

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
 Data File : BM028555.D
 Acq On : 26 Jan 2021 23:47
 Operator : CG/JU
 Sample : M1217-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 1726-1727

Quant Time: Jan 27 03:28:02 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 27 03:11:35 2021
 Response via : Initial Calibration

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

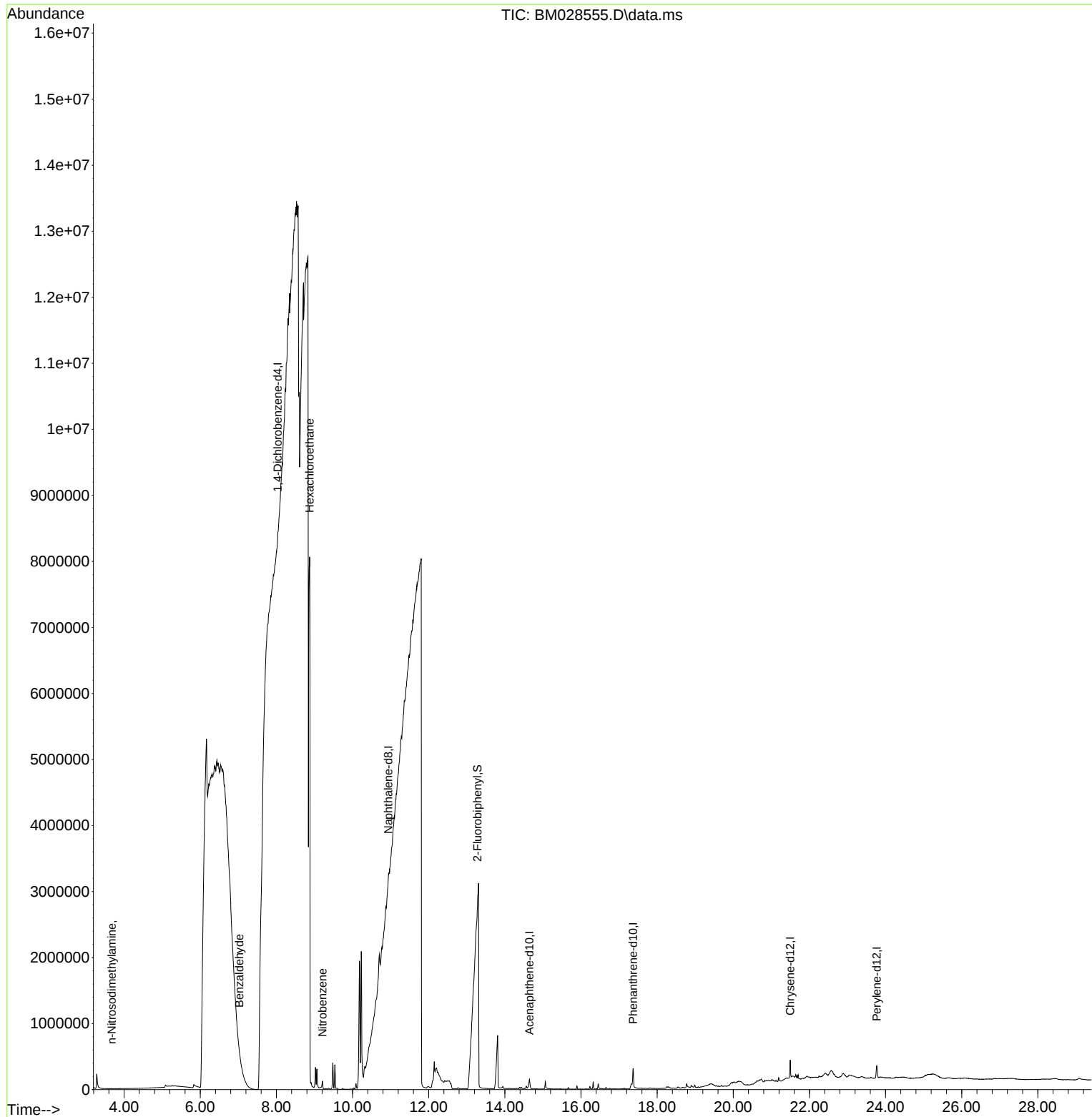
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	2162	20.00	ng	# 0.04
21) Naphthalene-d8	10.939	136	123761	20.00	ng	# 0.13
39) Acenaphthene-d10	14.645	164	70005	20.00	ng	0.01
64) Phenanthrene-d10	17.368	188	136183	20.00	ng	# 0.00
76) Chrysene-d12	21.497	240	121033	20.00	ng	# 0.00
86) Perylene-d12	23.768	264	119979	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ng	
7) Phenol-d6	0.000	99	0	0.00	ng	
23) Nitrobenzene-d5	9.463	82	695	0.27	ng	0.29
42) 2,4,6-Tribromophenol	16.133	330	1177	1.27	ng	0.02
45) 2-Fluorobiphenyl	13.280	172	71334	12.78	ng	0.02
79) Terphenyl-d14	19.951	244	4687	0.70	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.675	42	189	2.16	ng	# 1
9) Benzaldehyde	7.028	77	304	3.13	ng	# 9
18) Hexachloroethane	8.875	117	1889853	27647.93	ng	# 1
24) Nitrobenzene	9.210	77	10035	3.98	ng	# 46

