

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010987.D
 Acq On : 20 Jun 2020 03:47
 Operator : CG/JU
 Sample : L3043-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20200615

Quant Time: Jun 20 06:19:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 12:43:49 2020
 Response via : Initial Calibration

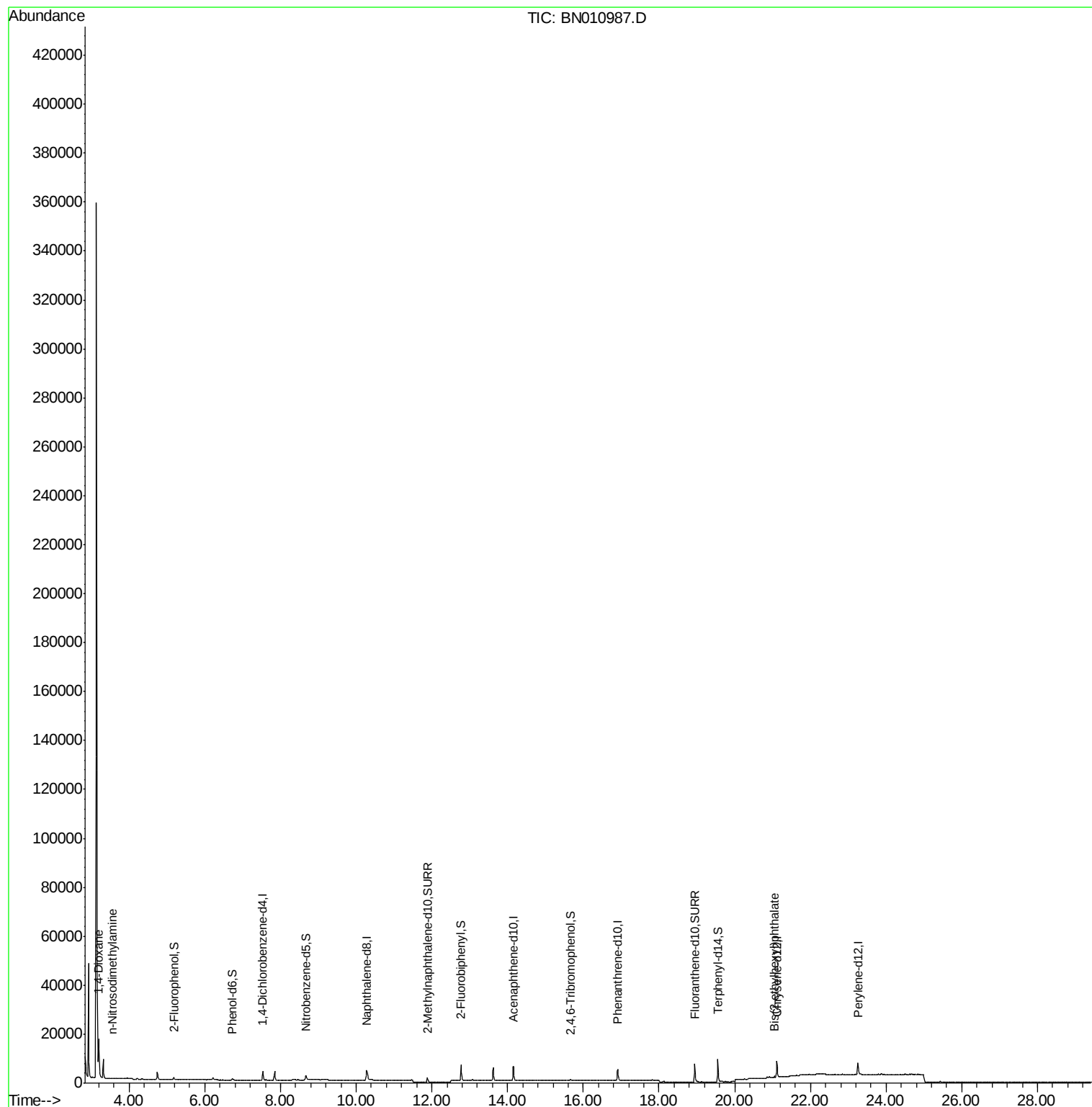
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2100	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	7091	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	3994	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	8354	0.40	ng	0.01
27) Chrysene-d12	21.11	240	7288	0.40	ng	-0.01
34) Perylene-d12	23.26	264	7356	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	779	0.19	ng	0.00
5) Phenol-d6	6.73	99	474	0.10	ng	0.00
8) Nitrobenzene-d5	8.67	82	2404	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	3417	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	584	0.41	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	7075	0.45	ng	0.00
25) Fluoranthene-d10	18.94	212	10057	0.44	ng	0.00
29) Terphenyl-d14	19.56	244	10942	0.64	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.20	88	10157	4.938	ng	Qvalue 97
3) n-Nitrosodimethylamine	3.57	42	29	0.024	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.06	149	660	0.092	ng	# 95

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

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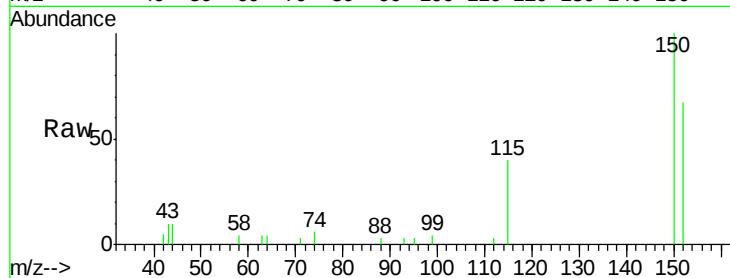


