

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031221\
 Data File : BM029113.D
 Acq On : 12 Mar 2021 16:14
 Operator : CG/JU
 Sample : M1649-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-3

Quant Time: Mar 12 16:48:44 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 12 12:30:15 2021
 Response via : Initial Calibration

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

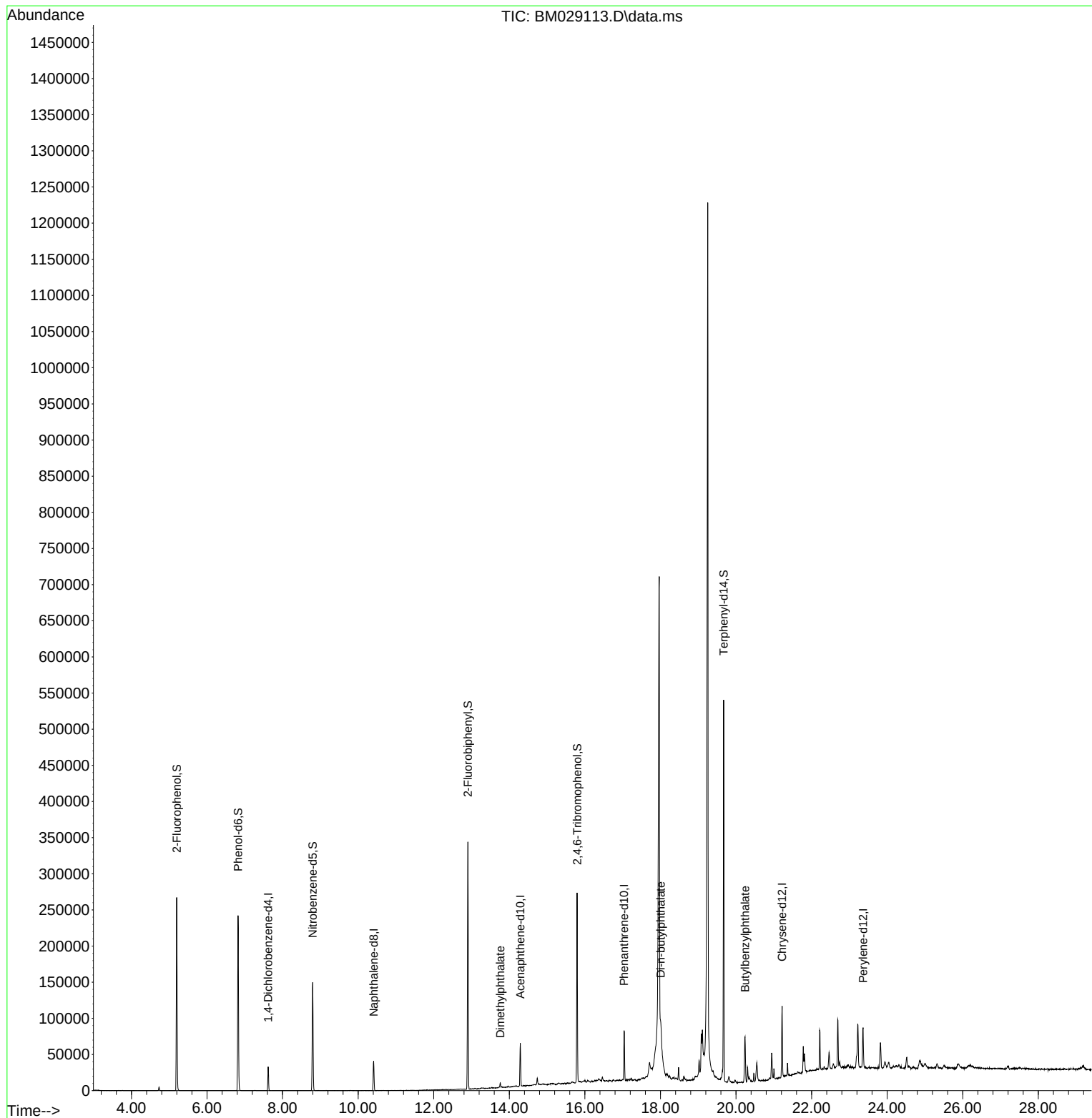
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	8627	20.00	ng	0.00
21) Naphthalene-d8	10.410	136	31812	20.00	ng	# 0.00
39) Acenaphthene-d10	14.292	164	19182	20.00	ng	0.00
64) Phenanthrene-d10	17.039	188	38755	20.00	ng	0.00
76) Chrysene-d12	21.221	240	33926	20.00	ng	0.00
86) Perylene-d12	23.362	264	33426	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.199	112	94322	181.22	ng	0.00
7) Phenol-d6	6.822	99	110297	160.44	ng	0.00
23) Nitrobenzene-d5	8.799	82	71390	121.07	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	38123	167.69	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	155794	108.12	ng	0.00
79) Terphenyl-d14	19.674	244	205572	111.89	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.763	163	3831	2.64	ng	# 90
74) Di-n-butylphthalate	18.010	149	64202	25.74	ng	# 92
80) Butylbenzylphthalate	20.239	149	11747	10.95	ng	# 23

