

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012420\
 Data File : BN009437.D
 Acq On : 24 Jan 2020 11:51
 Operator : CG/JU
 Sample : L1225-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PF-5

Quant Time: Jan 24 12:30:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 09:33:55 2020
 Response via : Initial Calibration

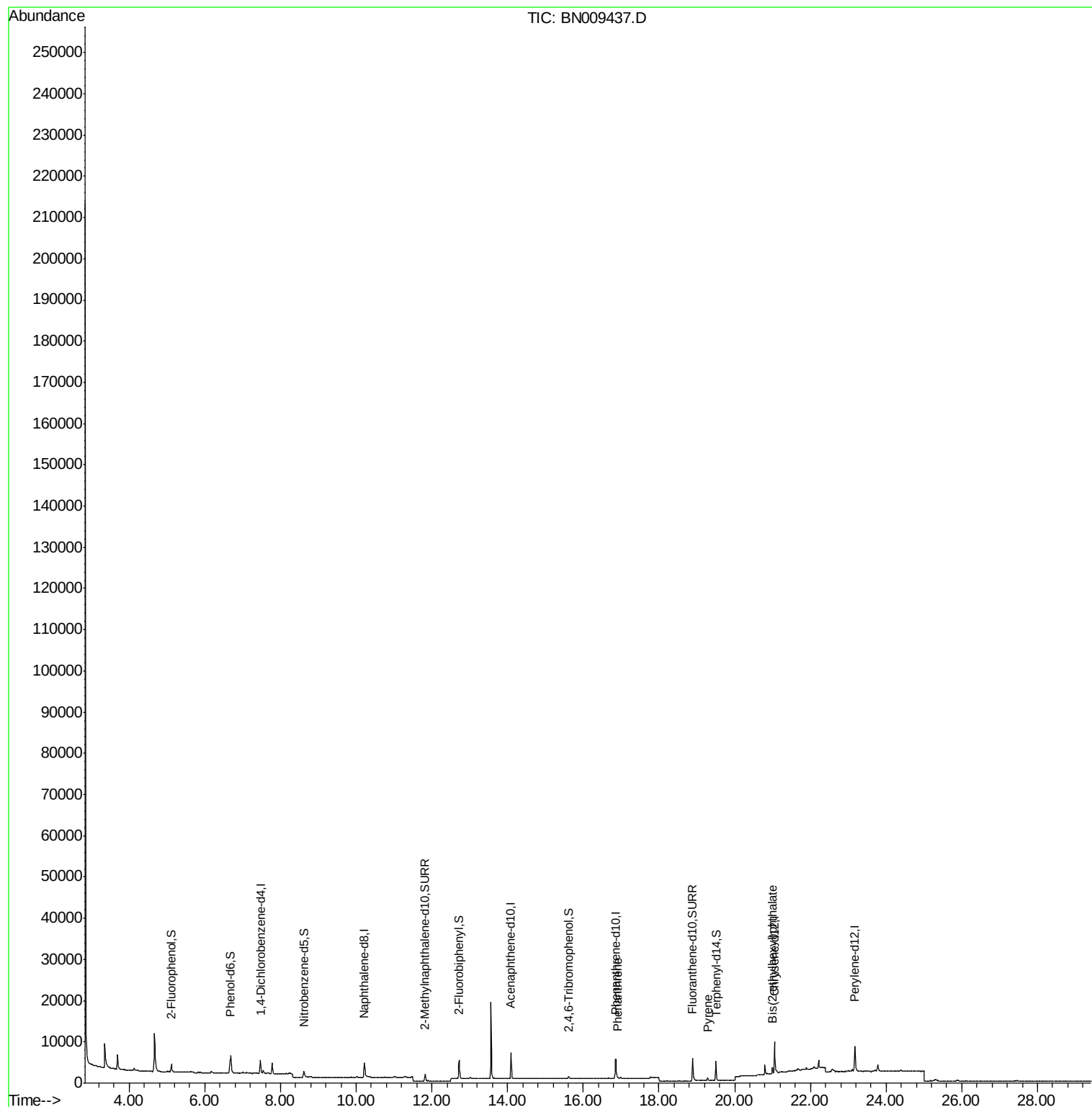
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1738	0.40	ng	0.00
7) Naphthalene-d8	10.22	136	6002	0.40	ng	-0.01
13) Acenaphthene-d10	14.09	164	3922	0.40	ng	-0.02
19) Phenanthrene-d10	16.86	188	8459	0.40	ng	0.00
27) Chrysene-d12	21.06	240	7654	0.40	ng	-0.01
34) Perylene-d12	23.18	264	8410	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	1546	0.39	ng	0.00
5) Phenol-d6	6.66	99	2105	0.45	ng	-0.02
8) Nitrobenzene-d5	8.62	82	1705	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	11.82	152	3258	0.28	ng	-0.01
14) 2,4,6-Tribromophenol	15.62	330	401	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.72	172	4929	0.34	ng	0.00
25) Fluoranthene-d10	18.89	212	7143	0.25	ng	-0.01
29) Terphenyl-d14	19.51	244	5394	0.30	ng	-0.01
Target Compounds						
23) Phenanthrene	16.90	178	517	0.020	ng	Qvalue # 96
28) Pyrene	19.29	202	878	0.030	ng	98
32) Bis(2-ethylhexyl)phthalate	20.99	149	1474	0.132	ng	100

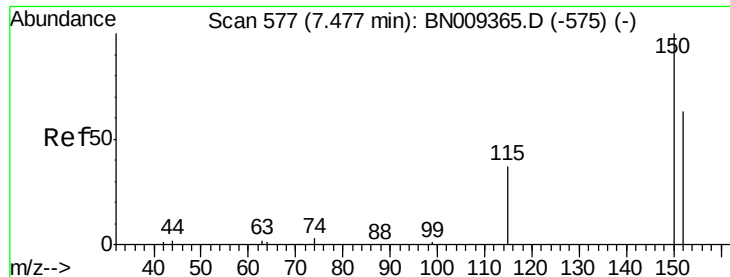
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BN009437.D

Acq: 24 Jan 2020 11:51

Instrument :

BNA_N

ClientSampleId :