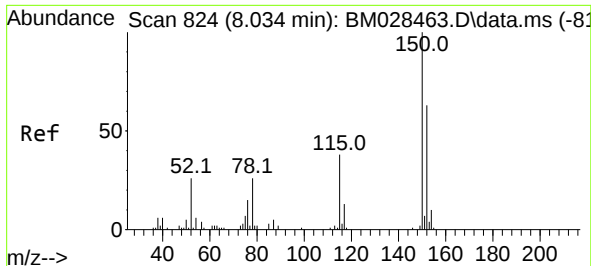
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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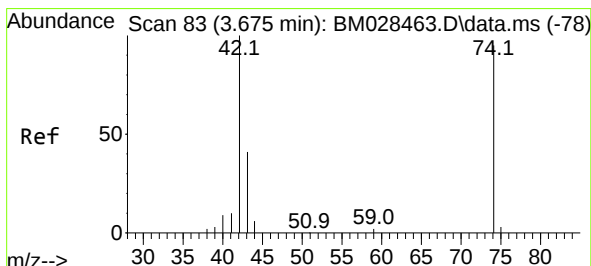
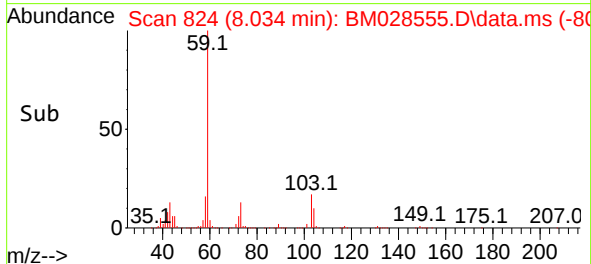
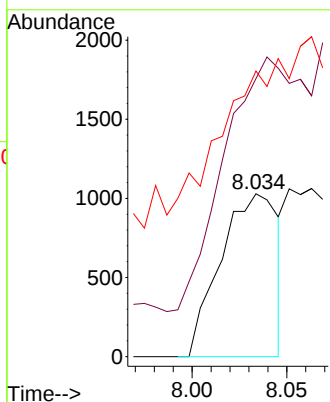
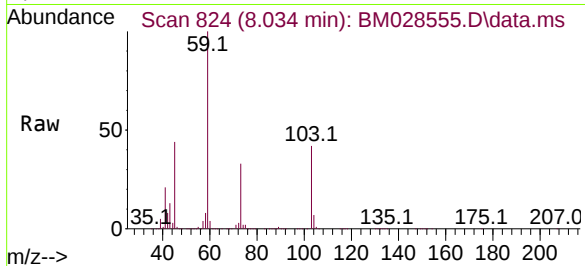




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.034 min Scan# 824
Delta R.T. 0.041 min
Lab File: BM028555.D
Acq: 26 Jan 2021 23:47

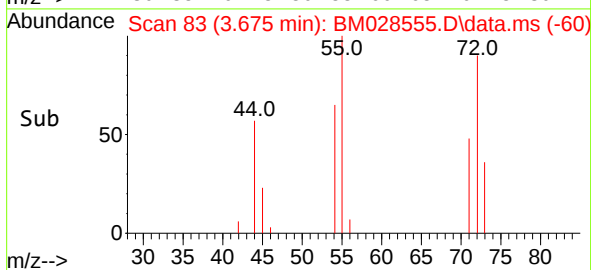
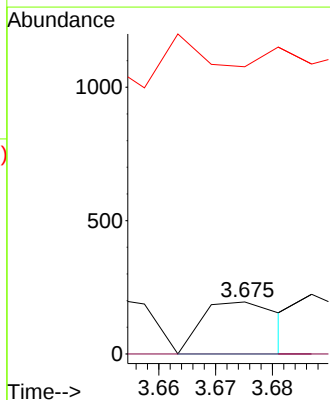
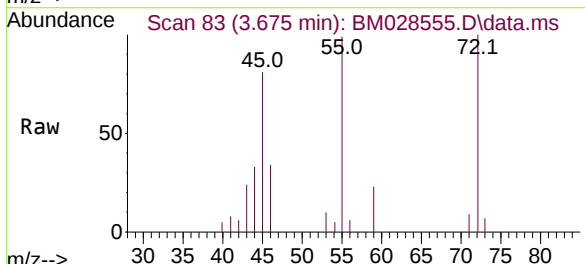
Instrument :
BNA_M
ClientSampleId :
1726-1727

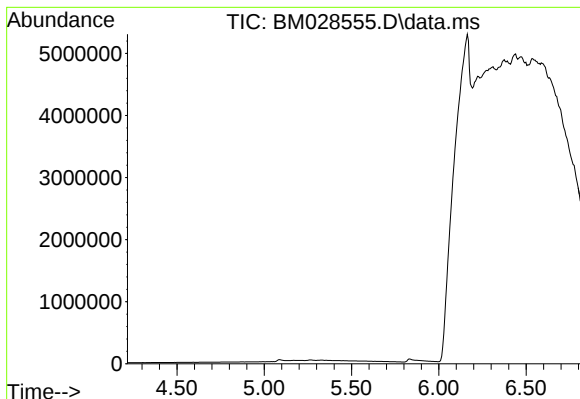
Tgt Ion:152 Resp: 2162
Ion Ratio Lower Upper
152 100
150 170.7 120.6 181.0
115 175.4 47.2 70.8#