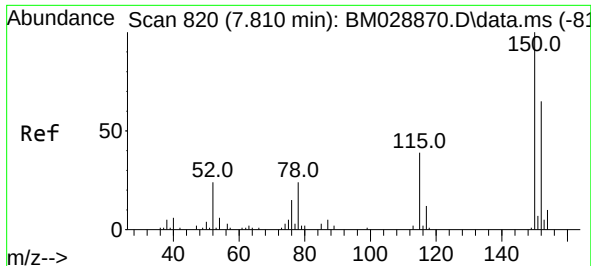
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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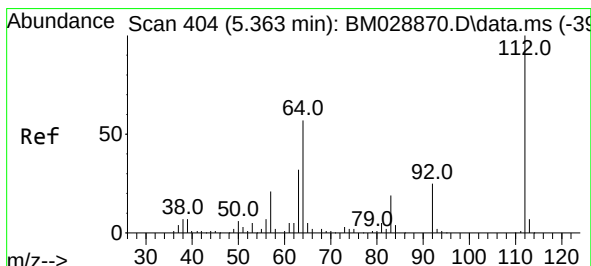
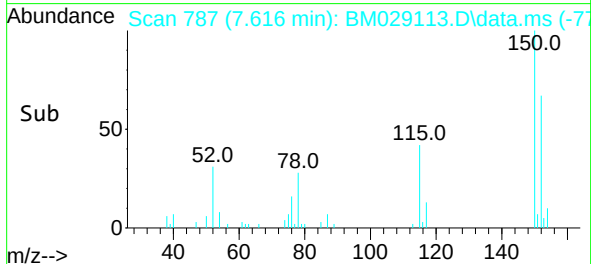
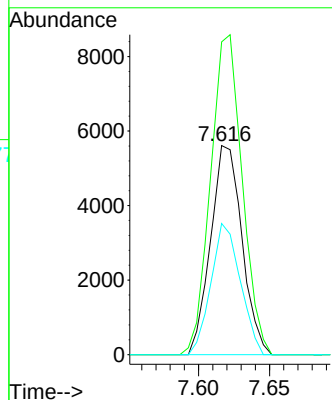
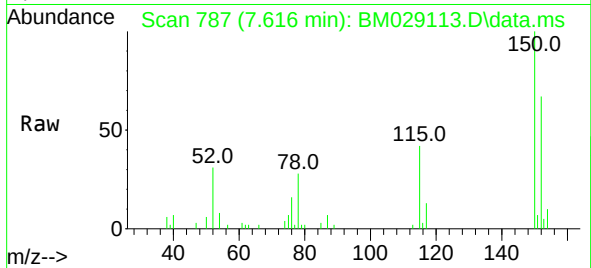




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 787
Delta R.T. -0.006 min
Lab File: BM029113.D
Acq: 12 Mar 2021 16:14

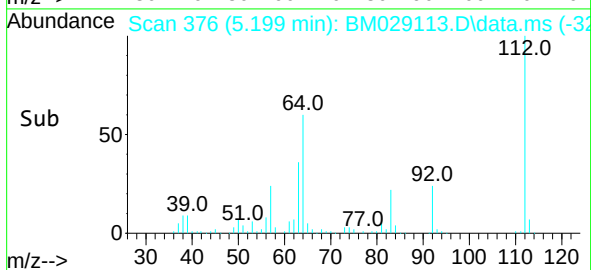
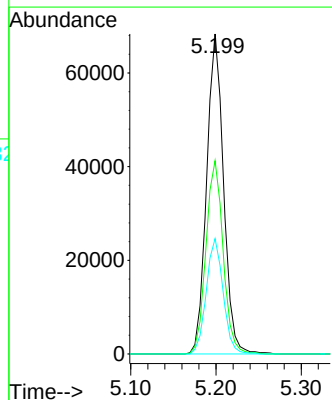
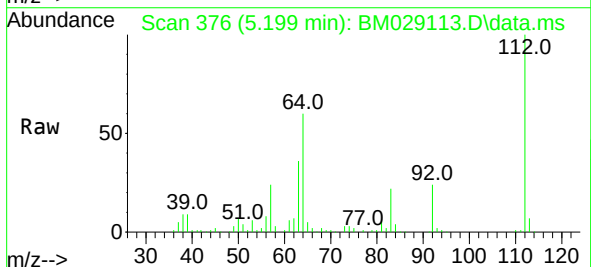
Instrument :
BNA_M
ClientSampled :
SP-1-3

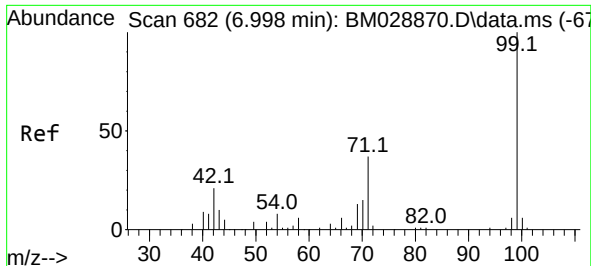
Tgt Ion:152 Resp: 8627
Ion Ratio Lower Upper
152 100
150 149.6 120.6 181.0
115 62.7 47.2 70.8



