

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112519\
 Data File : BN008748.D
 Acq On : 25 Nov 2019 21:51
 Operator : JU
 Sample : K5987-03RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 26 02:54:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 25 10:49:40 2019
 Response via : Initial Calibration

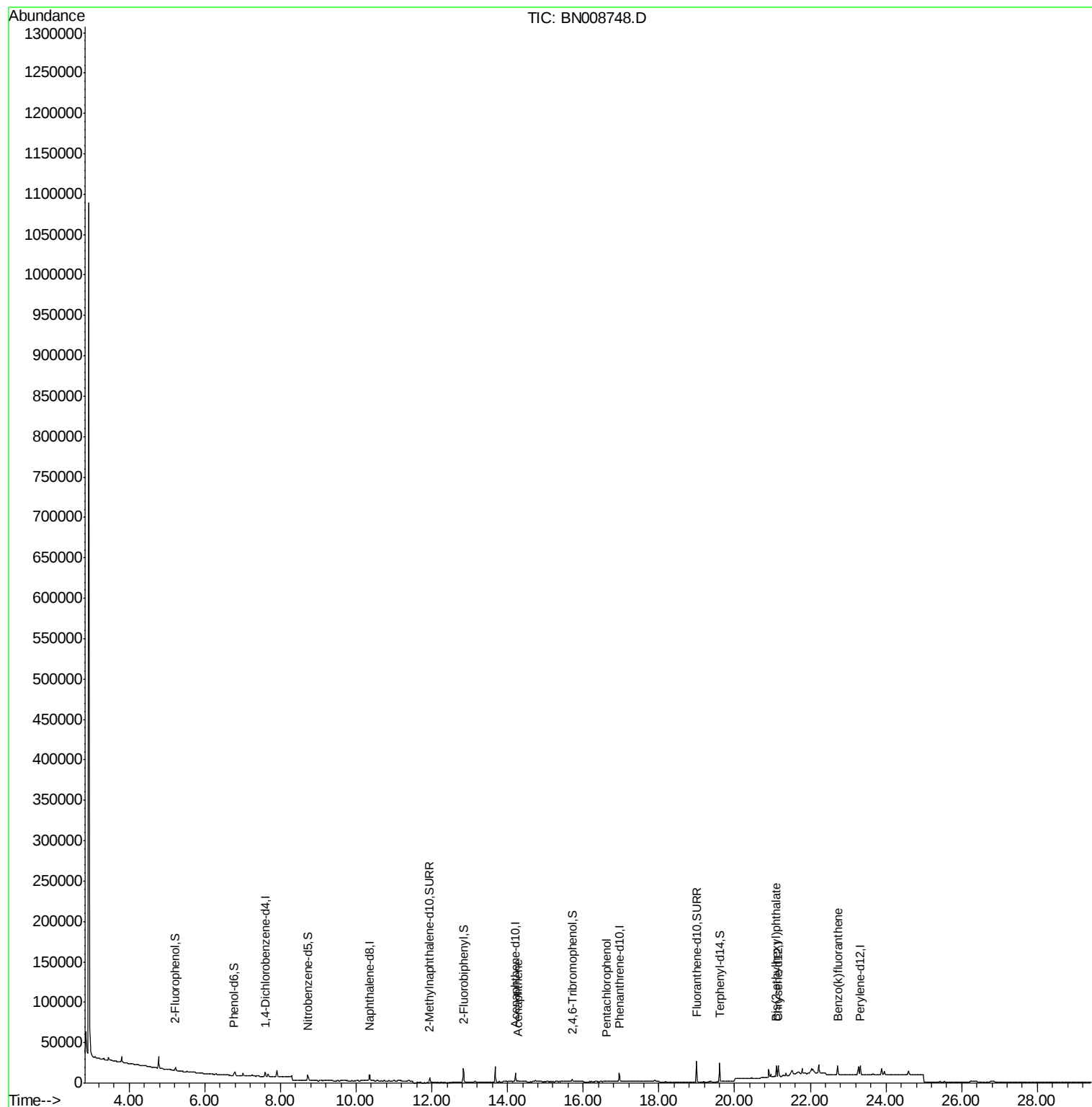
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2770	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	10074	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	6201	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	13488	0.40	ng	-0.01
27) Chrysene-d12	21.15	240	13054	0.40	ng	-0.01
34) Perylene-d12	23.32	264	13539	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	2857	0.39	ng	0.00
5) Phenol-d6	6.78	99	3101	0.34	ng	0.00
8) Nitrobenzene-d5	8.72	82	5146	0.57	ng	-0.01
11) 2-Methylnaphthalene-d10	11.94	152	8967	0.56	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	2225	0.77	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	14463	0.60	ng	-0.01
25) Fluoranthene-d10	18.99	212	27570	0.70	ng	0.00
29) Terphenyl-d14	19.60	244	22658	0.72	ng	0.00
Target Compounds						
17) Acenaphthene	14.28	154	538	0.029	ng	# 47
22) Pentachlorophenol	16.61	266	70	0.021	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.10	149	11942	0.385	ng	100
36) Benzo(k)fluoranthene	22.72	252	1306	0.028	ng	# 1

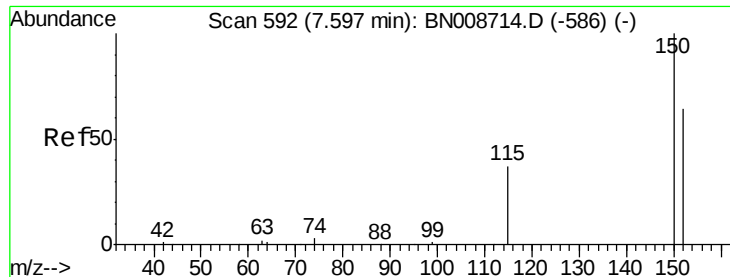
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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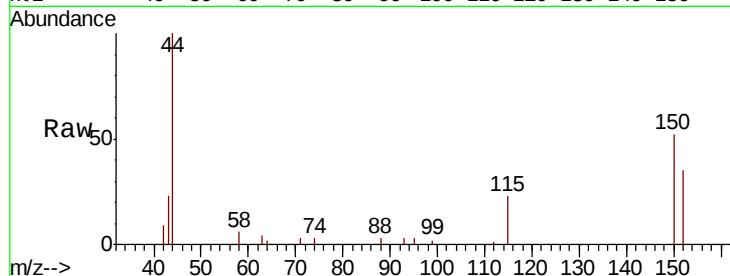


