

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072320\
 Data File : BN011228.D
 Acq On : 22 Jul 2020 21:25
 Operator : CG/JU
 Sample : L3371-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-200720

Quant Time: Jul 23 05:37:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 19:29:31 2020
 Response via : Initial Calibration

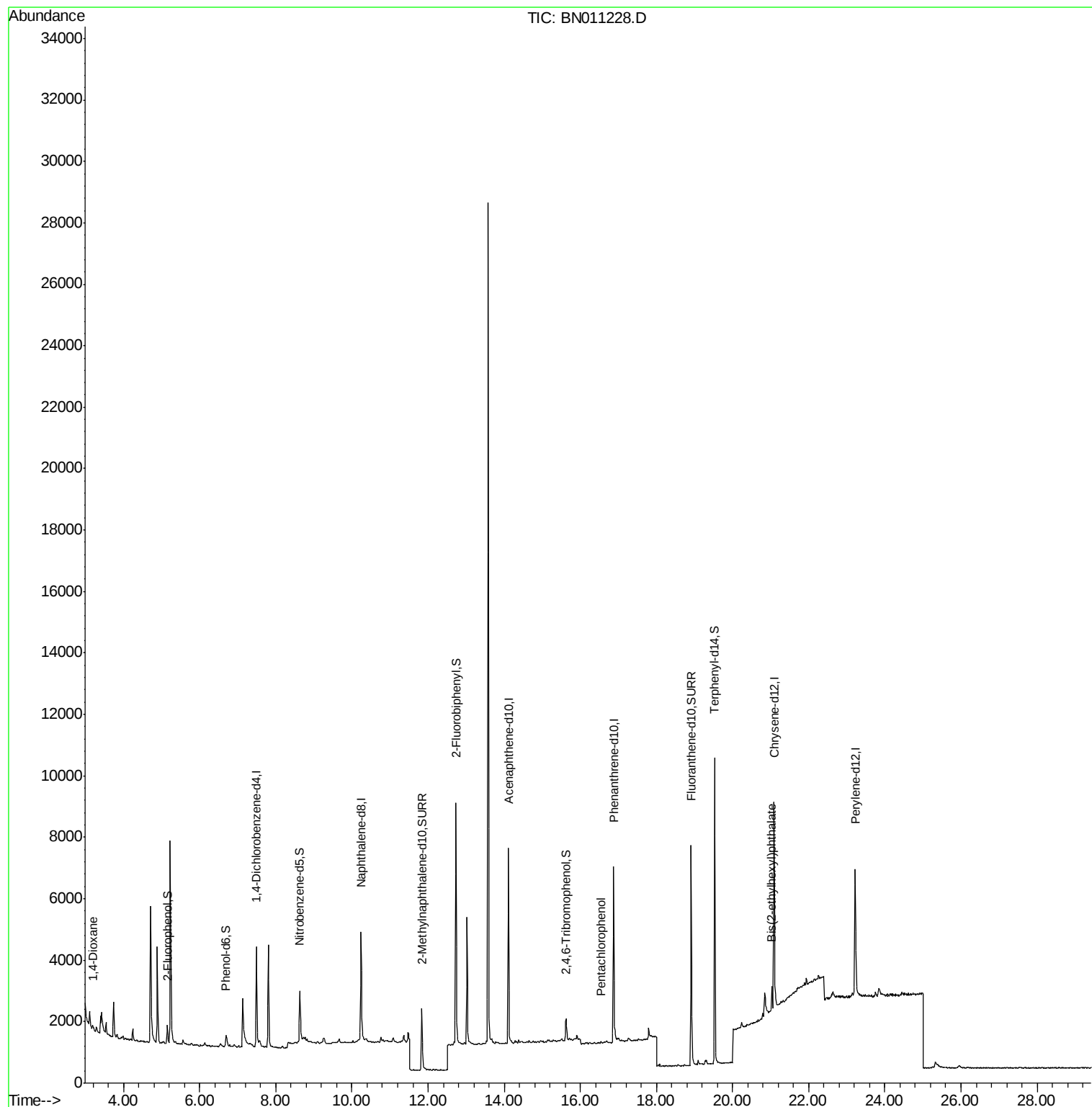
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	1571	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	5737	0.40	ng	0.00
13) Acenaphthene-d10	14.12	164	3724	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	8426	0.40	ng	0.00
29) Chrysene-d12	21.09	240	7044	0.40	ng	-0.01
36) Perylene-d12	23.22	264	6263	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.15	112	604	0.16	ng	0.00
5) Phenol-d6	6.69	99	405	0.09	ng	0.00
8) Nitrobenzene-d5	8.63	82	2236	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	11.83	152	3211	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.63	330	617	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	8017	0.46	ng	0.00
27) Fluoranthene-d10	18.91	212	9045	0.34	ng	0.00
31) Terphenyl-d14	19.53	244	10674	0.58	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.19	88	136	0.061	ng	# 1
24) Pentachlorophenol	16.54	266	52	0.026	ng	# 79
34) Bis(2-ethylhexyl)phthalate	21.02	149	833	0.089	ng	# 95

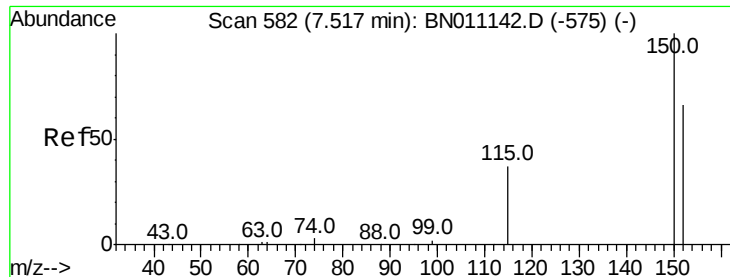
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 19:29:31 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.49 min Scan# 560

