

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010187.D
 Acq On : 11 Mar 2020 11:44
 Operator : CG/JU
 Sample : L1842-26
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20200306

Quant Time: Mar 11 13:27:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

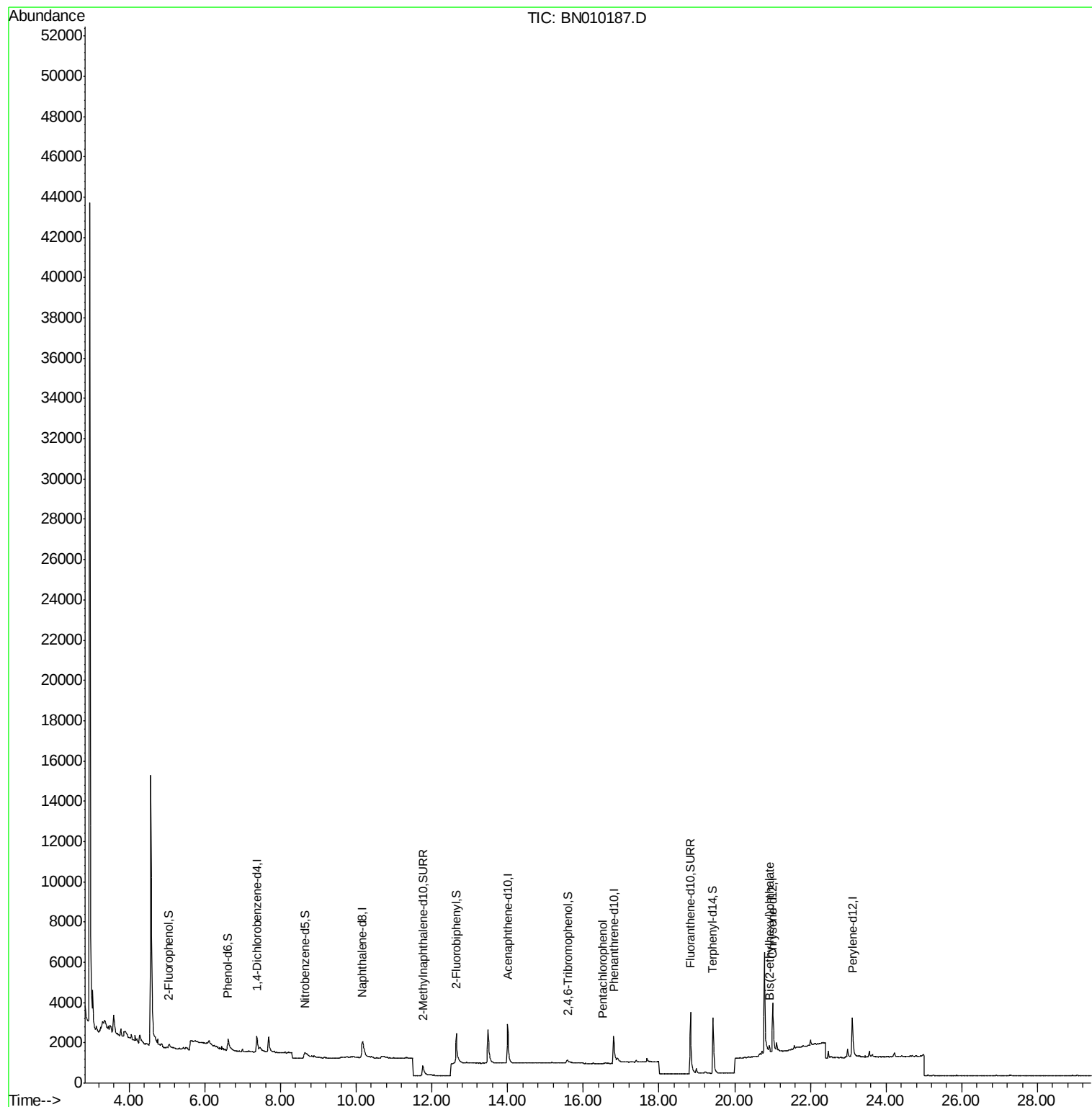
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	753	0.40	ng	-0.05
7) Naphthalene-d8	10.16	136	2583	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	1577	0.40	ng	-0.06
19) Phenanthrene-d10	16.80	188	3807	0.40	ng	-0.01
27) Chrysene-d12	21.00	240	3779	0.40	ng	-0.03
34) Perylene-d12	23.11	264	3470	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	311	0.19	ng	-0.02
5) Phenol-d6	6.60	99	247	0.12	ng	-0.05
8) Nitrobenzene-d5	8.64	82	614	0.29	ng	0.05
11) 2-Methylnaphthalene-d10	11.76	152	1529	0.31	ng	-0.02
14) 2,4,6-Tribromophenol	15.58	330	170	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	2332	0.39	ng	-0.04
25) Fluoranthene-d10	18.83	212	5503	0.42	ng	-0.03
29) Terphenyl-d14	19.43	244	4686	0.52	ng	-0.05
Target Compounds						
20) 4-Bromophenyl-phenylether	16.02	248	117	Below Cal	#	77
22) Pentachlorophenol	16.52	266	10	0.191 ng	#	75
32) Bis(2-ethylhexyl)phthalate	20.92	149	463	0.076 ng	#	86

