

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
 Data File : BN010333.D
 Acq On : 24 Mar 2020 19:16
 Operator : CG/JU
 Sample : L1997-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D1-20200316

Quant Time: Mar 25 01:50:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:26:45 2020
 Response via : Initial Calibration

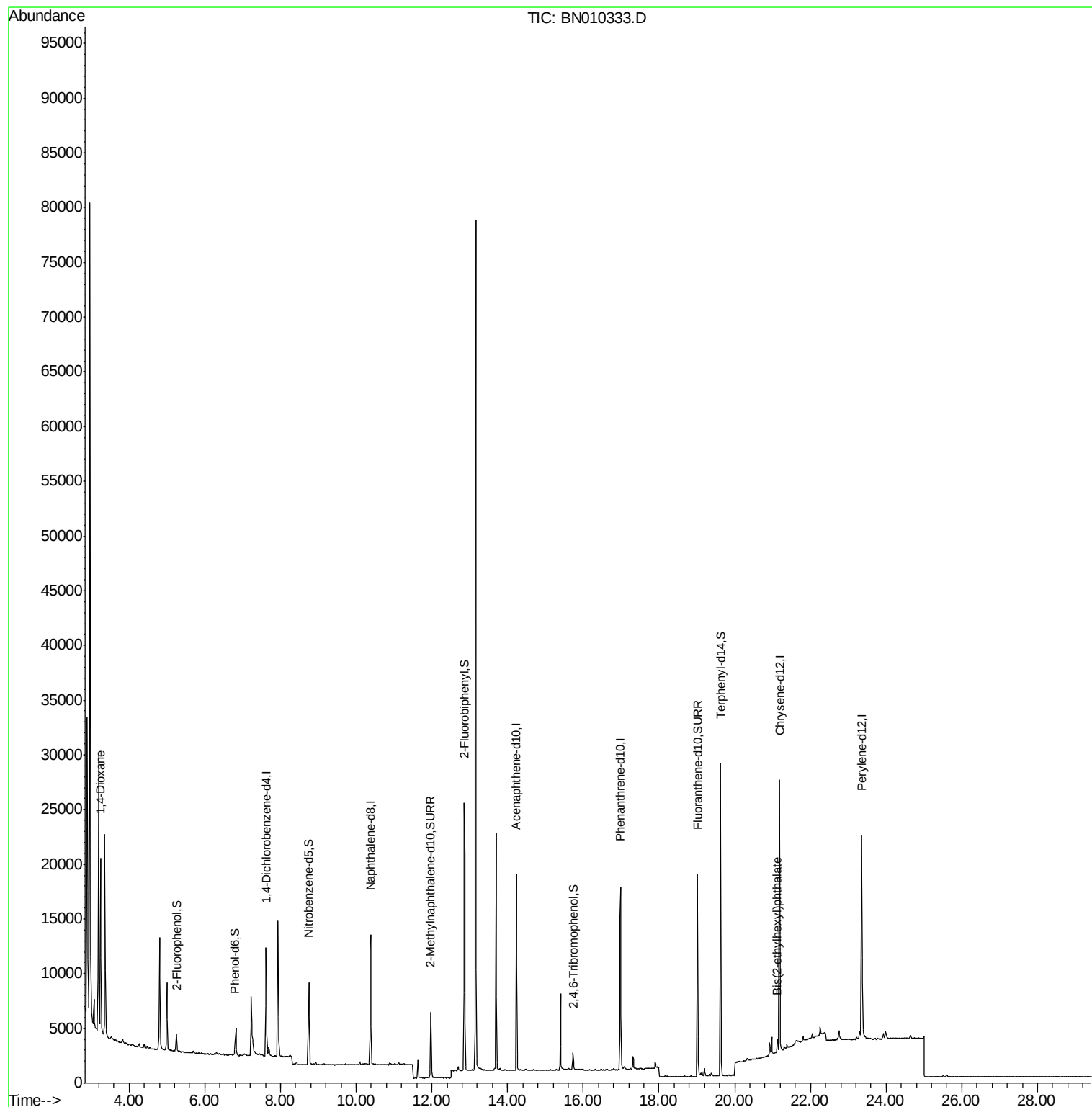
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4831	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	16750	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	9860	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	23293	0.40	ng	0.00
27) Chrysene-d12	21.19	240	24049	0.40	ng	0.00
34) Perylene-d12	23.35	264	24445	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1354	0.14	ng	0.00
5) Phenol-d6	6.80	99	1014	0.09	ng	0.00
8) Nitrobenzene-d5	8.74	82	5920	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	7864	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1217	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	22151	0.59	ng	-0.01
25) Fluoranthene-d10	19.02	212	21360	0.30	ng	0.00
29) Terphenyl-d14	19.63	244	27775	0.53	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.25	88	11035	2.432	ng	98
32) Bis(2-ethylhexyl)phthalate	21.12	149	1232	0.048	ng	99

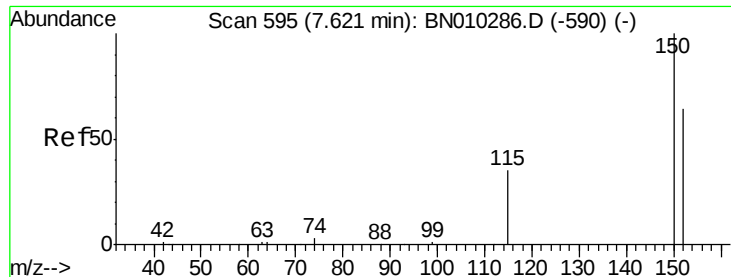
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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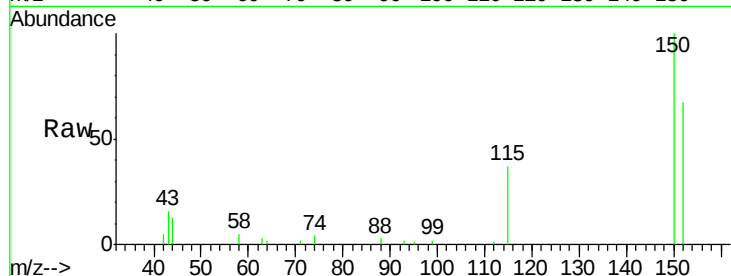


