

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
 Data File : BM029135.D
 Acq On : 15 Mar 2021 18:12
 Operator : CG/JU
 Sample : M1667-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DRUM-TOTE-COMP

Quant Time: Mar 15 18:44:32 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)

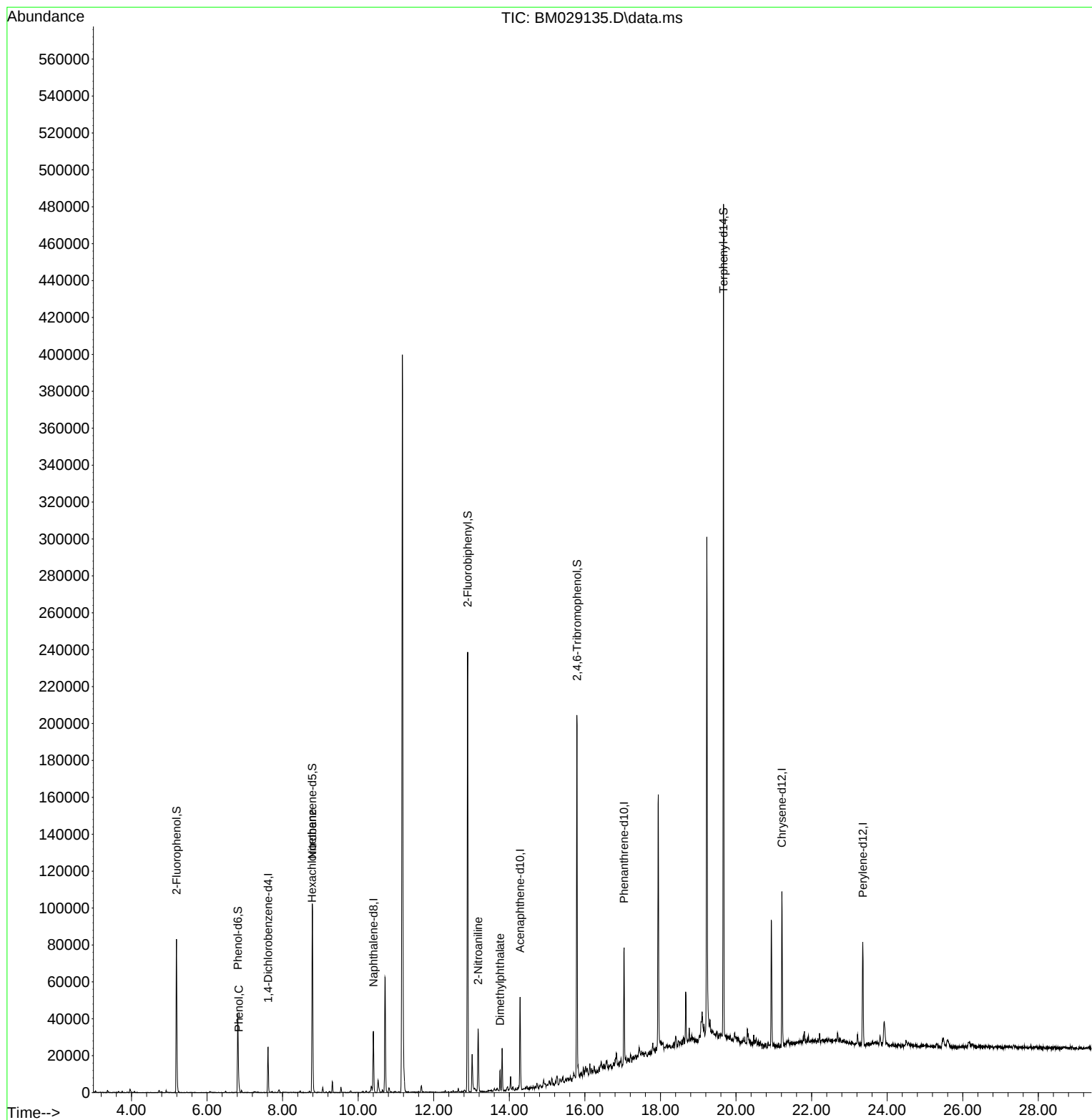
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	6728	20.00	ng	0.00
21) Naphthalene-d8	10.404	136	26192	20.00	ng	#-0.01
39) Acenaphthene-d10	14.286	164	15609	20.00	ng	-0.01
64) Phenanthrene-d10	17.039	188	33003	20.00	ng	0.00
76) Chrysene-d12	21.215	240	33032	20.00	ng	#-0.01
86) Perylene-d12	23.356	264	34556	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	31457	77.50	ng	0.00
7) Phenol-d6	6.816	99	21534	40.17	ng	0.00
23) Nitrobenzene-d5	8.787	82	49987	102.97	ng	-0.01
42) 2,4,6-Tribromophenol	15.792	330	28158	152.21	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	110035	93.85	ng	0.00
79) Terphenyl-d14	19.668	244	168589	94.24	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.840	94	1426	2.68	ng	85
18) Hexachloroethane	8.781	117	510	2.63	ng	# 1
48) 2-Nitroaniline	13.175	65	709	2.58	ng	# 10
50) Dimethylphthalate	13.757	163	6707	5.67	ng	# 98