#5
2-Fluorophenol
Concen: 181.22 ng
RT: 5.199 min Scan# 376
Delta R.T. 0.000 min
Lab File: BM029113.D
Acq: 12 Mar 2021 16:14

Tgt Ion:112 Resp: 94322
Ion Ratio Lower Upper
112 100
64 60.4 50.6 76.0
63 36.1 31.0 46.6

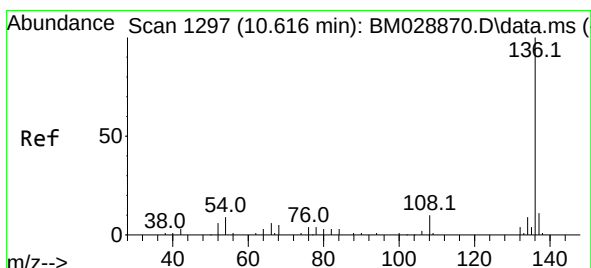
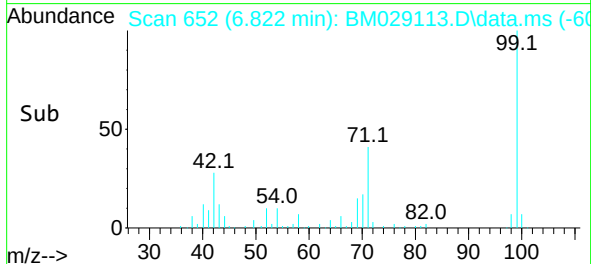
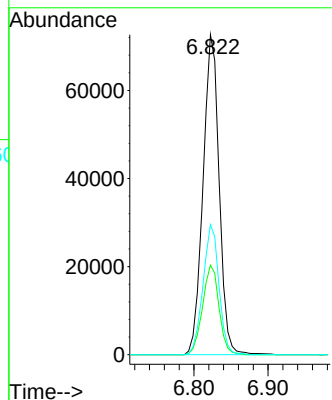
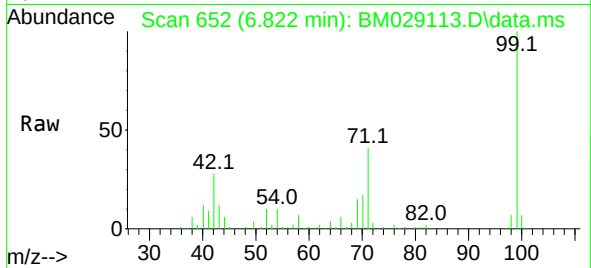




#7
Phenol-d6
Concen: 160.44 ng
RT: 6.822 min Scan# 652
Delta R.T. 0.000 min
Lab File: BM029113.D
Acq: 12 Mar 2021 16:14

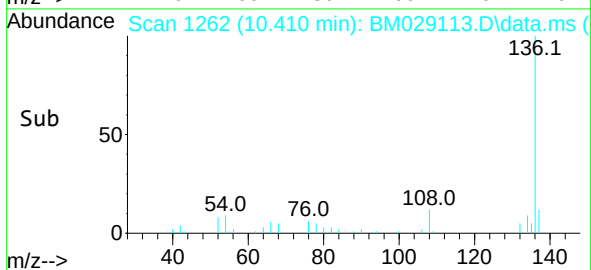
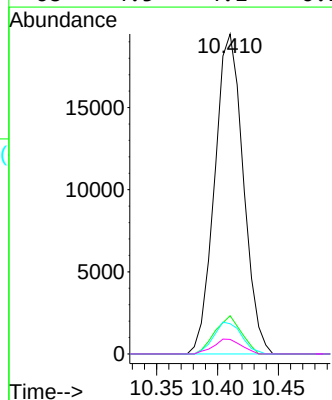
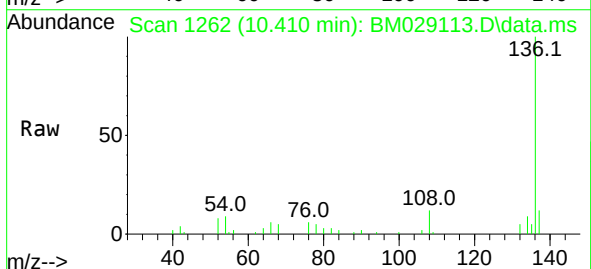
Instrument :
BNA_M
ClientSampled :
SP-1-3

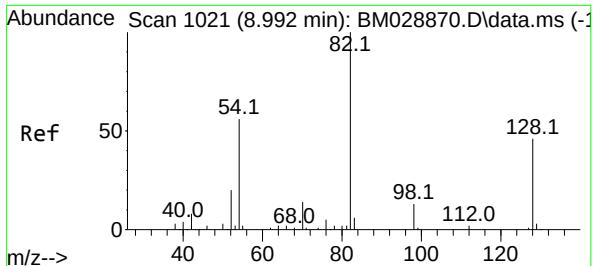
Tgt Ion: 99 Resp: 110297
Ion Ratio Lower Upper
99 100
42 28.0 13.5 20.3#
71 40.7 39.4 59.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.410 min Scan# 1262
Delta R.T. -0.006 min
Lab File: BM029113.D
Acq: 12 Mar 2021 16:14