#1

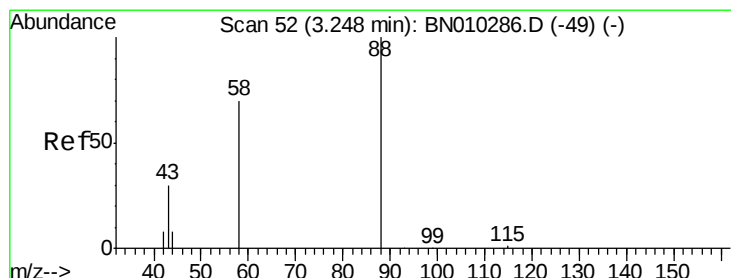
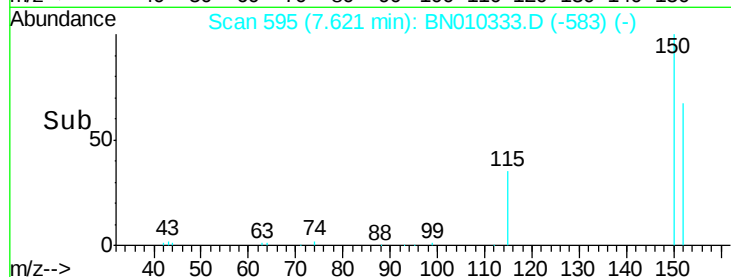
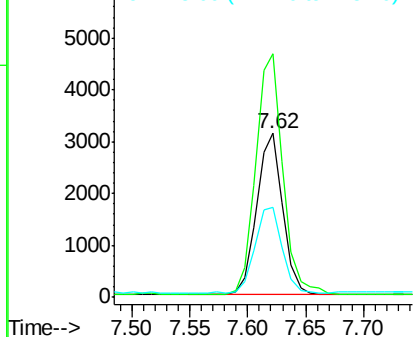
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010333.D
Acq: 24 Mar 2020 19:16

Instrument :
BNA_N
ClientSampleId :
RE109D1-20200316

Tot Ion:152 Resp: 4831
Ion Ratio Lower Upper
152 100
150 148.6 123.1 184.7
115 54.6 45.2 67.8



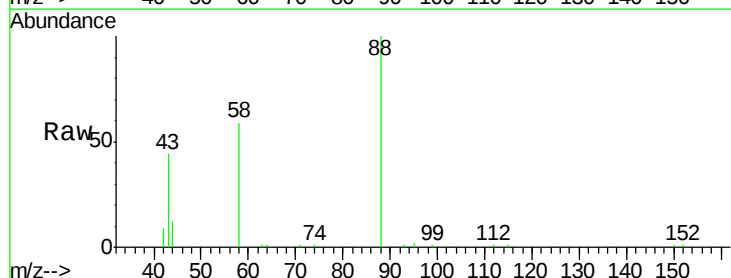
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



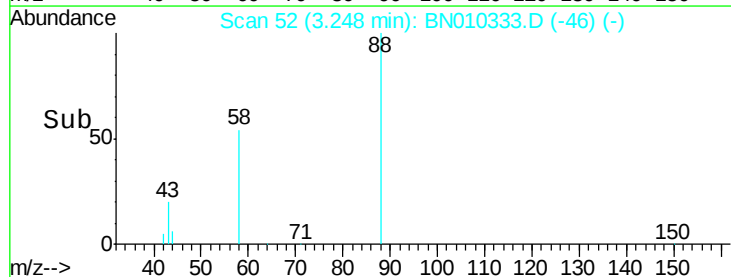
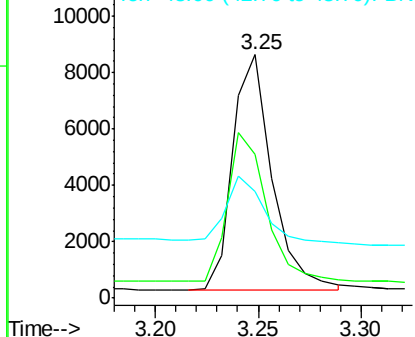
#2

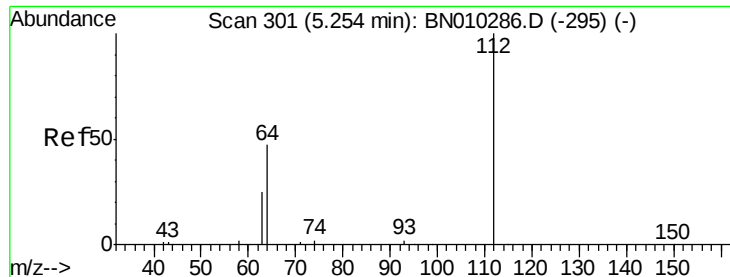
1,4-Dioxane
Concen: 2.432 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010333.D
Acq: 24 Mar 2020 19:16

Tgt Ion: 88 Resp: 11035
Ion Ratio Lower Upper
88 100
58 62.4 51.7 77.5
43 26.9 21.2 31.8



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0





#4

2-Fluorophenol

Concen: 0.142 ng

RT: 5.25 min Scan# 301

Delta R.T. 0.00 min

Lab File: BN010333.D

Acq: 24 Mar 2020 19:16

Instrument :

BNA_N

ClientSampleId :

