

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
 Data File : BM029090.D
 Acq On : 11 Mar 2021 12:01
 Operator : CG/JU
 Sample : M1603-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 33-NORTH

Quant Time: Mar 11 12:32:51 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 09 10:08:02 2021
 Response via : Initial Calibration

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

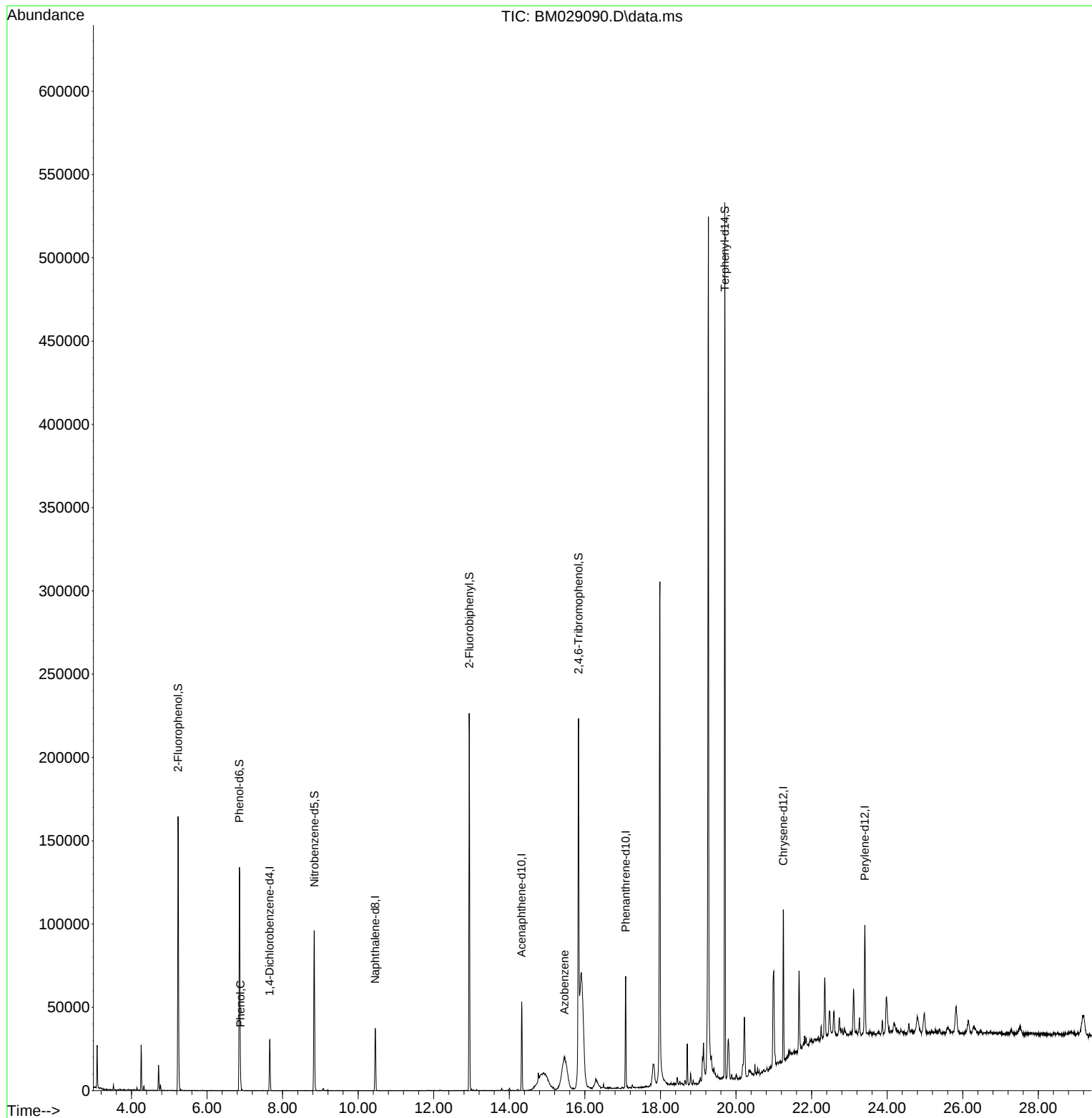
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	8289	20.00	ng	-0.01
21) Naphthalene-d8	10.451	136	31263	20.00	ng	#-0.01
39) Acenaphthene-d10	14.327	164	18087	20.00	ng	-0.01
64) Phenanthrene-d10	17.080	188	39271	20.00	ng	0.00
76) Chrysene-d12	21.250	240	40616	20.00	ng	#-0.01
86) Perylene-d12	23.409	264	40062	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	61875	123.73	ng	-0.01
7) Phenol-d6	6.857	99	65889	99.75	ng	-0.01
23) Nitrobenzene-d5	8.839	82	49957	86.21	ng	0.00
42) 2,4,6-Tribromophenol	15.833	330	30305	141.37	ng	0.00
45) 2-Fluorobiphenyl	12.939	172	110166	81.09	ng	-0.01
79) Terphenyl-d14	19.703	244	200069	90.95	ng	0.00
Target Compounds						
10) Phenol	6.887	94	1335	2.03	ng	Qvalue 94
63) Azobenzene	15.463	77	25048	19.68	ng	# 1