#4
n-Nitrosodimethylamine
Concen: 2.16 ng
RT: 3.675 min Scan# 83
Delta R.T. 0.035 min
Lab File: BM028555.D
Acq: 26 Jan 2021 23:47

Tgt Ion: 42 Resp: 189
Ion Ratio Lower Upper
42 100
74 0.0 127.8 191.6#
44 552.3 4.1 6.1#



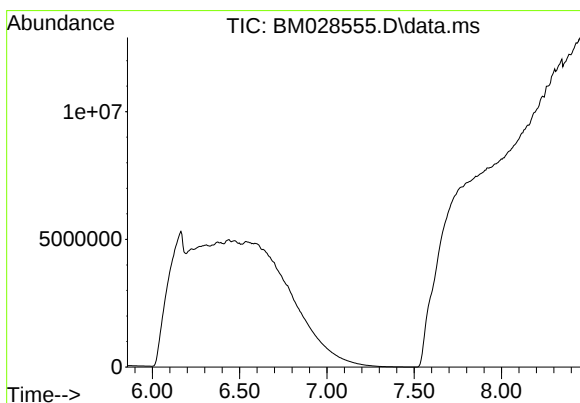
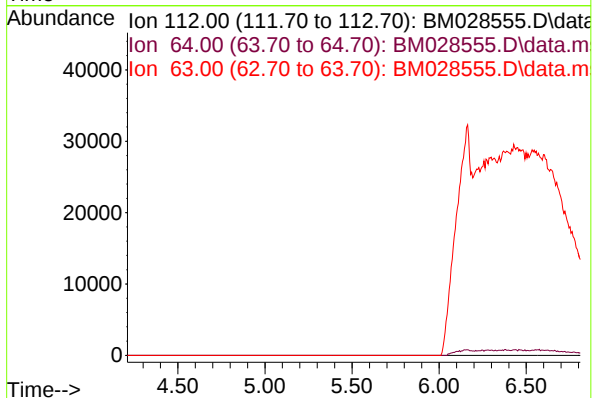


#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.51 min
 Lab File: BM028555.D
 Acq: 26 Jan 2021 23:47

Instrument :
 BNA_M
 ClientSampleId :
 1726-1727

Tgt Ion: 112

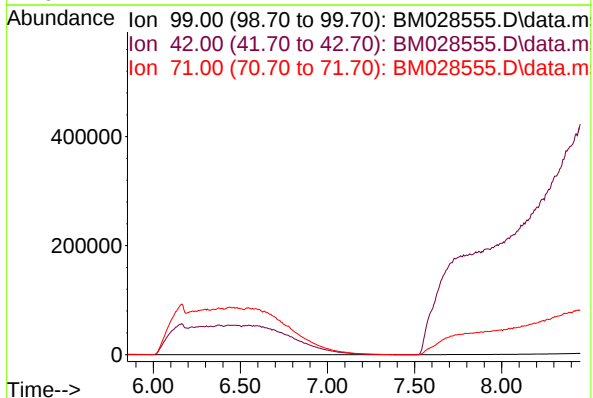
Sig	Exp Ratio
112	100
64	63.3
63	38.8

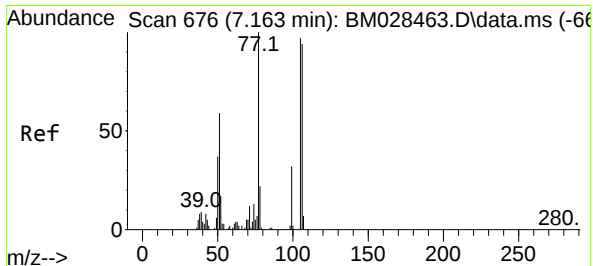


#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 7.15 min
 Lab File: BM028555.D
 Acq: 26 Jan 2021 23:47

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	16.9
71	49.2

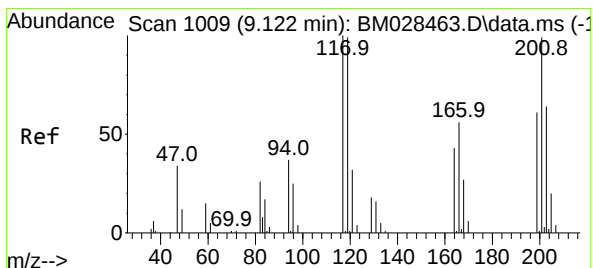
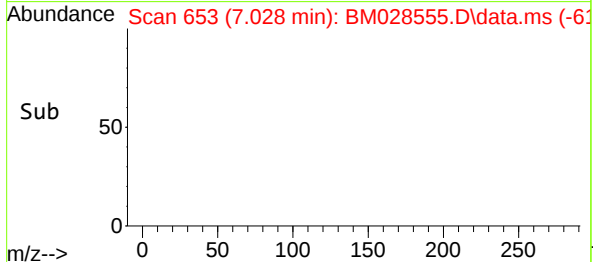
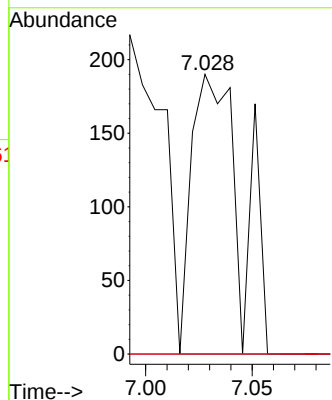
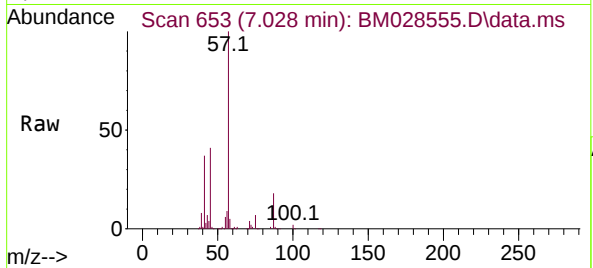