#1

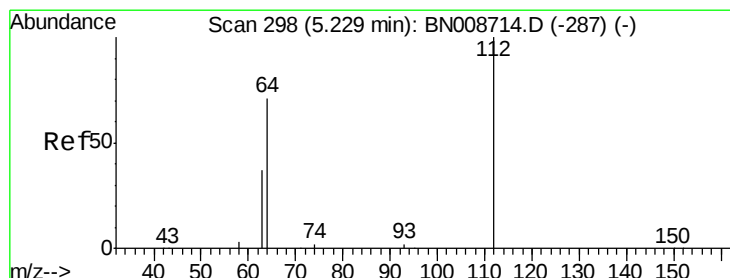
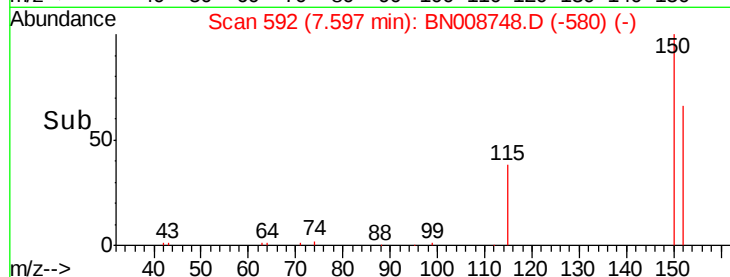
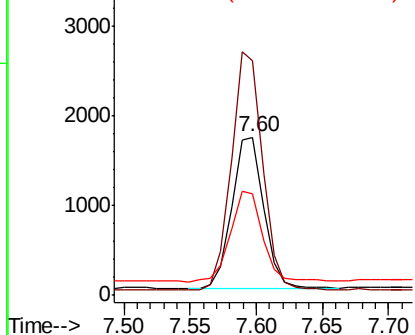
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008748.D
Acq: 25 Nov 2019 21:51

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 2770
Ion Ratio Lower Upper
152 100
150 148.3 124.0 186.0
115 64.1 49.8 74.8



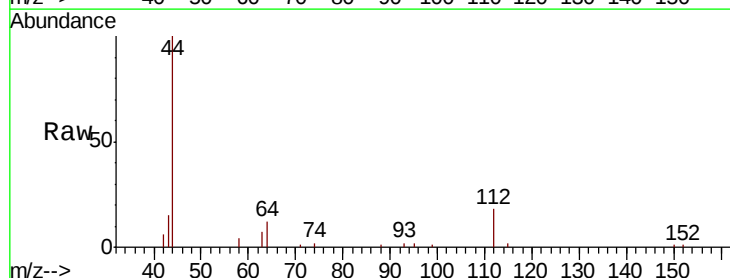
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



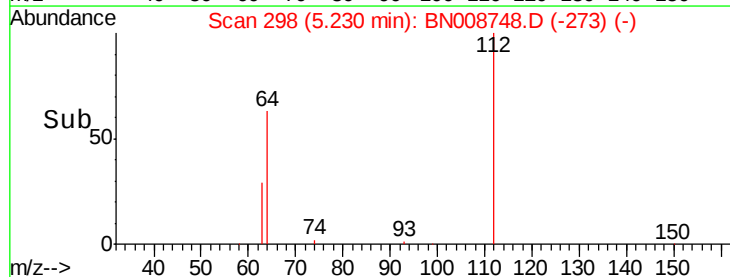
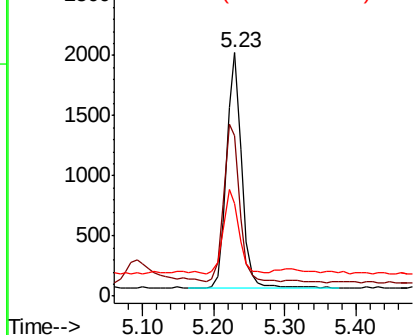
#4

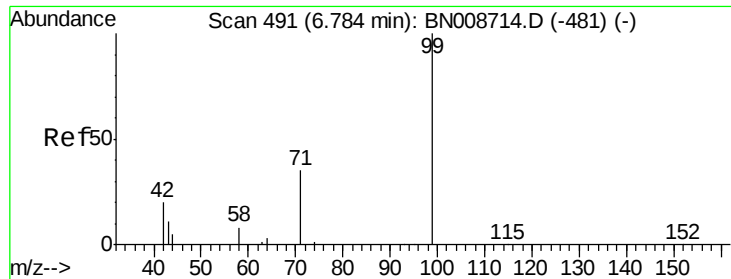
2-Fluorophenol
Concen: 0.394 ng
RT: 5.23 min Scan# 298
Delta R.T. 0.00 min
Lab File: BN008748.D
Acq: 25 Nov 2019 21:51

Tgt Ion:112 Resp: 2857
Ion Ratio Lower Upper
112 100
64 70.3 57.1 85.7
63 36.8 29.7 44.5



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: 0.338 ng

RT: 6.78 min Scan# 490

Delta R.T. -0.01 min

Lab File: BN008748.D

Acq: 25 Nov 2019 21:51

Instrument :

BNA_N

ClientSampleId :

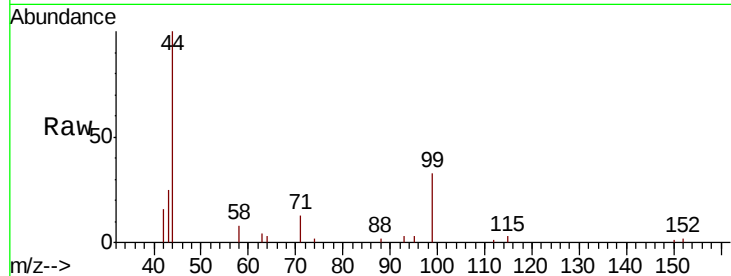
Tot Ion: 99 Resp: 3101

Ion Ratio Lower Upper

99 100

42 33.2 19.4 29.2#

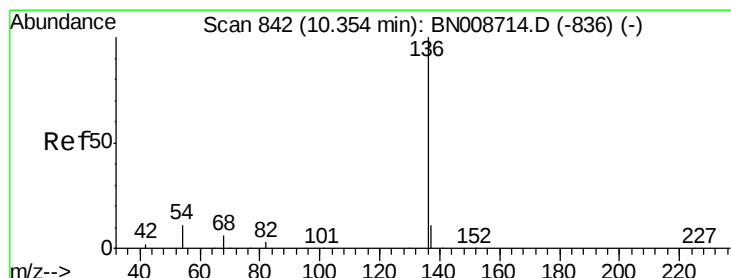
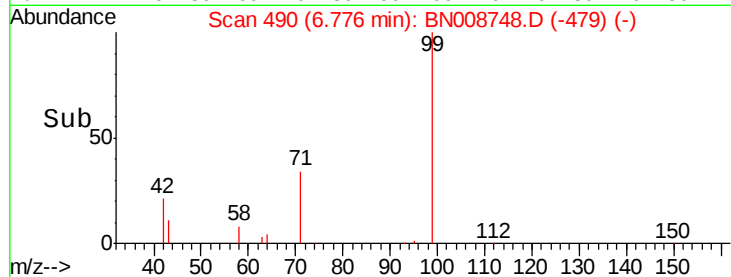
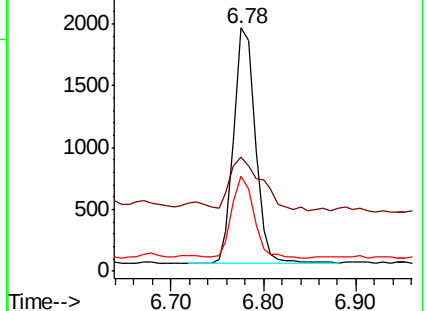
71 34.6 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BN008714.D (-481) (-)

