

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
 Data File : BN010248.D
 Acq On : 18 Mar 2020 04:00
 Operator : CG/JU
 Sample : L1903-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 18 04:33:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

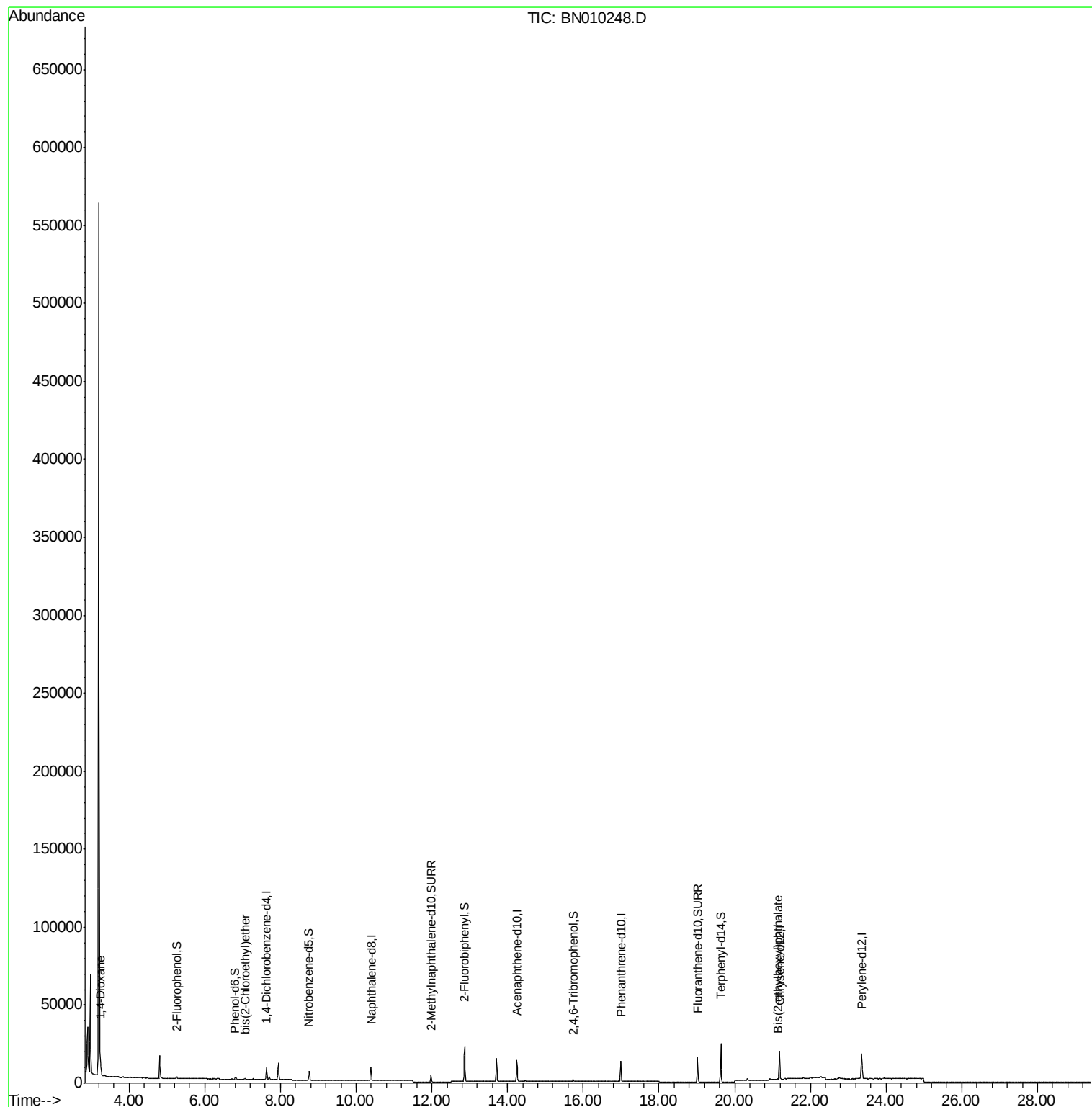
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3495	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	12246	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	7436	0.40	ng	-0.02
19) Phenanthrene-d10	16.99	188	17922	0.40	ng	0.00
27) Chrysene-d12	21.19	240	18299	0.40	ng	0.00
34) Perylene-d12	23.36	264	20992	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1165	0.14	ng	0.00
5) Phenol-d6	6.81	99	889	0.09	ng	0.00
8) Nitrobenzene-d5	8.76	82	4878	0.66	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	6666	0.33	ng	-0.01
14) 2,4,6-Tribromophenol	15.74	330	854	0.32	ng	-0.02
15) 2-Fluorobiphenyl	12.87	172	19856	0.75	ng	0.00
25) Fluoranthene-d10	19.02	212	18720	0.34	ng	-0.01
29) Terphenyl-d14	19.64	244	24341	0.58	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.26	88	2057	0.603	ng	# 55
6) bis(2-Chloroethyl)ether	7.07	93	229	0.027	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.13	149	767	0.029	ng	# 93

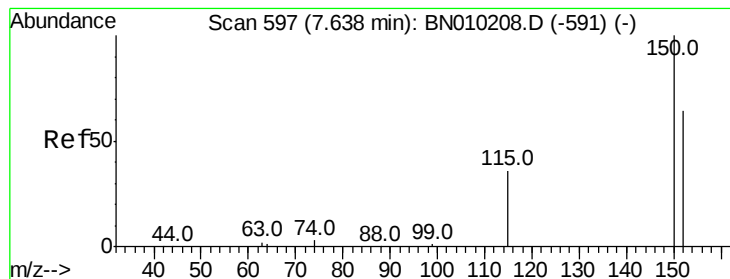
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 16 02:17:23 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.63 min Scan# 596

Delta R.T. -0.01 min

Lab File: BN010248.D

Acq: 18 Mar 2020 04:00

Instrument :

BNA_N

ClientSampleId :

