

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112319\
 Data File : BN008730.D
 Acq On : 23 Nov 2019 15:49
 Operator : JU
 Sample : K5803-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-191111

Quant Time: Nov 25 11:46:47 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

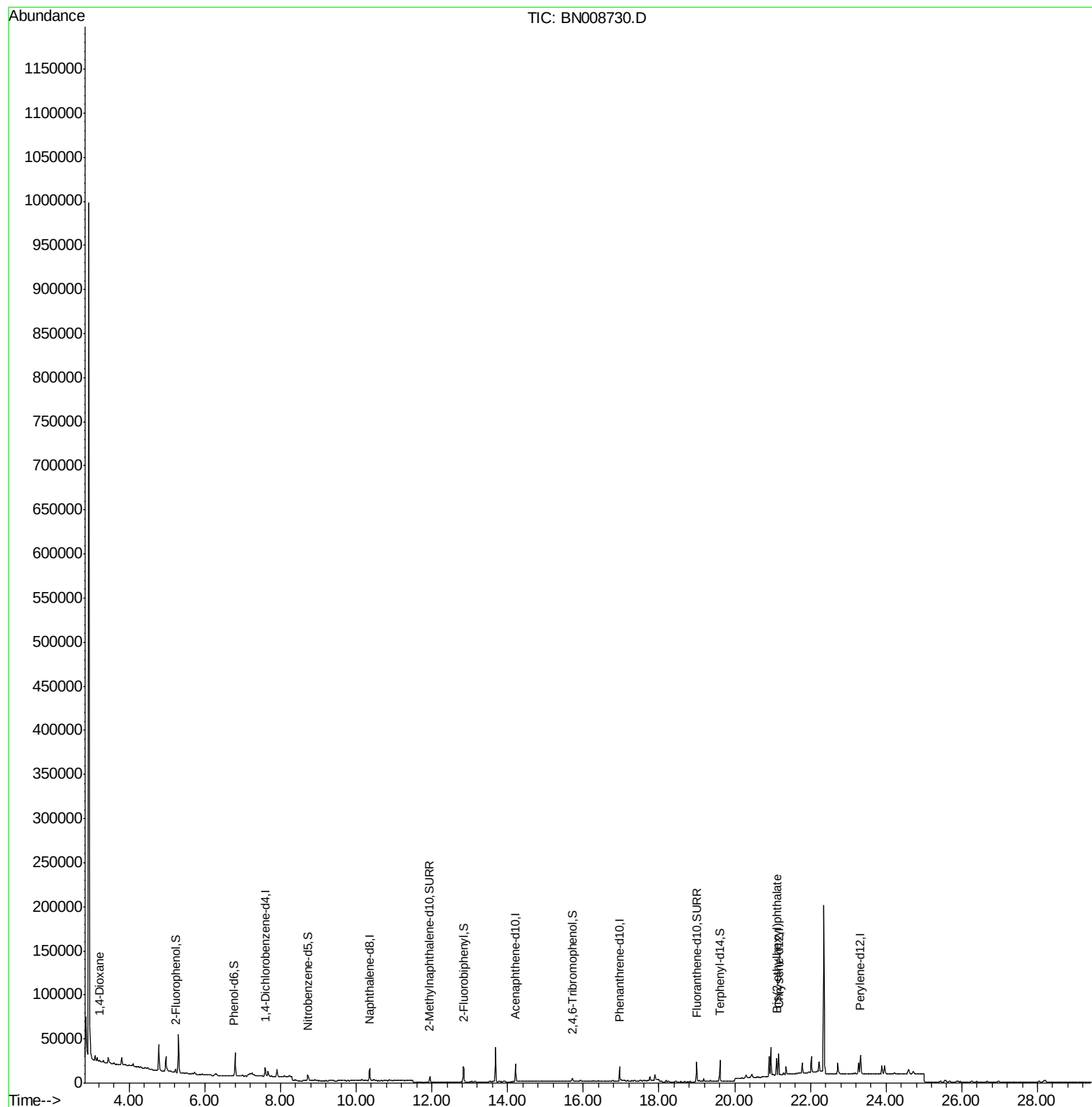
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	4952	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	18450	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	11286	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	24130	0.40	ng	0.00
27) Chrysene-d12	21.16	240	24180	0.40	ng	0.00
34) Perylene-d12	23.32	264	25603	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	2789	0.22	ng	0.00
5) Phenol-d6	6.78	99	2374	0.14	ng	0.00
8) Nitrobenzene-d5	8.72	82	5079	0.31	ng	-0.01
11) 2-Methylnaphthalene-d10	11.95	152	9836	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	2123	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	15586	0.35	ng	-0.01
25) Fluoranthene-d10	18.99	212	25154	0.35	ng	0.00
29) Terphenyl-d14	19.61	244	23331	0.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	847	0.162	ng	Qvalue # 65
32) Bis(2-ethylhexyl)phthalate	21.11	149	20140	0.351	ng	98

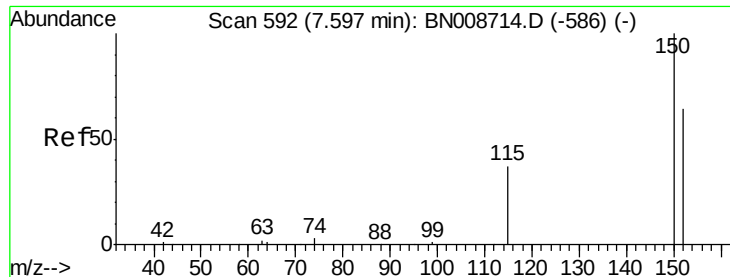
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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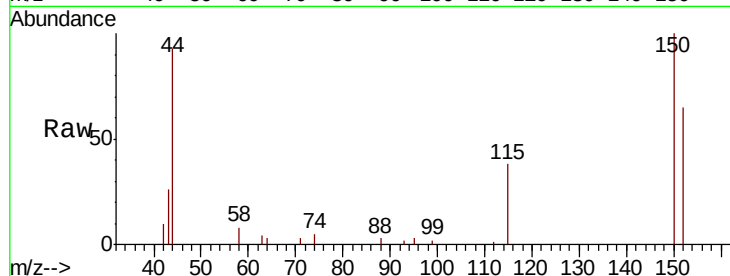