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

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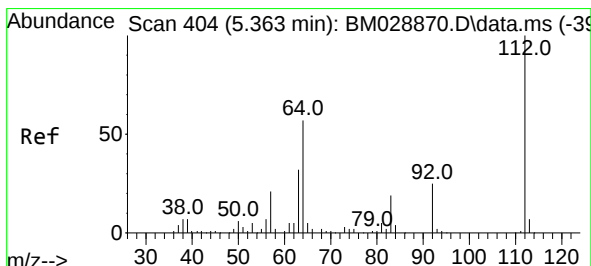
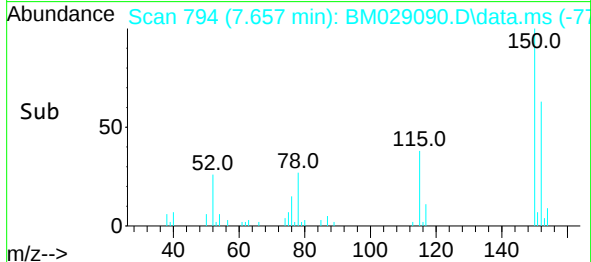
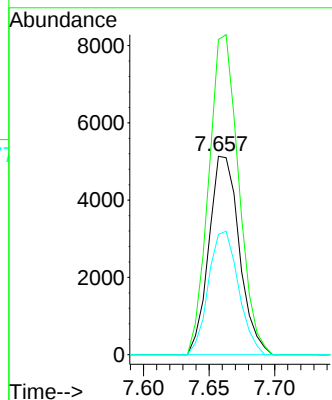
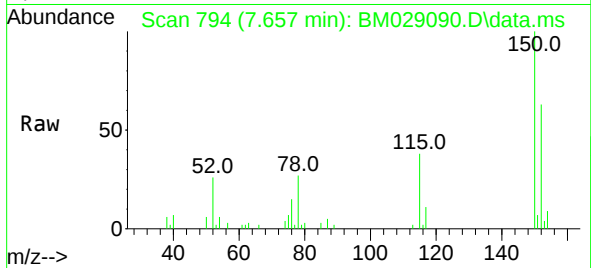




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.012 min
Lab File: BM029090.D
Acq: 11 Mar 2021 12:01

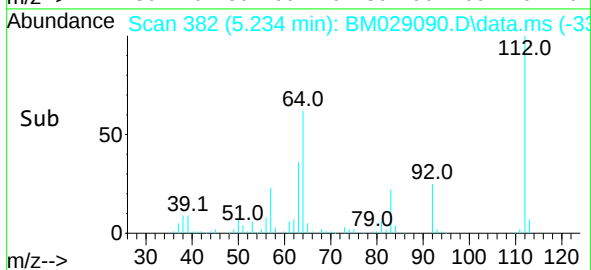
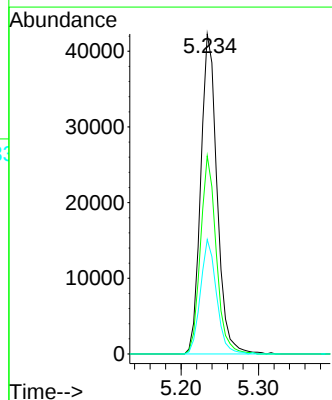
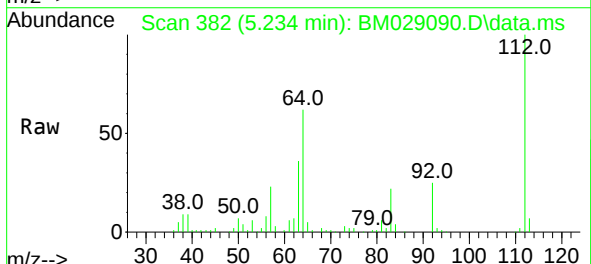
Instrument :
BNA_M
ClientSampled :
33-NORTH

