

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
 Data File : BN006734.D
 Acq On : 06 Jul 2019 02:23
 Operator : HP/JU
 Sample : PB121057BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB121057BL

Quant Time: Jul 06 03:20:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

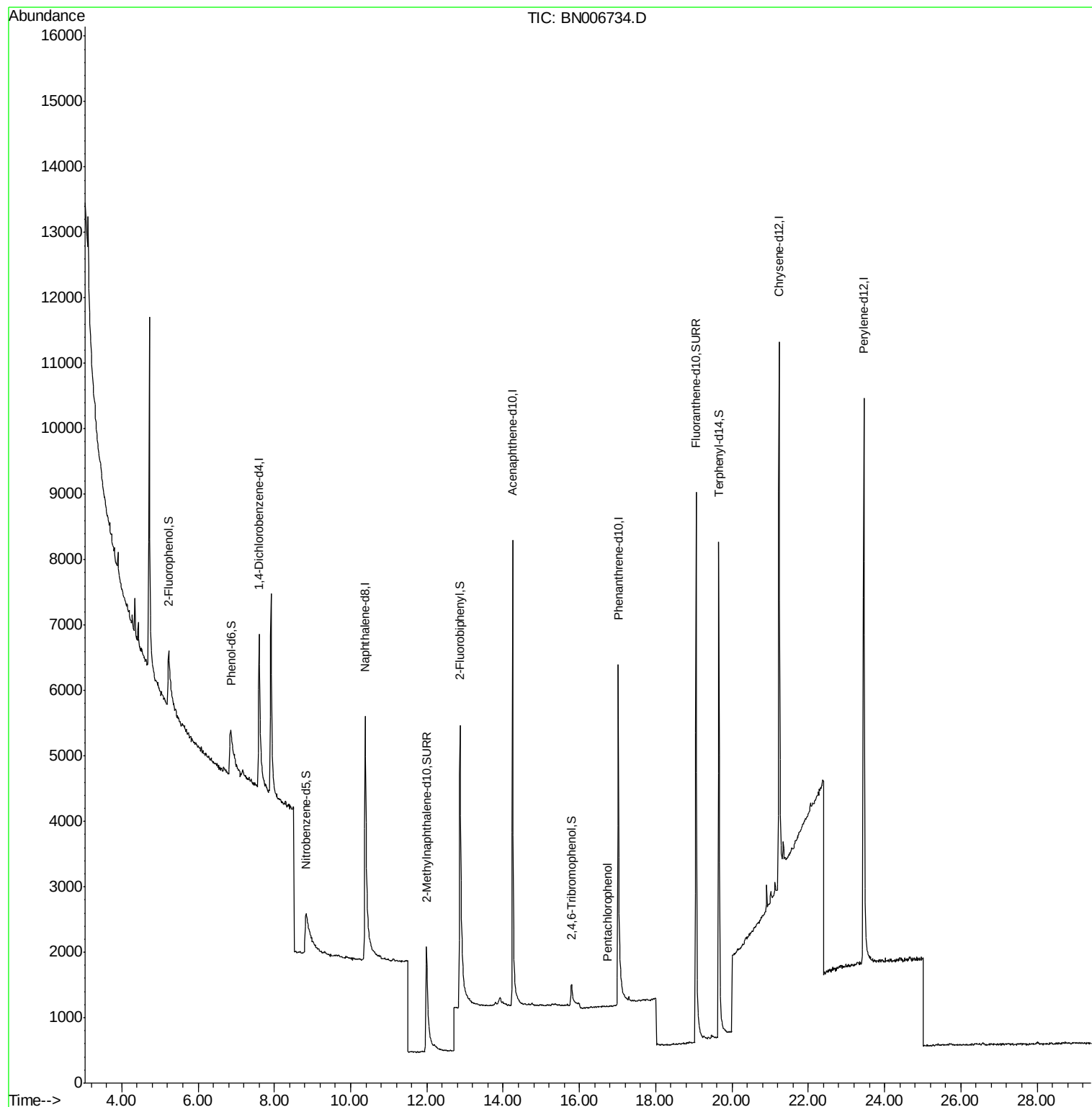
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2580	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	9382	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	5623	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	11961	0.40	ng	-0.01
27) Chrysene-d12	21.24	240	11220	0.40	ng	-0.02
34) Perylene-d12	23.46	264	13879	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	2173	0.31	ng	0.00
5) Phenol-d6	6.85	99	2355	0.27	ng	0.02
8) Nitrobenzene-d5	8.83	82	1804	0.25	ng	0.04
11) 2-Methylnaphthalene-d10	11.99	152	5236	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	572	0.21	ng	0.00
15) 2-Fluorobiphenyl	12.87	172	7766	0.35	ng	-0.01
25) Fluoranthene-d10	19.06	212	13413	0.39	ng	-0.02
29) Terphenyl-d14	19.66	244	10109	0.39	ng	-0.02
Target Compounds						
12) 2-Methylnaphthalene	12.04	142	2	Below Cal	#	24
22) Pentachlorophenol	16.73	266	2	0.112 ng	#	76

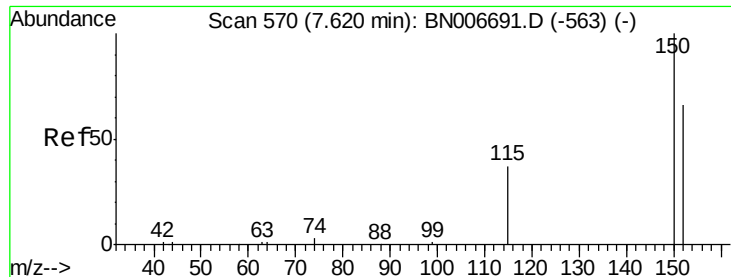
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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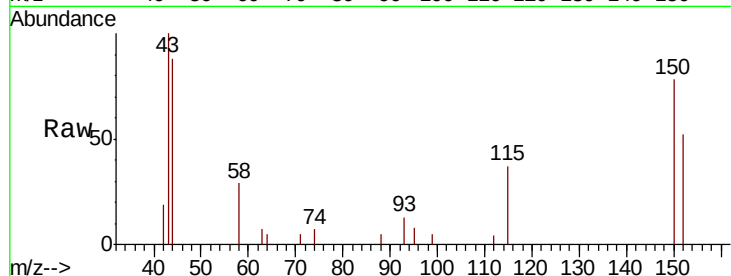