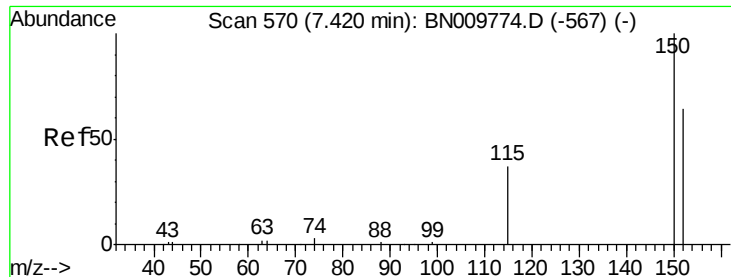
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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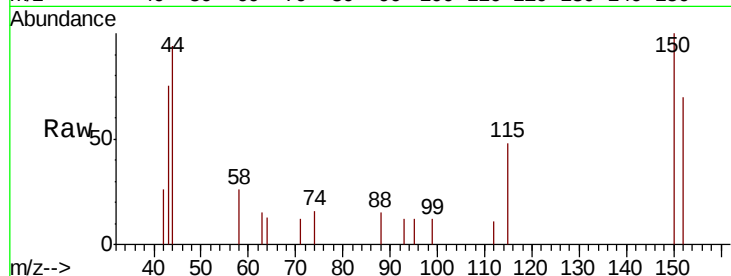


#1

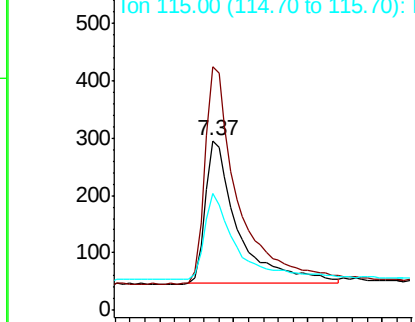
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.37 min Scan# 564
 Delta R.T. -0.05 min
 Lab File: BN010187.D
 Acq: 11 Mar 2020 11:44

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20200306

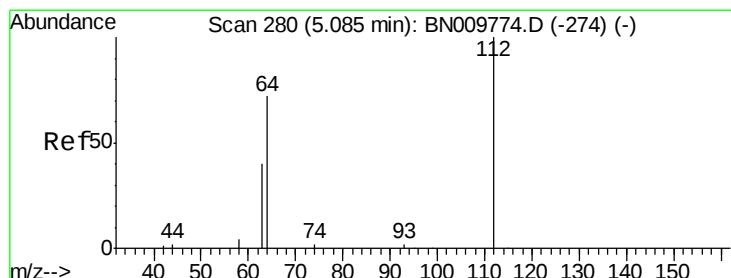
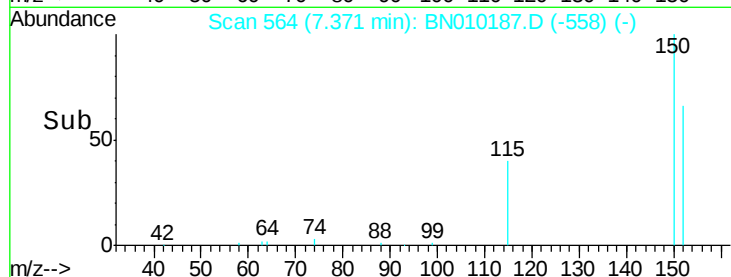
Tot Ion:152 Resp: 753
 Ion Ratio Lower Upper
 152 100
 150 143.2 120.6 181.0
 115 68.6 51.2 76.8



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



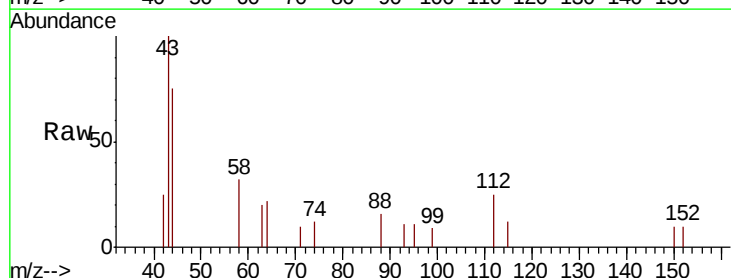
Time-->



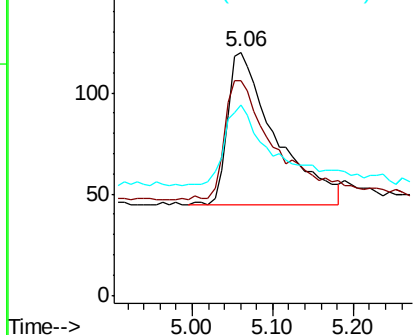
#4

2-Fluorophenol
 Concen: 0.186 ng
 RT: 5.06 min Scan# 277
 Delta R.T. -0.02 min
 Lab File: BN010187.D
 Acq: 11 Mar 2020 11:44

