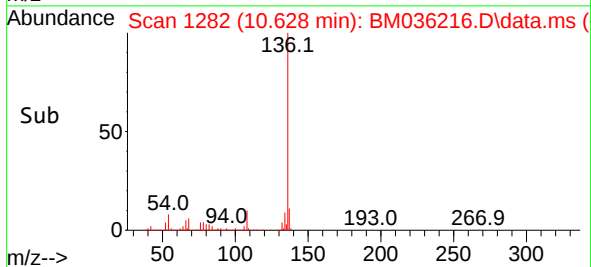
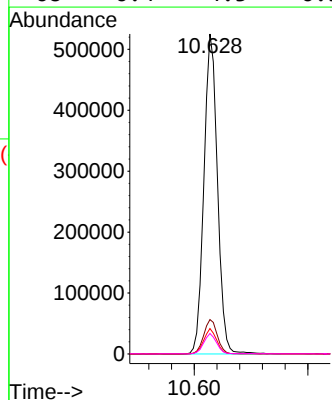
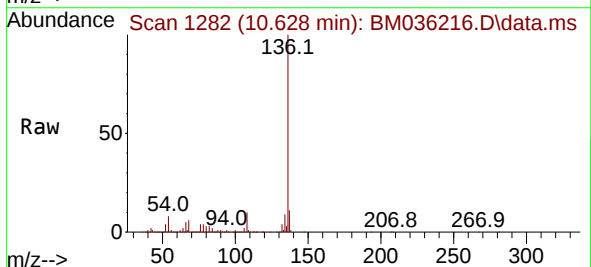
Instrument :
BNA_M
ClientSampleId :
MW-26R

Tgt Ion: 99 Resp: 812418
Ion Ratio Lower Upper
99 100
42 17.3 18.8 28.2#
71 31.0 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BM036216.D
Acq: 11 Aug 2022 19:22

Tgt Ion: 136 Resp: 867454
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.9 7.0 10.4
68 6.4 4.3 6.5

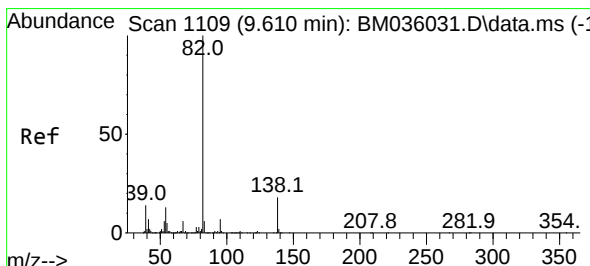
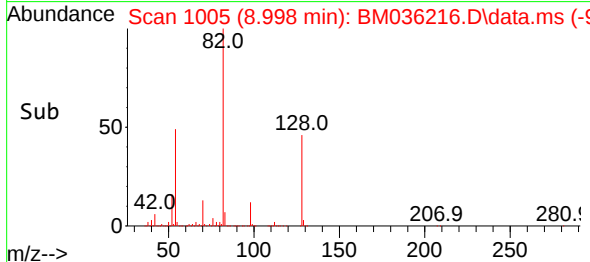
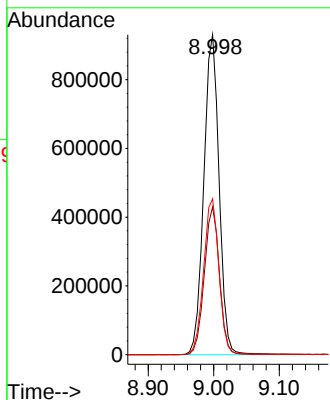
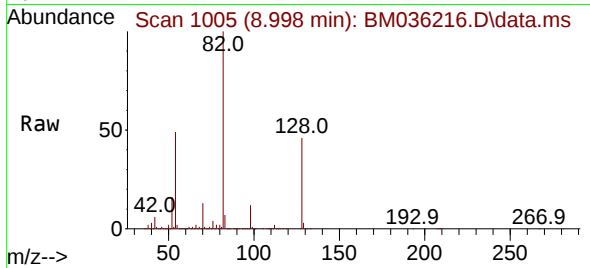




#23
Nitrobenzene-d5
Concen: 97.473 ng
RT: 8.998 min Scan# 1101
Delta R.T. -0.006 min
Lab File: BM036216.D
Acq: 11 Aug 2022 19:22