Ion 42.00 (41.70 to 42.70): BN008714.D (-481) (-)

Ion 71.00 (70.70 to 71.70): BN008714.D (-481) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN008748.D

Acq: 25 Nov 2019 21:51

Tgt Ion: 136 Resp: 10074

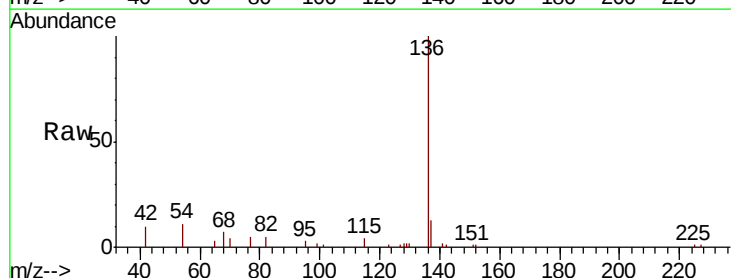
Ion Ratio Lower Upper

136 100

137 12.5 9.3 13.9

54 10.5 9.4 14.2

68 7.3 5.8 8.6

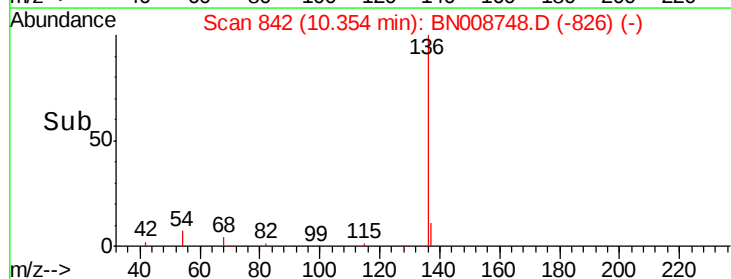
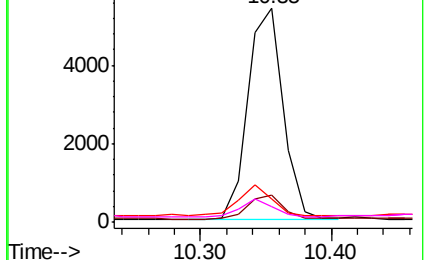


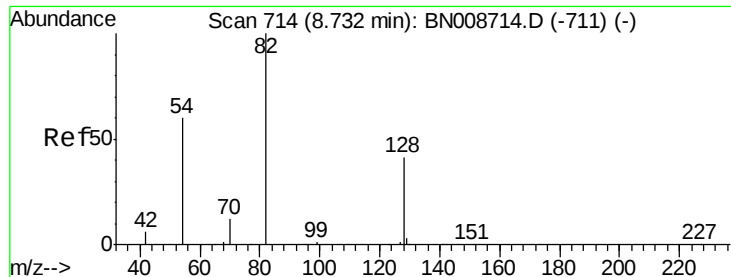
Abundance Ion 136.00 (135.70 to 136.70): BN008714.D (-836) (-)

Ion 137.00 (136.70 to 137.70): BN008714.D (-836) (-)

Ion 54.00 (53.70 to 54.70): BN008714.D (-836) (-)

Ion 68.00 (67.70 to 68.70): BN008714.D (-836) (-)





#8

Nitrobenzene-d5

Concen: 0.569 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.01 min

Lab File: BN008748.D

Acq: 25 Nov 2019 21:51

Instrument :

BNA_N

ClientSampleId :

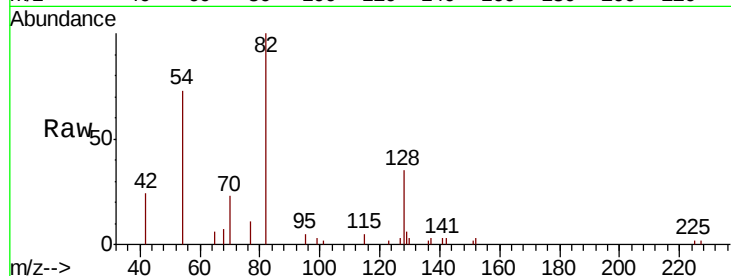
Tot Ion: 82 Resp: 5146

Ion Ratio Lower Upper

82 100

128 35.4 34.6 52.0

54 73.0 50.2 75.4

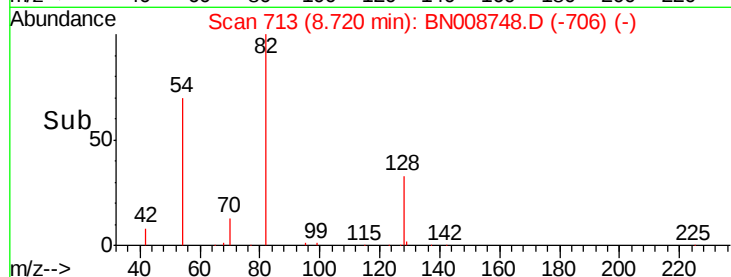


Abundance Ion 82.00 (81.70 to 82.70): BN008714.D (-711) (-)

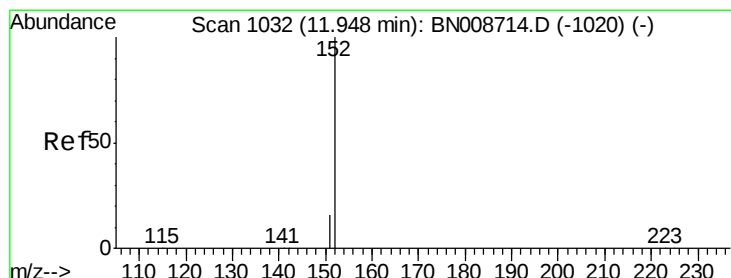
Ion 128.00 (127.70 to 128.70): BN008714.D (-711) (-)

Ion 54.00 (53.70 to 54.70): BN008714.D (-711) (-)