Delta R.T. 0.00 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200720

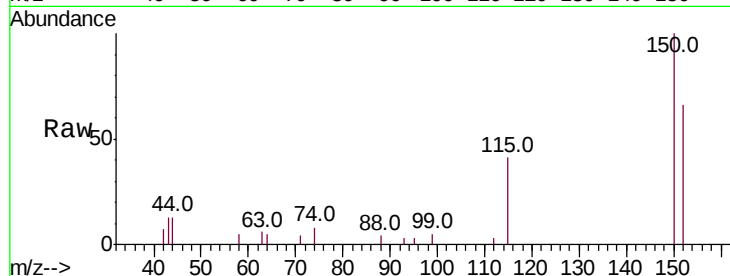
Tot Ion:152 Resp: 1571

Ion Ratio Lower Upper

152 100

150 151.2 119.4 179.0

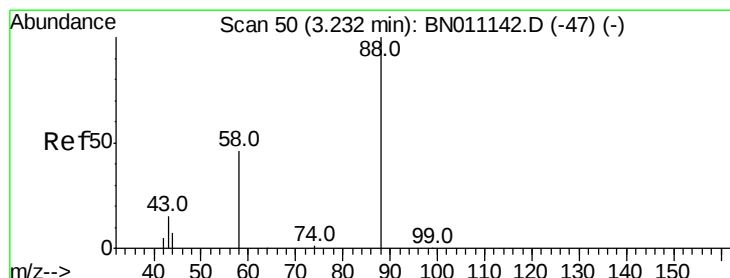
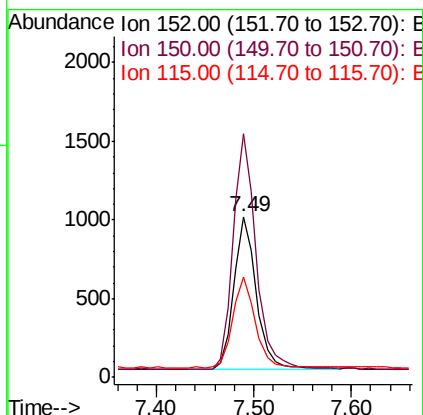
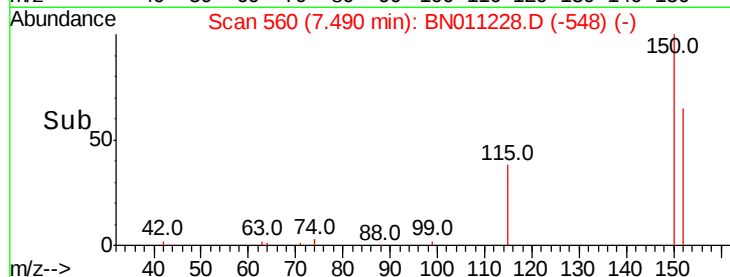
115 62.2 48.3 72.5



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: 0.061 ng

RT: 3.19 min Scan# 26

Delta R.T. 0.00 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

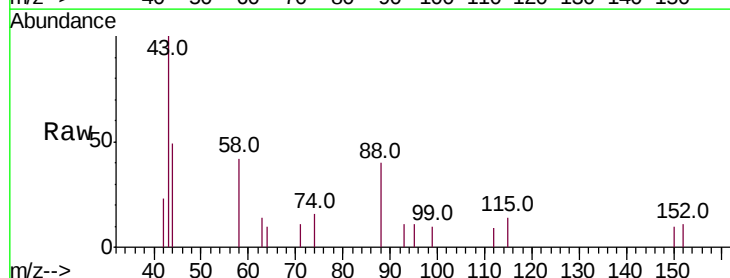
Tgt Ion: 88 Resp: 136

Ion Ratio Lower Upper

88 100

58 92.6 36.5 54.7#

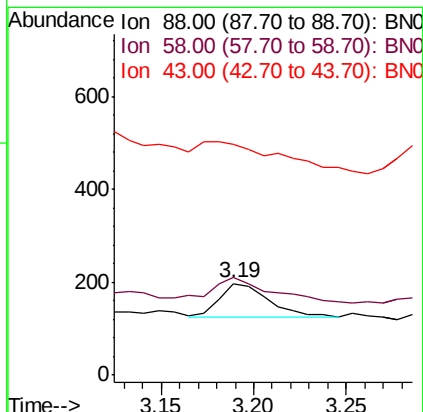
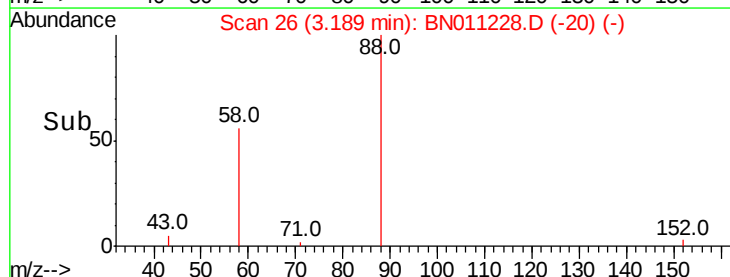
43 127.9 14.3 21.5#

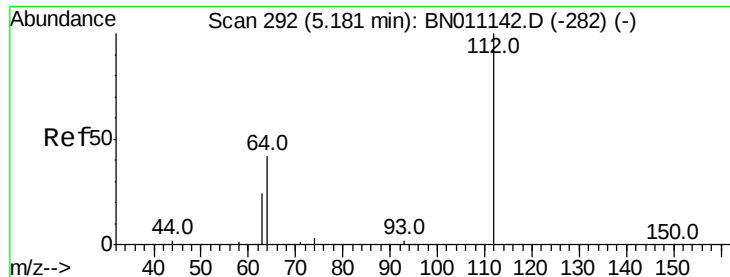


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.156 ng

RT: 5.15 min Scan# 270

Delta R.T. 0.01 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

Instrument :

BNA_N

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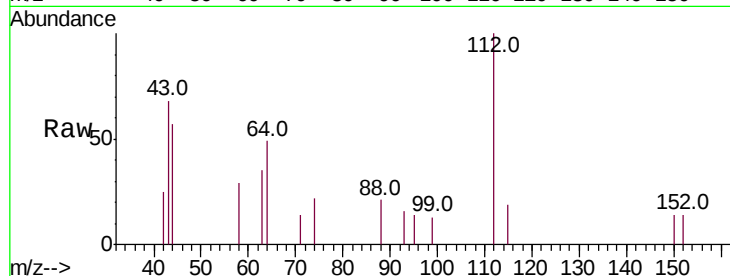
Tot Ion:112 Resp: 604

