

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)

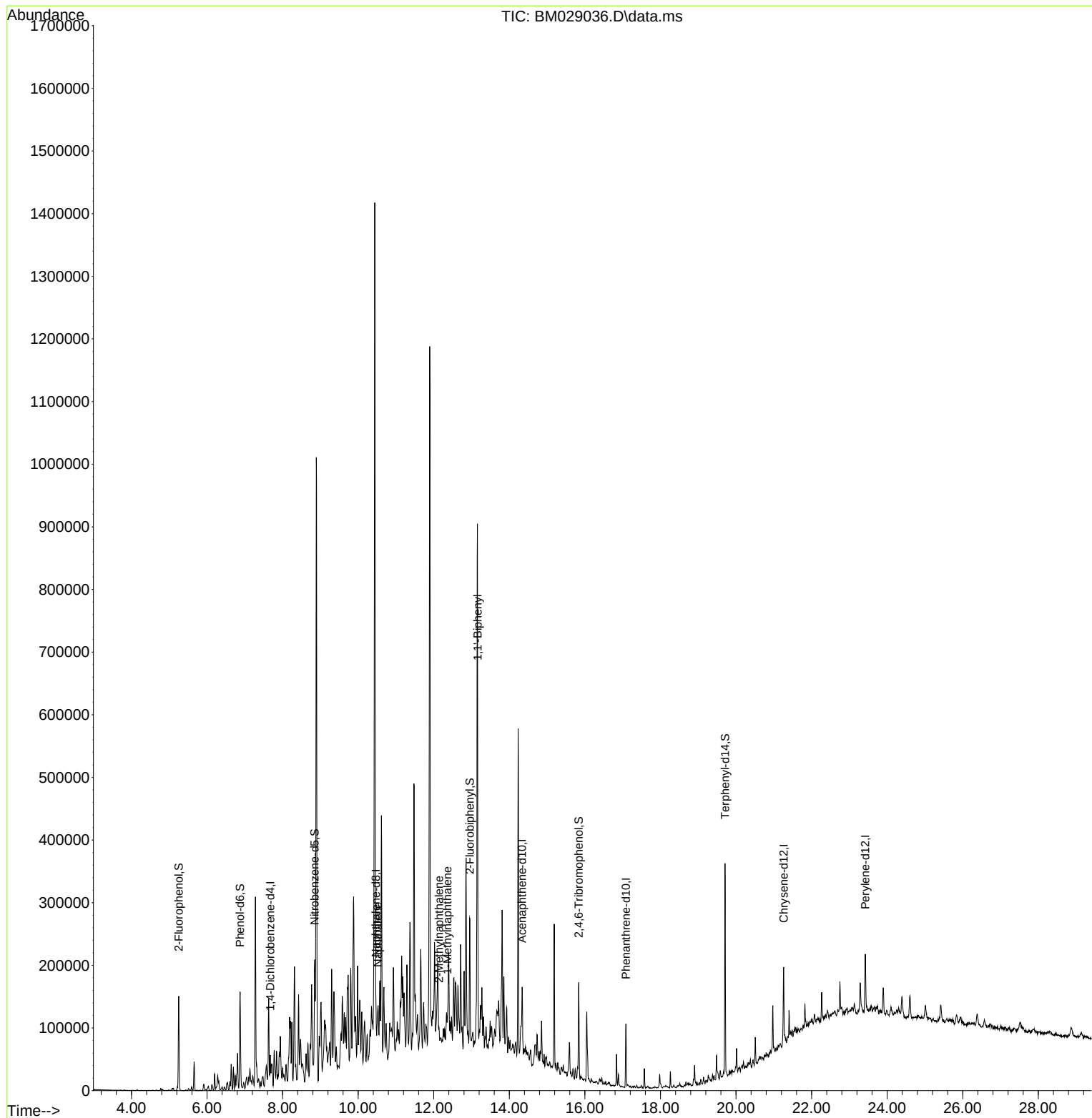
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	12984	20.00	ng	0.00
21) Naphthalene-d8	10.469	136	53460	20.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	28864	20.00	ng	-0.01
64) Phenanthrene-d10	17.086	188	54435	20.00	ng	-0.01
76) Chrysene-d12	21.262	240	53203	20.00	ng	#-0.01
86) Perylene-d12	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
31) Naphthalene	10.516	128	7825	2.65	ng	# 61
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

