

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112519\
 Data File : BN008745.D
 Acq On : 25 Nov 2019 20:03
 Operator : JU
 Sample : K5803-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-191111

Quant Time: Nov 26 02:54:29 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

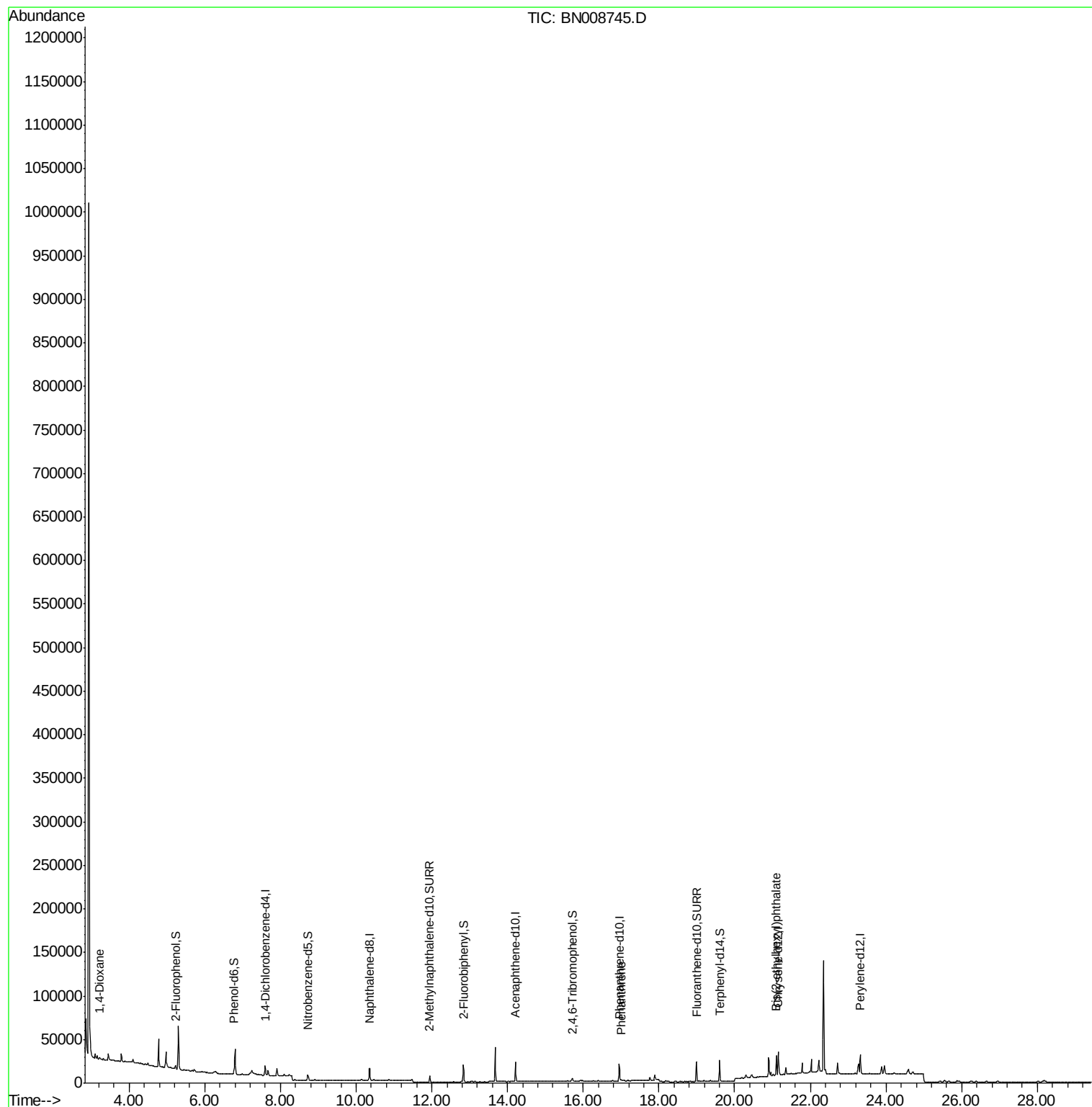
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	5394	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	20056	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	12028	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	25088	0.40	ng	-0.01
27) Chrysene-d12	21.15	240	24957	0.40	ng	-0.01
34) Perylene-d12	23.31	264	26896	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	3025	0.21	ng	0.00
5) Phenol-d6	6.78	99	2614	0.15	ng	0.00
8) Nitrobenzene-d5	8.72	82	5591	0.31	ng	-0.01
11) 2-Methylnaphthalene-d10	11.94	152	10668	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	2208	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	16581	0.35	ng	-0.01
25) Fluoranthene-d10	18.99	212	25786	0.35	ng	0.00
29) Terphenyl-d14	19.60	244	23871	0.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	870	0.153	ng	# 66
23) Phenanthrene	17.00	178	1778	0.023	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.10	149	19907	0.336	ng	100

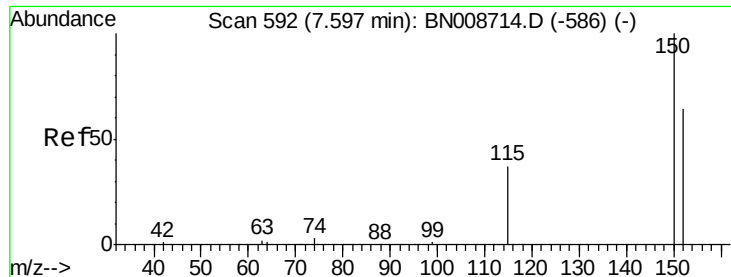
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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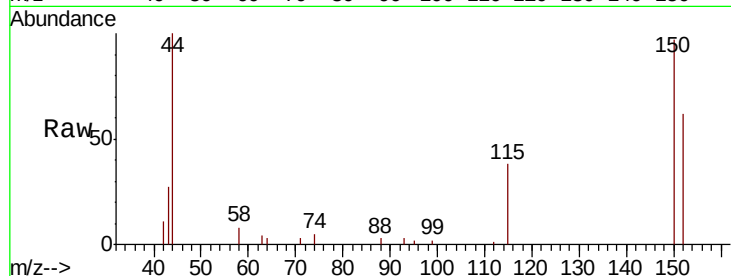