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

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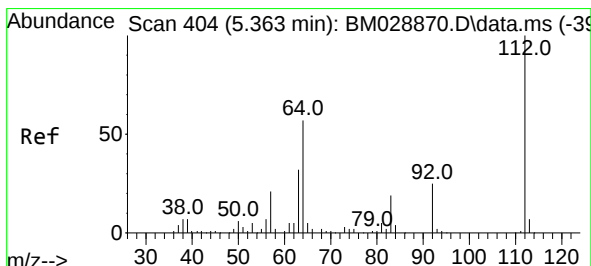
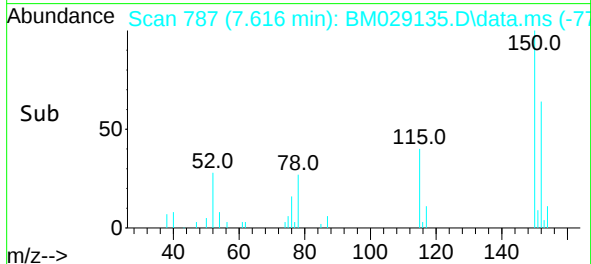
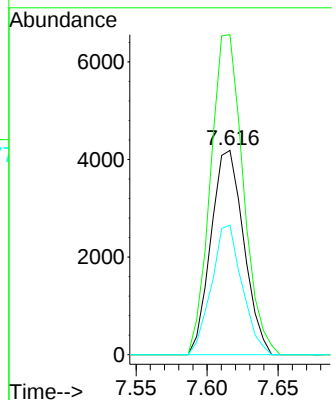
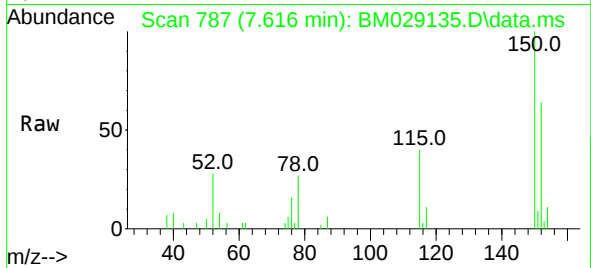




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 787
Delta R.T. -0.006 min
Lab File: BM029135.D
Acq: 15 Mar 2021 18:12

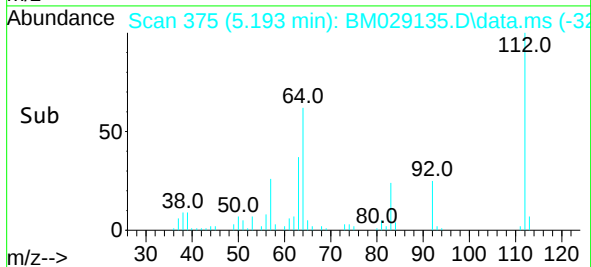
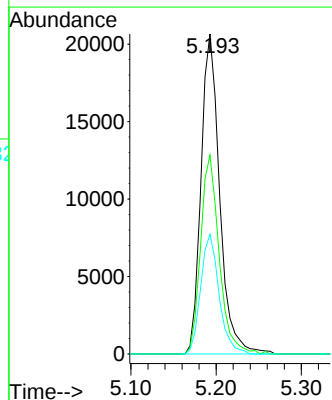
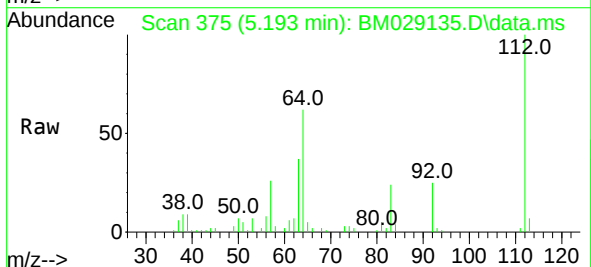
Instrument :
BNA_M
ClientSampleId :
DRUM-TOTE-COMP

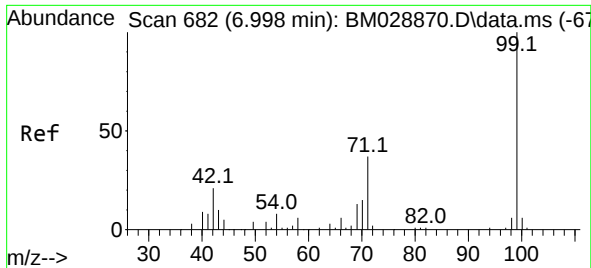
Tgt Ion:152 Resp: 6728
Ion Ratio Lower Upper
152 100
150 156.6 120.6 181.0
115 63.4 47.2 70.8



#5
2-Fluorophenol
Concen: 77.50 ng
RT: 5.193 min Scan# 375
Delta R.T. -0.006 min
Lab File: BM029135.D
Acq: 15 Mar 2021 18:12

Tgt Ion:112 Resp: 31457
Ion Ratio Lower Upper
112 100
64 62.1 50.6 76.0
63 37.4 31.0 46.6