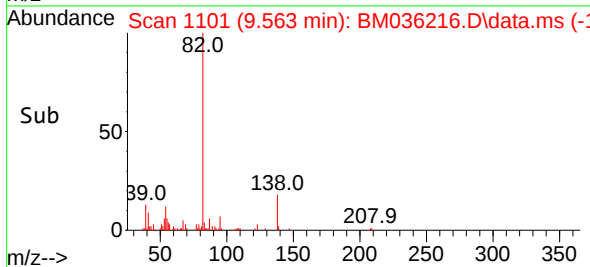
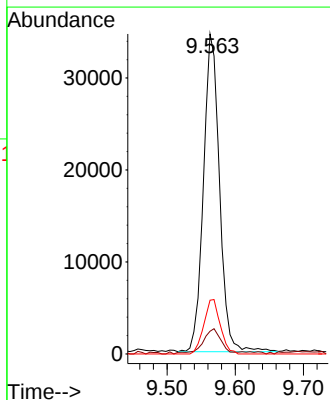
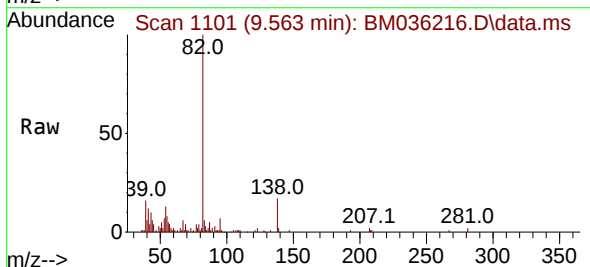
Instrument :
BNA_M
ClientSampleId :
MW-26R

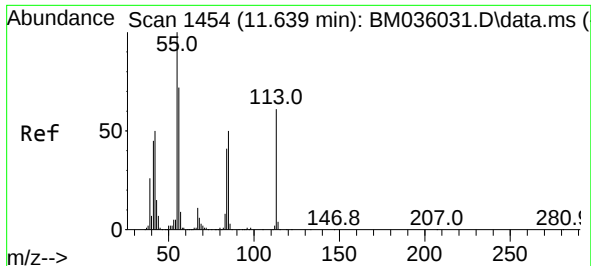
Tgt Ion: 82 Resp: 1510497
Ion Ratio Lower Upper
82 100
128 46.2 33.7 50.5
54 48.7 43.2 64.8



#25
Isophorone
Concen: 2.252 ng
RT: 9.563 min Scan# 1101
Delta R.T. -0.012 min
Lab File: BM036216.D
Acq: 11 Aug 2022 19:22

Tgt Ion: 82 Resp: 56778
Ion Ratio Lower Upper
82 100
95 7.1 6.4 9.6
138 16.8 14.2 21.4

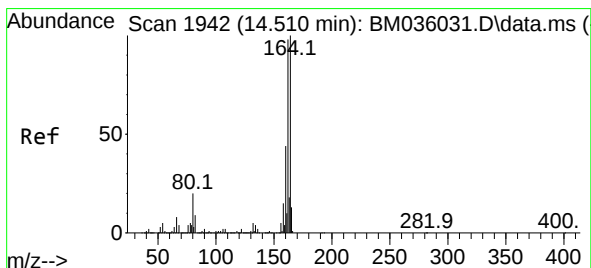
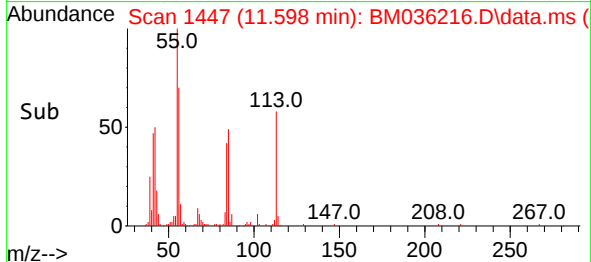
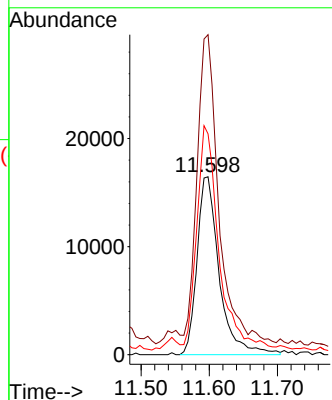
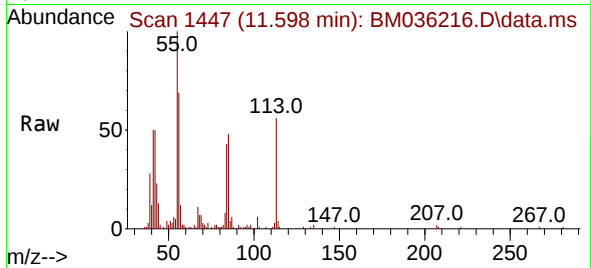