#1

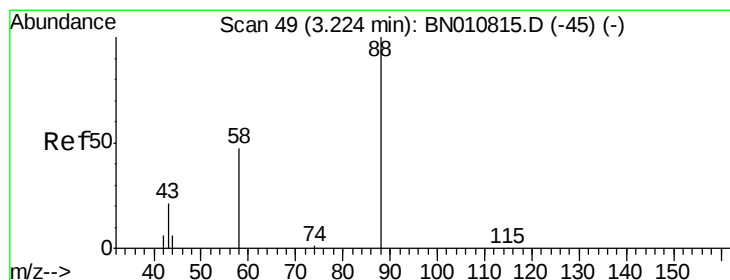
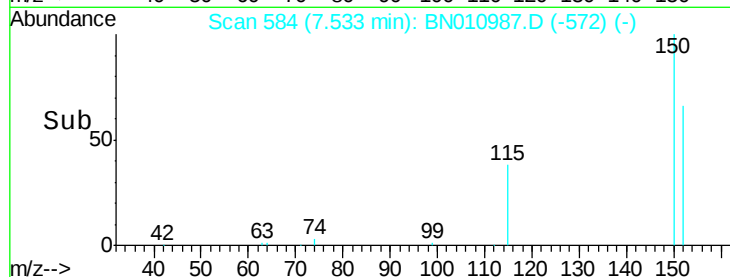
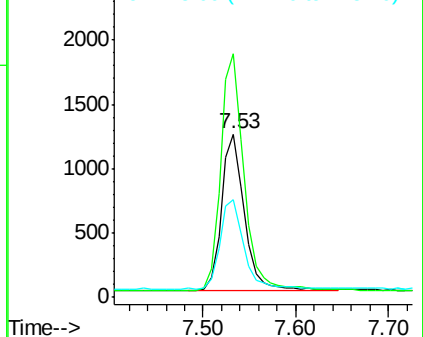
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010987.D
Acq: 20 Jun 2020 03:47

Instrument :
BNA_N
ClientSampleId :
RE120D2-20200615

Tot Ion:152 Resp: 2100
Ion Ratio Lower Upper
152 100
150 149.2 123.8 185.6
115 60.0 49.2 73.8



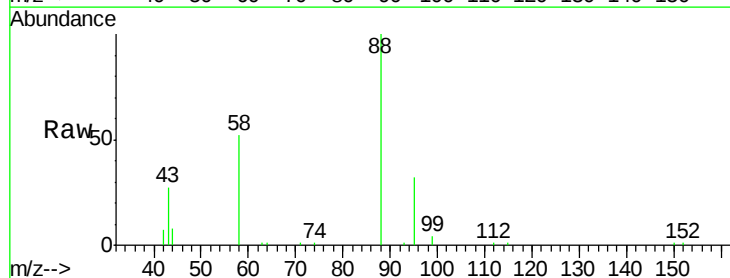
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



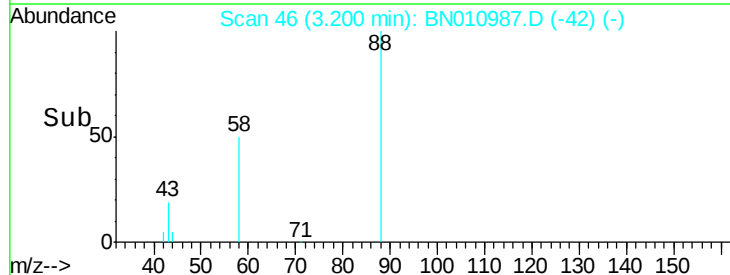
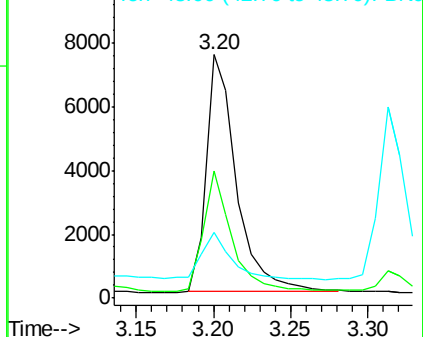
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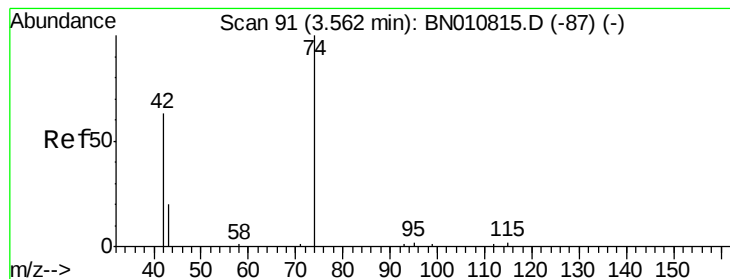
1,4-Dioxane
Concen: 4.938 ng
RT: 3.20 min Scan# 46
Delta R.T. -0.02 min
Lab File: BN010987.D
Acq: 20 Jun 2020 03:47

Tgt Ion: 88 Resp: 10157
Ion Ratio Lower Upper
88 100
58 45.4 38.2 57.4
43 18.7 15.1 22.7



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





#3

n-Nitrosodimethylamine

Concen: 0.024 ng

RT: 3.57 min Scan# 92

Delta R.T. 0.05 min

Lab File: BN010987.D

Acq: 20 Jun 2020 03:47

Instrument :

BNA_N

ClientSampleId :

RE120D2-20200615

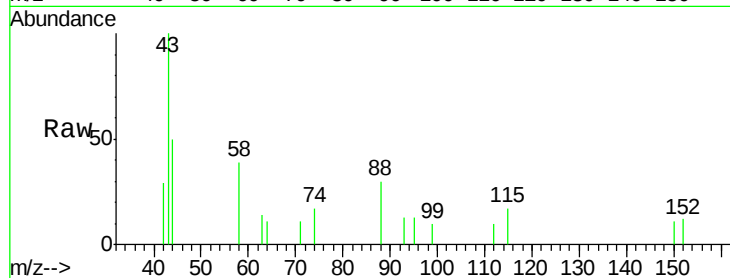
Tot Ion: 42 Resp: 29

Ion Ratio Lower Upper

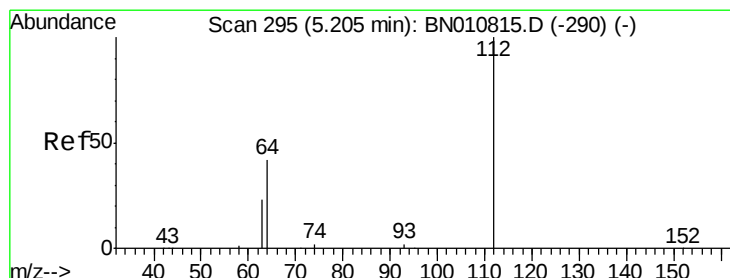
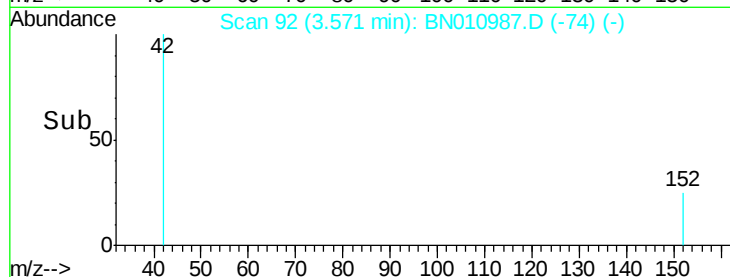
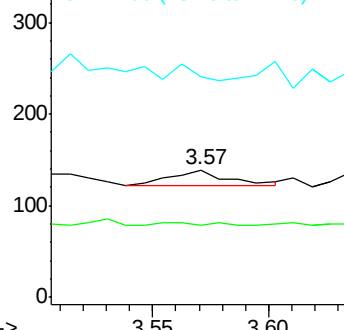
42 100

