

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
 Data File : BM026854.D
 Acq On : 23 Jul 2020 16:54
 Operator : JU/CG
 Sample : L3381-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 23 17:35:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 14:16:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	96133	20.00	ng	-0.02
21) Naphthalene-d8	10.04	136	373664	20.00	ng	-0.01
39) Acenaphthene-d10	13.95	164	216296	20.00	ng	-0.01
64) Phenanthrene-d10	16.71	188	447240	20.00	ng	-0.01
76) Chrysene-d12	20.94	240	483024	20.00	ng	0.00
86) Perylene-d12	23.01	264	511978	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.92	112	474891	82.80	ng	-0.02
7) Phenol-d6	6.50	99	640081	70.04	ng	-0.02
23) Nitrobenzene-d5	8.43	82	433039	49.44	ng	-0.02
42) 2,4,6-Tribromophenol	15.46	330	218794	69.44	ng	-0.01
45) 2-Fluorobiphenyl	12.55	172	829071	50.97	ng	-0.01
79) Terphenyl-d14	19.38	244	1169621	47.65	ng	0.00

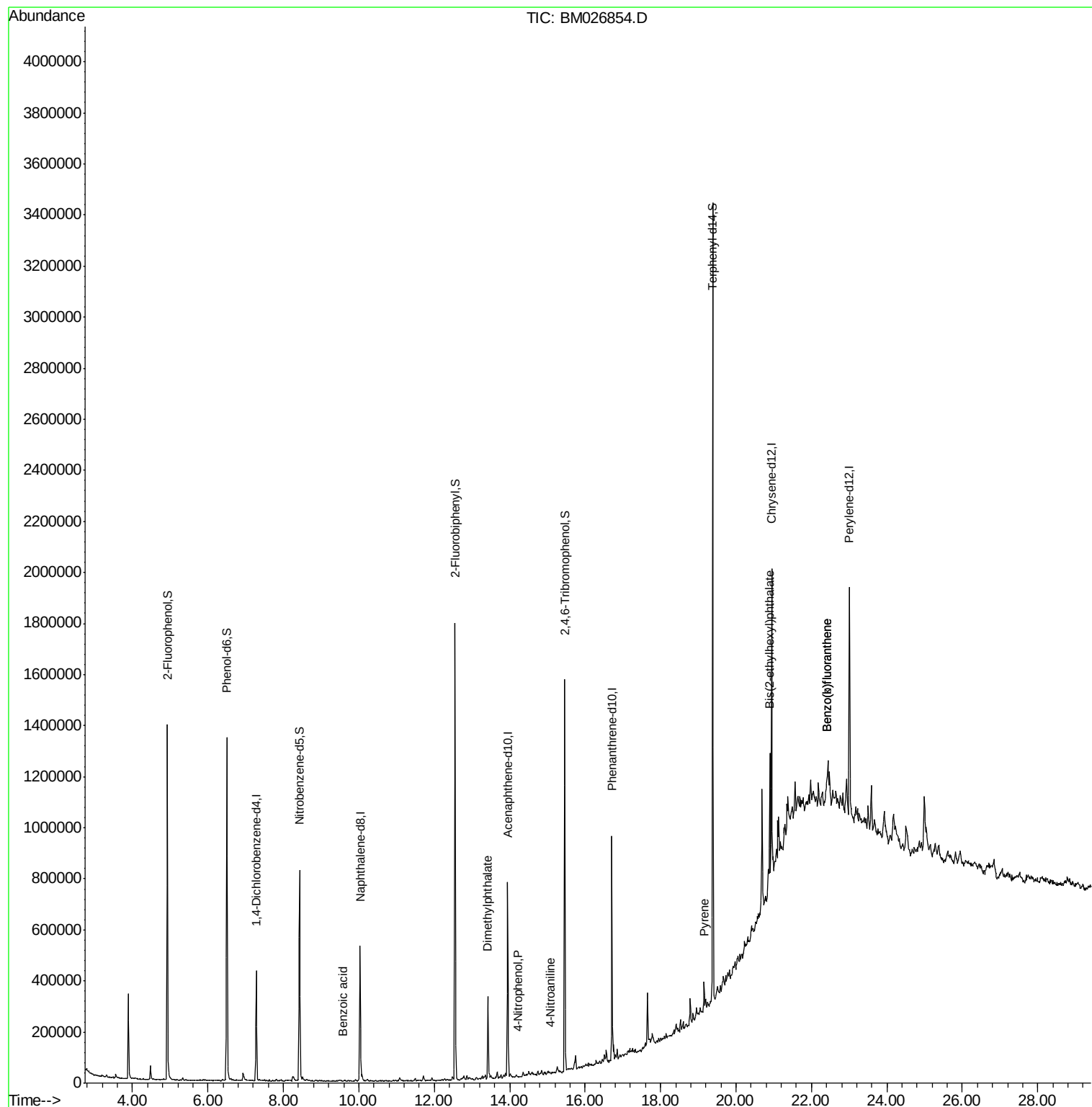
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
32) Benzoic acid	9.57	122	57	7.109	ng	# 3
50) Dimethylphthalate	13.42	163	175307	9.476	ng	97
56) 4-Nitrophenol	14.23	139	111	3.942	ng	# 1
62) 4-Nitroaniline	15.06	138	64	3.154	ng	# 61
78) Pyrene	19.15	202	68442	2.249	ng	97
84) Bis(2-ethylhexyl)phthalate	20.89	149	211804	9.683	ng	98
88) Benzo(b)fluoranthene	22.41	252	90903	2.695	ng	# 74
89) Benzo(k)fluoranthene	22.41	252	90903	2.747	ng	# 74

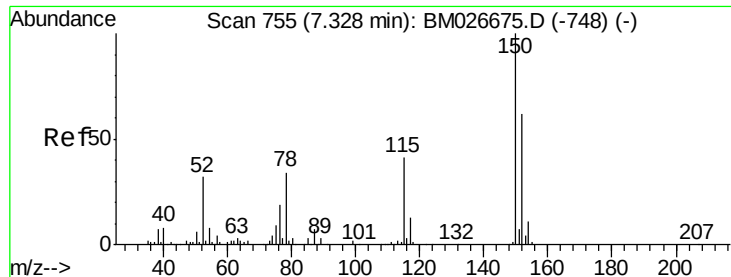
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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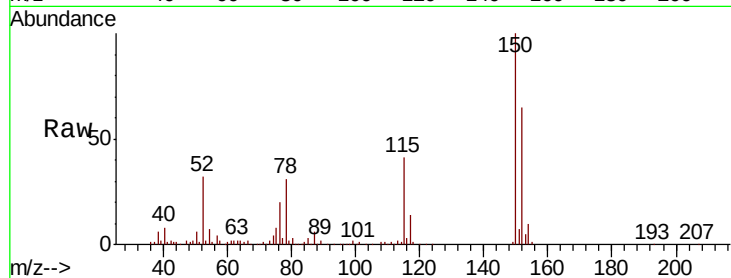