RE109D1-20200316

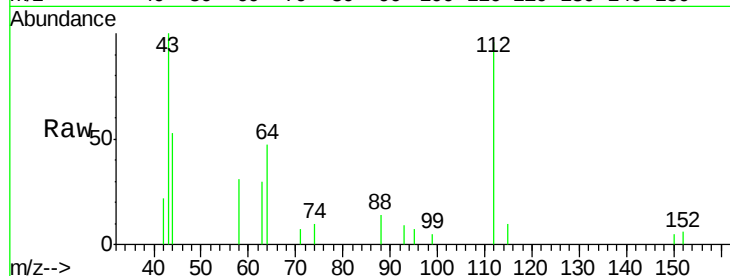
Tot Ion:112 Resp: 1354

Ion Ratio Lower Upper

112 100

64 51.2 41.4 62.2

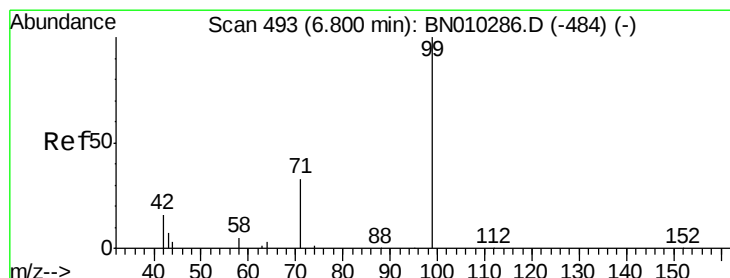
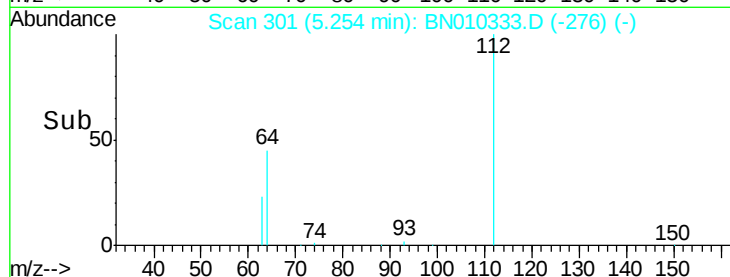
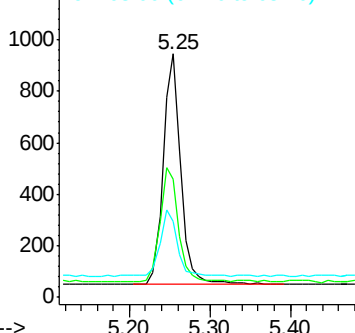
63 26.8 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.085 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010333.D

Acq: 24 Mar 2020 19:16

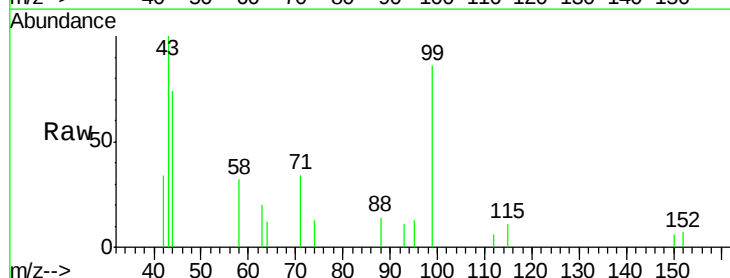
Tgt Ion: 99 Resp: 1014

Ion Ratio Lower Upper

99 100

42 33.2 14.8 22.2#

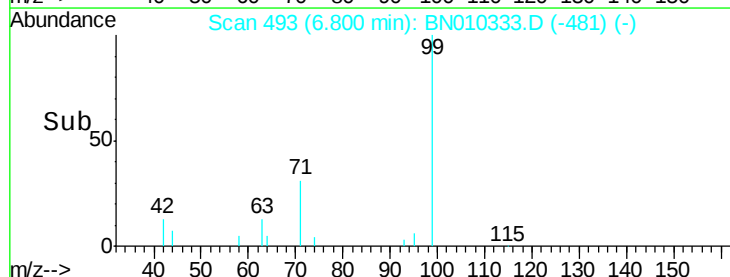
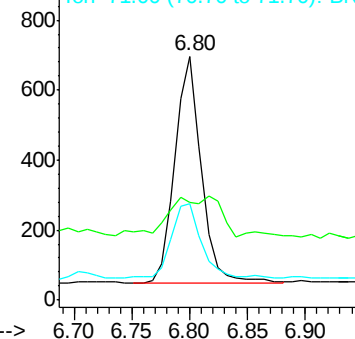
71 37.9 27.3 40.9

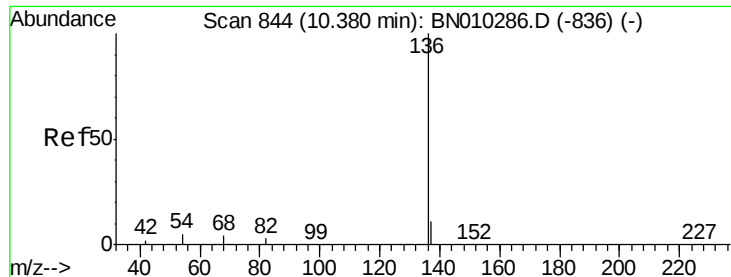


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010333.D

Acq: 24 Mar 2020 19:16

Instrument :

BNA_N

ClientSampleId :

RE109D1-20200316

Tot Ion:136 Resp: 16750

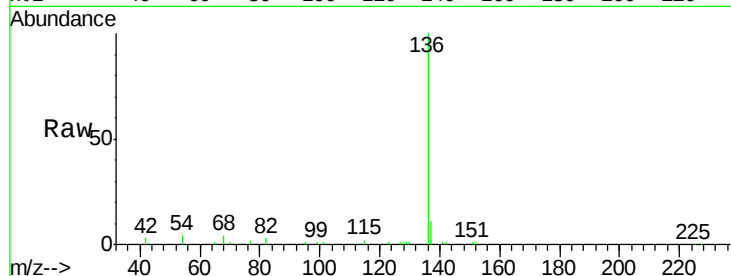
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 4.5 4.8 7.2#