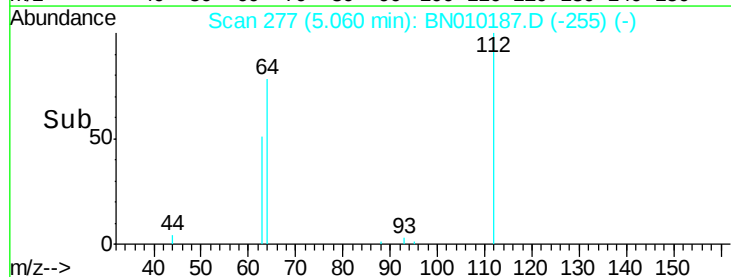
Tgt Ion:112 Resp: 311
 Ion Ratio Lower Upper
 112 100
 64 87.8 65.8 98.6
 63 52.4 38.7 58.1

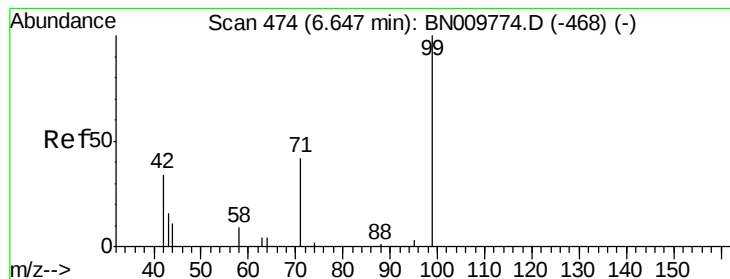


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BNC
 Ion 63.00 (62.70 to 63.70): BNC



Time-->





#5

Phenol-d6

Concen: 0.121 ng

RT: 6.60 min Scan# 468

Delta R.T. -0.05 min

Lab File: BN010187.D

Acq: 11 Mar 2020 11:44

Instrument :

BNA_N

ClientSampleId :

RE139D2-20200306

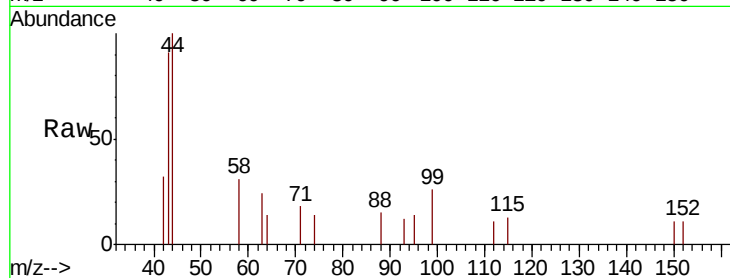
Tot Ion: 99 Resp: 247

Ion Ratio Lower Upper

99 100

42 0.0 30.8 46.2#

71 32.0 34.9 52.3#

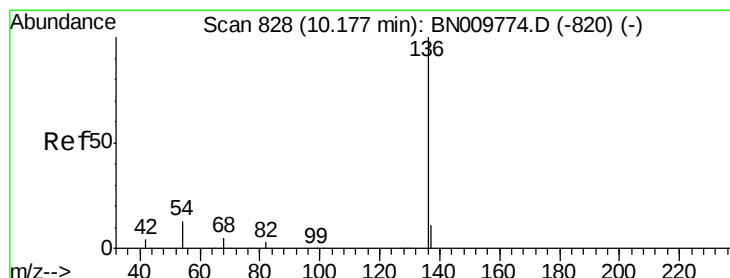
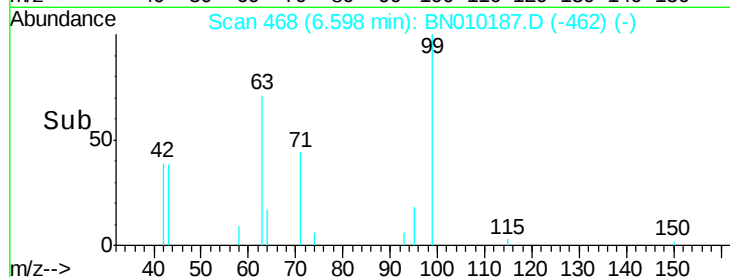
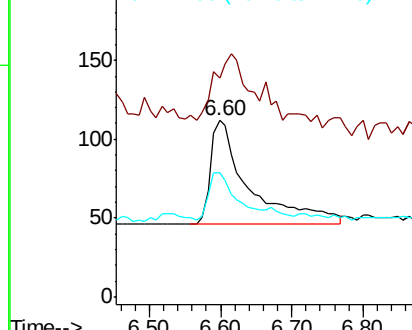