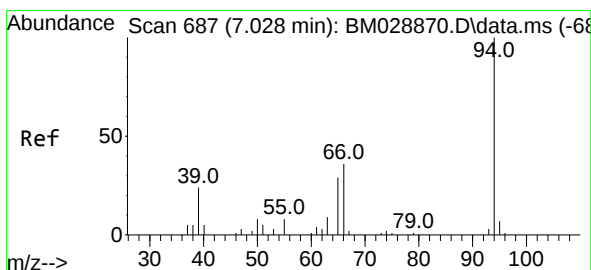
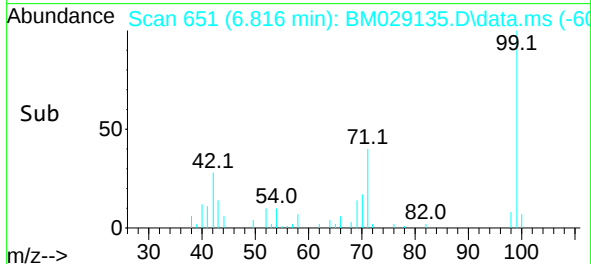
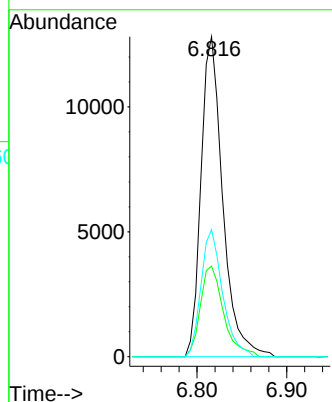
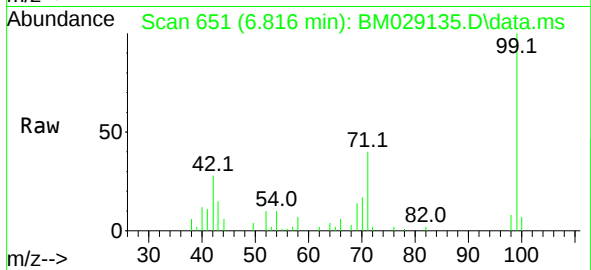




#7
Phenol-d6
Concen: 40.17 ng
RT: 6.816 min Scan# 651
Delta R.T. -0.006 min
Lab File: BM029135.D
Acq: 15 Mar 2021 18:12

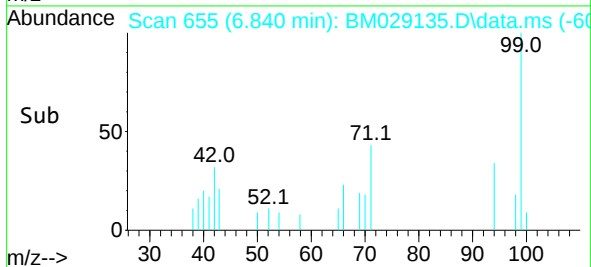
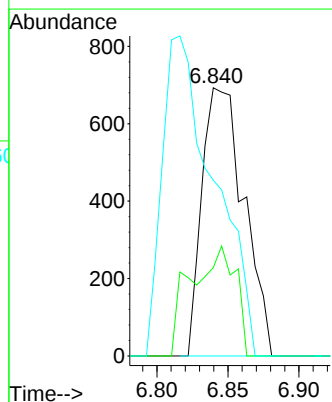
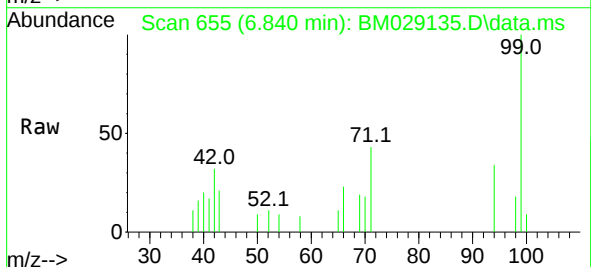
Instrument :
BNA_M
ClientSampleId :
DRUM-TOTE-COMP

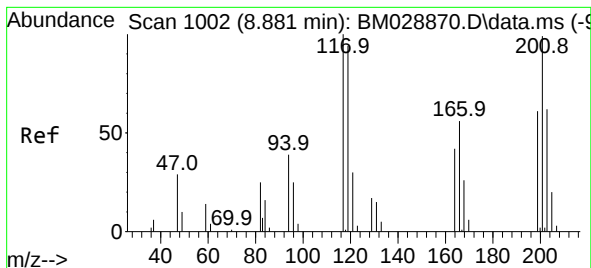
Tgt Ion: 99 Resp: 21534
Ion Ratio Lower Upper
99 100
42 28.3 13.5 20.3#
71 39.7 39.4 59.0



#10
Phenol
Concen: 2.68 ng
RT: 6.840 min Scan# 655
Delta R.T. -0.012 min
Lab File: BM029135.D
Acq: 15 Mar 2021 18:12

Tgt Ion: 94 Resp: 1426
Ion Ratio Lower Upper
94 100
65 32.9 16.4 56.4
66 65.5 30.2 70.2





#18

Hexachloroethane

Concen: 2.63 ng

RT: 8.781 min Scan# 985

Delta R.T. 0.100 min

Lab File: BM029135.D

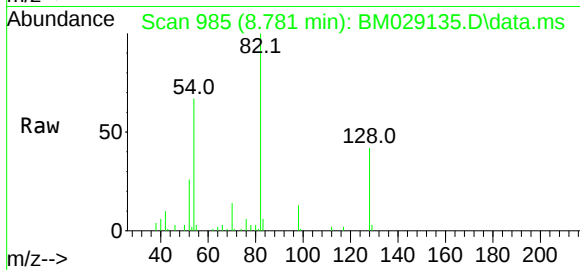
Acq: 15 Mar 2021 18:12

Instrument :