Ion Ratio Lower Upper

112 100

64 45.5 36.7 55.1

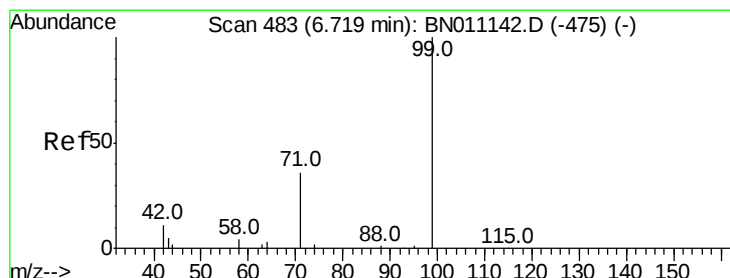
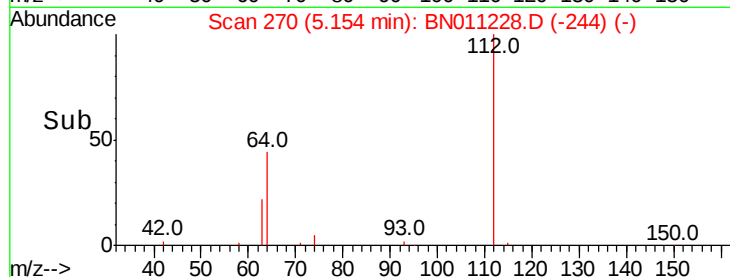
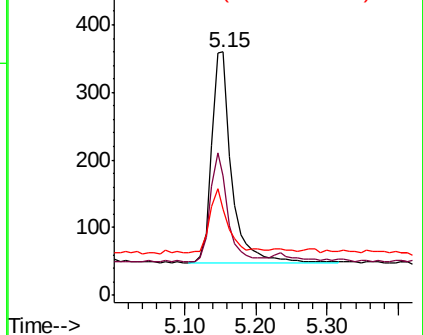
63 28.0 20.4 30.6



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: 0.092 ng

RT: 6.69 min Scan# 461

Delta R.T. 0.00 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

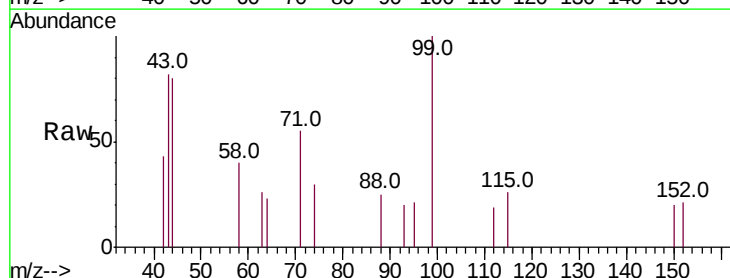
Tgt Ion: 99 Resp: 405

Ion Ratio Lower Upper

99 100

42 17.3 10.8 16.2#

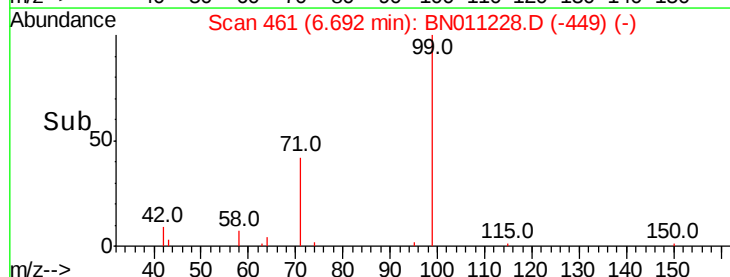
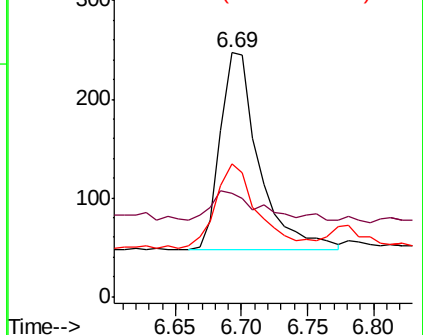
71 47.7 31.3 46.9#

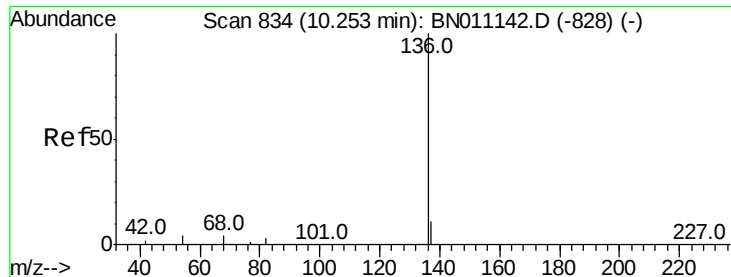


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.24 min Scan# 814

Delta R.T. 0.00 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200720

Tot Ion:136 Resp: 5737

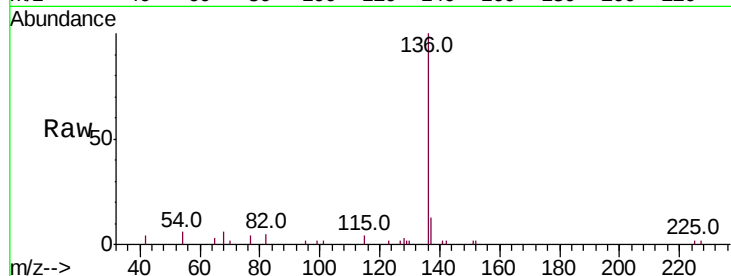
Ion Ratio Lower Upper

136 100

137 12.7 10.3 15.5

54 6.0 4.9 7.3

68 6.2 4.9 7.3

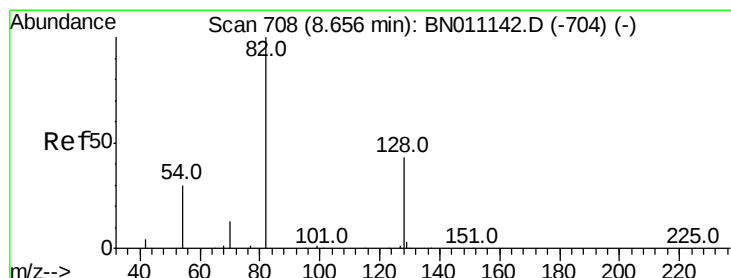
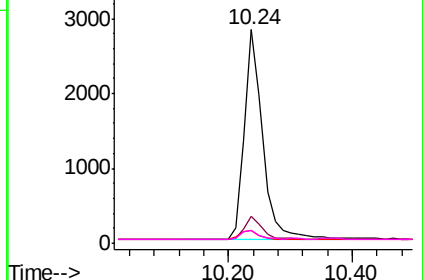
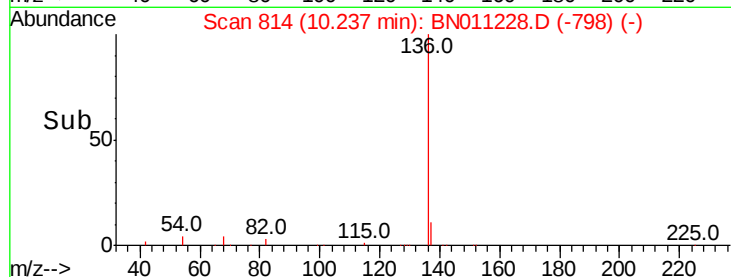