#1

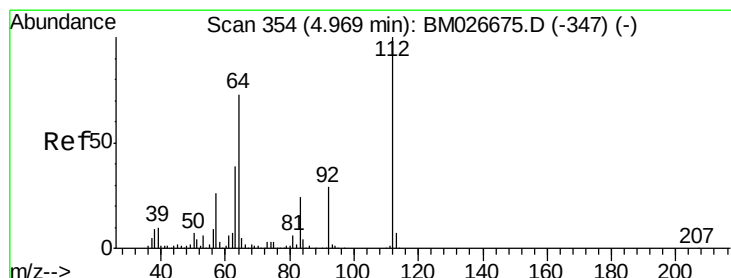
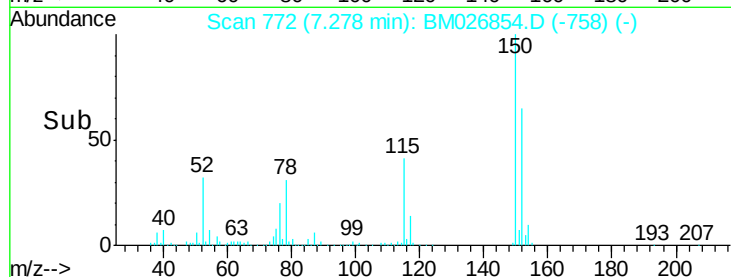
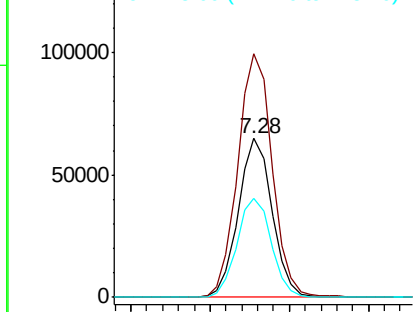
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.28 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM026854.D
Acq: 23 Jul 2020 16:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	128.1	192.1
115	62.7	52.2	78.4



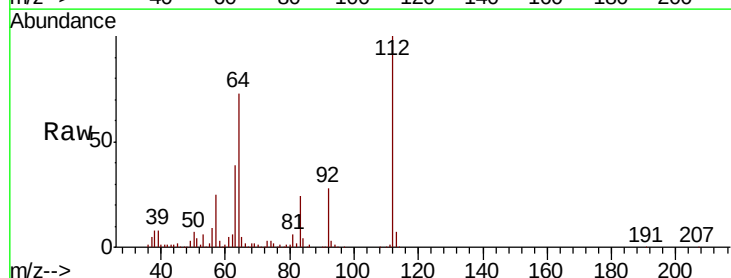
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



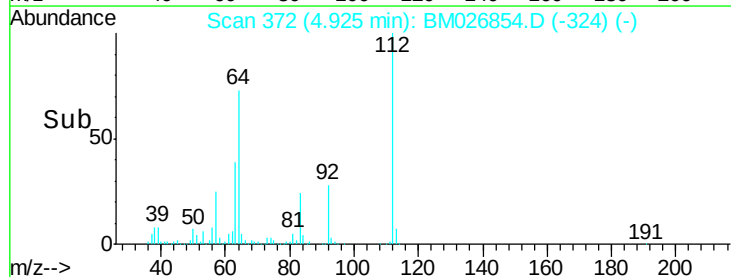
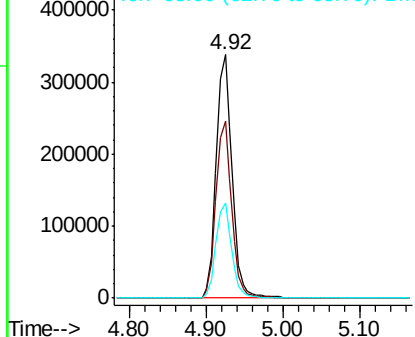
#5

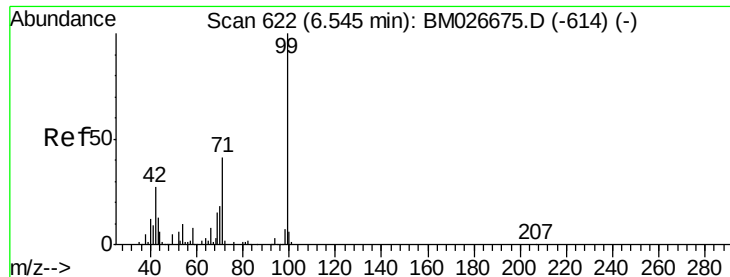
2-Fluorophenol
Concen: 82.798 ng
RT: 4.92 min Scan# 372
Delta R.T. -0.02 min
Lab File: BM026854.D
Acq: 23 Jul 2020 16:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.9	58.4	87.6
63	39.2	31.5	47.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 70.045 ng

RT: 6.50 min Scan# 639

Delta R.T. -0.02 min

Lab File: BM026854.D

Acq: 23 Jul 2020 16:54

Instrument :

BNA_M

ClientSampled :

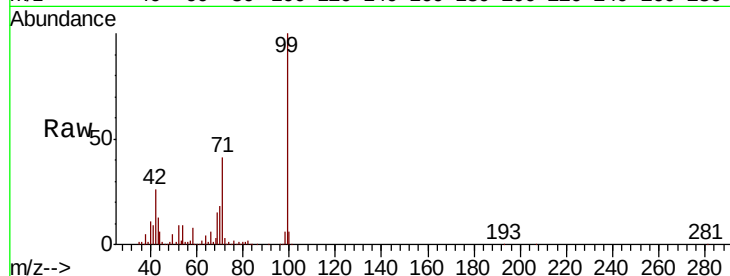
Tot Ion: 99 Resp: 640081

Ion Ratio Lower Upper

99 100

42 25.8 21.7 32.5

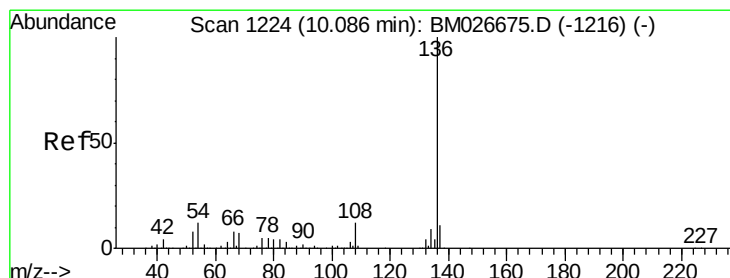
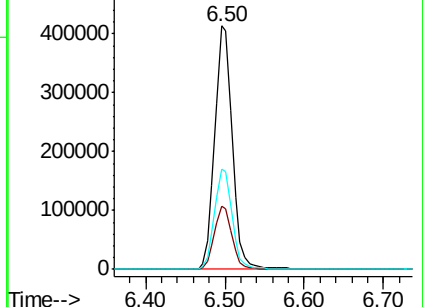
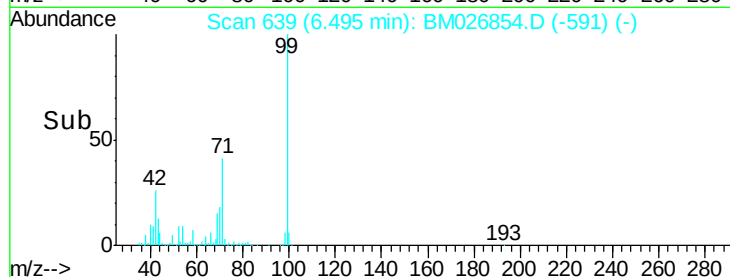
71 41.1 33.2 49.8



Abundance Ion 99.00 (98.70 to 99.70): BM026675.D (-614) (-)

Ion 42.00 (41.70 to 42.70): BM026675.D (-614) (-)

Ion 71.00 (70.70 to 71.70): BM026675.D (-614) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.04 min Scan# 1241