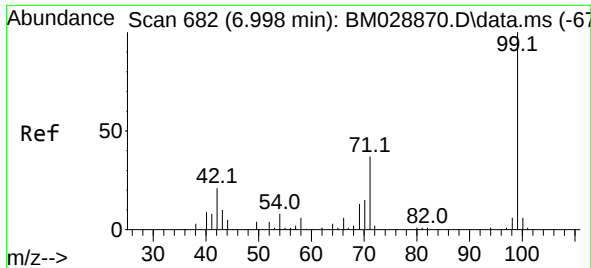
Tgt Ion:152 Resp: 8289
Ion Ratio Lower Upper
152 100
150 158.8 120.6 181.0
115 60.7 47.2 70.8



#5
2-Fluorophenol
Concen: 123.73 ng
RT: 5.234 min Scan# 382
Delta R.T. -0.012 min
Lab File: BM029090.D
Acq: 11 Mar 2021 12:01

Tgt Ion:112 Resp: 61875
Ion Ratio Lower Upper
112 100
64 61.9 50.6 76.0
63 35.8 31.0 46.6

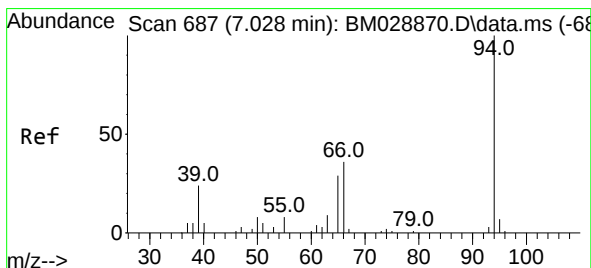
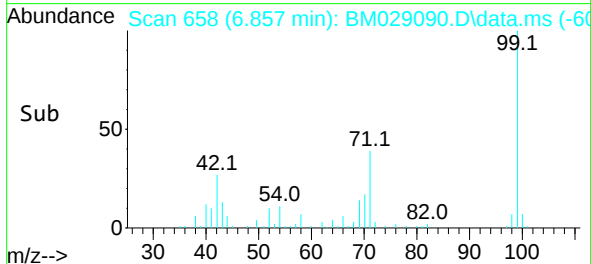
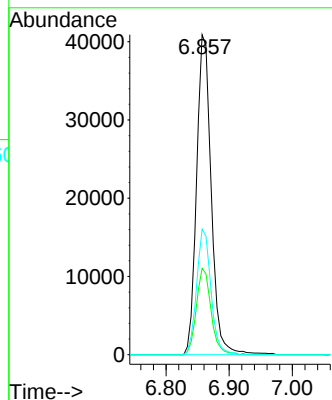
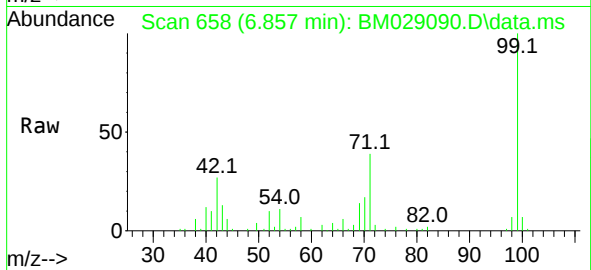




#7
Phenol-d6
Concen: 99.75 ng
RT: 6.857 min Scan# 658
Delta R.T. -0.012 min
Lab File: BM029090.D
Acq: 11 Mar 2021 12:01

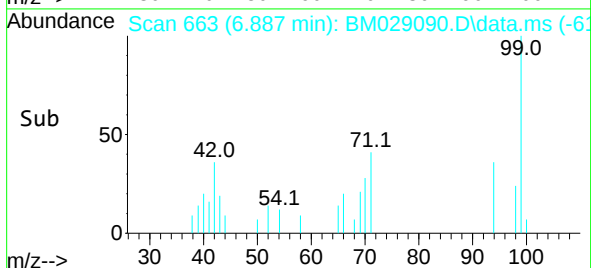
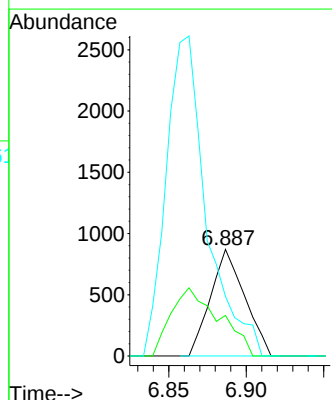
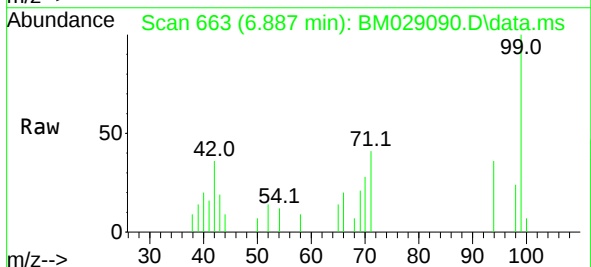
Instrument :
BNA_M
ClientSampleId :
33-NORTH