#1

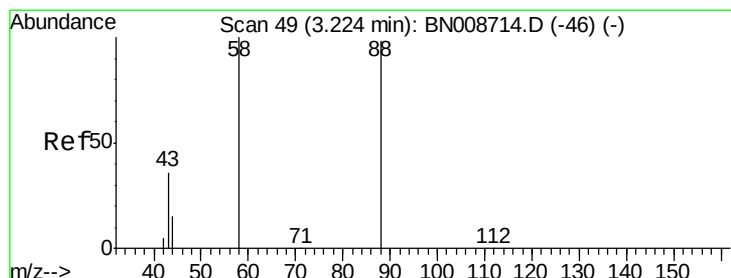
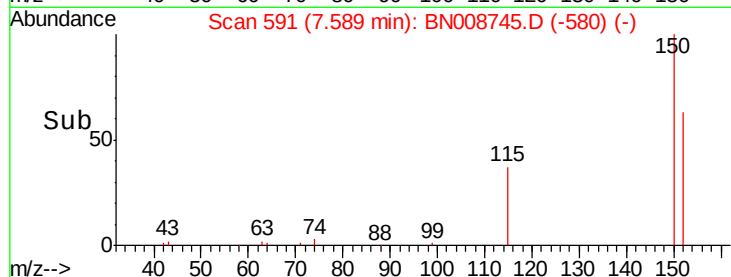
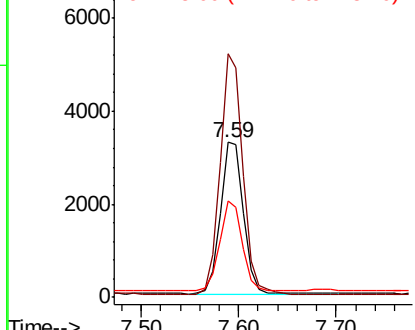
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. -0.01 min
Lab File: BN008745.D
Acq: 25 Nov 2019 20:03

Instrument :
BNA_N
ClientSampleId :
KY038PS027-191111

Tot Ion:152 Resp: 5394
Ion Ratio Lower Upper
152 100
150 157.3 124.0 186.0
115 61.9 49.8 74.8



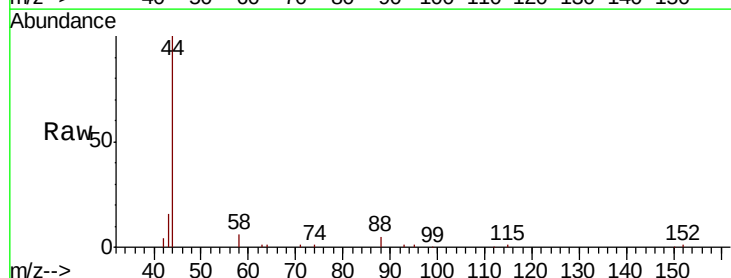
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



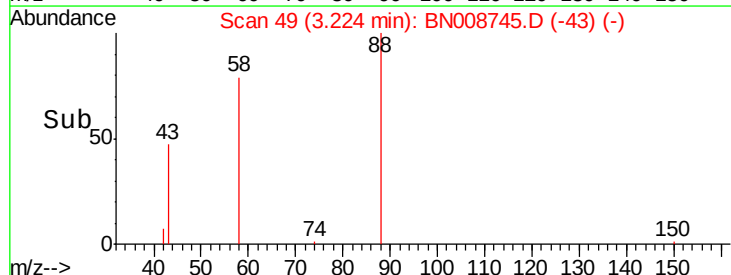
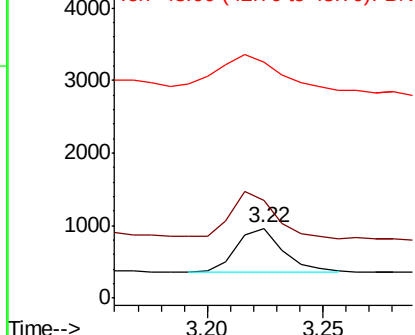
#2

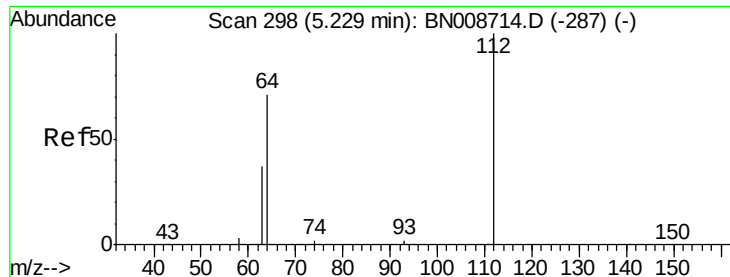
1,4-Dioxane
Concen: 0.153 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN008745.D
Acq: 25 Nov 2019 20:03

Tgt Ion: 88 Resp: 870
Ion Ratio Lower Upper
88 100
58 100.8 85.7 128.5
43 106.0 29.5 44.3#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.214 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN008745.D

Acq: 25 Nov 2019 20:03

Instrument :

BNA_N

ClientSampleId :

KY038PS027-191111

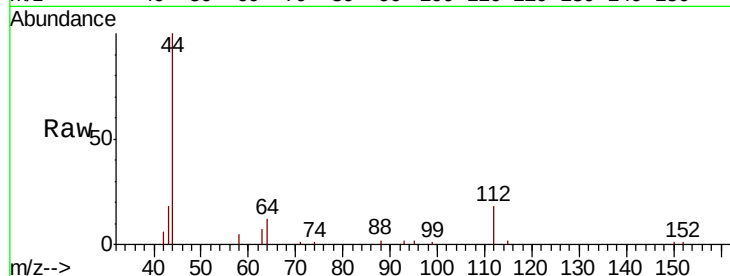
Tot Ion: 112 Resp: 3025

Ion Ratio Lower Upper

112 100

64 69.7 57.1 85.7

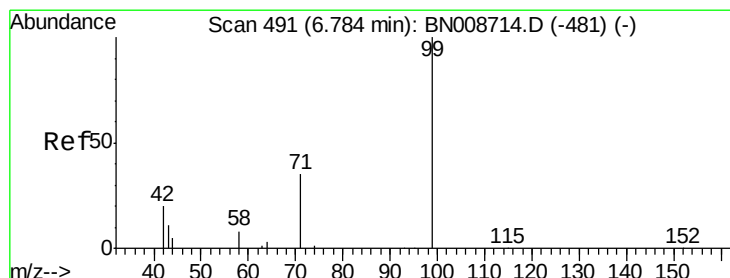
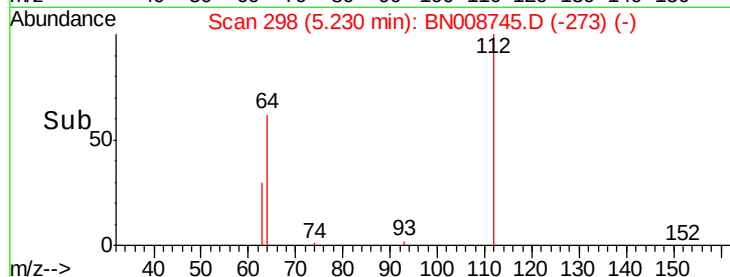
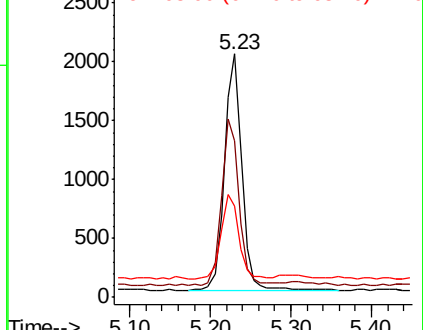
63 36.7 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.146 ng