#1

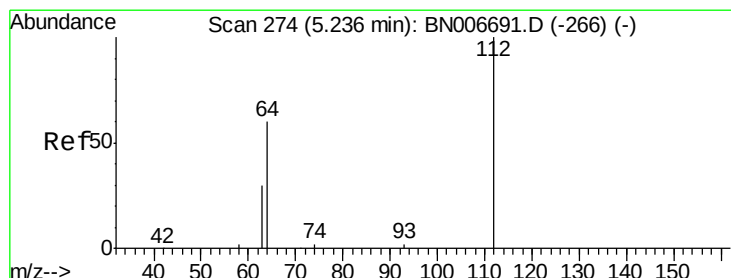
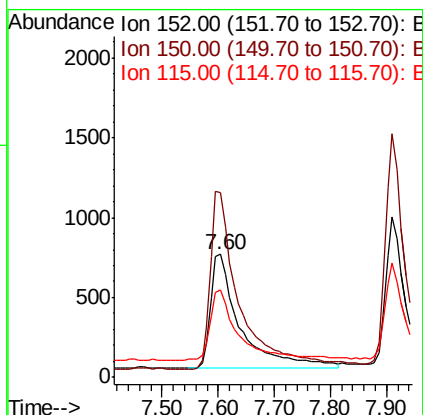
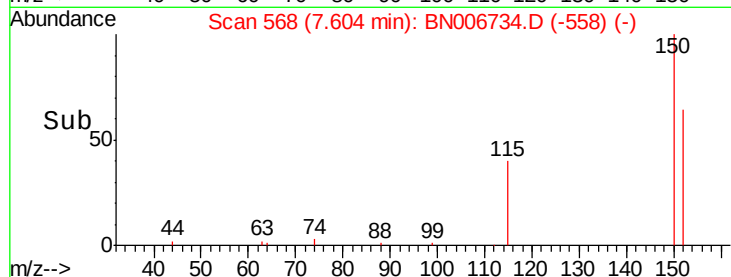
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 568
Delta R.T. -0.02 min
Lab File: BN006734.D
Acq: 06 Jul 2019 02:23

Instrument :
BNA_N
ClientSampleId :
PB121057BL

Tgt Ion:152 Resp: 2580
Ion Ratio Lower Upper
152 100
150 150.8 120.6 181.0
115 71.0 51.0 76.6



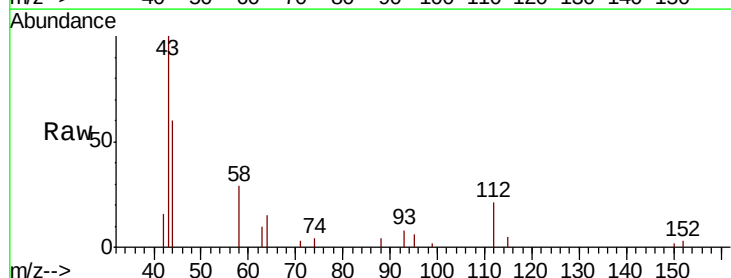
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



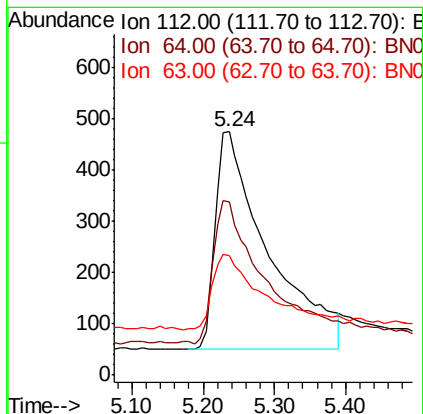
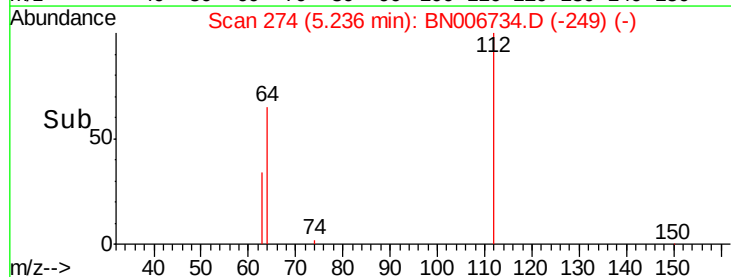
#4

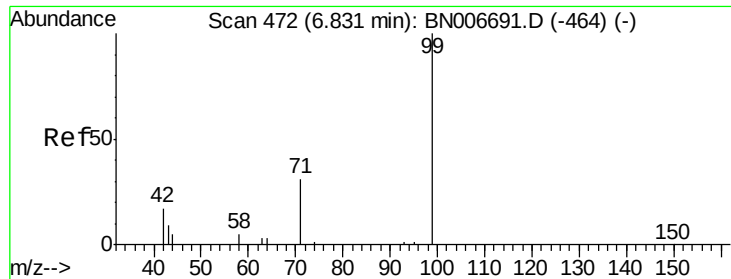
2-Fluorophenol
Concen: 0.310 ng
RT: 5.24 min Scan# 274
Delta R.T. -0.00 min
Lab File: BN006734.D
Acq: 06 Jul 2019 02:23

Tgt Ion:112 Resp: 2173
Ion Ratio Lower Upper
112 100
64 64.2 49.8 74.6
63 35.2 25.8 38.6



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





#5

Phenol-d6

Concen: 0.265 ng

RT: 6.85 min Scan# 475

Delta R.T. 0.02 min

Lab File: BN006734.D

Acq: 06 Jul 2019 02:23

Instrument :

BNA_N

ClientSampleId :