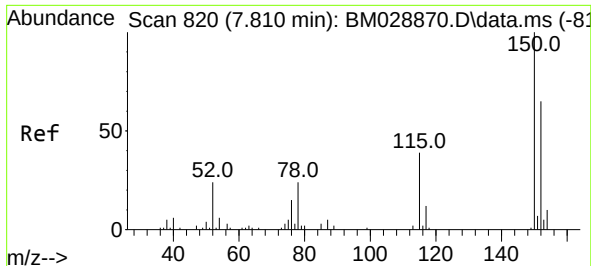
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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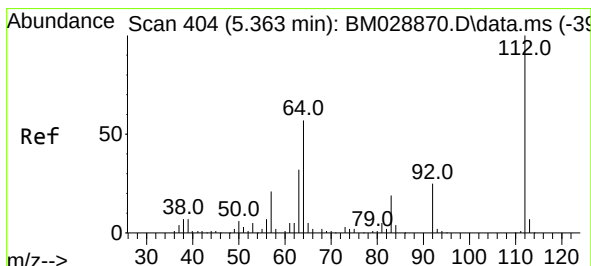
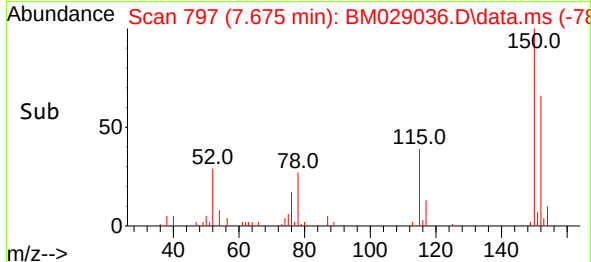
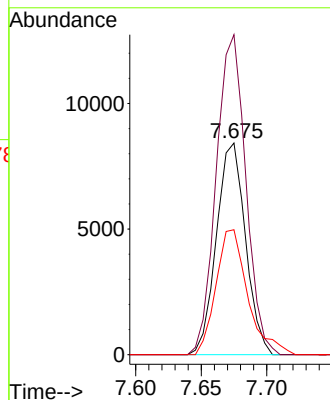
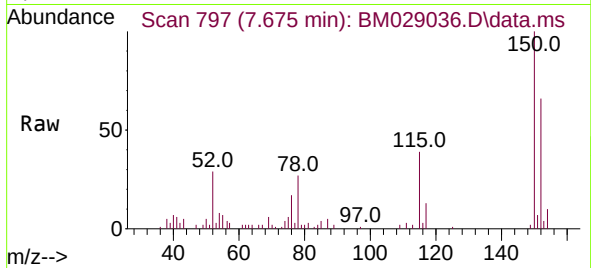




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.006 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

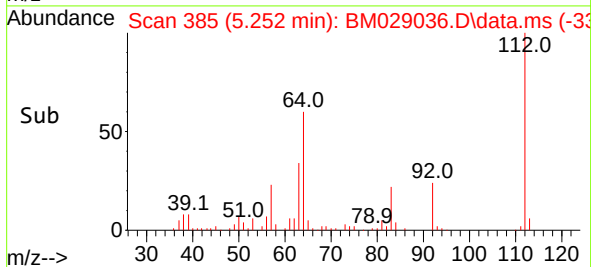
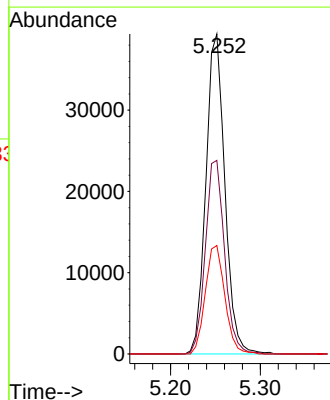
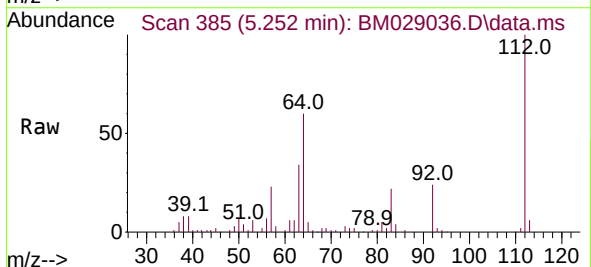
Instrument :
BNA_M
ClientSampled :
HR-02-030521

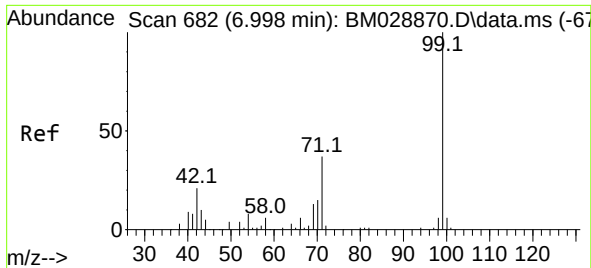
Tgt Ion:152 Resp: 12984
Ion Ratio Lower Upper
152 100
150 151.1 120.6 181.0
115 59.0 47.2 70.8