Delta R.T. -0.01 min

Lab File: BM026854.D

Acq: 23 Jul 2020 16:54

Tgt Ion: 136 Resp: 373664

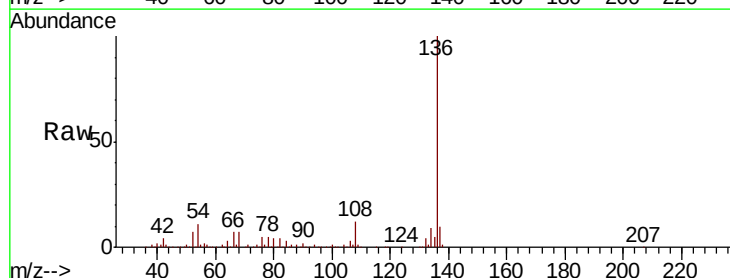
Ion Ratio Lower Upper

136 100

137 10.2 8.6 12.8

54 11.2 9.8 14.6

68 7.0 5.8 8.6

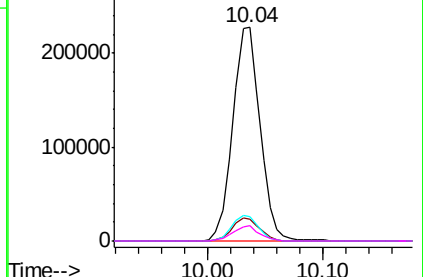
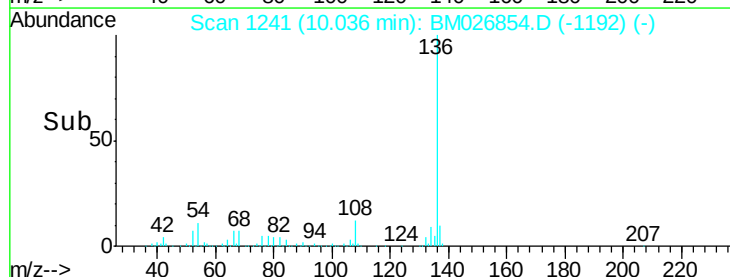


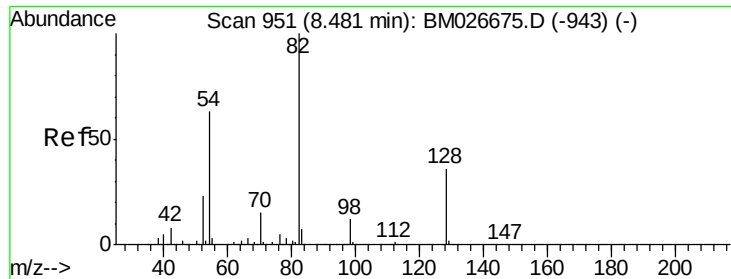
Abundance Ion 136.00 (135.70 to 136.70): BM026675.D (-1216) (-)

Ion 137.00 (136.70 to 137.70): BM026675.D (-1216) (-)

Ion 54.00 (53.70 to 54.70): BM026675.D (-1216) (-)

Ion 68.00 (67.70 to 68.70): BM026675.D (-1216) (-)

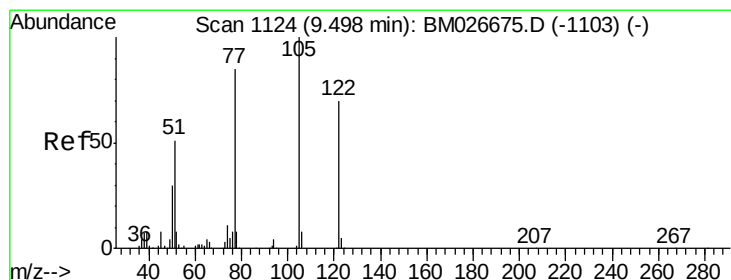
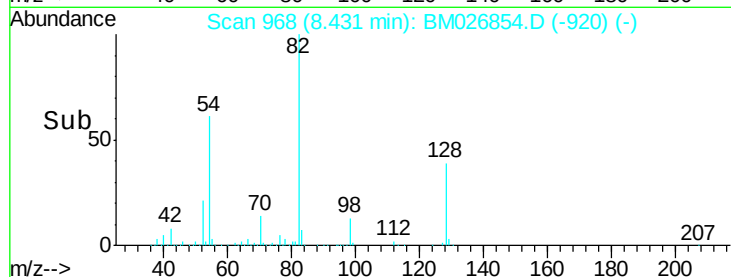
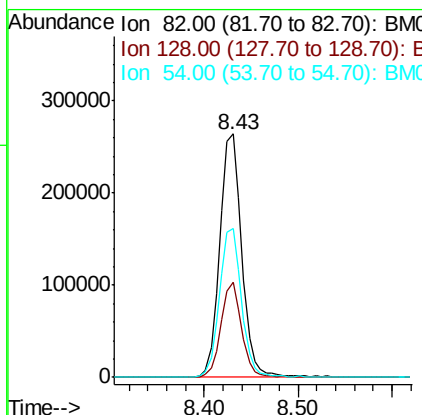
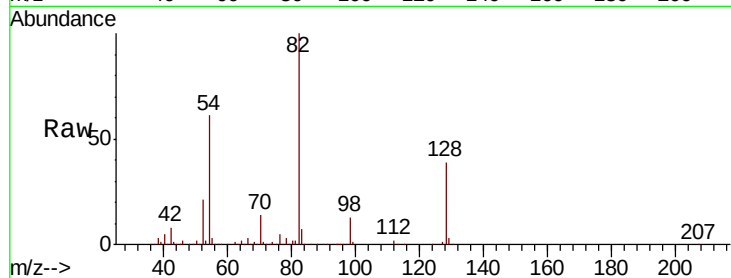




#23
Nitrobenzene-d5
Concen: 49.442 ng
RT: 8.43 min Scan# 968
Delta R.T. -0.02 min
Lab File: BM026854.D
Acq: 23 Jul 2020 16:54

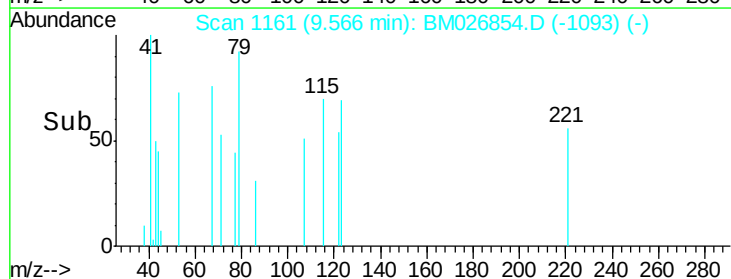
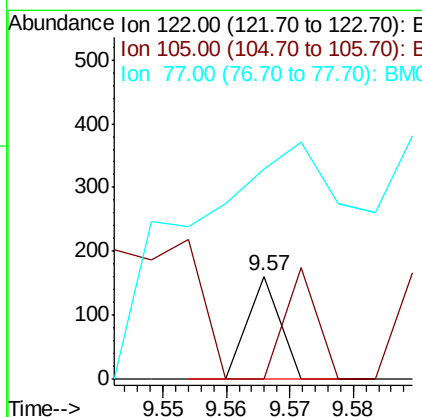
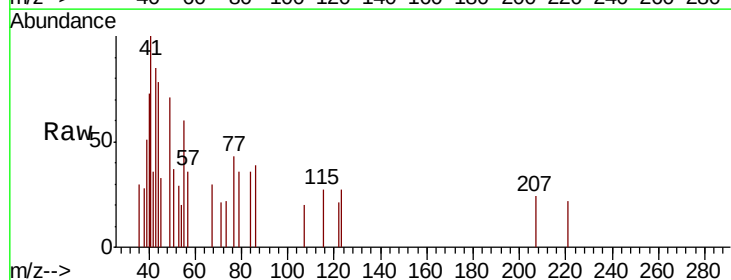
Instrument :
BNA_M
ClientSampleId :