PB121057BL

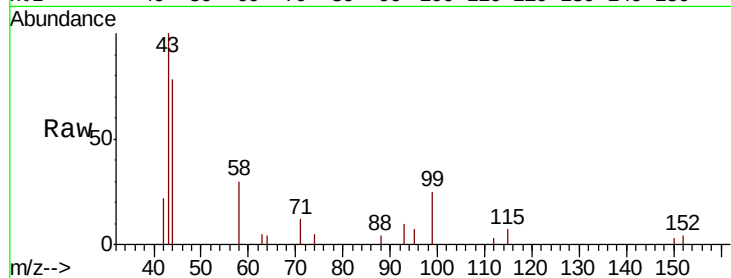
Tgt Ion: 99 Resp: 2355

Ion Ratio Lower Upper

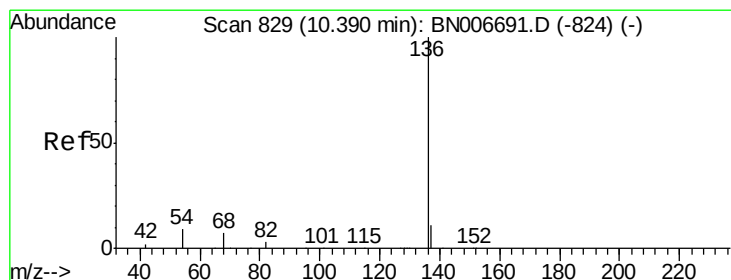
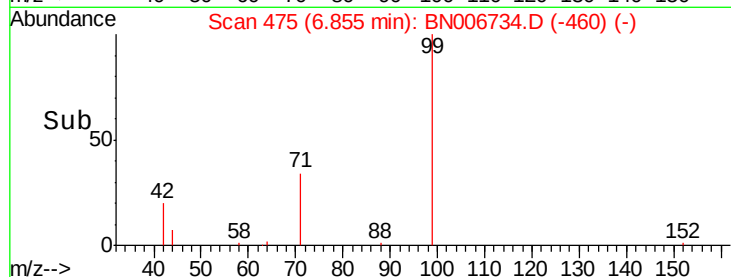
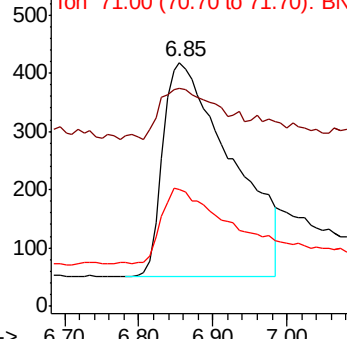
99 100

42 22.0 16.6 25.0

71 34.6 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006691.D (-464) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 828

Delta R.T. -0.01 min

Lab File: BN006734.D

Acq: 06 Jul 2019 02:23

Tgt Ion: 136 Resp: 9382

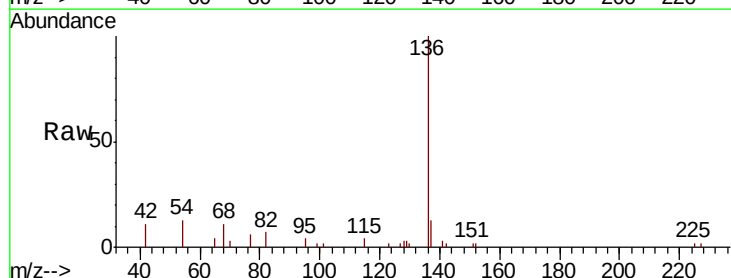
Ion Ratio Lower Upper

136 100

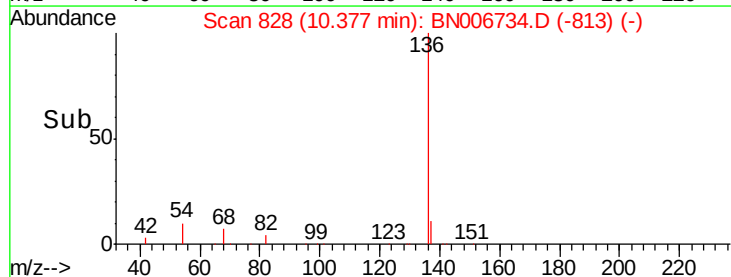
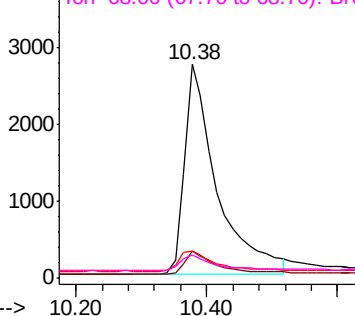
137 12.5 9.3 13.9

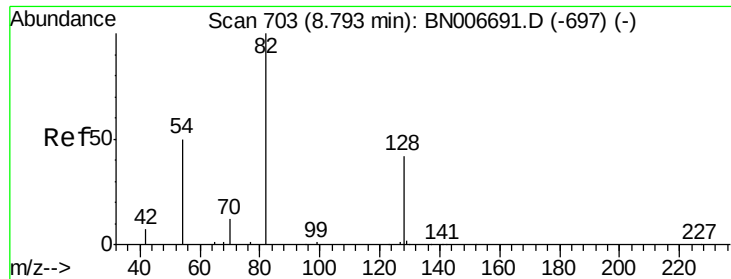
54 12.9 8.4 12.6#

68 10.6 6.8 10.2#



Abundance Ion 136.00 (135.70 to 136.70): BN006691.D (-824) (-)





#8

Nitrobenzene-d5

Concen: 0.251 ng

RT: 8.83 min Scan# 706

Delta R.T. 0.04 min

Lab File: BN006734.D

Acq: 06 Jul 2019 02:23

Instrument :

BNA_N

ClientSampleId :

PB121057BL

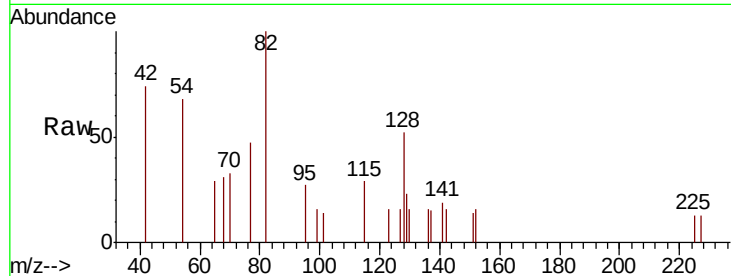
Tgt Ion: 82 Resp: 1804

Ion Ratio Lower Upper

82 100

128 51.6 36.1 54.1

54 67.6 44.5 66.7#



Abundance Ion 82.00 (81.70 to 82.70): BN006691.D (-697) (-)

