

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121719\
 Data File : BN009012.D
 Acq On : 17 Dec 2019 12:29
 Operator : JU
 Sample : K6237-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-191209

Quant Time: Dec 17 16:09:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 17:02:53 2019
 Response via : Initial Calibration

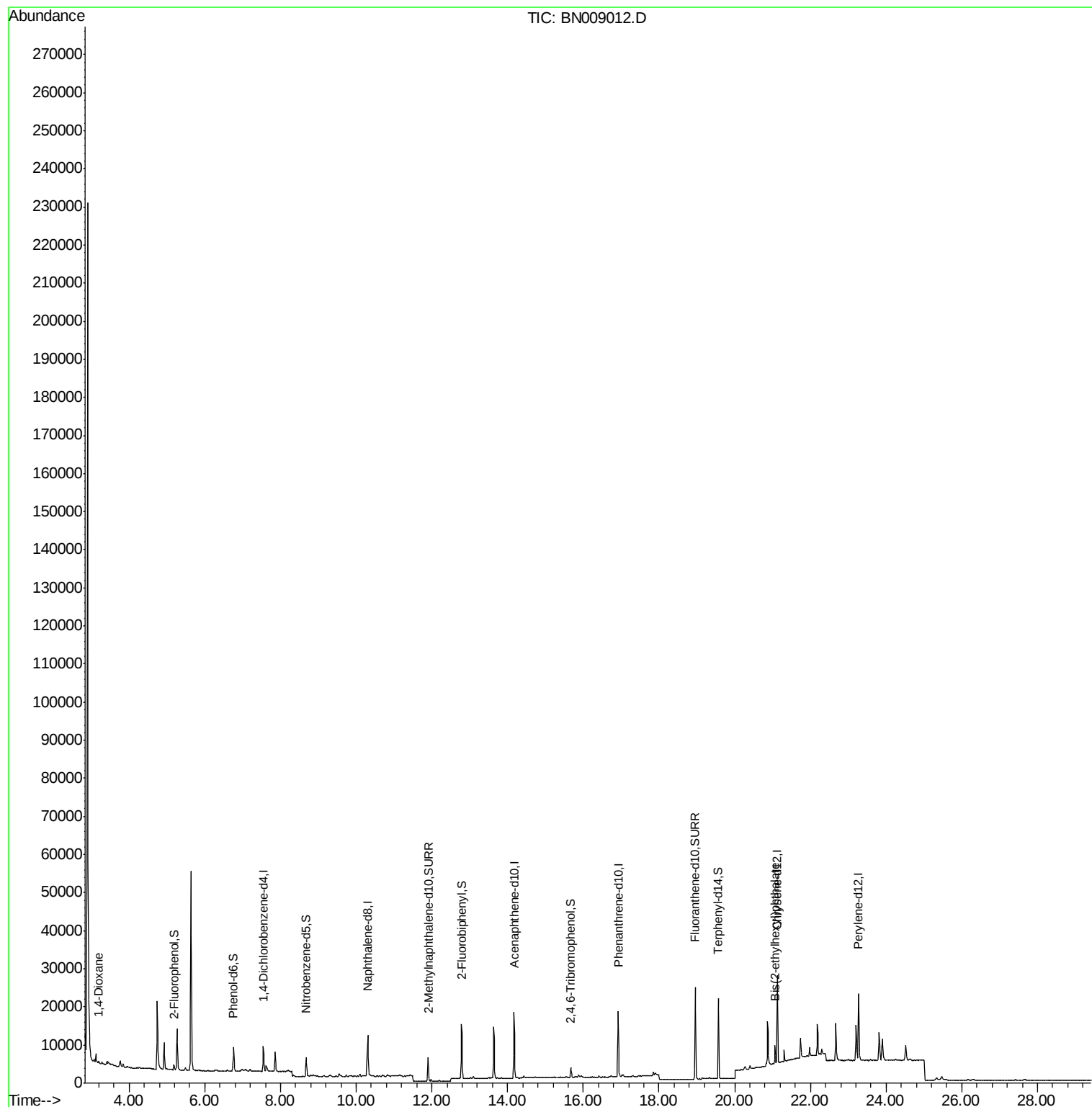
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	3183	0.40	ng	-0.02
7) Naphthalene-d8	10.30	136	13568	0.40	ng	-0.01
13) Acenaphthene-d10	14.17	164	9638	0.40	ng	-0.01
19) Phenanthrene-d10	16.92	188	23388	0.40	ng	-0.01
27) Chrysene-d12	21.12	240	22087	0.40	ng	-0.01
34) Perylene-d12	23.27	264	20380	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	1217	0.15	ng	0.00
5) Phenol-d6	6.74	99	1078	0.10	ng	-0.02
8) Nitrobenzene-d5	8.68	82	4014	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	11.90	152	8808	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.67	330	1858	0.40	ng	-0.01
15) 2-Fluorobiphenyl	12.79	172	13210	0.36	ng	-0.02
25) Fluoranthene-d10	18.96	212	27026	0.38	ng	0.00
29) Terphenyl-d14	19.57	244	20257	0.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.19	88	239	0.080	ng	Qvalue # 76
32) Bis(2-ethylhexyl)phthalate	21.07	149	3940	0.107	ng	99

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

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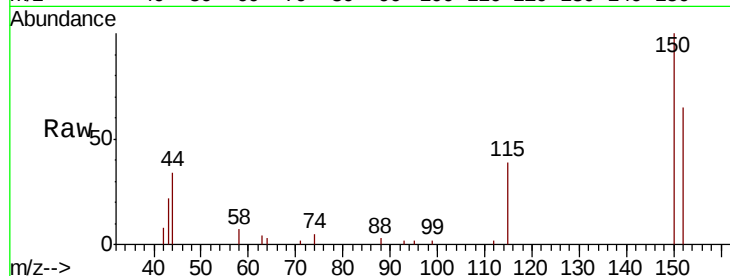