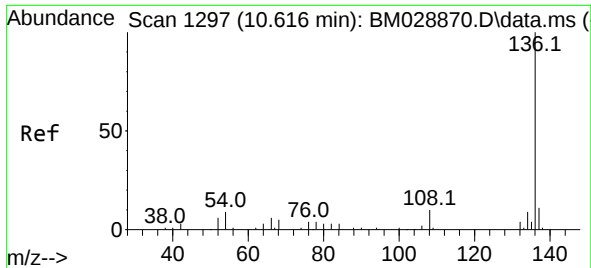
Tgt Ion: 99 Resp: 65889
Ion Ratio Lower Upper
99 100
42 27.0 13.5 20.3#
71 39.2 39.4 59.0#



#10
Phenol
Concen: 2.03 ng
RT: 6.887 min Scan# 663
Delta R.T. -0.012 min
Lab File: BM029090.D
Acq: 11 Mar 2021 12:01

Tgt Ion: 94 Resp: 1335
Ion Ratio Lower Upper
94 100
65 38.0 16.4 56.4
66 56.0 30.2 70.2

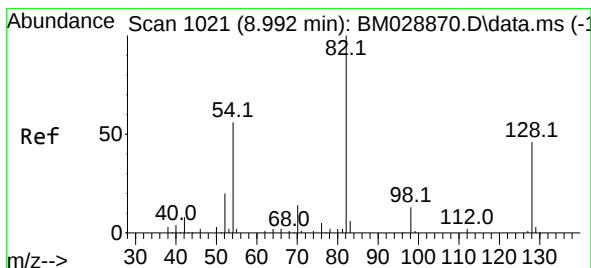
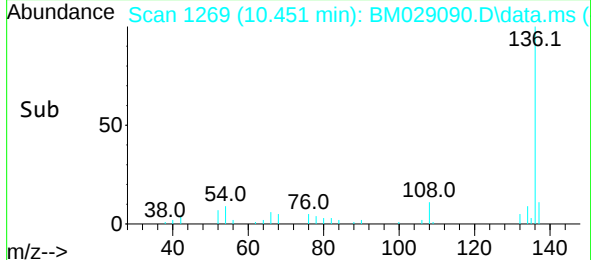
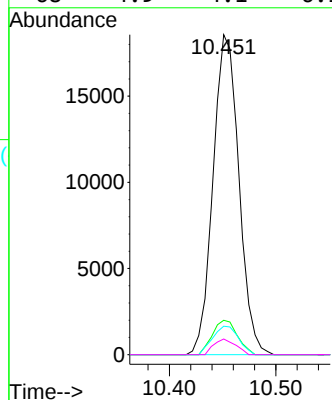
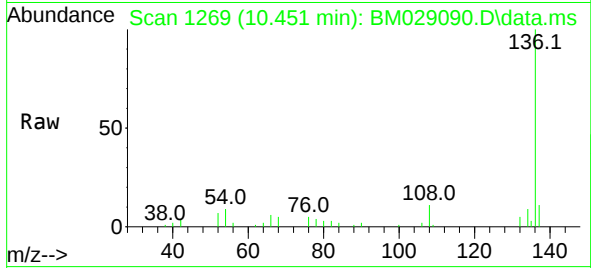




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BM029090.D
Acq: 11 Mar 2021 12:01

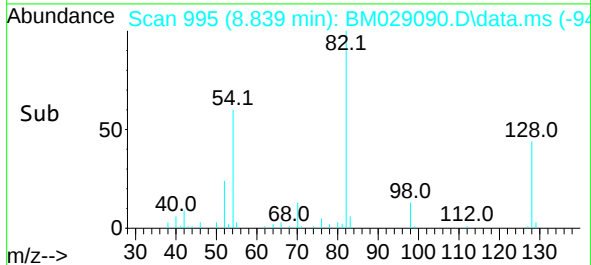
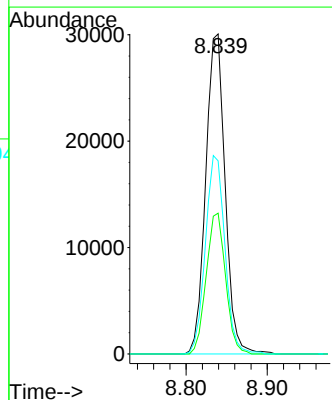
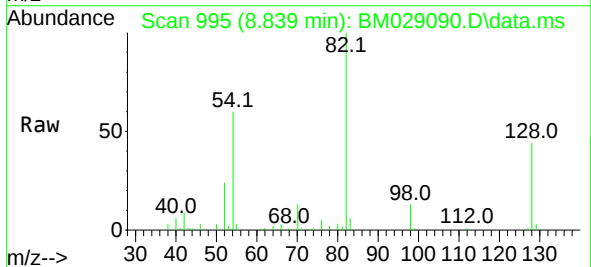
Instrument :
BNA_M
ClientSampleId :
33-NORTH

