

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030821\
 Data File : BM029036.D
 Acq On : 09 Mar 2021 01:35
 Operator : CG/JU
 Sample : M1579-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-02-030521

Quant Time: Mar 09 02:06:21 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 05 13:17:12 2021
 Response via : Initial Calibration

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

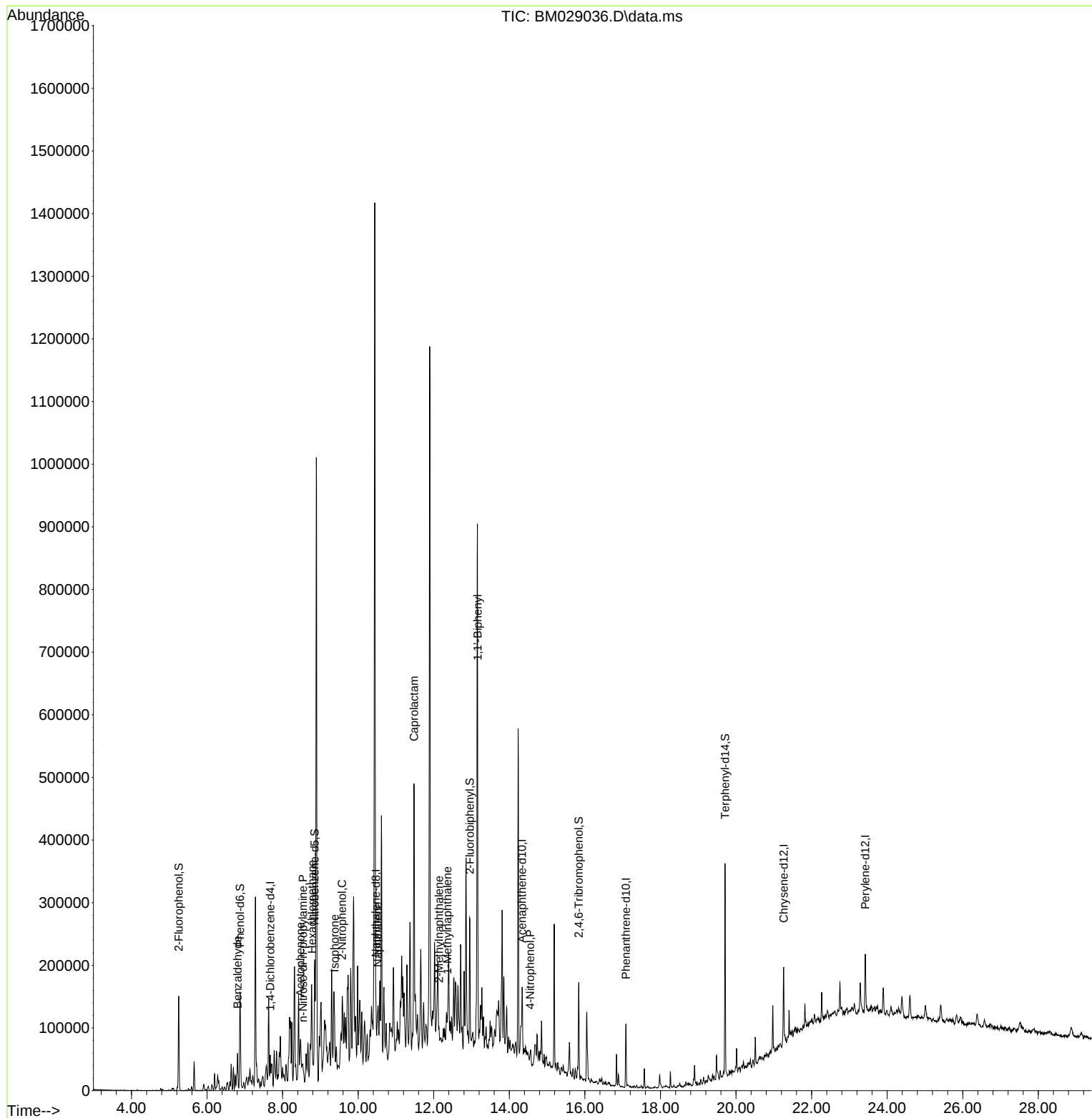
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	12984	20.00	ng	0.00
21) Naphthalene-d8	10.469	136	53460	20.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	28864	20.00	ng	-0.01
64) Phenanthrene-d10	17.086	188	54435	20.00	ng	-0.01
76) Chrysene-d12	21.262	240	53203	20.00	ng	#-0.01
86) Perylene-d12	23.421	264	55466	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.252	112	57780	73.76	ng	0.00
7) Phenol-d6	6.875	99	68174	65.89	ng	0.00
23) Nitrobenzene-d5	8.845	82	47530	47.97	ng	-0.01
42) 2,4,6-Tribromophenol	15.839	330	22136	64.71	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	99682	45.98	ng	0.00
79) Terphenyl-d14	19.709	244	130582	45.32	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.810	77	1224	2.17	ng	# 1
18) Hexachloroethane	8.775	117	8061	21.56	ng	# 1
19) n-Nitroso-di-n-propyla...	8.540	70	3098	5.09	ng	# 80
22) Acetophenone	8.469	105	26816	20.57	ng	# 65
25) Isophorone	9.375	82	7287	4.18	ng	# 1
26) 2-Nitrophenol	9.575	139	1120	2.20	ng	# 1
31) Naphthalene	10.516	128	7825	2.65	ng	# 61
35) Caprolactam	11.481	113	13580	56.82	ng	# 1
37) 2-Methylnaphthalene	12.139	142	17265	8.33	ng	96
38) 1-Methylnaphthalene	12.363	142	12692	6.46	ng	# 99
46) 1,1'-Biphenyl	13.163	154	6948	3.00	ng	97
56) 4-Nitrophenol	14.551	139	1155	2.83	ng	# 28

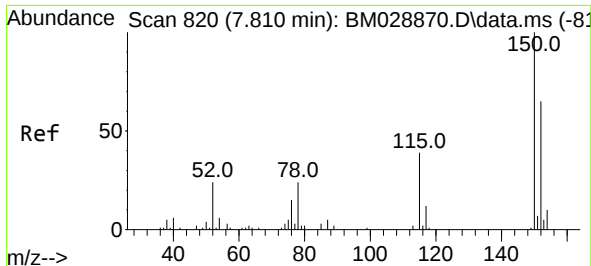
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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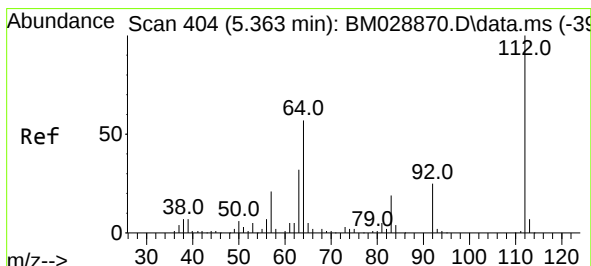
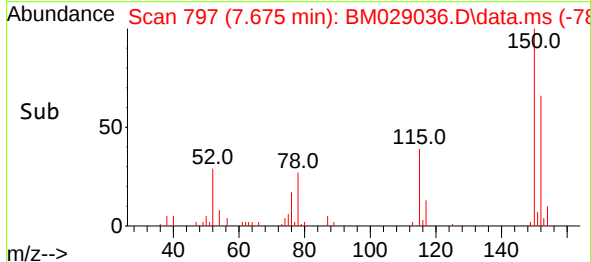
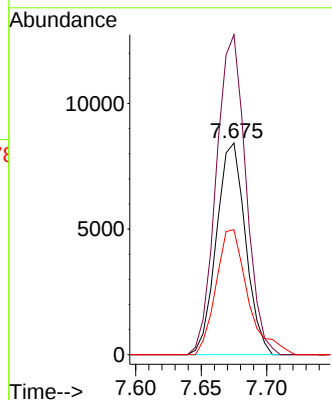
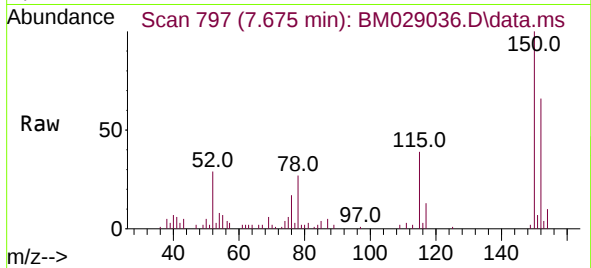