Abundance

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: 10.16 min Scan# 827

Delta R.T. -0.01 min

Lab File: BN010187.D

Acq: 11 Mar 2020 11:44

Tgt Ion: 136 Resp: 2583

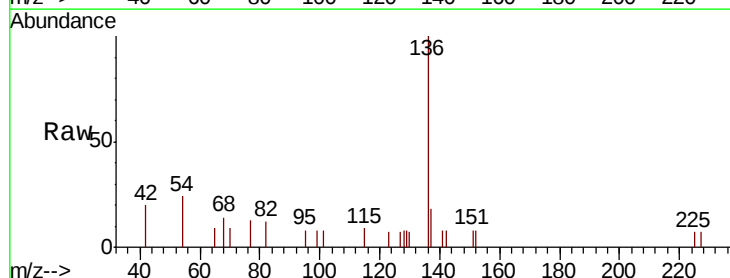
Ion Ratio Lower Upper

136 100

137 17.7 11.3 16.9#

54 23.9 13.4 20.2#

68 13.7 7.0 10.4#



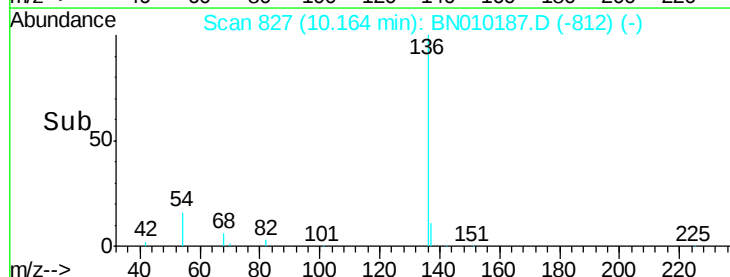
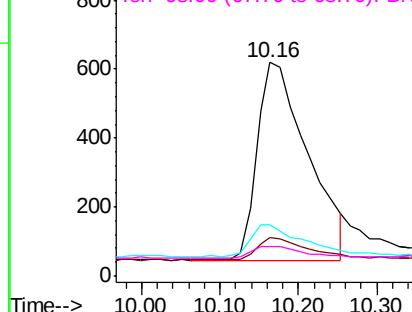
Abundance

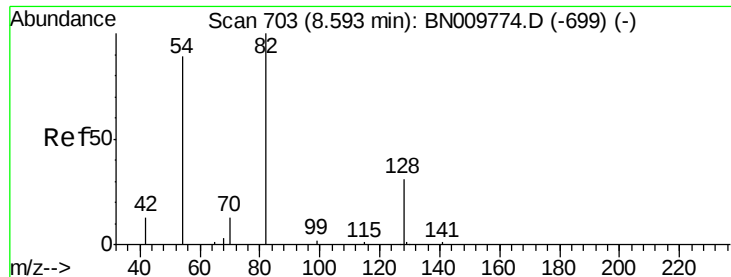
Ion 136.00 (135.70 to 136.70): BNC

Ion 137.00 (136.70 to 137.70): BNC

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC

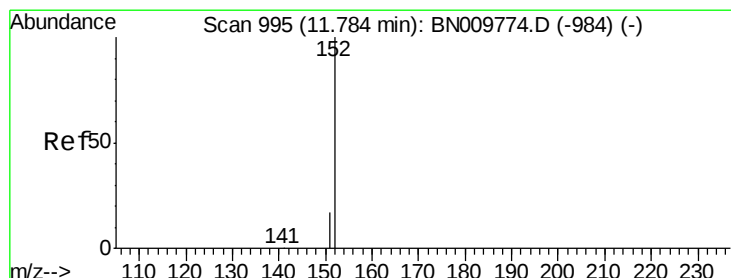
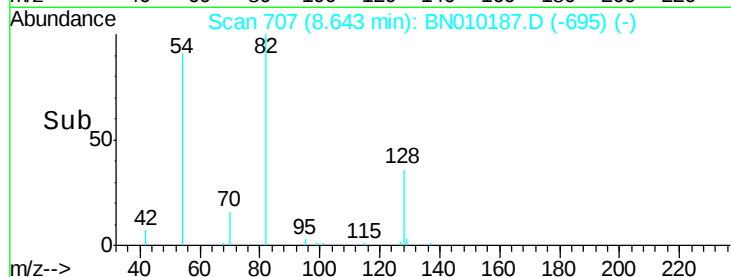
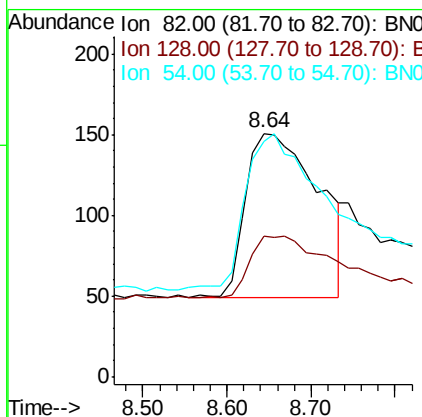
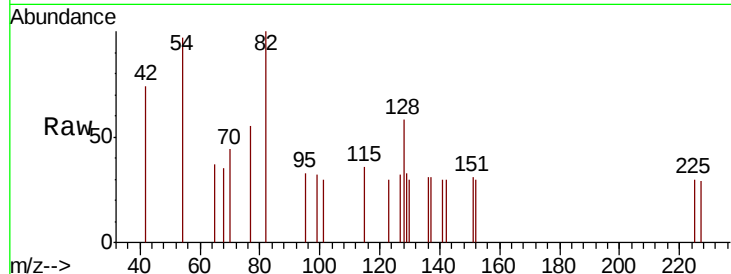