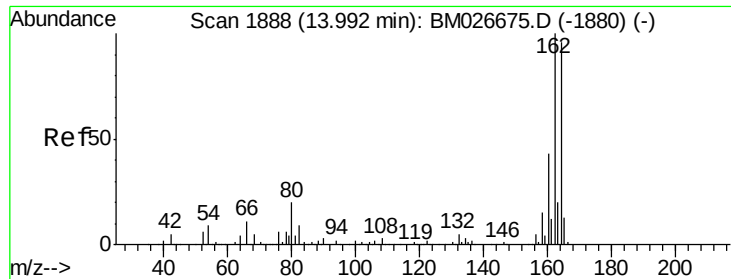
Tot Ion	82	Resp	433039
Ion Ratio	Lower	Upper	
82	100		
128	39.1	29.1	43.7
54	61.2	50.2	75.4



#32
Benzoic acid
Concen: 7.109 ng
RT: 9.57 min Scan# 1161
Delta R.T. 0.10 min
Lab File: BM026854.D
Acq: 23 Jul 2020 16:54

Tgt Ion	122	Resp	57
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
122	100		
105	0.0	120.9	160.9#
77	204.3	100.0	140.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.95 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BM026854.D

Acq: 23 Jul 2020 16:54

Instrument :

BNA_M

ClientSampleId :

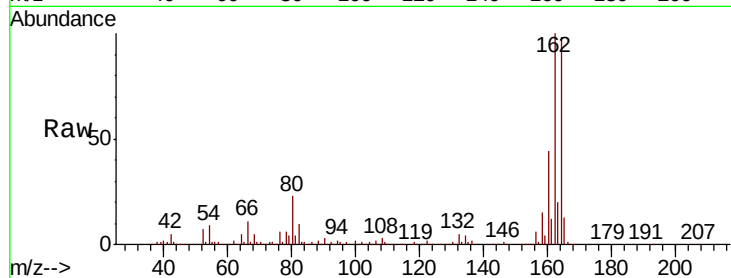
Tot Ion:164 Resp: 216296

Ion Ratio Lower Upper

164 100

162 101.7 83.7 125.5

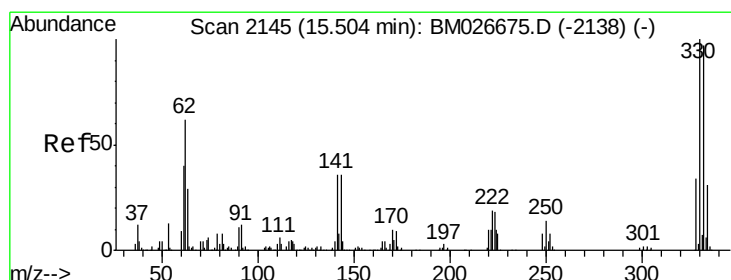
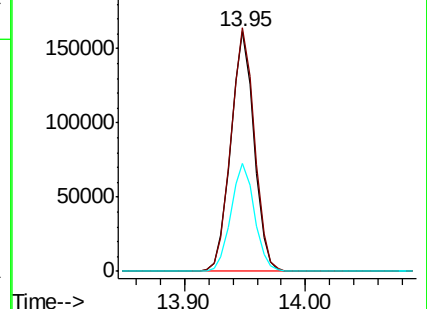
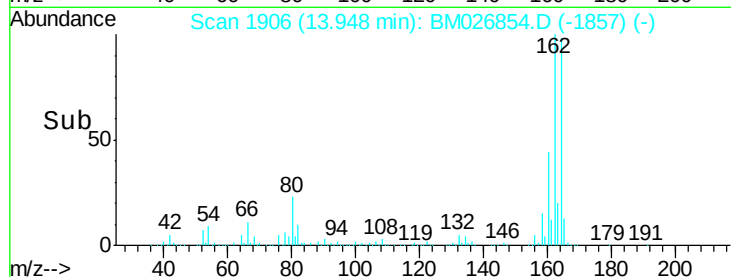
160 45.1 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 69.441 ng

RT: 15.46 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BM026854.D

Acq: 23 Jul 2020 16:54

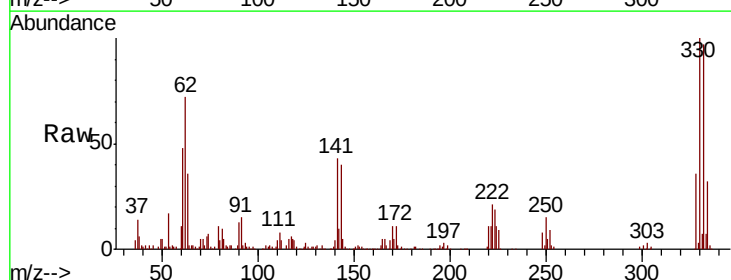
Tgt Ion:330 Resp: 218794

Ion Ratio Lower Upper

330 100

332 97.9 77.5 116.3

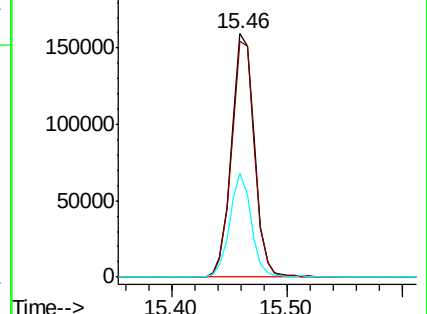
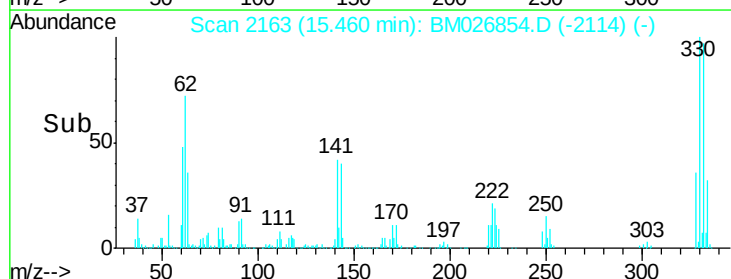
141 40.0 32.4 48.6