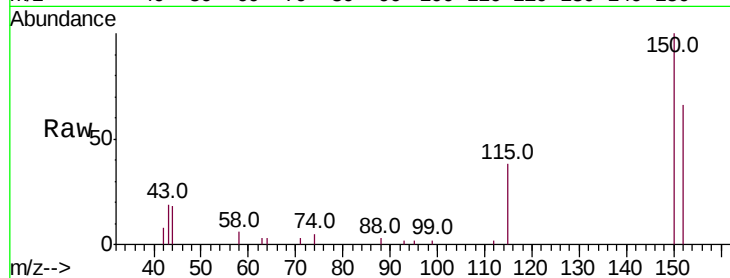
Tot Ion:152 Resp: 3495

Ion Ratio Lower Upper

152 100

150 150.4 119.5 179.3

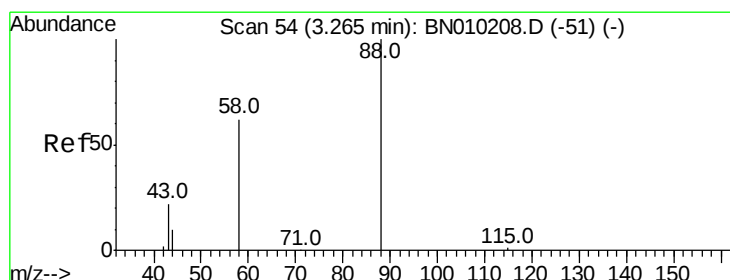
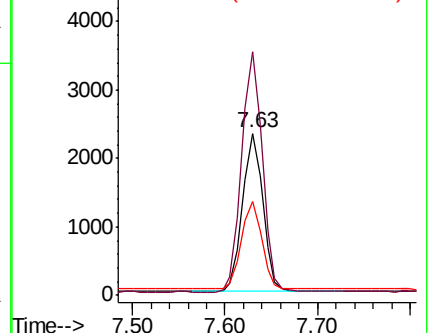
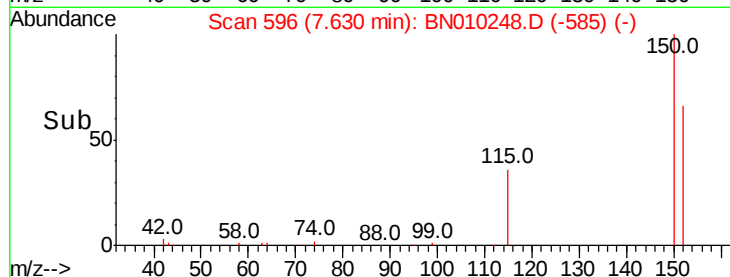
115 57.8 50.9 76.3



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: 0.603 ng

RT: 3.26 min Scan# 53

Delta R.T. -0.01 min

Lab File: BN010248.D

Acq: 18 Mar 2020 04:00

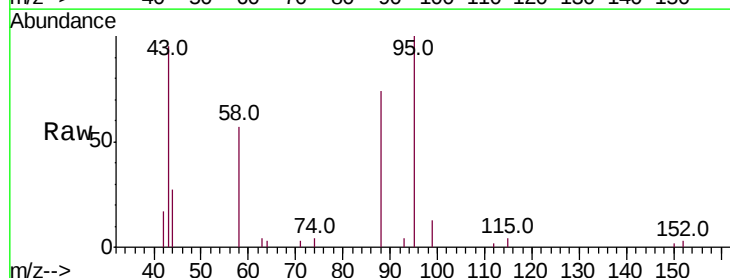
Tgt Ion: 88 Resp: 2057

Ion Ratio Lower Upper

88 100

58 63.5 97.8 146.8#

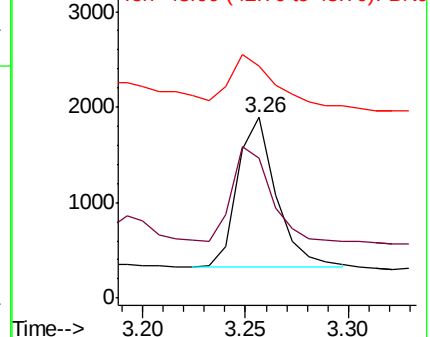
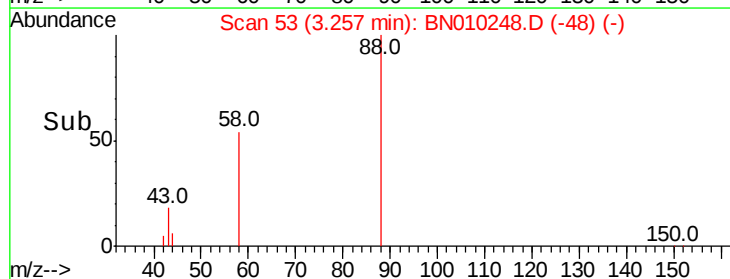
43 35.9 45.1 67.7#

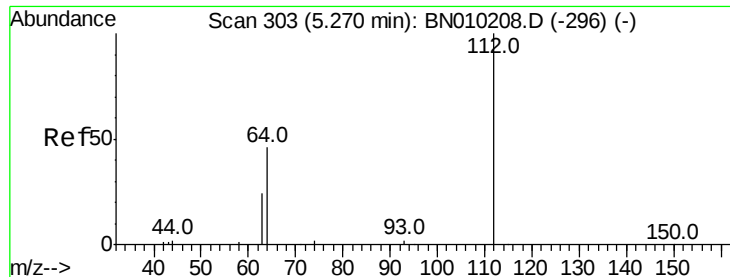


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.142 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010248.D

Acq: 18 Mar 2020 04:00

Instrument :

BNA_N

ClientSampled :