RT: 6.78 min Scan# 490

Delta R.T. -0.01 min

Lab File: BN008745.D

Acq: 25 Nov 2019 20:03

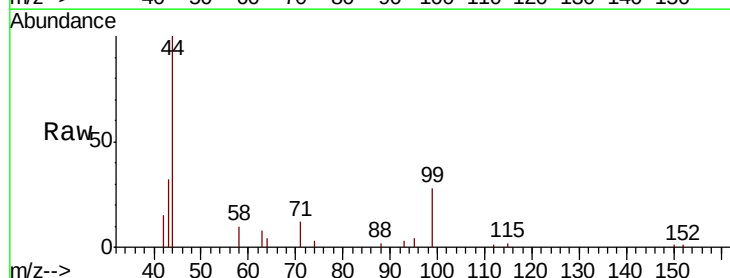
Tgt Ion: 99 Resp: 2614

Ion Ratio Lower Upper

99 100

42 0.0 19.4 29.2#

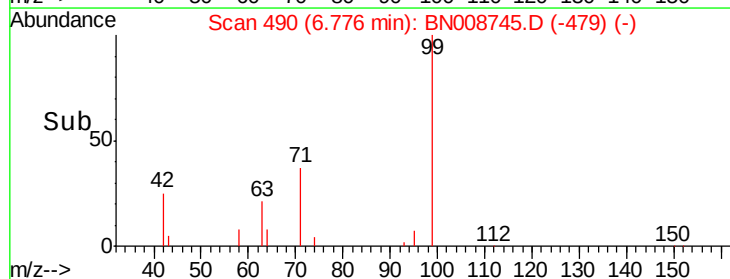
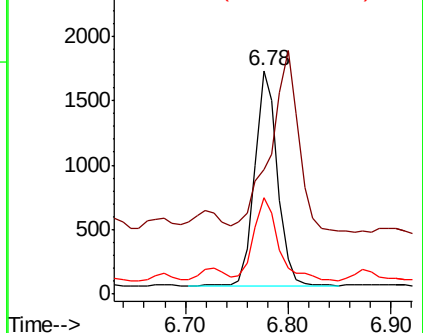
71 41.2 27.5 41.3

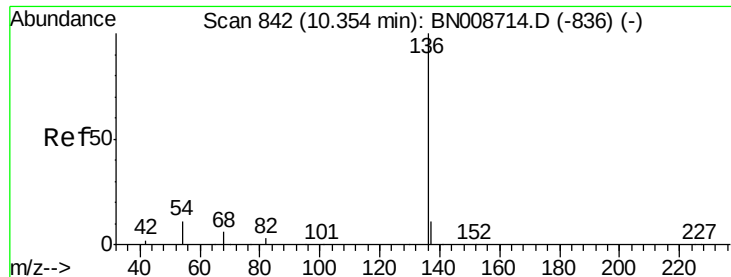


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN008745.D

Acq: 25 Nov 2019 20:03

Instrument :

BNA_N

ClientSampleId :

KY038PS027-191111

Tot Ion:136 Resp: 20056

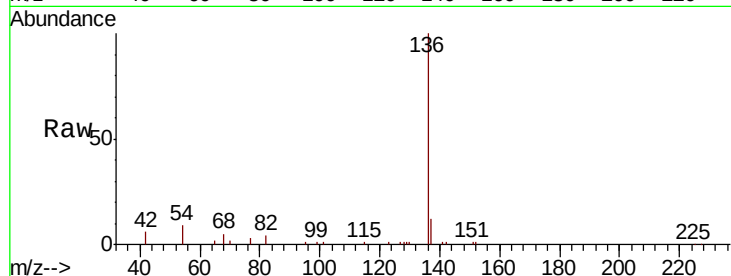
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 8.7 9.4 14.2#

68 5.5 5.8 8.6#

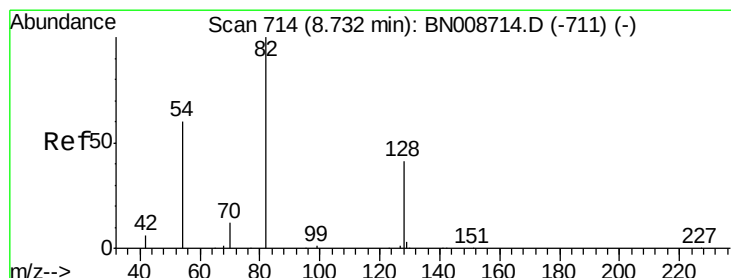
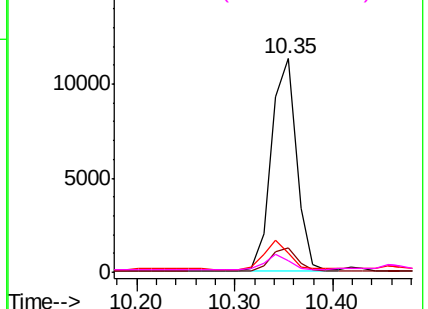
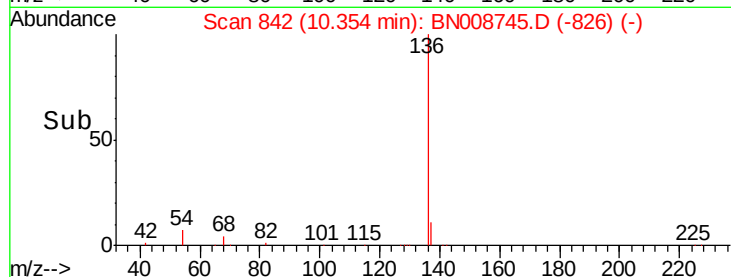


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.310 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.01 min