Time-->



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.564 ng

RT: 11.94 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BN008748.D

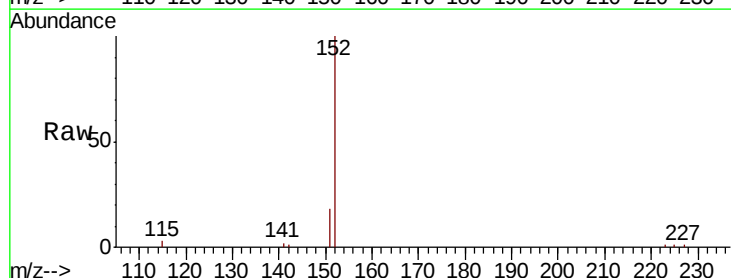
Acq: 25 Nov 2019 21:51

Tgt Ion: 152 Resp: 8967

Ion Ratio Lower Upper

152 100

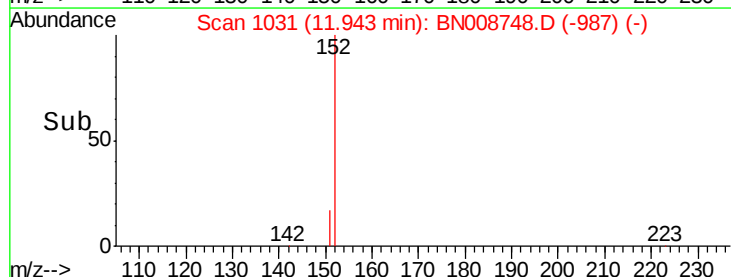
151 19.0 15.2 22.8



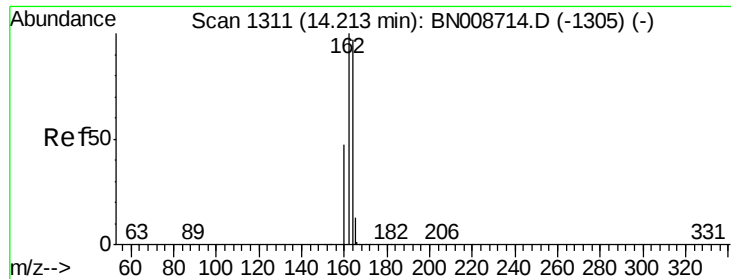
Abundance Ion 152.00 (151.70 to 152.70): BN008714.D (-1020) (-)

Ion 151.00 (150.70 to 151.70): BN008714.D (-1020) (-)

Time-->



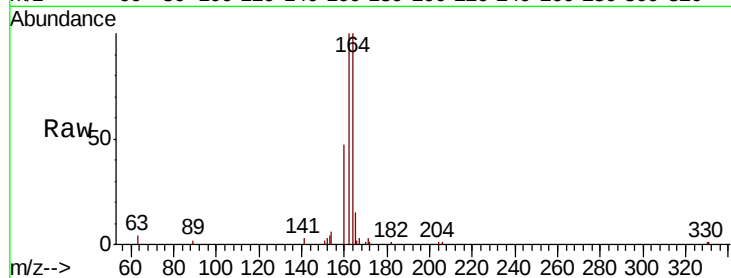
Time-->



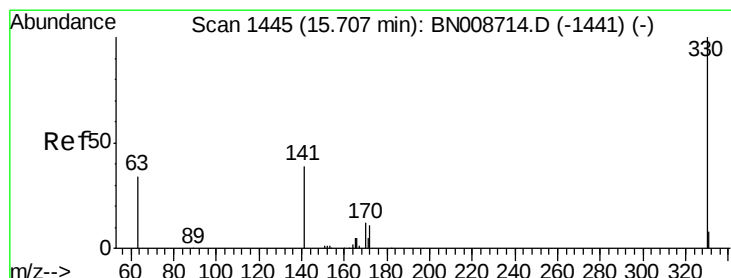
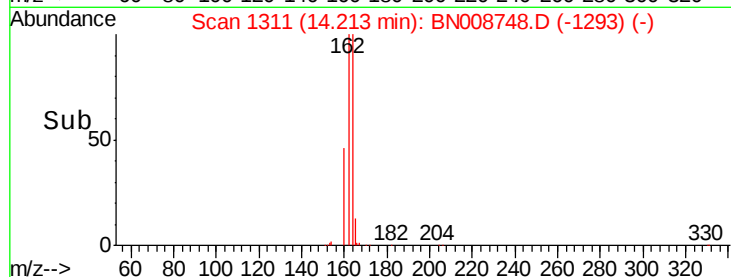
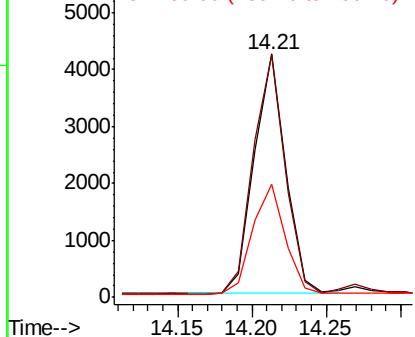
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN008748.D
Acq: 25 Nov 2019 21:51

Instrument :
BNA_N
ClientSampled :

Tot Ion:164 Resp: 6201
Ion Ratio Lower Upper
164 100
162 99.6 82.2 123.4
160 46.6 38.7 58.1

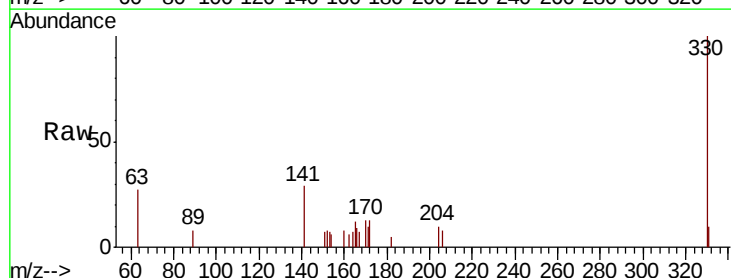


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

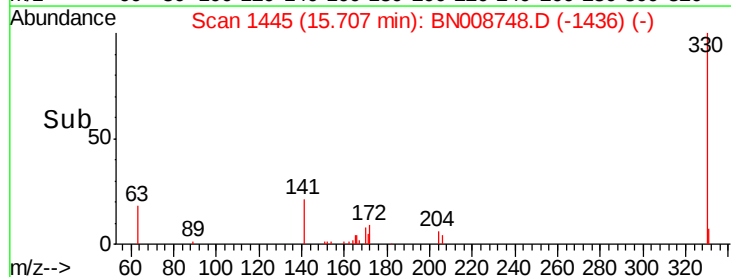
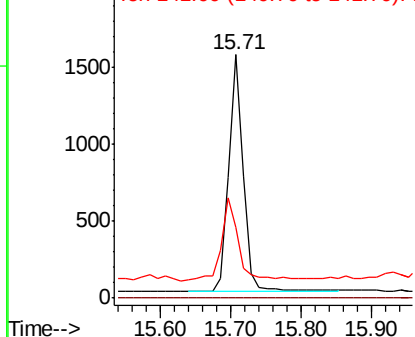