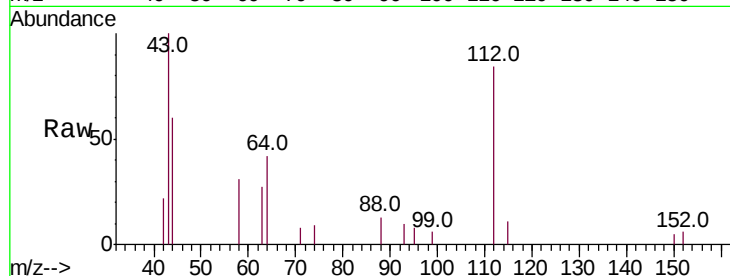
Tot Ion:112 Resp: 1165

Ion Ratio Lower Upper

112 100

64 52.5 42.6 63.8

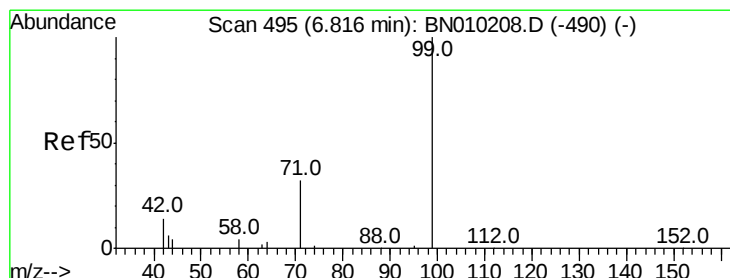
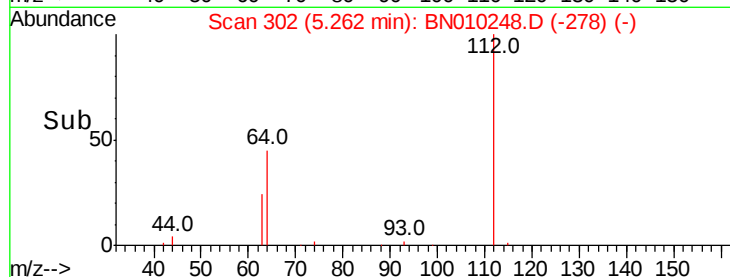
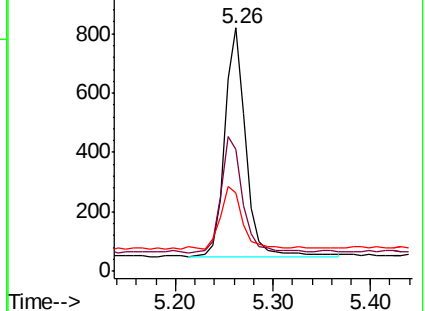
63 28.9 23.6 35.4



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: 0.087 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010248.D

Acq: 18 Mar 2020 04:00

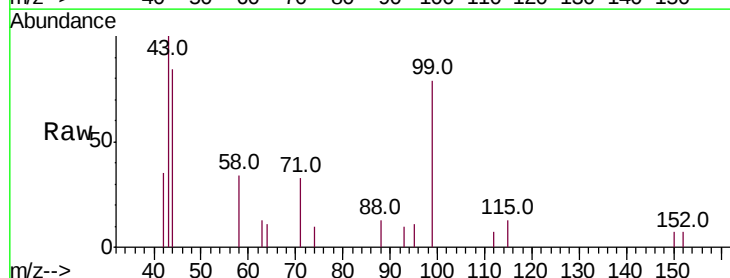
Tgt Ion: 99 Resp: 889

Ion Ratio Lower Upper

99 100

42 34.1 12.0 18.0#

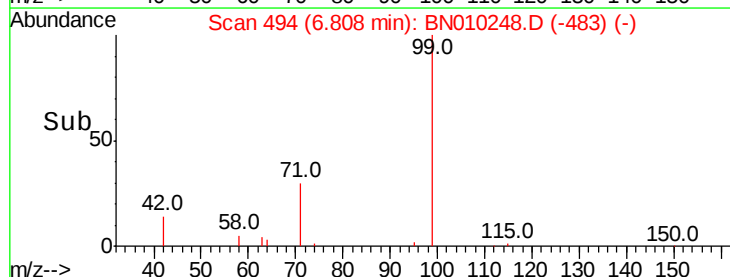
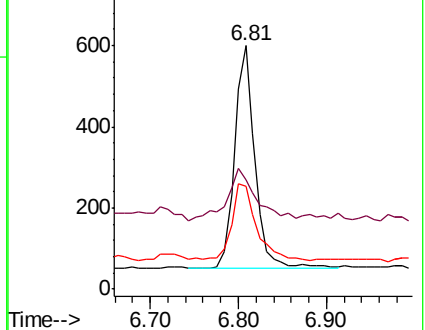
71 41.5 22.6 33.8#

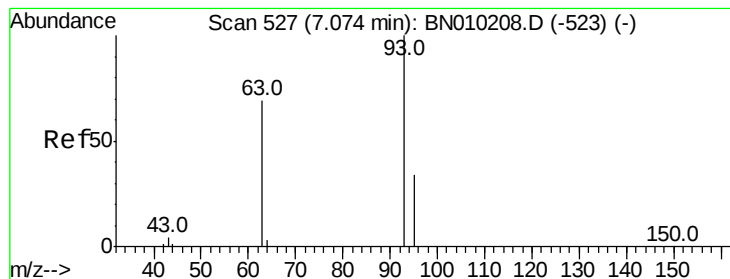


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.027 ng

RT: 7.07 min Scan# 526

Delta R.T. -0.01 min

Lab File: BN010248.D

Acq: 18 Mar 2020 04:00

Instrument :

BNA_N

ClientSampleId :

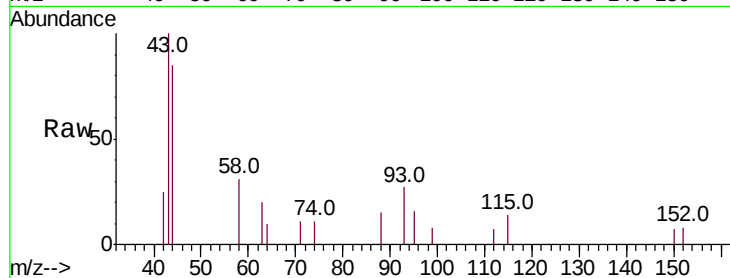
Tot Ion: 93 Resp: 229

Ion Ratio Lower Upper

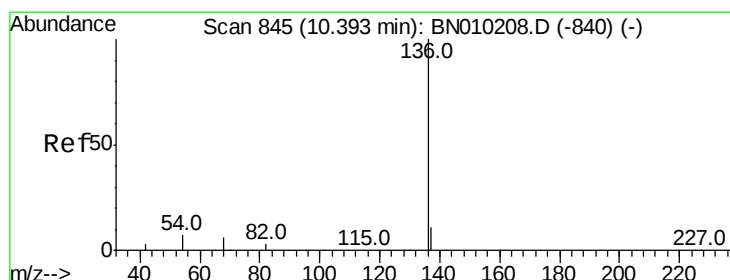
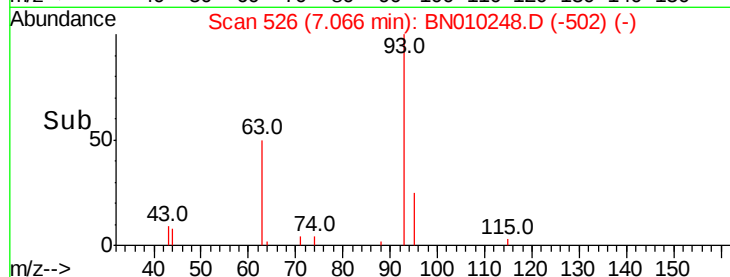
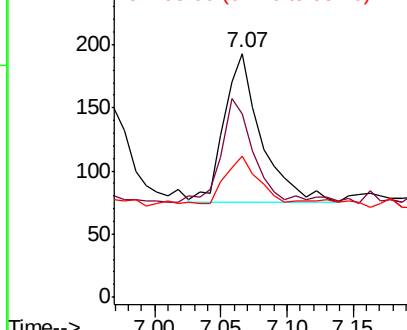
93 100