74 24.1 140.7 211.1#

44 0.0 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.192 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN010987.D

Acq: 20 Jun 2020 03:47

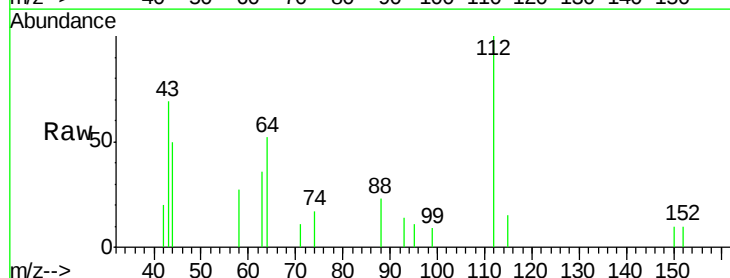
Tgt Ion: 112 Resp: 779

Ion Ratio Lower Upper

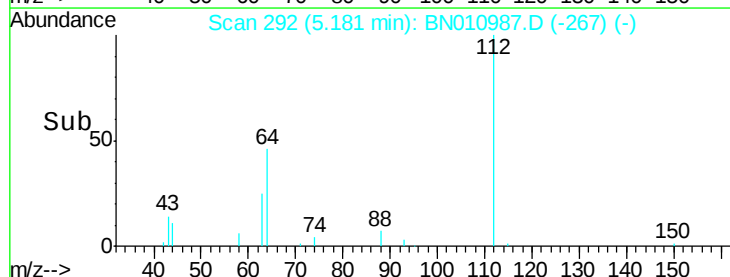
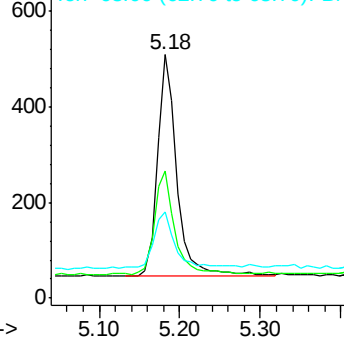
112 100

64 49.8 37.4 56.0

63 27.9 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0

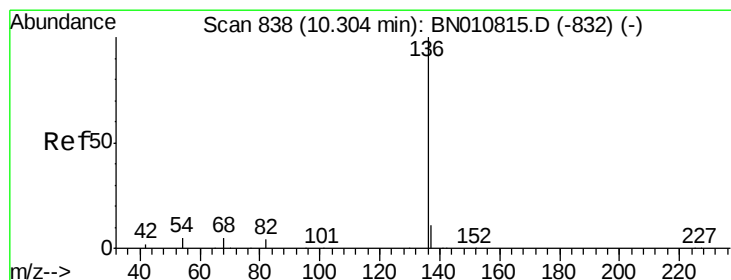
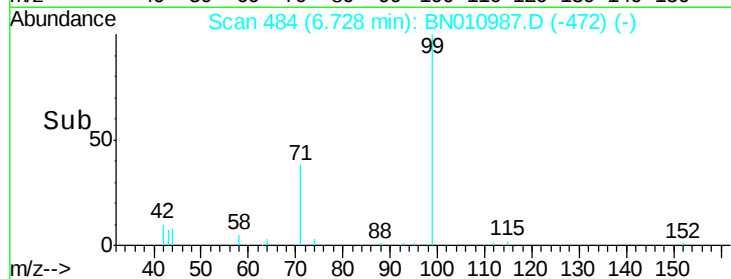
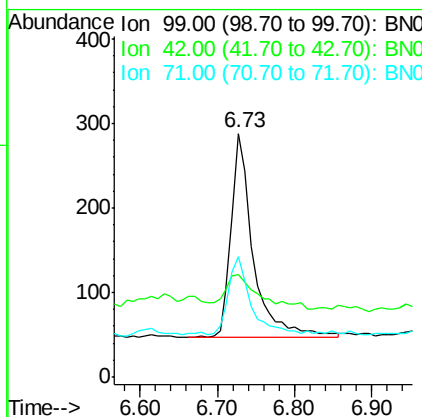
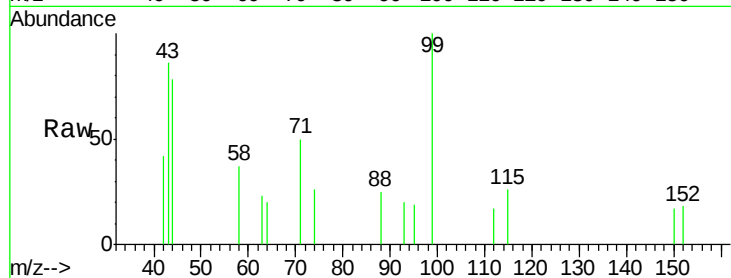




#5
 Phenol-d6
 Concen: 0.099 ng
 RT: 6.73 min Scan# 484
 Delta R.T. -0.00 min
 Lab File: BN010987.D
 Acq: 20 Jun 2020 03:47