#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

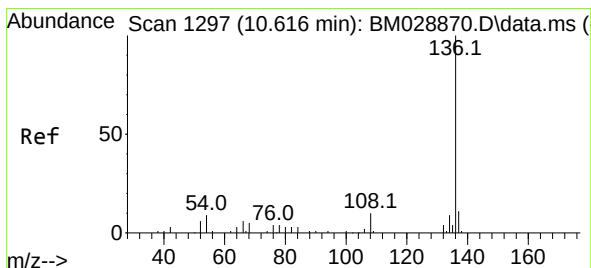
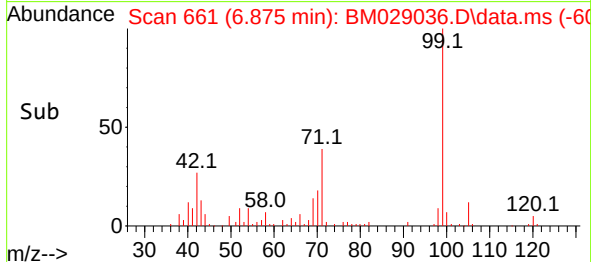
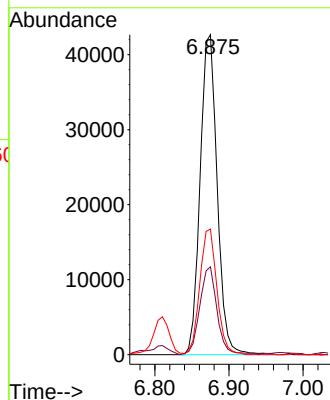
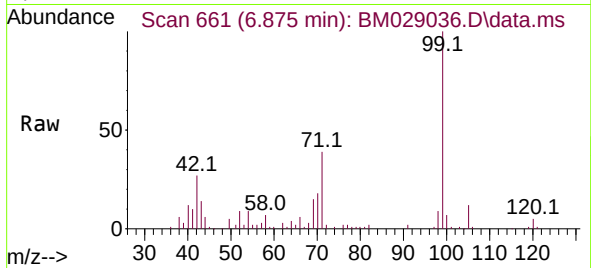




#7
Phenol-d6
Concen: 65.89 ng
RT: 6.875 min Scan# 661
Delta R.T. 0.006 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

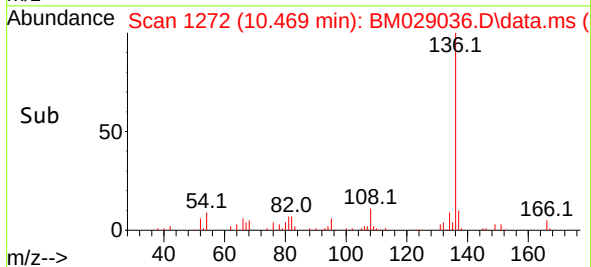
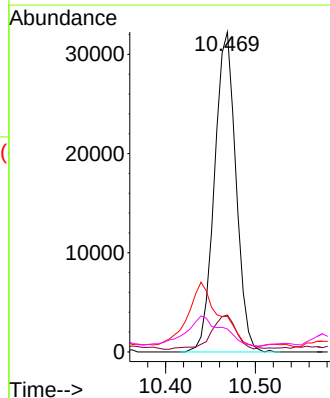
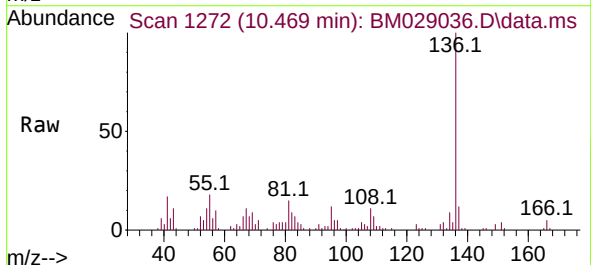
Instrument :
BNA_M
ClientSampleId :
HR-02-030521

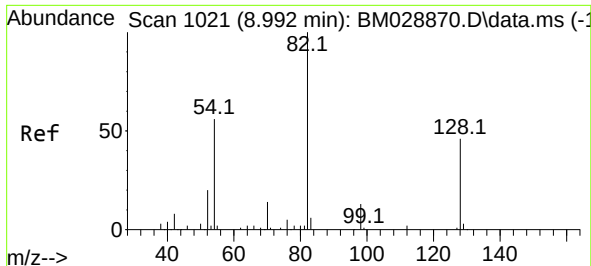
Tgt Ion:	99	Resp:	68174
Ion	Ratio	Lower	Upper
99	100		
42	27.4	13.5	20.3#
71	39.2	39.4	59.0#