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.006 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

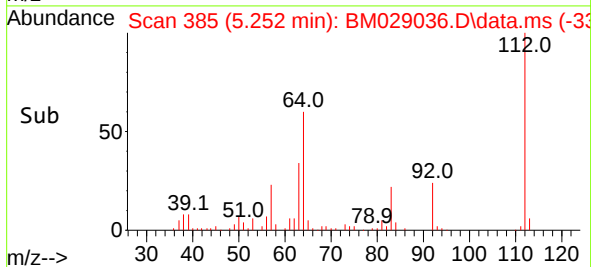
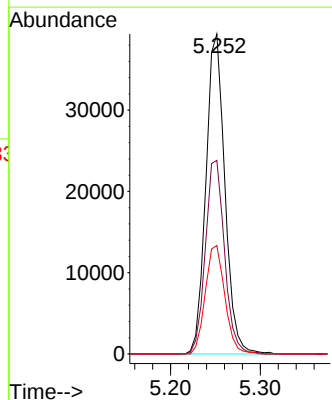
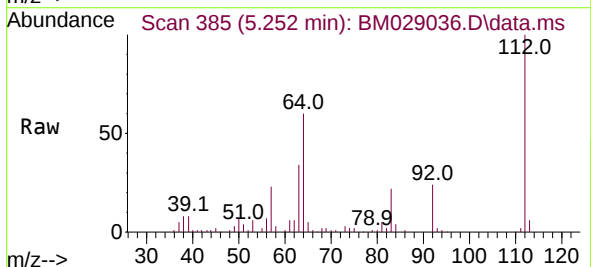
Instrument :
BNA_M
ClientSampleId :
HR-02-030521

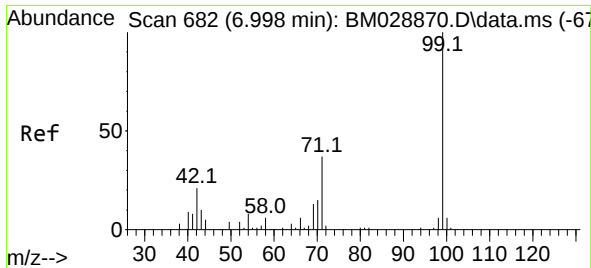
Tgt Ion:152 Resp: 12984
Ion Ratio Lower Upper
152 100
150 151.1 120.6 181.0
115 59.0 47.2 70.8



#5
2-Fluorophenol
Concen: 73.76 ng
RT: 5.252 min Scan# 385
Delta R.T. 0.006 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

Tgt Ion:112 Resp: 57780
Ion Ratio Lower Upper
112 100
64 60.5 50.6 76.0
63 33.9 31.0 46.6

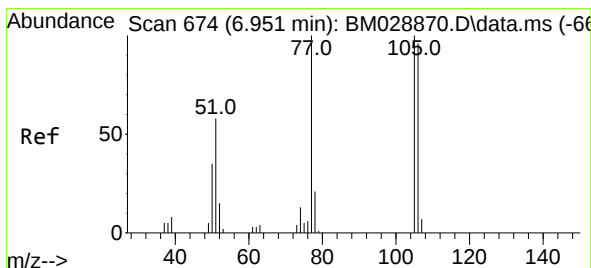
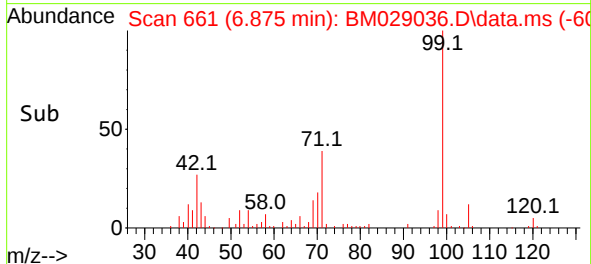
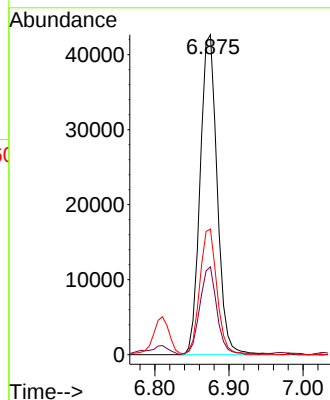
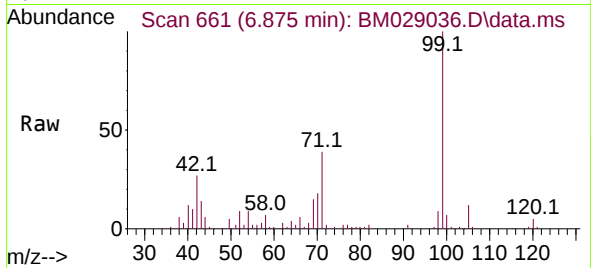




#7
Phenol-d6
Concen: 65.89 ng
RT: 6.875 min Scan# 661
Delta R.T. 0.006 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

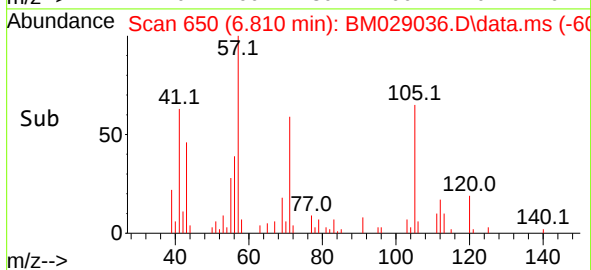
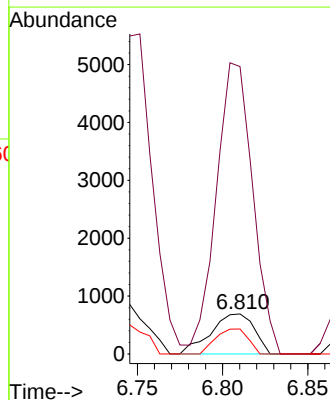
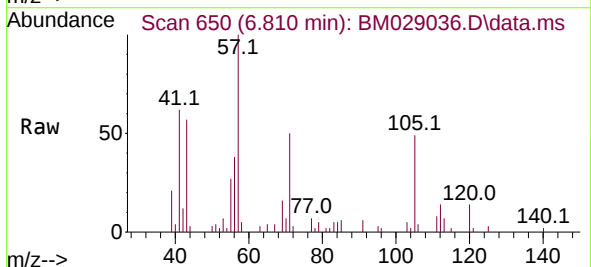
Instrument :
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ClientSampleId :
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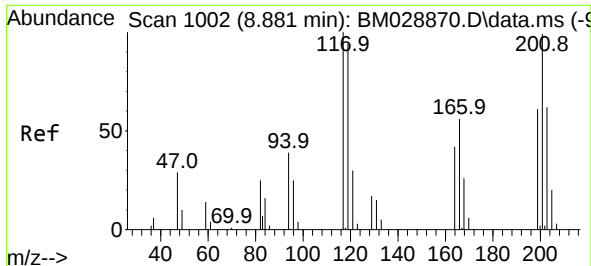
Tgt Ion:	99	Resp:	68174
Ion	Ratio	Lower	Upper
99	100		
42	27.4	13.5	20.3#
71	39.2	39.4	59.0#