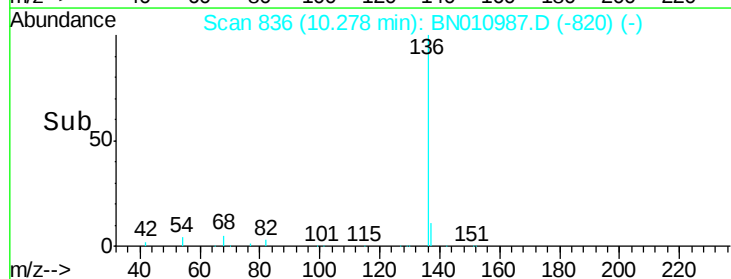
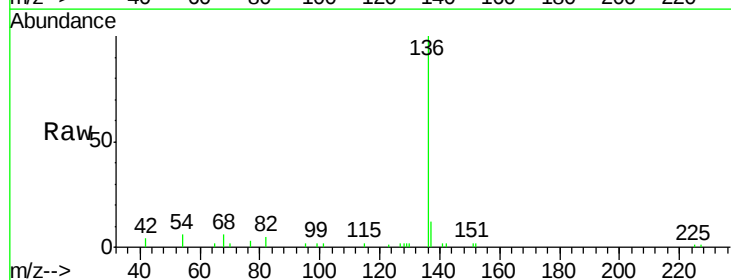
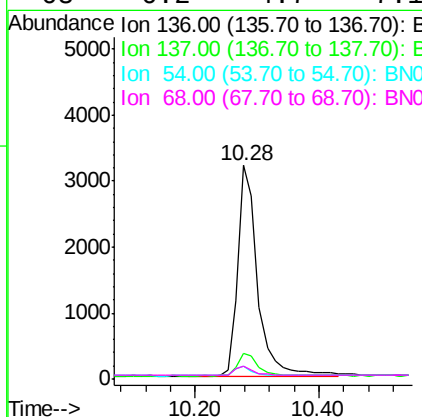
Instrument :
 BNA_N
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 RE120D2-20200615

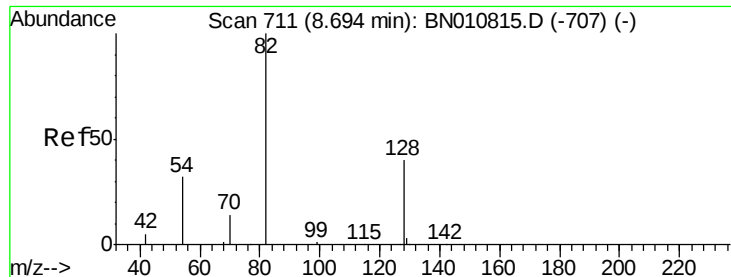
Tot Ion: 99 Resp: 474
 Ion Ratio Lower Upper
 99 100
 42 26.2 11.1 16.7#
 71 39.5 31.4 47.2



#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.28 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BN010987.D
 Acq: 20 Jun 2020 03:47

Tgt Ion: 136 Resp: 7091
 Ion Ratio Lower Upper
 136 100
 137 12.1 9.7 14.5
 54 5.7 4.9 7.3
 68 6.2 4.7 7.1

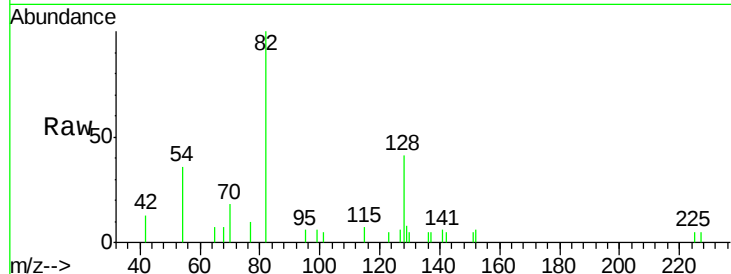




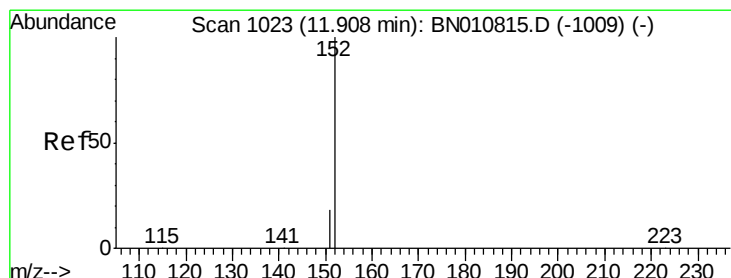
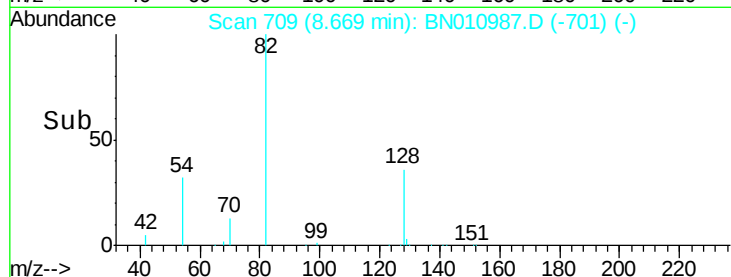
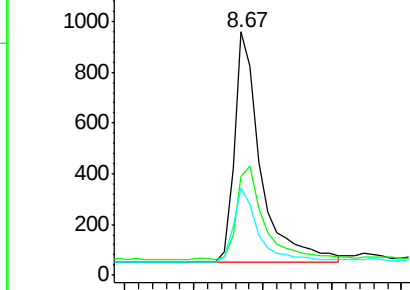
#8
 Nitrobenzene-d5
 Concen: 0.458 ng
 RT: 8.67 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BN010987.D
 Acq: 20 Jun 2020 03:47

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20200615

Tot Ion: 82 Resp: 2404
 Ion Ratio Lower Upper
 82 100
 128 40.9 35.4 53.0
 54 35.9 28.2 42.4

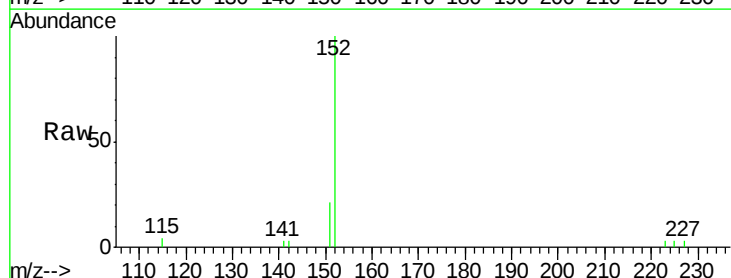


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

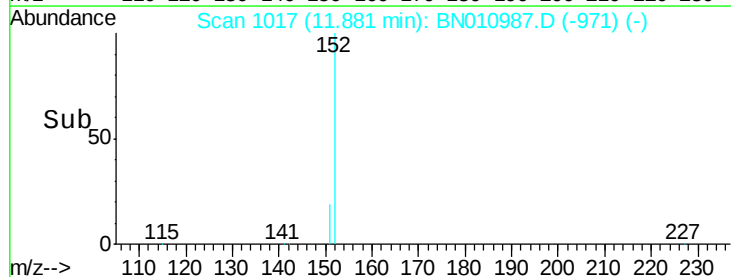
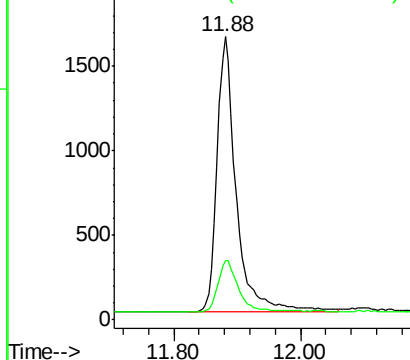