68 4.3 4.1 6.1

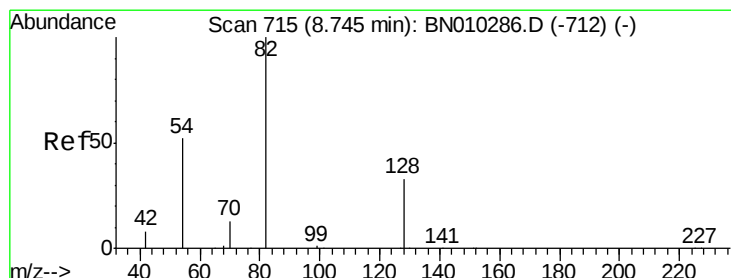
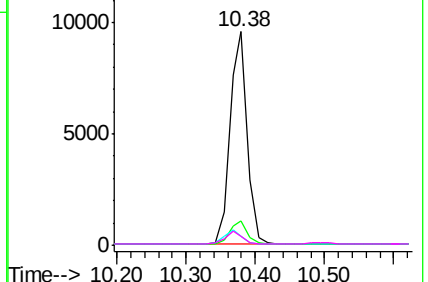
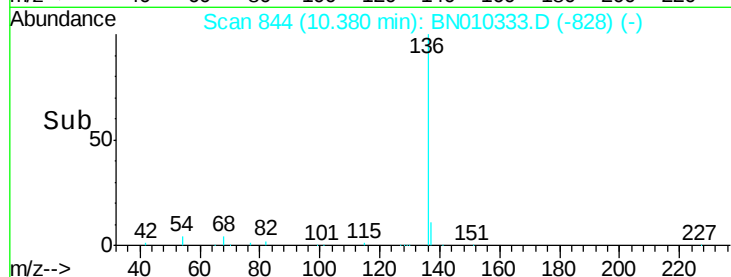


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.552 ng

RT: 8.74 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010333.D

Acq: 24 Mar 2020 19:16

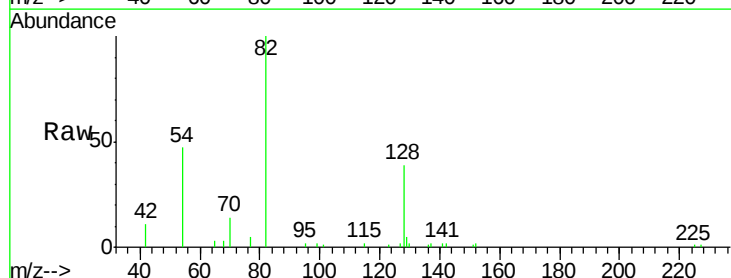
Tgt Ion: 82 Resp: 5920

Ion Ratio Lower Upper

82 100

128 39.2 28.8 43.2

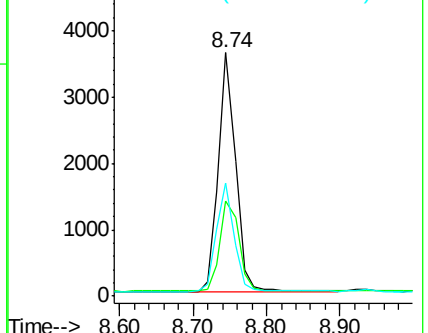
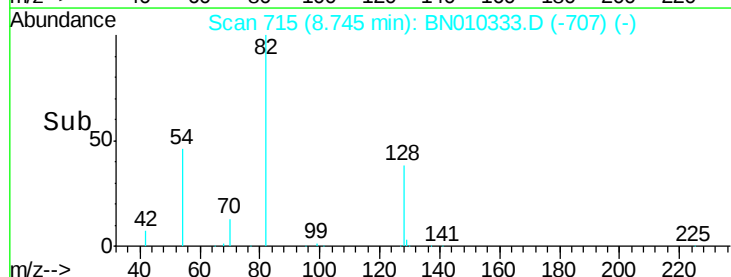
54 46.6 42.1 63.1

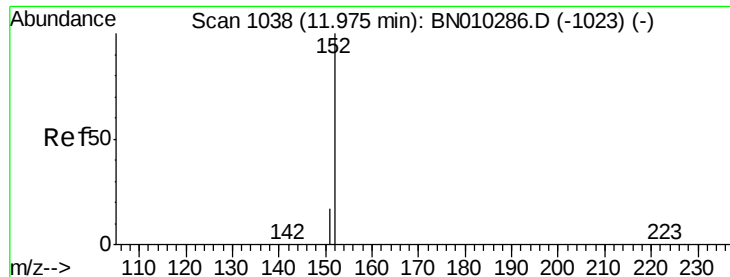


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

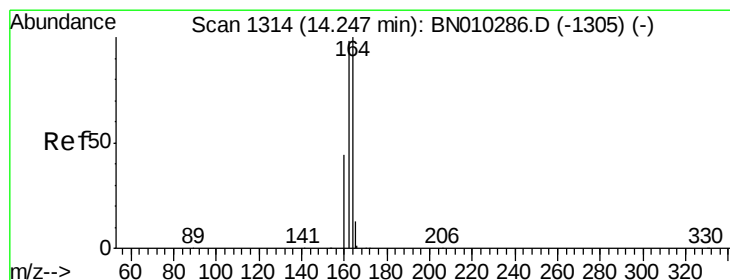
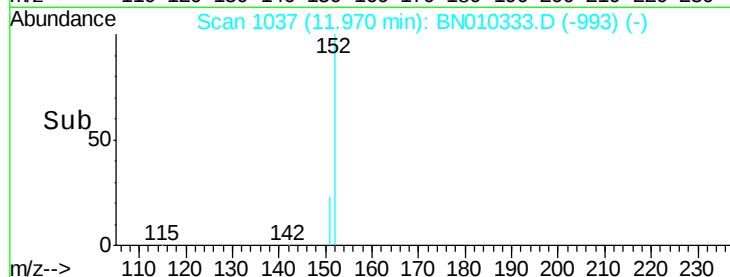
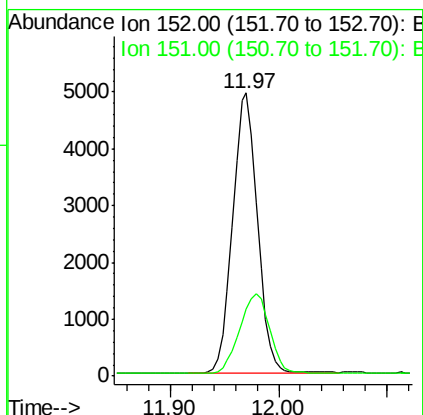
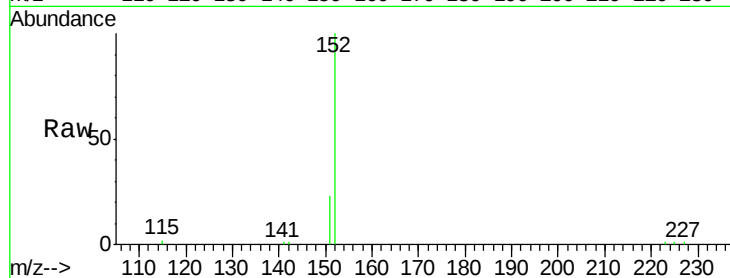