#8
 Nitrobenzene-d5
 Concen: 0.286 ng
 RT: 8.64 min Scan# 707
 Delta R.T. 0.05 min
 Lab File: BN010187.D
 Acq: 11 Mar 2020 11:44

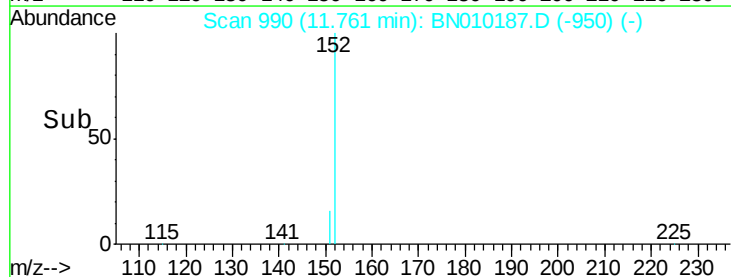
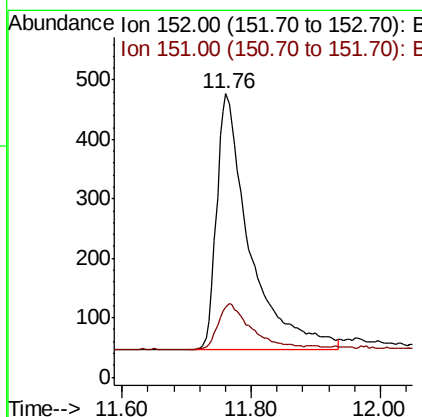
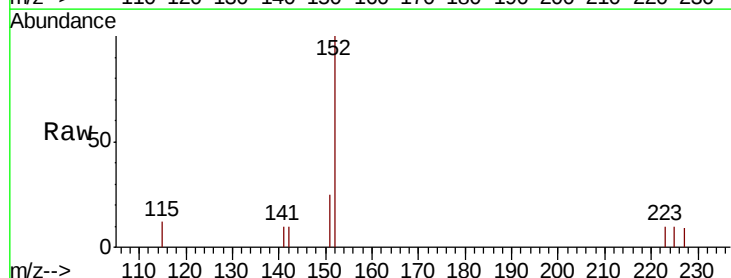
Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20200306

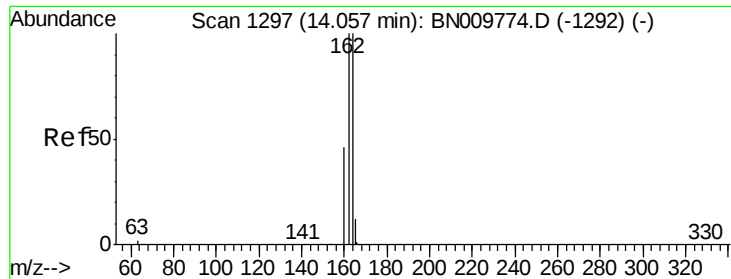
Tot Ion: 82 Resp: 614
 Ion Ratio Lower Upper
 82 100
 128 57.6 32.5 48.7#
 54 96.7 73.5 110.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.306 ng
 RT: 11.76 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BN010187.D
 Acq: 11 Mar 2020 11:44

Tgt Ion: 152 Resp: 1529
 Ion Ratio Lower Upper
 152 100
 151 17.9 15.1 22.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BN010187.D

Acq: 11 Mar 2020 11:44

Instrument :

BNA_N

ClientSampleId :