PF-5

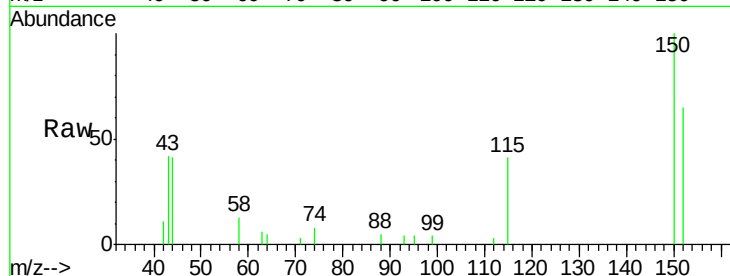
Tot Ion:152 Resp: 1738

Ion Ratio Lower Upper

152 100

150 153.2 125.7 188.5

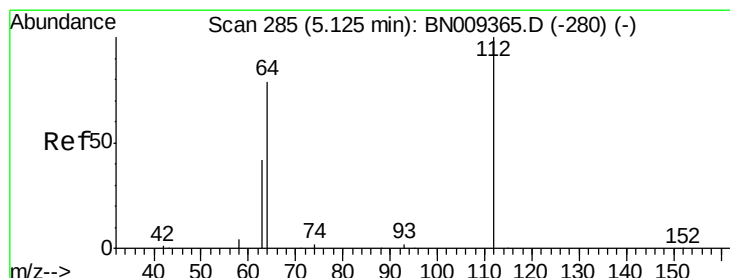
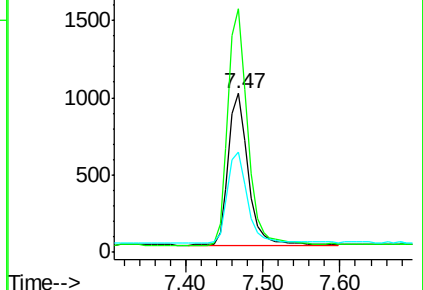
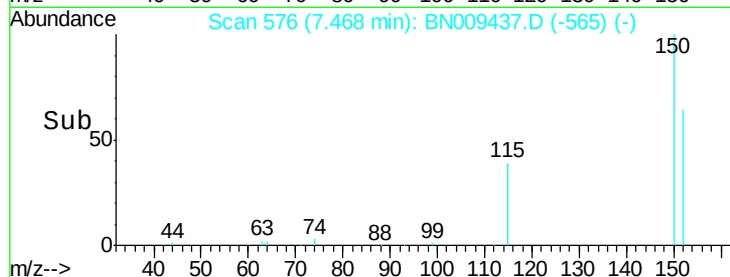
115 63.3 53.3 79.9



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: 0.386 ng

RT: 5.12 min Scan# 284

Delta R.T. -0.01 min

Lab File: BN009437.D

Acq: 24 Jan 2020 11:51

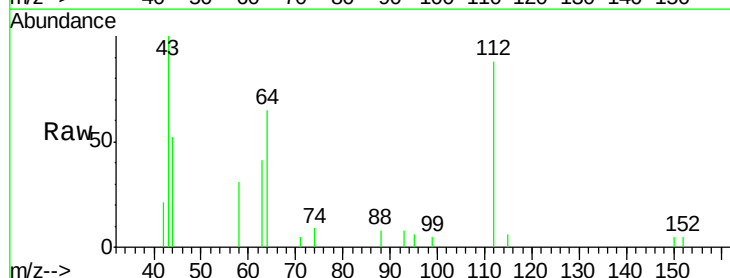
Tgt Ion:112 Resp: 1546

Ion Ratio Lower Upper

112 100

64 75.4 61.5 92.3

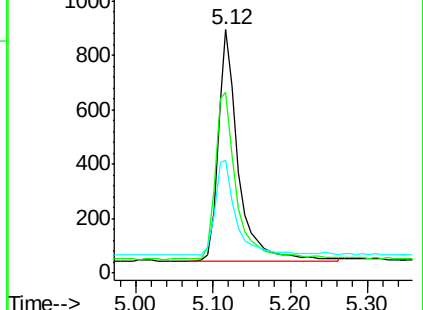
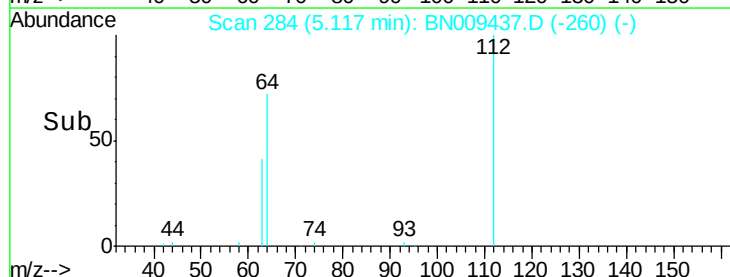
63 42.9 35.0 52.4

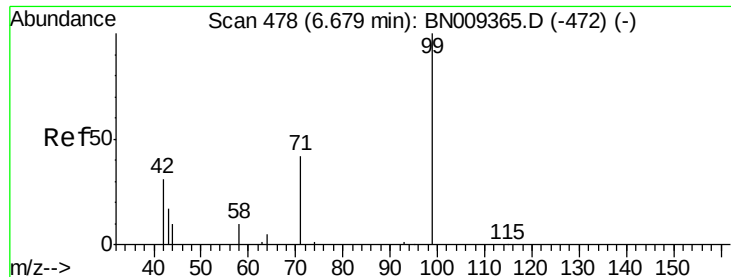


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.455 ng

RT: 6.66 min Scan# 476

Delta R.T. -0.02 min

Lab File: BN009437.D

Acq: 24 Jan 2020 11:51

Instrument :

BNA_N

ClientSampleId :