#1

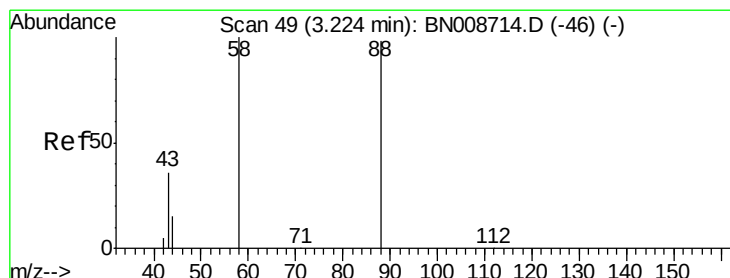
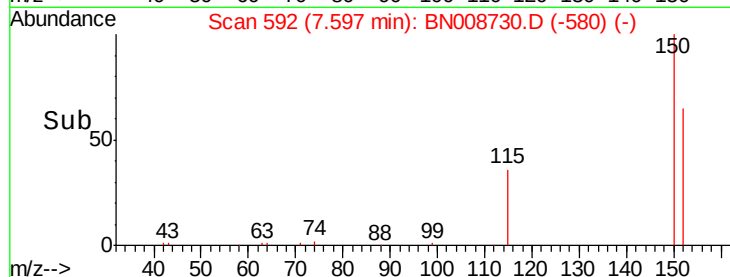
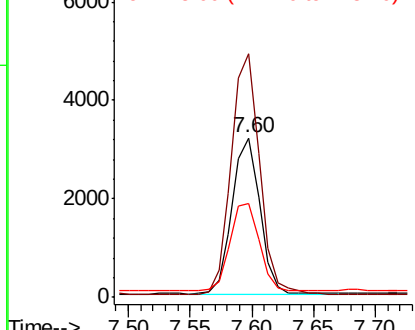
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008730.D
Acq: 23 Nov 2019 15:49

Instrument :
BNA_N
ClientSampleId :
KY038PS027-191111

Tot Ion:152 Resp: 4952
Ion Ratio Lower Upper
152 100
150 152.9 124.0 186.0
115 58.7 49.8 74.8



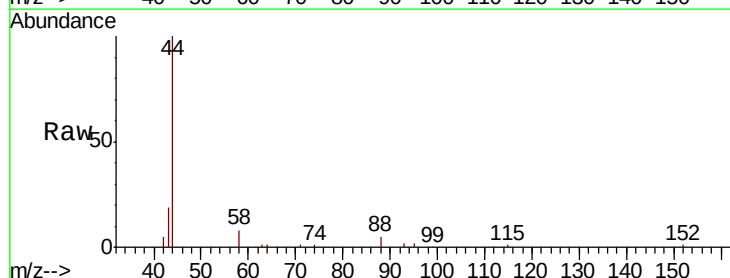
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



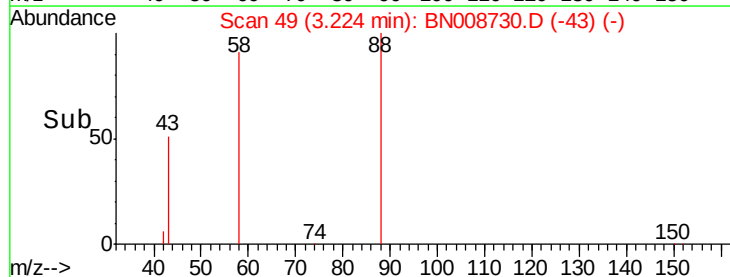
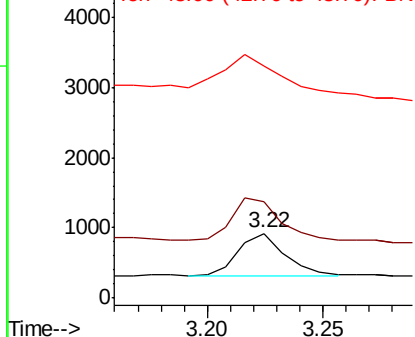
#2

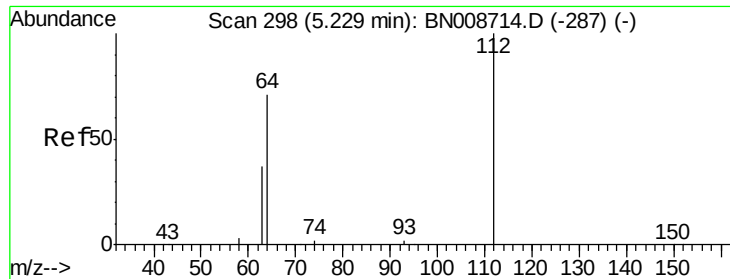
1,4-Dioxane
Concen: 0.162 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN008730.D
Acq: 23 Nov 2019 15:49

Tgt Ion: 88 Resp: 847
Ion Ratio Lower Upper
88 100
58 101.1 85.7 128.5
43 108.1 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: 0.215 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN008730.D

Acq: 23 Nov 2019 15:49

Instrument :

BNA_N

ClientSampleId :