#1

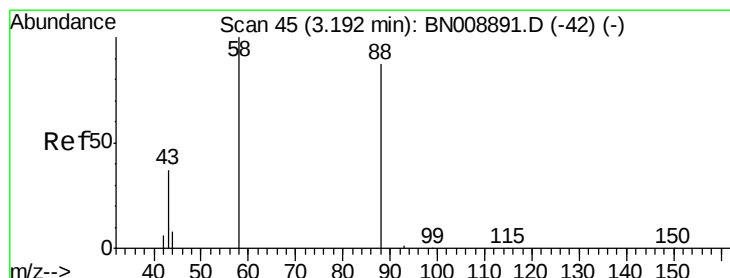
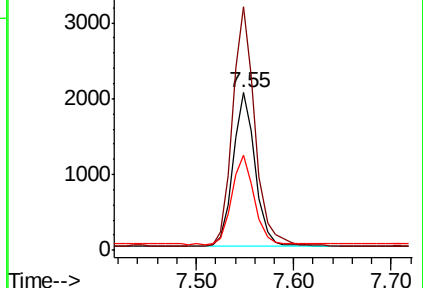
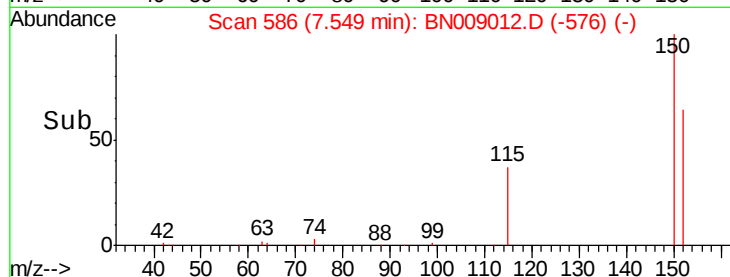
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. -0.02 min
Lab File: BN009012.D
Acq: 17 Dec 2019 12:29

Instrument :
BNA_N
ClientSampleId :
KY038PS027-191209

Tot Ion:152 Resp: 3183
Ion Ratio Lower Upper
152 100
150 154.5 122.3 183.5
115 60.6 48.4 72.6



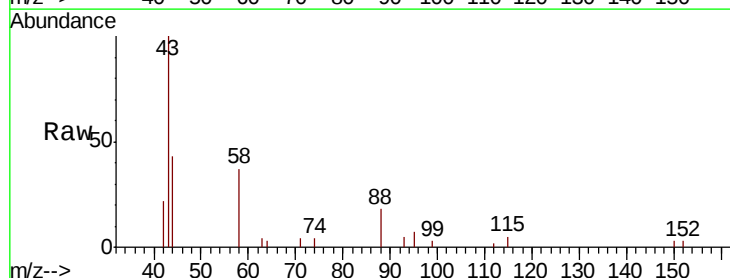
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



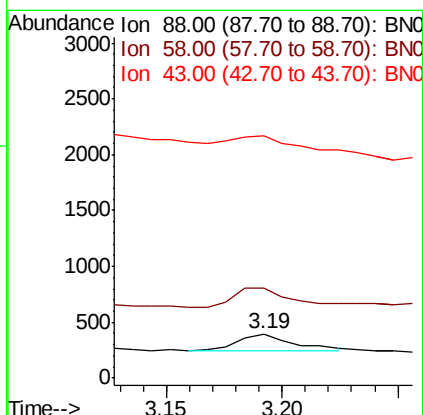
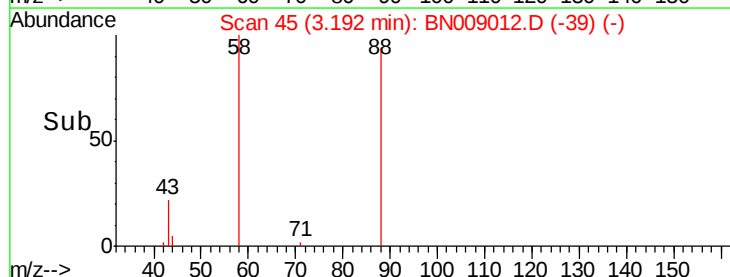
#2

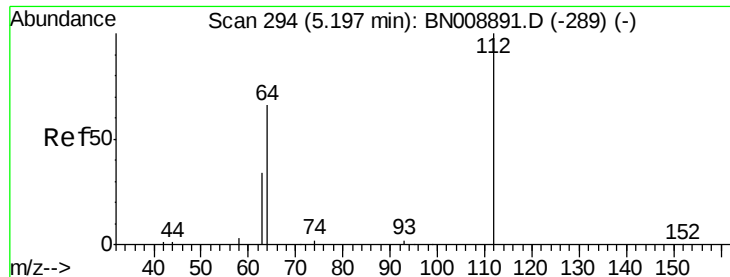
1,4-Dioxane
Concen: 0.080 ng
RT: 3.19 min Scan# 45
Delta R.T. -0.00 min
Lab File: BN009012.D
Acq: 17 Dec 2019 12:29

Tgt Ion: 88 Resp: 239
Ion Ratio Lower Upper
88 100
58 115.9 88.6 132.8
43 86.6 31.8 47.8#



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: 0.150 ng

RT: 5.19 min Scan# 293

Delta R.T. -0.01 min

Lab File: BN009012.D

Acq: 17 Dec 2019 12:29

Instrument :

BNA_N

ClientSampleId :