Lab File: BN008745.D

Acq: 25 Nov 2019 20:03

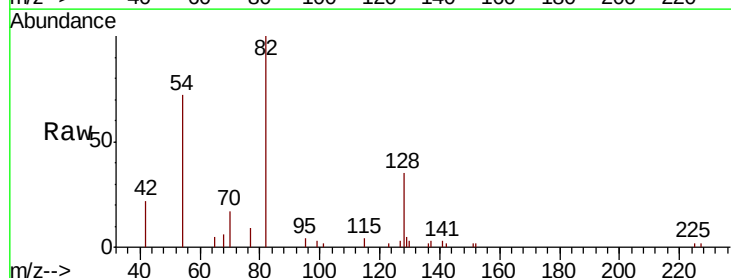
Tgt Ion: 82 Resp: 5591

Ion Ratio Lower Upper

82 100

128 35.1 34.6 52.0

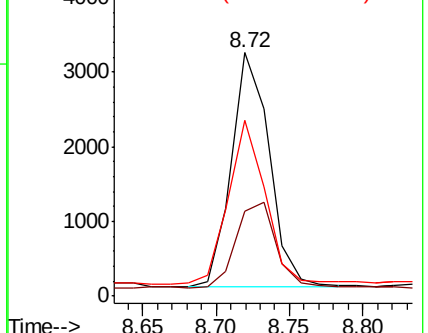
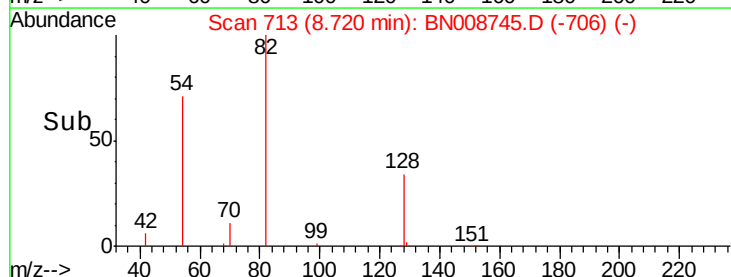
54 72.3 50.2 75.4

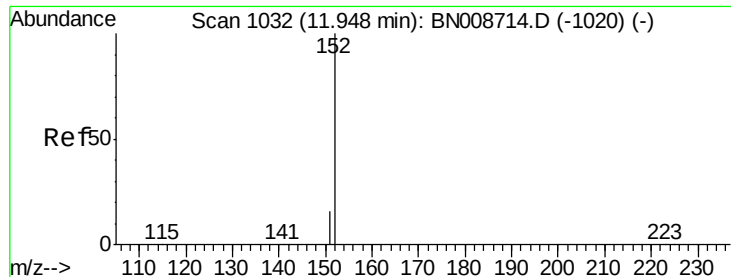


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

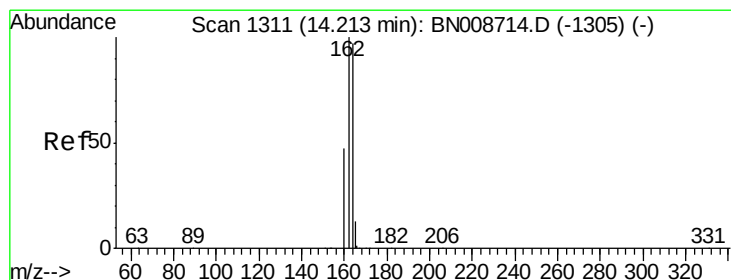
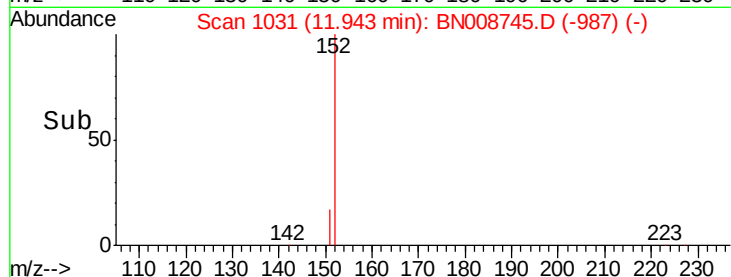
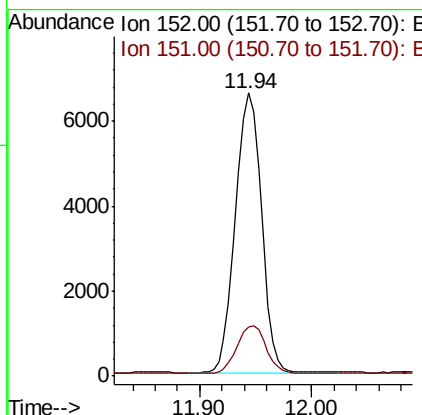
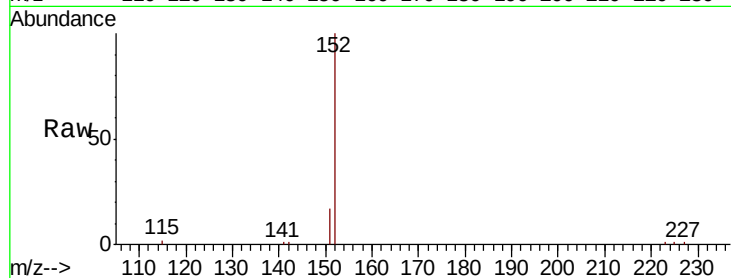




#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 11.94 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BN008745.D
Acq: 25 Nov 2019 20:03

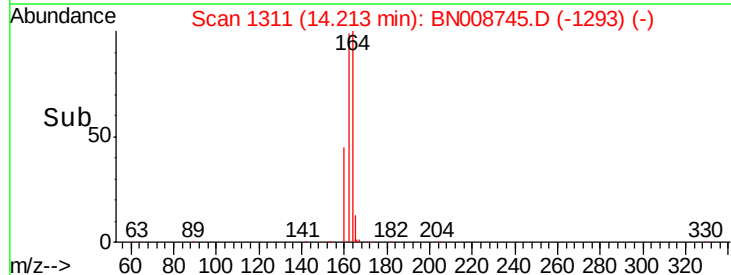
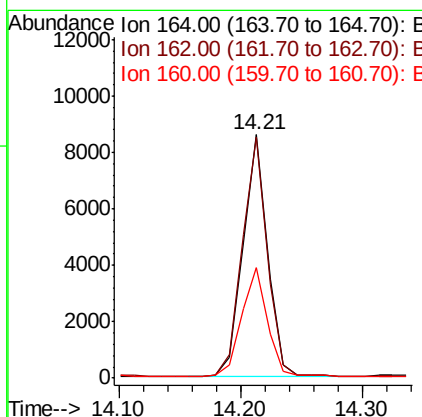
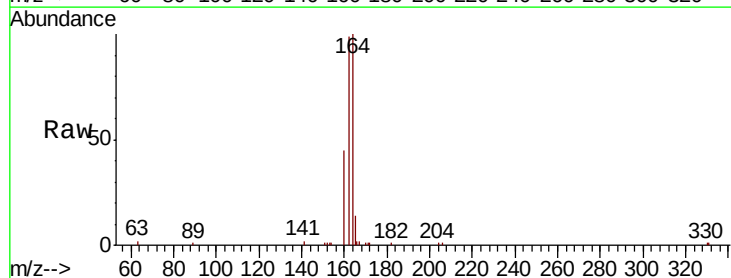
Instrument :
BNA_N
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KY038PS027-191111