#9
Benzaldehyde
Concen: 3.13 ng
RT: 7.028 min Scan# 653
Delta R.T. -0.094 min
Lab File: BM028555.D
Acq: 26 Jan 2021 23:47

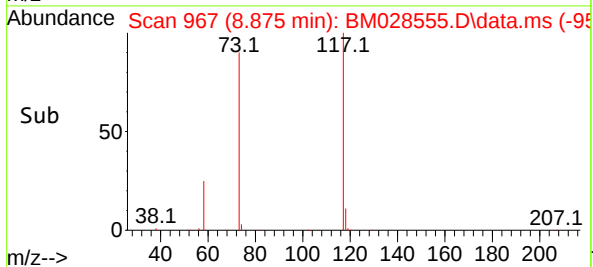
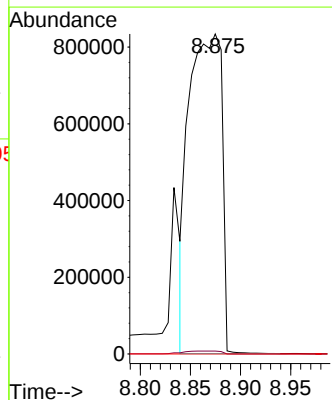
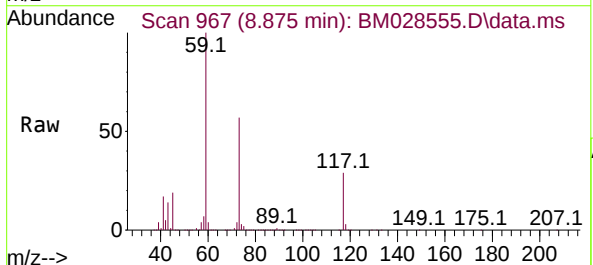
Instrument :
BNA_M
ClientSampleId :
1726-1727

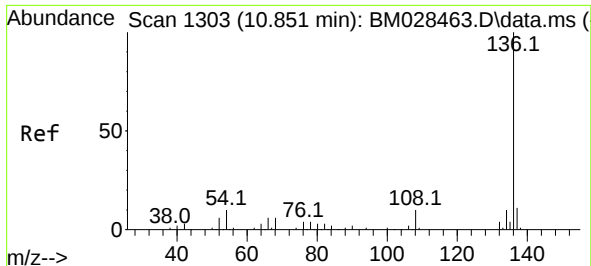
Tgt Ion: 77 Resp: 304
Ion Ratio Lower Upper
77 100
105 0.0 64.7 104.7#
106 0.0 57.5 97.5#



#18
Hexachloroethane
Concen: 27647.93 ng
RT: 8.875 min Scan# 967
Delta R.T. -0.200 min
Lab File: BM028555.D
Acq: 26 Jan 2021 23:47

Tgt Ion: 117 Resp: 1889853
Ion Ratio Lower Upper
117 100
119 0.9 73.1 109.7#
201 0.0 88.7 133.1#

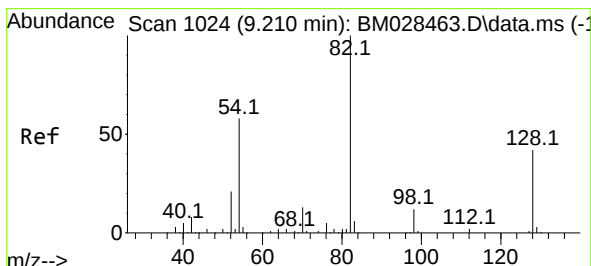
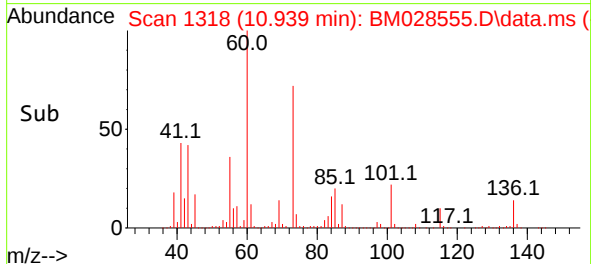
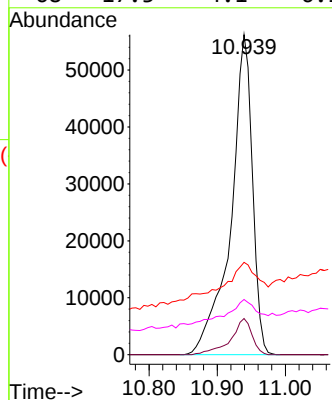
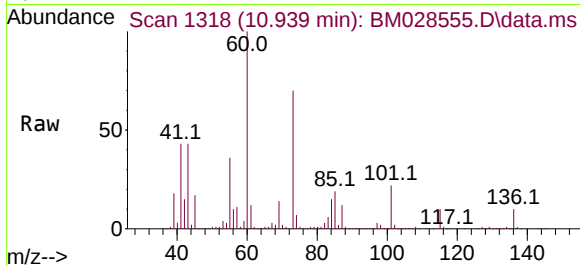