KY038PS027-191209

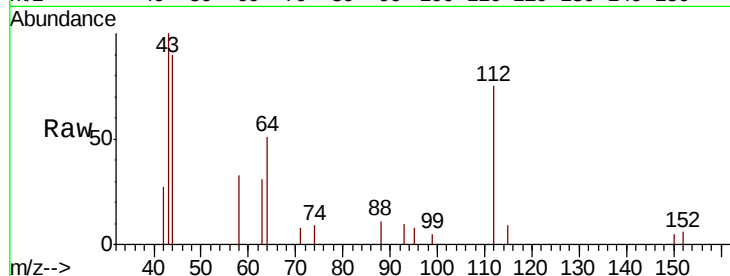
Tot Ion: 112 Resp: 1217

Ion Ratio Lower Upper

112 100

64 70.8 57.7 86.5

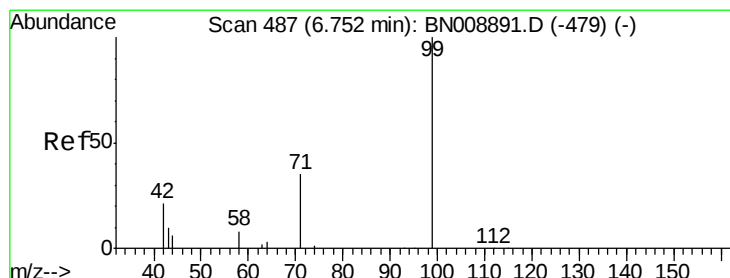
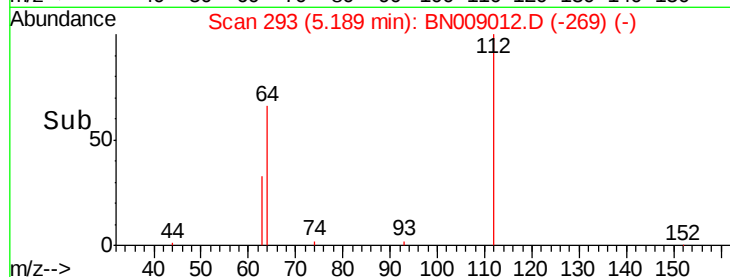
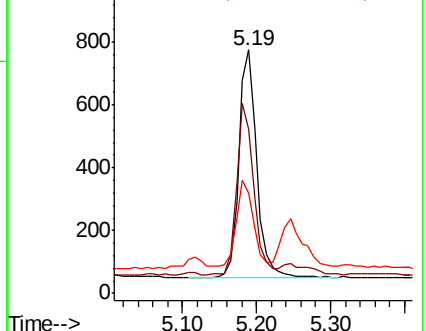
63 36.4 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.096 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.02 min

Lab File: BN009012.D

Acq: 17 Dec 2019 12:29

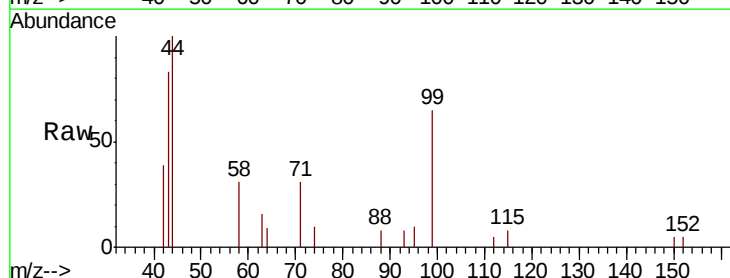
Tgt Ion: 99 Resp: 1078

Ion Ratio Lower Upper

99 100

42 0.0 20.1 30.1#

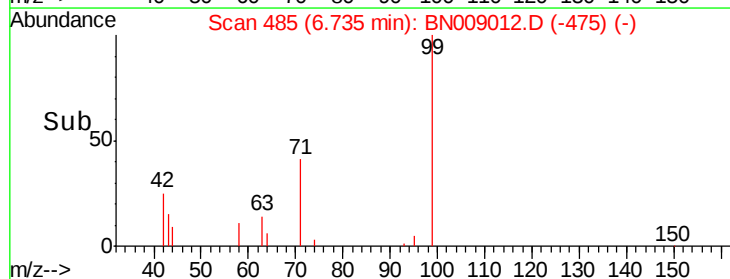
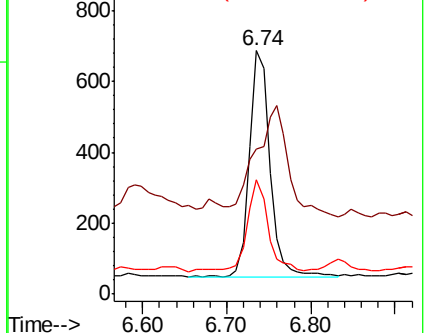
71 41.9 28.2 42.2

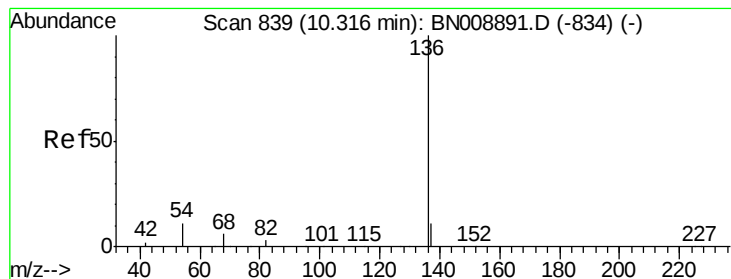


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.30 min Scan# 838

Delta R.T. -0.01 min

Lab File: BN009012.D

Acq: 17 Dec 2019 12:29

Instrument :

BNA_N

ClientSampleId :

KY038PS027-191209

Tot Ion:136 Resp: 13568

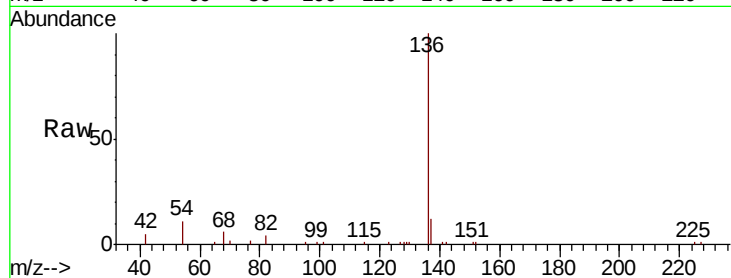
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 11.5 9.6 14.4