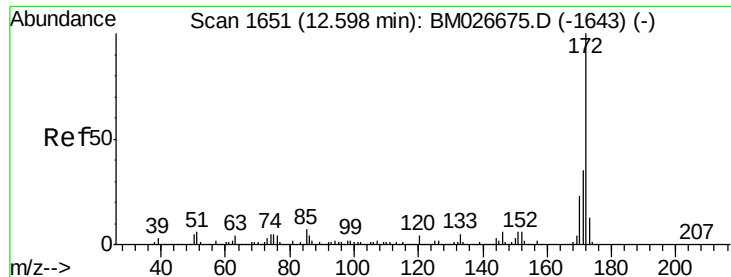


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

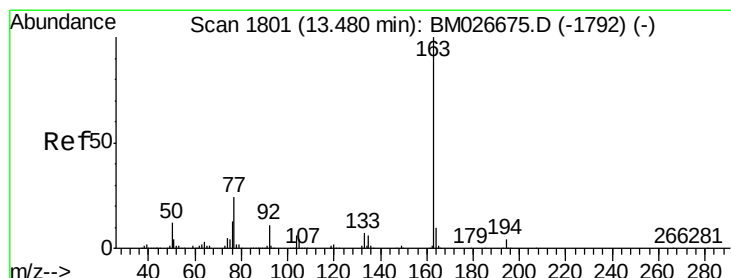
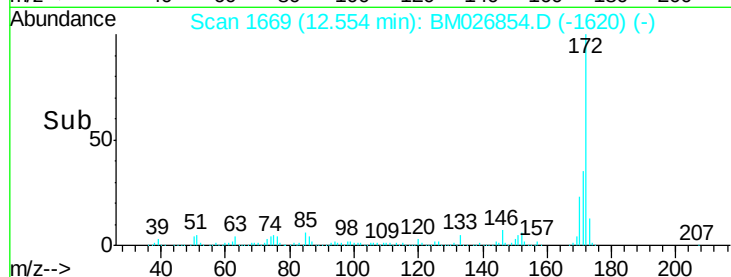
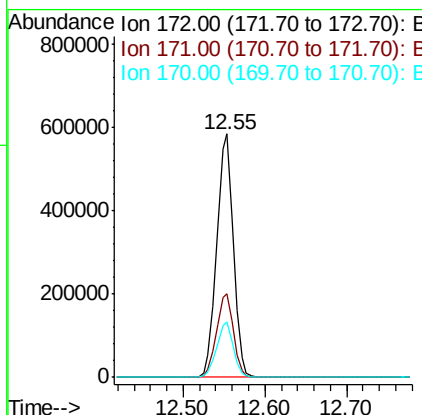
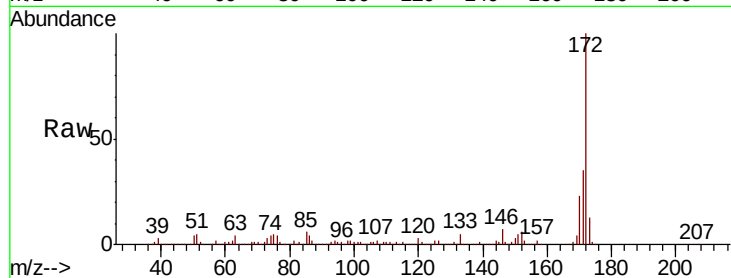




#45
2-Fluorobiphenyl
Concen: 50.965 ng
RT: 12.55 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM026854.D
Acq: 23 Jul 2020 16:54

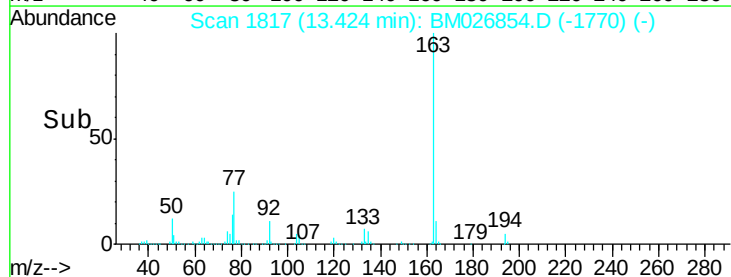
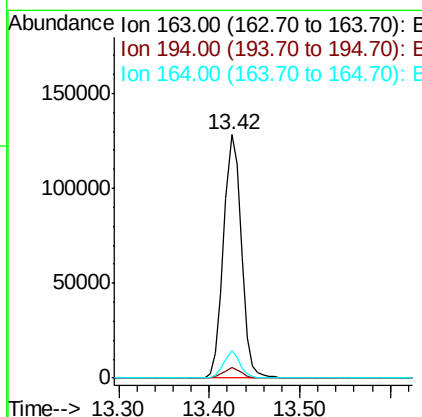
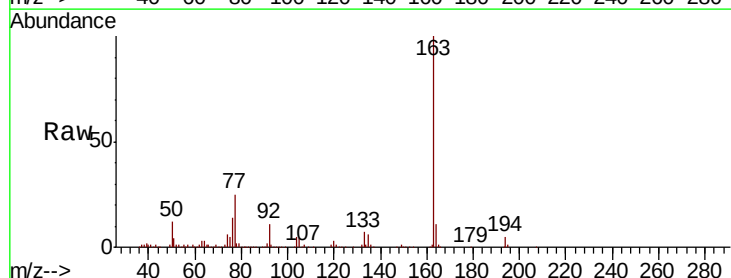
Instrument :
BNA_M
ClientSampleId :

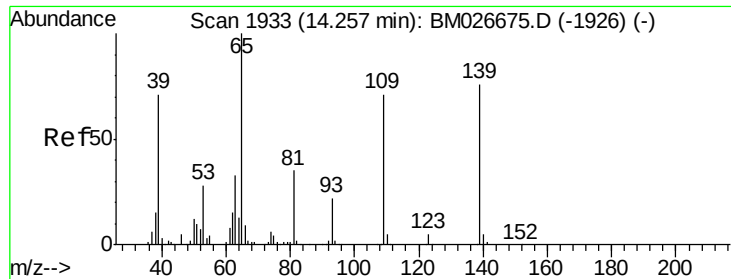
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	22.7	18.5	27.7



#50
Dimethylphthalate
Concen: 9.476 ng
RT: 13.42 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BM026854.D
Acq: 23 Jul 2020 16:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	11.3	7.8	11.6

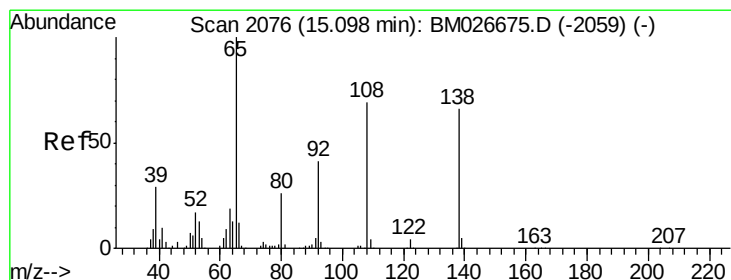
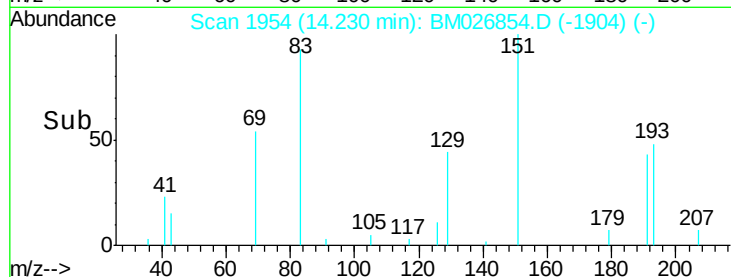
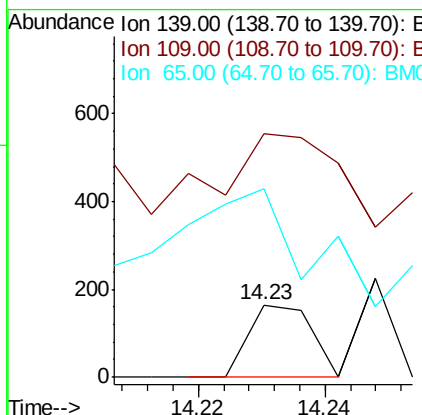
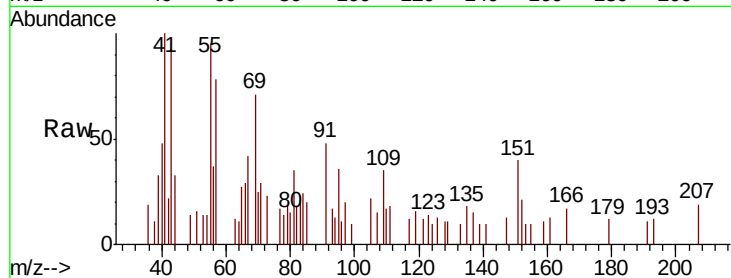




#56
4-Nitrophenol
Concen: 3.942 ng
RT: 14.23 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BM026854.D
Acq: 23 Jul 2020 16:54