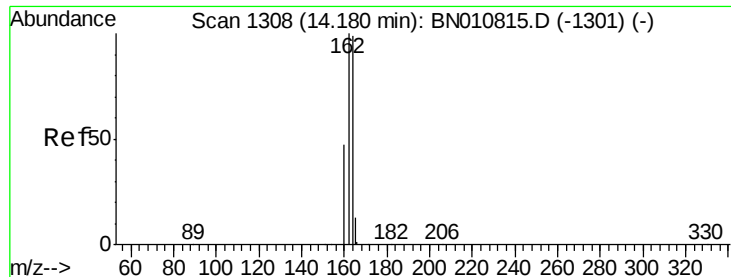
#11
 2-Methylnaphthalene-d10
 Concen: 0.311 ng
 RT: 11.88 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BN010987.D
 Acq: 20 Jun 2020 03:47

Tgt Ion: 152 Resp: 3417
 Ion Ratio Lower Upper
 152 100
 151 20.1 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010987.D

Acq: 20 Jun 2020 03:47

Instrument :

BNA_N

ClientSampleId :

RE120D2-20200615

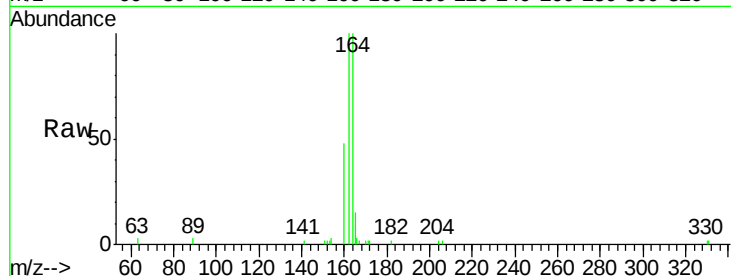
Tot Ion:164 Resp: 3994

Ion Ratio Lower Upper

164 100

162 99.6 81.0 121.6

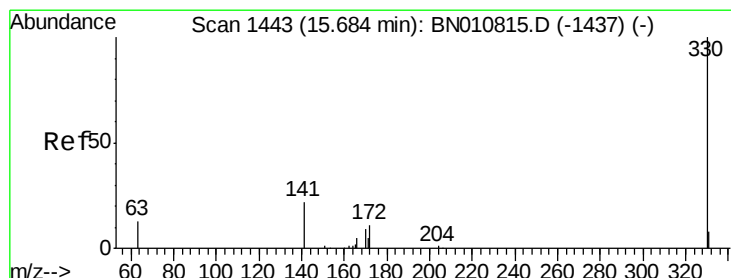
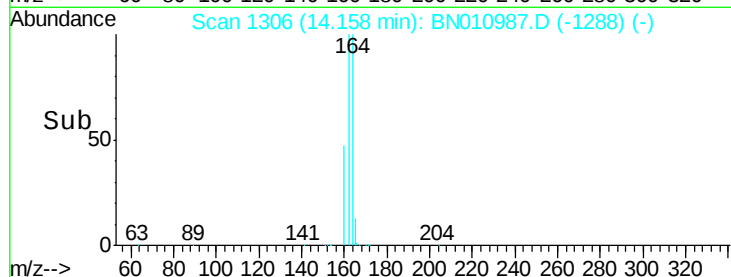
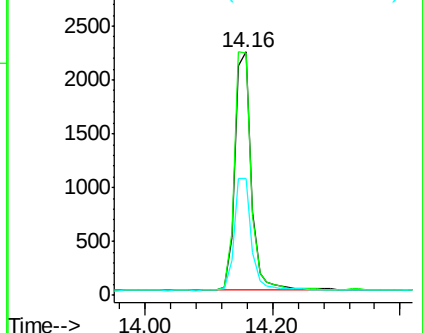
160 47.8 38.9 58.3



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: 0.409 ng

RT: 15.66 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BN010987.D

Acq: 20 Jun 2020 03:47

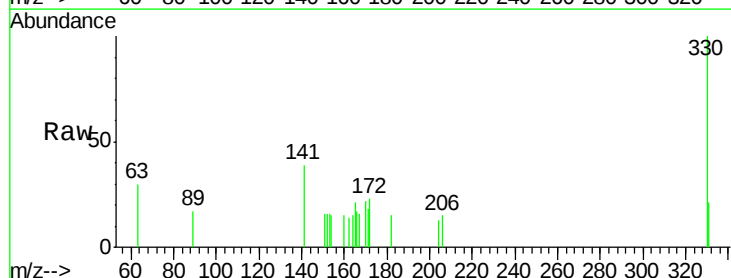
Tgt Ion:330 Resp: 584

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

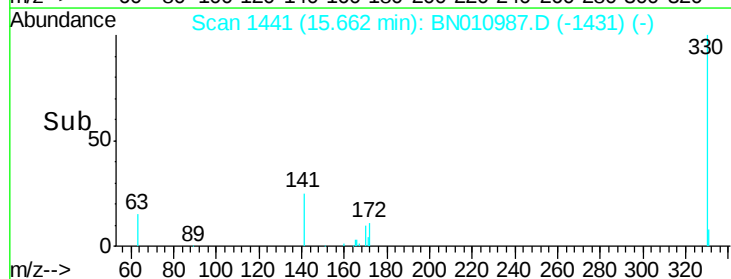
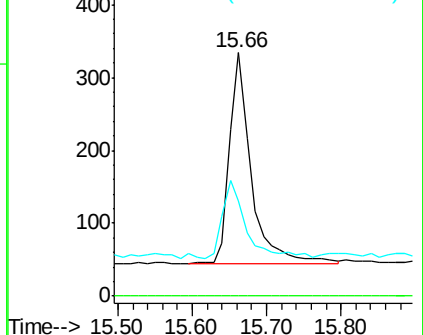
141 40.1 33.2 49.8