#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

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#





#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

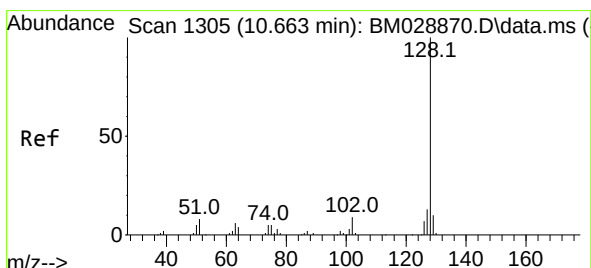
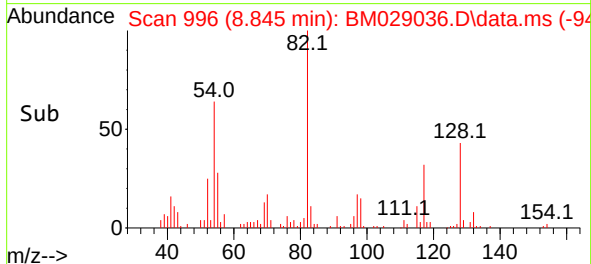
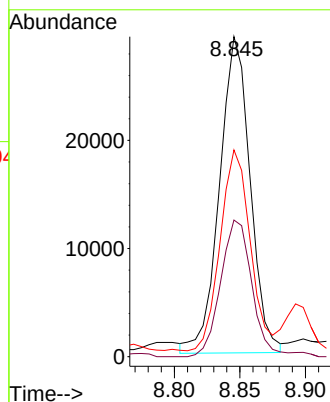
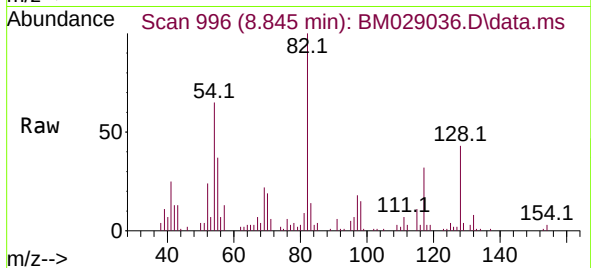
Instrument :

BNA_M

ClientSampleId :

HR-02-030521

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#



#31

Naphthalene

Concen: 2.65 ng

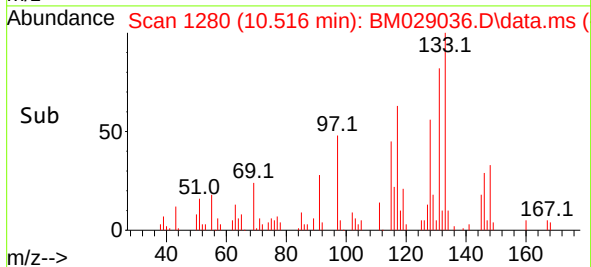
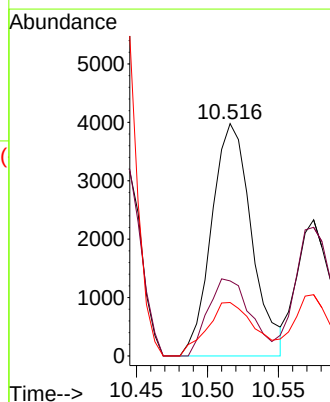
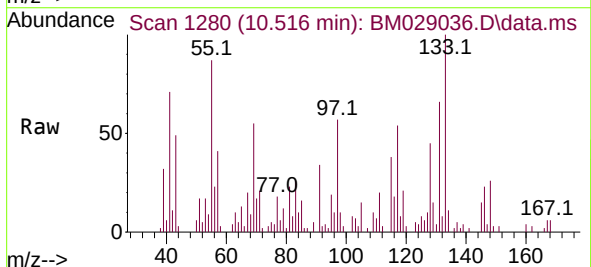
RT: 10.516 min Scan# 1280