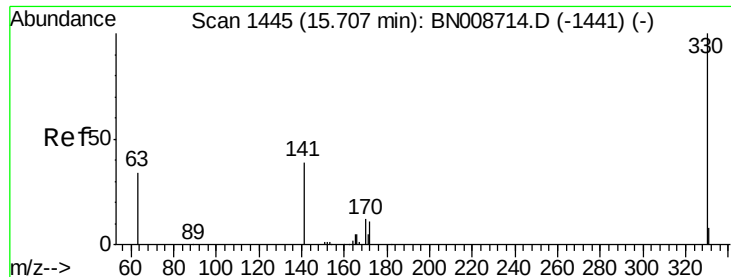
Tot Ion:152 Resp: 10668
Ion Ratio Lower Upper
152 100
151 19.2 15.2 22.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN008745.D
Acq: 25 Nov 2019 20:03

Tgt Ion:164 Resp: 12028
Ion Ratio Lower Upper
164 100
162 98.9 82.2 123.4
160 45.5 38.7 58.1

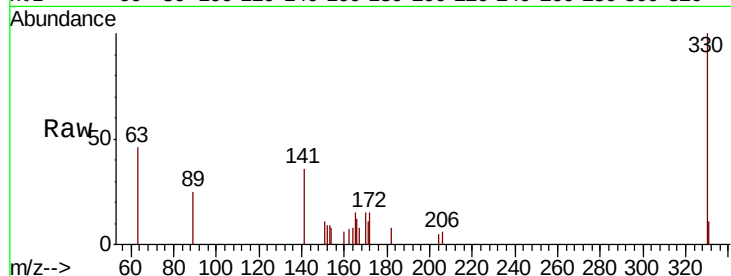




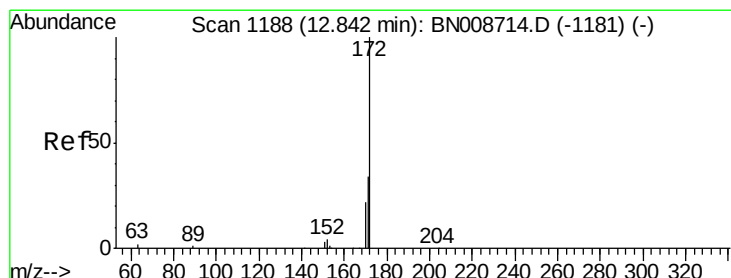
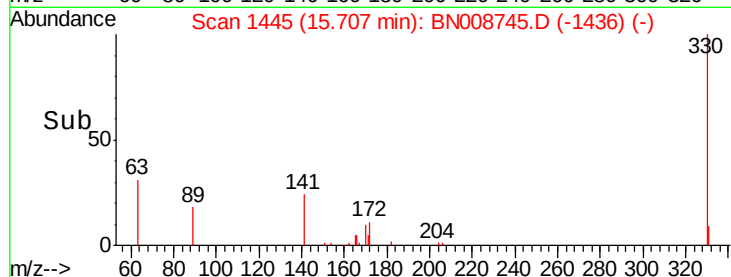
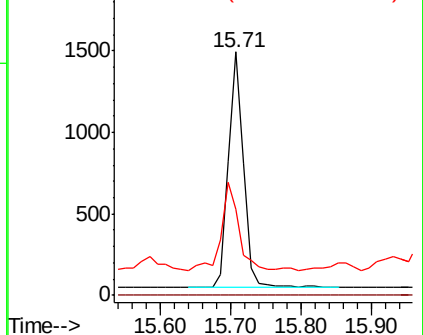
#14
2,4,6-Tribromophenol
Concen: 0.395 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BN008745.D
Acq: 25 Nov 2019 20:03

Instrument :
BNA_N
ClientSampleId :
KY038PS027-191111

Tot Ion:330 Resp: 2208
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 44.0 29.5 44.3

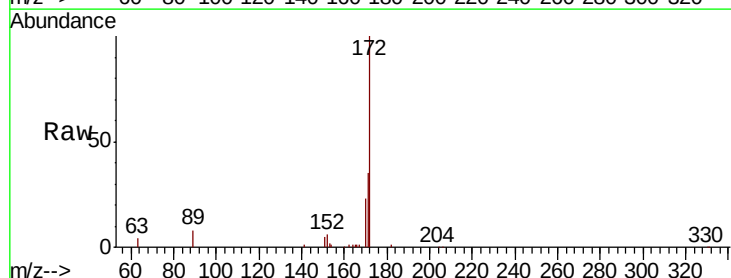


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

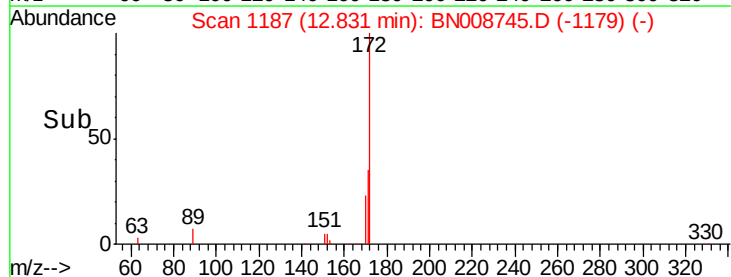
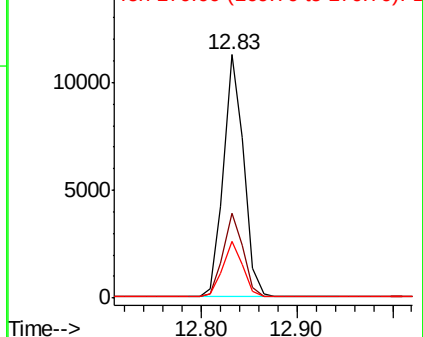