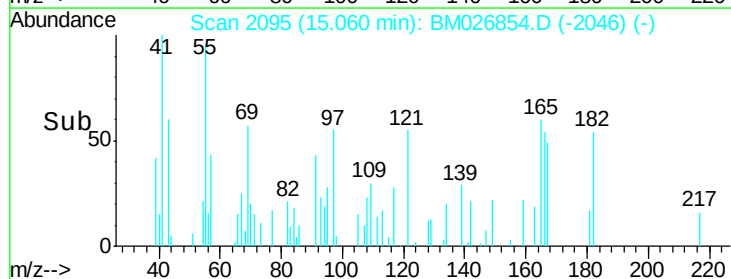
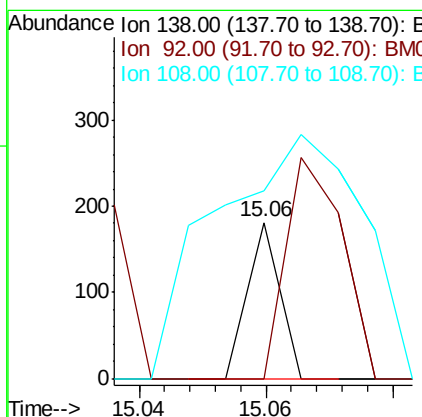
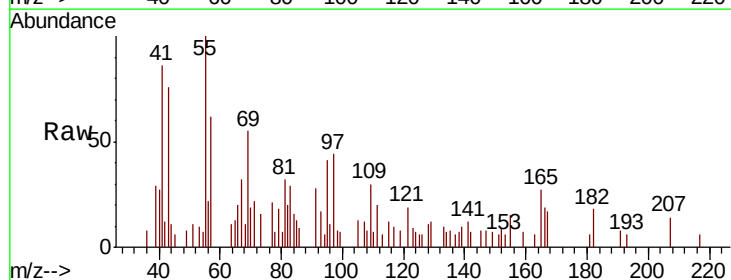
Instrument :
BNA_M
ClientSampled :

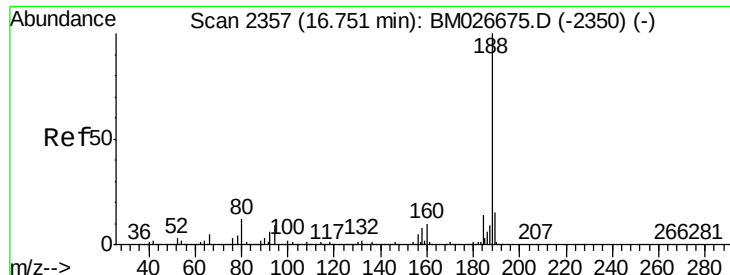
Tot Ion:139 Resp: 111
Ion Ratio Lower Upper
139 100
109 337.8 73.7 113.7#
65 261.6 111.5 151.5#



#62
4-Nitroaniline
Concen: 3.154 ng
RT: 15.06 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM026854.D
Acq: 23 Jul 2020 16:54

Tgt Ion:138 Resp: 64
Ion Ratio Lower Upper
138 100
92 0.0 41.5 81.5#
108 120.4 84.8 124.8

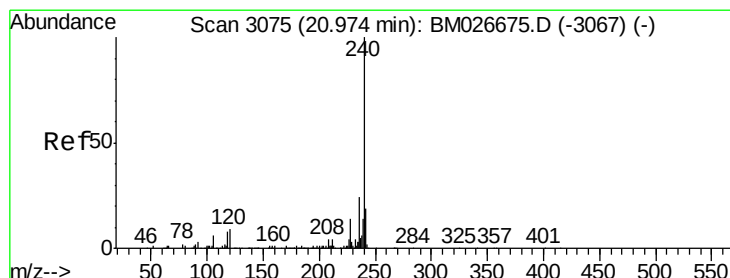
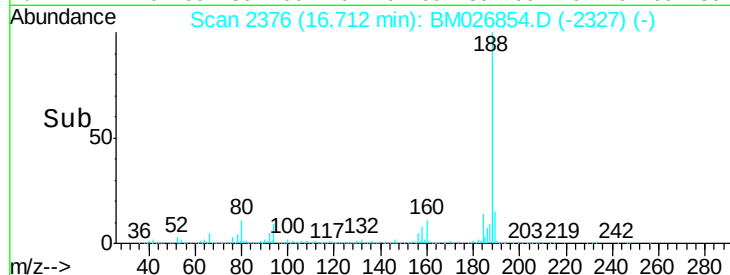
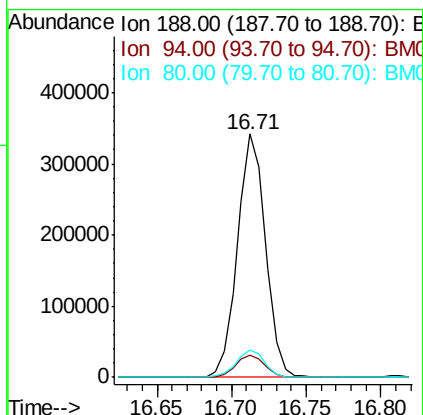
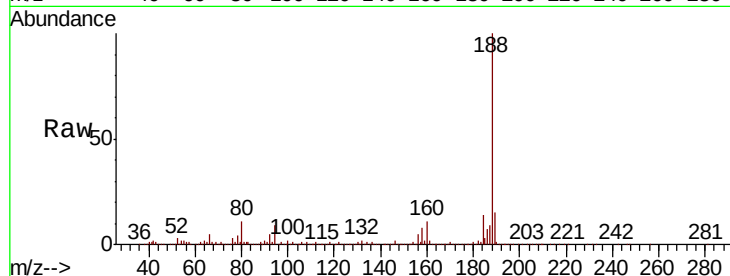




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.71 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BM026854.D
Acq: 23 Jul 2020 16:54

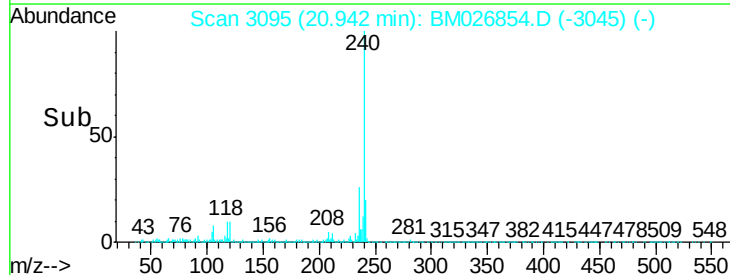
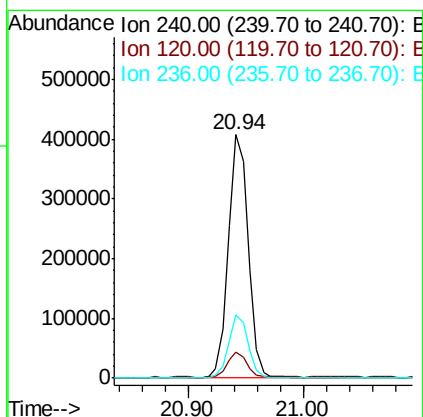
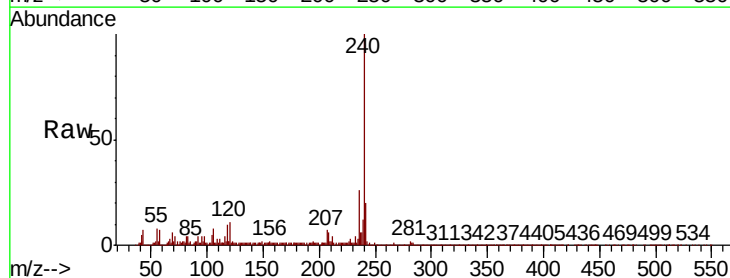
Instrument :
BNA_M
ClientSampleId :