KY038PS027-191111

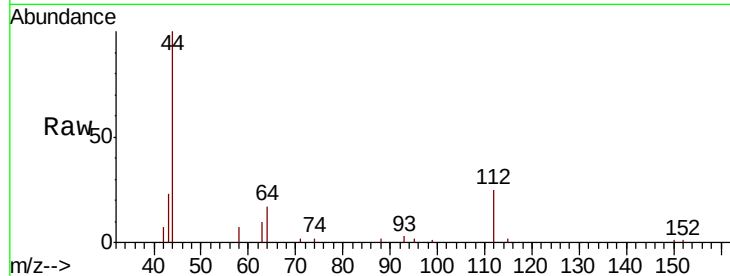
Tot Ion: 112 Resp: 2789

Ion Ratio Lower Upper

112 100

64 68.1 57.1 85.7

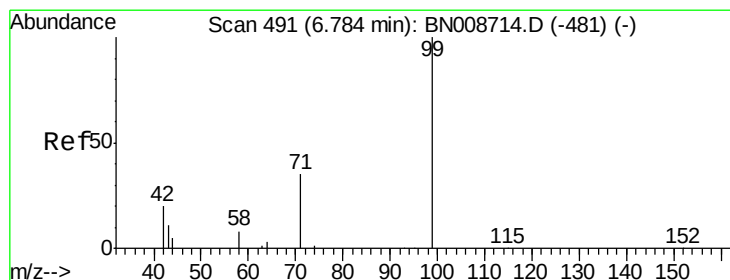
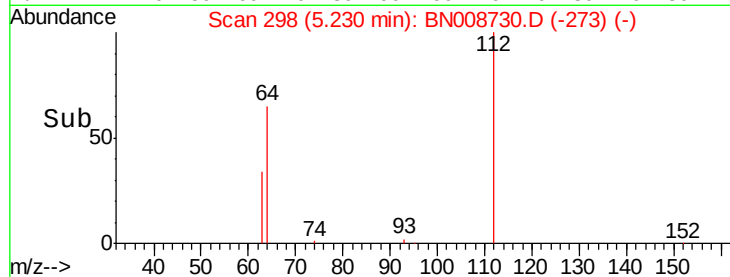
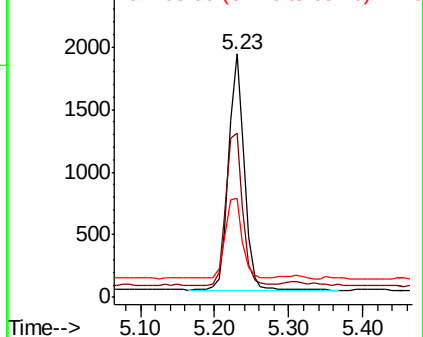
63 36.3 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.145 ng

RT: 6.78 min Scan# 490

Delta R.T. -0.01 min

Lab File: BN008730.D

Acq: 23 Nov 2019 15:49

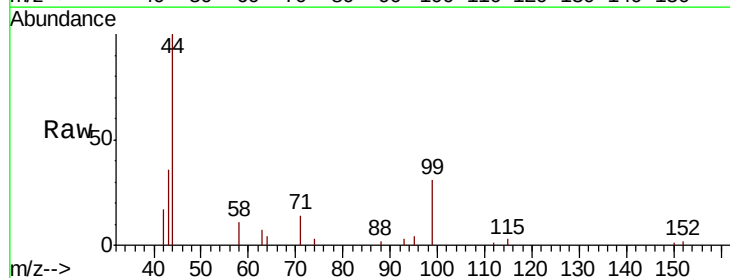
Tgt Ion: 99 Resp: 2374

Ion Ratio Lower Upper

99 100

42 0.0 19.4 29.2#

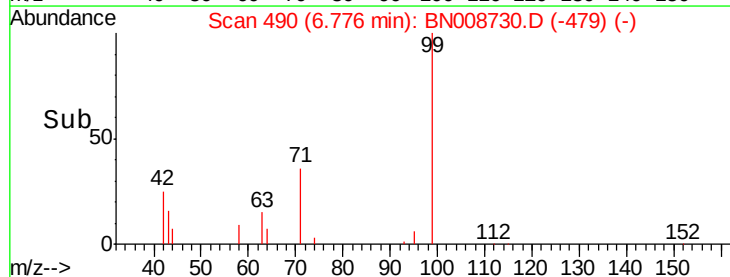
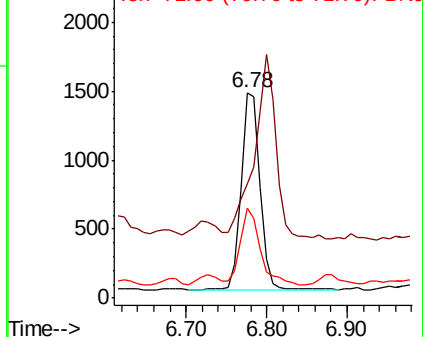
71 40.9 27.5 41.3

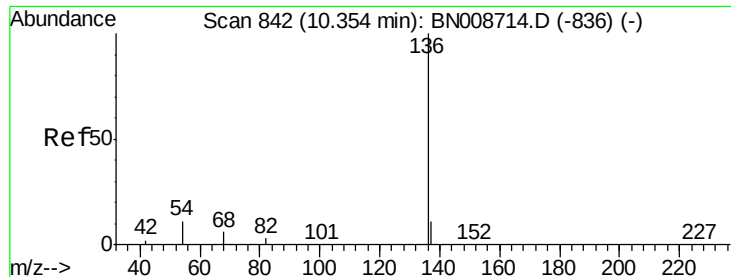


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN008730.D

Acq: 23 Nov 2019 15:49

Instrument :

BNA_N

ClientSampleId :

KY038PS027-191111

Tot Ion:136 Resp: 18450

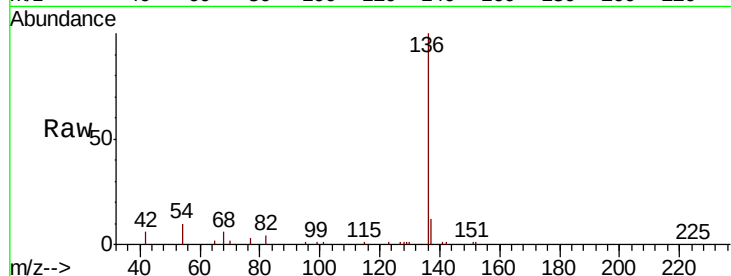
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 9.7 9.4 14.2