#35
Caprolactam
Concen: 10.098 ng
RT: 11.598 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BM036216.D
Acq: 11 Aug 2022 19:22

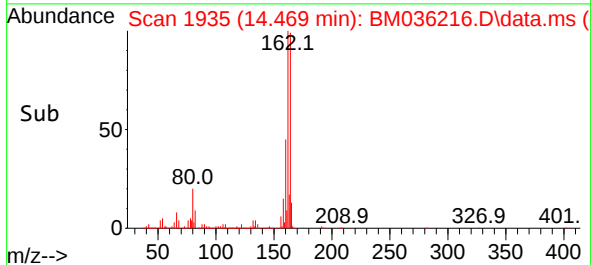
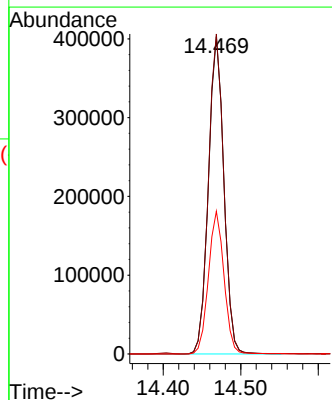
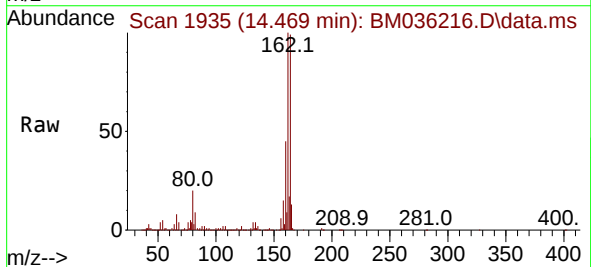
Instrument :
BNA_M
ClientSampleId :
MW-26R

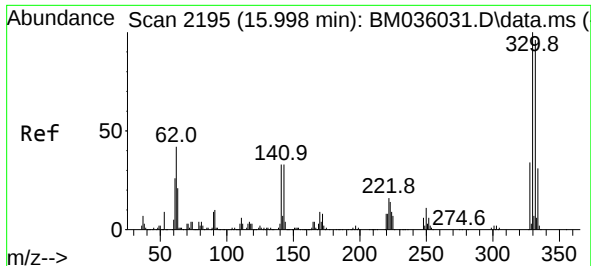
Tgt Ion:113 Resp: 37233
Ion Ratio Lower Upper
113 100
55 179.8 150.1 190.1
56 124.1 111.7 151.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM036216.D
Acq: 11 Aug 2022 19:22

Tgt Ion:164 Resp: 557877
Ion Ratio Lower Upper
164 100
162 100.8 83.0 124.6
160 45.0 37.0 55.4

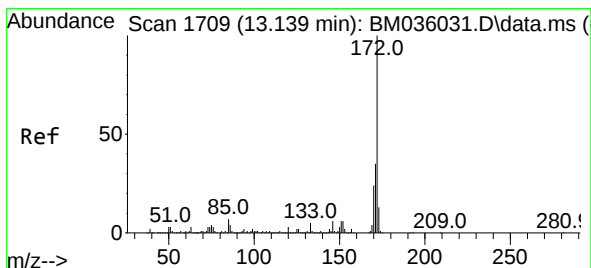
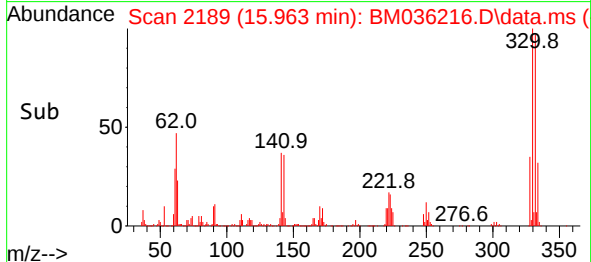
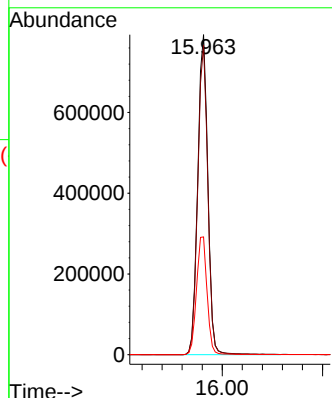
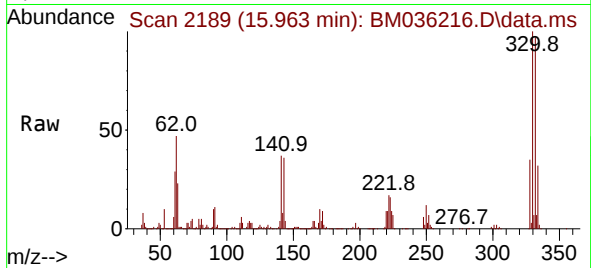