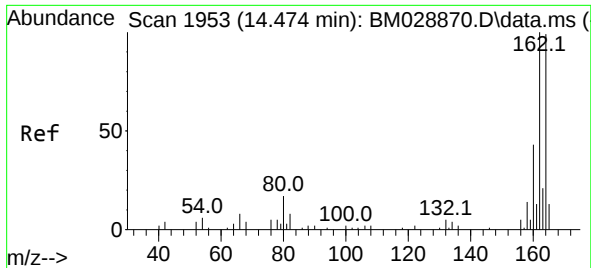
Tgt Ion:	136	Resp:	31263
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	8.9	4.6	7.0#
68	4.9	4.1	6.1



#23
Nitrobenzene-d5
Concen: 86.21 ng
RT: 8.839 min Scan# 995
Delta R.T. -0.006 min
Lab File: BM029090.D
Acq: 11 Mar 2021 12:01

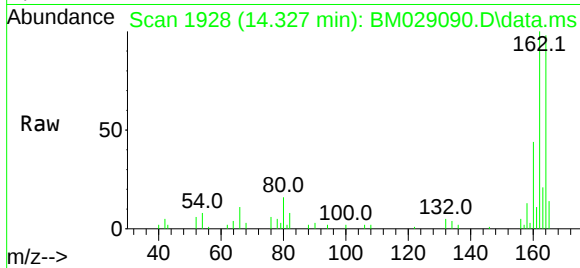
Tgt Ion:	82	Resp:	49957
Ion	Ratio	Lower	Upper
82	100		
128	44.0	27.4	41.0#
54	60.3	31.4	47.0#



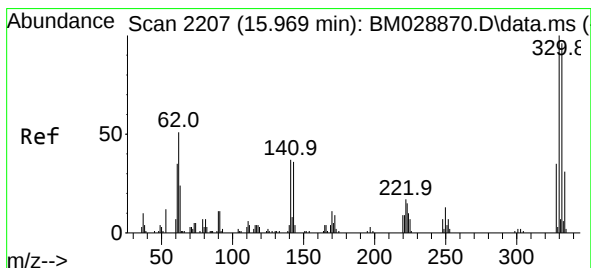
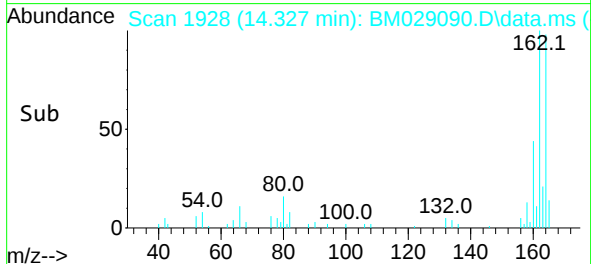
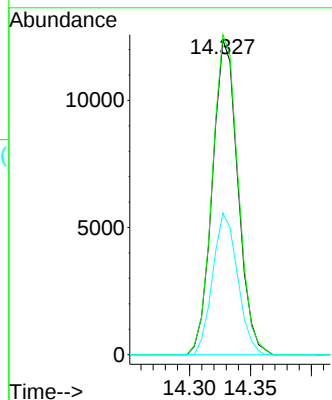


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.327 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM029090.D
Acq: 11 Mar 2021 12:01

Instrument :
BNA_M
ClientSampleId :
33-NORTH

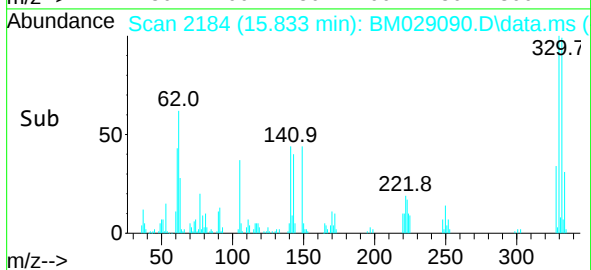
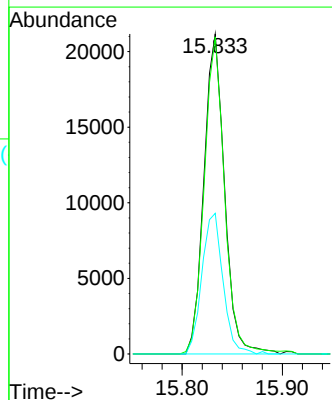
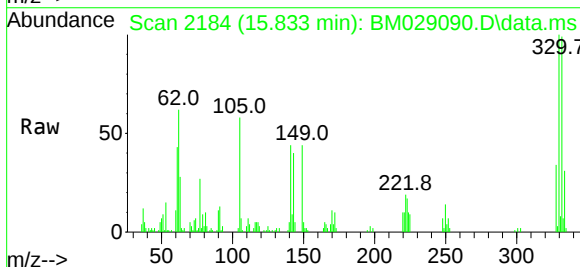