#9
Benzaldehyde
Concen: 2.17 ng
RT: 6.810 min Scan# 650
Delta R.T. -0.023 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

Tgt Ion:	77	Resp:	1224
Ion	Ratio	Lower	Upper
77	100		
105	717.6	64.7	104.7#
106	62.4	57.5	97.5

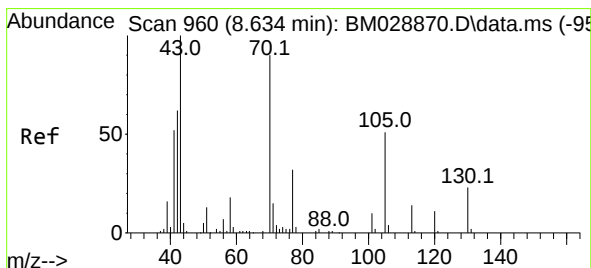
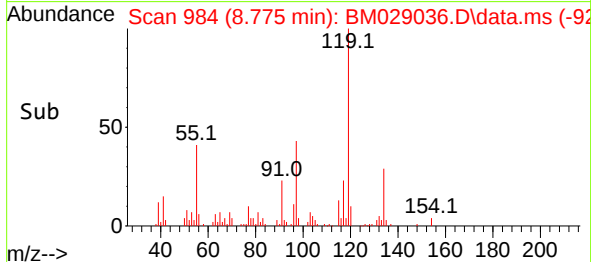
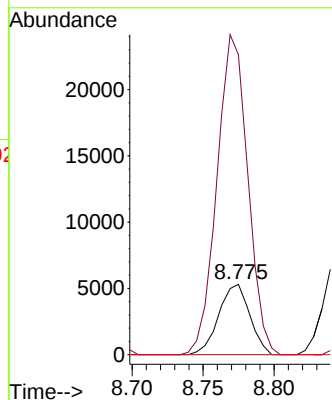
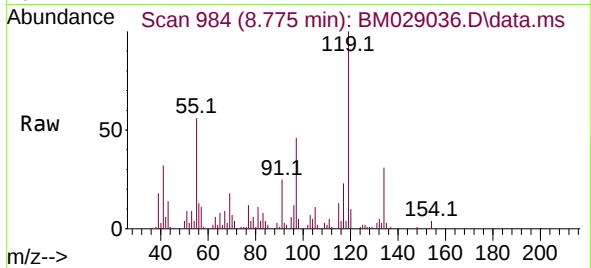




#18
Hexachloroethane
Concen: 21.56 ng
RT: 8.775 min Scan# 984
Delta R.T. 0.029 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

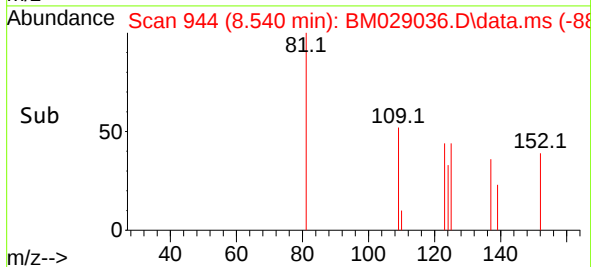
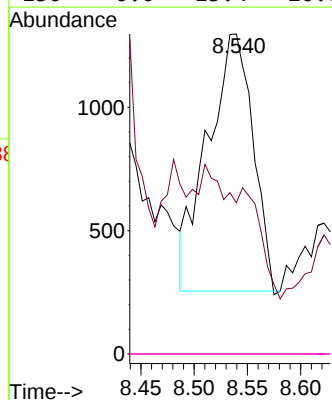
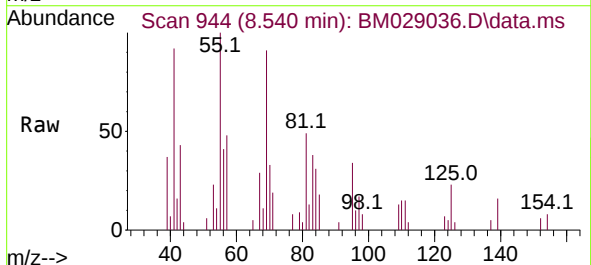
Instrument :
BNA_M
ClientSampleId :
HR-02-030521

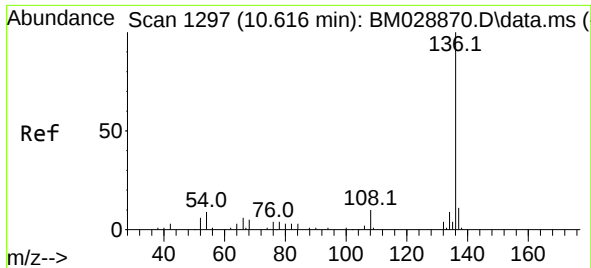
Tgt Ion:117 Resp: 8061
Ion Ratio Lower Upper
117 100
119 426.3 73.1 109.7#
201 0.0 88.7 133.1#



#19
n-Nitroso-di-n-propylamine
Concen: 5.09 ng
RT: 8.540 min Scan# 944
Delta R.T. 0.035 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

Tgt Ion: 70 Resp: 3098
Ion Ratio Lower Upper
70 100
42 47.2 31.9 47.9
101 0.0 7.0 10.4#
130 0.0 13.4 20.0#

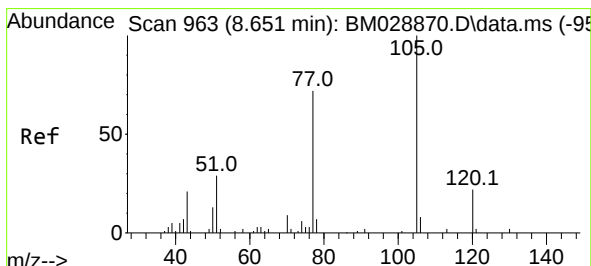
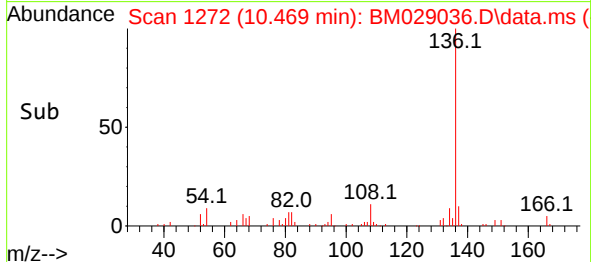
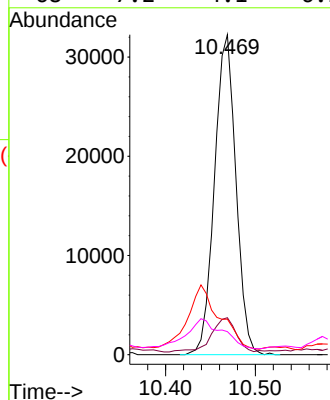
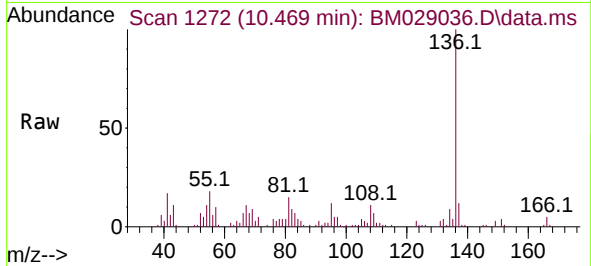