Ion 128.00 (127.70 to 128.70): BN006691.D (-697) (-)

Ion 54.00 (53.70 to 54.70): BN006691.D (-697) (-)

Time-->

8.83

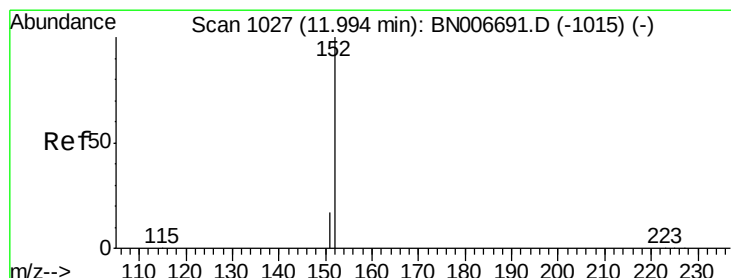
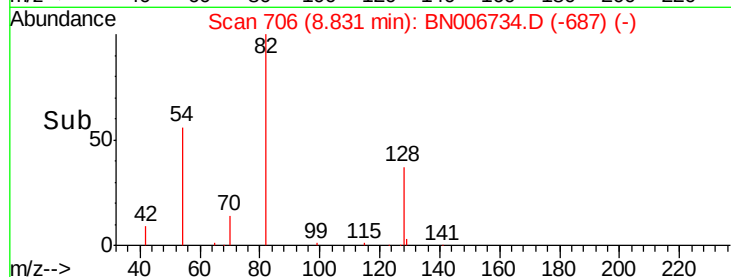
300

200

100

0

8.70 8.80 8.90 9.00



#11

2-Methylnaphthalene-d10

Concen: 0.371 ng

RT: 11.99 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BN006734.D

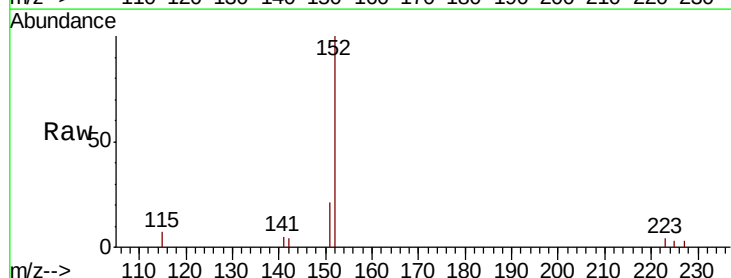
Acq: 06 Jul 2019 02:23

Tgt Ion: 152 Resp: 5236

Ion Ratio Lower Upper

152 100

151 18.1 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): BN006691.D (-1015) (-)

Ion 151.00 (150.70 to 151.70): BN006691.D (-1015) (-)

Time-->

11.99

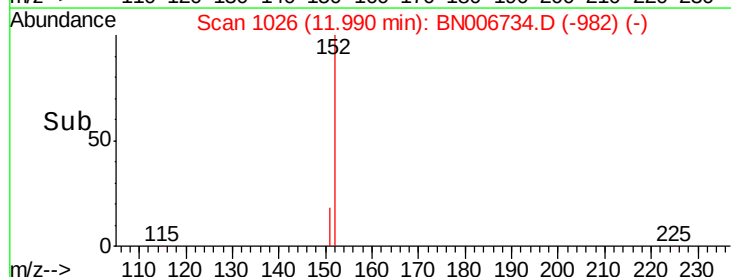
1500

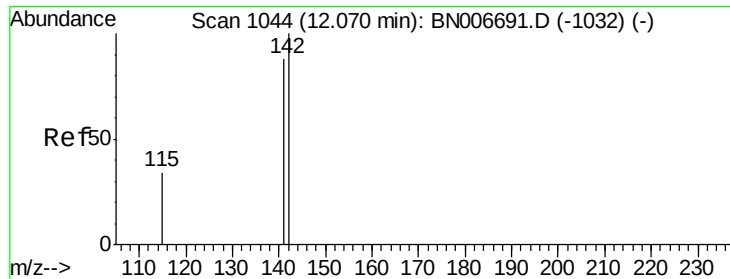
1000

500

0

12.00 12.20

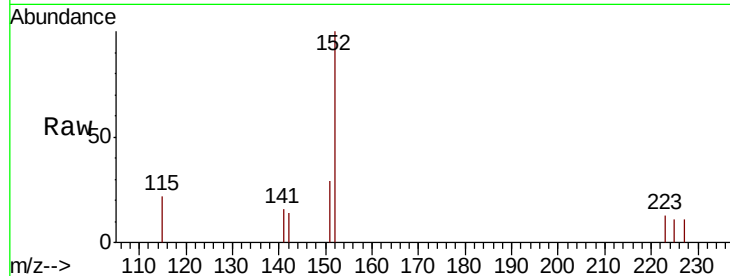




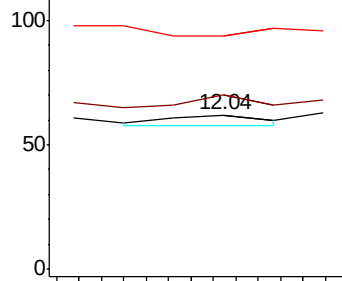
#12
2-Methylnaphthalene
Concen: Below Cal
RT: 12.04 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BN006734.D
Acq: 06 Jul 2019 02:23