RE139D2-20200306

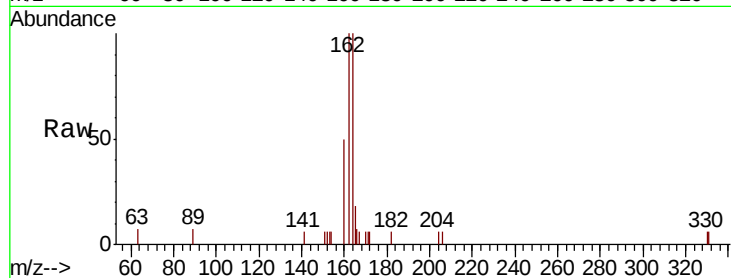
Tot Ion:164 Resp: 1577

Ion Ratio Lower Upper

164 100

162 100.1 79.9 119.9

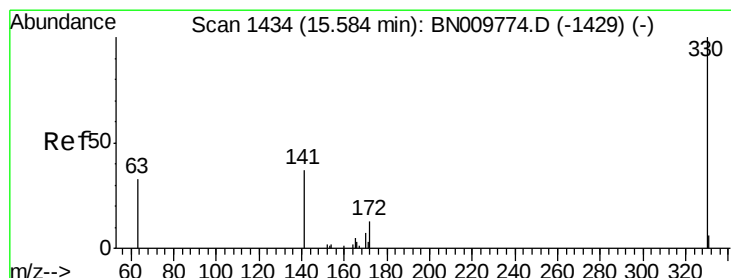
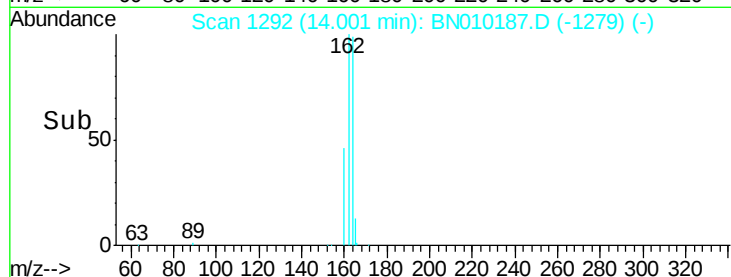
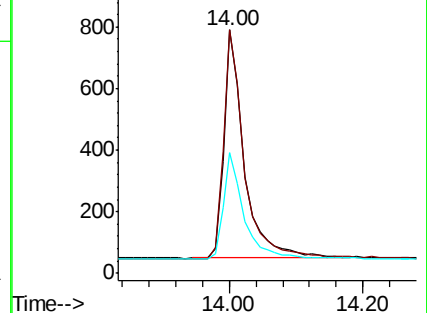
160 49.6 38.2 57.2



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: 0.280 ng

RT: 15.58 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BN010187.D

Acq: 11 Mar 2020 11:44

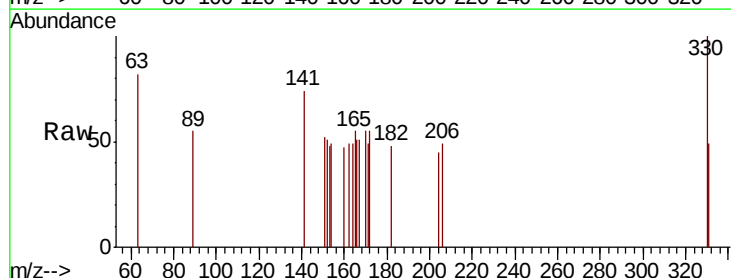
Tgt Ion:330 Resp: 170

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

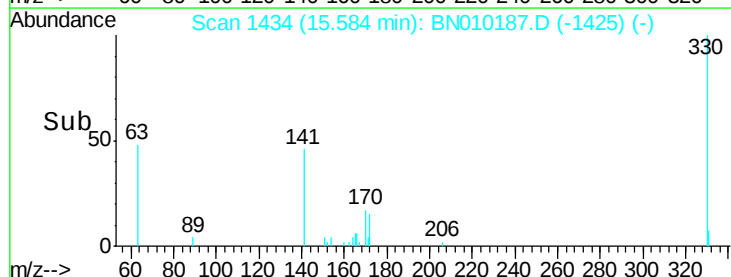
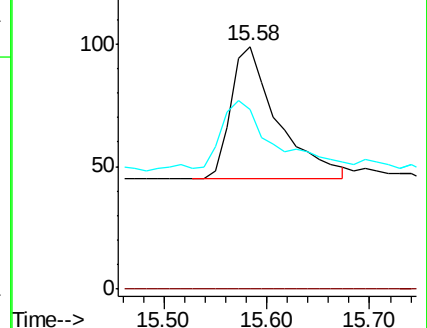
141 63.5 36.8 55.2#