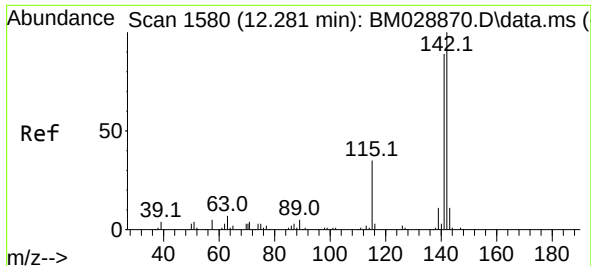
Delta R.T. -0.012 min

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#

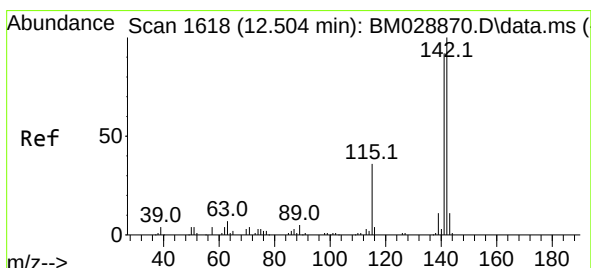
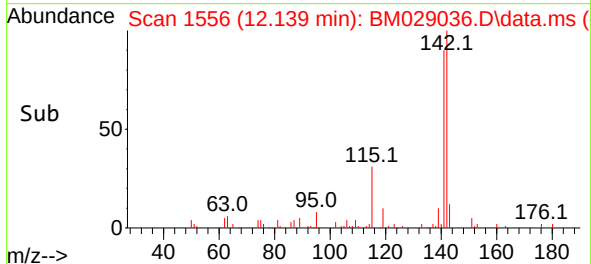
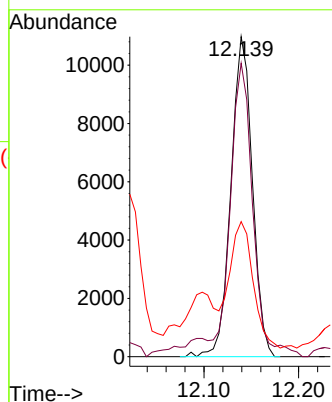
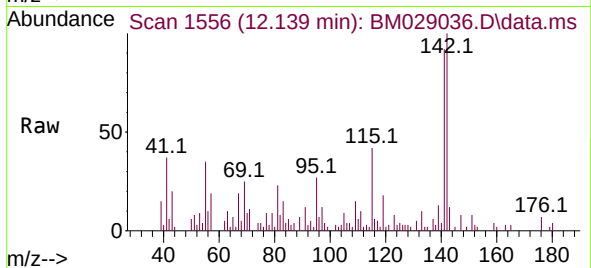




#37
2-Methylnaphthalene
Concen: 8.33 ng
RT: 12.139 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

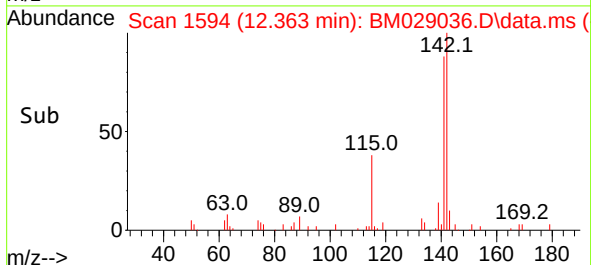
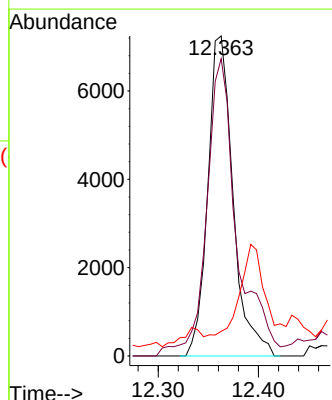
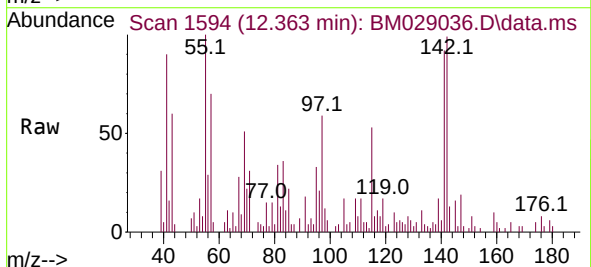
Instrument :
BNA_M
ClientSampleId :
HR-02-030521

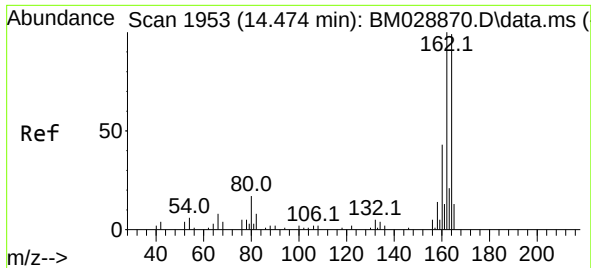
Tgt Ion:142 Resp: 17265
Ion Ratio Lower Upper
142 100
141 91.7 70.3 105.5
115 42.2 32.2 48.4



#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

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#

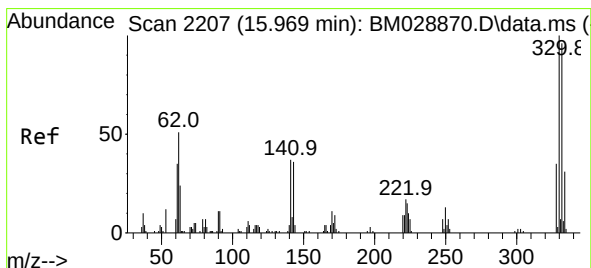
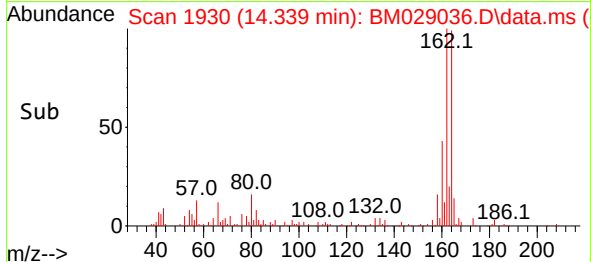
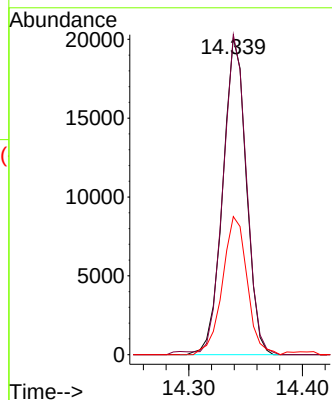
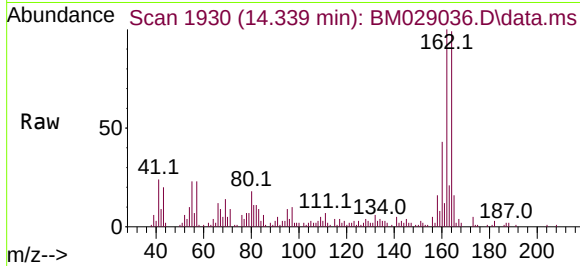