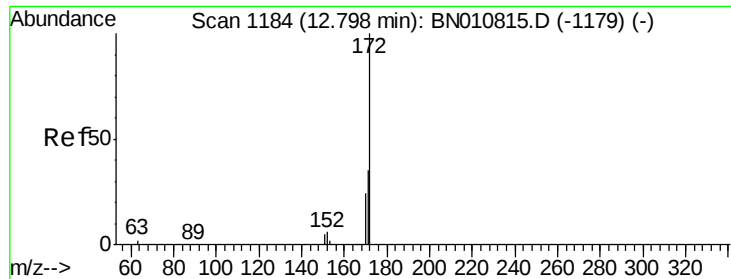


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

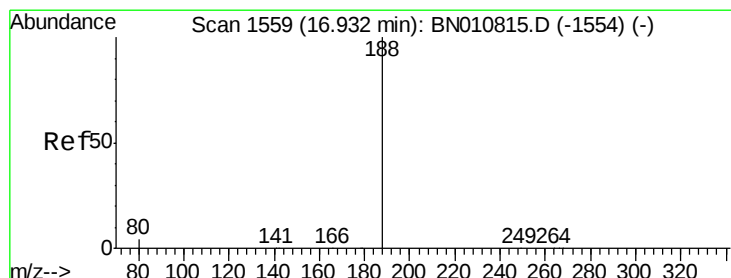
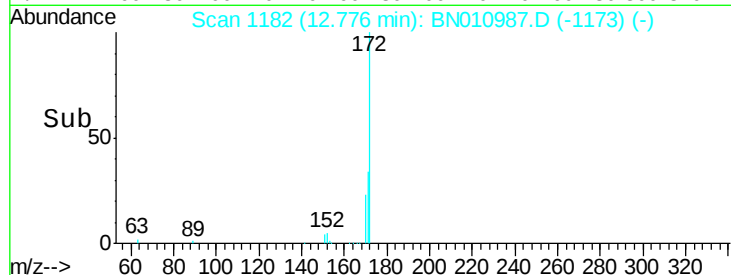
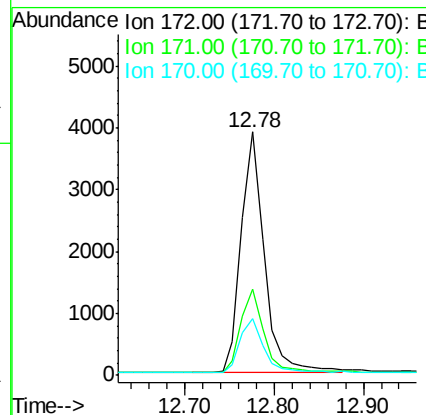
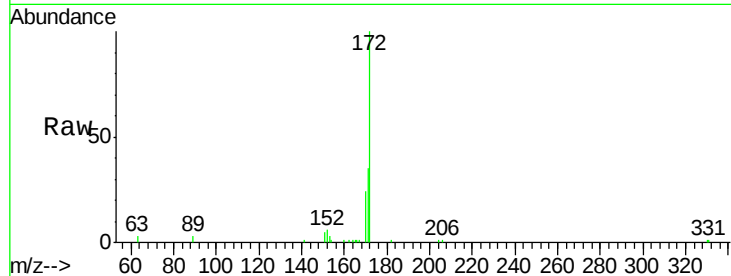




#15
2-Fluorobiphenyl
Concen: 0.449 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010987.D
Acq: 20 Jun 2020 03:47

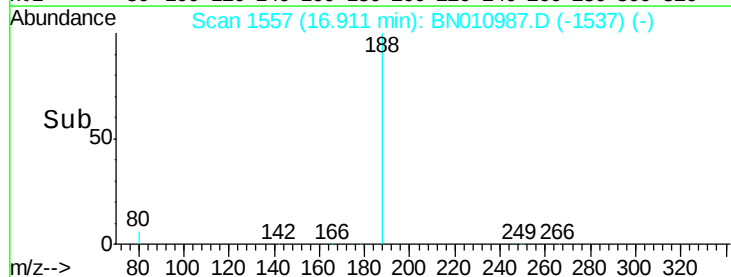
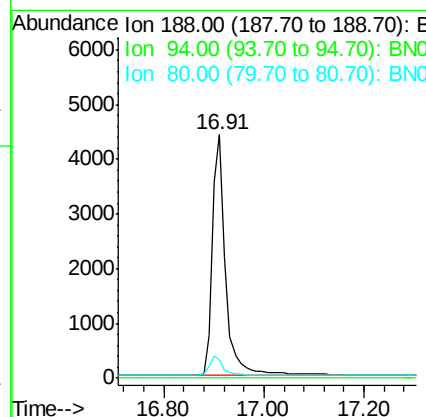
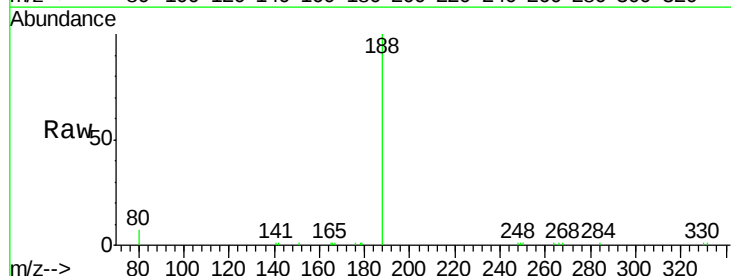
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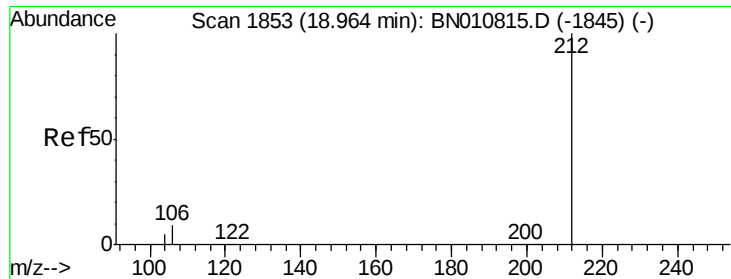
Tot Ion:172 Resp: 7075
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.5 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BN010987.D
Acq: 20 Jun 2020 03:47