Tgt Ion: 136 Resp: 31812
Ion Ratio Lower Upper
136 100
137 11.9 8.6 12.8
54 9.5 4.6 7.0#
68 4.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 121.07 ng

RT: 8.799 min Scan# 988

Delta R.T. 0.000 min

Lab File: BM029113.D

Acq: 12 Mar 2021 16:14

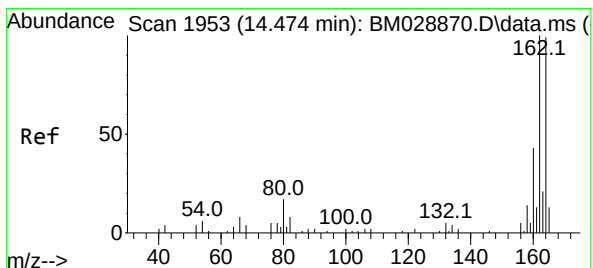
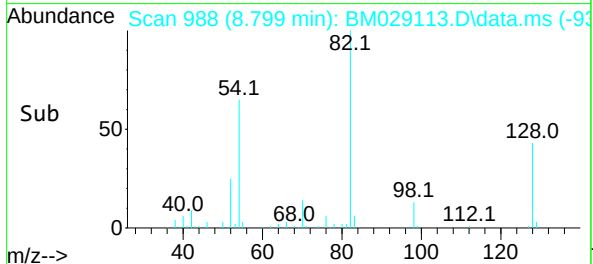
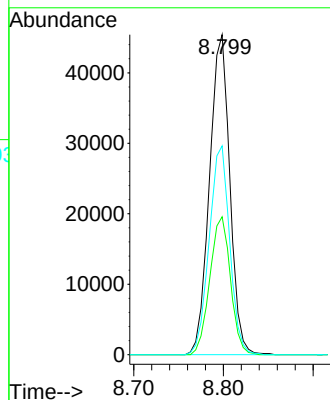
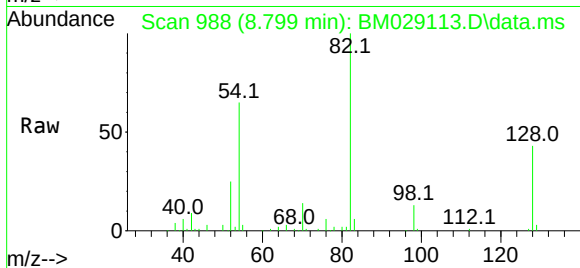
Tgt Ion:	82	Resp:	71390
Ion	Ratio	Lower	Upper
82	100		
128	43.1	27.4	41.0#
54	65.3	31.4	47.0#

Instrument :

BNA_M

ClientSampleId :

SP-1-3



#39

Acenaphthene-d10

Concen: 20.00 ng

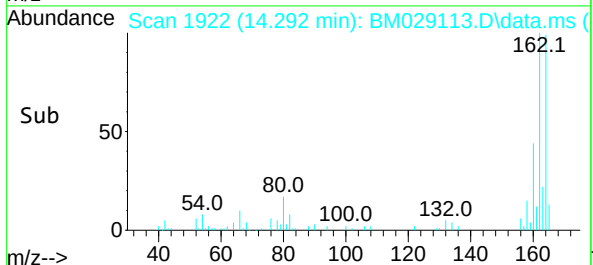
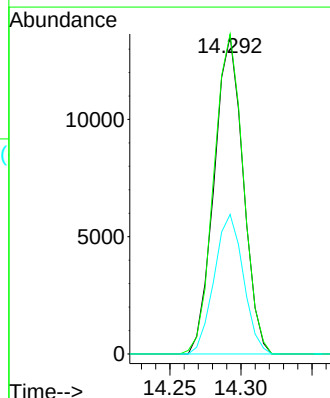
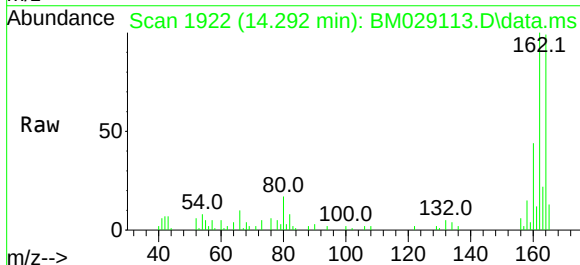
RT: 14.292 min Scan# 1922