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

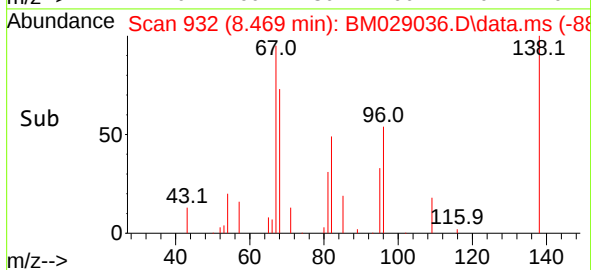
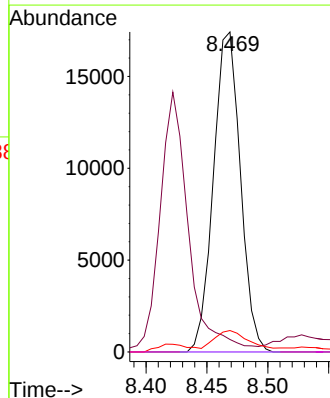
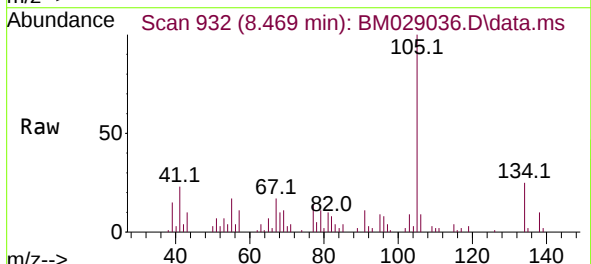
Instrument :
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ClientSampleId :
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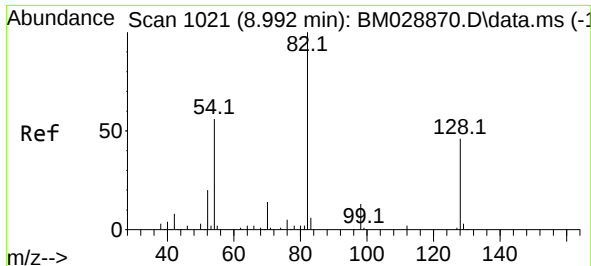
Tgt Ion:136	Resp:	53460
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.6 12.8
54	11.1	4.6 7.0#
68	7.2	4.1 6.1#



#22
Acetophenone
Concen: 20.57 ng
RT: 8.469 min Scan# 932
Delta R.T. -0.047 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

Tgt Ion:105	Resp:	26816
Ion Ratio	Lower	Upper
105	100	
71	3.9	7.6 11.4#
51	6.7	18.6 28.0#
120	0.0	17.3 25.9#

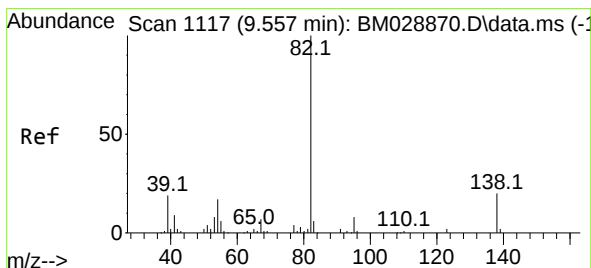
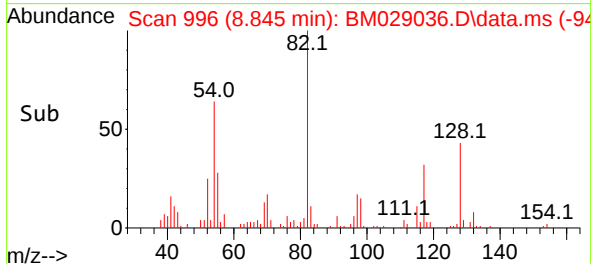
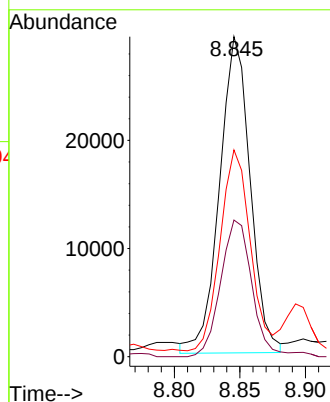
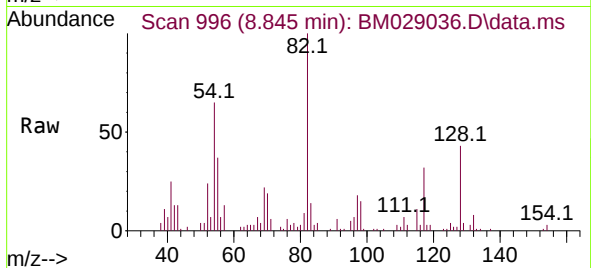




#23
Nitrobenzene-d5
Concen: 47.97 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.012 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

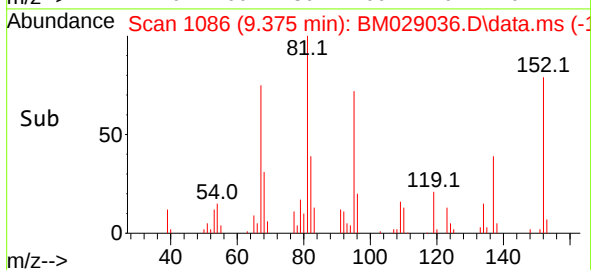
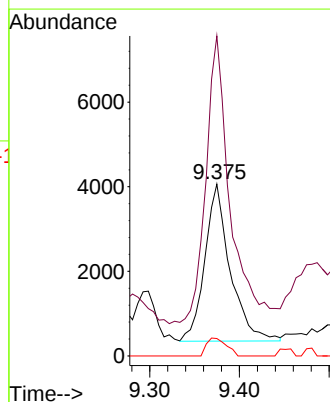
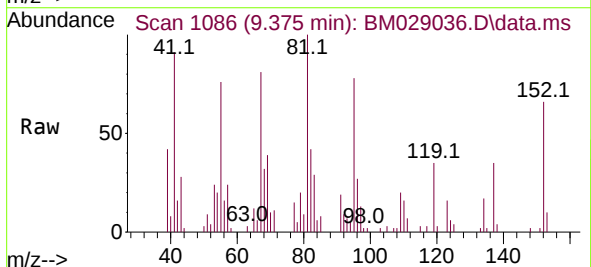
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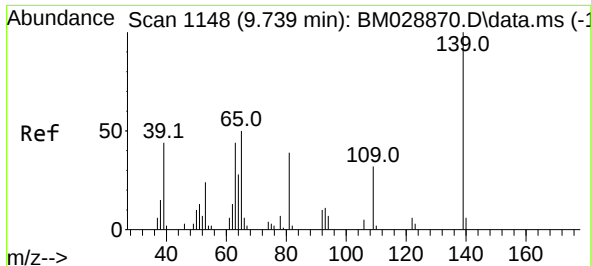
Tgt Ion: 82 Resp: 47530
Ion Ratio Lower Upper
82 100
128 42.7 27.4 41.0#
54 64.6 31.4 47.0#



#25
Isophorone
Concen: 4.18 ng
RT: 9.375 min Scan# 1086
Delta R.T. -0.047 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

Tgt Ion: 82 Resp: 7287
Ion Ratio Lower Upper
82 100
95 186.3 6.8 10.2#
138 10.2 13.1 19.7#