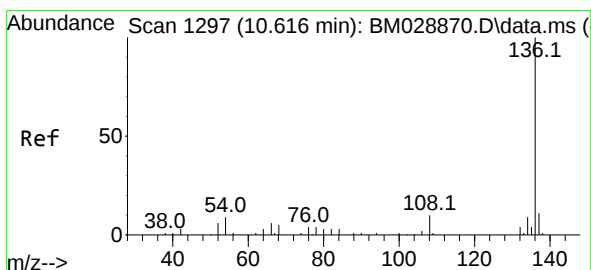
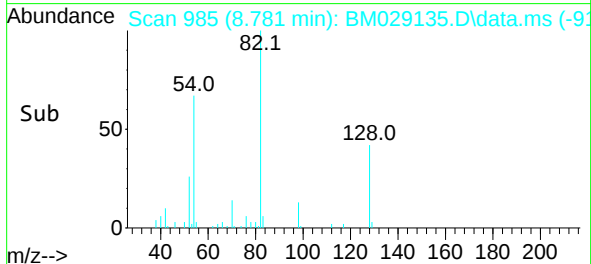
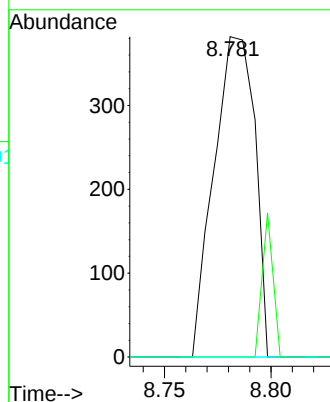
BNA_M

ClientSampleId :

DRUM-TOTE-COMP



Tgt Ion:	117	Resp:	510
Ion Ratio	Lower	Upper	
117	100		
119	0.0	73.1	109.7#
201	0.0	88.7	133.1#



#21

Naphthalene-d8

Concen: 20.00 ng

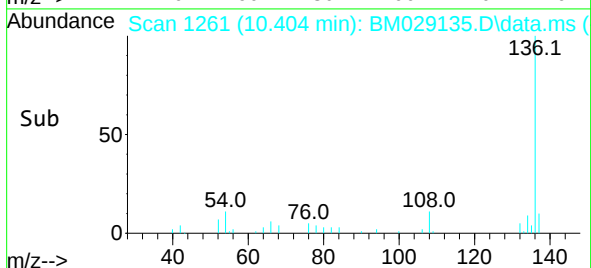
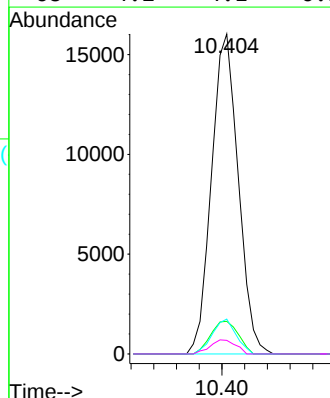
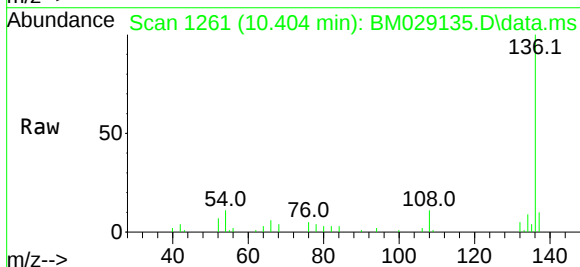
RT: 10.404 min Scan# 1261

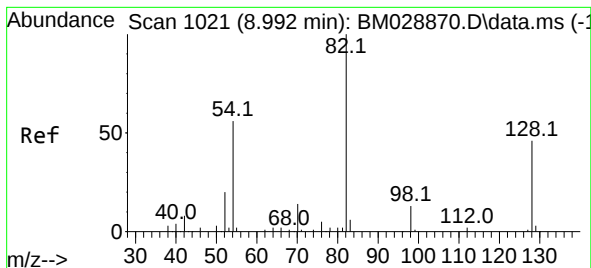
Delta R.T. -0.012 min

Lab File: BM029135.D

Acq: 15 Mar 2021 18:12

Tgt Ion:	136	Resp:	26192
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.6	12.8
54	10.9	4.6	7.0#
68	4.2	4.1	6.1