PF-5

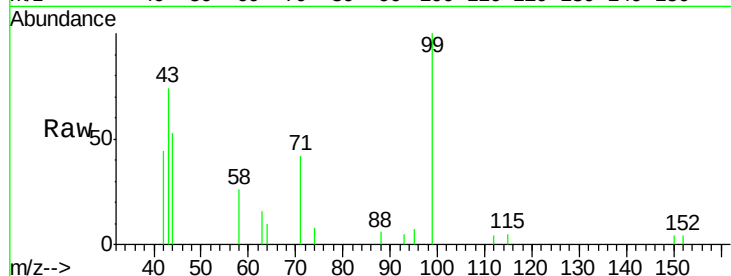
Tot Ion: 99 Resp: 2105

Ion Ratio Lower Upper

99 100

42 51.3 27.6 41.4#

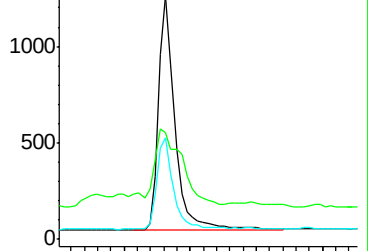
71 40.6 33.0 49.6



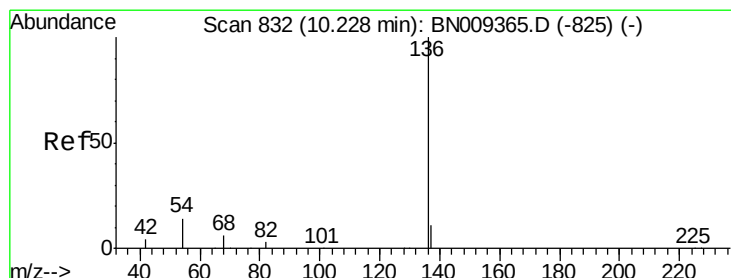
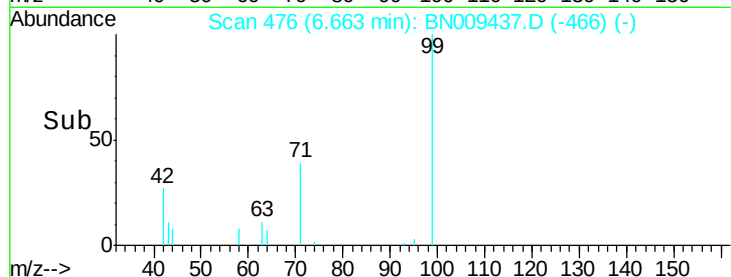
Abundance Ion 99.00 (98.70 to 99.70): BN009437.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN009437.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN009437.D (-472) (-)



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 831

Delta R.T. -0.01 min

Lab File: BN009437.D

Acq: 24 Jan 2020 11:51

Tgt Ion: 136 Resp: 6002

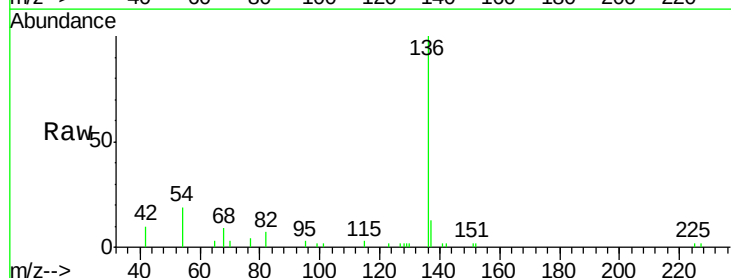
Ion Ratio Lower Upper

136 100

137 12.6 10.3 15.5

54 19.3 12.6 19.0#

68 9.4 6.5 9.7

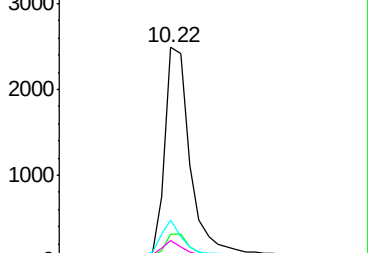


Abundance Ion 136.00 (135.70 to 136.70): BN009437.D (-816) (-)

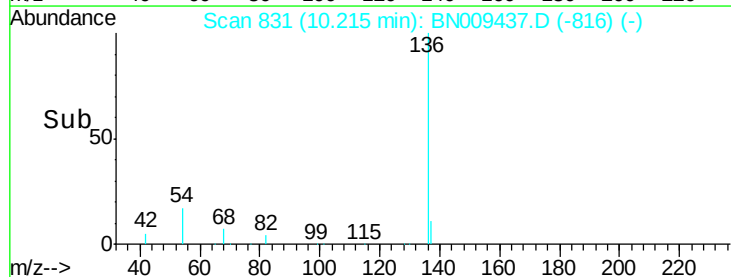
Ion 137.00 (136.70 to 137.70): BN009437.D (-816) (-)

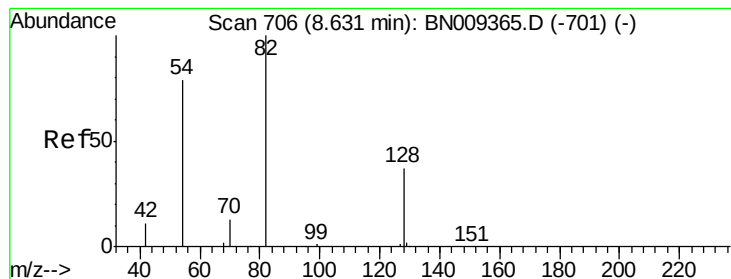
Ion 54.00 (53.70 to 54.70): BN009437.D (-816) (-)

Ion 68.00 (67.70 to 68.70): BN009437.D (-816) (-)



Time-->





#8

Nitrobenzene-d5

Concen: 0.356 ng

RT: 8.62 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN009437.D

Acq: 24 Jan 2020 11:51

Instrument :

BNA_N

ClientSampleId :

PF-5

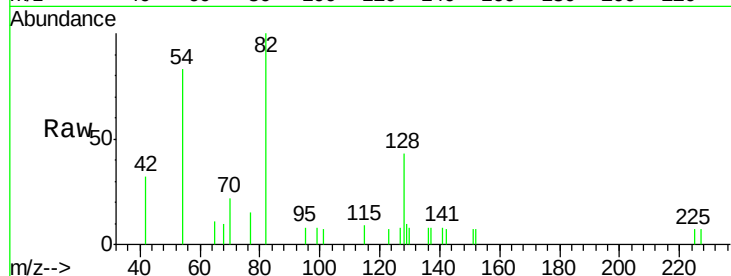
Tot Ion: 82 Resp: 1705

Ion Ratio Lower Upper

82 100

128 42.9 34.8 52.2

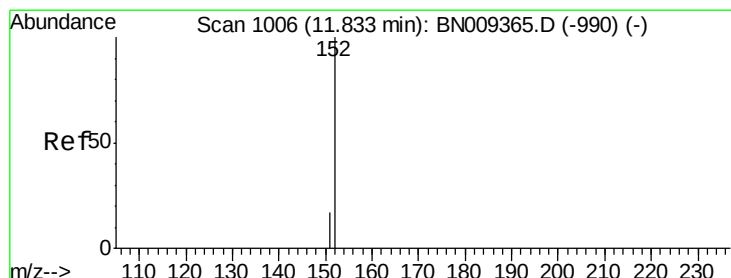
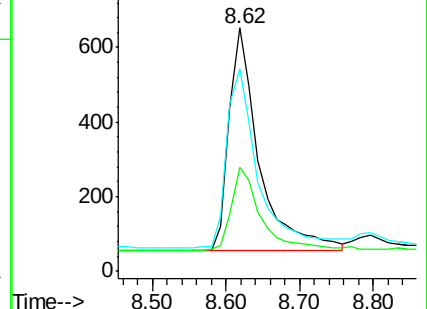
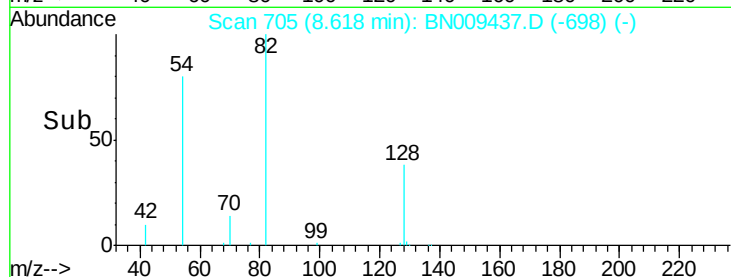
54 83.0 65.8 98.6