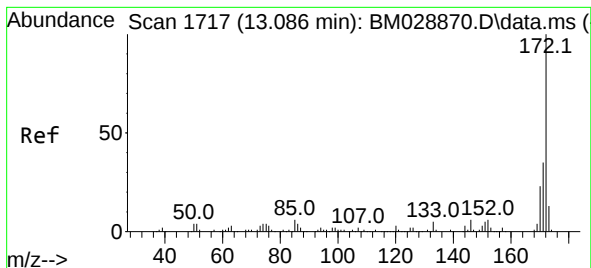
Tgt Ion:164 Resp: 18087
Ion Ratio Lower Upper
164 100
162 101.6 80.4 120.6
160 45.0 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 141.37 ng
RT: 15.833 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM029090.D
Acq: 11 Mar 2021 12:01

Tgt Ion:330 Resp: 30305
Ion Ratio Lower Upper
330 100
332 98.5 77.8 116.8
141 45.1 28.4 42.6#

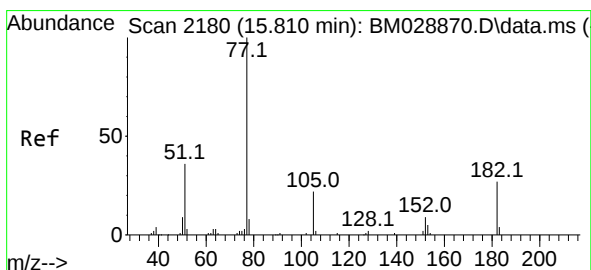
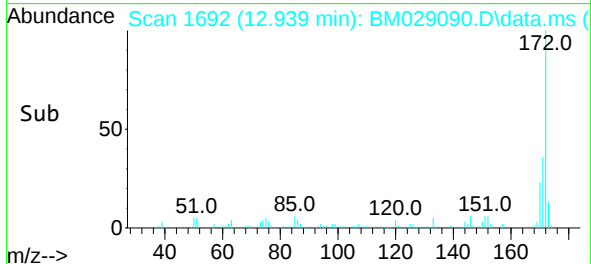
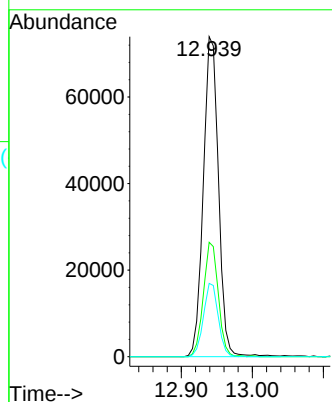
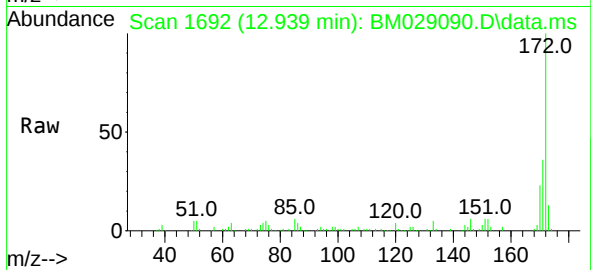




#45
2-Fluorobiphenyl
Concen: 81.09 ng
RT: 12.939 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BM029090.D
Acq: 11 Mar 2021 12:01