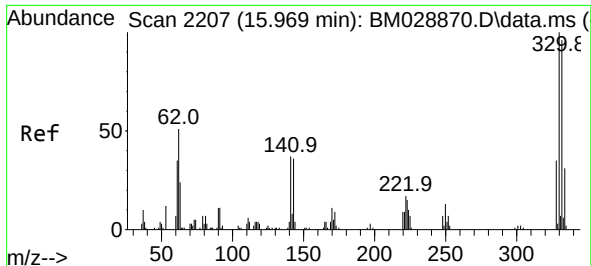
Delta R.T. -0.006 min

Lab File: BM029113.D

Acq: 12 Mar 2021 16:14

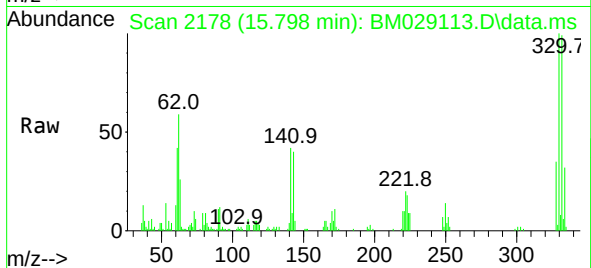
Tgt Ion:	164	Resp:	19182
Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.4	120.6
160	43.9	35.9	53.9



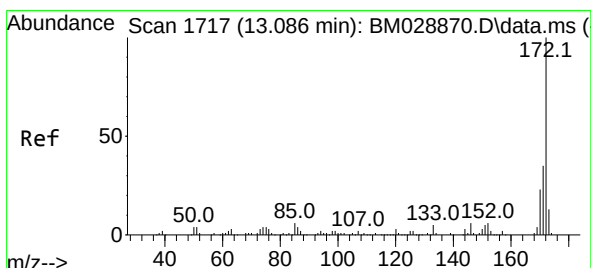
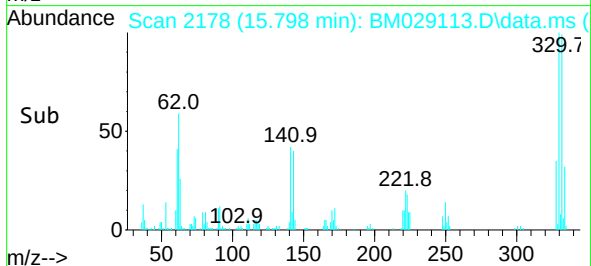
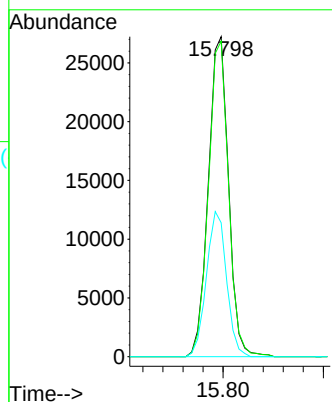


#42
2,4,6-Tribromophenol
Concen: 167.69 ng
RT: 15.798 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BM029113.D
Acq: 12 Mar 2021 16:14

Instrument :
BNA_M
ClientSampleId :
SP-1-3

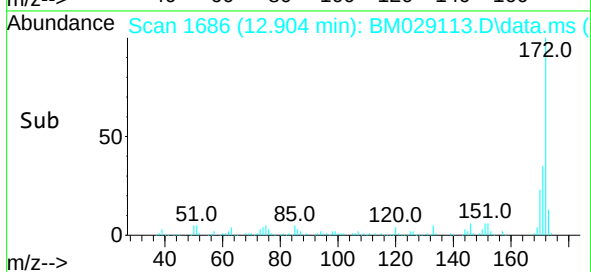
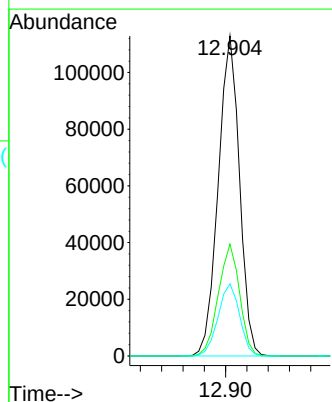
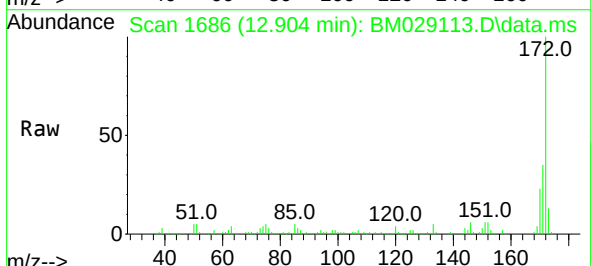


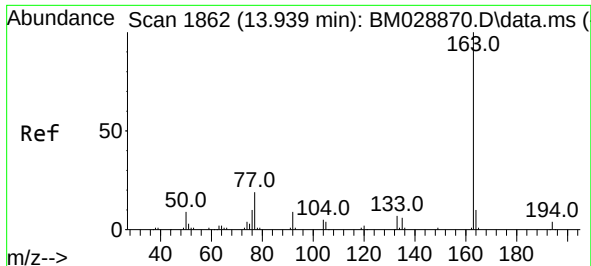
Tgt Ion:330 Resp: 38123
Ion Ratio Lower Upper
330 100
332 98.0 77.8 116.8
141 45.2 28.4 42.6#