Abundance Ion 82.00 (81.70 to 82.70): BN009437.D (-698) (-)

Ion 128.00 (127.70 to 128.70): BN009437.D (-698) (-)

Ion 54.00 (53.70 to 54.70): BN009437.D (-698) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.281 ng

RT: 11.82 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BN009437.D

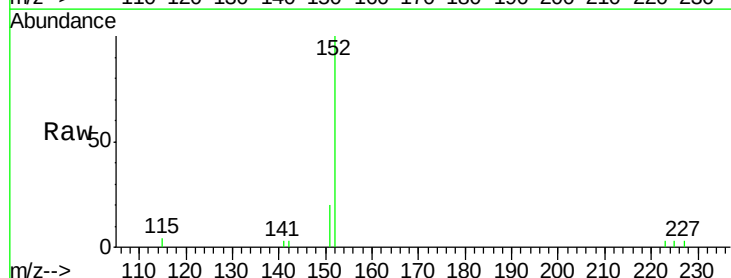
Acq: 24 Jan 2020 11:51

Tgt Ion: 152 Resp: 3258

Ion Ratio Lower Upper

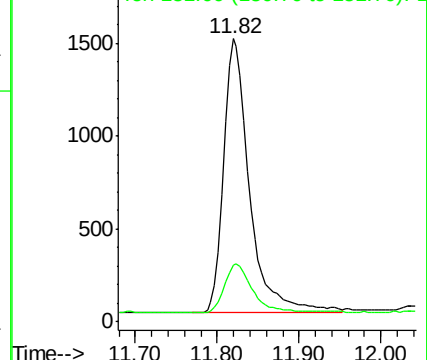
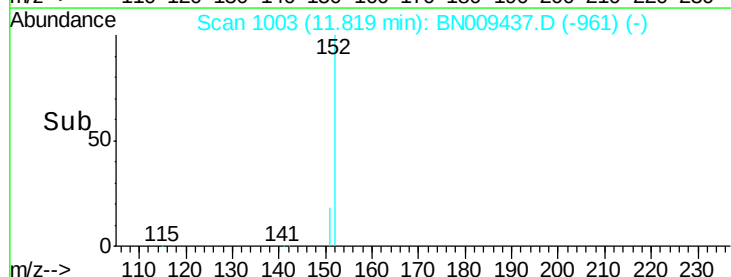
152 100

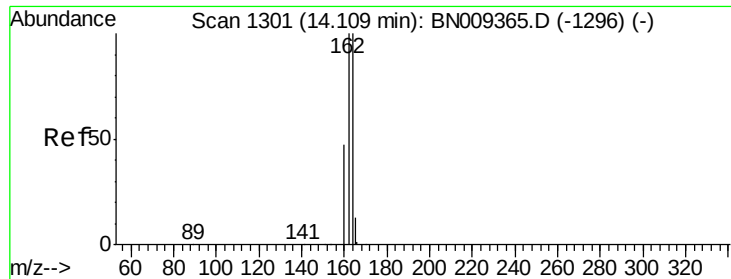
151 19.2 14.8 22.2



Abundance Ion 152.00 (151.70 to 152.70): BN009437.D (-961) (-)

Ion 151.00 (150.70 to 151.70): BN009437.D (-961) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.09 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BN009437.D

Acq: 24 Jan 2020 11:51

Instrument :

BNA_N

ClientSampleId :

PF-5

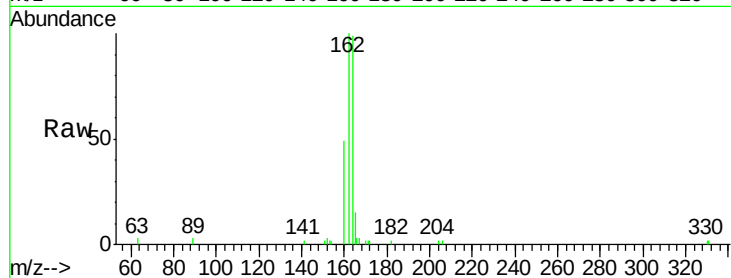
Tot Ion:164 Resp: 3922

Ion Ratio Lower Upper

164 100

162 100.9 79.8 119.6

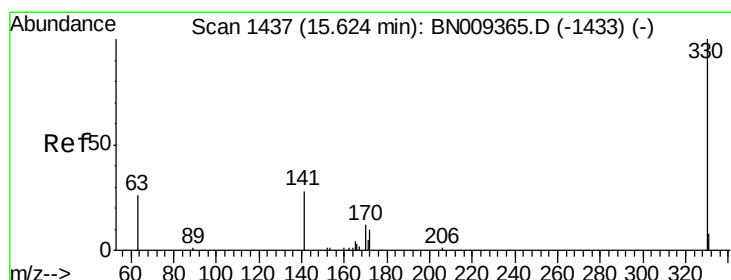
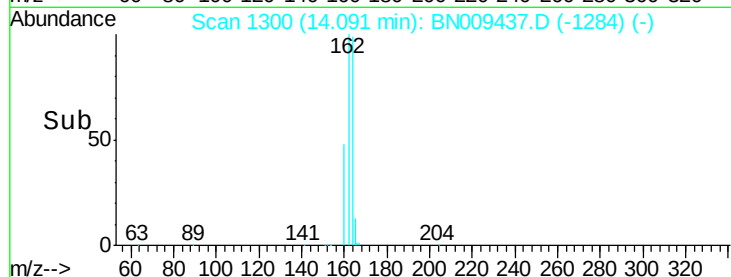
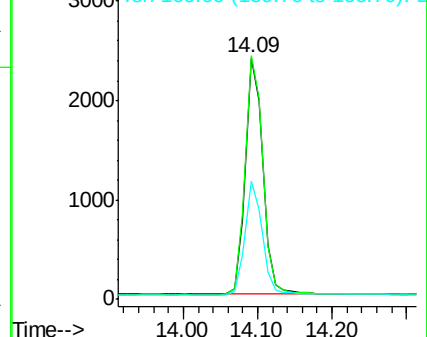
160 49.2 38.4 57.6