63 59.8 53.4 80.0

95 27.9 28.6 42.8#



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 845

Delta R.T. 0.00 min

Lab File: BN010248.D

Acq: 18 Mar 2020 04:00

Tgt Ion: 136 Resp: 12246

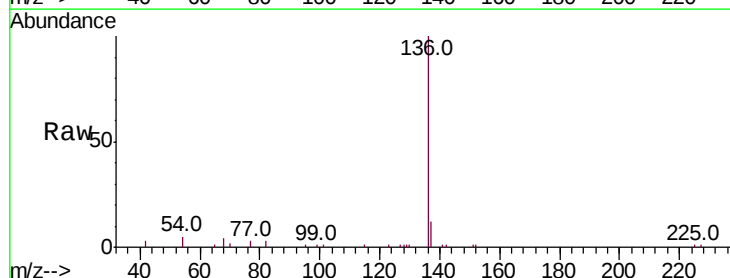
Ion Ratio Lower Upper

136 100

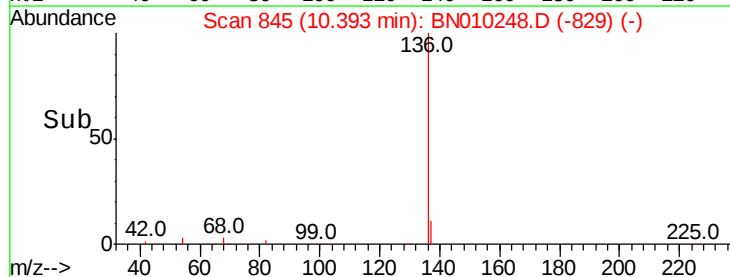
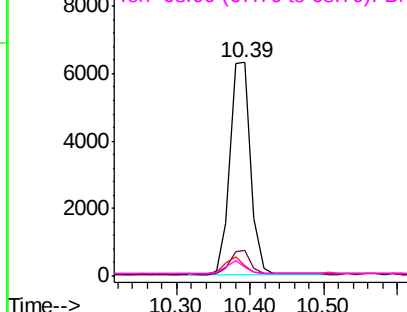
137 11.9 10.6 15.8

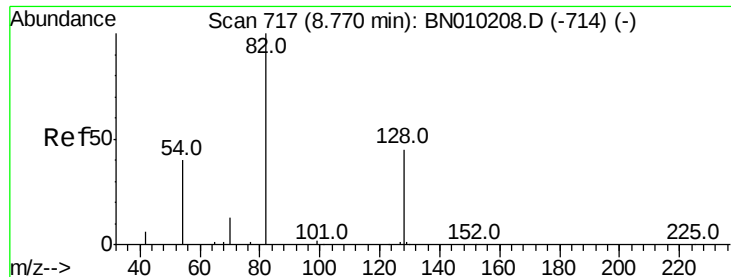
54 4.6 9.5 14.3#

68 4.2 9.7 14.5#



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): BN0
Ion 68.00 (67.70 to 68.70): BN0





#8

Nitrobenzene-d5

Concen: 0.664 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010248.D

Acq: 18 Mar 2020 04:00

Instrument :

BNA_N

ClientSampleId :

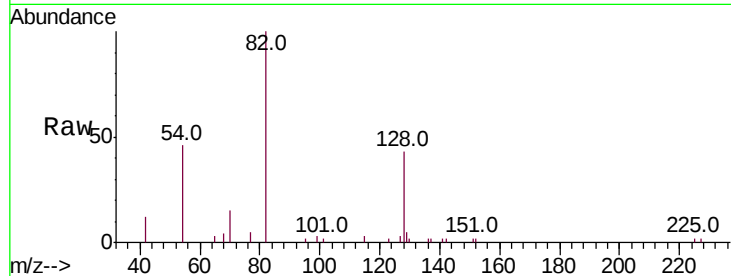
Tot Ion: 82 Resp: 4878

Ion Ratio Lower Upper

82 100

128 42.8 35.0 52.6

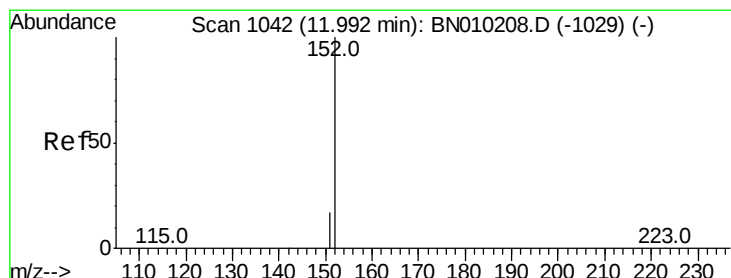
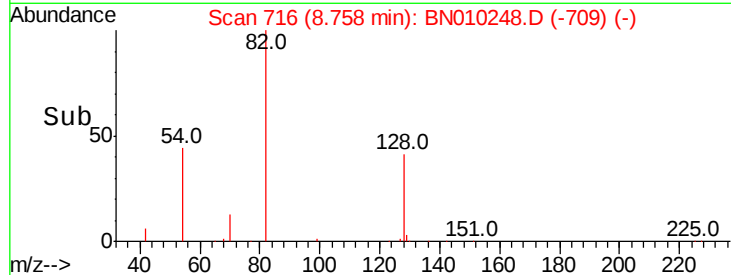
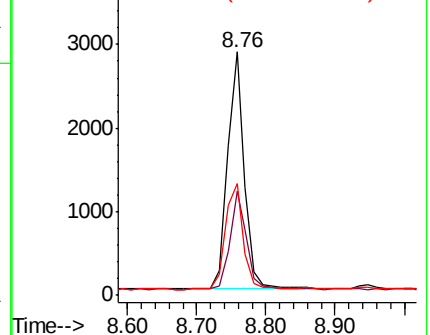
54 45.9 37.0 55.4



Abundance Ion 82.00 (81.70 to 82.70): BN010248.D (-714) (-)

Ion 128.00 (127.70 to 128.70): BN010248.D (-714) (-)

Ion 54.00 (53.70 to 54.70): BN010248.D (-714) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.330 ng