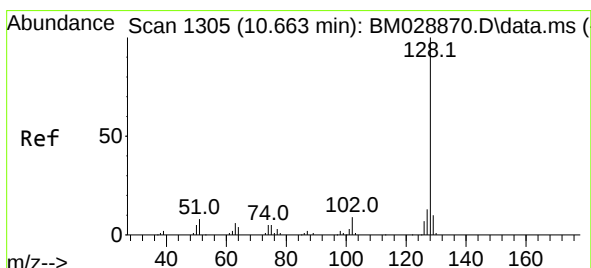
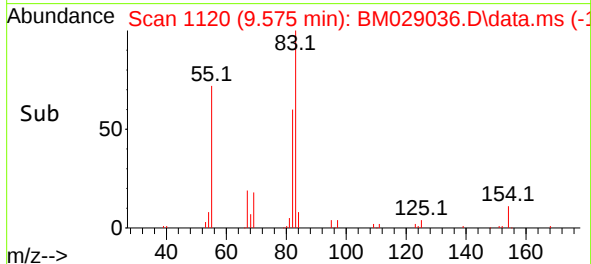
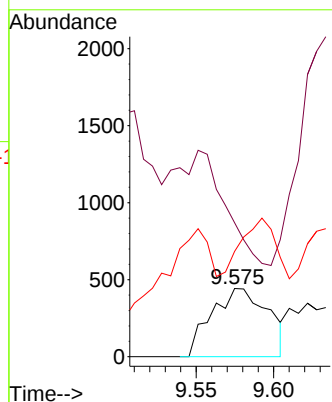
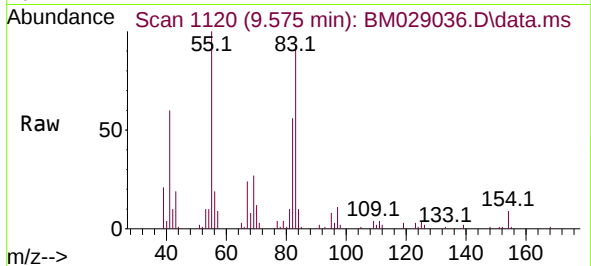




#26
2-Nitrophenol
Concen: 2.20 ng
RT: 9.575 min Scan# 1120
Delta R.T. -0.029 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

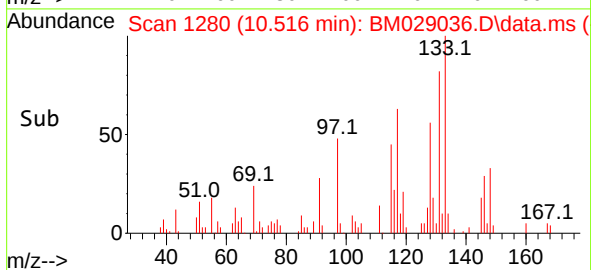
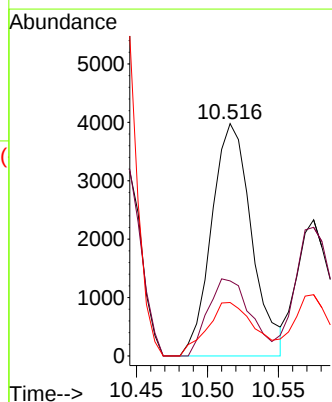
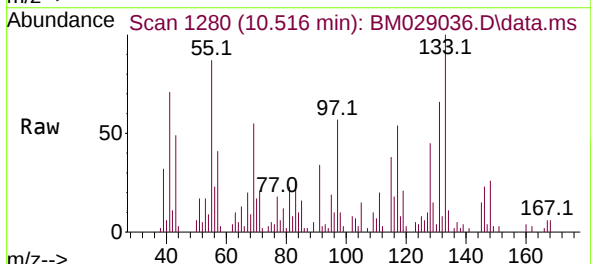
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ClientSampled :
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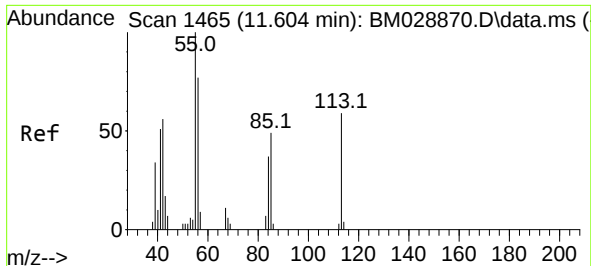
Tgt Ion:139 Resp: 1120
Ion Ratio Lower Upper
139 100
109 196.4 33.8 50.8#
65 154.4 51.0 76.6#



#31
Naphthalene
Concen: 2.65 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

Tgt Ion:128 Resp: 7825
Ion Ratio Lower Upper
128 100
129 32.3 9.0 13.4#
127 23.0 10.6 15.8#

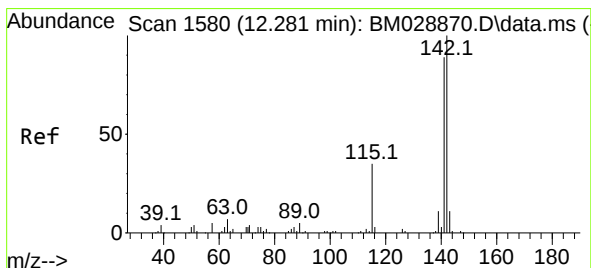
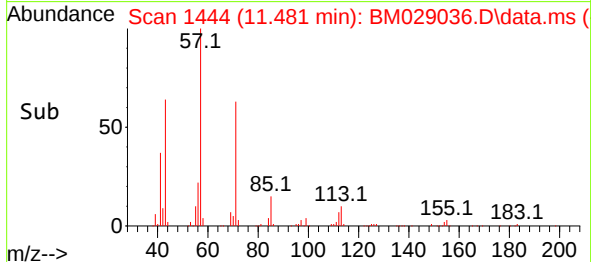
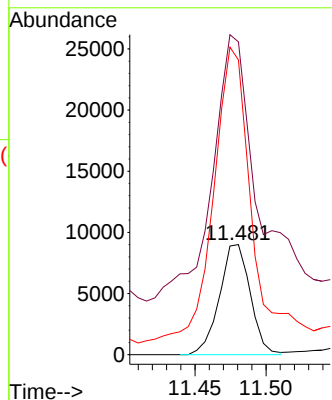
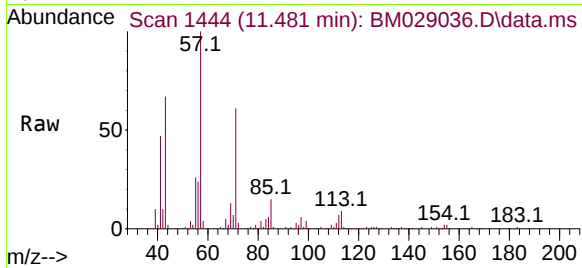




#35
Caprolactam
Concen: 56.82 ng
RT: 11.481 min Scan# 1444
Delta R.T. 0.018 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