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.440 ng

RT: 8.63 min Scan# 687

Delta R.T. 0.00 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

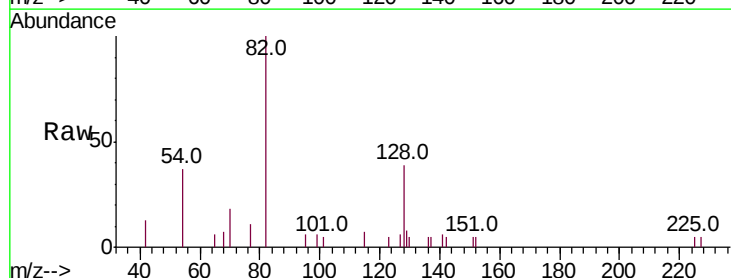
Tgt Ion: 82 Resp: 2236

Ion Ratio Lower Upper

82 100

128 39.0 38.1 57.1

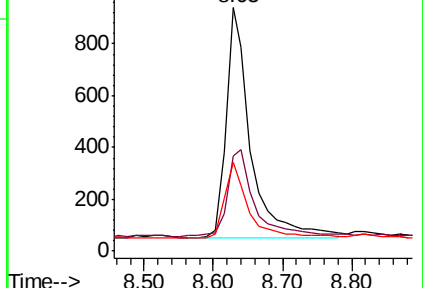
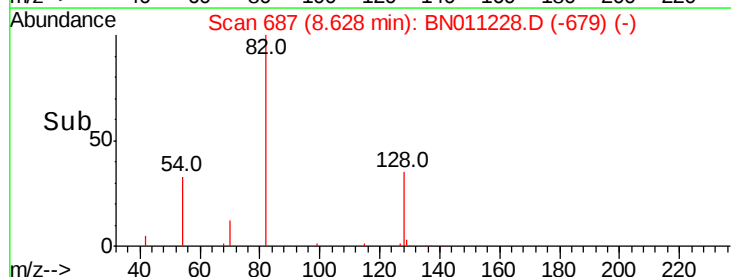
54 36.7 27.1 40.7

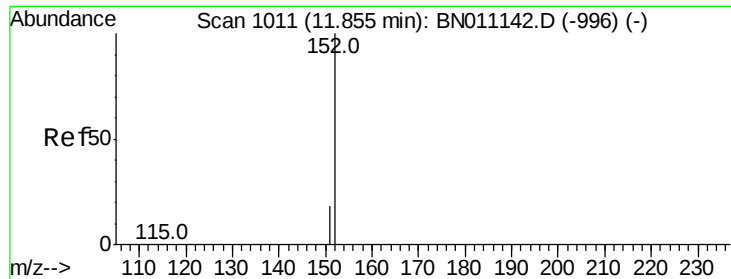


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

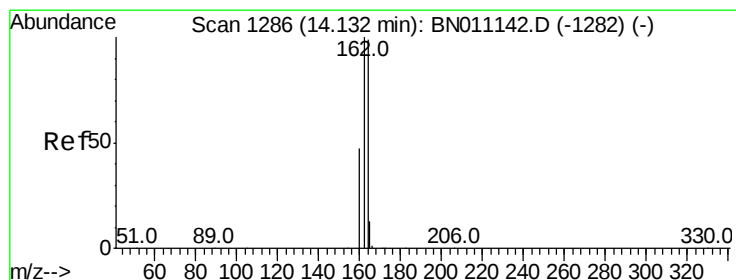
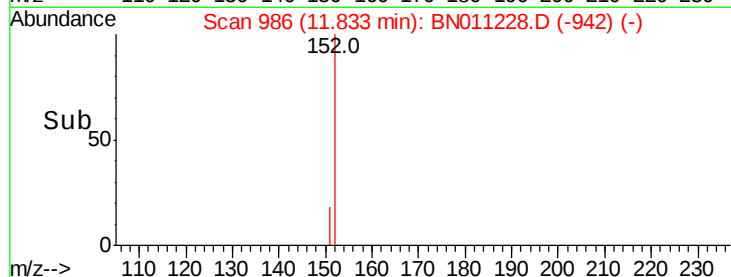
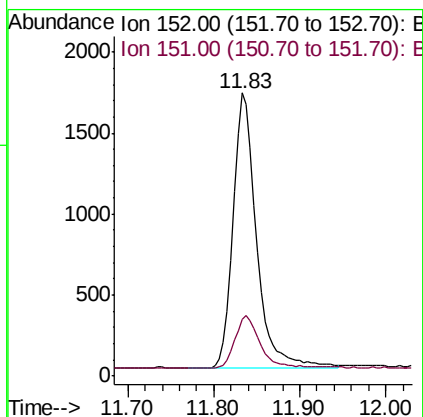
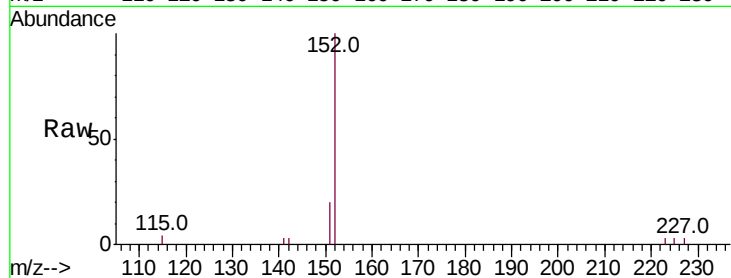




#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 11.83 min Scan# 986
Delta R.T. -0.00 min
Lab File: BN011228.D
Acq: 22 Jul 2020 21:25