#11
2-Methylnaphthalene-d10
Concen: 0.294 ng
RT: 11.97 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN010333.D
Acq: 24 Mar 2020 19:16

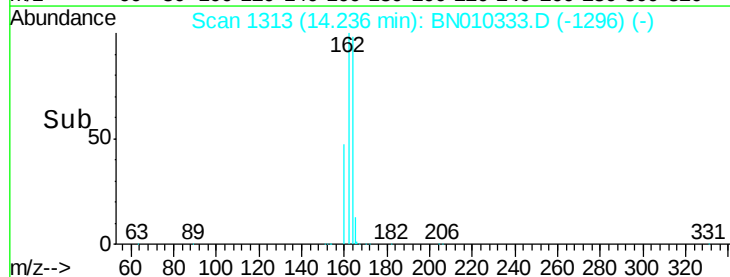
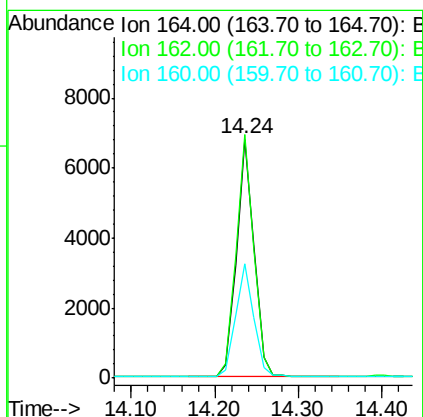
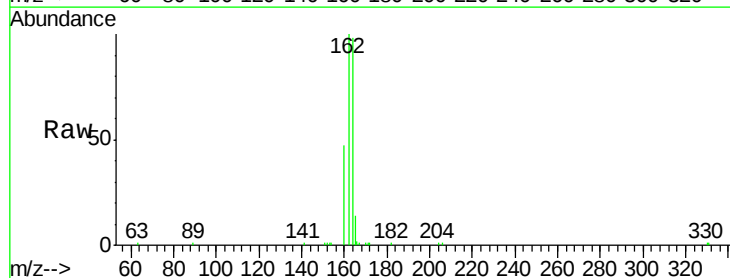
Instrument :
BNA_N
ClientSampleId :
RE109D1-20200316

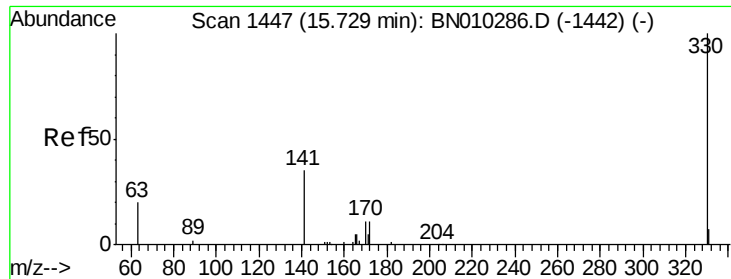
Tot Ion:152 Resp: 7864
Ion Ratio Lower Upper
152 100
151 34.1 15.4 23.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010333.D
Acq: 24 Mar 2020 19:16

Tgt Ion:164 Resp: 9860
Ion Ratio Lower Upper
164 100
162 102.0 78.2 117.2
160 47.9 35.8 53.6

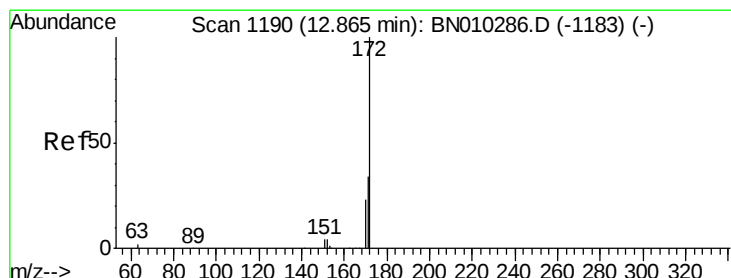
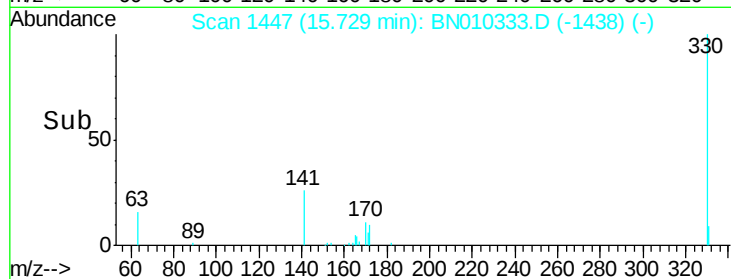
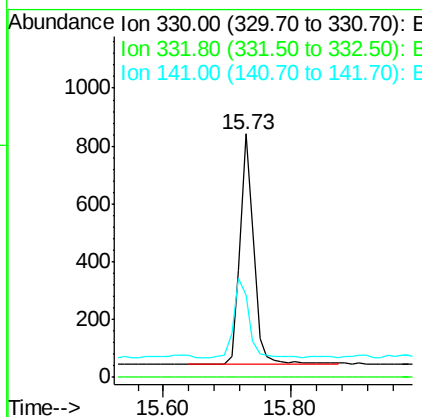
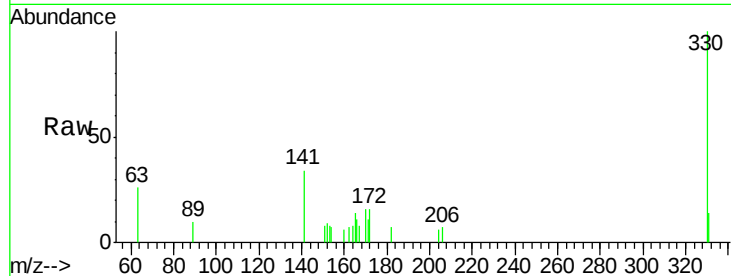