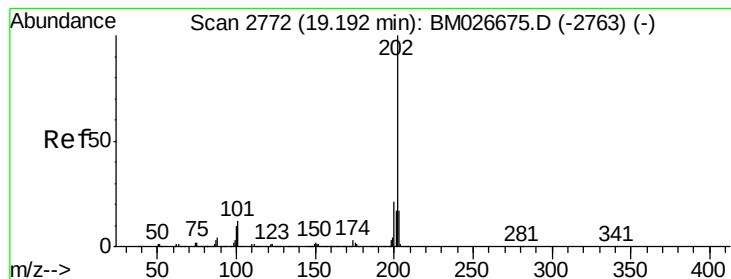
Tot Ion:188 Resp: 447240
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.0
80 11.4 9.3 13.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM026854.D
Acq: 23 Jul 2020 16:54

Tgt Ion:240 Resp: 483024
Ion Ratio Lower Upper
240 100
120 10.5 7.3 10.9
236 26.1 19.4 29.2





#78

Pvrene

Concen: 2.249 ng

RT: 19.15 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BM026854.D

Acq: 23 Jul 2020 16:54

Instrument :

BNA_M

ClientSampleId :

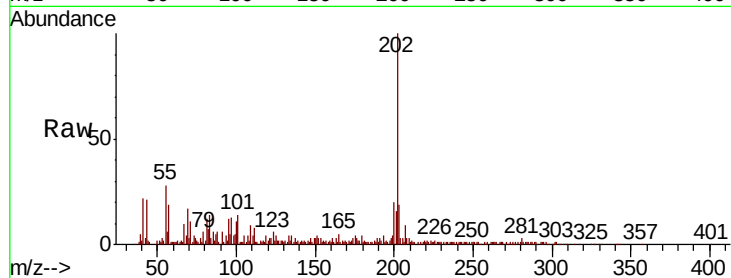
Tot Ion:202 Resp: 68442

Ion Ratio Lower Upper

202 100

200 20.5 16.6 24.8

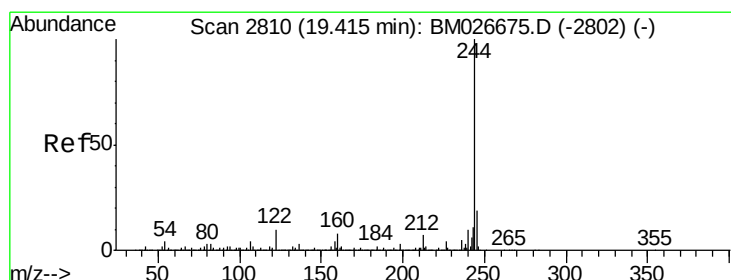
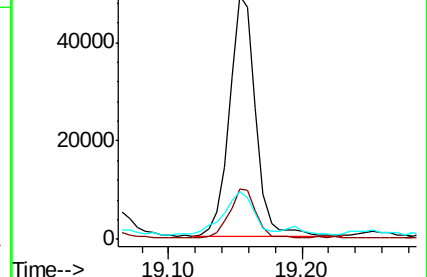
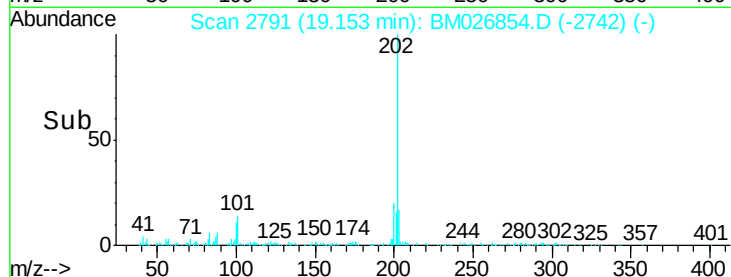
203 19.5 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 47.655 ng

RT: 19.38 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM026854.D

Acq: 23 Jul 2020 16:54

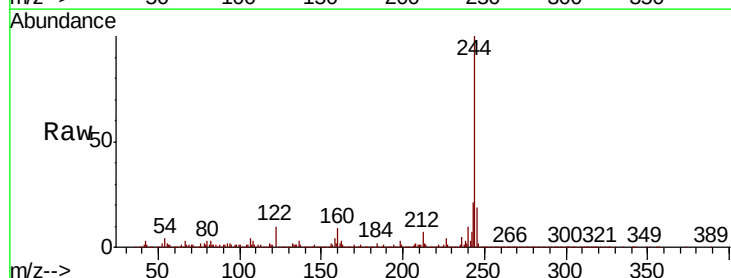
Tgt Ion:244 Resp: 1169621

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

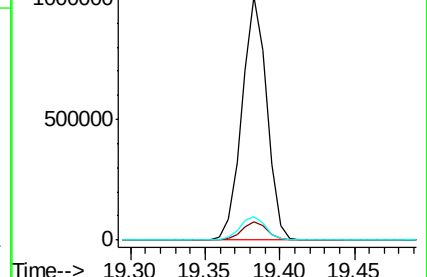
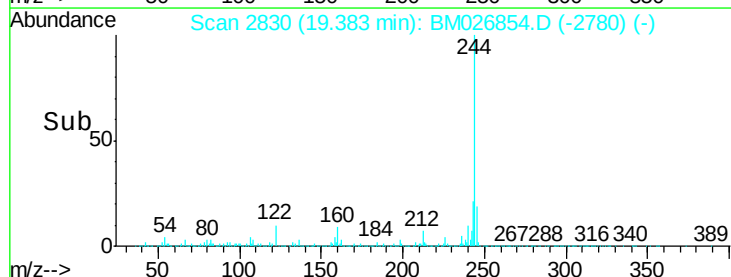
122 9.9 8.2 12.4

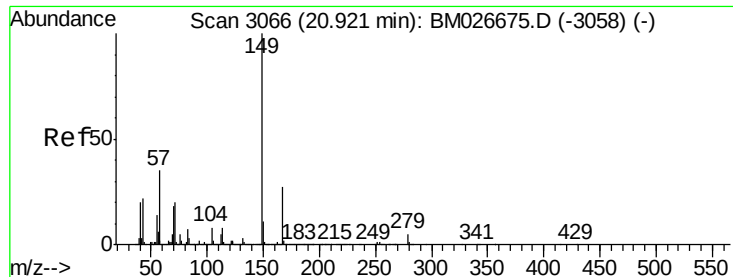


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 9.683 ng

RT: 20.89 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM026854.D

Acq: 23 Jul 2020 16:54

Instrument :

BNA_M

ClientSampleId :