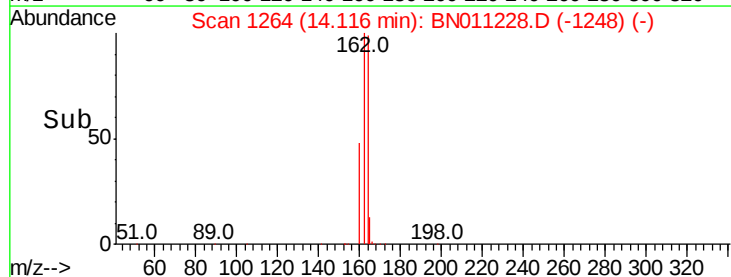
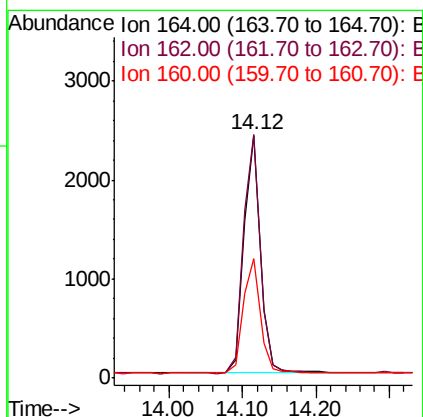
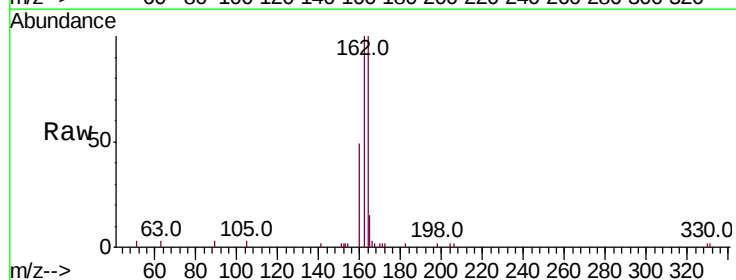
Instrument :
BNA_N
ClientSampleId :
KY038PS027-200720

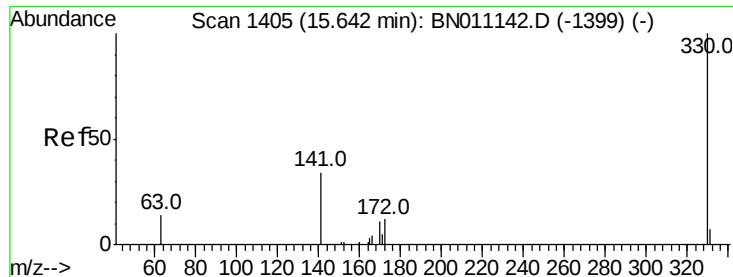
Tot Ion:152 Resp: 3211
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.12 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BN011228.D
Acq: 22 Jul 2020 21:25

Tgt Ion:164 Resp: 3724
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.4
160 49.3 39.0 58.6

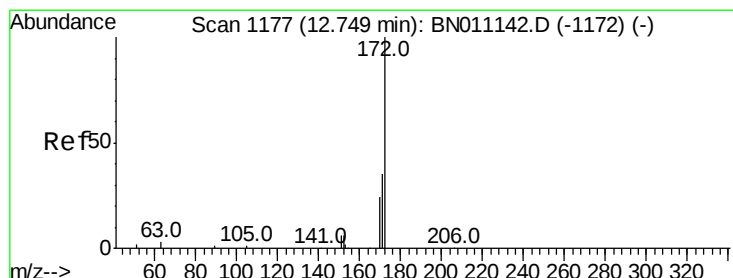
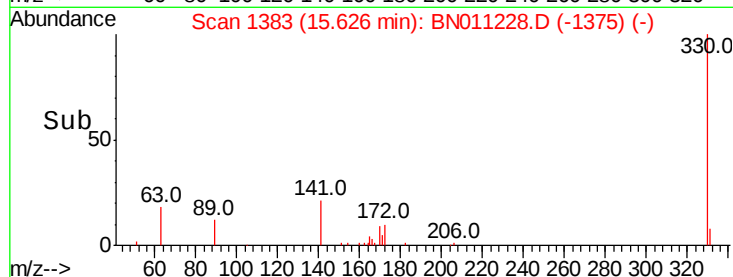
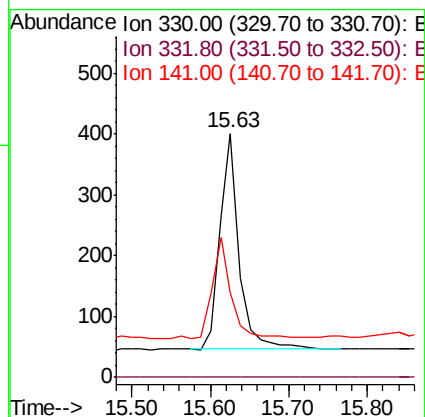
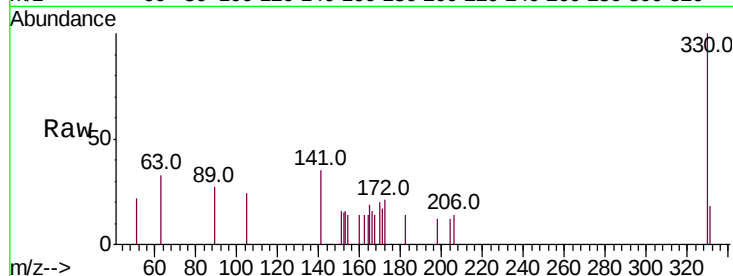




#14
2,4,6-Tribromophenol
Concen: 0.373 ng
RT: 15.63 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BN011228.D
Acq: 22 Jul 2020 21:25