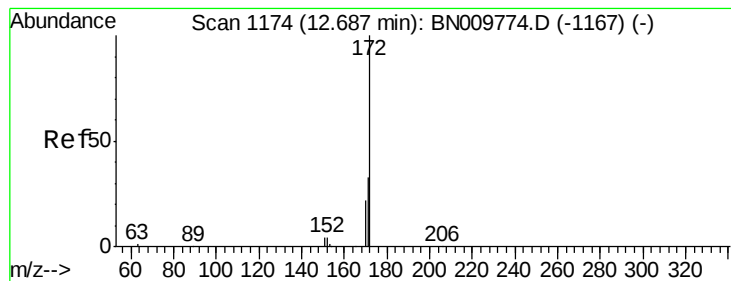


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.392 ng

RT: 12.64 min Scan# 1170

Delta R.T. -0.04 min

Lab File: BN010187.D

Acq: 11 Mar 2020 11:44

Instrument :

BNA_N

ClientSampleId :

RE139D2-20200306

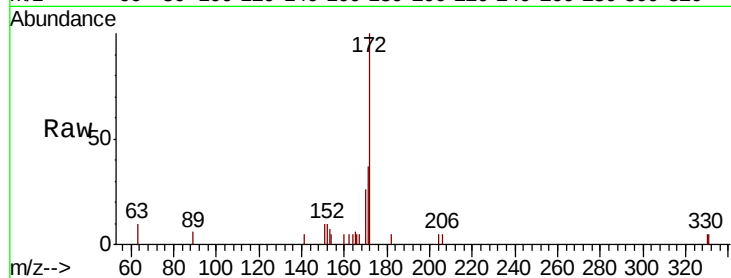
Tot Ion:172 Resp: 2332

Ion Ratio Lower Upper

172 100

171 37.0 28.7 43.1

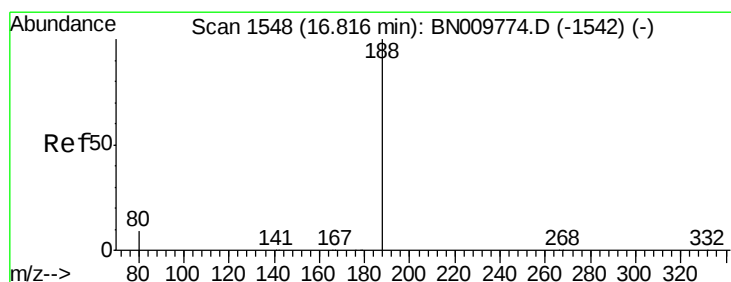
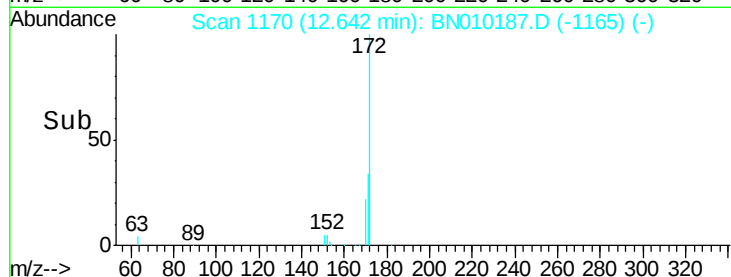
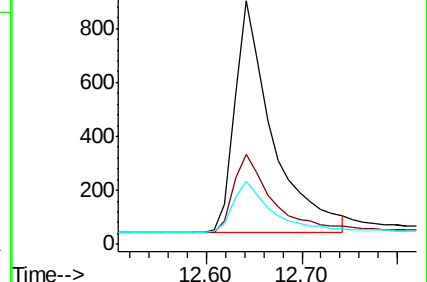
170 25.9 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BN010187.D

Acq: 11 Mar 2020 11:44

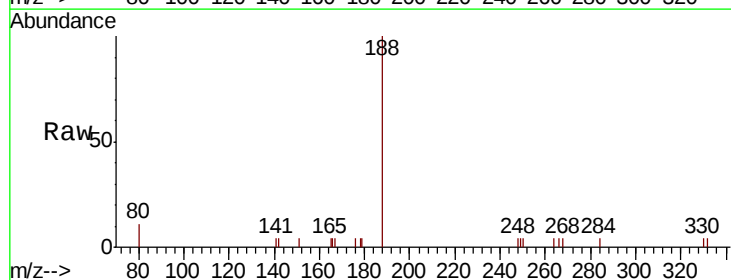
Tgt Ion:188 Resp: 3807

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

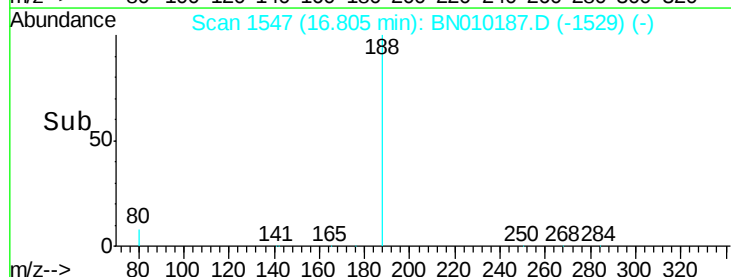
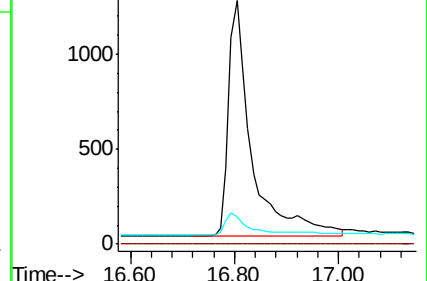
80 11.5 8.3 12.5