68 6.3 5.6 8.4



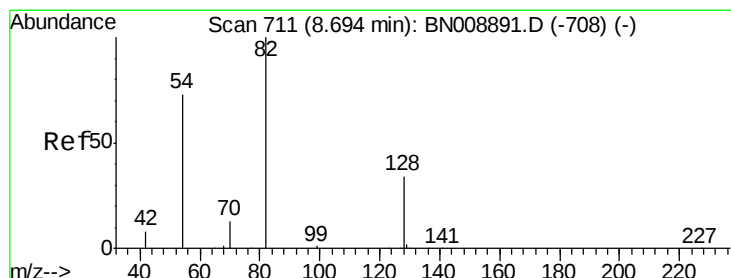
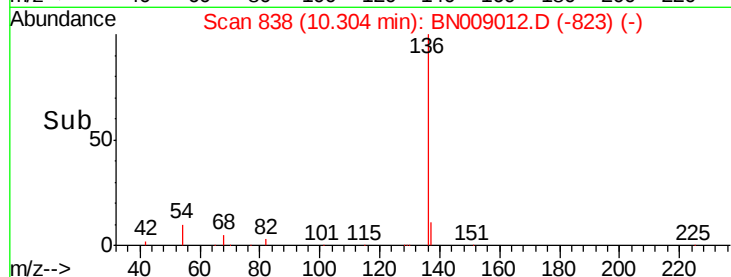
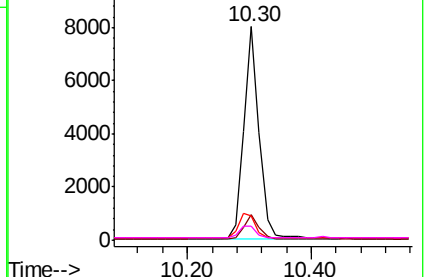
Abundance

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: 0.349 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.01 min

Lab File: BN009012.D

Acq: 17 Dec 2019 12:29

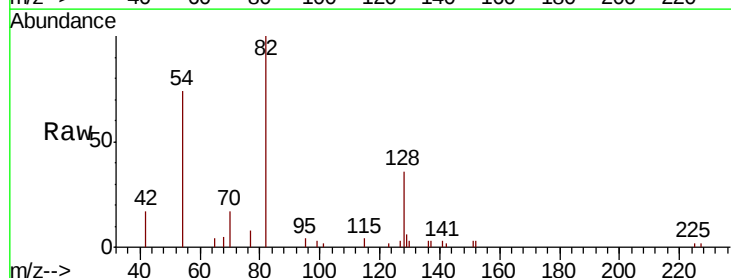
Tgt Ion: 82 Resp: 4014

Ion Ratio Lower Upper

82 100

128 36.5 29.1 43.7

54 73.9 59.7 89.5

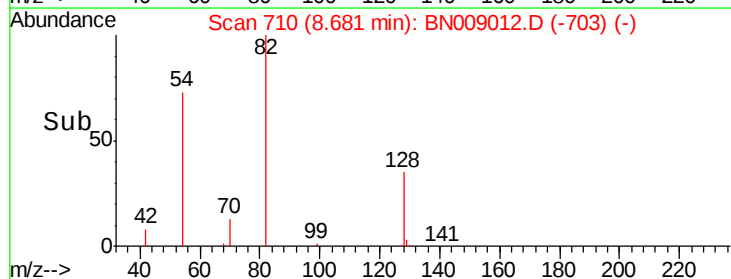
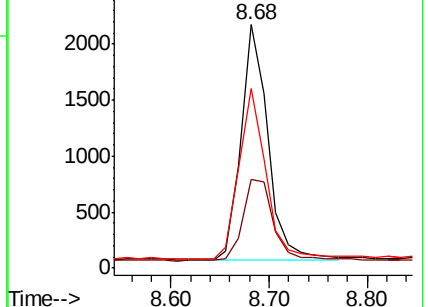


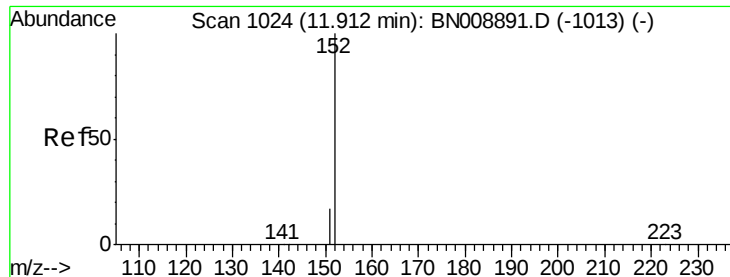
Abundance

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

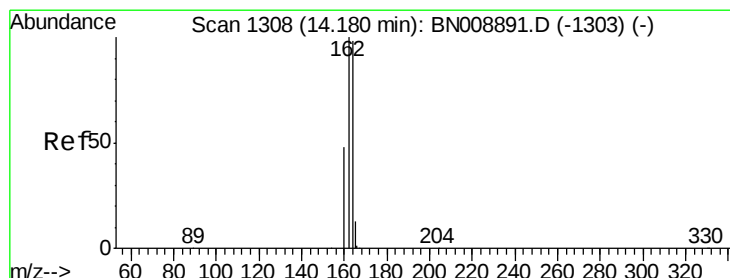
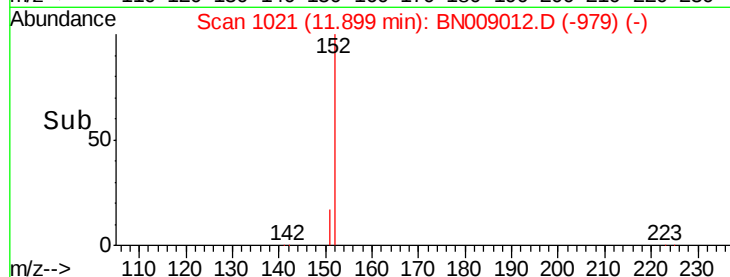
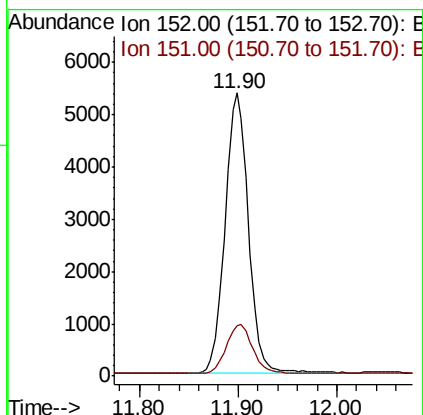
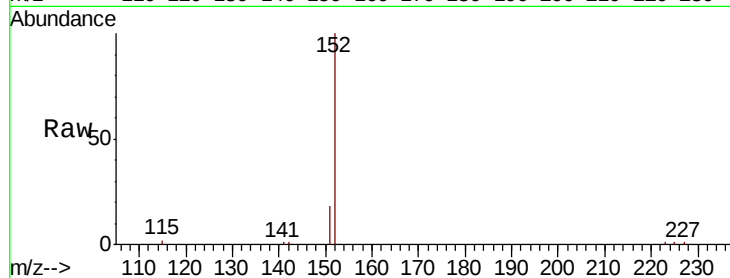