68 5.7 5.8 8.6#

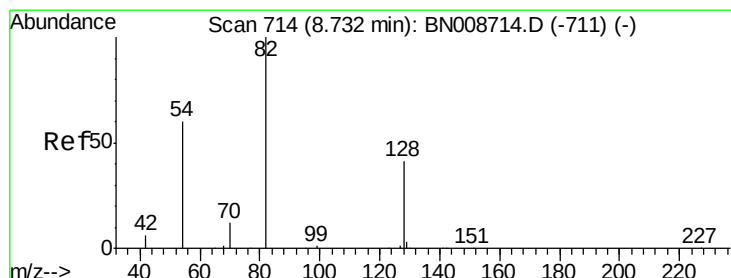
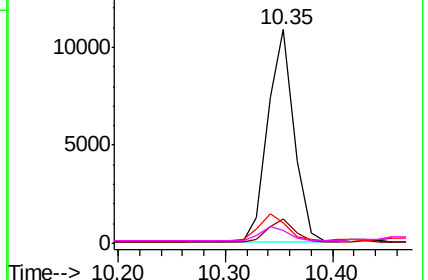
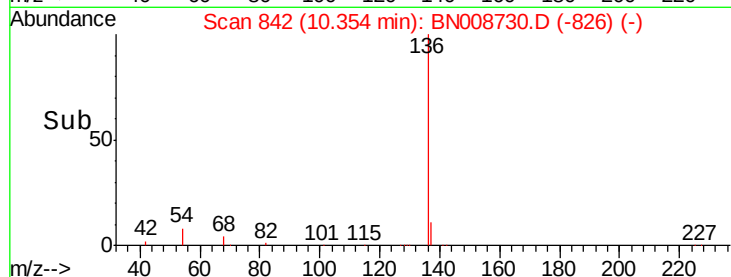


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.306 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.01 min

Lab File: BN008730.D

Acq: 23 Nov 2019 15:49

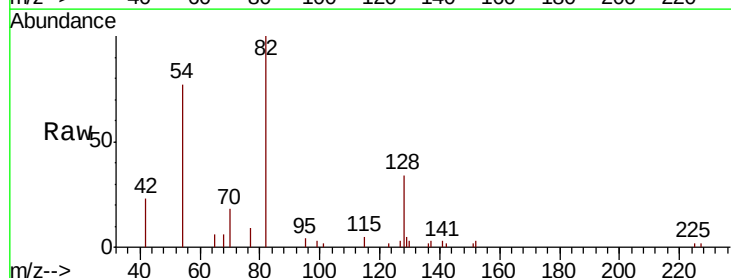
Tgt Ion: 82 Resp: 5079

Ion Ratio Lower Upper

82 100

128 33.7 34.6 52.0#

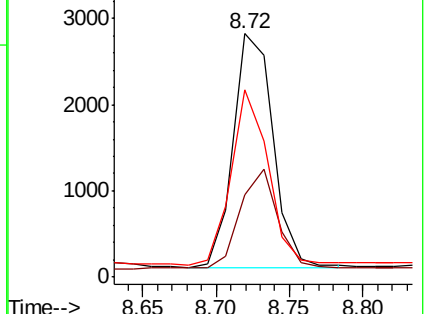
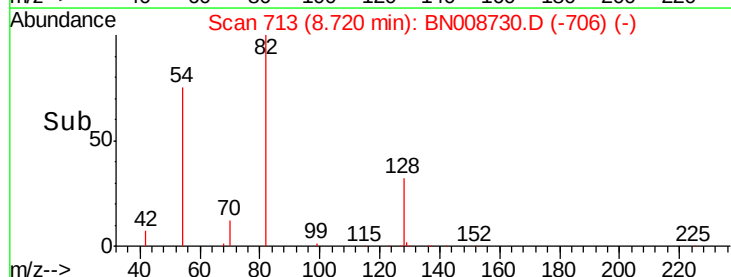
54 76.9 50.2 75.4#

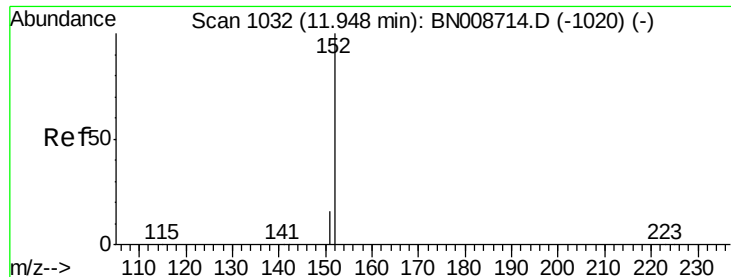


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

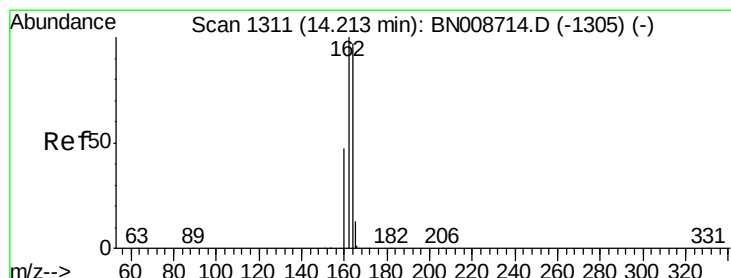
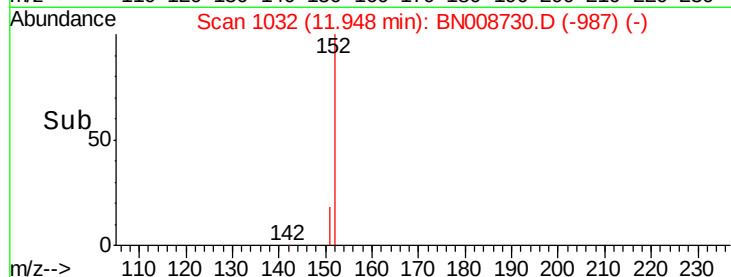
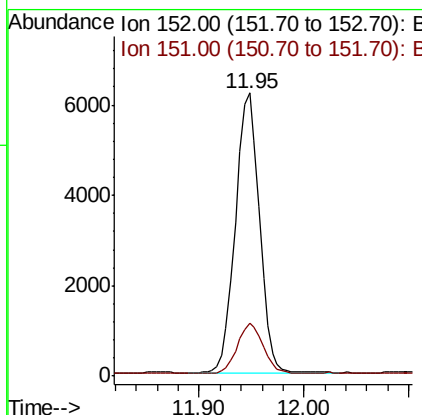
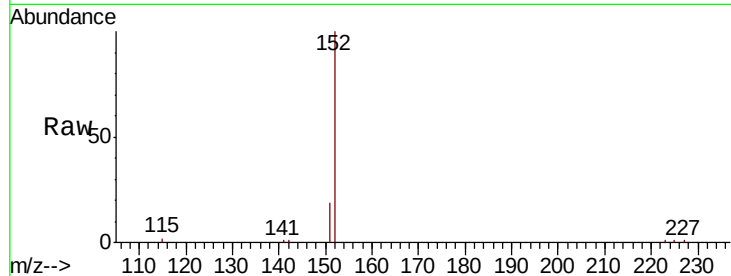