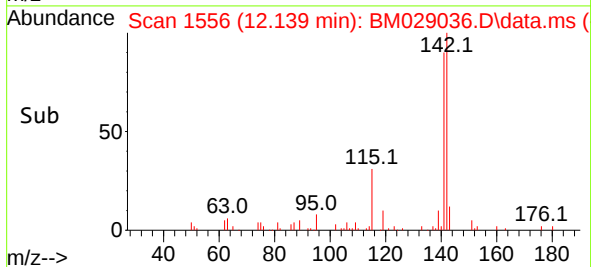
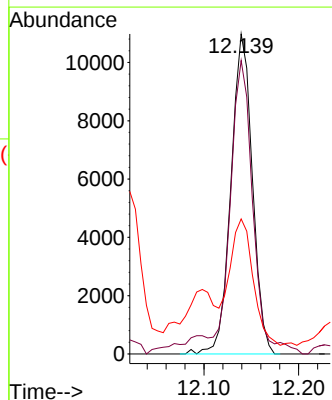
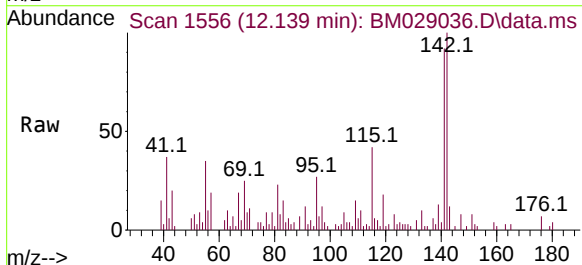
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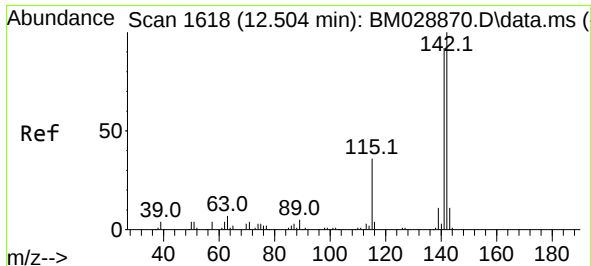
Tgt Ion:113 Resp: 13580
Ion Ratio Lower Upper
113 100
55 284.1 103.2 143.2#
56 267.6 84.2 124.2#



#37
2-Methylnaphthalene
Concen: 8.33 ng
RT: 12.139 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

Tgt Ion:142 Resp: 17265
Ion Ratio Lower Upper
142 100
141 91.7 70.3 105.5
115 42.2 32.2 48.4

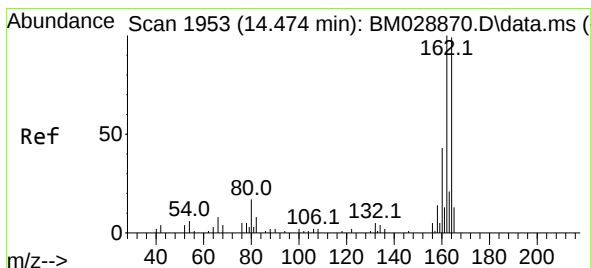
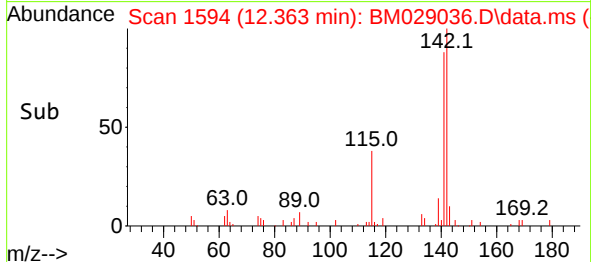
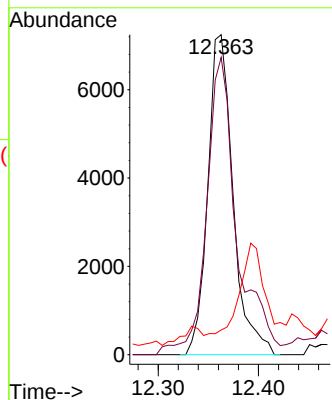
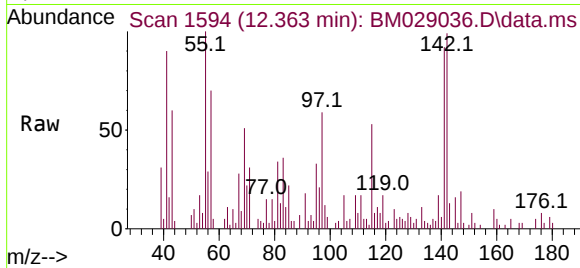




#38
1-Methylnaphthalene
Concen: 6.46 ng
RT: 12.363 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

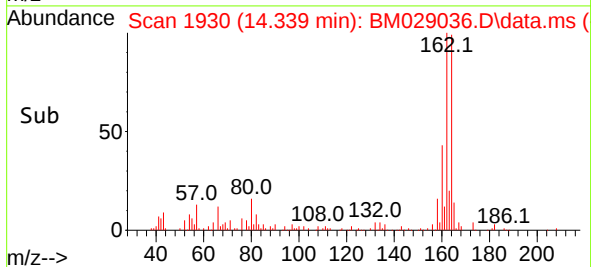
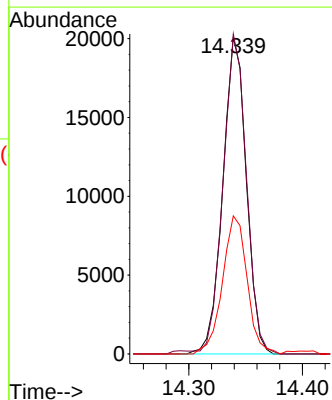
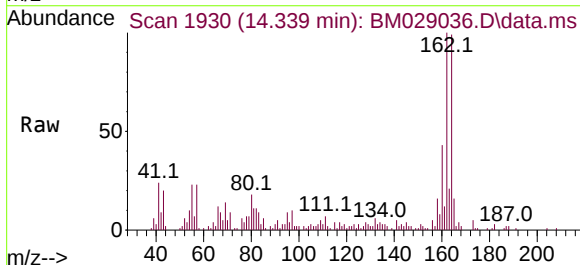
Instrument :
BNA_M
ClientSampleId :
HR-02-030521

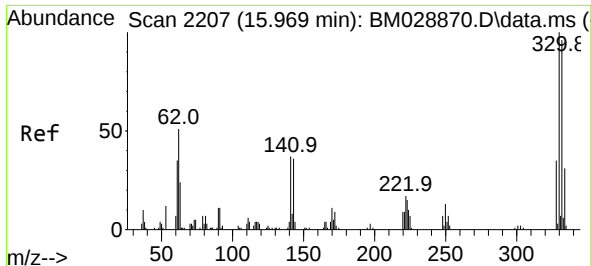
Tgt Ion:142 Resp: 12692
Ion Ratio Lower Upper
142 100
141 92.9 73.8 110.6
116 7.7 3.5 5.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

Tgt Ion:164 Resp: 28864
Ion Ratio Lower Upper
164 100
162 101.0 80.4 120.6
160 43.6 35.9 53.9

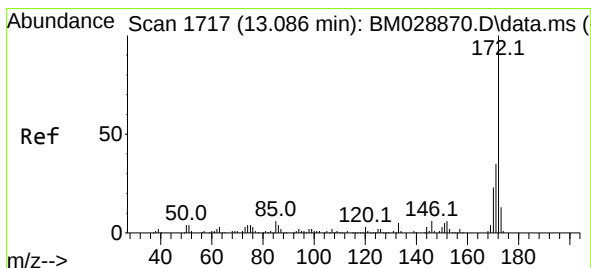
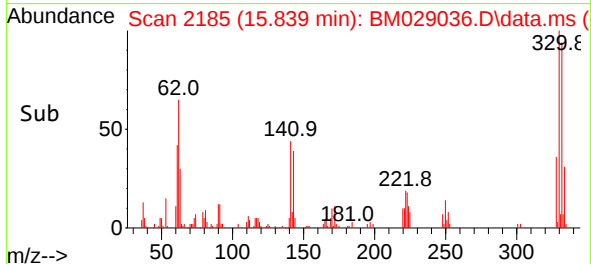
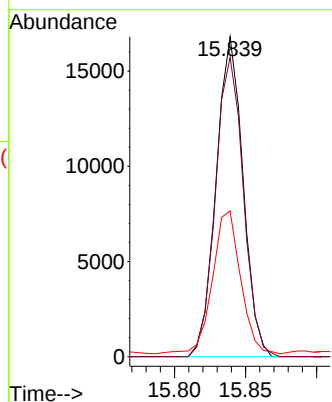
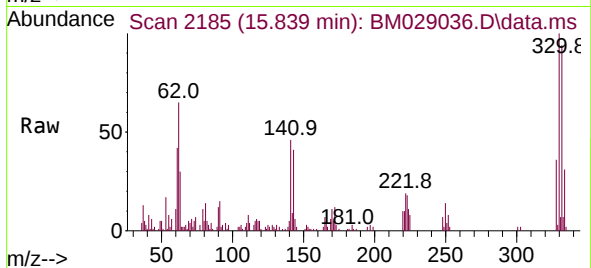