#14
 2,4,6-Tribromophenol
 Concen: 0.321 ng
 RT: 15.73 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BN010333.D
 Acq: 24 Mar 2020 19:16

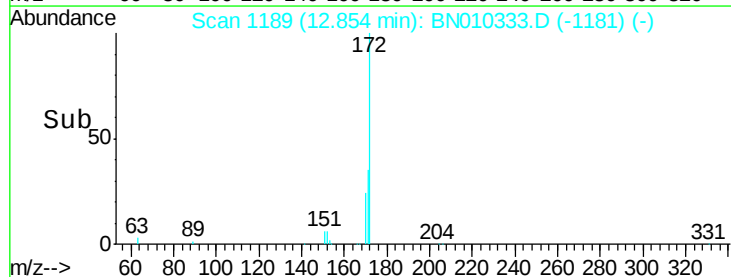
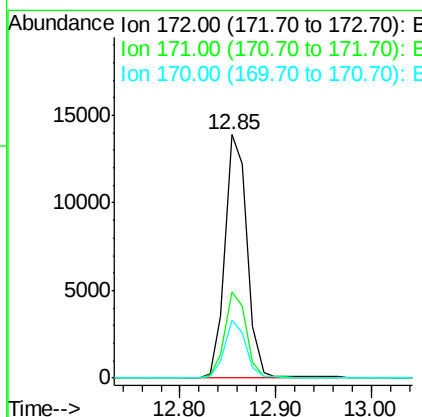
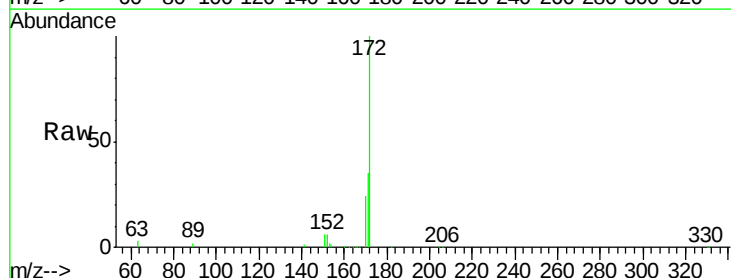
Instrument :
 BNA_N
 ClientSampleId :
 RE109D1-20200316

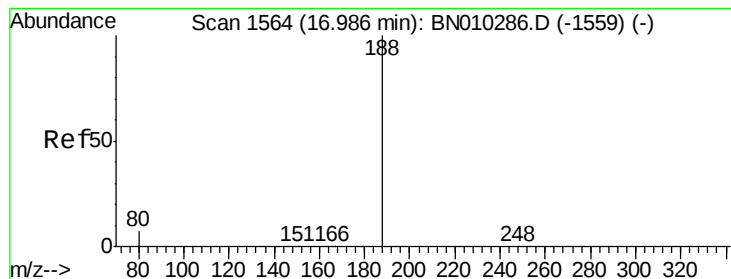
Tot Ion:330 Resp: 1217
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 38.4 29.3 43.9



#15
 2-Fluorobiphenyl
 Concen: 0.587 ng
 RT: 12.85 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BN010333.D
 Acq: 24 Mar 2020 19:16

Tgt Ion:172 Resp: 22151
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.6 41.4
 170 24.0 18.5 27.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.99 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BN010333.D

Acq: 24 Mar 2020 19:16

Instrument :

BNA_N

ClientSampleId :

RE109D1-20200316

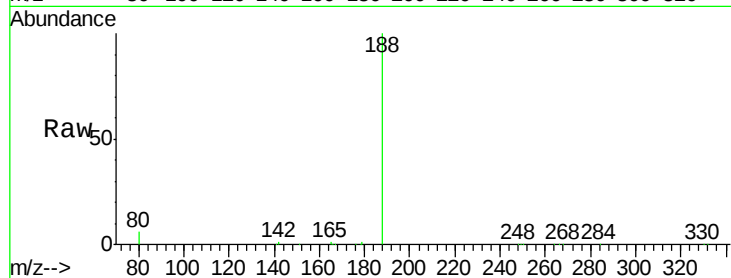
Tot Ion:188 Resp: 23293

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

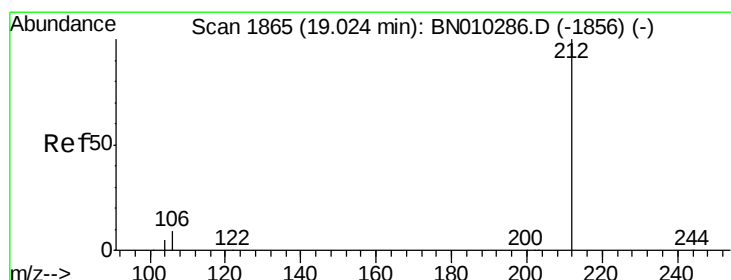
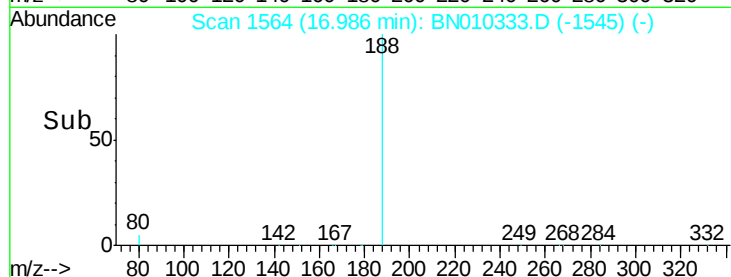
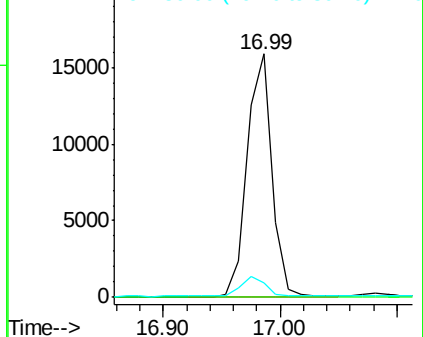
80 5.7 6.0 9.0#