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.939 min Scan# 1318
Delta R.T. 0.135 min
Lab File: BM028555.D
Acq: 26 Jan 2021 23:47

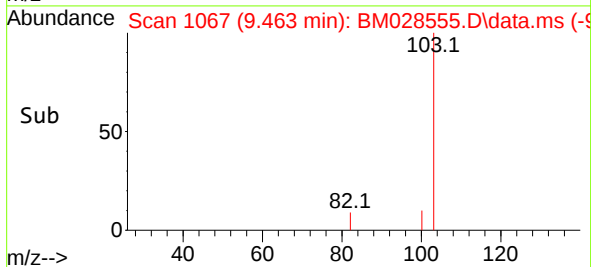
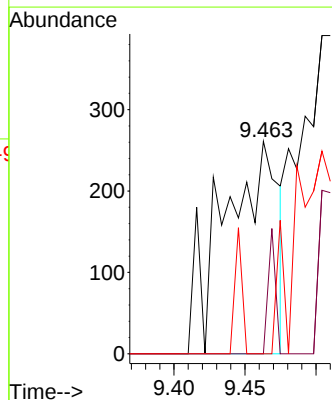
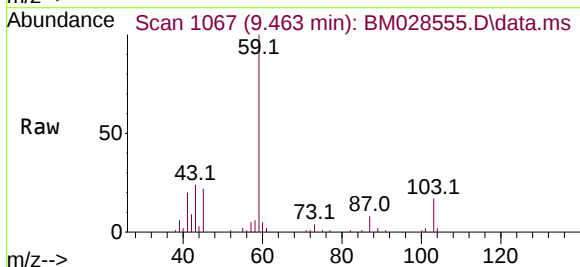
Instrument :
BNA_M
ClientSampleId :
1726-1727

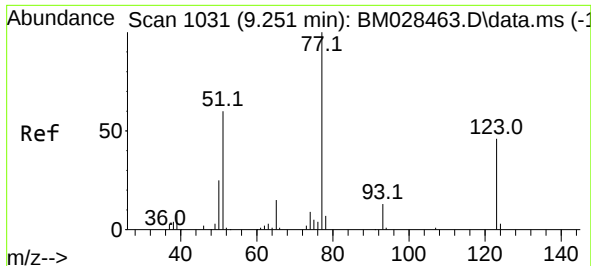
Tgt Ion:	136	Resp:	123761
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	28.8	4.6	7.0#
68	17.3	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 0.27 ng
RT: 9.463 min Scan# 1067
Delta R.T. 0.294 min
Lab File: BM028555.D
Acq: 26 Jan 2021 23:47

Tgt Ion:	82	Resp:	695
Ion	Ratio	Lower	Upper
82	100		
128	0.0	27.4	41.0#
54	0.0	31.4	47.0#

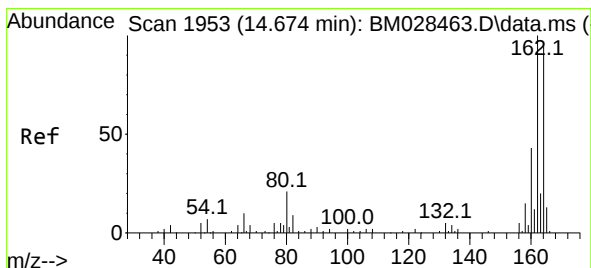
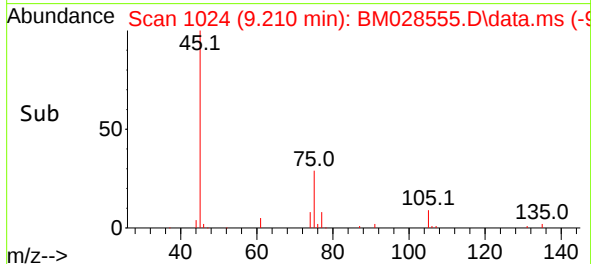
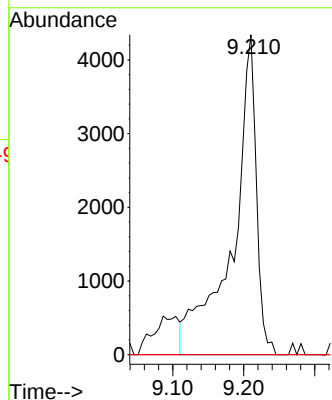
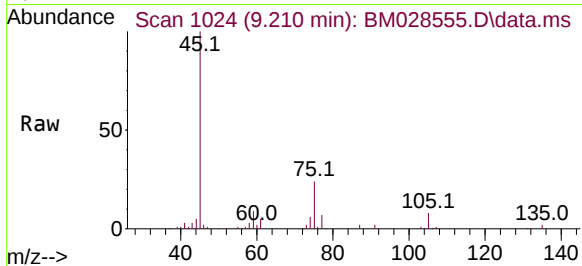