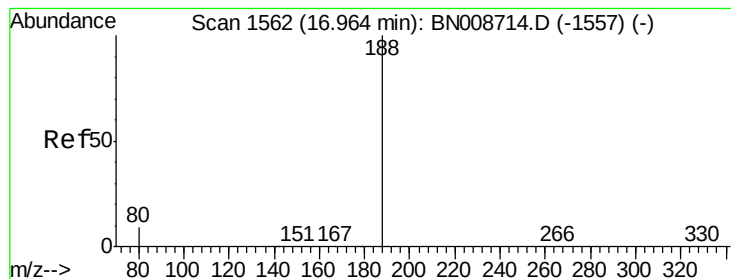
#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 12.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BN008745.D
Acq: 25 Nov 2019 20:03

Tgt Ion:172 Resp: 16581
Ion Ratio Lower Upper
172 100
171 35.0 27.3 40.9
170 23.5 17.8 26.6



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN008745.D

Acq: 25 Nov 2019 20:03

Instrument :

BNA_N

ClientSampleId :

KY038PS027-191111

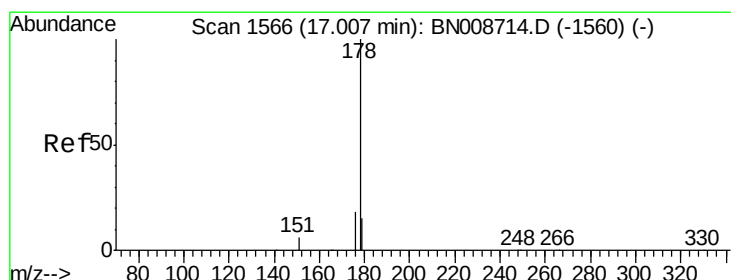
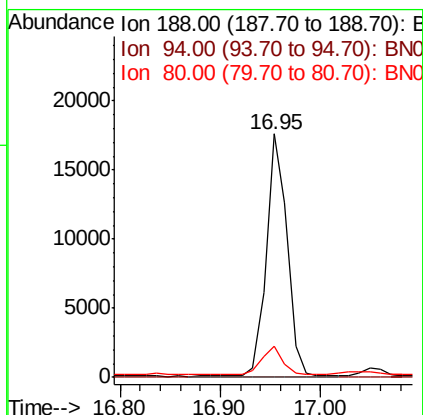
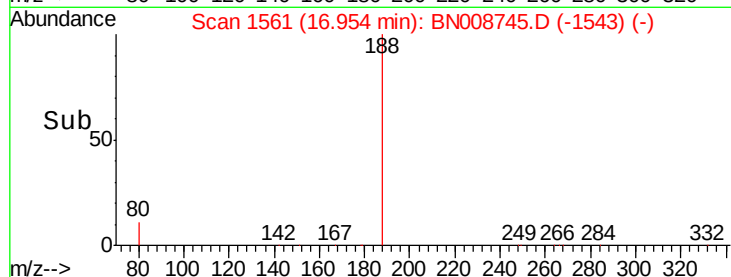
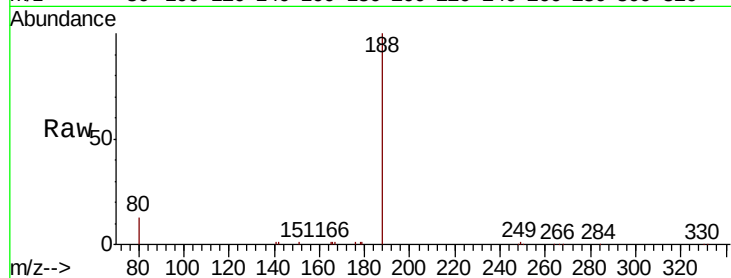
Tot Ion:188 Resp: 25088

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.6 7.4 11.0#



#23

Phenanthrene

Concen: 0.023 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BN008745.D

Acq: 25 Nov 2019 20:03

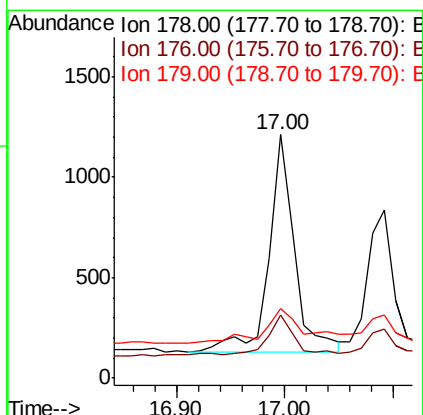
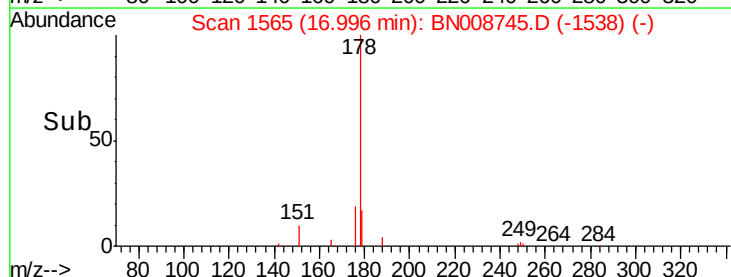
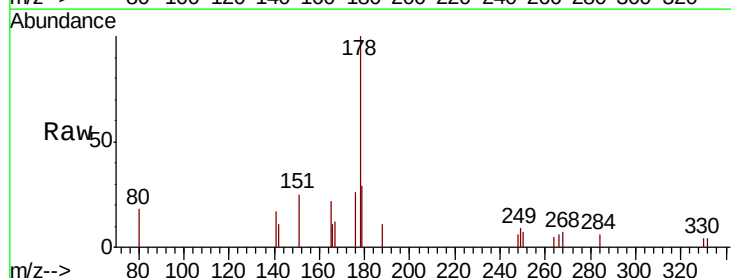
Tgt Ion:178 Resp: 1778

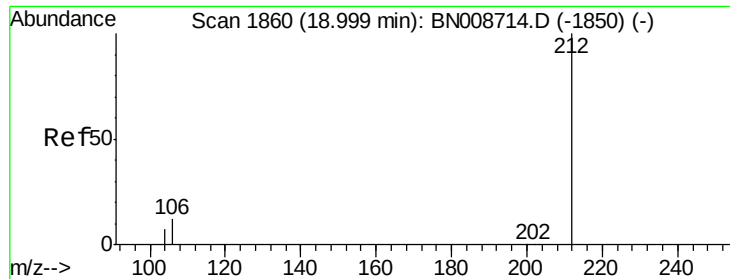
Ion Ratio Lower Upper

178 100

176 21.6 15.0 22.4

179 26.5 12.3 18.5#





#25

Fluoranthene-d10

Concen: 0.350 ng

RT: 18.99 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BN008745.D

Acq: 25 Nov 2019 20:03

Instrument :