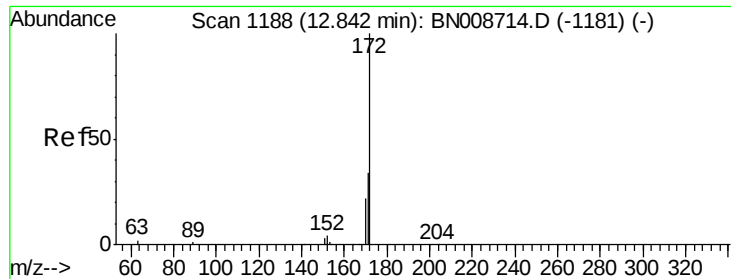
#14
2,4,6-Tribromophenol
Concen: 0.772 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BN008748.D
Acq: 25 Nov 2019 21:51

Tgt Ion:330 Resp: 2225
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.9 29.5 44.3



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

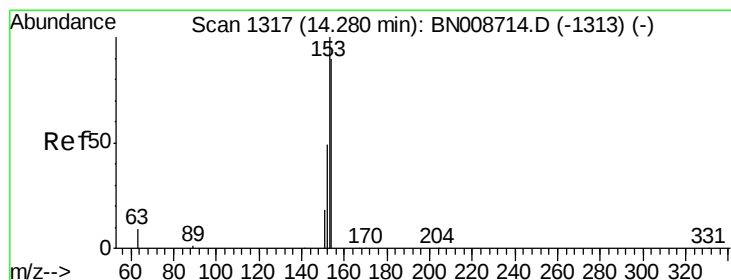
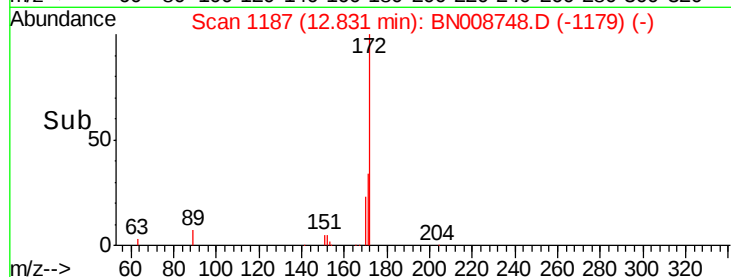
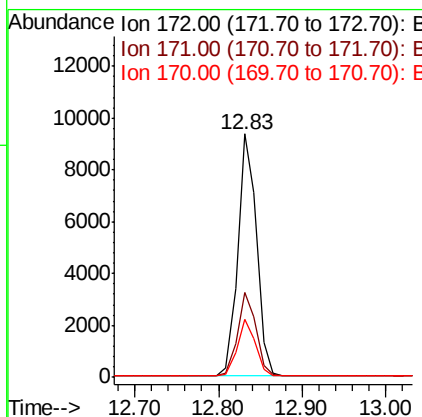
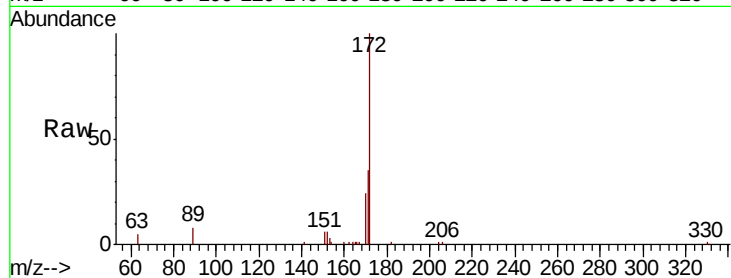




#15
2-Fluorobiphenyl
Concen: 0.597 ng
RT: 12.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BN008748.D
Acq: 25 Nov 2019 21:51

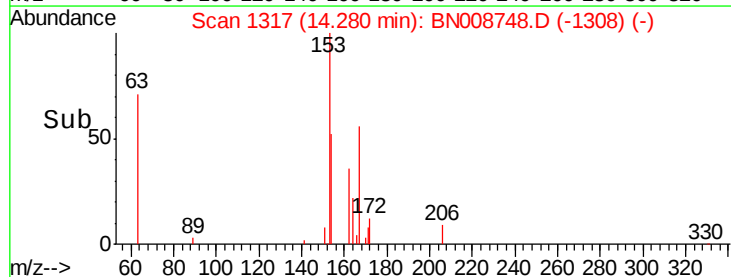
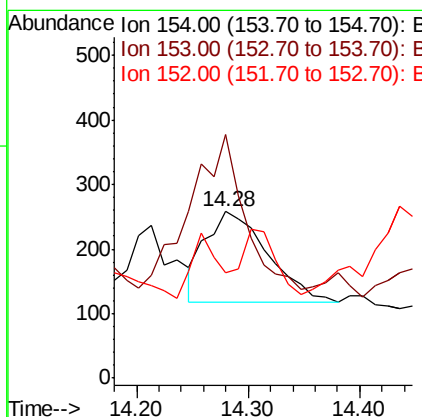
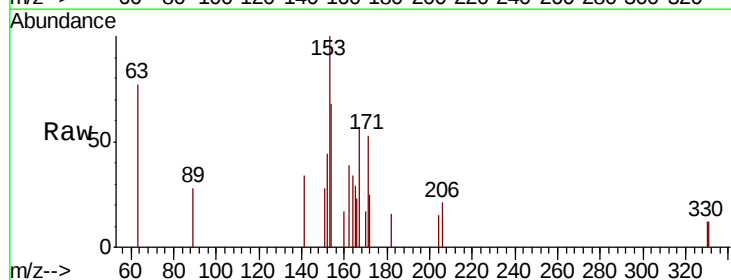
Instrument :
BNA_N
ClientSampleId :

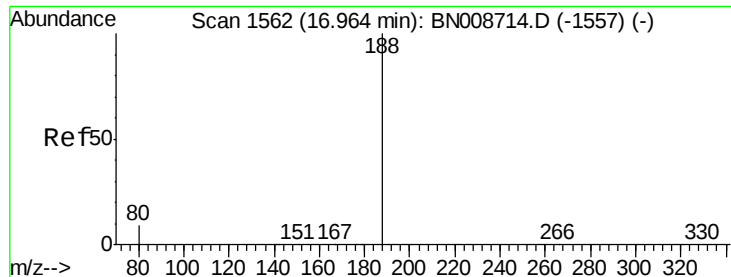
Tot Ion:172 Resp: 14463
Ion Ratio Lower Upper
172 100
171 34.9 27.3 40.9
170 23.7 17.8 26.6



#17
Acenaphthene
Concen: 0.029 ng
RT: 14.28 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BN008748.D
Acq: 25 Nov 2019 21:51