#24
Nitrobenzene
Concen: 3.98 ng
RT: 9.210 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BM028555.D
Acq: 26 Jan 2021 23:47

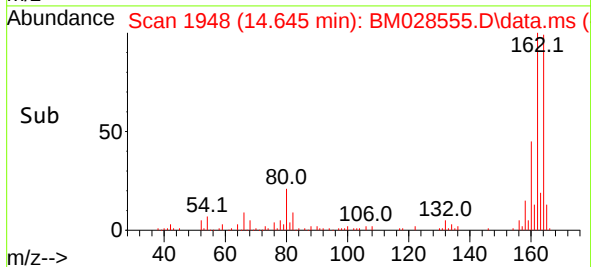
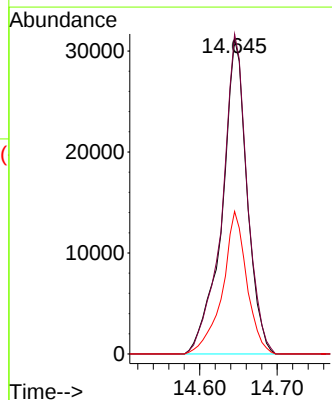
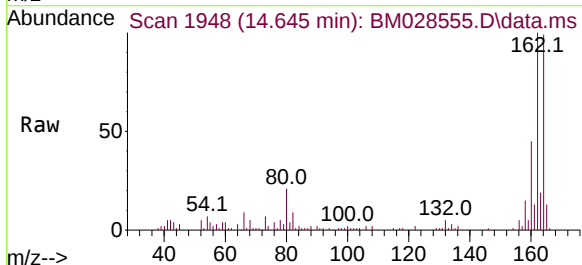
Instrument :
BNA_M
ClientSampleId :
1726-1727

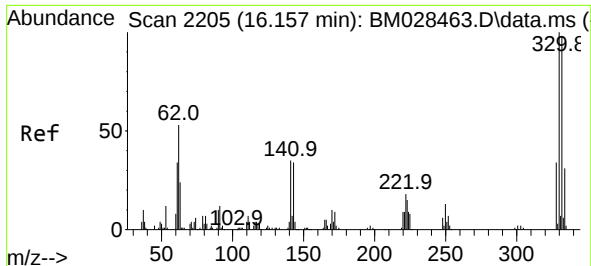
Tgt Ion: 77 Resp: 10035
Ion Ratio Lower Upper
77 100
123 0.0 29.1 43.7#
65 0.0 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.645 min Scan# 1948
Delta R.T. 0.011 min
Lab File: BM028555.D
Acq: 26 Jan 2021 23:47

Tgt Ion: 164 Resp: 70005
Ion Ratio Lower Upper
164 100
162 101.5 80.4 120.6
160 45.2 35.9 53.9

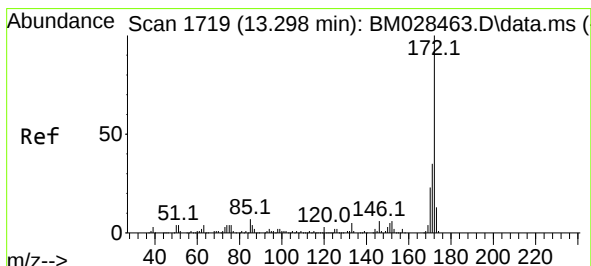
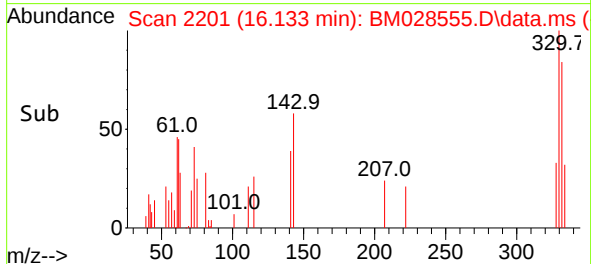
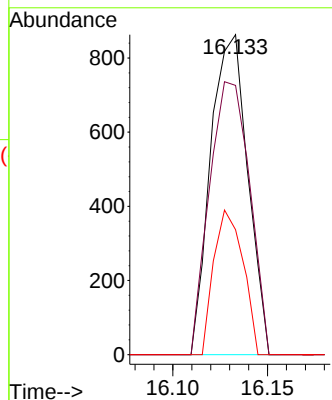
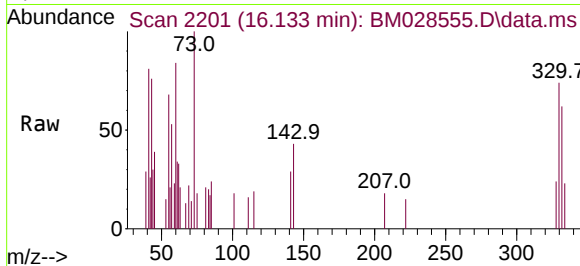