Instrument :
BNA_N
ClientSampleId :
PB121057BL

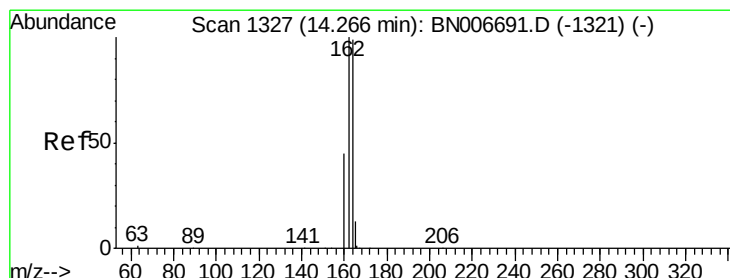
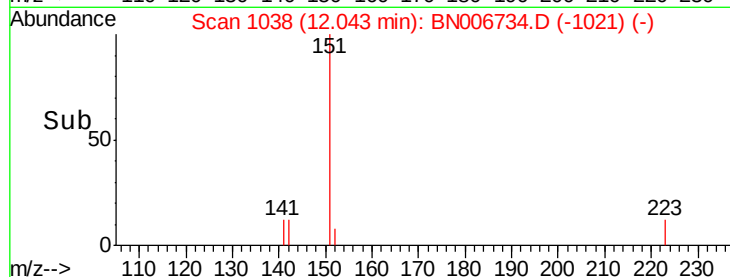
Tgt Ion:142 Resp: 2
Ion Ratio Lower Upper
142 100
141 112.9 70.3 105.5#
115 151.6 28.9 43.3#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

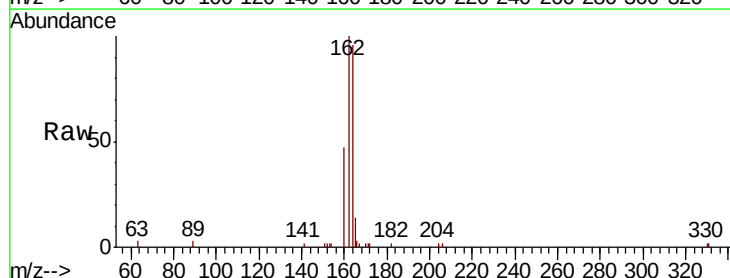


Time--> 12.03 12.04 12.05

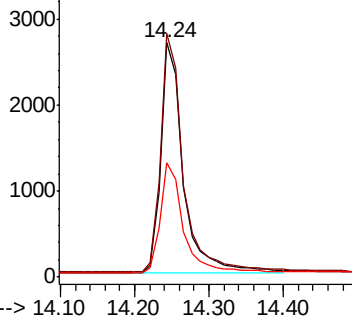


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006734.D
Acq: 06 Jul 2019 02:23

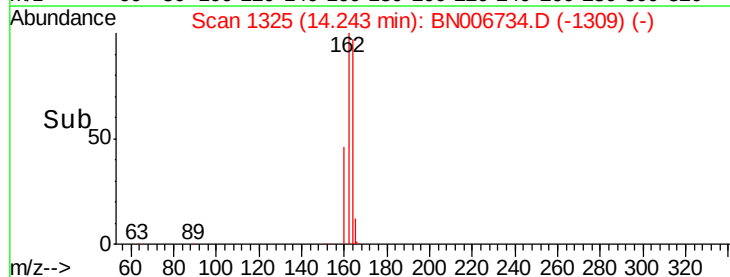
Tgt Ion:164 Resp: 5623
Ion Ratio Lower Upper
164 100
162 104.0 80.8 121.2
160 48.8 37.0 55.6

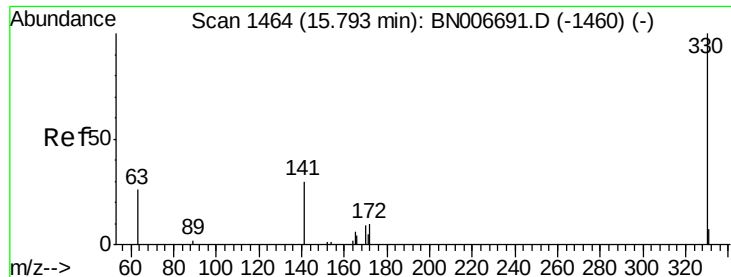


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time--> 14.10 14.20 14.30 14.40

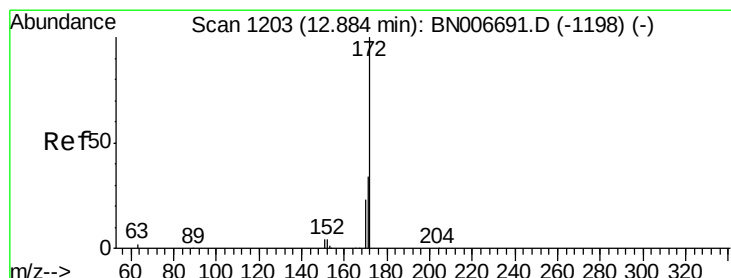
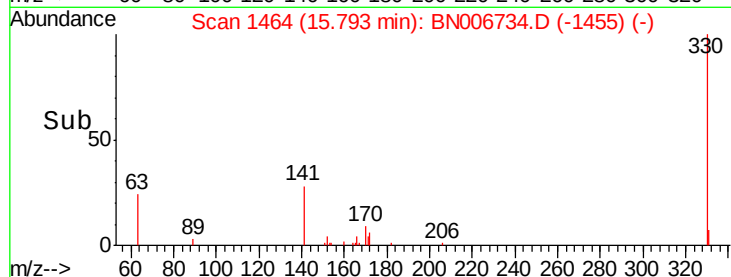
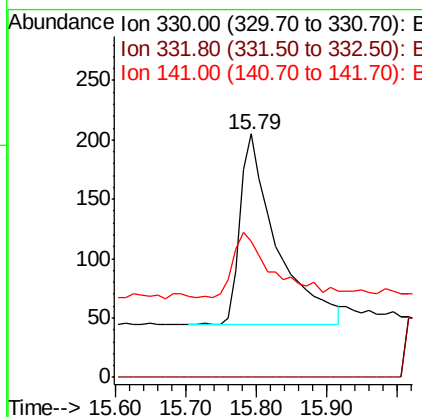
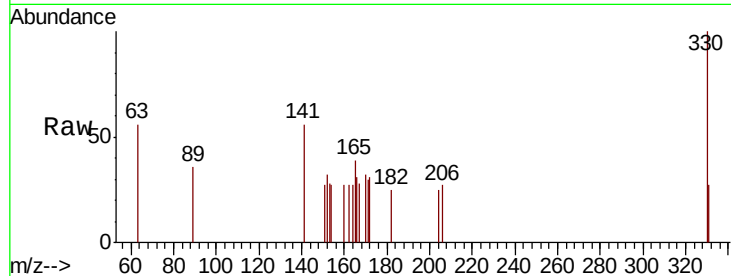