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



#14

2,4,6-Tribromophenol

Concen: 0.270 ng

RT: 15.62 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BN009437.D

Acq: 24 Jan 2020 11:51

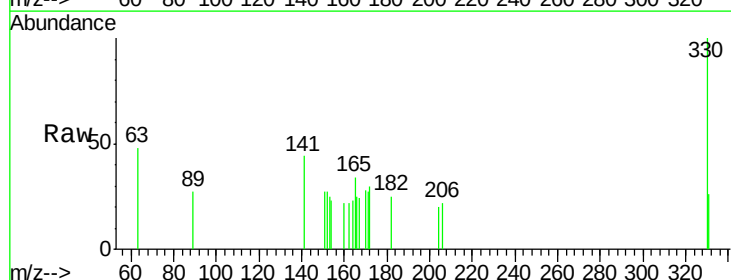
Tgt Ion:330 Resp: 401

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

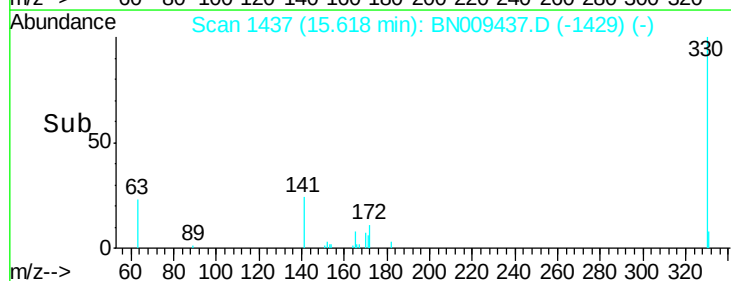
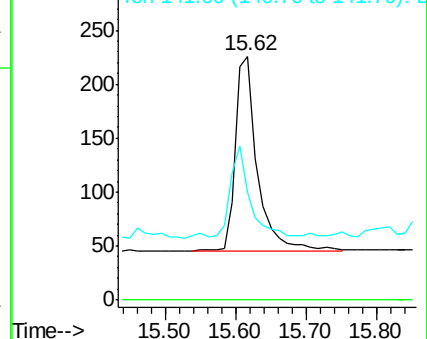
141 41.9 33.1 49.7

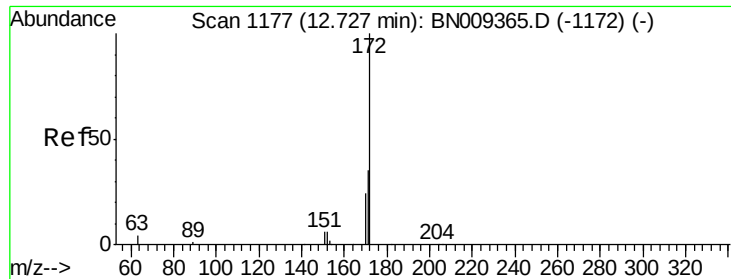


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

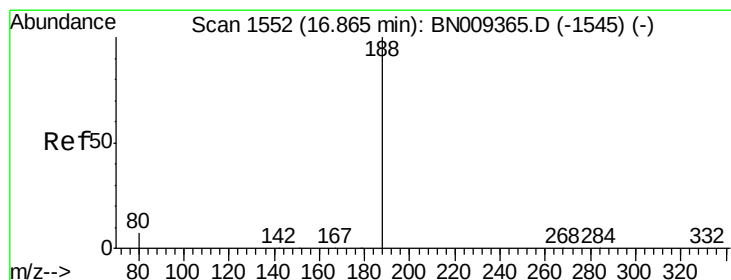
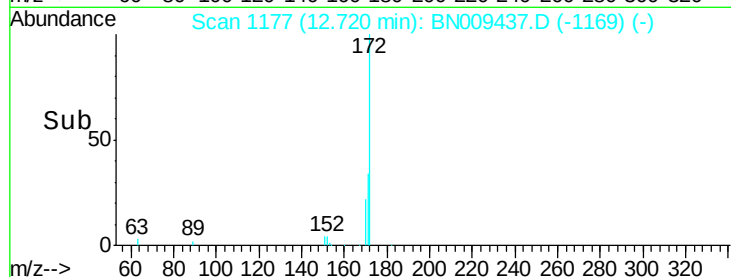
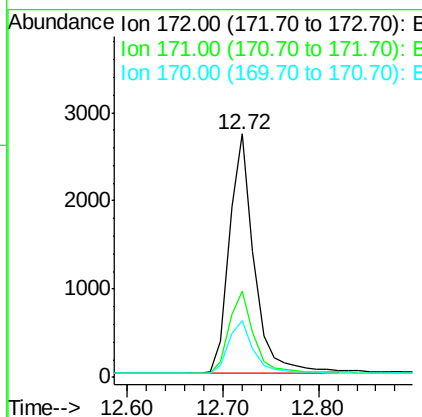
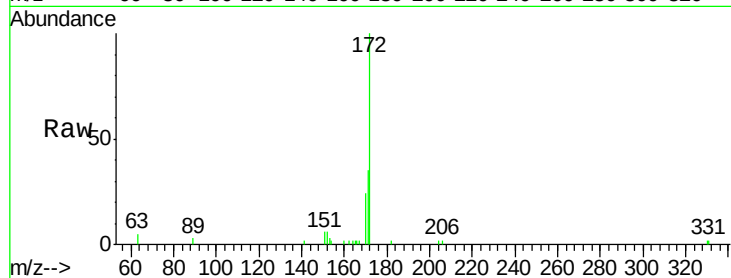




#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 12.72 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN009437.D
Acq: 24 Jan 2020 11:51