BNA_N

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KY038PS027-191111

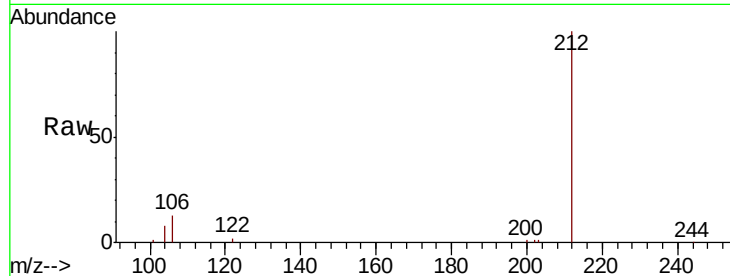
Tot Ion:212 Resp: 25786

Ion Ratio Lower Upper

212 100

106 13.5 10.6 15.8

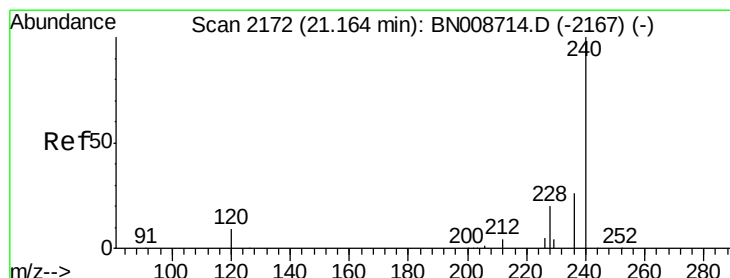
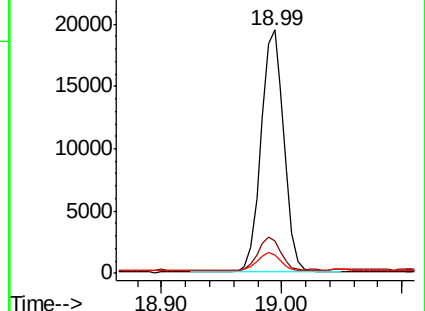
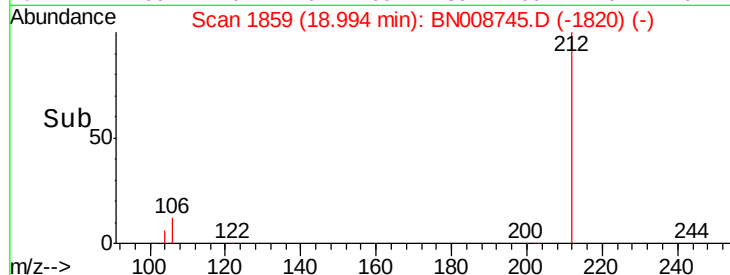
104 7.9 6.0 9.0



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: BN008745.D

Acq: 25 Nov 2019 20:03

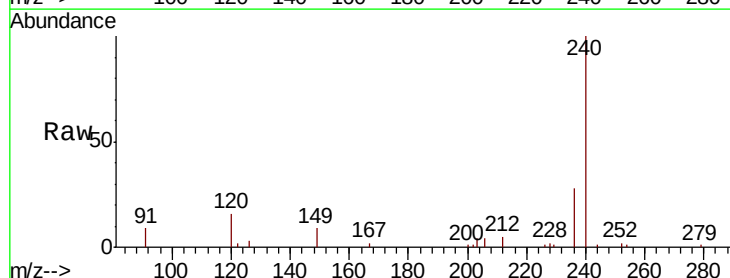
Tgt Ion:240 Resp: 24957

Ion Ratio Lower Upper

240 100

120 15.9 9.0 13.4#

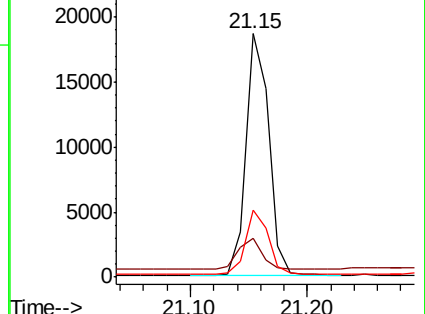
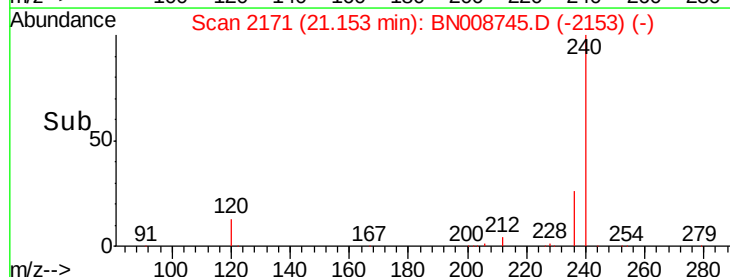
236 27.5 21.8 32.6

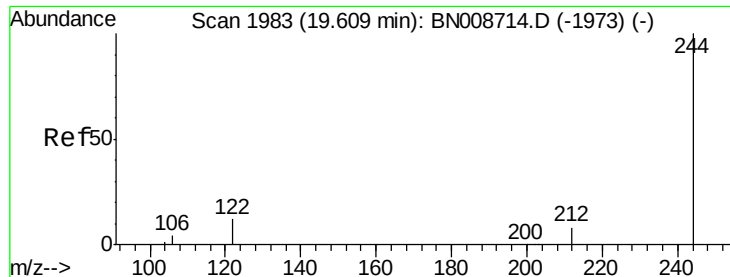


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.398 ng

RT: 19.60 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BN008745.D

Acq: 25 Nov 2019 20:03

Instrument :

BNA_N

ClientSampleId :