#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 11.95 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BN008730.D
Acq: 23 Nov 2019 15:49

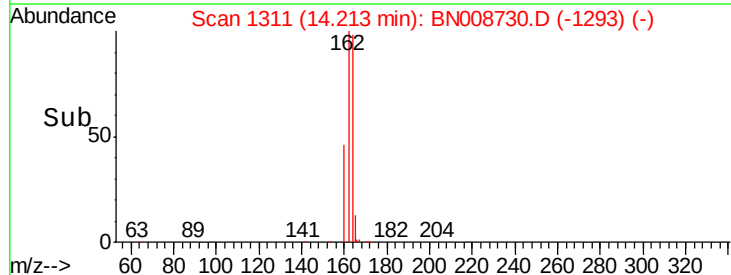
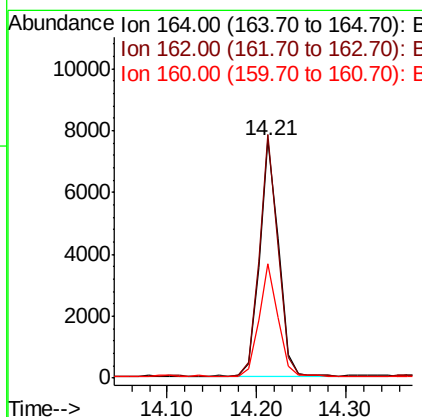
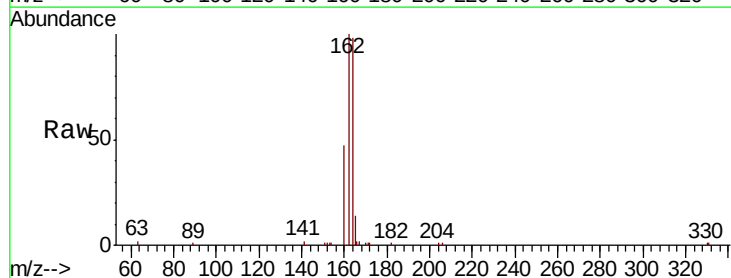
Instrument :
BNA_N
ClientSampleId :
KY038PS027-191111

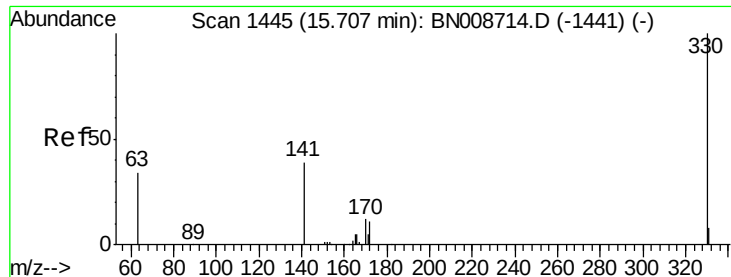
Tot Ion:152 Resp: 9836
Ion Ratio Lower Upper
152 100
151 19.3 15.2 22.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN008730.D
Acq: 23 Nov 2019 15:49

Tgt Ion:164 Resp: 11286
Ion Ratio Lower Upper
164 100
162 102.1 82.2 123.4
160 47.7 38.7 58.1

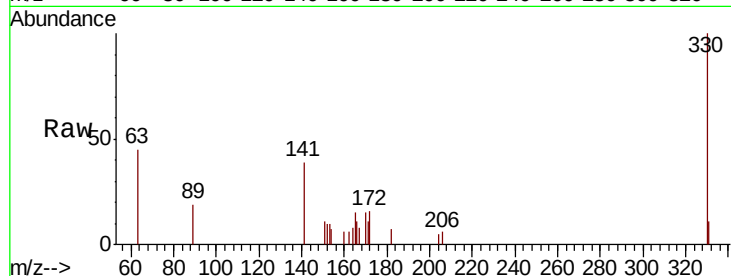




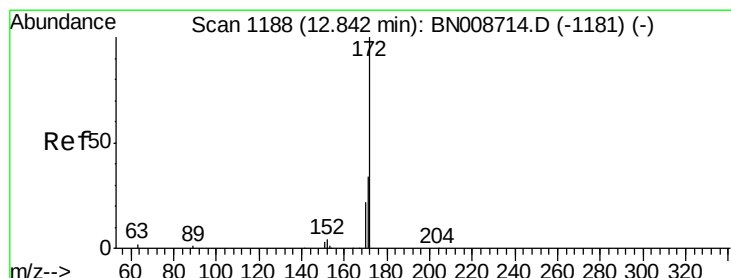
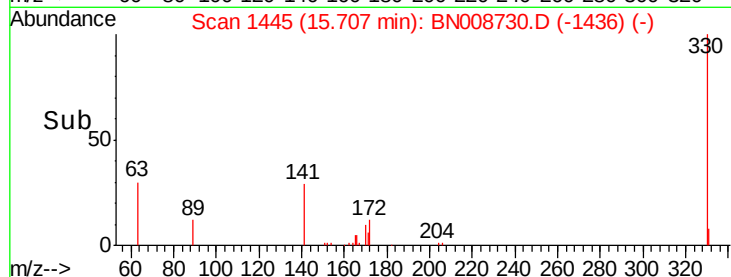
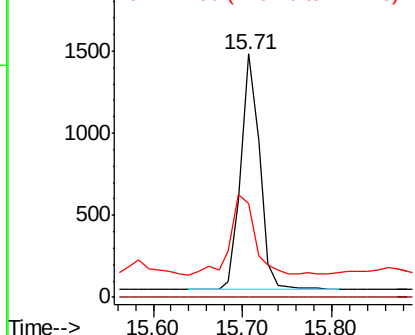
#14
2,4,6-Tribromophenol
Concen: 0.404 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BN008730.D
Acq: 23 Nov 2019 15:49