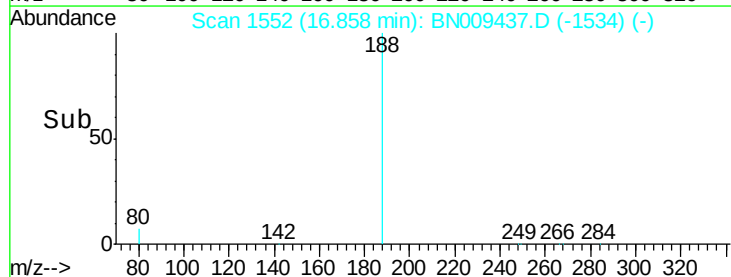
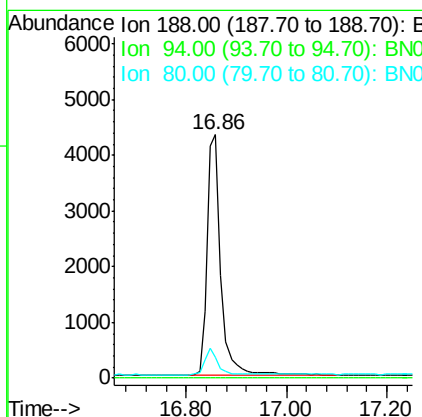
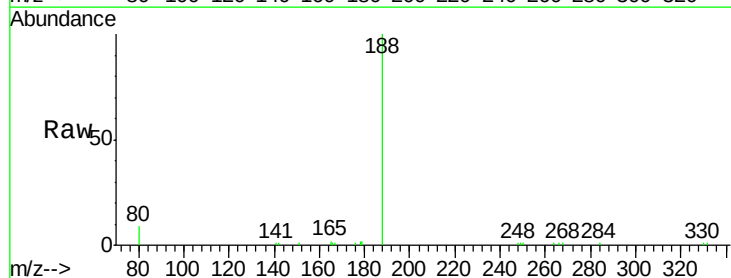
Instrument :
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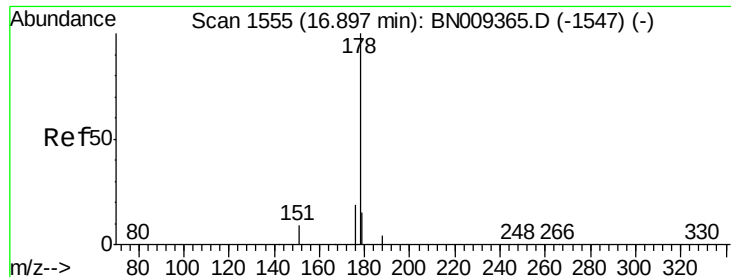
Tot Ion:172 Resp: 4929
Ion Ratio Lower Upper
172 100
171 35.2 29.5 44.3
170 23.5 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.86 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BN009437.D
Acq: 24 Jan 2020 11:51

Tgt Ion:188 Resp: 8459
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 6.6 10.0





#23

Phenanthrene

Concen: 0.020 ng

RT: 16.90 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BN009437.D

Acq: 24 Jan 2020 11:51

Instrument :

BNA_N

ClientSampleId :

PF-5

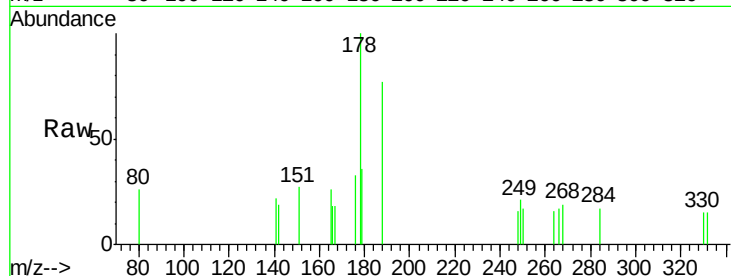
Tot Ion:178 Resp: 517

Ion Ratio Lower Upper

178 100

176 18.0 15.0 22.4

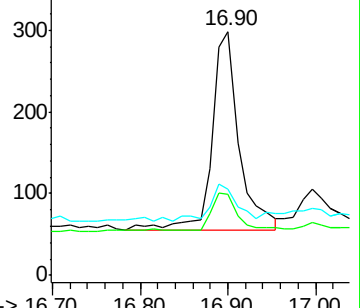
179 18.8 12.3 18.5#



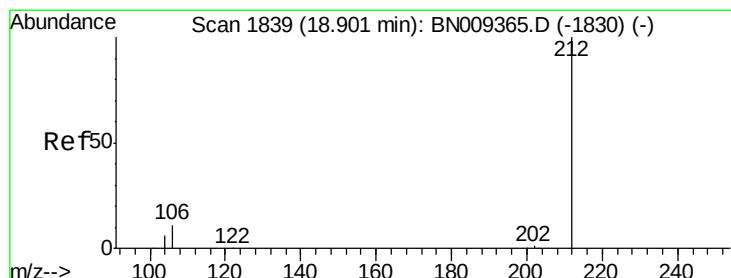
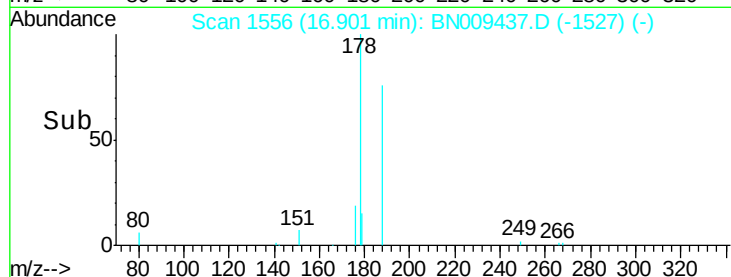
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 16.70 16.80 16.90 17.00



#25

Fluoranthene-d10

Concen: 0.246 ng

RT: 18.89 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BN009437.D

Acq: 24 Jan 2020 11:51

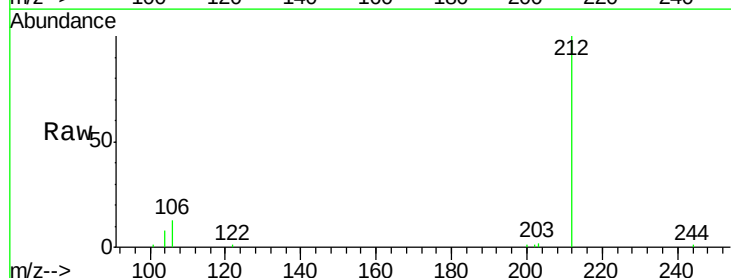
Tgt Ion:212 Resp: 7143

Ion Ratio Lower Upper

212 100

106 11.5 9.2 13.8

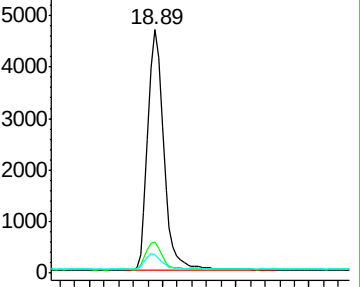
104 6.5 5.4 8.0



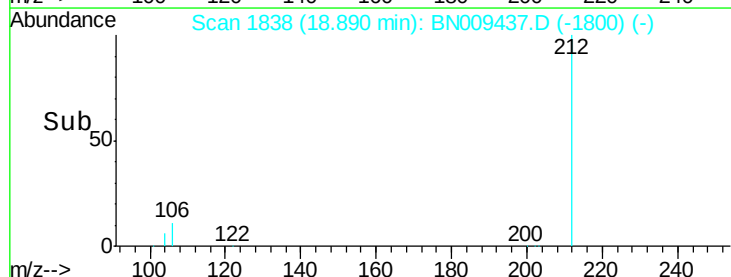
Abundance Ion 212.00 (211.70 to 212.70): E