#42
2,4,6-Tribromophenol
Concen: 1.27 ng
RT: 16.133 min Scan# 2201
Delta R.T. 0.017 min
Lab File: BM028555.D
Acq: 26 Jan 2021 23:47

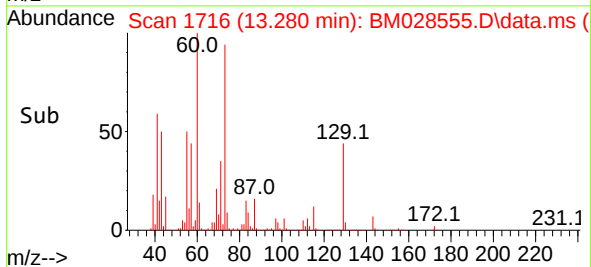
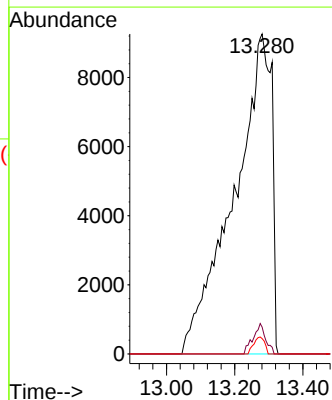
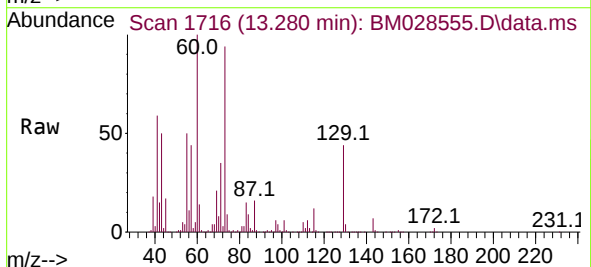
Instrument :
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1726-1727

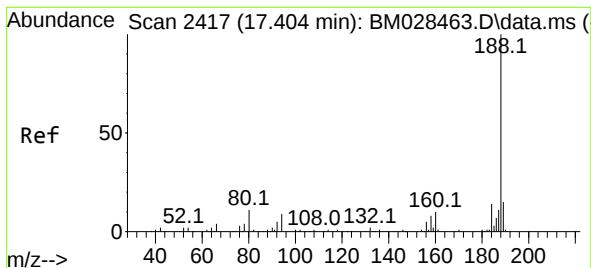
Tgt Ion:330 Resp: 1177
Ion Ratio Lower Upper
330 100
332 92.4 77.8 116.8
141 35.7 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 12.78 ng
RT: 13.280 min Scan# 1716
Delta R.T. 0.023 min
Lab File: BM028555.D
Acq: 26 Jan 2021 23:47

Tgt Ion:172 Resp: 71334
Ion Ratio Lower Upper
172 100
171 8.4 27.8 41.8#
170 4.8 18.6 27.8#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.368 min Scan# 2411

Delta R.T. 0.006 min

Lab File: BM028555.D

Acq: 26 Jan 2021 23:47

Tgt Ion:188 Resp: 136183

Ion Ratio Lower Upper

188 100

94 10.1 6.2 9.4#

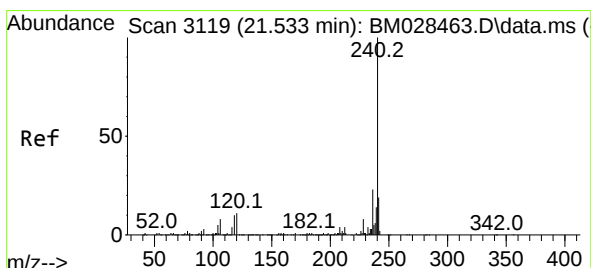
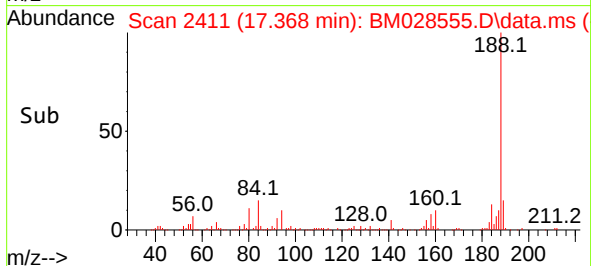
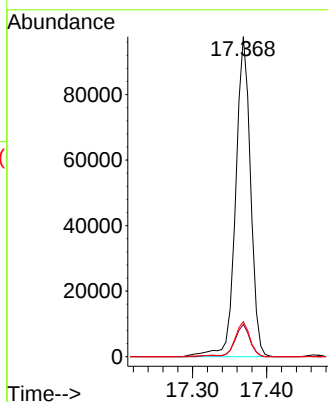
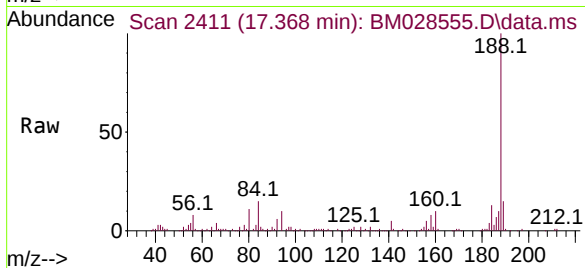
80 11.0 7.5 11.3