Tgt Ion:154 Resp: 538
Ion Ratio Lower Upper
154 100
153 155.4 89.6 134.4#
152 0.0 44.7 67.1#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN008748.D

Acq: 25 Nov 2019 21:51

Instrument :

BNA_N

ClientSampleId :

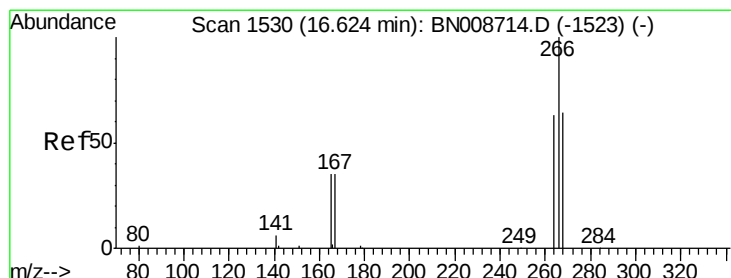
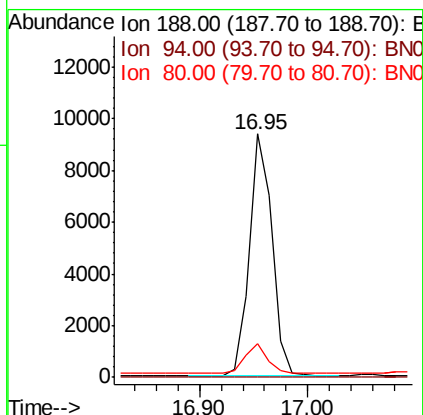
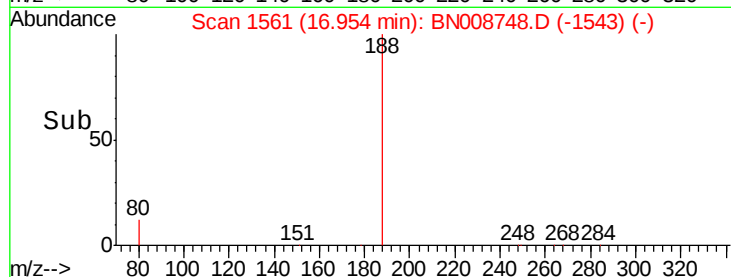
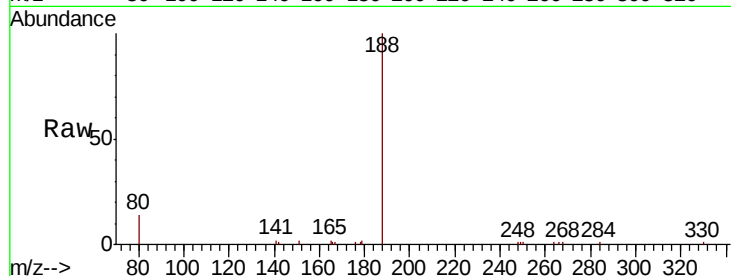
Tot Ion:188 Resp: 13488

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.7 7.4 11.0#



#22

Pentachlorophenol

Concen: 0.021 ng

RT: 16.61 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BN008748.D

Acq: 25 Nov 2019 21:51

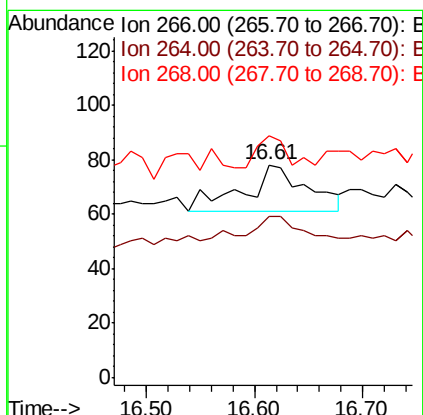
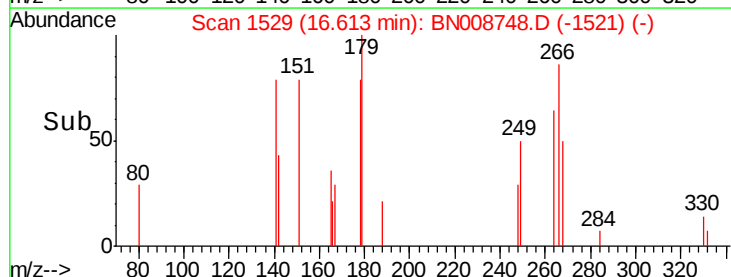
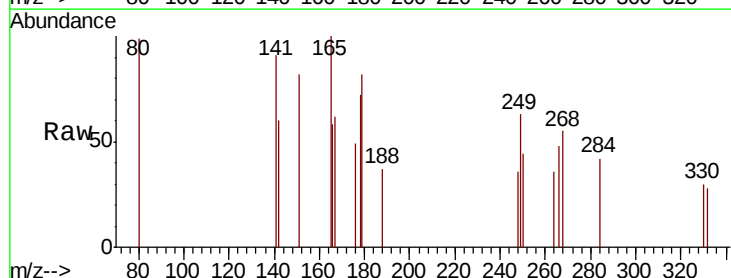
Tgt Ion:266 Resp: 70

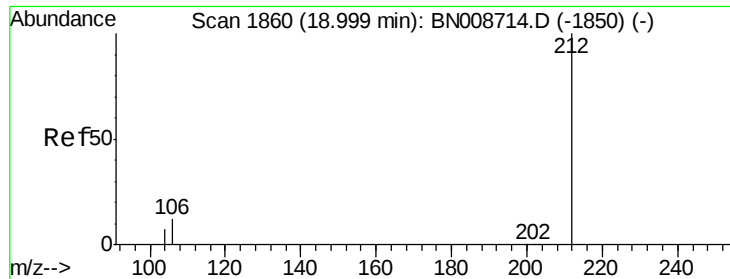
Ion Ratio Lower Upper

266 100

264 75.6 51.0 76.4

268 114.1 54.1 81.1#





#25

Fluoranthene-d10

Concen: 0.695 ng

RT: 18.99 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BN008748.D

Acq: 25 Nov 2019 21:51

Instrument :

BNA_N

ClientSampleId :