Instrument :
BNA_N
ClientSampleId :
KY038PS027-191111

Tot Ion:330 Resp: 2123
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.7 29.5 44.3

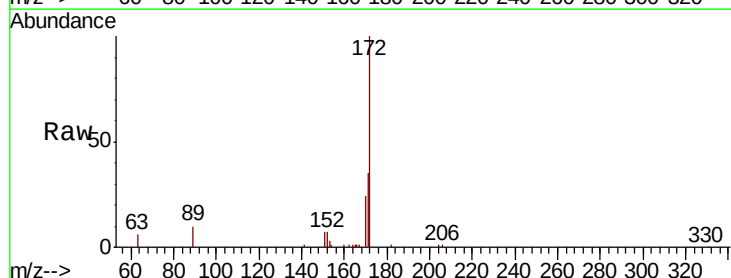


Abundance Ion 330.00 (329.70 to 330.70): E
2000 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

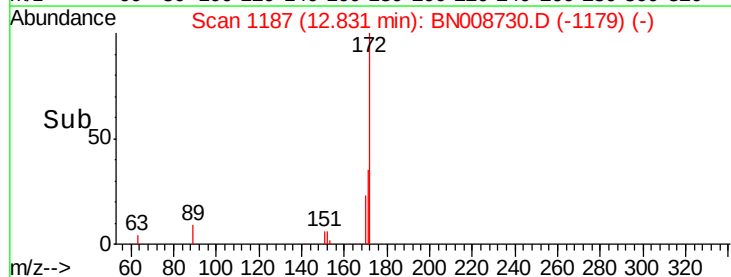
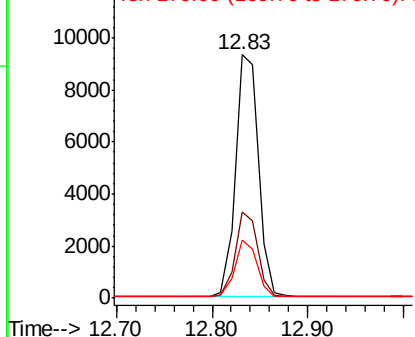


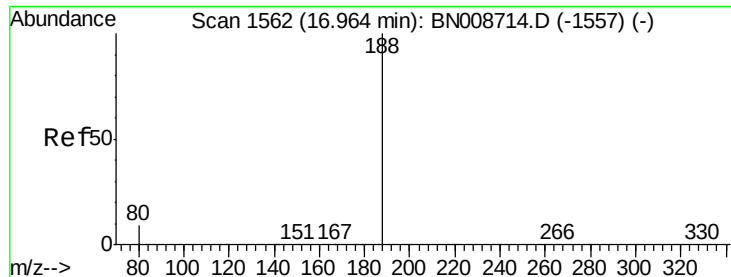
#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 12.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BN008730.D
Acq: 23 Nov 2019 15:49

Tgt Ion:172 Resp: 15586
Ion Ratio Lower Upper
172 100
171 35.2 27.3 40.9
170 23.7 17.8 26.6



Abundance Ion 172.00 (171.70 to 172.70): E
12000 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: 16.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BN008730.D

Acq: 23 Nov 2019 15:49

Instrument :

BNA_N

ClientSampleId :

KY038PS027-191111

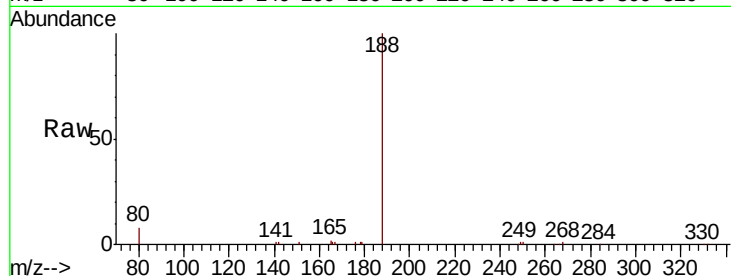
Tot Ion:188 Resp: 24130

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

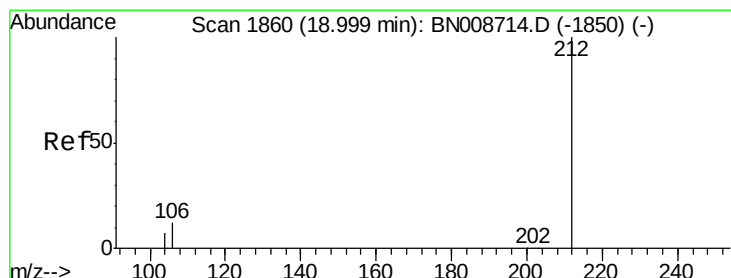
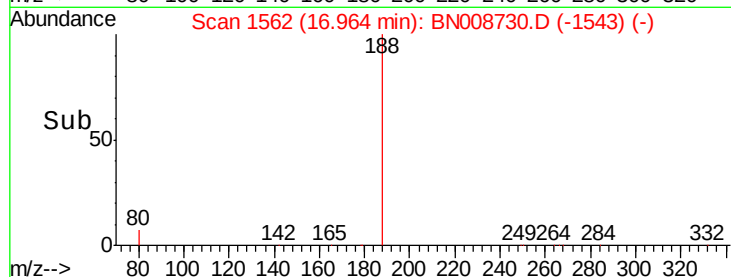
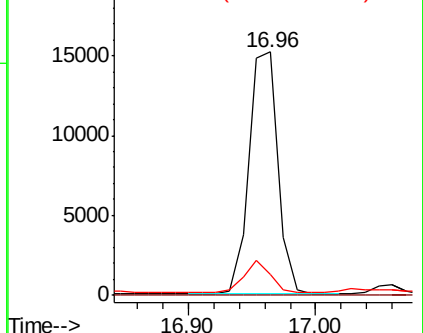
80 8.4 7.4 11.0