#23

Nitrobenzene-d5

Concen: 102.97 ng

RT: 8.787 min Scan# 986

Delta R.T. -0.012 min

Lab File: BM029135.D

Acq: 15 Mar 2021 18:12

Tgt Ion: 82 Resp: 49987

Ion Ratio Lower Upper

82 100

128 43.5 27.4 41.0#

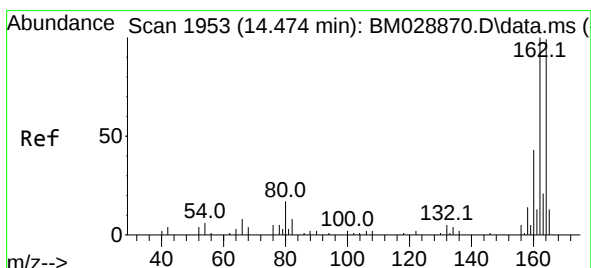
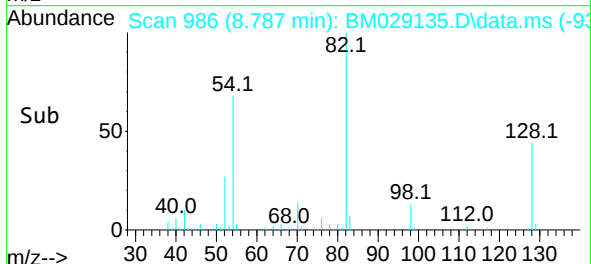
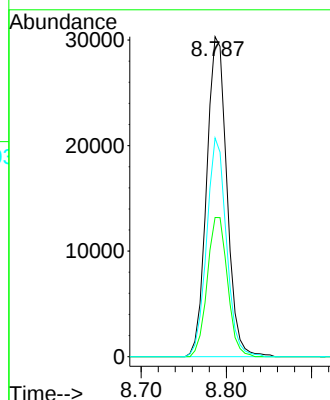
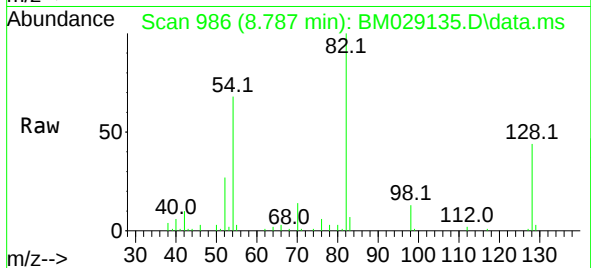
54 68.3 31.4 47.0#

Instrument :

BNA_M

ClientSampleId :

DRUM-TOTE-COMP



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.286 min Scan# 1921

Delta R.T. -0.012 min

Lab File: BM029135.D

Acq: 15 Mar 2021 18:12

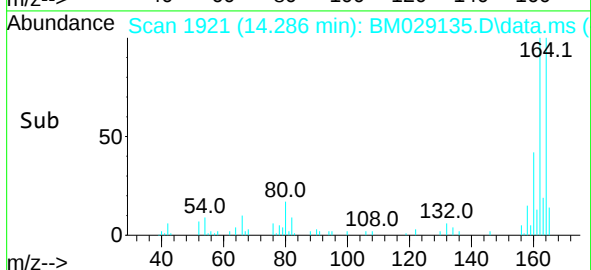
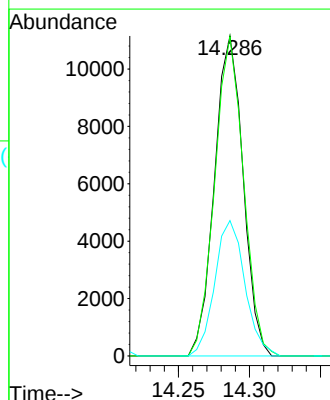
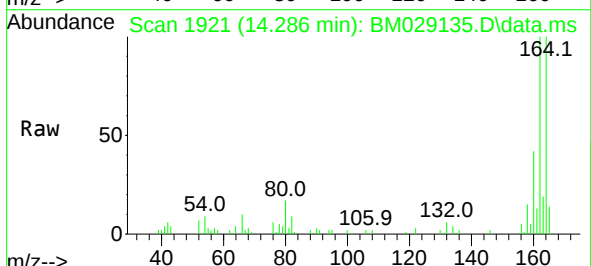
Tgt Ion:164 Resp: 15609

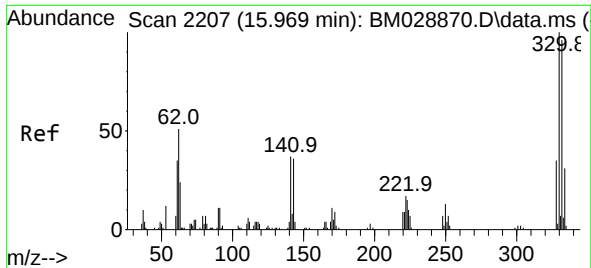
Ion Ratio Lower Upper

164 100

162 99.7 80.4 120.6

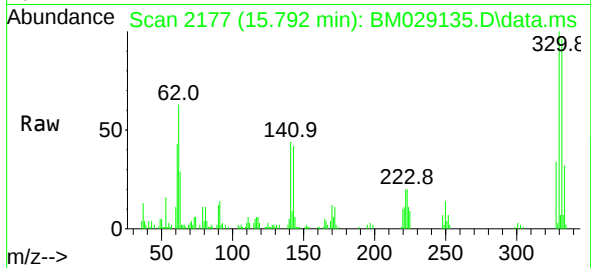
160 42.3 35.9 53.9



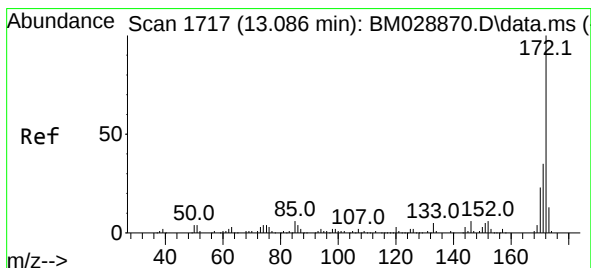
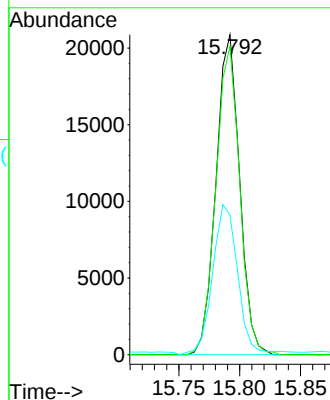
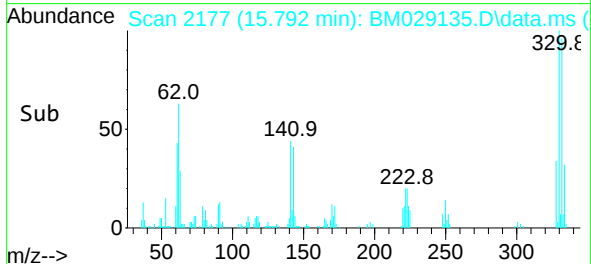