Tgt Ion:188 Resp: 8354
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 4.5 6.7#

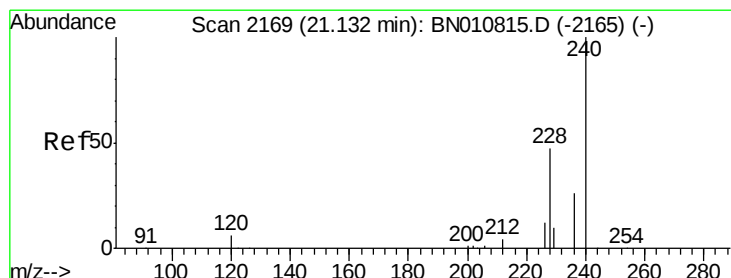
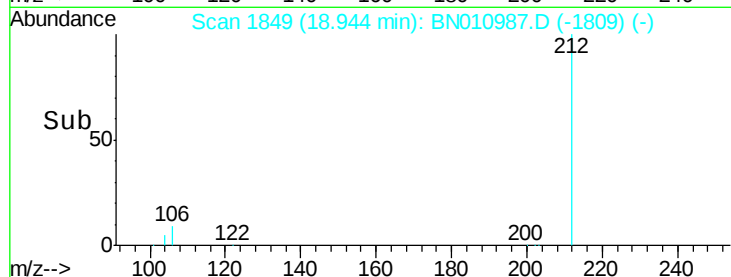
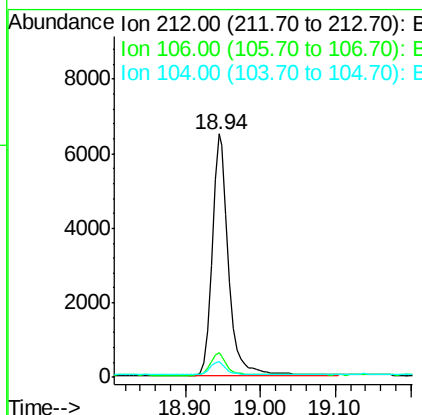
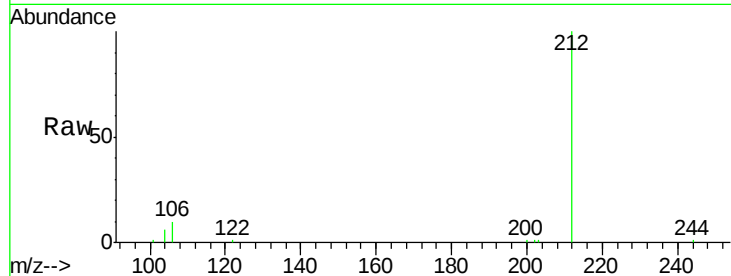




#25
 Fluoranthene-d10
 Concen: 0.436 ng
 RT: 18.94 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BN010987.D
 Acq: 20 Jun 2020 03:47

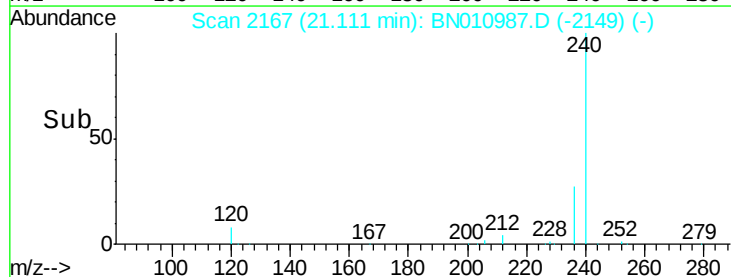
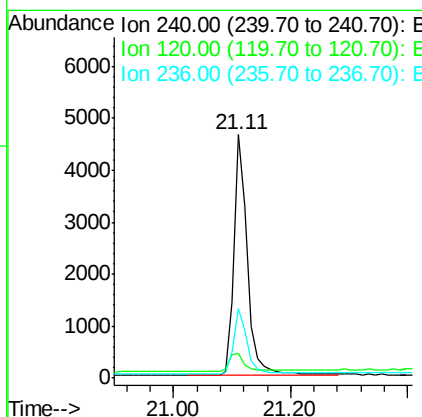
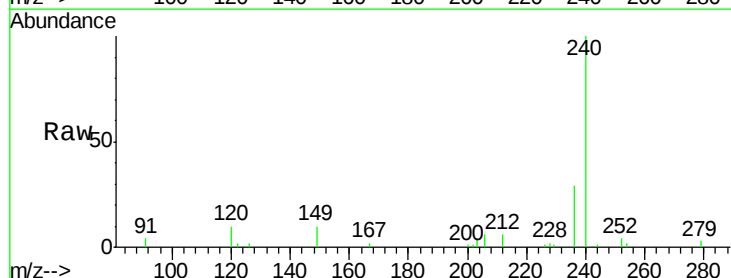
Instrument :
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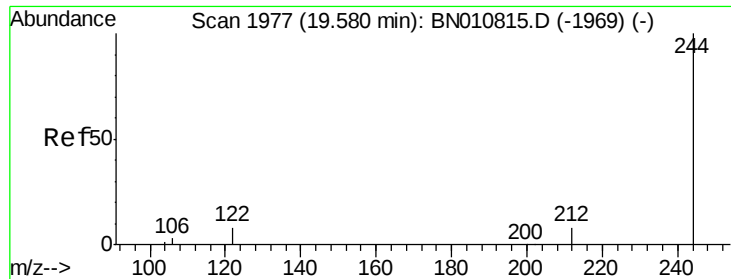
Tot Ion:212 Resp: 10057
 Ion Ratio Lower Upper
 212 100
 106 9.0 6.6 10.0
 104 5.3 4.0 6.0



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.11 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BN010987.D
 Acq: 20 Jun 2020 03:47

Tgt Ion:240 Resp: 7288
 Ion Ratio Lower Upper
 240 100
 120 10.3 7.5 11.3
 236 28.7 22.3 33.5





#29

Terphenyl-d14

Concen: 0.641 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN010987.D

Acq: 20 Jun 2020 03:47

Instrument :