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

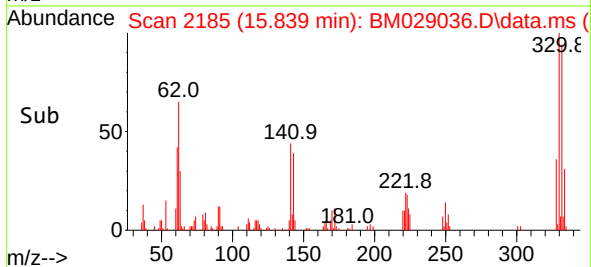
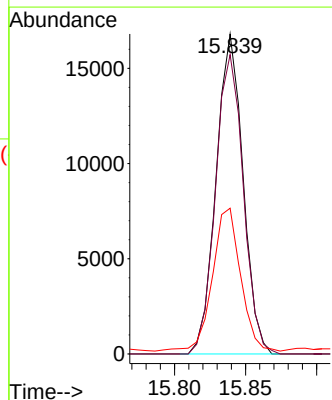
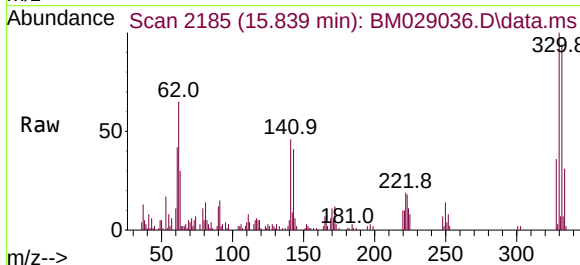
Instrument :
BNA_M
ClientSampled :
HR-02-030521

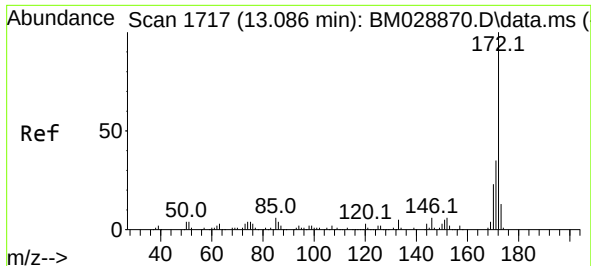
Tgt Ion:	164	Resp:	28864
Ion Ratio	Lower	Upper	
164	100		
162	101.0	80.4	120.6
160	43.6	35.9	53.9



#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

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#

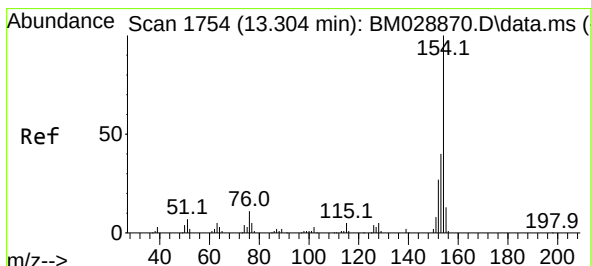
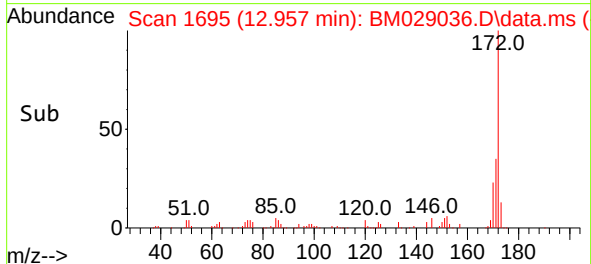
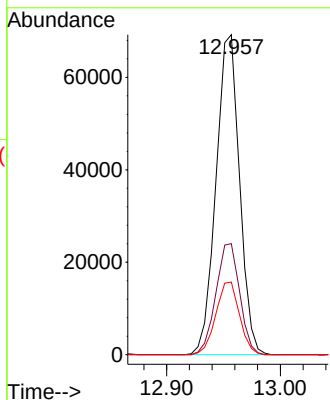
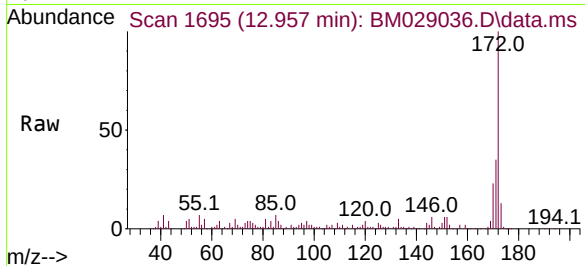