#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 11.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BN009012.D
Acq: 17 Dec 2019 12:29

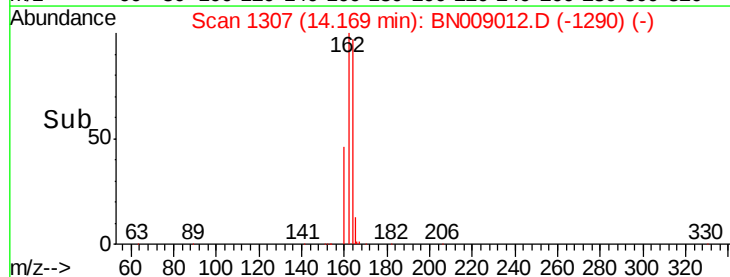
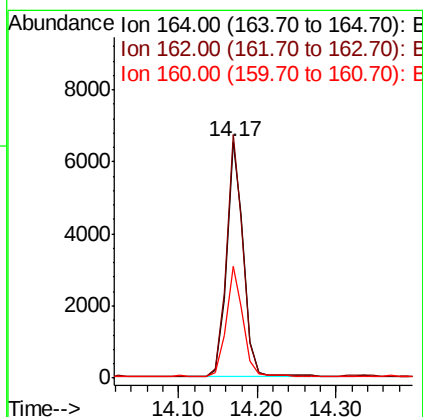
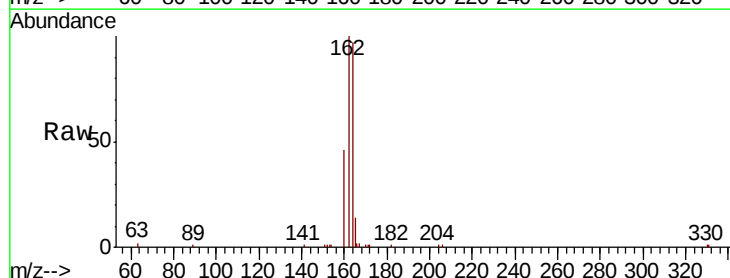
Instrument :
BNA_N
ClientSampleId :
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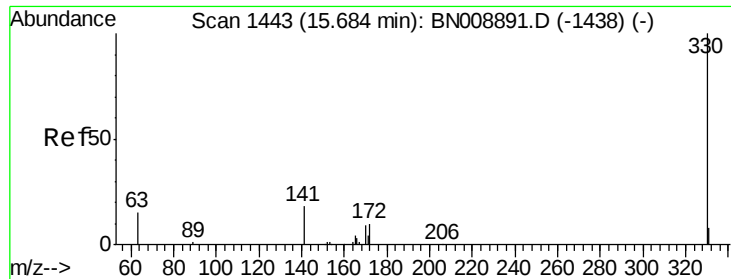
Tot Ion:152 Resp: 8808
Ion Ratio Lower Upper
152 100
151 19.3 15.2 22.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BN009012.D
Acq: 17 Dec 2019 12:29

Tgt Ion:164 Resp: 9638
Ion Ratio Lower Upper
164 100
162 102.9 81.9 122.9
160 47.4 39.3 58.9

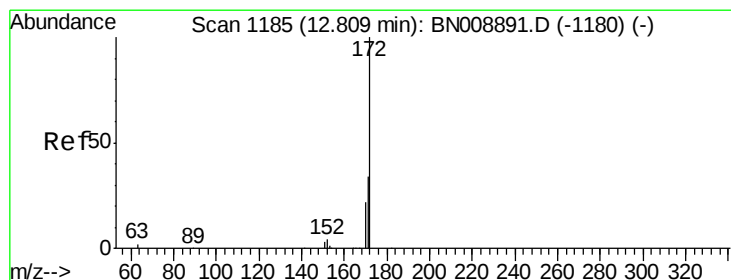
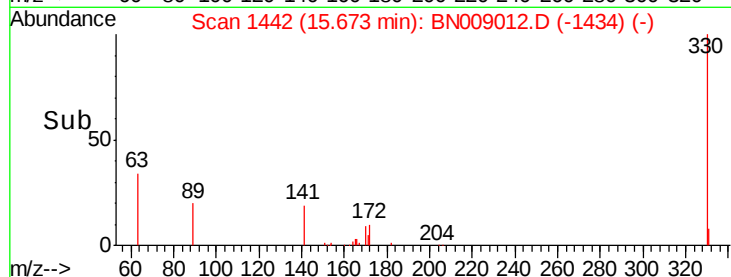
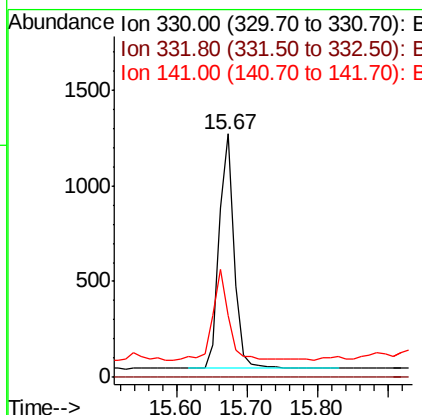
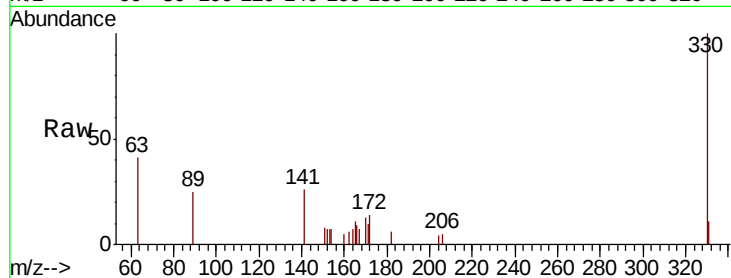