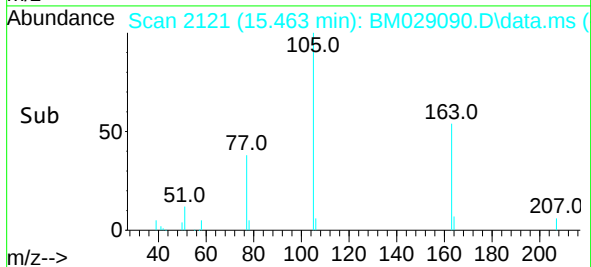
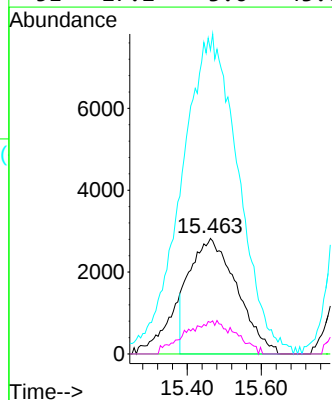
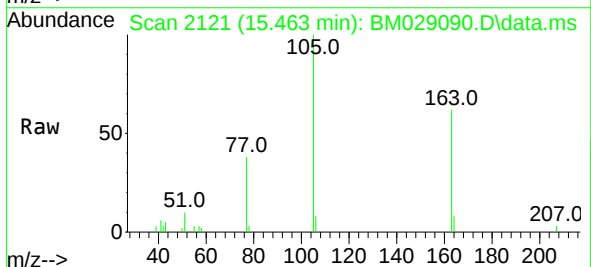
Instrument :
BNA_M
ClientSampleId :
33-NORTH

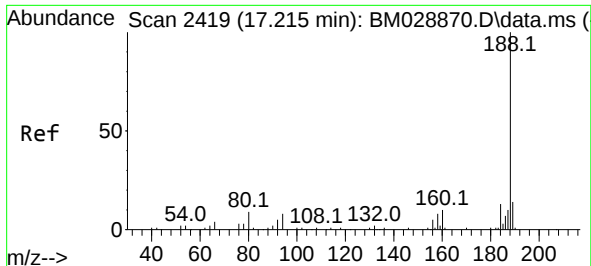
Tgt Ion:172 Resp: 110166
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.8
170 22.9 18.6 27.8



#63
Azobenzene
Concen: 19.68 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.218 min
Lab File: BM029090.D
Acq: 11 Mar 2021 12:01

Tgt Ion: 77 Resp: 25048
Ion Ratio Lower Upper
77 100
182 0.0 5.8 45.8#
105 263.0 0.0 37.2#
51 27.2 3.6 43.6

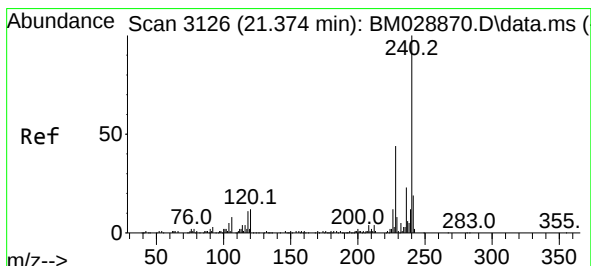
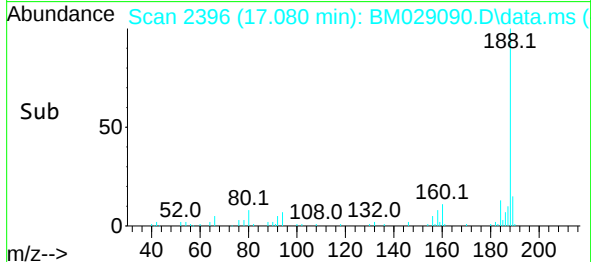
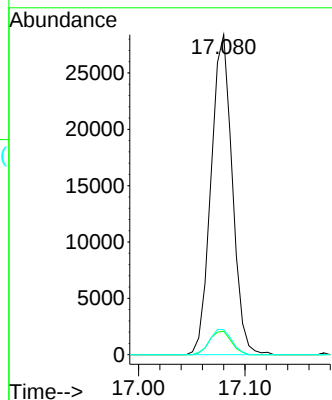
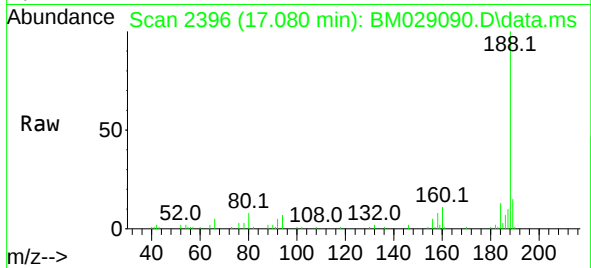




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.080 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM029090.D
Acq: 11 Mar 2021 12:01