#45
2-Fluorobiphenyl
Concen: 45.98 ng
RT: 12.957 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

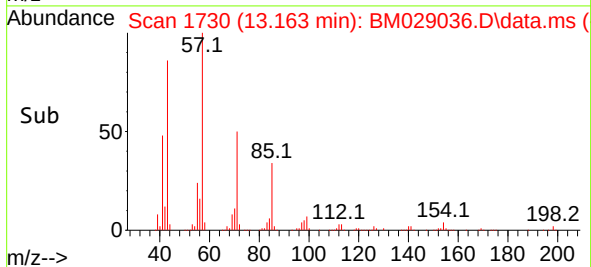
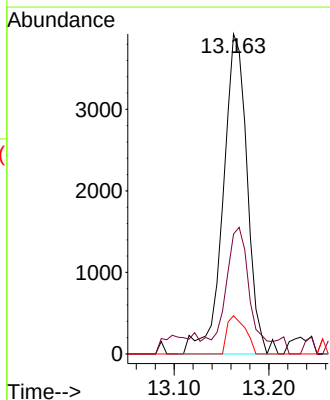
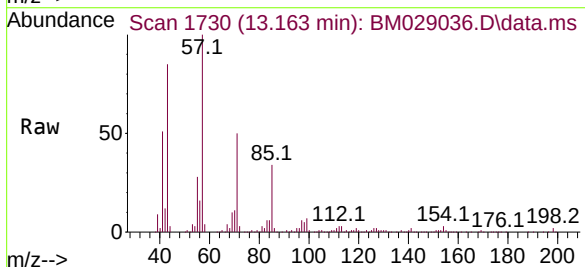
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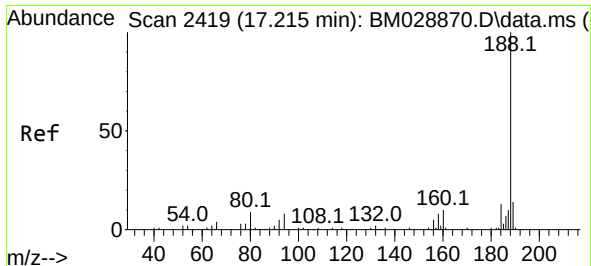
Tgt Ion:172	Resp:	99682
Ion Ratio	Lower	Upper
172	100	
171	34.7	27.8 41.8
170	22.7	18.6 27.8



#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

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

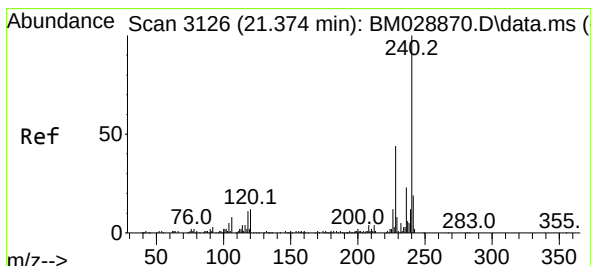
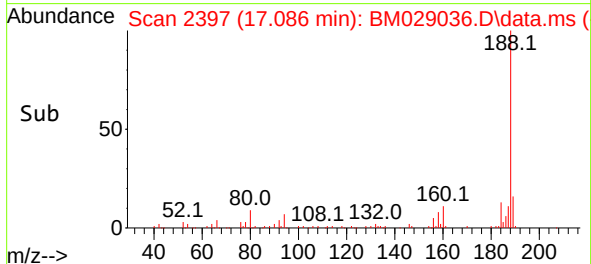
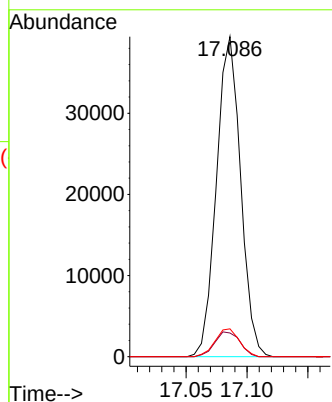
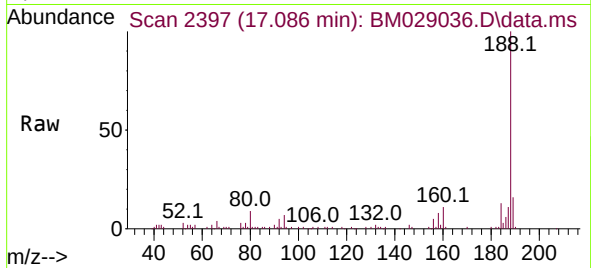