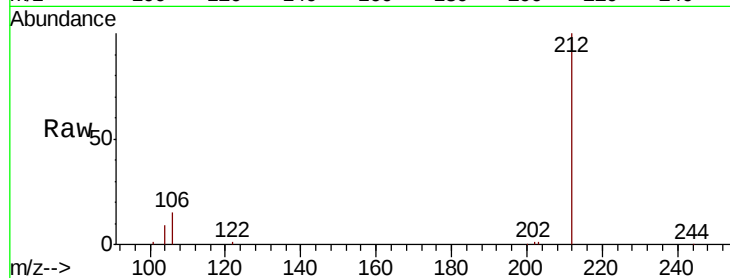
Tot Ion:212 Resp: 27570

Ion Ratio Lower Upper

212 100

106 14.0 10.6 15.8

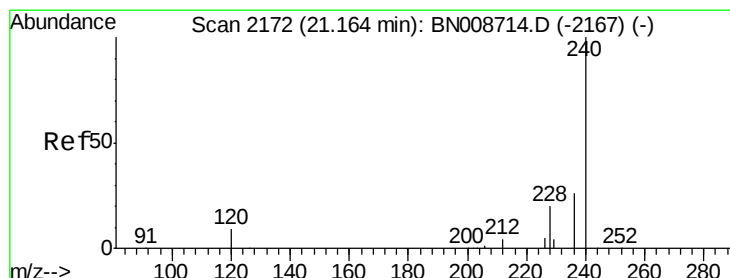
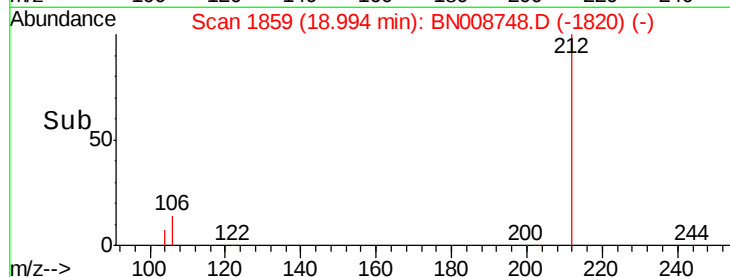
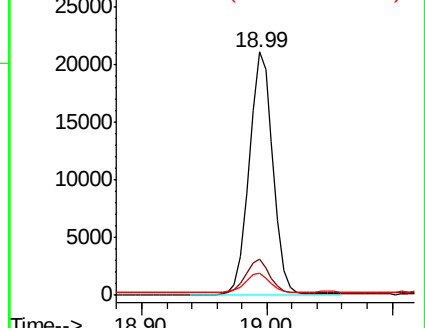
104 7.6 6.0 9.0



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.15 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN008748.D

Acq: 25 Nov 2019 21:51

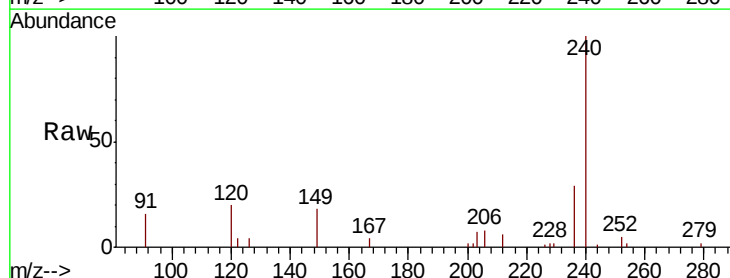
Tgt Ion:240 Resp: 13054

Ion Ratio Lower Upper

240 100

120 20.0 9.0 13.4#

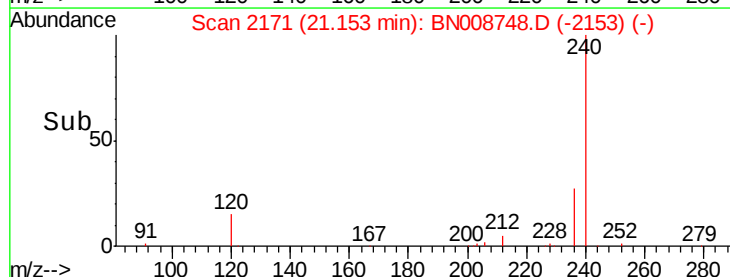
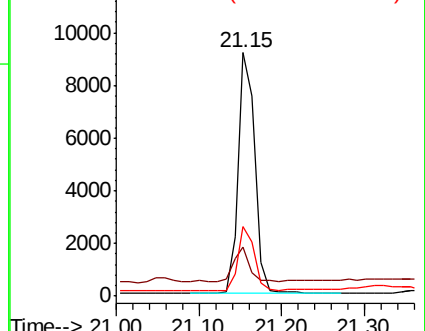
236 28.7 21.8 32.6

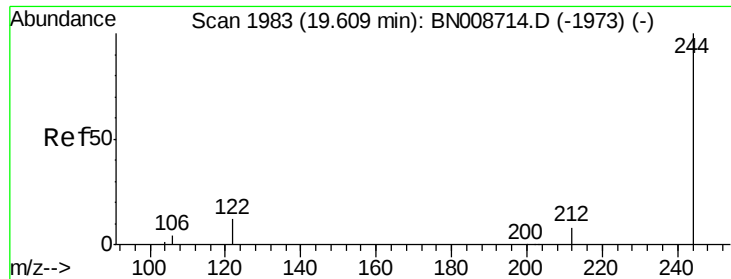


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.721 ng

RT: 19.60 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BN008748.D

Acq: 25 Nov 2019 21:51

Instrument :

BNA_N

ClientSampleId :

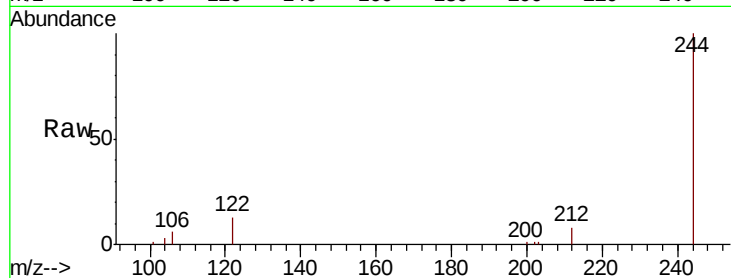
Tot Ion:244 Resp: 22658

Ion Ratio Lower Upper

244 100

212 7.8 6.6 9.8

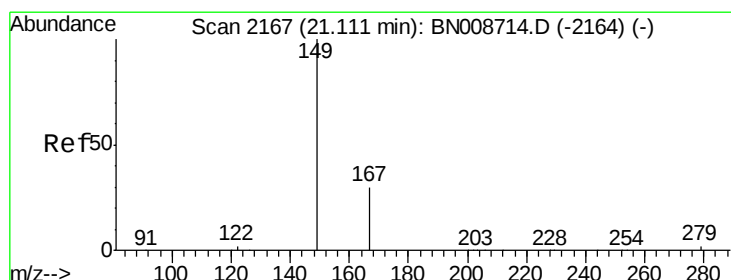
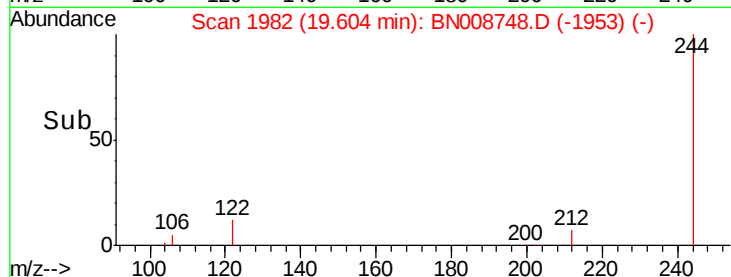
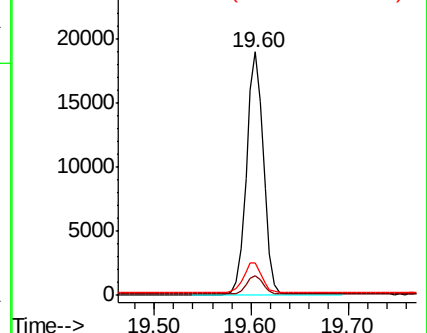
122 13.2 10.1 15.1