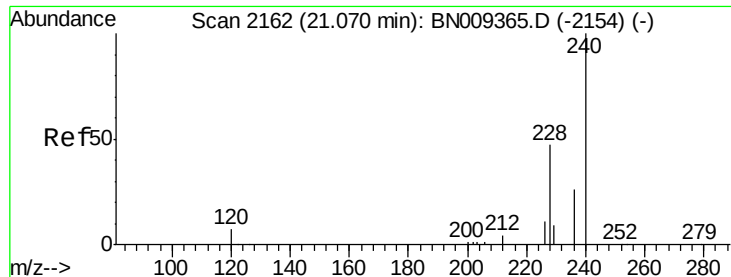
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.80 18.90 19.00 19.10





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN009437.D

Acq: 24 Jan 2020 11:51

Instrument :

BNA_N

ClientSampleId :

PF-5

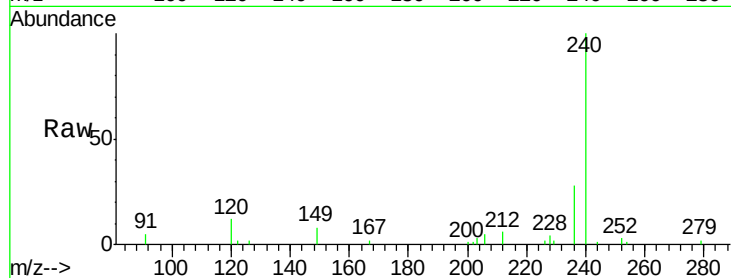
Tot Ion:240 Resp: 7654

Ion Ratio Lower Upper

240 100

120 11.9 8.1 12.1

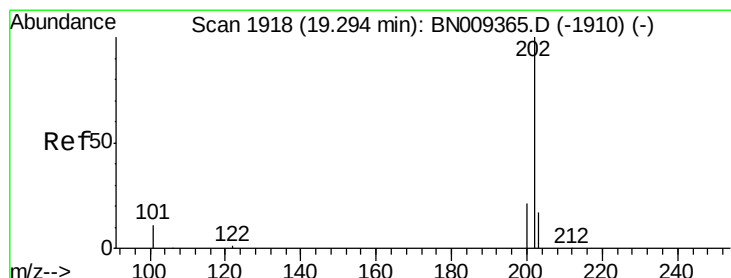
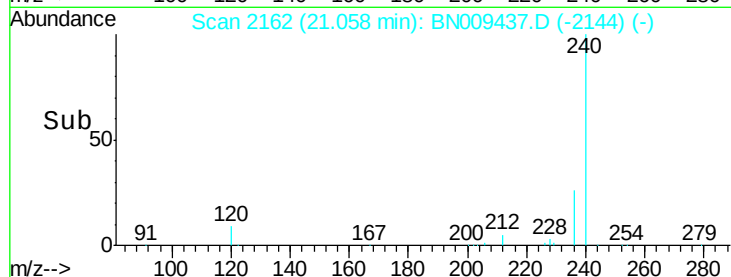
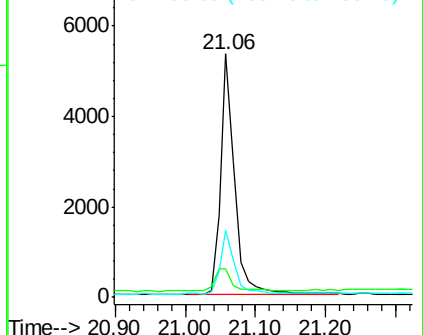
236 27.5 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.030 ng

RT: 19.29 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BN009437.D

Acq: 24 Jan 2020 11:51

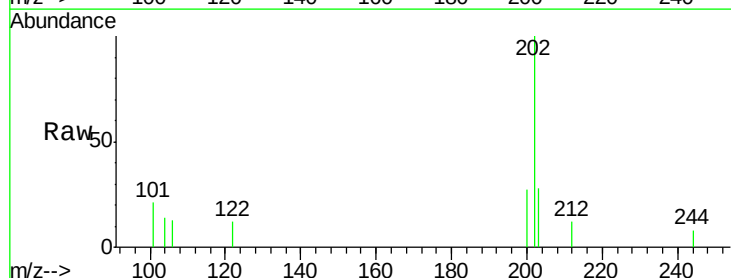
Tgt Ion:202 Resp: 878

Ion Ratio Lower Upper

202 100

200 20.6 16.2 24.2

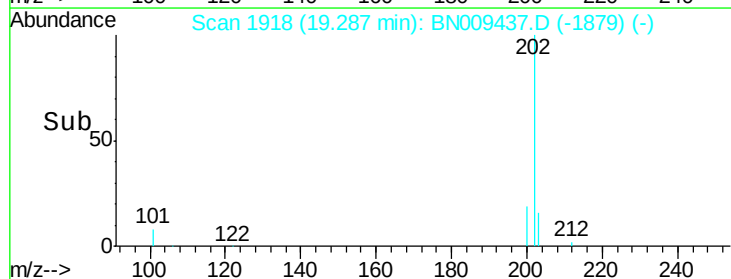
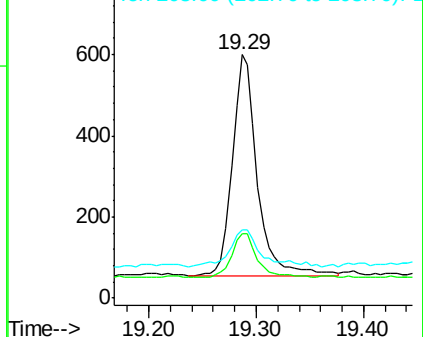
203 18.8 14.1 21.1

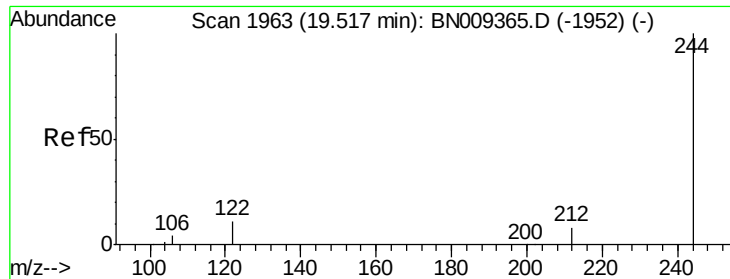


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.297 ng

RT: 19.51 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BN009437.D

Acq: 24 Jan 2020 11:51

Instrument :

BNA_N

ClientSampleId :