#42
2,4,6-Tribromophenol
Concen: 152.21 ng
RT: 15.792 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM029135.D
Acq: 15 Mar 2021 18:12

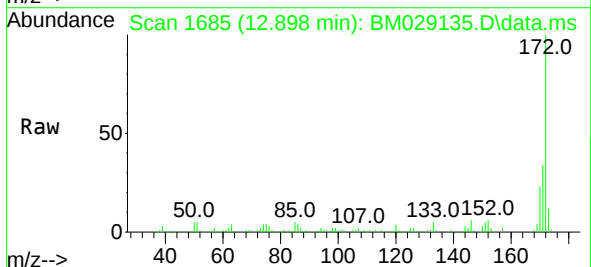
Instrument :
BNA_M
ClientSampleId :
DRUM-TOTE-COMP



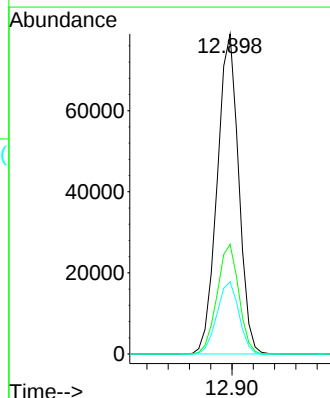
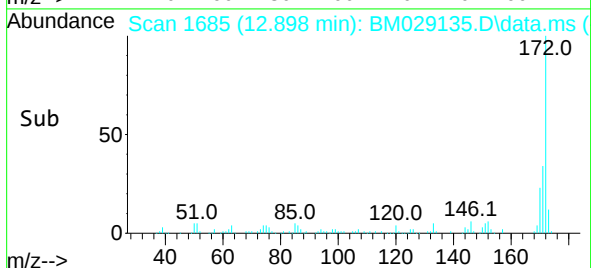
Tgt Ion:330 Resp: 28158
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.8
141 50.7 28.4 42.6#

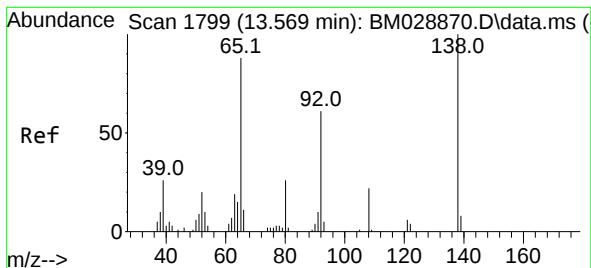


#45
2-Fluorobiphenyl
Concen: 93.85 ng
RT: 12.898 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BM029135.D
Acq: 15 Mar 2021 18:12



Tgt Ion:172 Resp: 110035
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 22.5 18.6 27.8

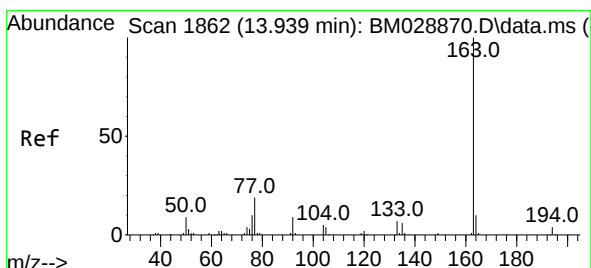
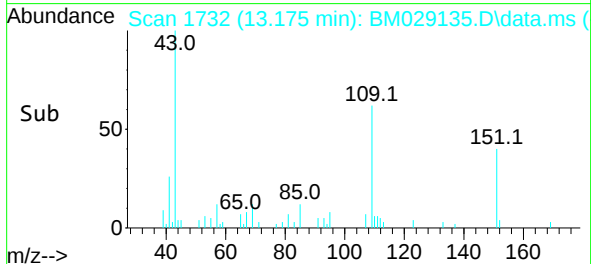
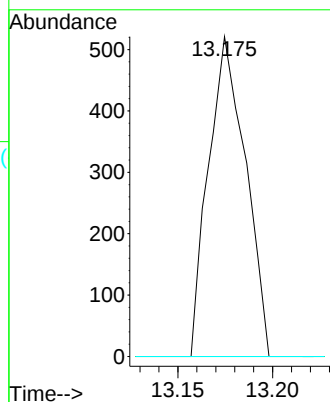
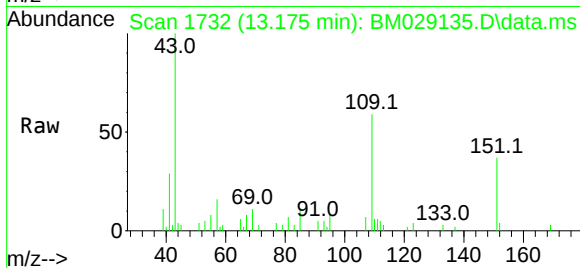