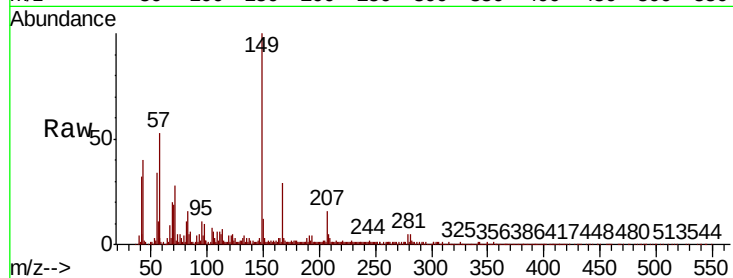
Tot Ion:149 Resp: 211804

Ion Ratio Lower Upper

149 100

167 28.8 21.9 32.9

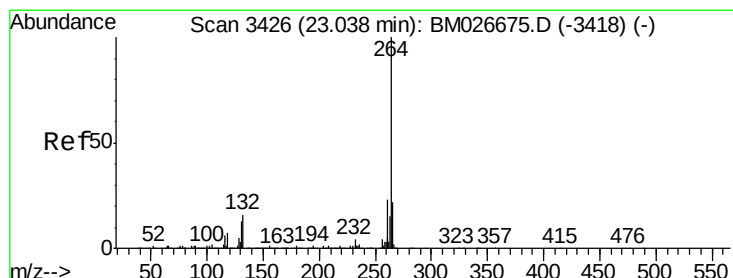
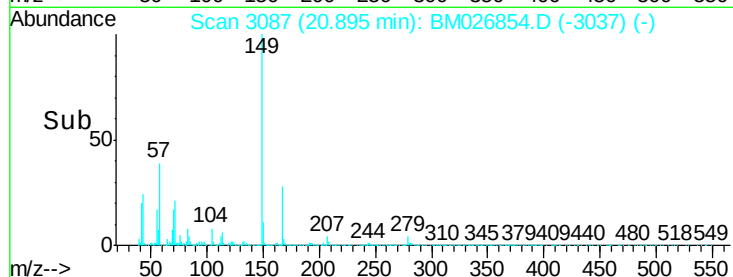
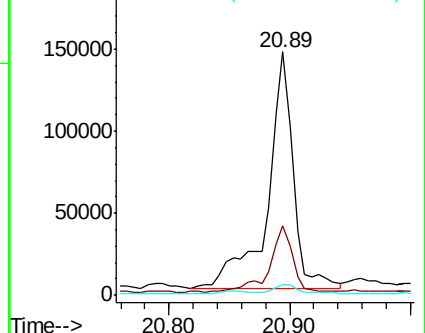
279 4.5 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.01 min Scan# 3446

Delta R.T. -0.01 min

Lab File: BM026854.D

Acq: 23 Jul 2020 16:54

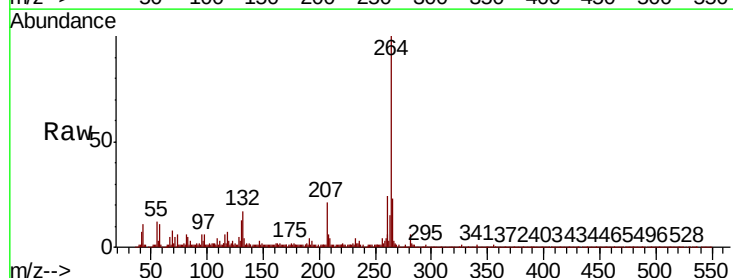
Tgt Ion:264 Resp: 511978

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.2

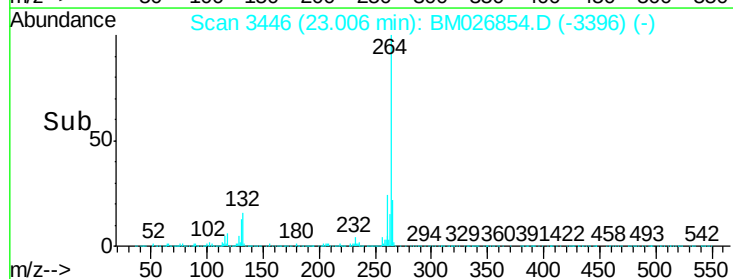
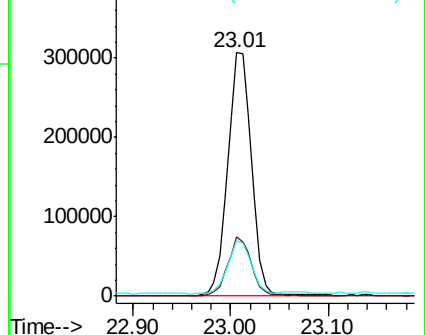
265 23.0 17.6 26.4

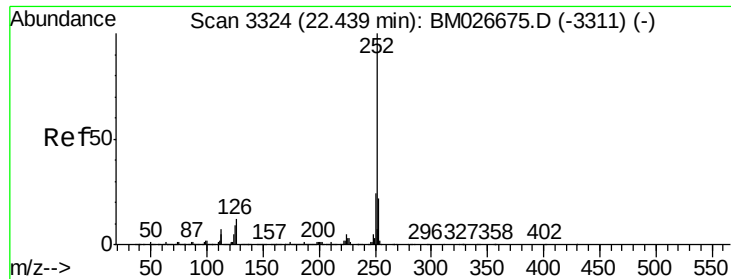


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

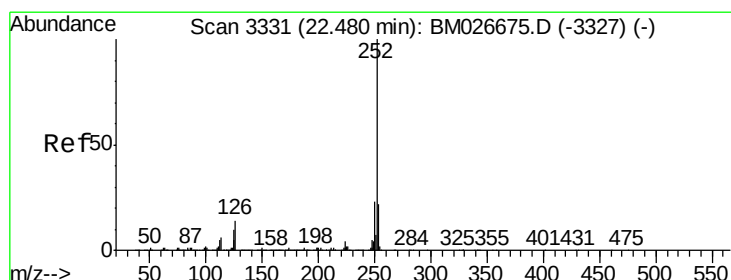
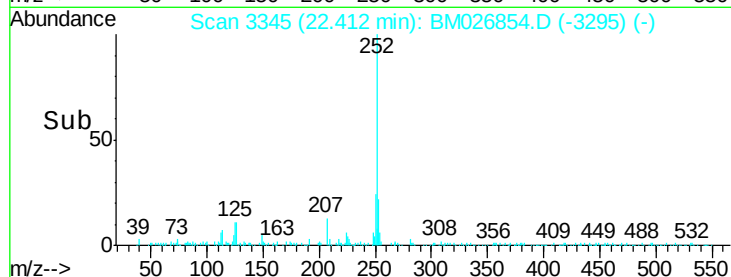
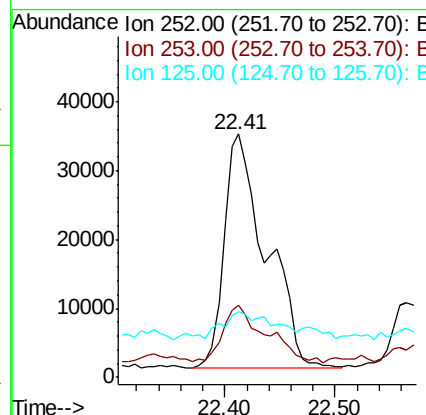
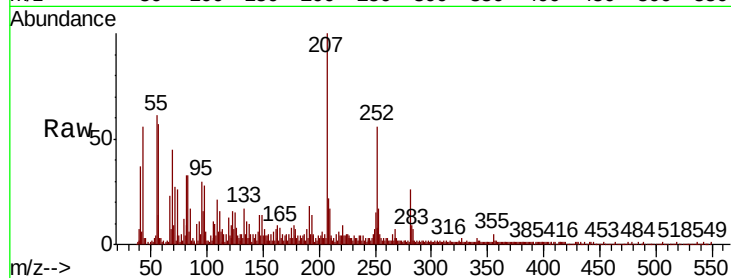




#88
Benzo(b)fluoranthene
Concen: 2.695 ng
RT: 22.41 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BM026854.D
Acq: 23 Jul 2020 16:54

Instrument :
BNA_M
ClientSampled :

Tot Ion:252 Resp: 90903
Ion Ratio Lower Upper
252 100
253 29.6 17.5 26.3#
125 27.0 7.5 11.3#



#89
Benzo(k)fluoranthene
Concen: 2.747 ng
RT: 22.41 min Scan# 3345
Delta R.T. -0.04 min
Lab File: BM026854.D
Acq: 23 Jul 2020 16:54

Tgt Ion:252 Resp: 90903
Ion Ratio Lower Upper
252 100
253 29.6 17.5 26.3#
125 27.0 7.8 11.8#