KY038PS027-191111

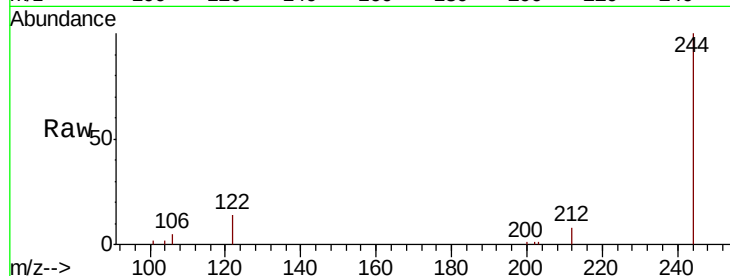
Tot Ion:244 Resp: 23871

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

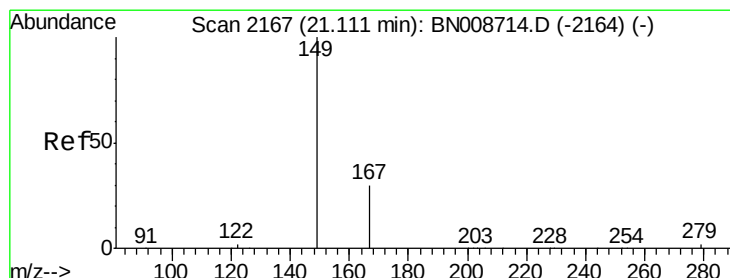
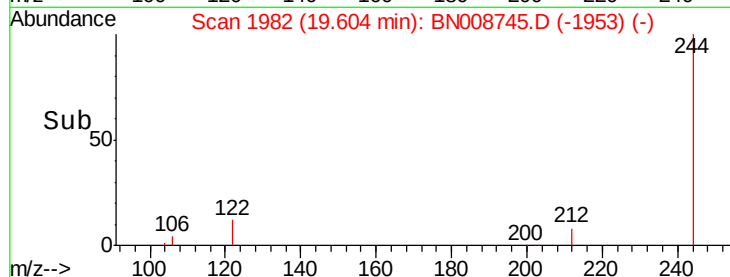
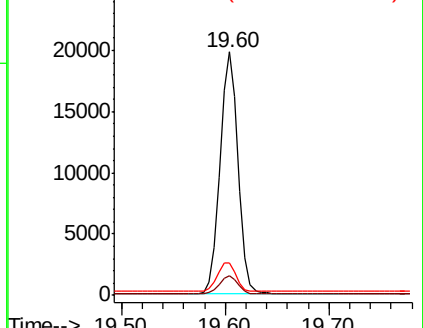
122 13.5 10.1 15.1



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: 0.336 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BN008745.D

Acq: 25 Nov 2019 20:03

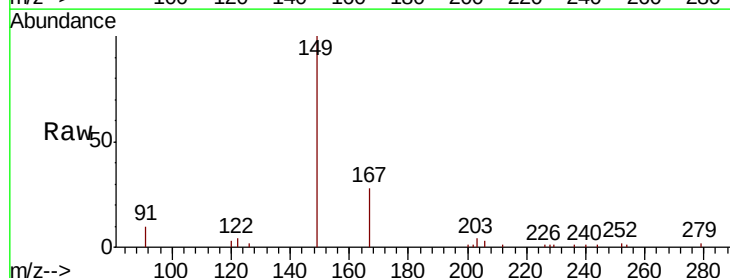
Tgt Ion:149 Resp: 19907

Ion Ratio Lower Upper

149 100

167 29.5 23.5 35.3

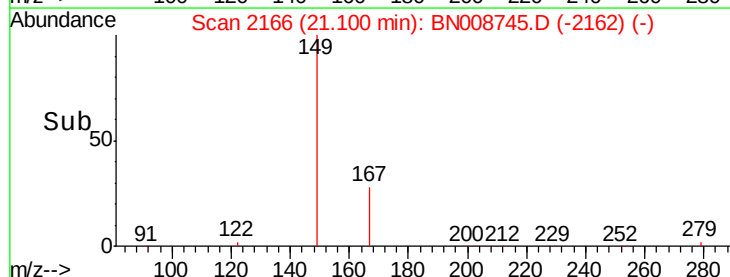
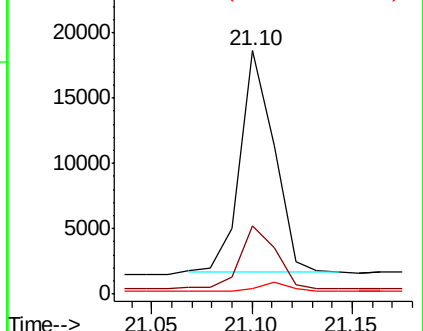
279 4.0 3.4 5.0

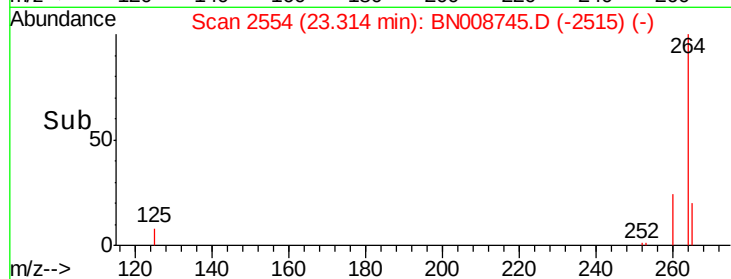
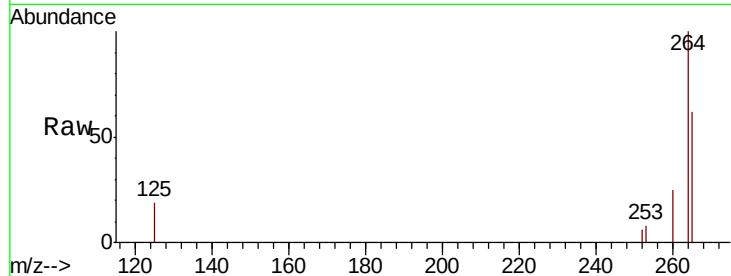
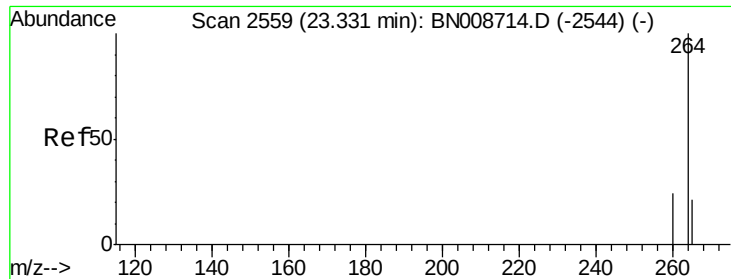


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.31 min Scan# 2554

Delta R.T. -0.02 min

Lab File: BN008745.D

Acq: 25 Nov 2019 20:03

Instrument :

BNA_N

ClientSampleId :

KY038PS027-191111

Tot Ion:264 Resp: 26896

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 62.0 61.8 92.6