RT: 11.98 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BN010248.D

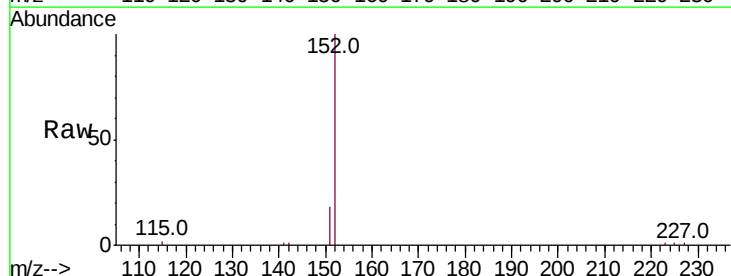
Acq: 18 Mar 2020 04:00

Tgt Ion: 152 Resp: 6666

Ion Ratio Lower Upper

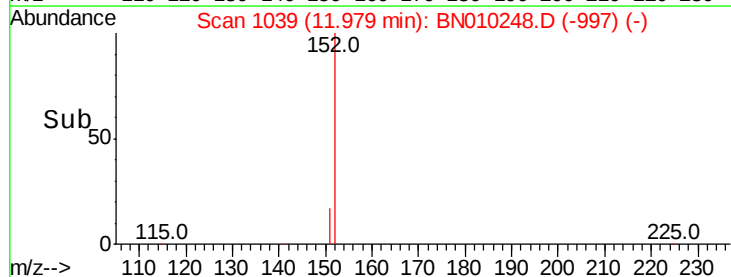
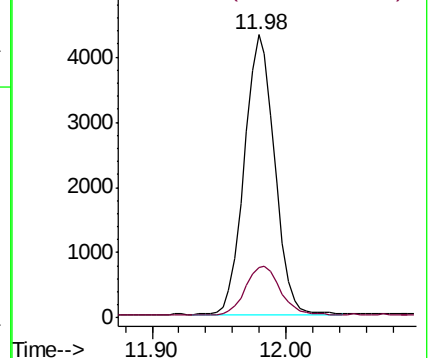
152 100

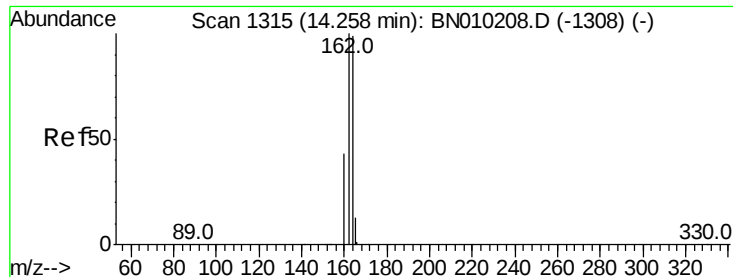
151 19.6 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): BN010248.D (-997) (-)

Ion 151.00 (150.70 to 151.70): BN010248.D (-997) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BN010248.D

Acq: 18 Mar 2020 04:00

Instrument :

BNA_N

ClientSampleId :

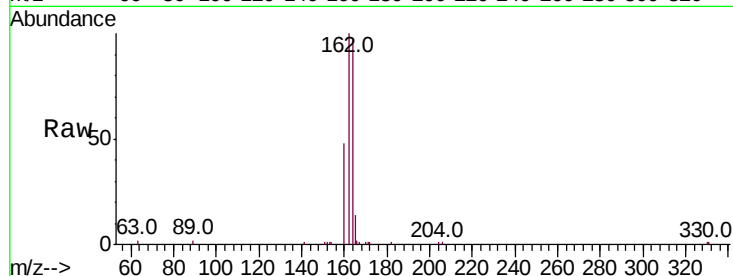
Tot Ion:164 Resp: 7436

Ion Ratio Lower Upper

164 100

162 102.7 81.0 121.4

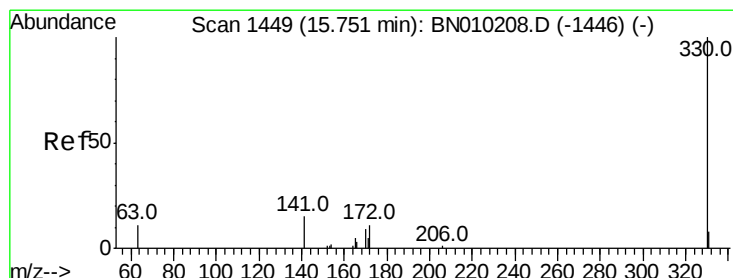
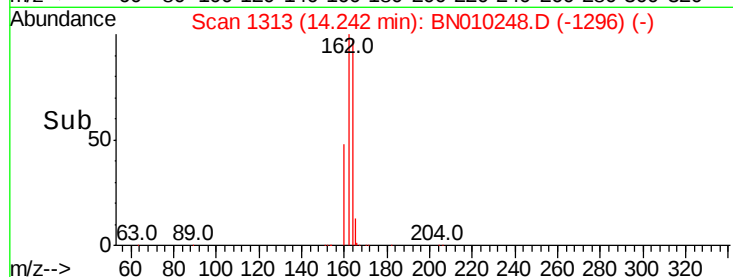
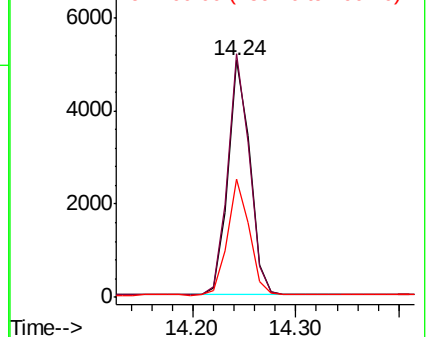
160 49.6 35.6 53.4



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: 0.321 ng

RT: 15.74 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BN010248.D

Acq: 18 Mar 2020 04:00

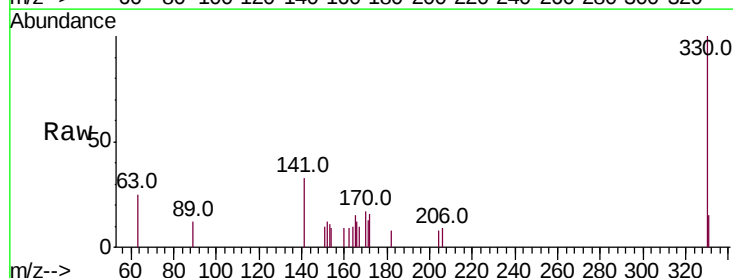
Tgt Ion:330 Resp: 854

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

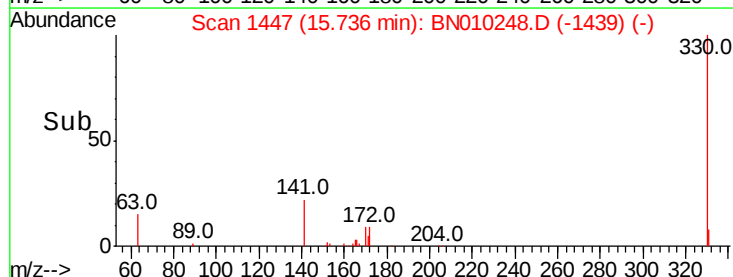
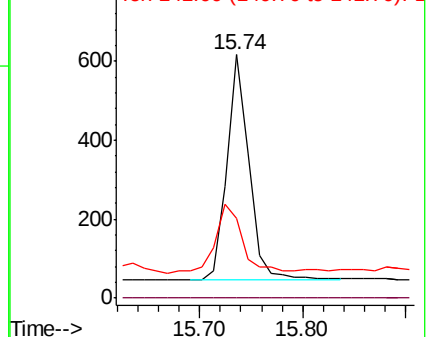
141 38.4 25.1 37.7#