#14
 2,4,6-Tribromophenol
 Concen: 0.402 ng
 RT: 15.67 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BN009012.D
 Acq: 17 Dec 2019 12:29

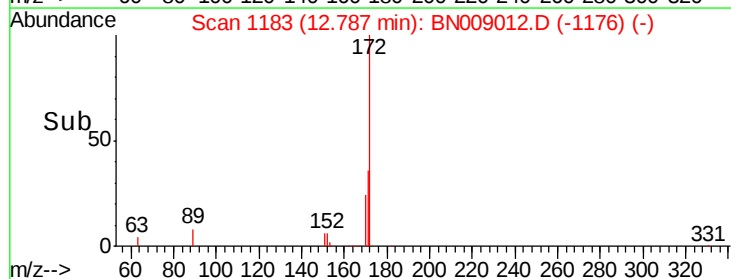
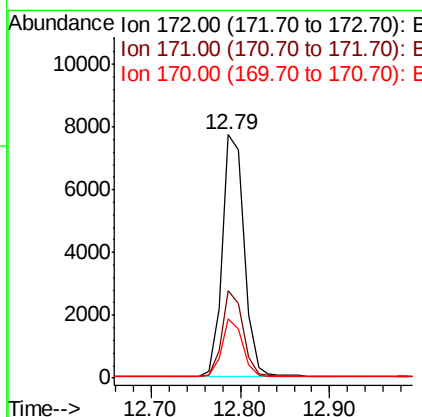
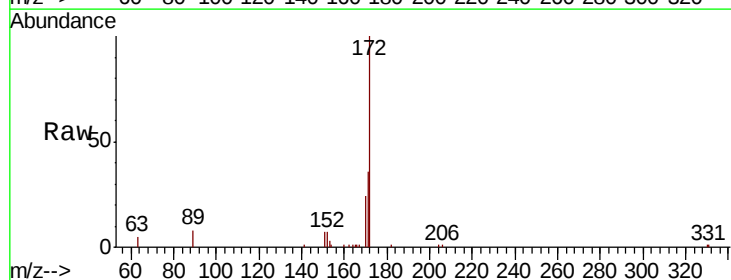
Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-191209

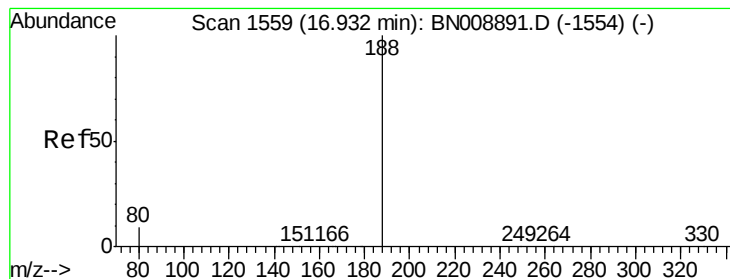
Tot Ion:330 Resp: 1858
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.5 29.6 44.4



#15
 2-Fluorobiphenyl
 Concen: 0.361 ng
 RT: 12.79 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BN009012.D
 Acq: 17 Dec 2019 12:29

Tgt Ion:172 Resp: 13210
 Ion Ratio Lower Upper
 172 100
 171 36.0 27.1 40.7
 170 24.4 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BN009012.D

Acq: 17 Dec 2019 12:29

Instrument :

BNA_N

ClientSampleId :

KY038PS027-191209

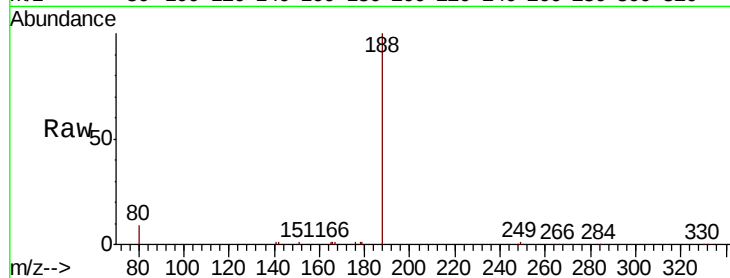
Tot Ion:188 Resp: 23388

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

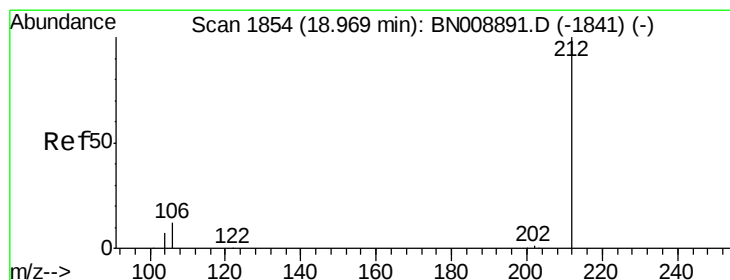
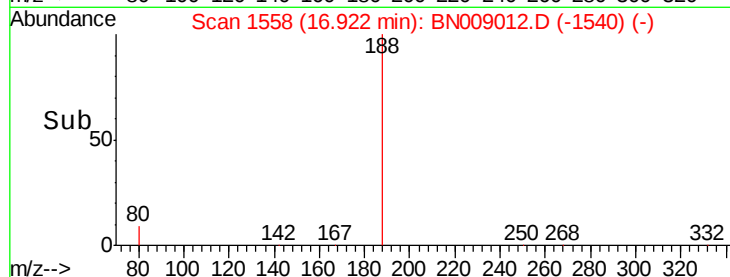
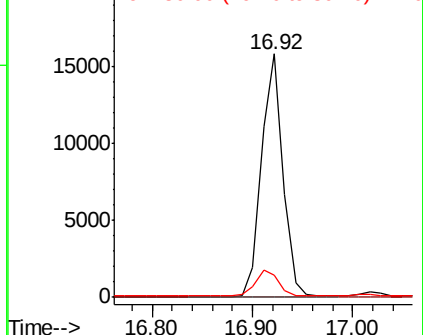
80 9.2 7.3 10.9