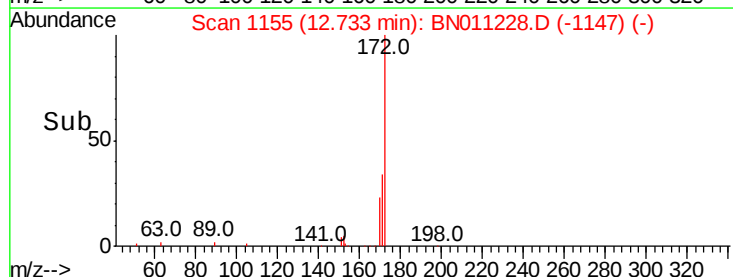
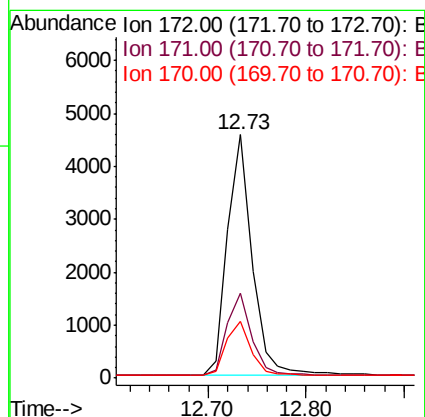
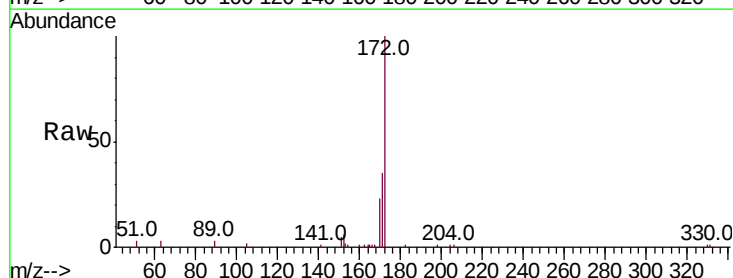
Instrument :
BNA_N
ClientSampleId :
KY038PS027-200720

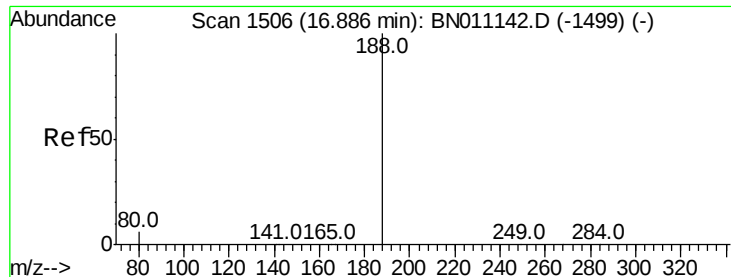
Tot Ion:330 Resp: 617
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 47.5 31.5 47.3#



#15
2-Fluorobiphenyl
Concen: 0.460 ng
RT: 12.73 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BN011228.D
Acq: 22 Jul 2020 21:25

Tgt Ion:172 Resp: 8017
Ion Ratio Lower Upper
172 100
171 35.0 29.0 43.6
170 23.5 20.3 30.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.87 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200720

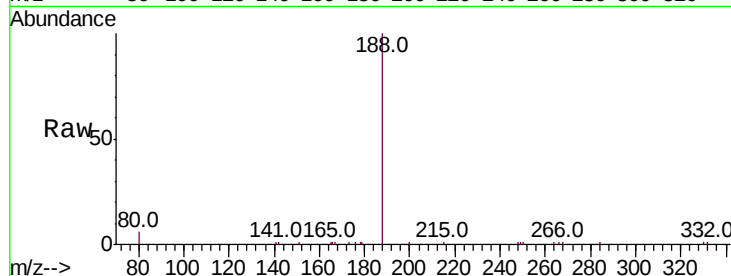
Tot Ion:188 Resp: 8426

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

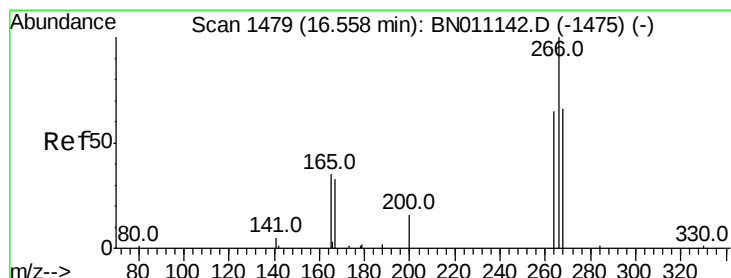
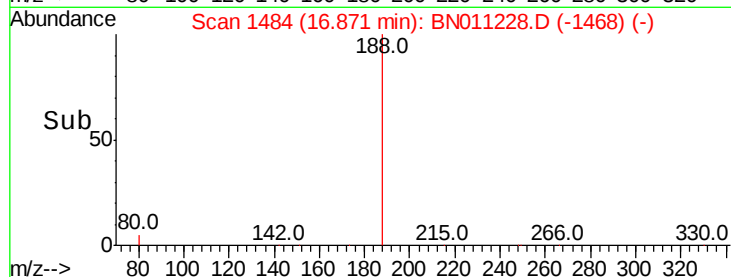
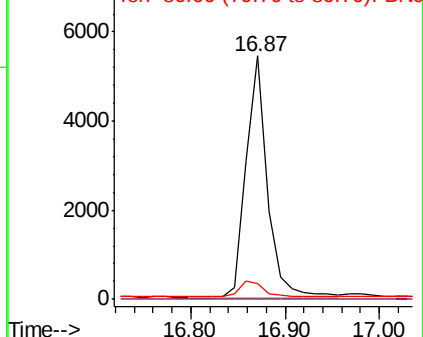
80 6.4 6.3 9.5



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



#24

Pentachlorophenol

Concen: 0.026 ng

RT: 16.54 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

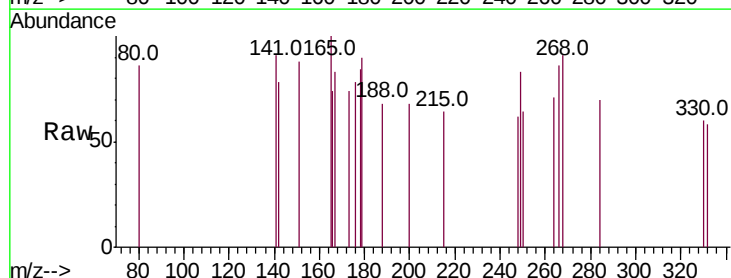
Tgt Ion:266 Resp: 52

Ion Ratio Lower Upper

266 100

264 38.5 52.5 78.7#

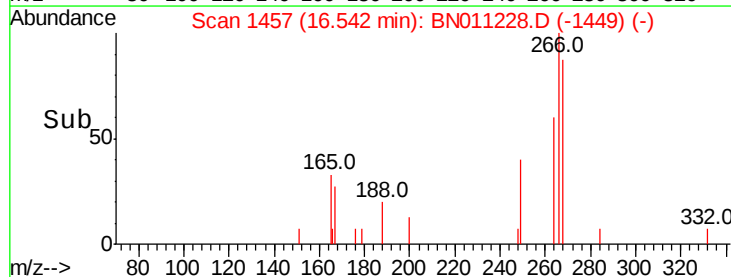
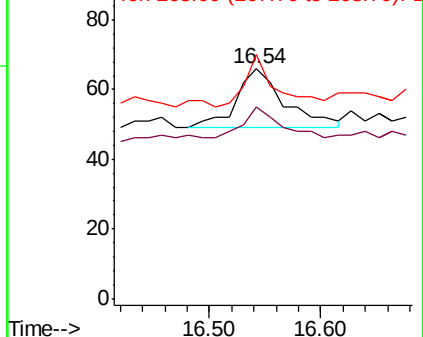
268 55.8 48.9 73.3