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



#25

Fluoranthene-d10

Concen: 0.355 ng

RT: 18.99 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BN008730.D

Acq: 23 Nov 2019 15:49

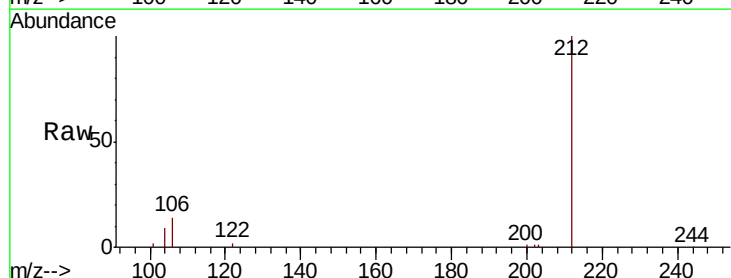
Tgt Ion:212 Resp: 25154

Ion Ratio Lower Upper

212 100

106 13.2 10.6 15.8

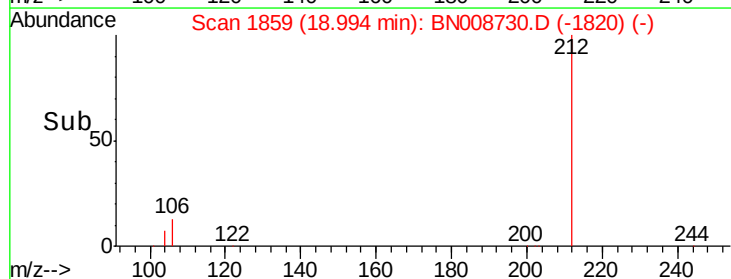
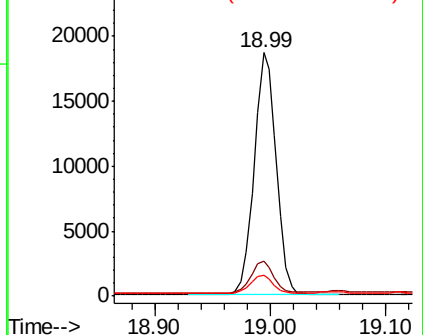
104 7.7 6.0 9.0

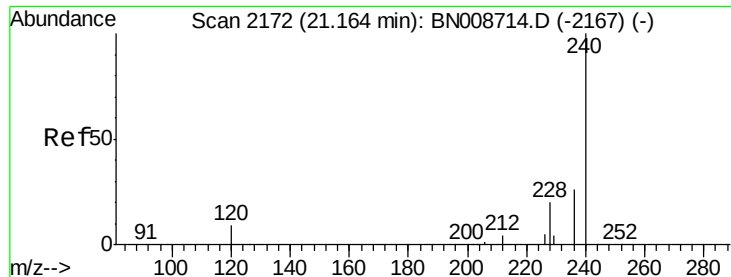


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.16 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN008730.D

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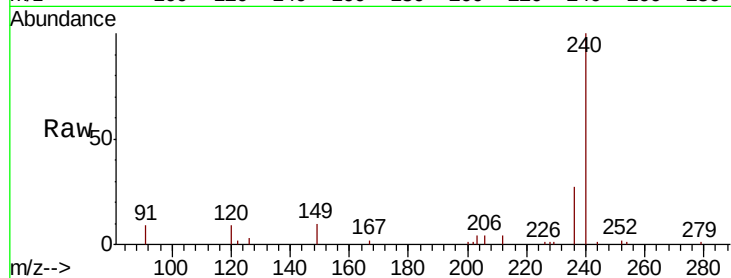
Tot Ion:240 Resp: 24180

Ion Ratio Lower Upper

240 100

120 9.0 9.0 13.4

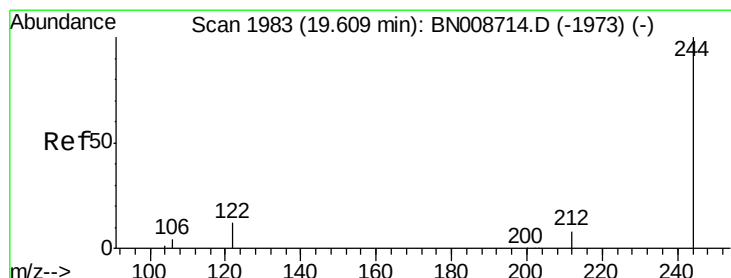
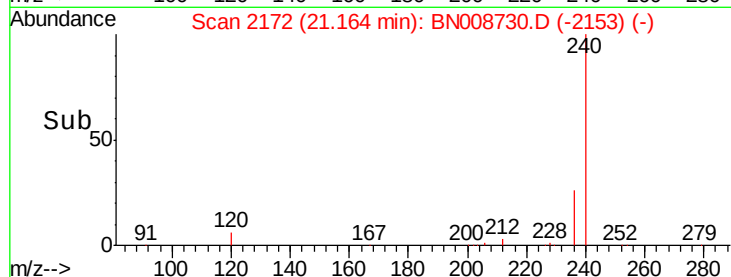
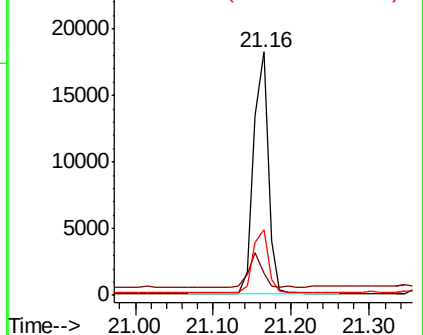
236 27.2 21.8 32.6