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: 0.382 ng

RT: 18.96 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BN009012.D

Acq: 17 Dec 2019 12:29

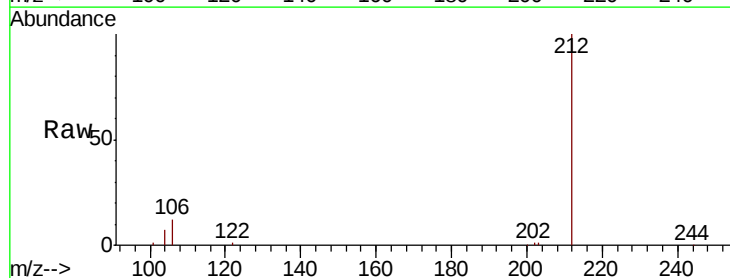
Tgt Ion:212 Resp: 27026

Ion Ratio Lower Upper

212 100

106 12.6 10.4 15.6

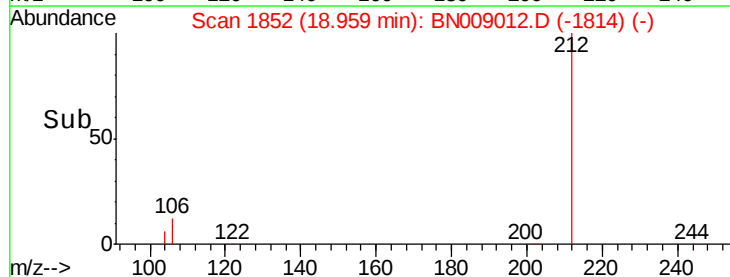
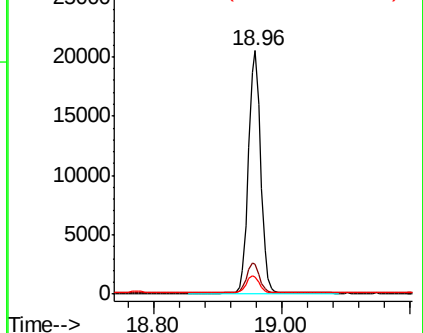
104 7.0 5.9 8.9

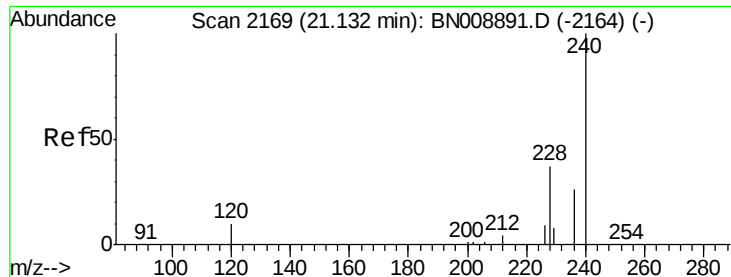


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

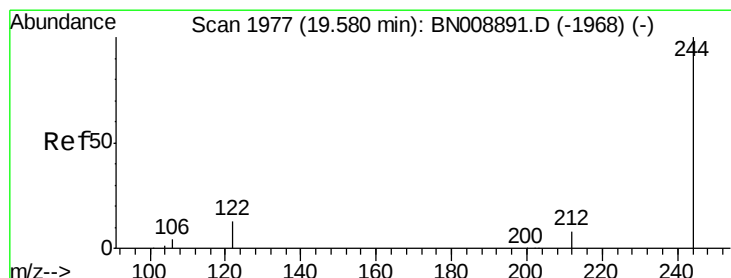
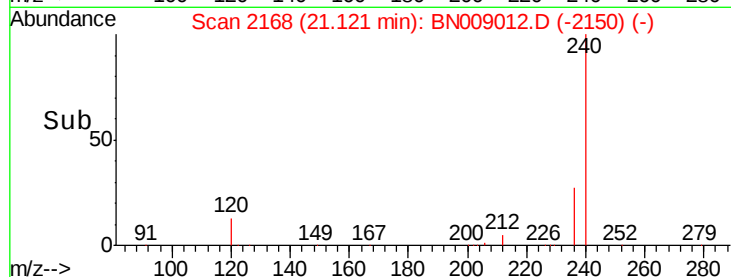
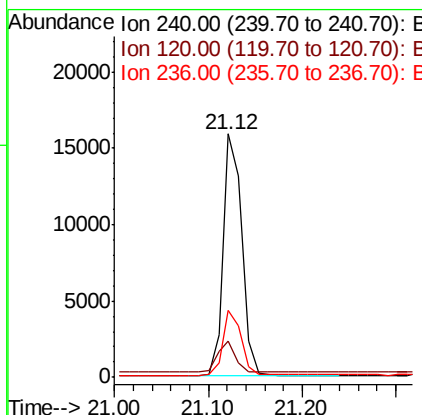
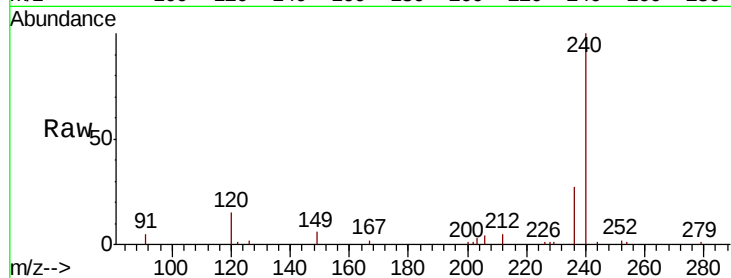




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN009012.D
Acq: 17 Dec 2019 12:29