#42
2,4,6-Tribromophenol
Concen: 64.71 ng
RT: 15.839 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

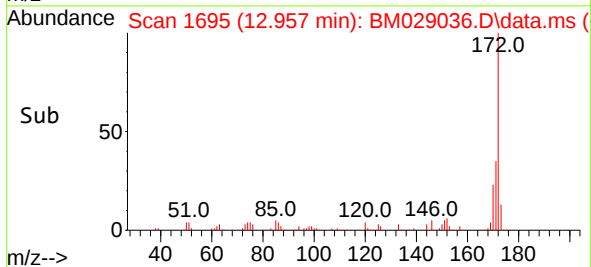
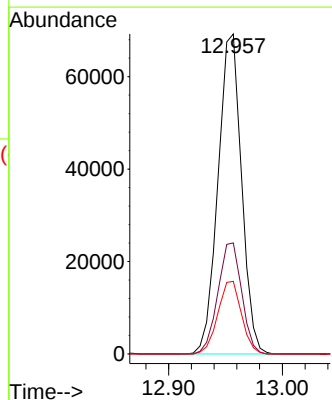
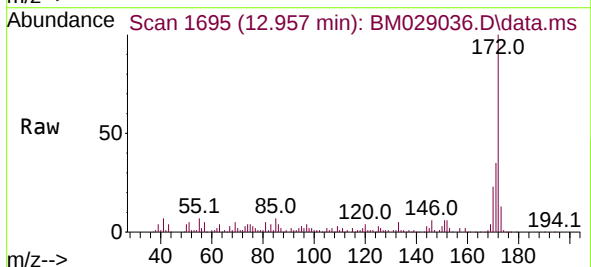
Instrument :
BNA_M
ClientSampleId :
HR-02-030521

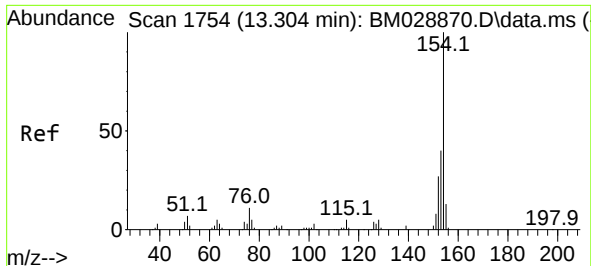
Tgt Ion:330 Resp: 22136
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 46.6 28.4 42.6#



#45
2-Fluorobiphenyl
Concen: 45.98 ng
RT: 12.957 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

Tgt Ion:172 Resp: 99682
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 22.7 18.6 27.8

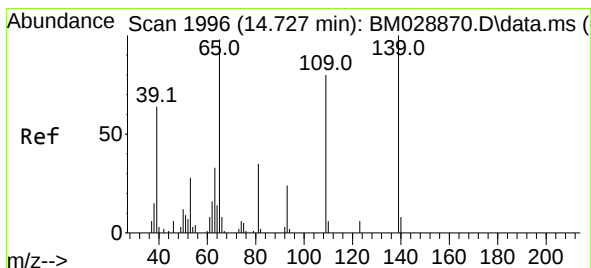
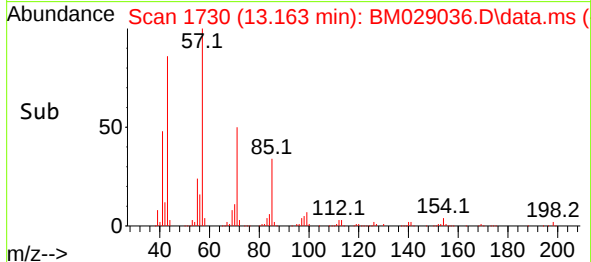
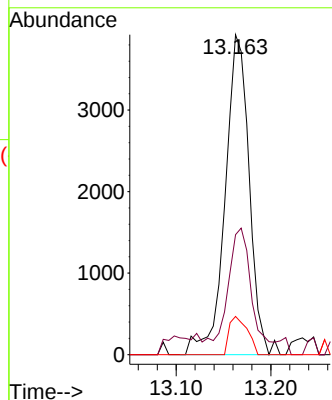
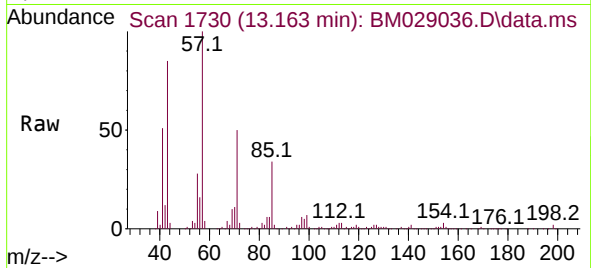




#46
1,1'-Biphenyl
Concen: 3.00 ng
RT: 13.163 min Scan# 1730
Delta R.T. -0.012 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

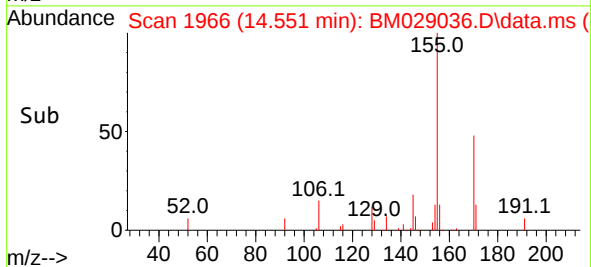
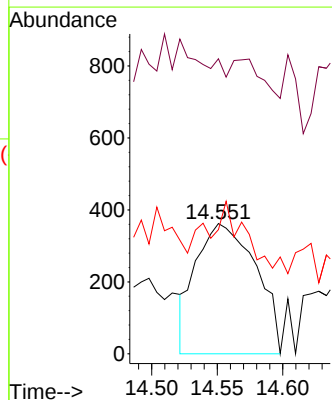
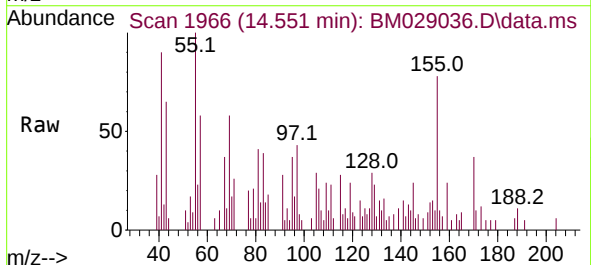
Instrument :
BNA_M
ClientSampled :
HR-02-030521

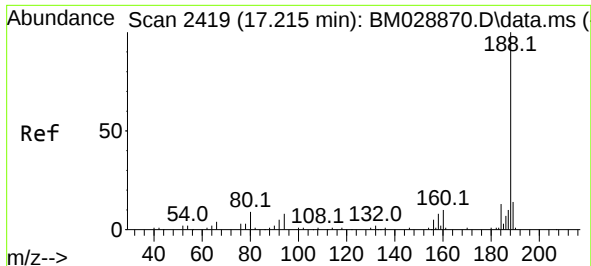
Tgt Ion:154 Resp: 6948
Ion Ratio Lower Upper
154 100
153 37.5 20.0 60.0
76 11.9 0.0 32.0