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: 0.304 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010333.D

Acq: 24 Mar 2020 19:16

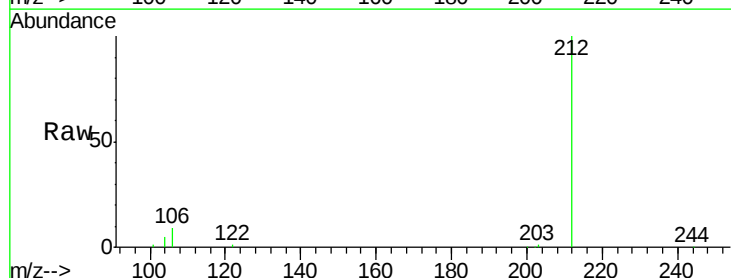
Tgt Ion:212 Resp: 21360

Ion Ratio Lower Upper

212 100

106 9.7 7.4 11.2

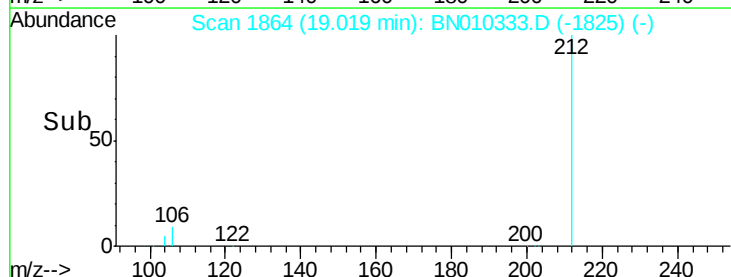
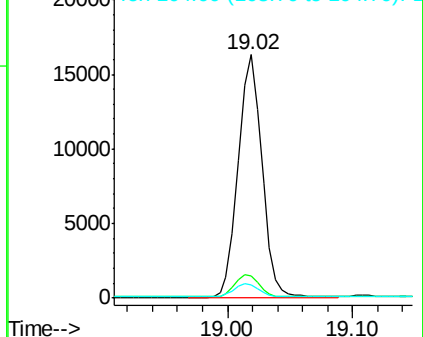
104 5.3 4.2 6.4

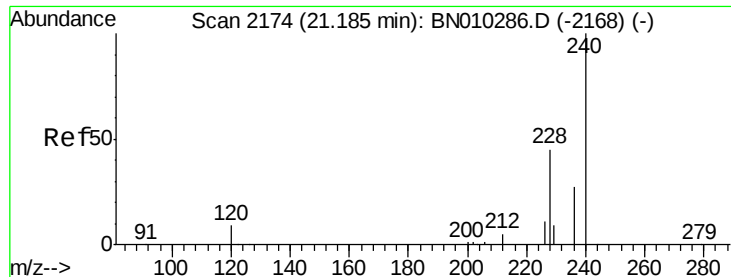


Abundance Ion 212.00 (211.70 to 212.70): E

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# 2174

Delta R.T. 0.00 min

Lab File: BN010333.D

Acq: 24 Mar 2020 19:16

Instrument :

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RE109D1-20200316

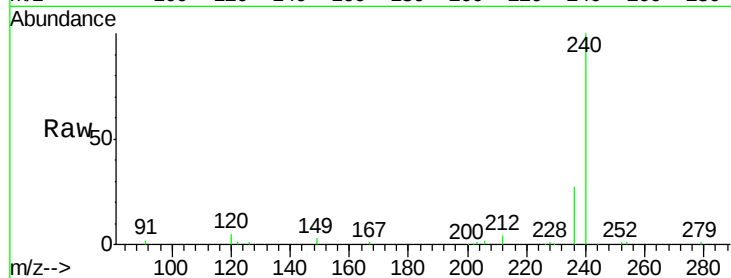
Tot Ion:240 Resp: 24049

Ion Ratio Lower Upper

240 100

120 5.3 7.9 11.9#

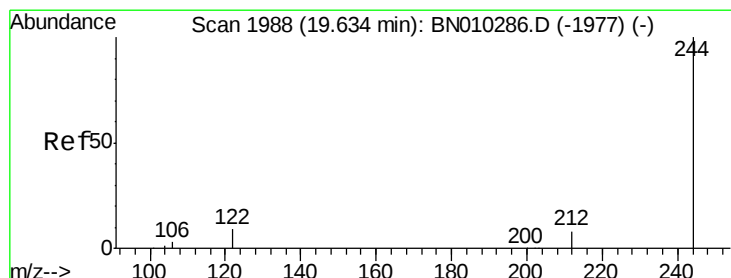
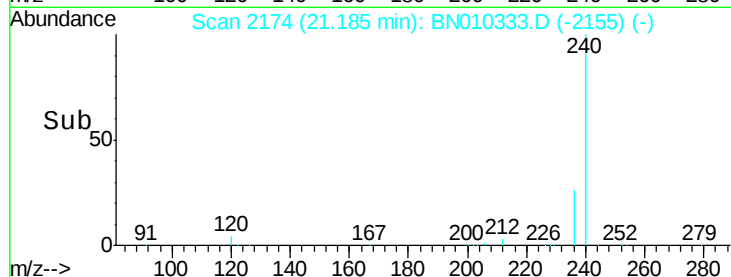
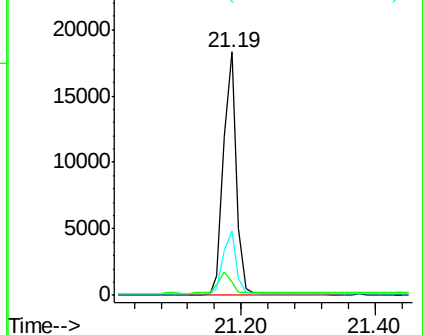
236 26.5 22.2 33.4



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: 0.535 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BN010333.D