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: 0.385 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BN008748.D

Acq: 25 Nov 2019 21:51

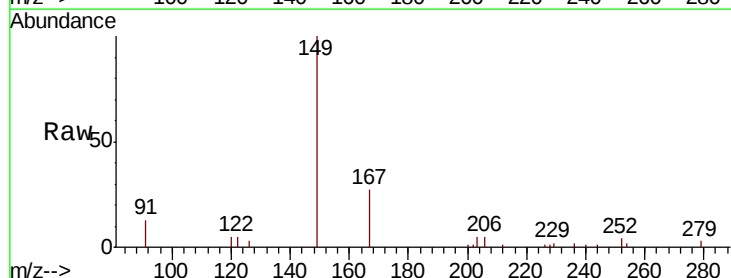
Tgt Ion:149 Resp: 11942

Ion Ratio Lower Upper

149 100

167 29.5 23.5 35.3

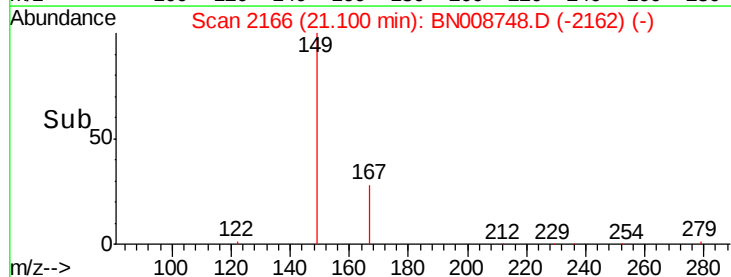
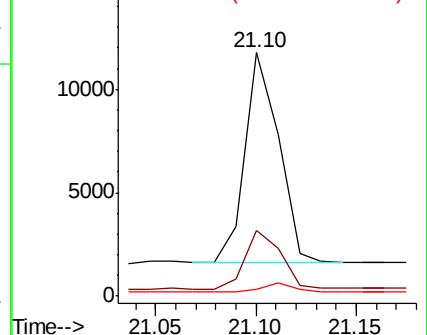
279 4.3 3.4 5.0

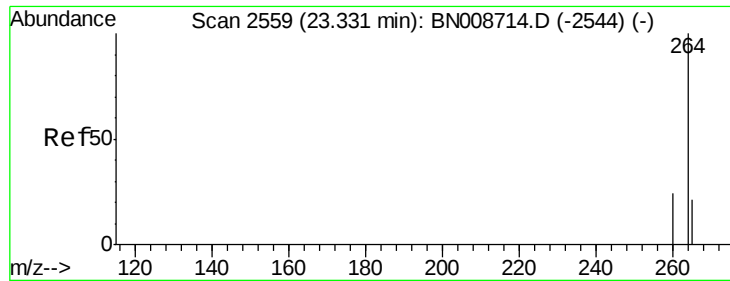


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

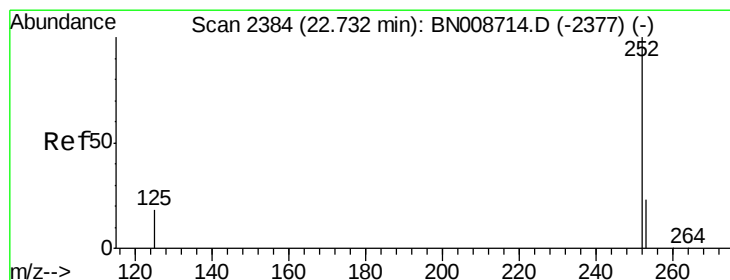
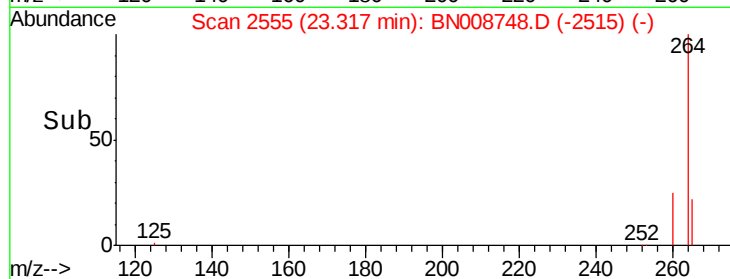
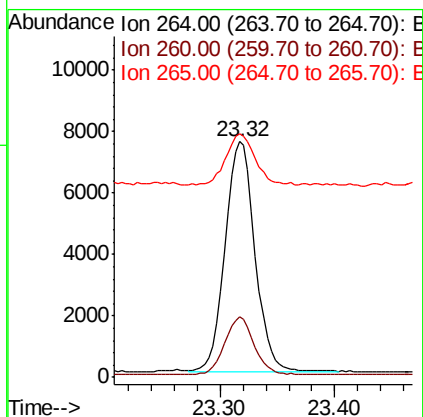
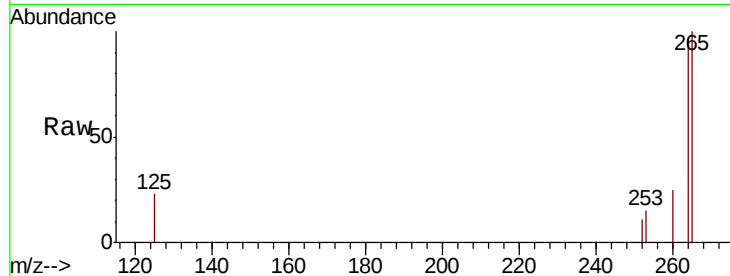




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.32 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BN008748.D
 Acq: 25 Nov 2019 21:51

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:264 Resp: 13539
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.6 29.4
 265 103.3 61.8 92.6#



#36
 Benzo(k)fluoranthene
 Concen: 0.028 ng
 RT: 22.72 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BN008748.D
 Acq: 25 Nov 2019 21:51

Tgt Ion:252 Resp: 1306
 Ion Ratio Lower Upper
 252 100
 253 156.4 21.8 32.6#
 125 615.8 18.2 27.4#