#45
2-Fluorobiphenyl
Concen: 108.12 ng
RT: 12.904 min Scan# 1686
Delta R.T. 0.000 min
Lab File: BM029113.D
Acq: 12 Mar 2021 16:14

Tgt Ion:172 Resp: 155794
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 22.6 18.6 27.8

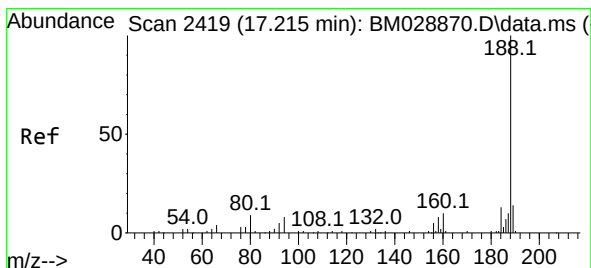
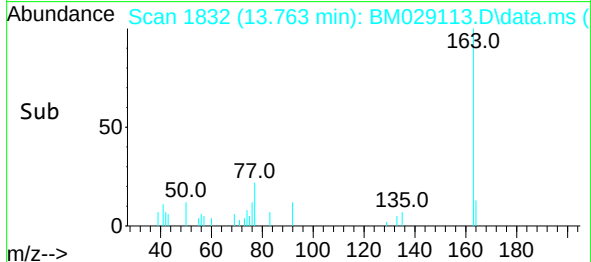
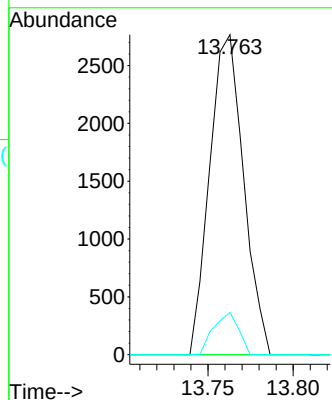
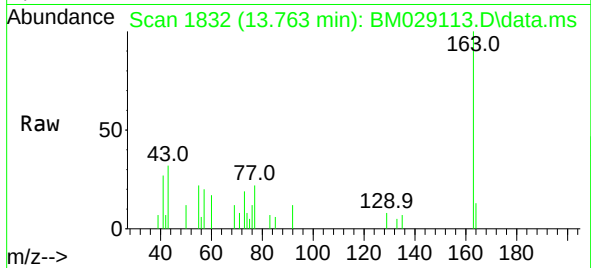




#50
Dimethylphthalate
Concen: 2.64 ng
RT: 13.763 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BM029113.D
Acq: 12 Mar 2021 16:14

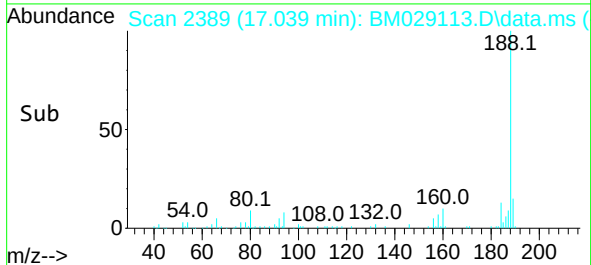
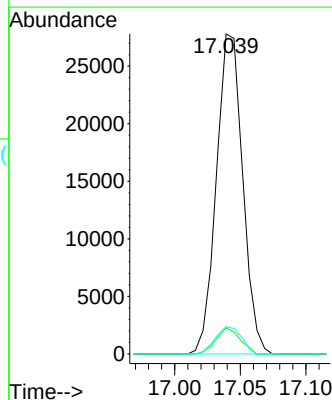
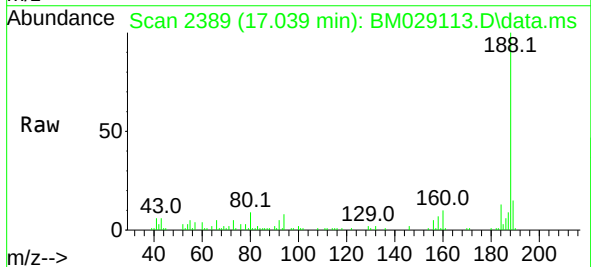
Instrument :
BNA_M
ClientSampled :
SP-1-3

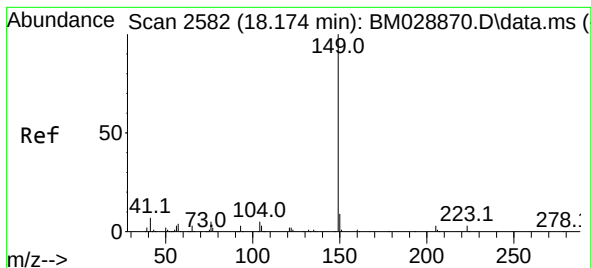
Tgt Ion:163 Resp: 3831
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.2#
164 13.2 8.1 12.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.039 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BM029113.D
Acq: 12 Mar 2021 16:14