#48
2-Nitroaniline
Concen: 2.58 ng
RT: 13.175 min Scan# 1732
Delta R.T. -0.217 min
Lab File: BM029135.D
Acq: 15 Mar 2021 18:12

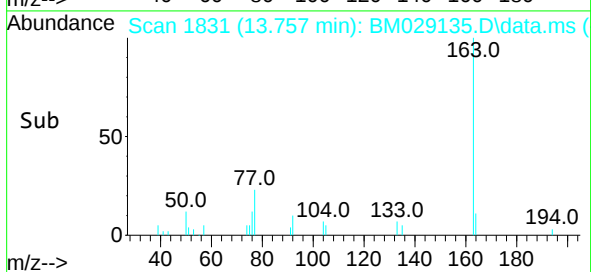
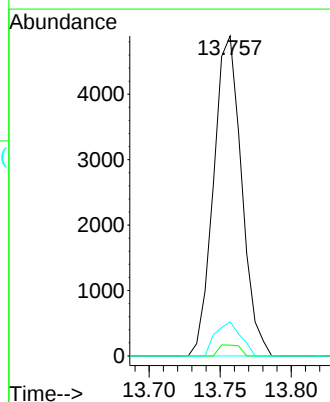
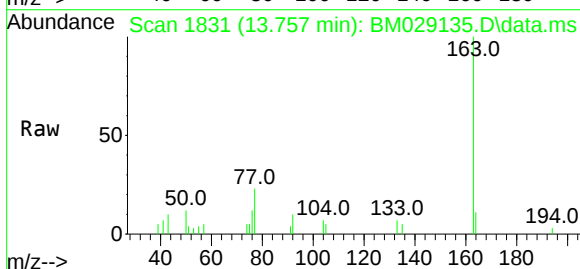
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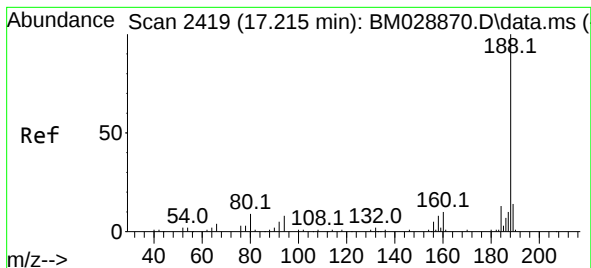
Tgt Ion: 65 Resp: 709
Ion Ratio Lower Upper
65 100
92 0.0 51.5 77.3#
138 0.0 72.7 109.1#



#50
Dimethylphthalate
Concen: 5.67 ng
RT: 13.757 min Scan# 1831
Delta R.T. -0.012 min
Lab File: BM029135.D
Acq: 15 Mar 2021 18:12

Tgt Ion: 163 Resp: 6707
Ion Ratio Lower Upper
163 100
194 3.4 3.4 5.2#
164 10.7 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: BM029135.D

Acq: 15 Mar 2021 18:12

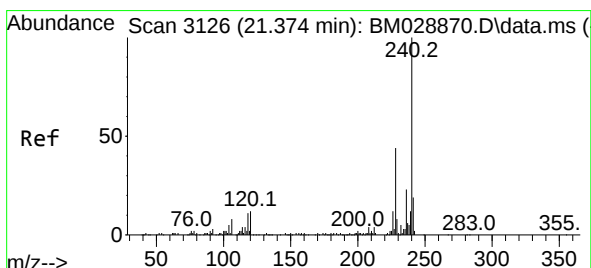
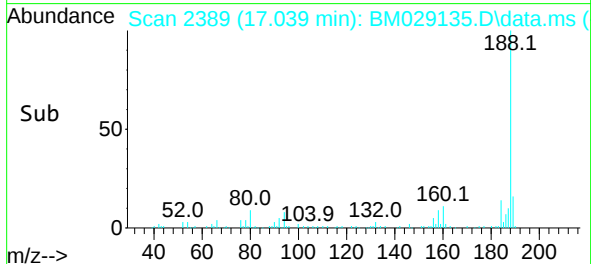
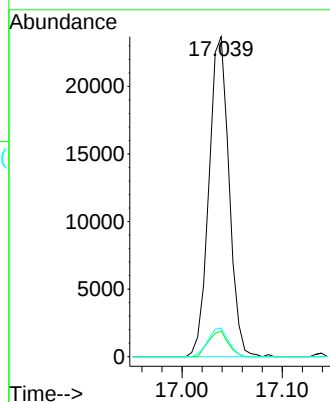
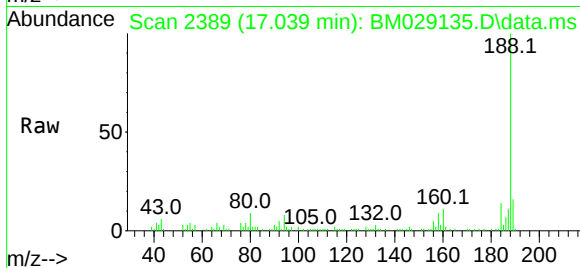
Instrument :

BNA_M

ClientSampleId :