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: 0.401 ng

RT: 19.61 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN008730.D

Acq: 23 Nov 2019 15:49

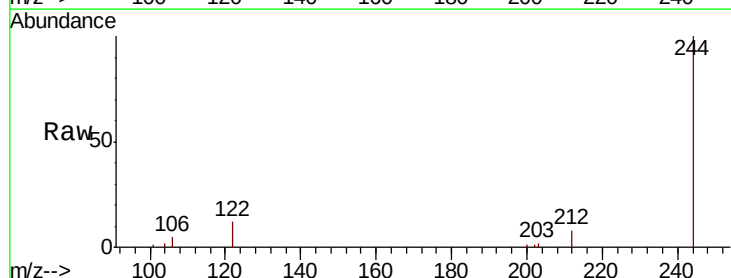
Tgt Ion:244 Resp: 23331

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

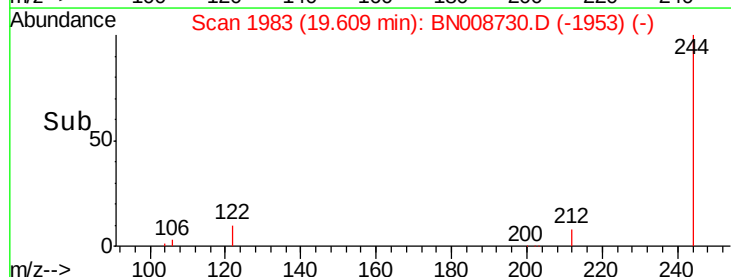
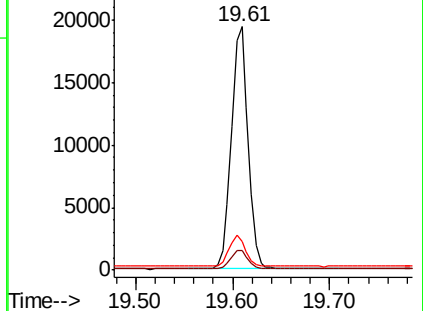
122 12.0 10.1 15.1

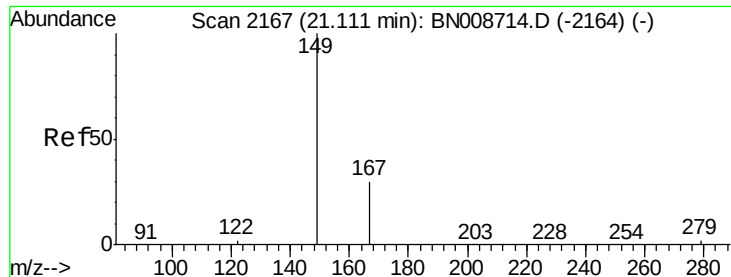


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.351 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN008730.D

Acq: 23 Nov 2019 15:49

Instrument :

BNA_N

ClientSampleId :

KY038PS027-191111

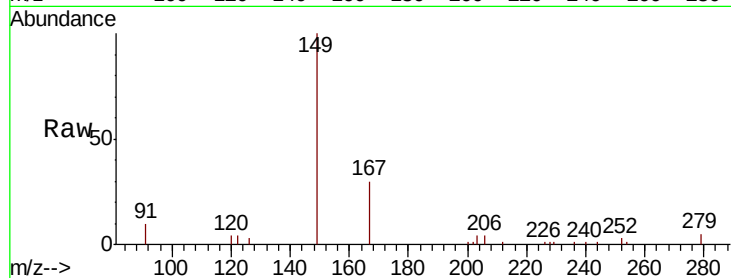
Tot Ion:149 Resp: 20140

Ion Ratio Lower Upper

149 100

167 28.6 23.5 35.3

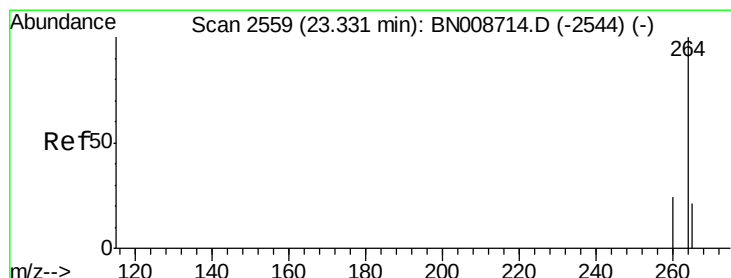
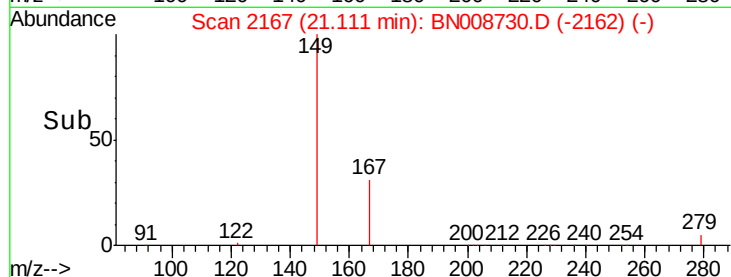
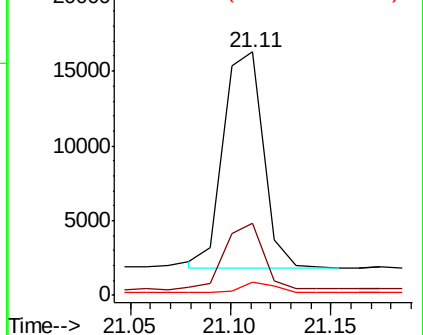
279 3.8 3.4 5.0



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

Perylene-d12

Concen: 0.400 ng

RT: 23.32 min Scan# 2556

Delta R.T. -0.01 min

Lab File: BN008730.D

Acq: 23 Nov 2019 15:49

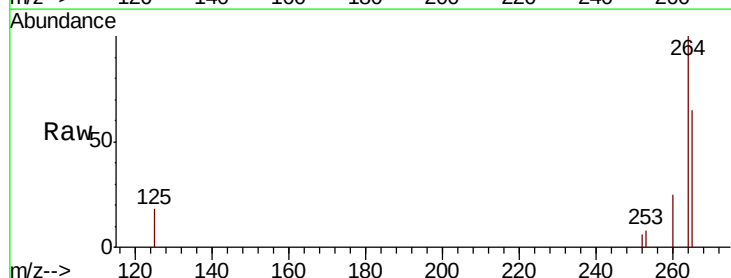
Tgt Ion:264 Resp: 25603

Ion Ratio Lower Upper

264 100

260 24.9 19.6 29.4

265 64.8 61.8 92.6



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