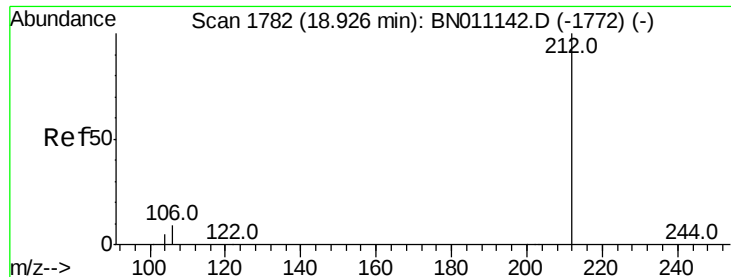


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

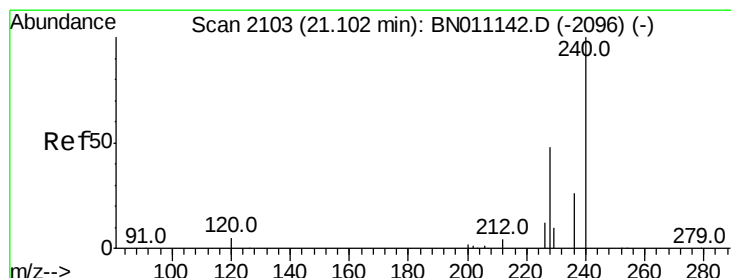
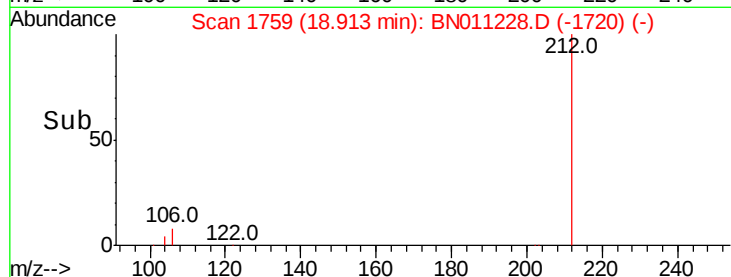
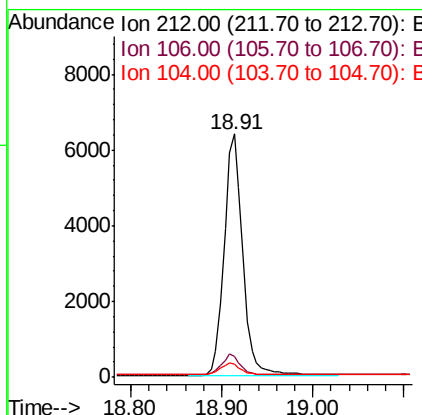
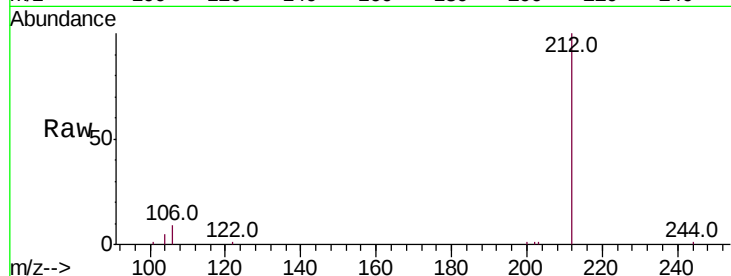




#27
 Fluoranthene-d10
 Concen: 0.341 ng
 RT: 18.91 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BN011228.D
 Acq: 22 Jul 2020 21:25

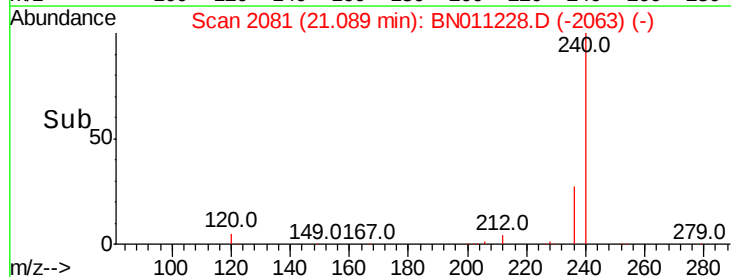
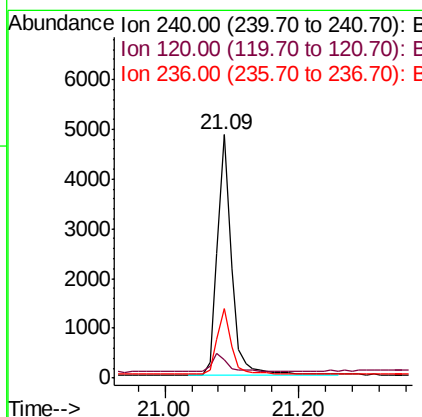
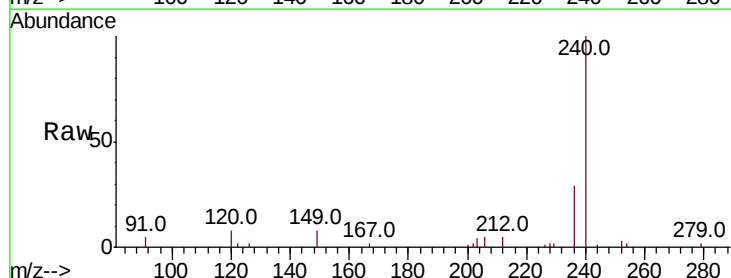
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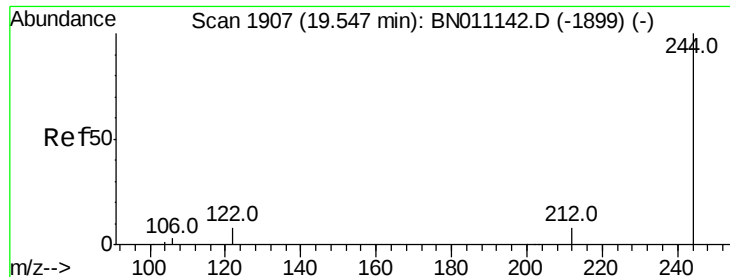
Tot Ion:212 Resp: 9045
 Ion Ratio Lower Upper
 212 100
 106 8.0 7.0 10.6
 104 5.0 4.2 6.4