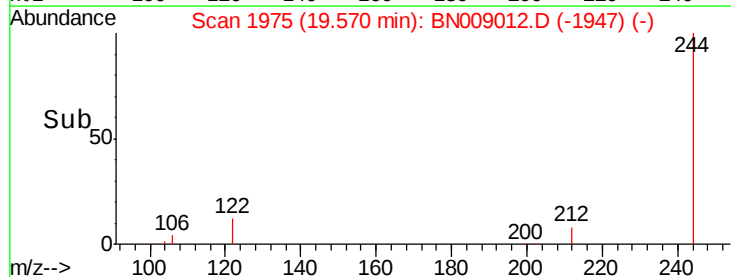
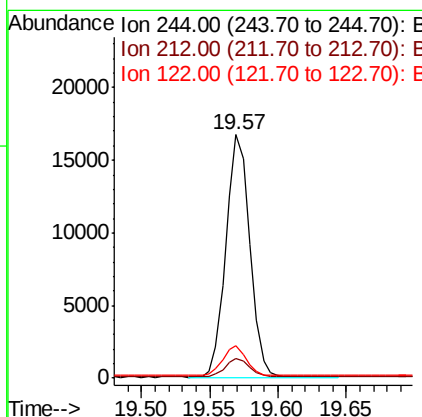
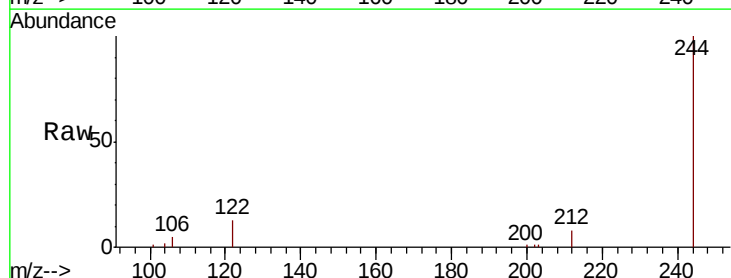
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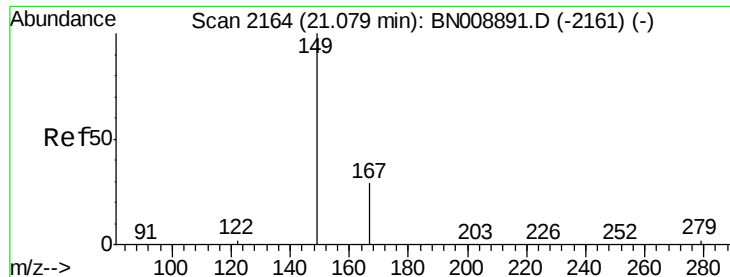
Tot Ion:240 Resp: 22087
Ion Ratio Lower Upper
240 100
120 14.7 9.1 13.7#
236 27.5 21.5 32.3



#29
Terphenyl-d14
Concen: 0.402 ng
RT: 19.57 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BN009012.D
Acq: 17 Dec 2019 12:29

Tgt Ion:244 Resp: 20257
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 13.1 10.4 15.6





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.107 ng

RT: 21.07 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BN009012.D

Acq: 17 Dec 2019 12:29

Instrument :

BNA_N

ClientSampleId :

KY038PS027-191209

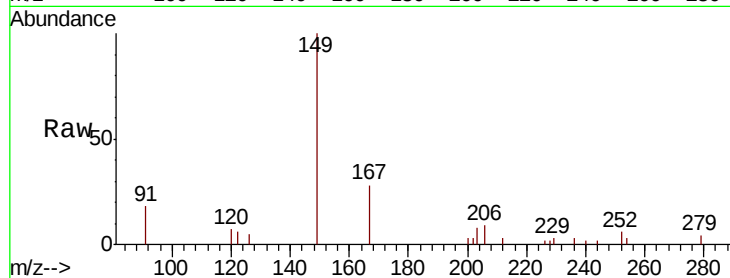
Tot Ion:149 Resp: 3940

Ion Ratio Lower Upper

149 100

167 28.1 22.7 34.1

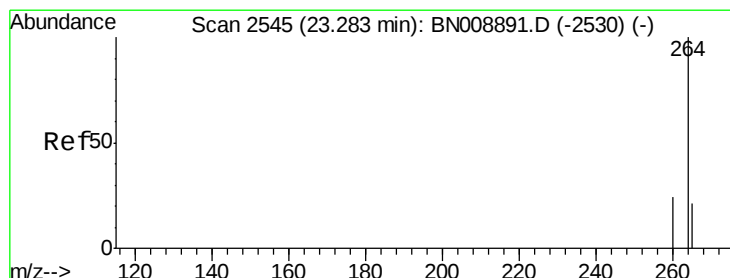
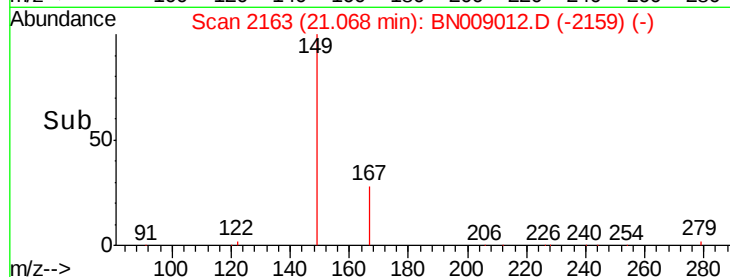
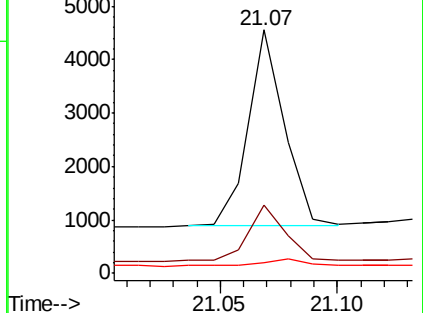
279 4.3 3.3 4.9



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: 23.27 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BN009012.D

Acq: 17 Dec 2019 12:29

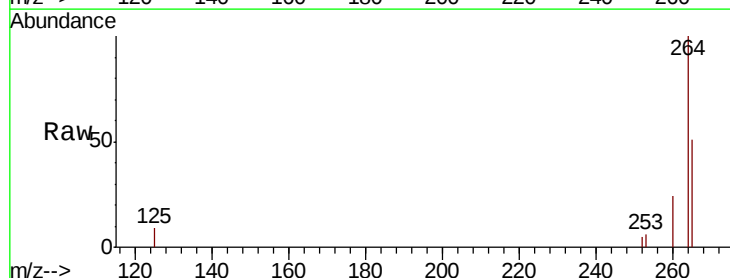
Tgt Ion:264 Resp: 20380

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

265 51.0 47.5 71.3



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