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2397
Delta R.T. -0.012 min
Lab File: BM029036.D
Acq: 09 Mar 2021 01:35

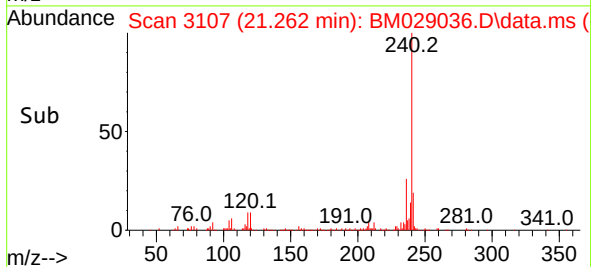
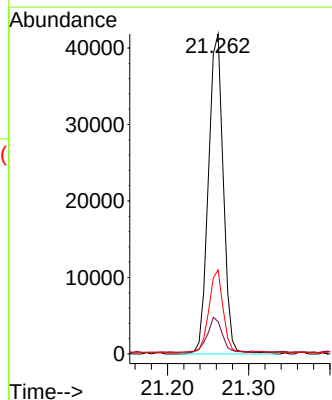
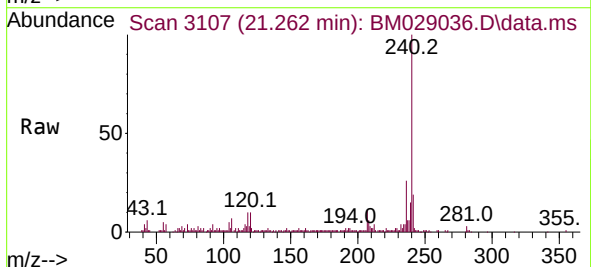
Instrument :
BNA_M
ClientSampleId :
HR-02-030521

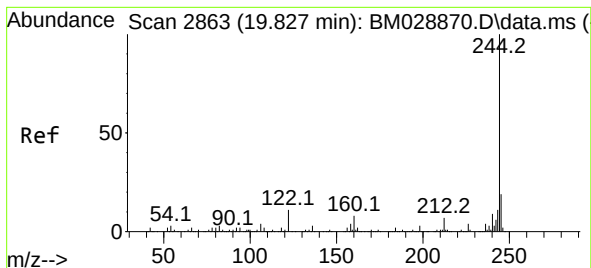
Tgt Ion:188 Resp: 54435
Ion Ratio Lower Upper
188 100
94 7.4 6.2 9.4
80 8.7 7.5 11.3



#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

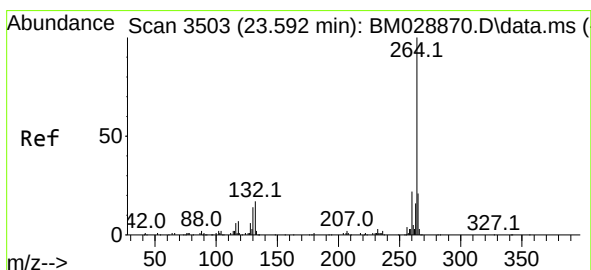
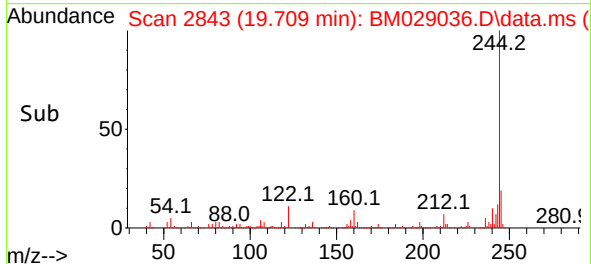
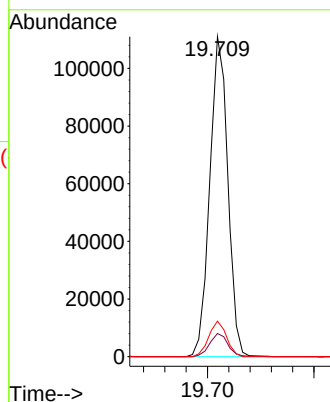
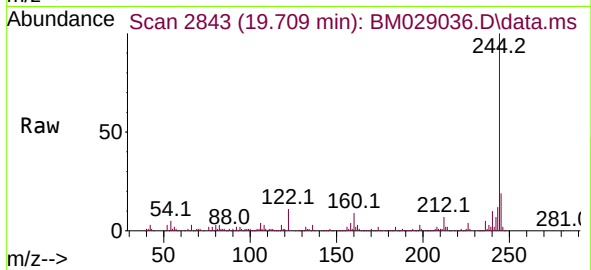
Tgt Ion:244 Resp: 130582

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