#14
 2,4,6-Tribromophenol
 Concen: 0.207 ng
 RT: 15.79 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BN006734.D
 Acq: 06 Jul 2019 02:23

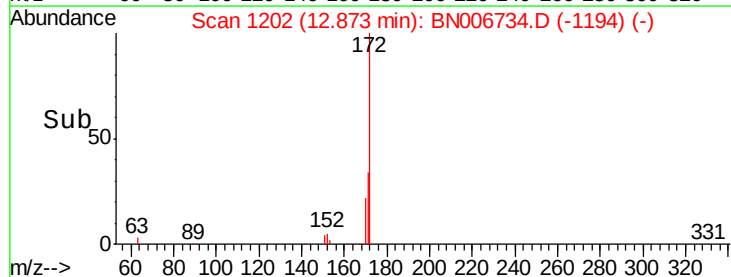
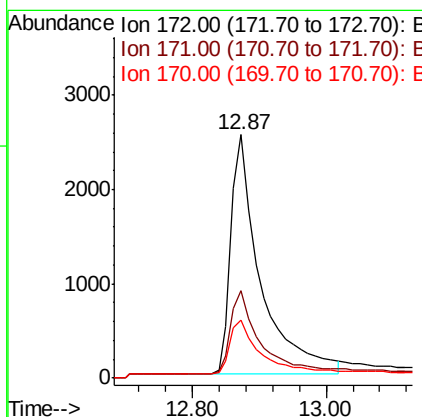
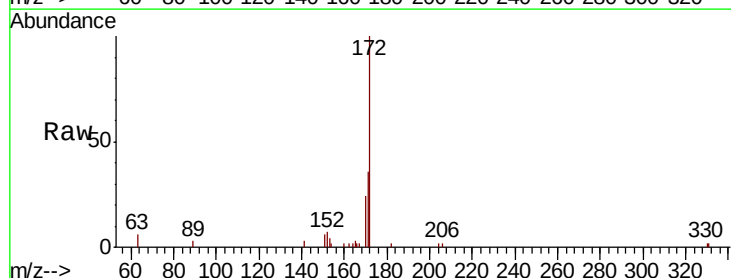
Instrument :
 BNA_N
 ClientSampleId :
 PB121057BL

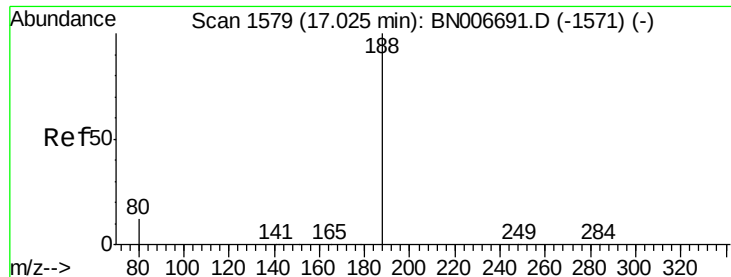
Tgt Ion: 330 Resp: 572
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 38.6 24.8 37.2#



#15
 2-Fluorobiphenyl
 Concen: 0.353 ng
 RT: 12.87 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BN006734.D
 Acq: 06 Jul 2019 02:23

Tgt Ion: 172 Resp: 7766
 Ion Ratio Lower Upper
 172 100
 171 35.8 27.8 41.6
 170 23.6 18.9 28.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.01 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BN006734.D

Acq: 06 Jul 2019 02:23

Instrument :

BNA_N

ClientSampleId :

PB121057BL

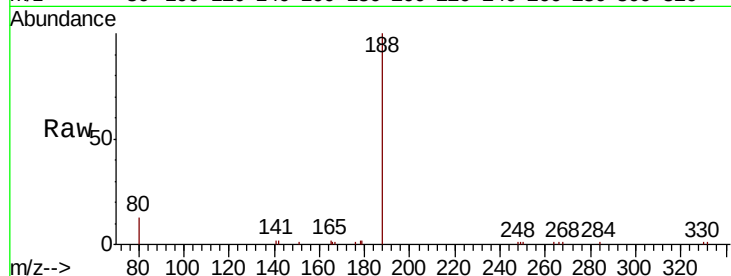
Tgt Ion:188 Resp: 11961

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

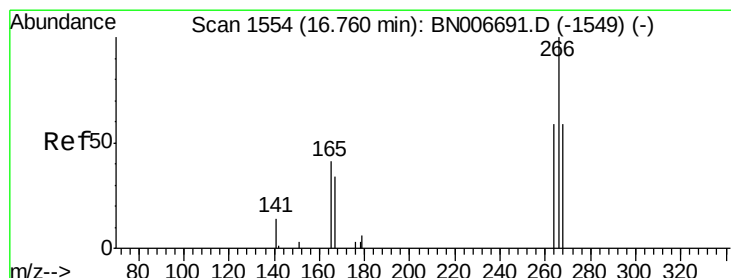
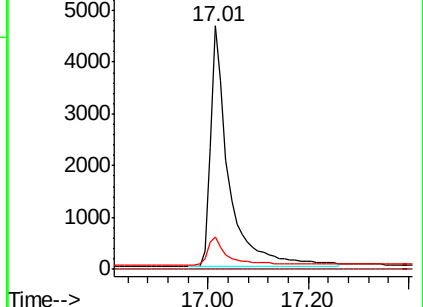
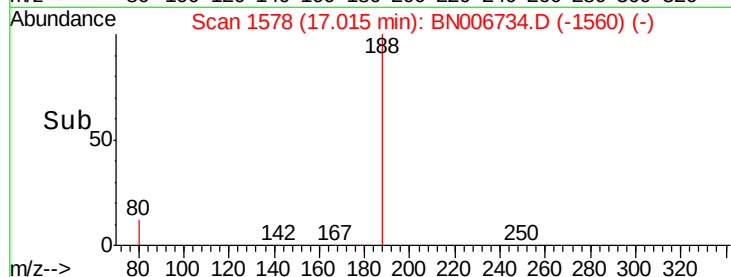
80 13.3 10.3 15.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#22