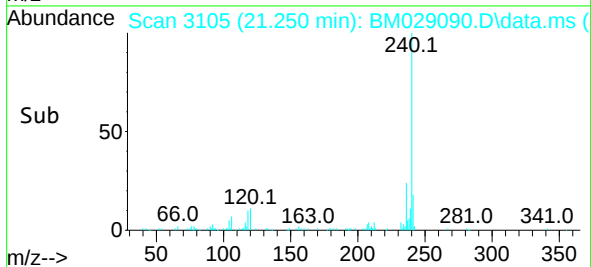
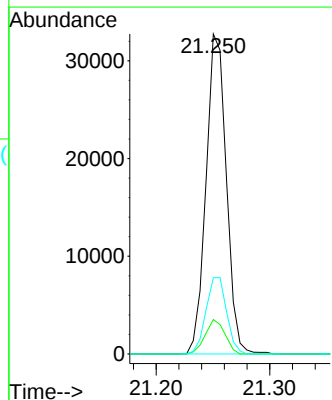
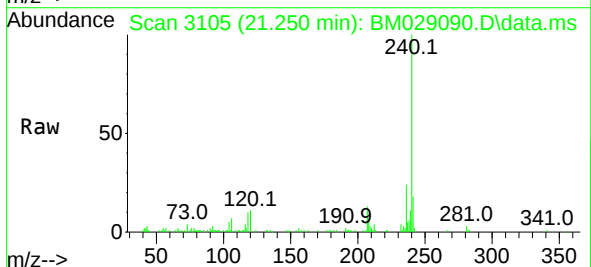
Instrument :
BNA_M
ClientSampleId :
33-NORTH

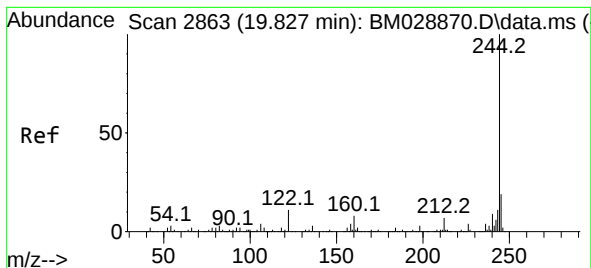
Tgt Ion:188 Resp: 39271
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.4
80 7.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.250 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BM029090.D
Acq: 11 Mar 2021 12:01

Tgt Ion:240 Resp: 40616
Ion Ratio Lower Upper
240 100
120 10.7 6.4 9.6#
236 23.8 20.1 30.1





#79

Terphenyl-d14

Concen: 90.95 ng

RT: 19.703 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BM029090.D

Acq: 11 Mar 2021 12:01

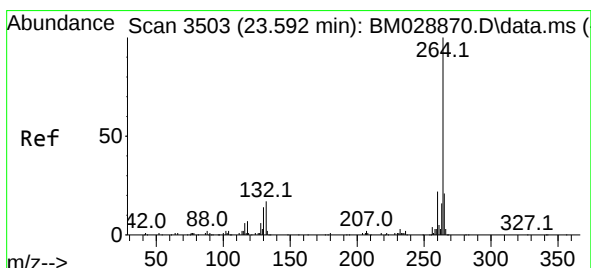
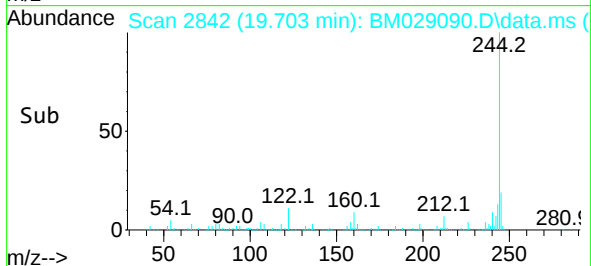
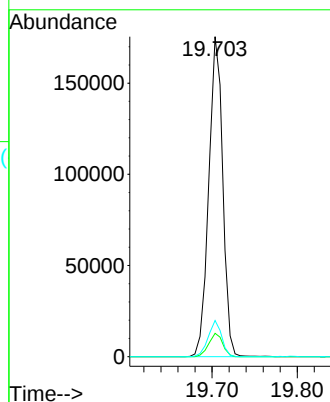
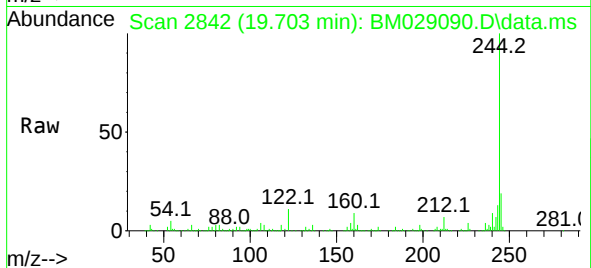
Tgt Ion:244 Resp: 200069

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 11.3 6.5 9.7#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.409 min Scan# 3472

Delta R.T. -0.012 min

Lab File: BM029090.D

Acq: 11 Mar 2021 12:01

Tgt Ion:264 Resp: 40062

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 22.7 17.7 26.5