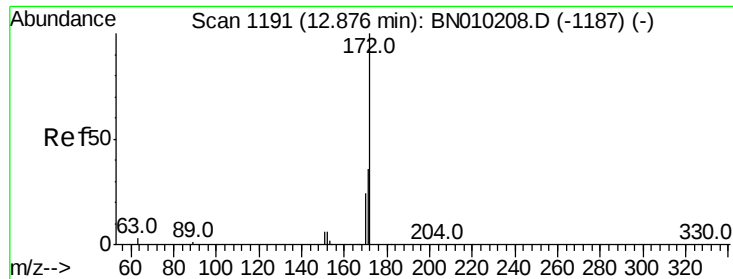


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

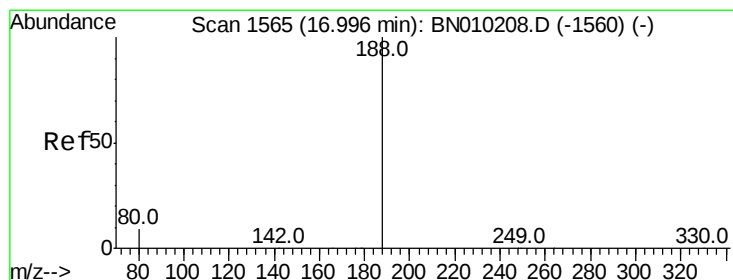
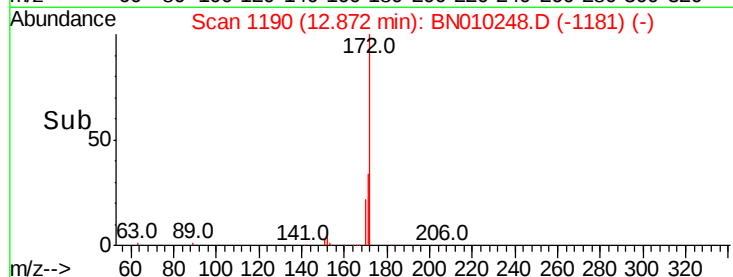
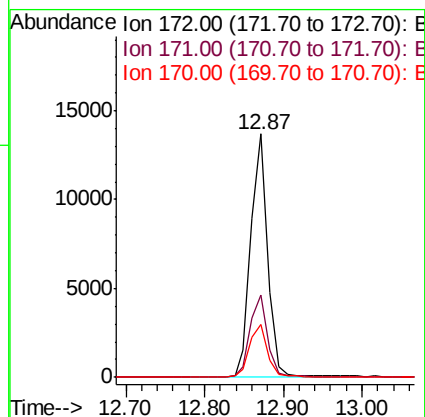
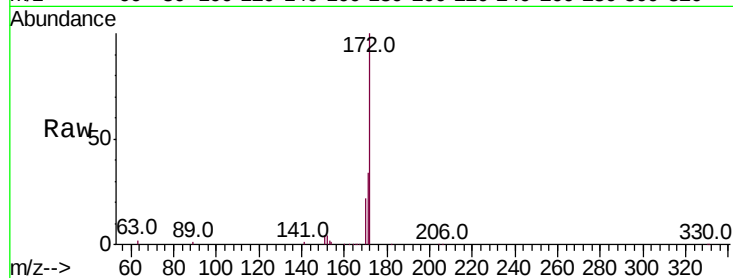




#15
2-Fluorobiphenyl
Concen: 0.750 ng
RT: 12.87 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010248.D
Acq: 18 Mar 2020 04:00

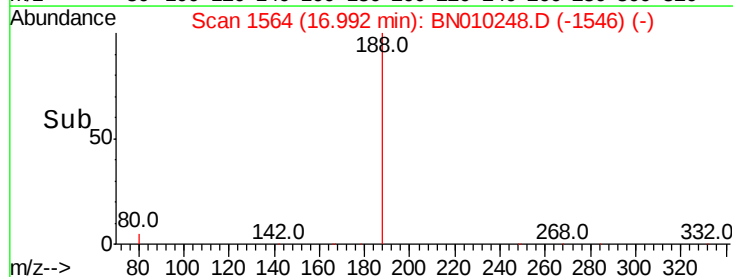
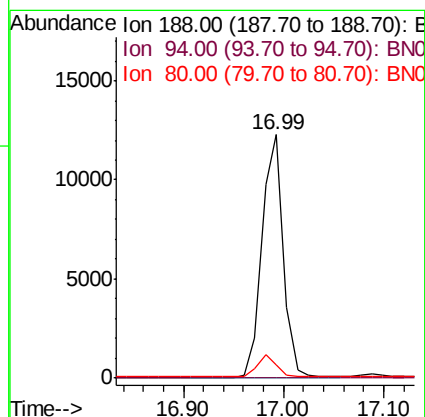
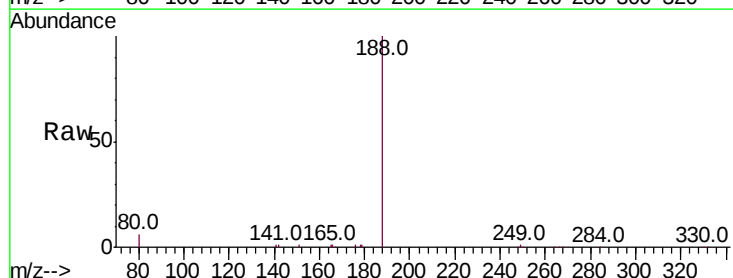
Instrument :
BNA_N
ClientSampleId :

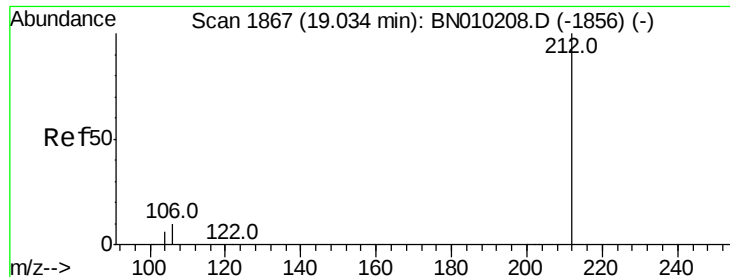
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.4	44.2
170	21.8	20.2	30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN010248.D
Acq: 18 Mar 2020 04:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.7	8.6	12.8#