Pentachlorophenol

Concen: 0.112 ng

RT: 16.73 min Scan# 1551

Delta R.T. -0.03 min

Lab File: BN006734.D

Acq: 06 Jul 2019 02:23

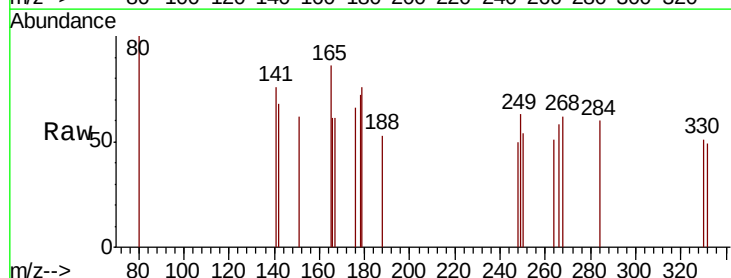
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 88.7 57.6 86.4#

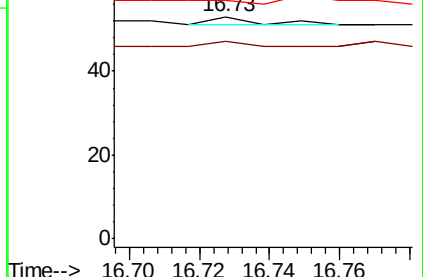
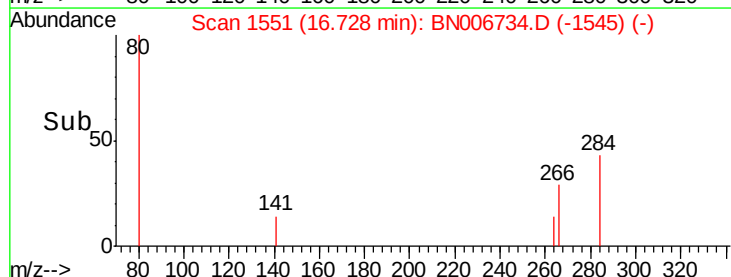
268 107.5 66.6 99.8#

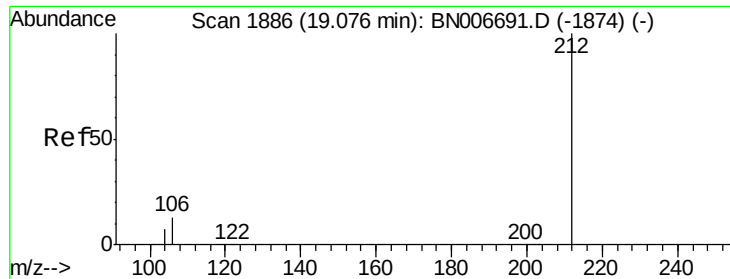


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

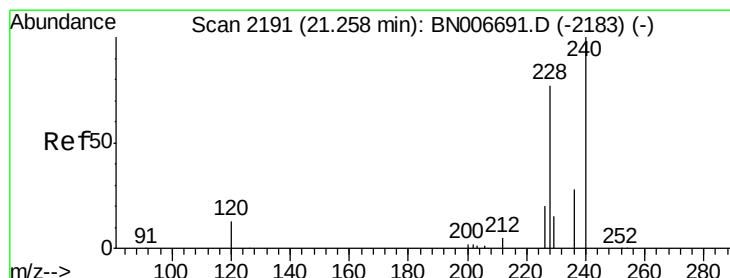
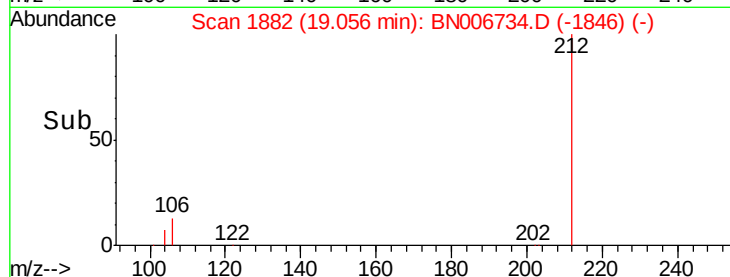
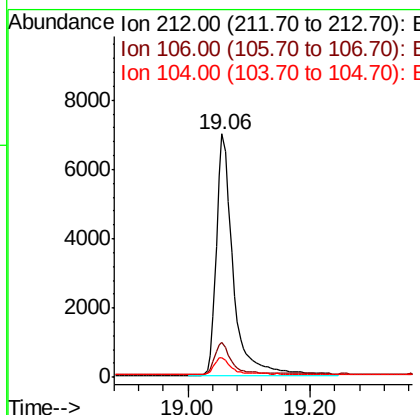
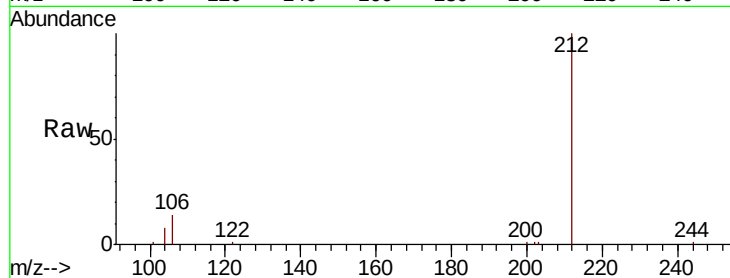




#25
 Fluoranthene-d10
 Concen: 0.392 ng
 RT: 19.06 min Scan# 1882
 Delta R.T. -0.02 min
 Lab File: BN006734.D
 Acq: 06 Jul 2019 02:23