Tgt Ion:188 Resp: 38755
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.4
80 8.5 7.5 11.3





#74

Di-n-butylphthalate

Concen: 25.74 ng

RT: 18.010 min Scan# 2554

Delta R.T. 0.000 min

Lab File: BM029113.D

Acq: 12 Mar 2021 16:14

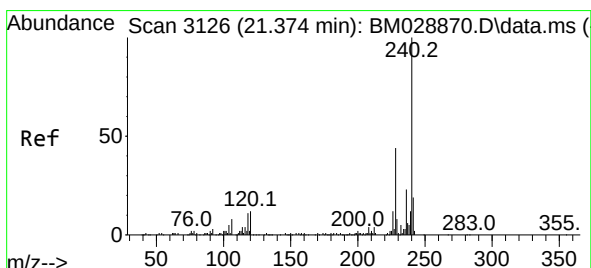
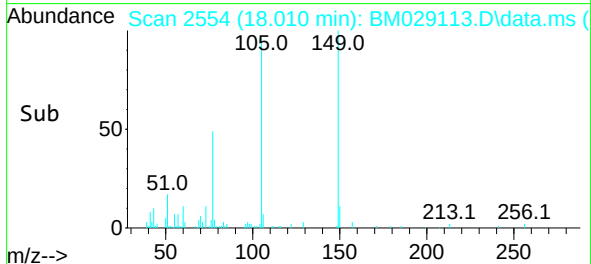
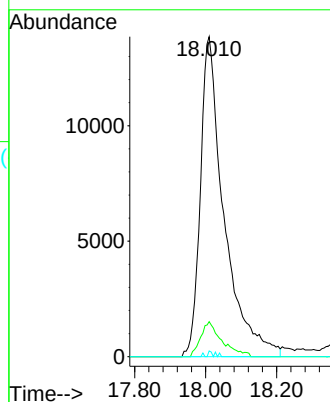
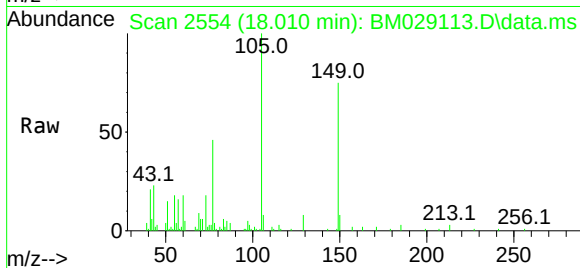
Tgt Ion:149 Resp: 64202

Ion Ratio Lower Upper

149 100

150 11.0 7.4 11.0

104 1.8 4.7 7.1#



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.221 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BM029113.D

Acq: 12 Mar 2021 16:14

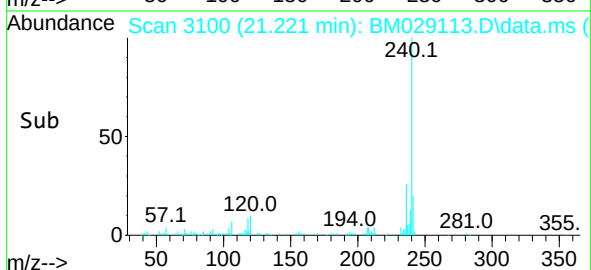
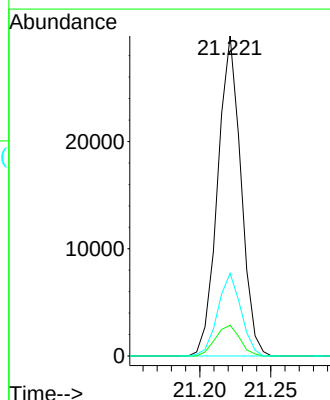
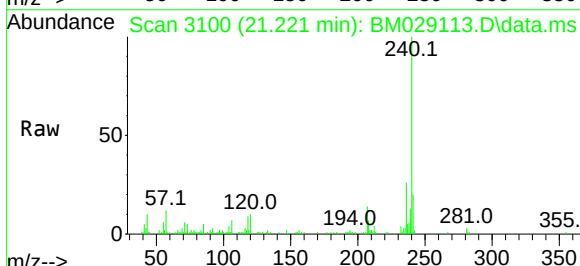
Tgt Ion:240 Resp: 33926