#42
2,4,6-Tribromophenol
Concen: 169.924 ng
RT: 15.963 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM036216.D
Acq: 11 Aug 2022 19:22

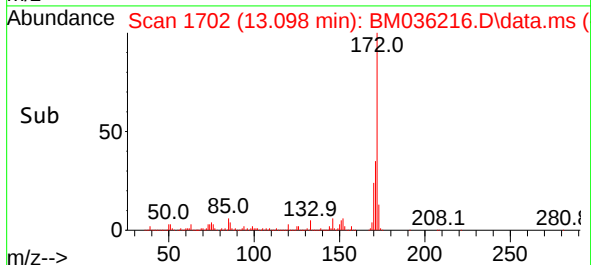
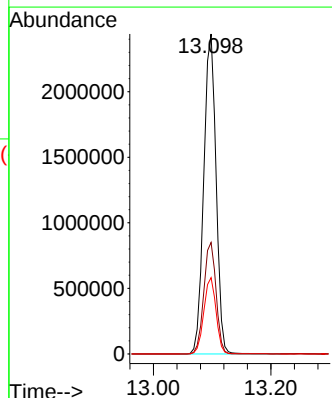
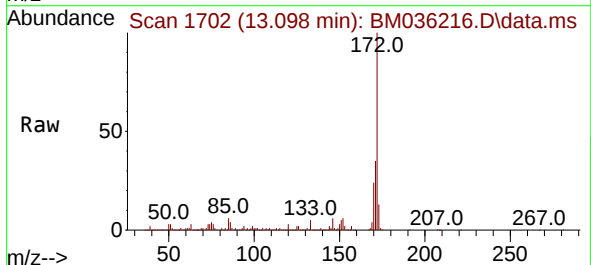
Instrument :
BNA_M
ClientSampleId :
MW-26R

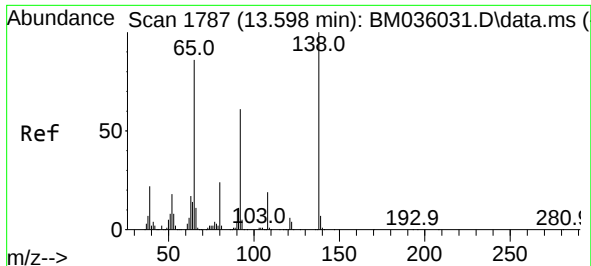
Tgt Ion:330 Resp: 1112093
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 38.2 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 93.588 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM036216.D
Acq: 11 Aug 2022 19:22

Tgt Ion:172 Resp: 3536156
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.9 18.7 28.1