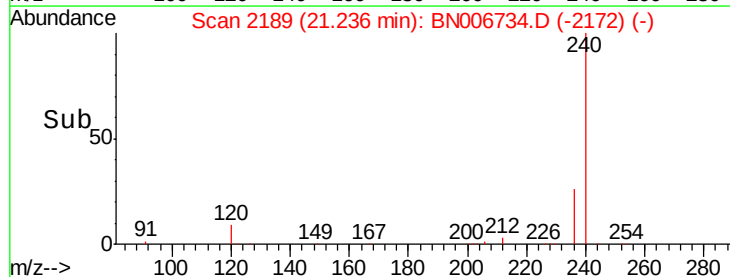
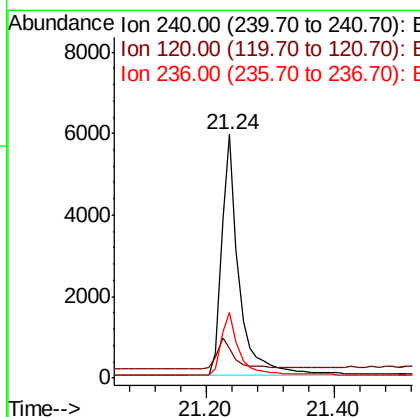
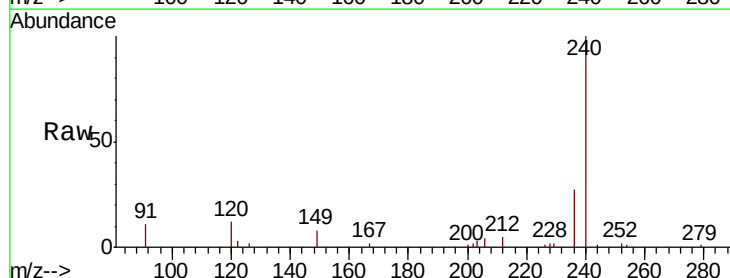
Instrument :
 BNA_N
 ClientSampleId :
 PB121057BL

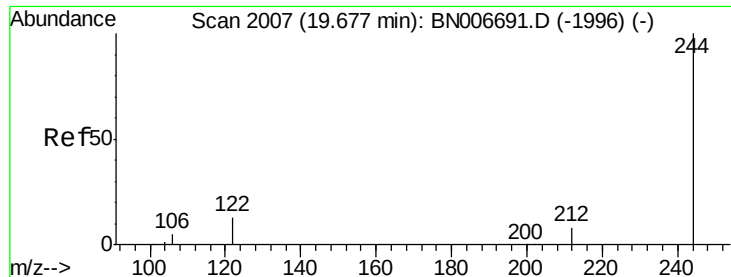
Tgt Ion:212 Resp: 13413
 Ion Ratio Lower Upper
 212 100
 106 12.9 11.0 16.6
 104 7.3 6.1 9.1



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.24 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BN006734.D
 Acq: 06 Jul 2019 02:23

Tgt Ion:240 Resp: 11220
 Ion Ratio Lower Upper
 240 100
 120 12.2 12.9 19.3#
 236 27.0 23.2 34.8





#29

Terphenyl-d14

Concen: 0.391 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN006734.D

Acq: 06 Jul 2019 02:23

Instrument :

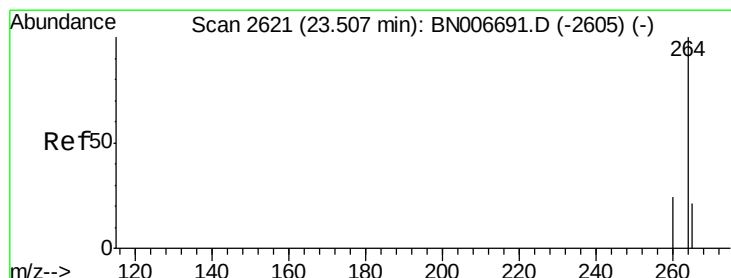
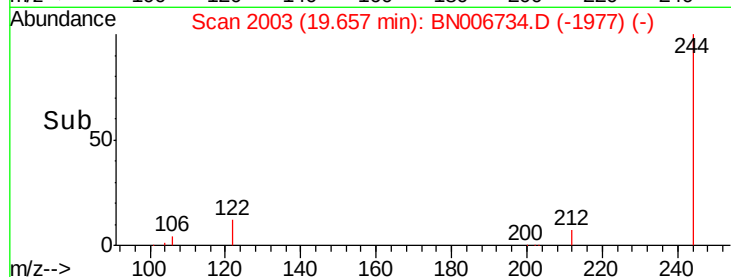
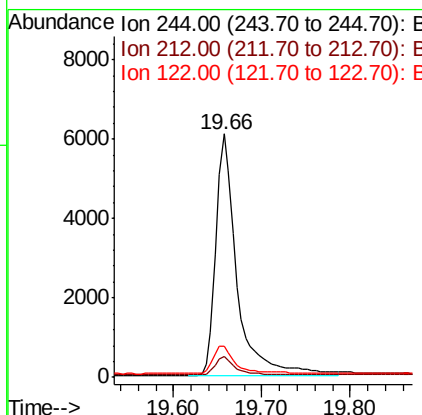
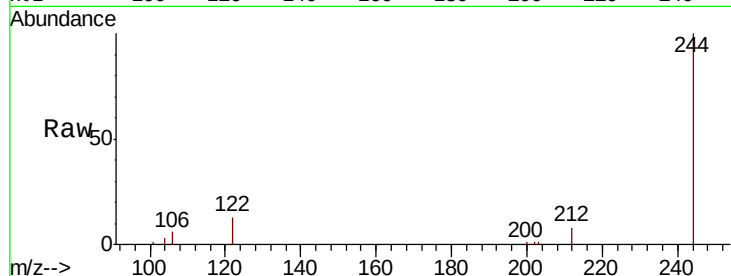
BNA_N

ClientSampleId :

PB121057BL

Tgt Ion:244 Resp: 10109

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.4
122	13.0	11.5	17.3



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.46 min Scan# 2606

Delta R.T. -0.05 min

Lab File: BN006734.D

Acq: 06 Jul 2019 02:23

Tgt Ion:264 Resp: 13879

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.2
265	35.2	33.7	50.5