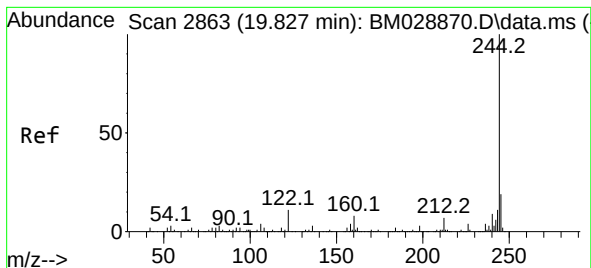
Ion Ratio Lower Upper

240 100

120 9.6 6.4 9.6

236 25.8 20.1 30.1





#79

Terphenyl-d14

Concen: 111.89 ng

RT: 19.674 min Scan# 2837

Delta R.T. 0.000 min

Lab File: BM029113.D

Acq: 12 Mar 2021 16:14

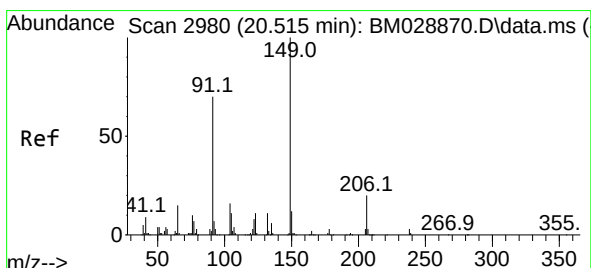
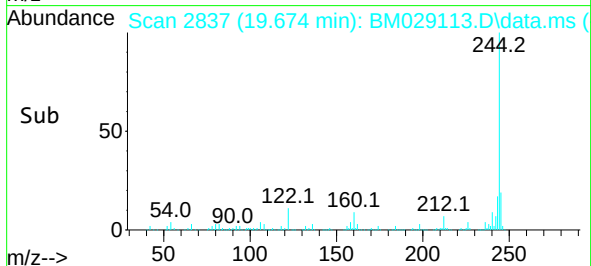
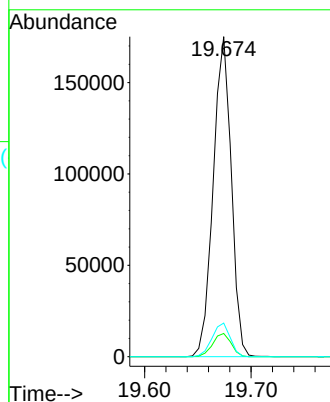
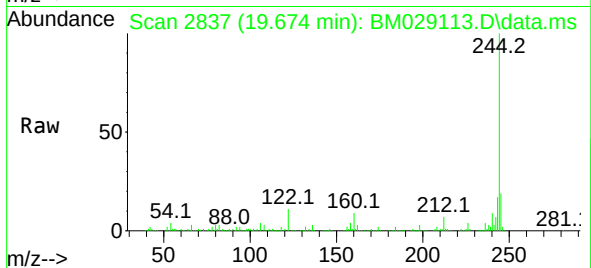
Tgt Ion:244 Resp: 205572

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.5 6.5 9.7#



#80

Butylbenzylphthalate

Concen: 10.95 ng

RT: 20.239 min Scan# 2933

Delta R.T. -0.129 min

Lab File: BM029113.D

Acq: 12 Mar 2021 16:14

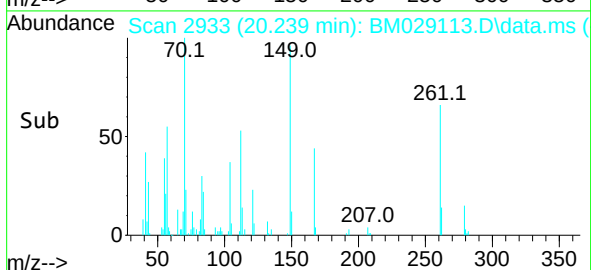
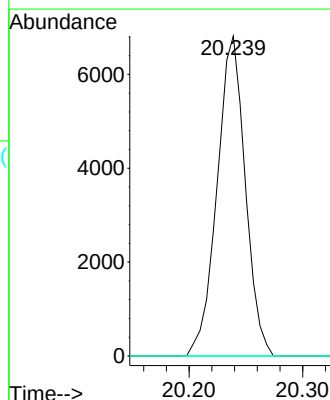
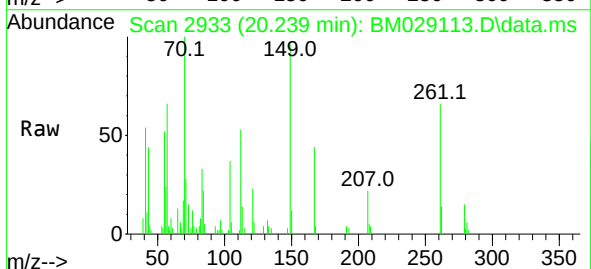
Tgt Ion:149 Resp: 11747

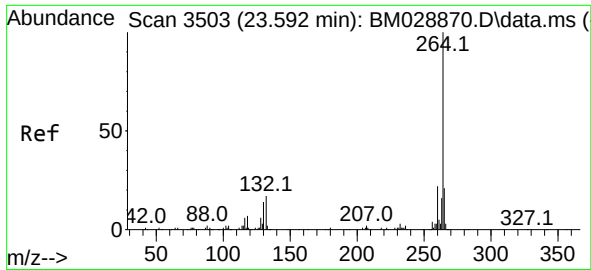
Ion Ratio Lower Upper

149 100

91 0.0 58.1 87.1#

206 0.0 18.7 28.1#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.362 min Scan# 3464
 Delta R.T. -0.006 min
 Lab File: BM029113.D
 Acq: 12 Mar 2021 16:14

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-3

Tgt Ion:	264	Resp:	33426
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.0	28.4
265	22.9	17.7	26.5