Acq: 24 Mar 2020 19:16

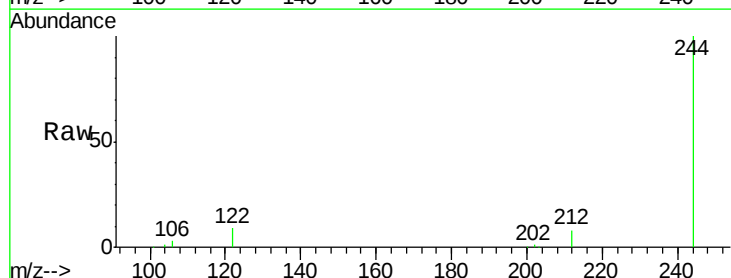
Tgt Ion:244 Resp: 27775

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

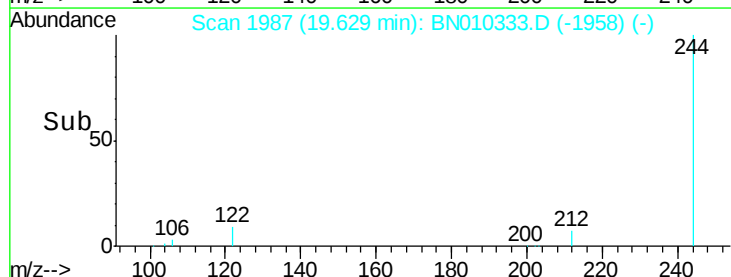
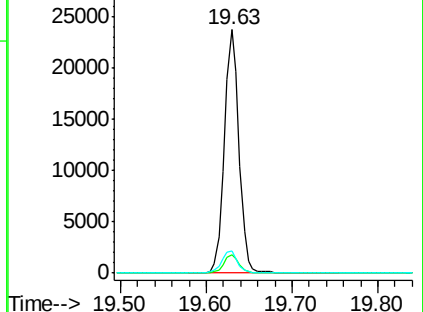
122 9.2 7.6 11.4

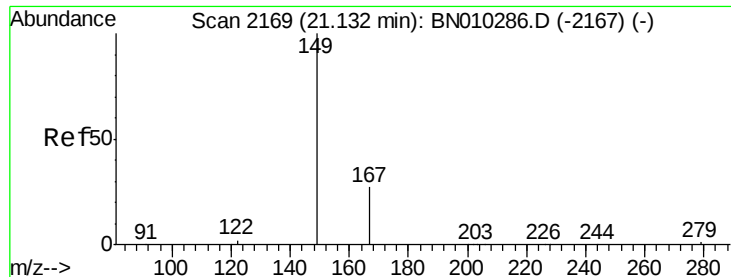


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.048 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN010333.D

Acq: 24 Mar 2020 19:16

Instrument :

BNA_N

ClientSampleId :

RE109D1-20200316

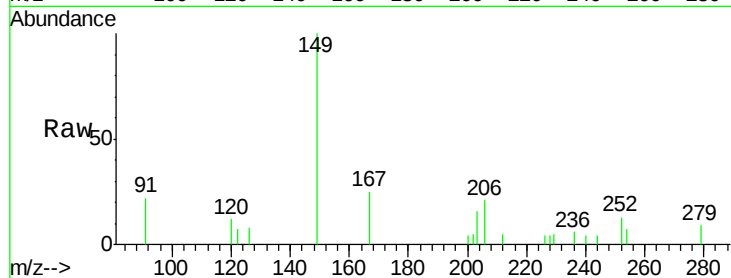
Tot Ion:149 Resp: 1232

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.6

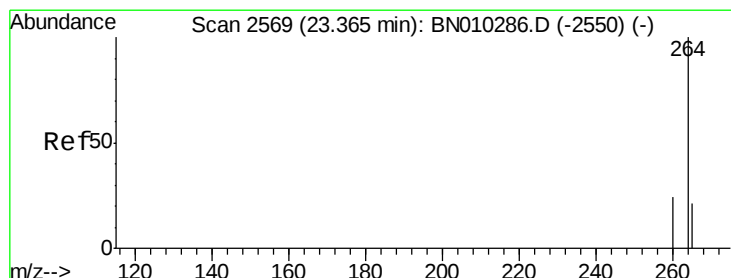
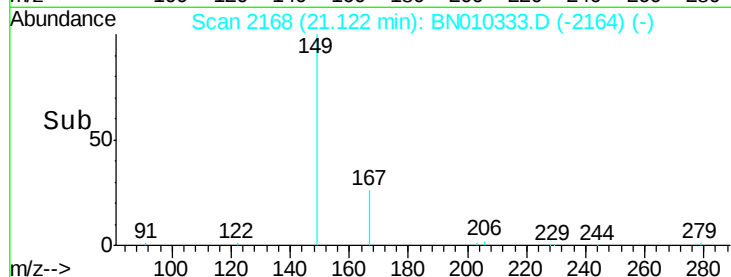
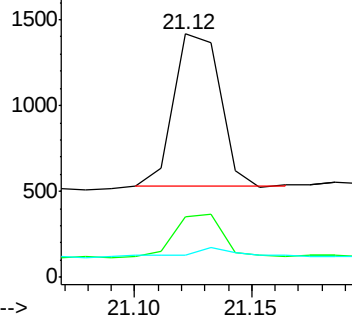
279 5.2 3.8 5.8



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: 23.35 min Scan# 2566

Delta R.T. -0.01 min

Lab File: BN010333.D

Acq: 24 Mar 2020 19:16

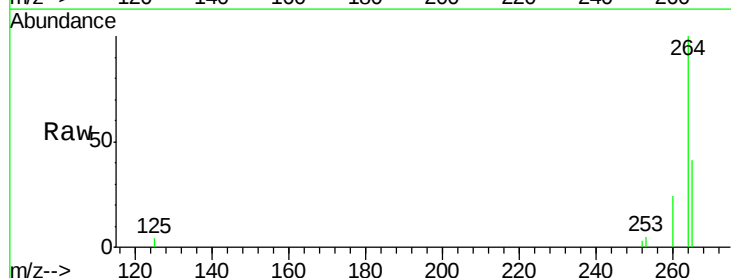
Tgt Ion:264 Resp: 24445

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 40.6 32.4 48.6



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