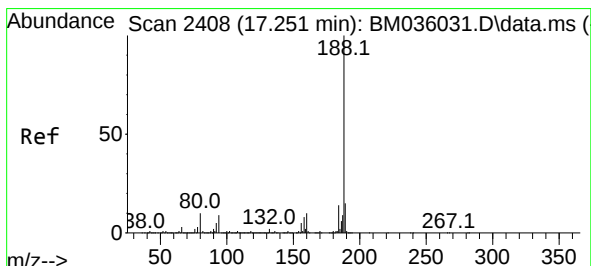
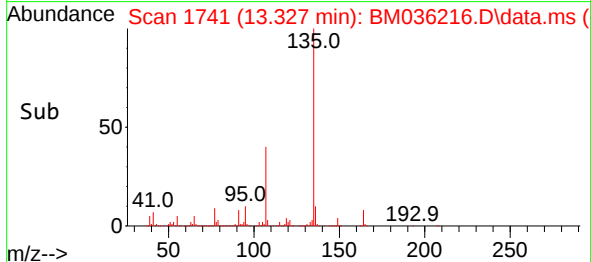
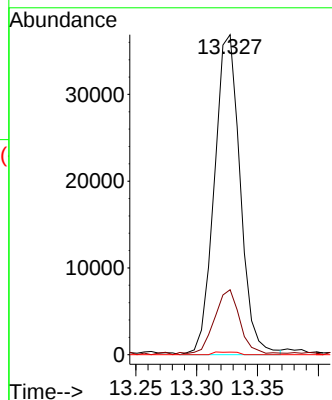
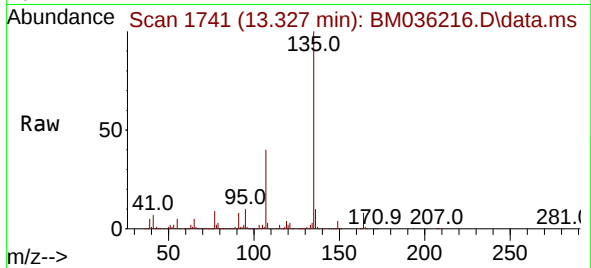




#48
2-Nitroaniline
Concen: 6.412 ng
RT: 13.327 min Scan# 1
Delta R.T. -0.247 min
Lab File: BM036216.D
Acq: 11 Aug 2022 19:22

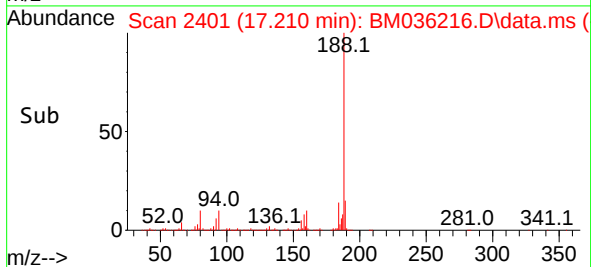
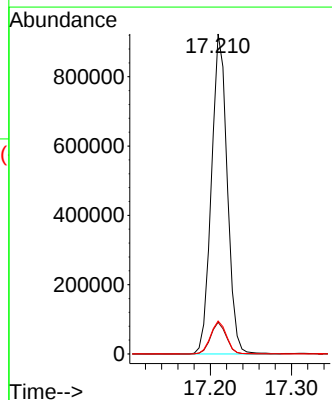
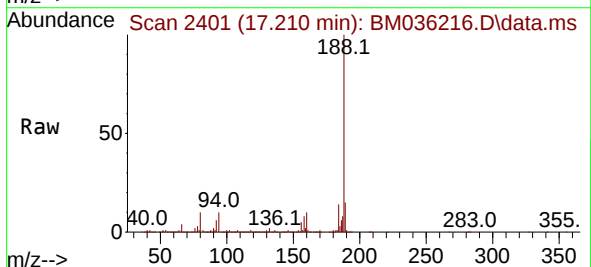
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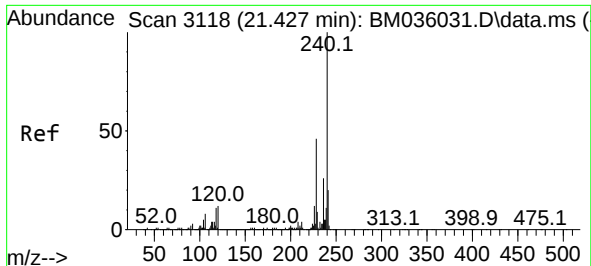
Tgt Ion: 65 Resp: 54376
Ion Ratio Lower Upper
65 100
92 20.3 53.7 80.5#
138 0.8 83.9 125.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM036216.D
Acq: 11 Aug 2022 19:22

Tgt Ion:188 Resp: 1247571
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.4
80 10.3 7.6 11.4