BNA_N

ClientSampleId :

RE120D2-20200615

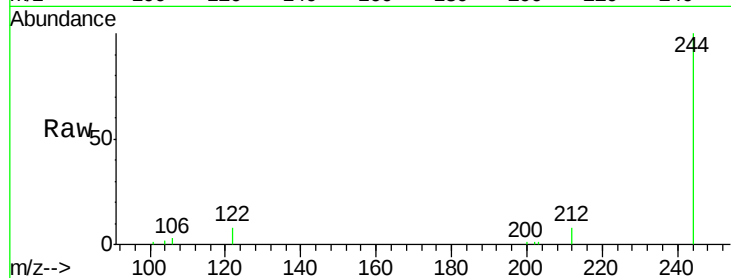
Tot Ion:244 Resp: 10942

Ion Ratio Lower Upper

244 100

212 8.4 7.4 11.2

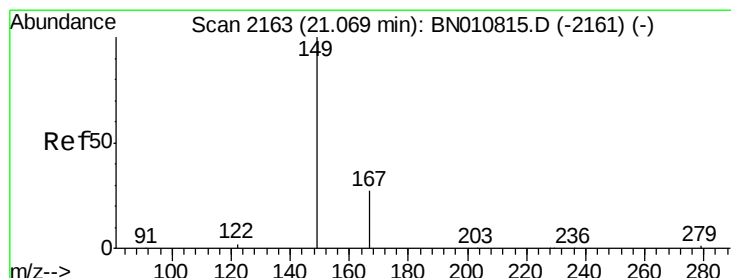
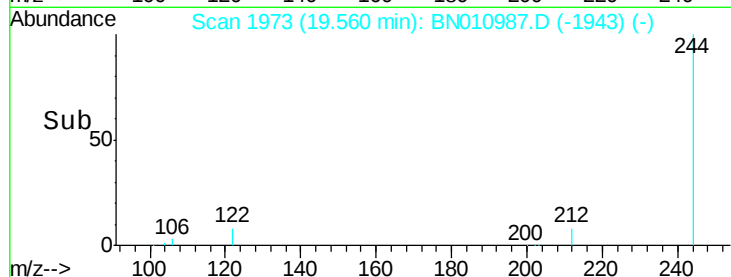
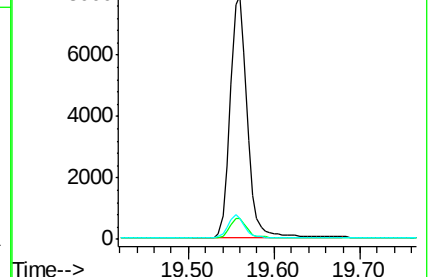
122 8.4 7.5 11.3



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: 0.092 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN010987.D

Acq: 20 Jun 2020 03:47

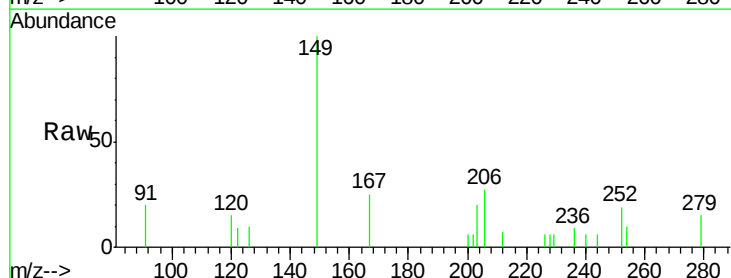
Tgt Ion:149 Resp: 660

Ion Ratio Lower Upper

149 100

167 27.1 24.1 36.1

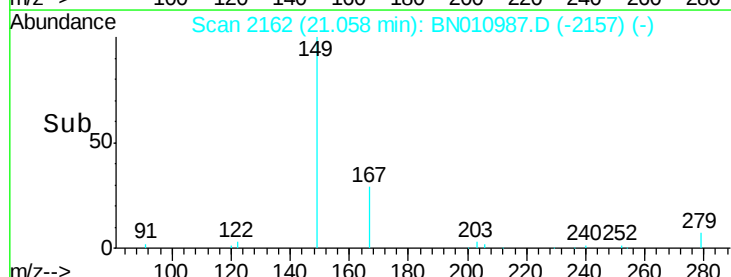
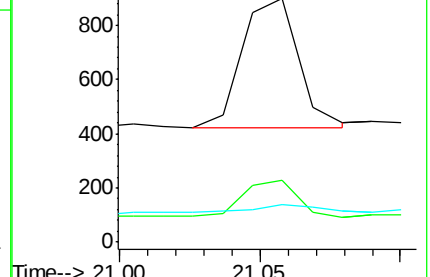
279 7.6 4.6 7.0#

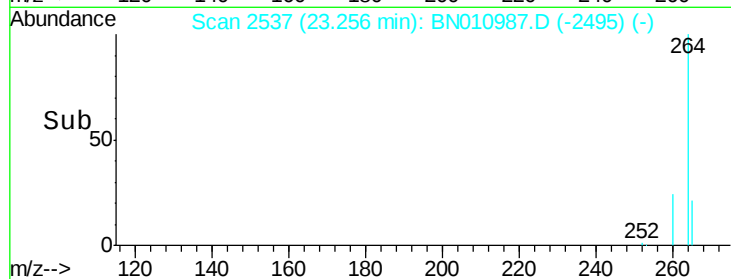
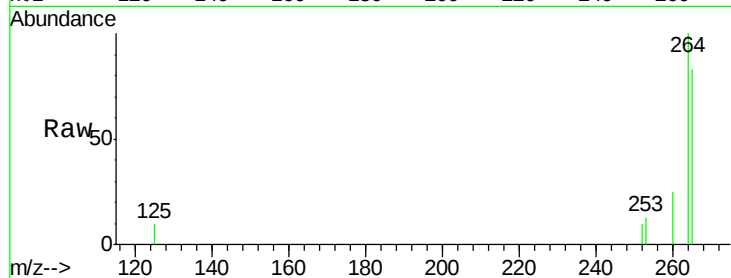


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.26 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BN010987.D

Acq: 20 Jun 2020 03:47

Instrument :

BNA_N

ClientSampleId :

RE120D2-20200615

Tot Ion: 264 Resp: 7356

Ion Ratio Lower Upper

264 100

260 24.8 20.4 30.6

265 83.2 75.0 112.4