#56
4-Nitrophenol
Concen: 2.83 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.053 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

Tgt Ion:139 Resp: 1155
Ion Ratio Lower Upper
139 100
109 226.5 77.0 117.0#
65 95.3 103.4 143.4#

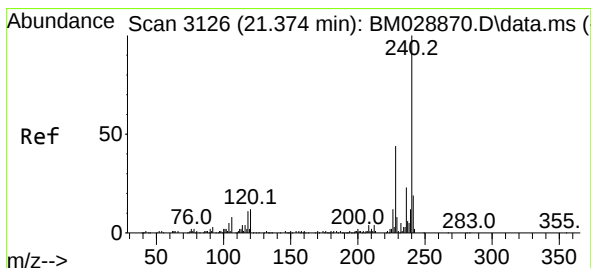
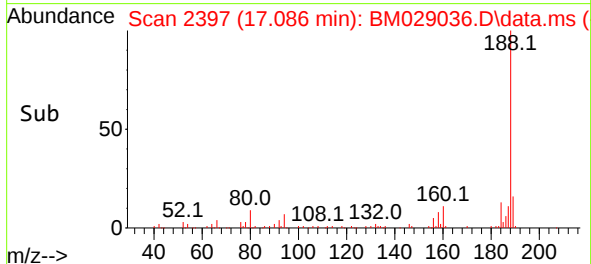
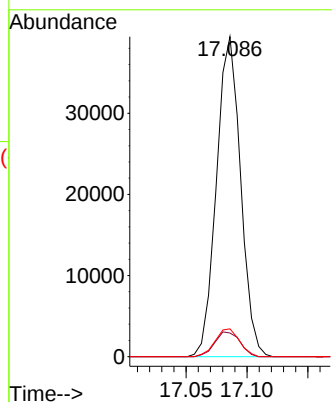
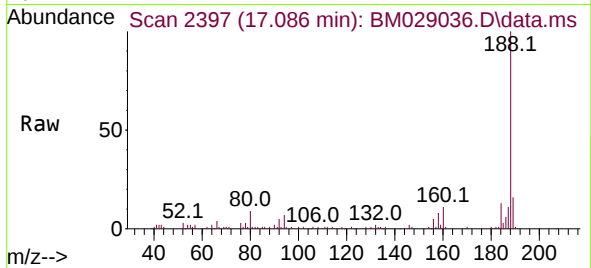




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2397
Delta R.T. -0.012 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

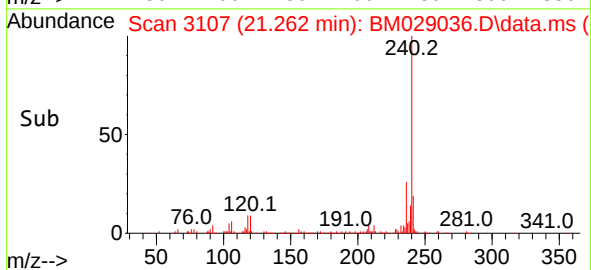
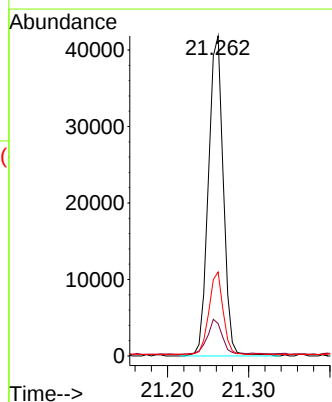
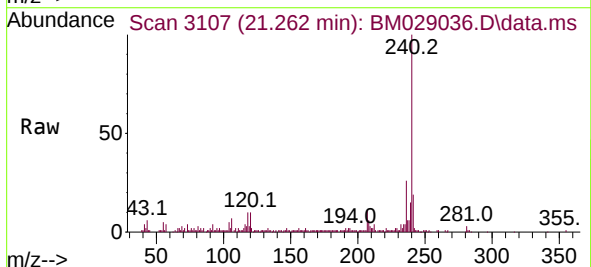
Instrument :
BNA_M
ClientSampleId :
HR-02-030521

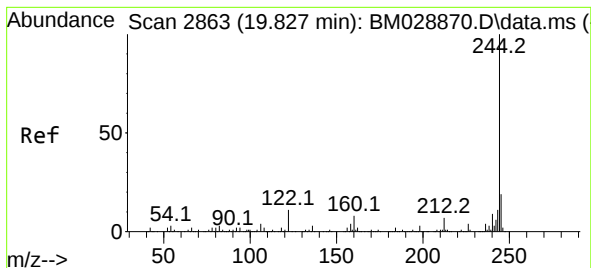
Tgt Ion:188 Resp: 54435
Ion Ratio Lower Upper
188 100
94 7.4 6.2 9.4
80 8.7 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.262 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

Tgt Ion:240 Resp: 53203
Ion Ratio Lower Upper
240 100
120 10.1 6.4 9.6#
236 26.3 20.1 30.1





#79

Terphenyl-d14

Concen: 45.32 ng

RT: 19.709 min Scan# 2843

Delta R.T. -0.012 min

Lab File: BM029036.D

Acq: 09 Mar 2021 01:35

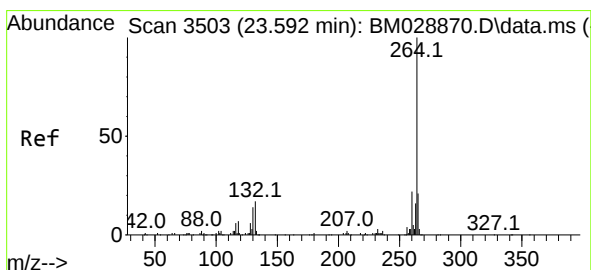
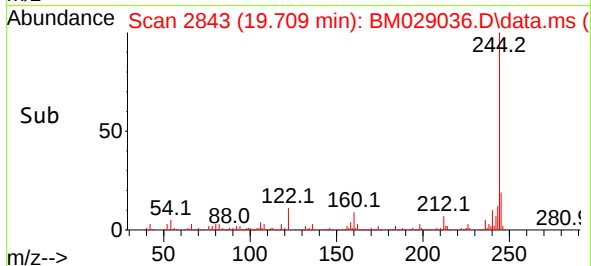
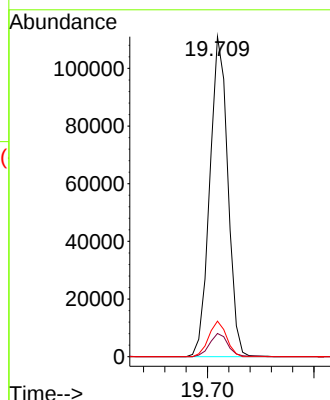
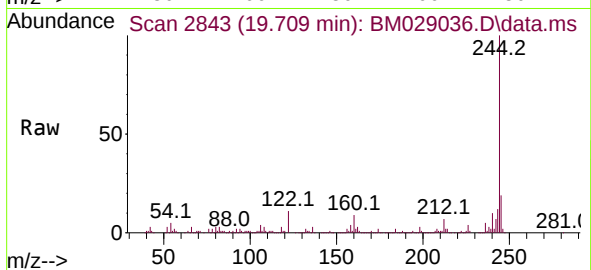
Tgt Ion:244 Resp: 130582

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 11.1 6.5 9.7#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.421 min Scan# 3474

Delta R.T. -0.018 min

Lab File: BM029036.D

Acq: 09 Mar 2021 01:35

Tgt Ion:264 Resp: 55466

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.4

265 22.8 17.7 26.5