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.09 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BN011228.D
 Acq: 22 Jul 2020 21:25

Tgt Ion:240 Resp: 7044
 Ion Ratio Lower Upper
 240 100
 120 7.6 6.5 9.7
 236 28.5 21.9 32.9





#31

Terphenyl-d14

Concen: 0.582 ng

RT: 19.53 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200720

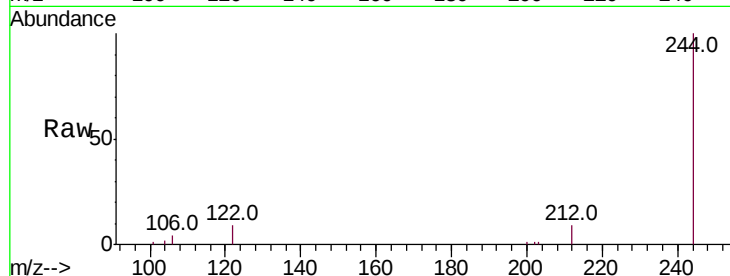
Tot Ion:244 Resp: 10674

Ion Ratio Lower Upper

244 100

212 9.3 7.8 11.6

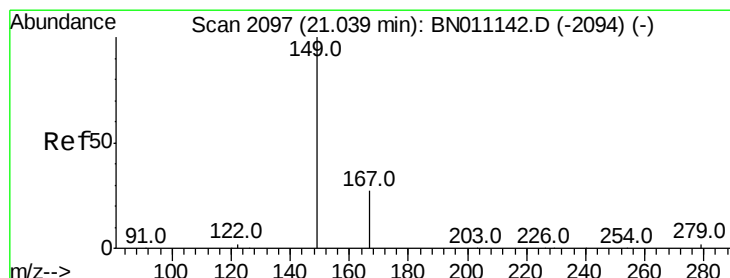
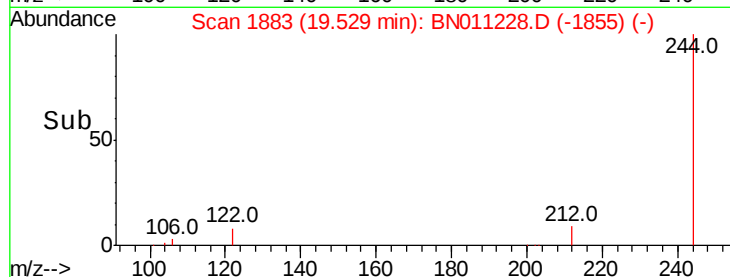
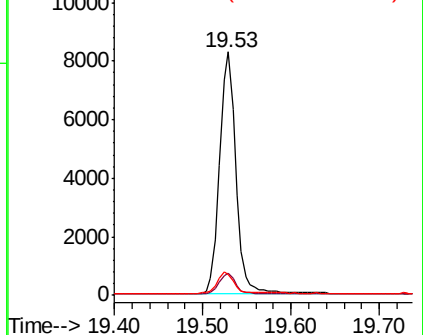
122 8.6 7.4 11.0



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.089 ng

RT: 21.02 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BN011228.D

Acq: 22 Jul 2020 21:25

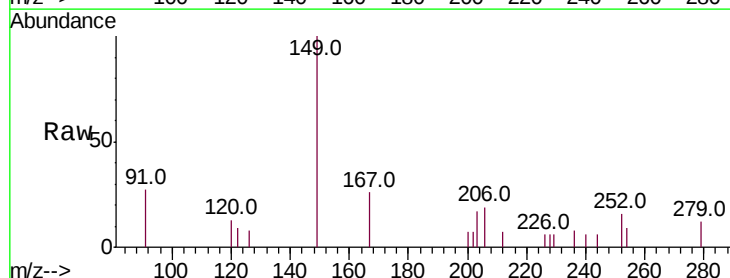
Tgt Ion:149 Resp: 833

Ion Ratio Lower Upper

149 100

167 26.8 23.4 35.0

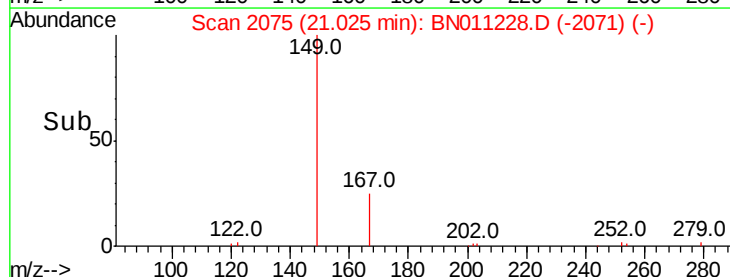
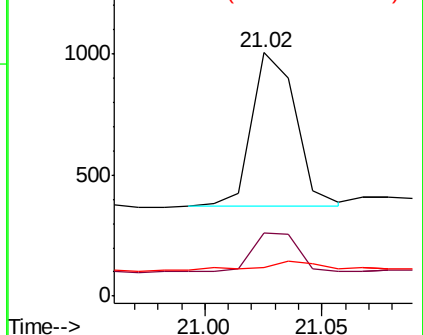
279 7.1 4.5 6.7#

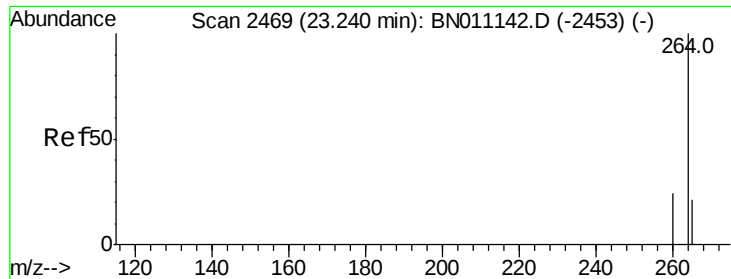


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#36
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BN011228.D
 Acq: 22 Jul 2020 21:25

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-200720

Tot Ion: 264 Resp: 6263
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.1 30.1
 265 78.0 76.6 115.0