Instrument :

BNA_M

ClientSampleId :

1726-1727



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.497 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BM028555.D

Acq: 26 Jan 2021 23:47

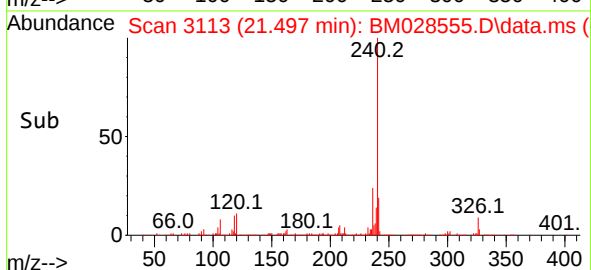
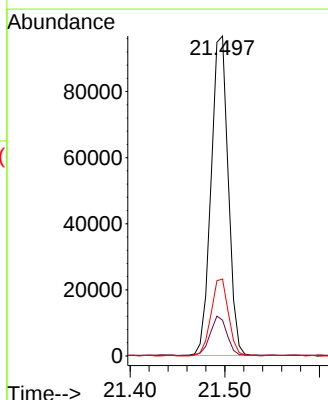
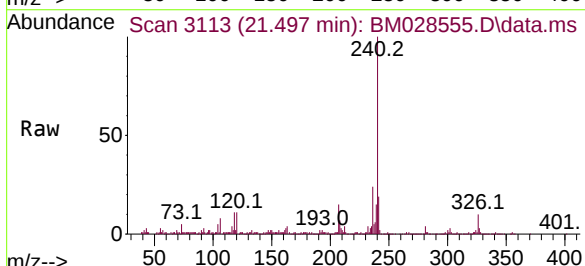
Tgt Ion:240 Resp: 121033

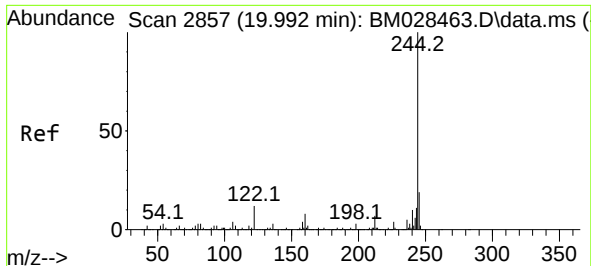
Ion Ratio Lower Upper

240 100

120 11.2 6.4 9.6#

236 24.1 20.1 30.1

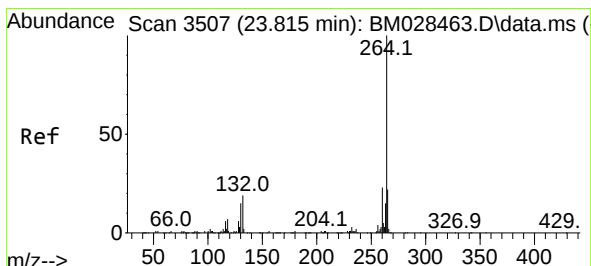
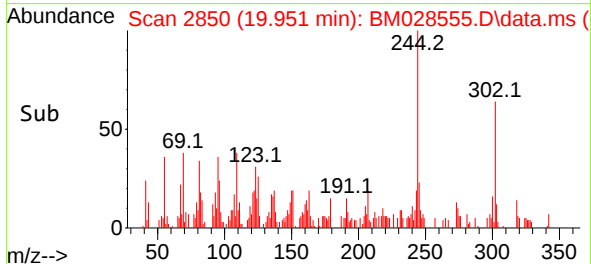
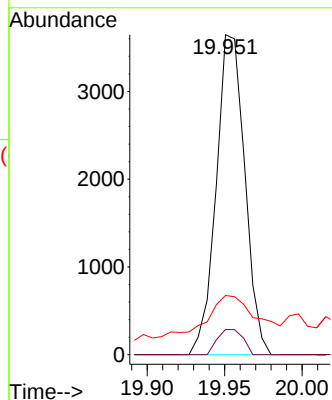
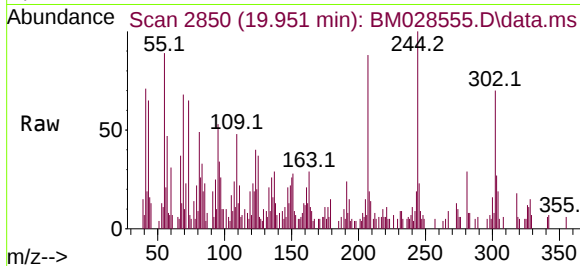




#79
 Terphenyl-d14
 Concen: 0.70 ng
 RT: 19.951 min Scan# 2850
 Delta R.T. -0.006 min
 Lab File: BM028555.D
 Acq: 26 Jan 2021 23:47

Instrument :
 BNA_M
 ClientSampleId :
 1726-1727

Tgt Ion:244 Resp: 4687
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 18.5 6.5 9.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.768 min Scan# 3499
 Delta R.T. 0.006 min
 Lab File: BM028555.D
 Acq: 26 Jan 2021 23:47

Tgt Ion:264 Resp: 119979
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.0 28.4
 265 22.3 17.7 26.5