PF-5

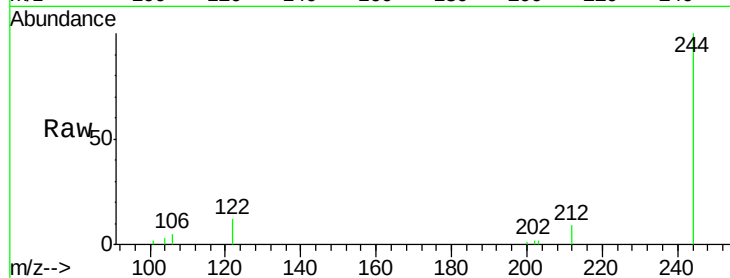
Tot Ion:244 Resp: 5394

Ion Ratio Lower Upper

244 100

212 9.4 7.5 11.3

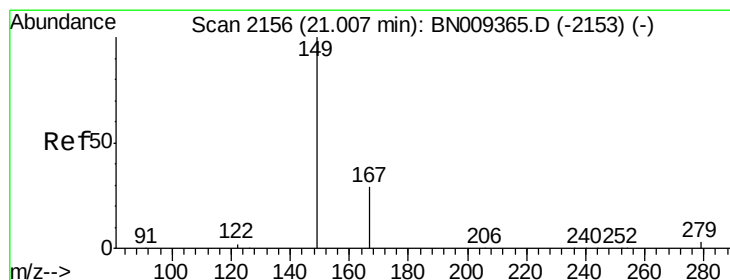
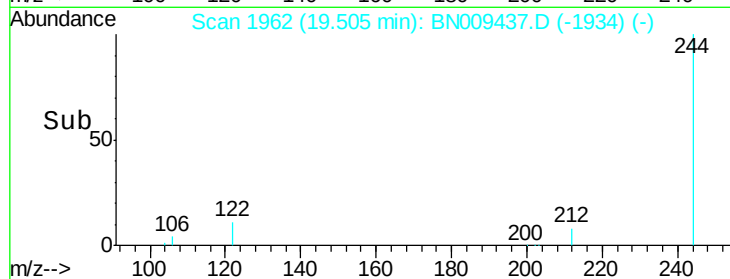
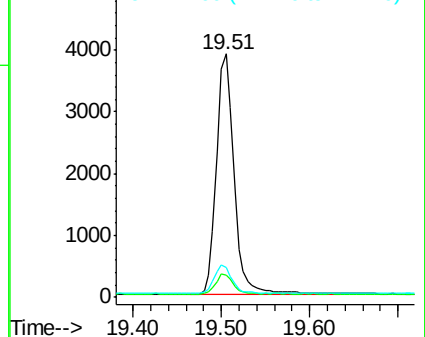
122 12.0 9.8 14.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.132 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN009437.D

Acq: 24 Jan 2020 11:51

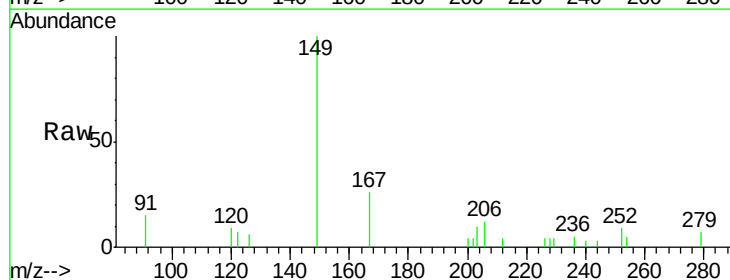
Tgt Ion:149 Resp: 1474

Ion Ratio Lower Upper

149 100

167 28.6 22.9 34.3

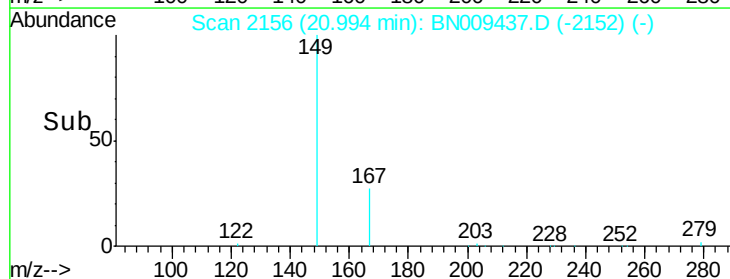
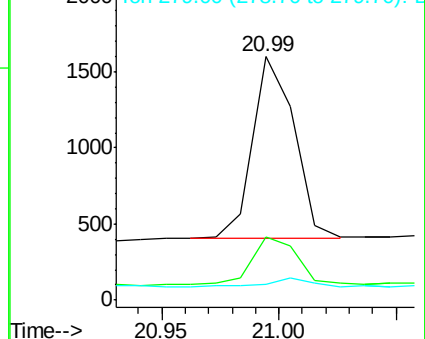
279 4.5 3.4 5.0

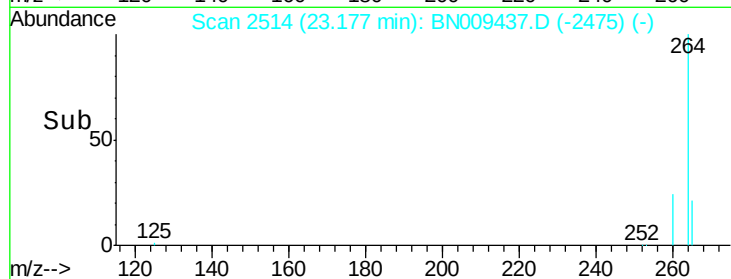
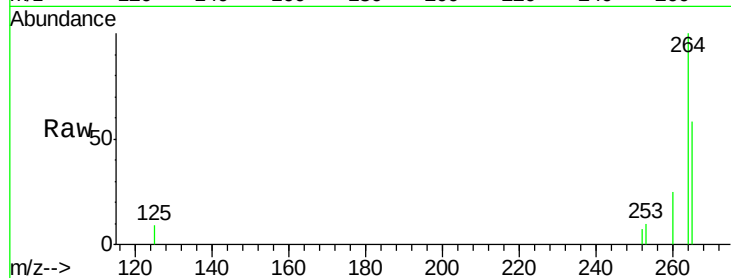
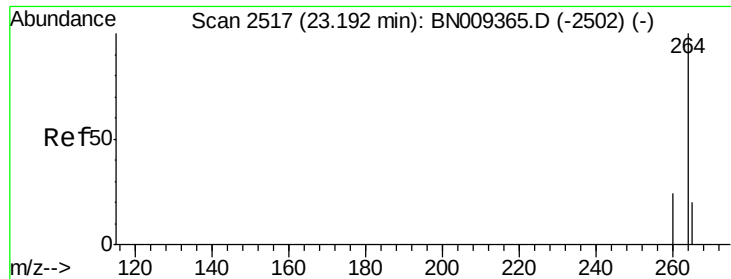


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.18 min Scan# 2514

Delta R.T. -0.02 min

Lab File: BN009437.D

Acq: 24 Jan 2020 11:51

Instrument :

BNA_N

ClientSampleId :

PF-5

Tot Ion: 264 Resp: 8410

Ion Ratio Lower Upper

264 100

260 24.7 20.1 30.1

265 58.4 68.2 102.4#