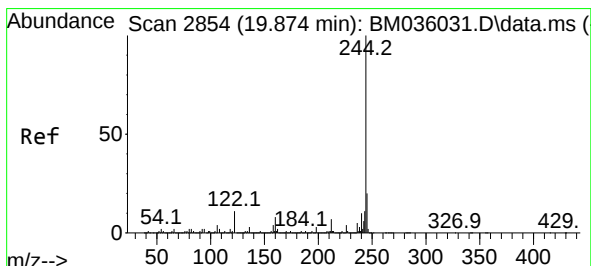
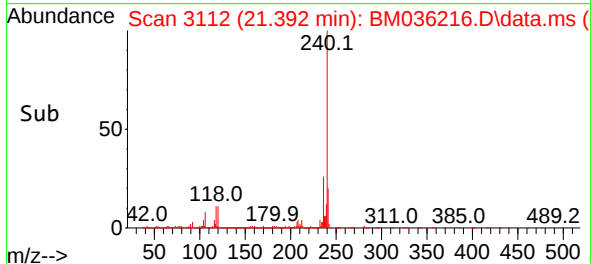
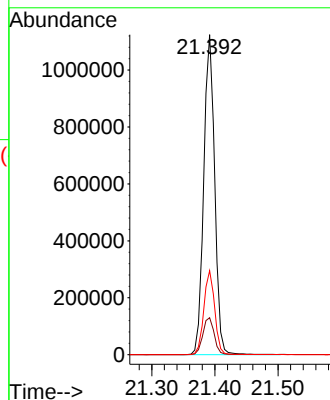
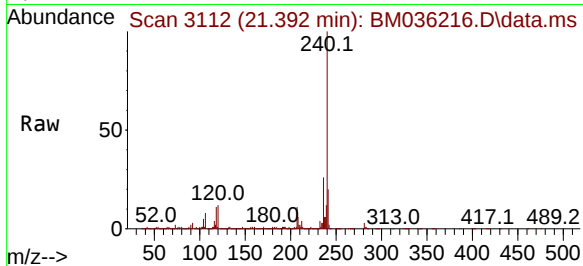




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM036216.D
Acq: 11 Aug 2022 19:22

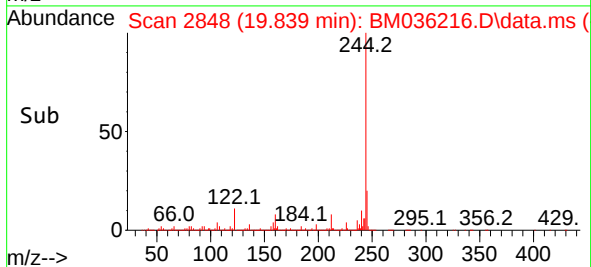
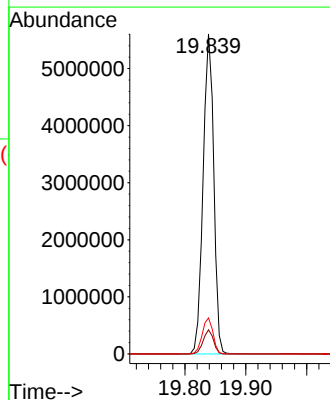
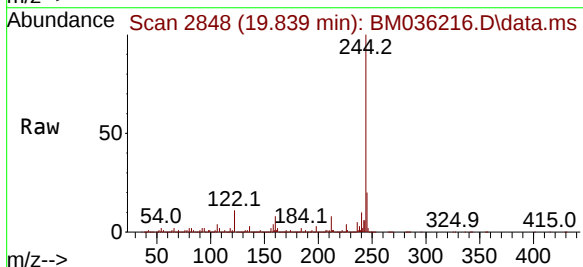
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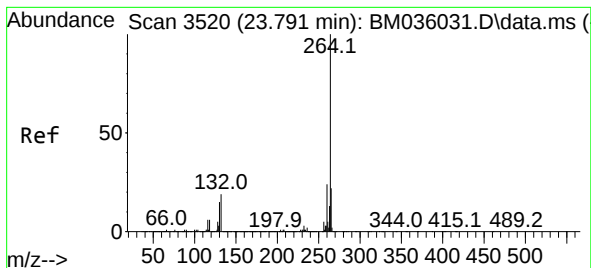
Tgt Ion:240 Resp: 1355994
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.0
236 26.3 20.6 30.8



#79
Terphenyl-d14
Concen: 98.680 ng
RT: 19.839 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BM036216.D
Acq: 11 Aug 2022 19:22

Tgt Ion:244 Resp: 6783939
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 11.2 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.738 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM036216.D

Acq: 11 Aug 2022 19:22

Instrument :

BNA_M

ClientSampleId :

MW-26R

Tgt Ion:264 Resp: 1444334

Ion Ratio Lower Upper

264 100

260 22.9 18.9 28.3

265 22.2 17.5 26.3