#25

Fluoranthene-d10

Concen: 0.338 ng

RT: 19.02 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN010248.D

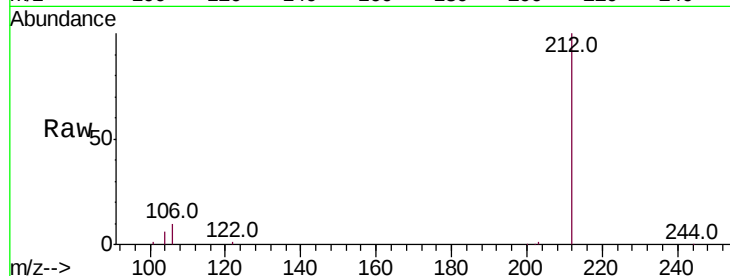
Acq: 18 Mar 2020 04:00

Instrument :

BNA_N

ClientSampleId :

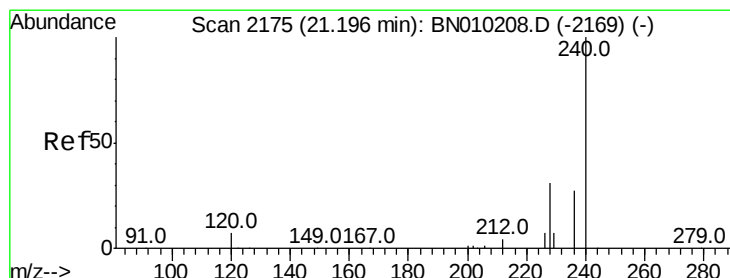
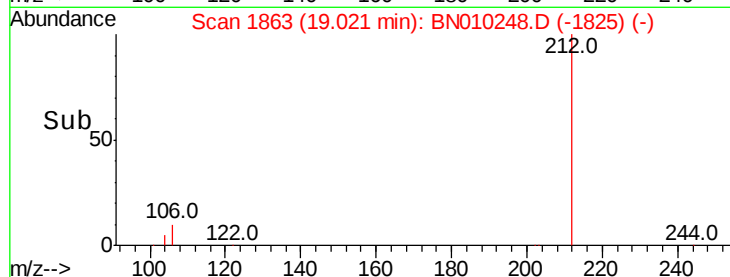
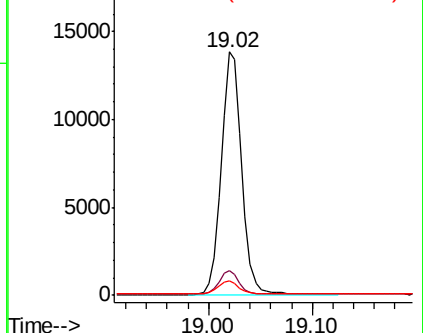
Tot Ion:212	Resp:	18720
Ion Ratio	Lower	Upper
212	100	
106	9.5	8.1 12.1
104	5.4	4.7 7.1



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

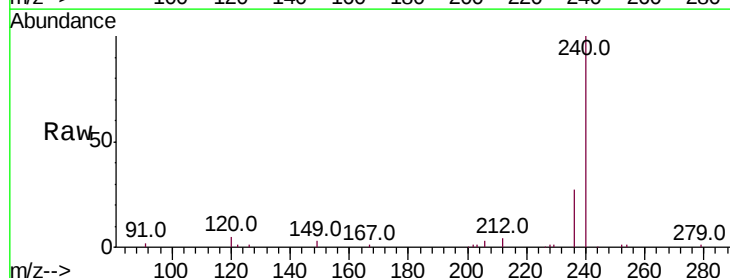
RT: 21.19 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BN010248.D

Acq: 18 Mar 2020 04:00

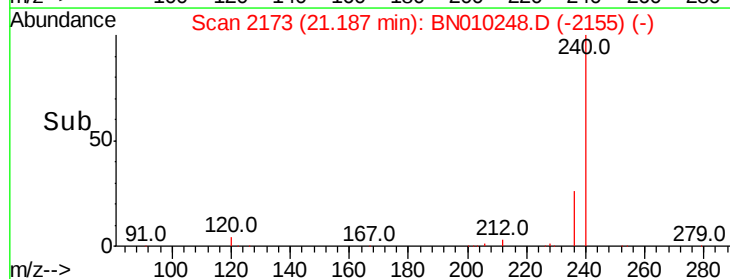
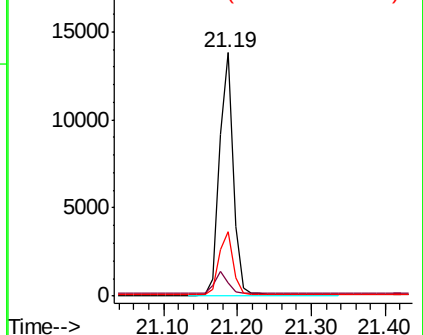
Tgt Ion:240	Resp:	18299
Ion Ratio	Lower	Upper
240	100	
120	5.2	7.7 11.5#
236	26.5	21.8 32.6

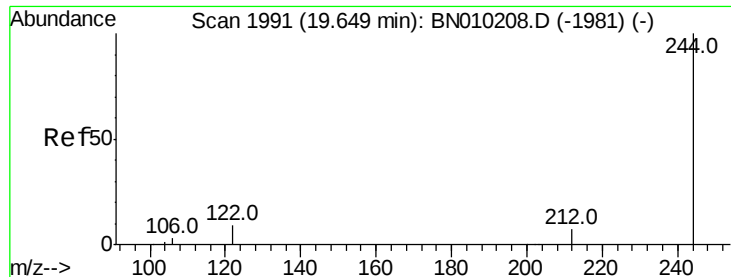


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.583 ng

RT: 19.64 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BN010248.D

Acq: 18 Mar 2020 04:00

Instrument :

BNA_N

ClientSampled :