DRUM-TOTE-COMP

Tgt Ion:188	Resp:	33003
Ion Ratio	Lower	Upper
188	100	
94	8.1	6.2 9.4
80	9.0	7.5 11.3



#76

Chrysene-d12

Concen: 20.00 ng

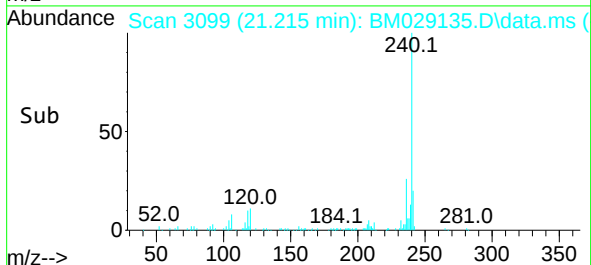
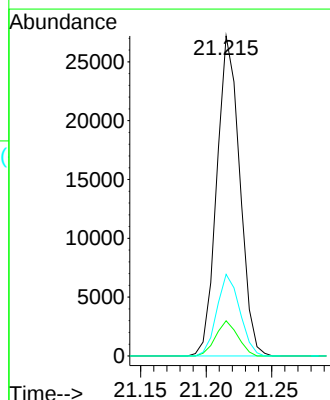
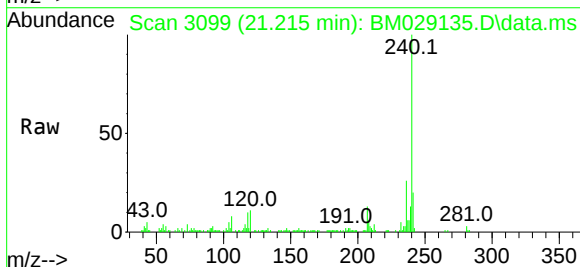
RT: 21.215 min Scan# 3099

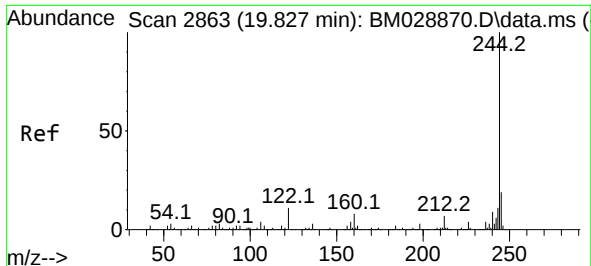
Delta R.T. -0.012 min

Lab File: BM029135.D

Acq: 15 Mar 2021 18:12

Tgt Ion:240	Resp:	33032
Ion Ratio	Lower	Upper
240	100	
120	11.0	6.4 9.6#
236	25.5	20.1 30.1

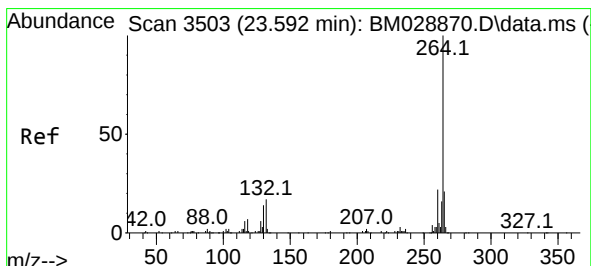
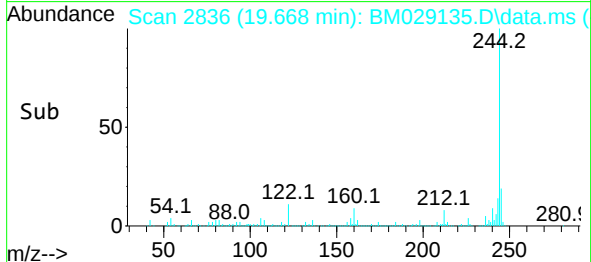
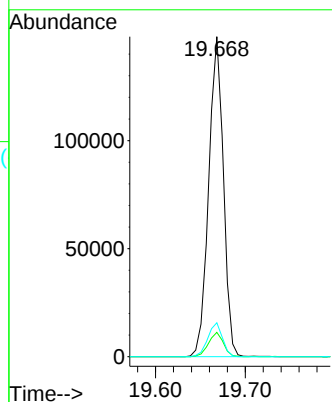
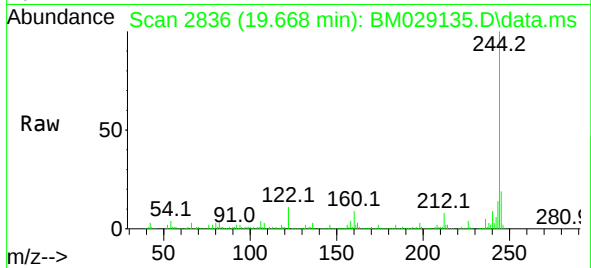




#79
Terphenyl-d14
Concen: 94.24 ng
RT: 19.668 min Scan# 2836
Delta R.T. -0.006 min
Lab File: BM029135.D
Acq: 15 Mar 2021 18:12

Instrument :
BNA_M
ClientSampleId :
DRUM-TOTE-COMP

Tgt Ion:244 Resp: 168589
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 10.6 6.5 9.7#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.356 min Scan# 3463
Delta R.T. -0.012 min
Lab File: BM029135.D
Acq: 15 Mar 2021 18:12

Tgt Ion:264 Resp: 34556
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.4
265 21.6 17.7 26.5