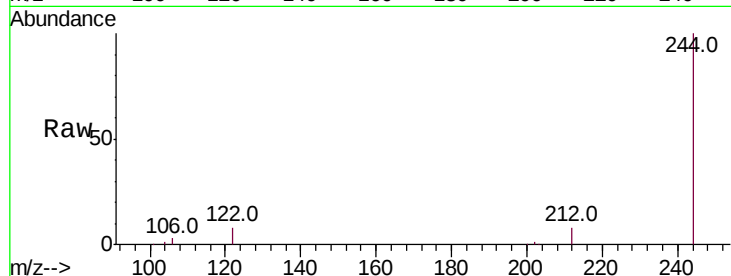
Tot Ion:244 Resp: 24341

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

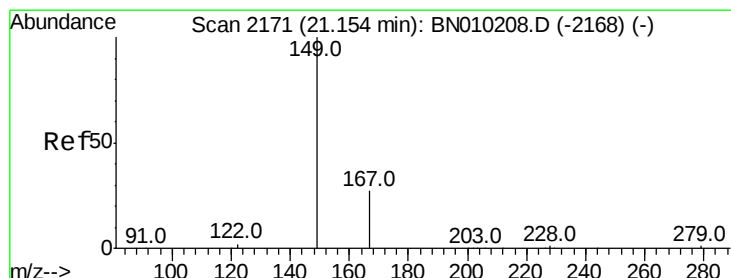
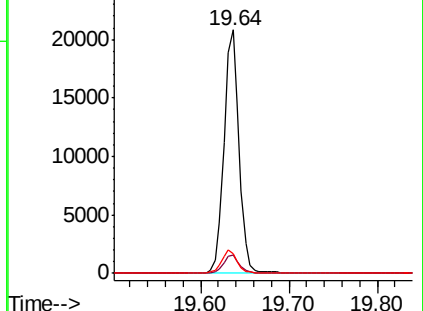
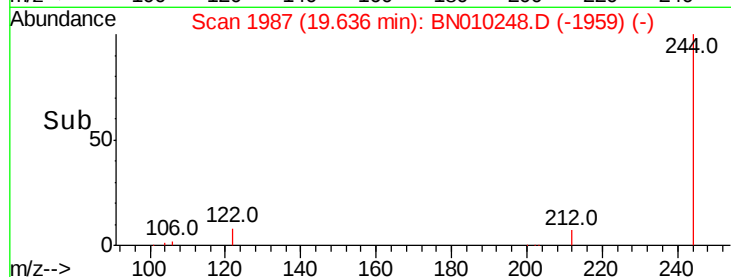
122 8.2 8.1 12.1



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: 0.029 ng

RT: 21.13 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BN010248.D

Acq: 18 Mar 2020 04:00

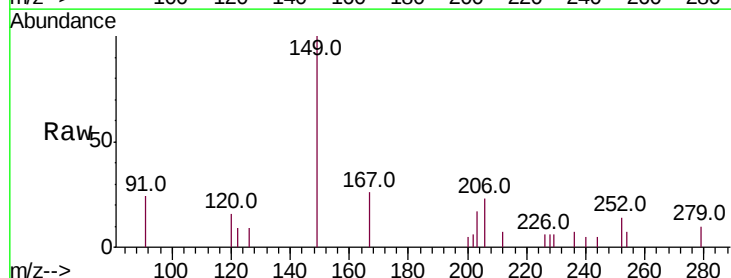
Tgt Ion:149 Resp: 767

Ion Ratio Lower Upper

149 100

167 22.7 21.0 31.4

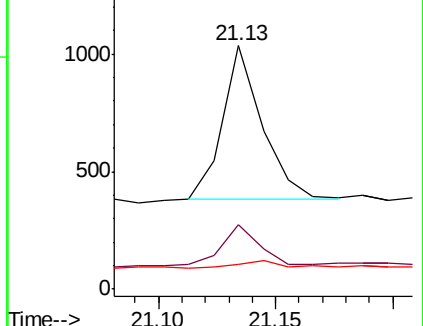
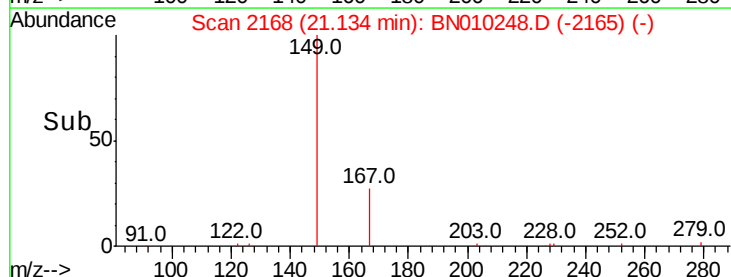
279 5.3 3.1 4.7#

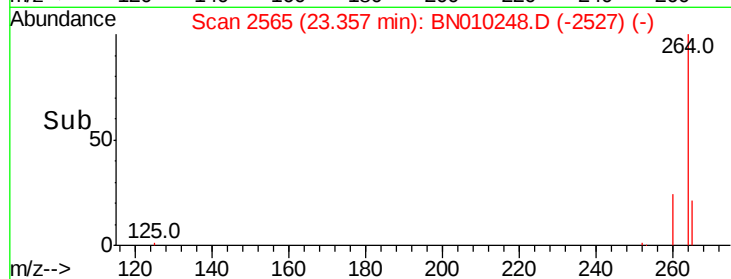
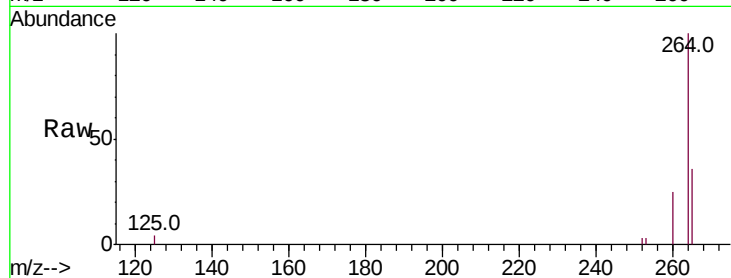
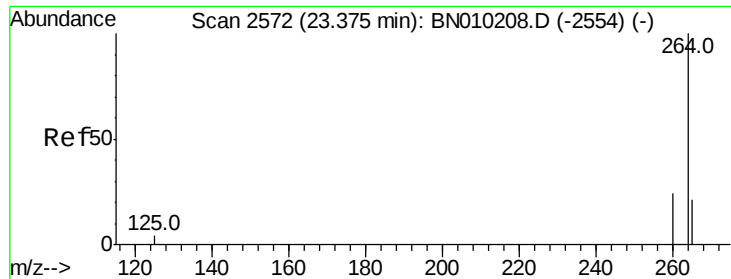


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.36 min Scan# 2565

Delta R.T. -0.02 min

Lab File: BN010248.D

Acq: 18 Mar 2020 04:00

Instrument :

BNA_N

ClientSampleId :

Tot Ion:264 Resp: 20992

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 36.1 25.8 38.6