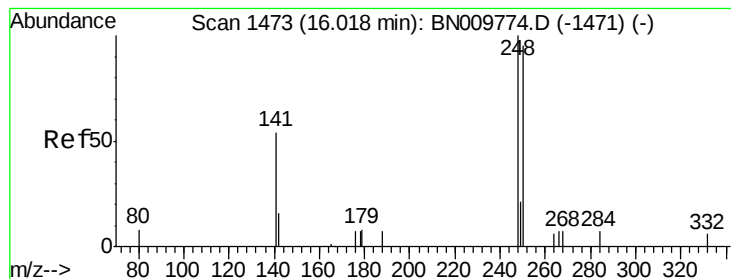


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.02 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BN010187.D

Acq: 11 Mar 2020 11:44

Instrument :

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RE139D2-20200306

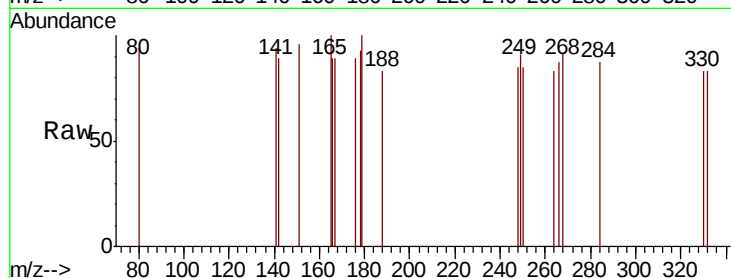
Tot Ion:248 Resp: 117

Ion Ratio Lower Upper

248 100

250 100.0 76.2 114.4

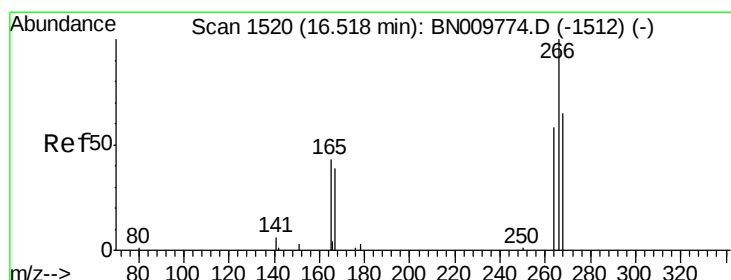
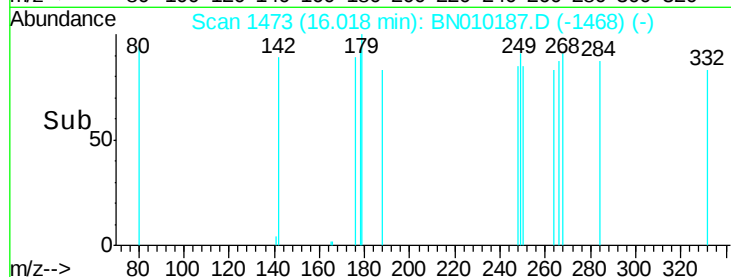
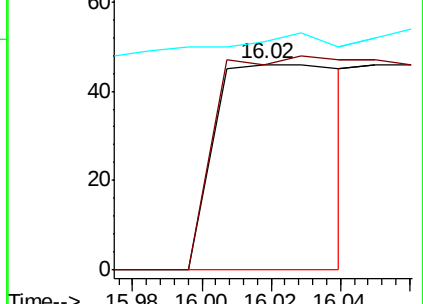
141 110.9 57.8 86.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#22

Pentachlorophenol

Concen: 0.191 ng

RT: 16.52 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BN010187.D

Acq: 11 Mar 2020 11:44

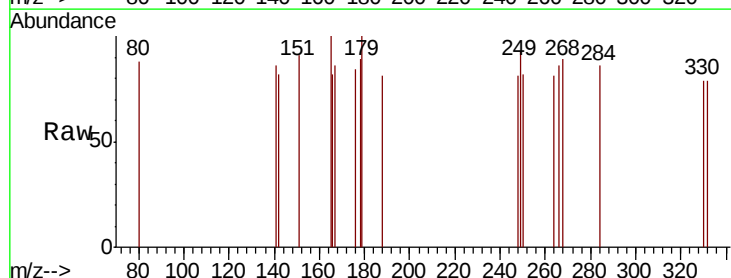
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 93.9 58.1 87.1#

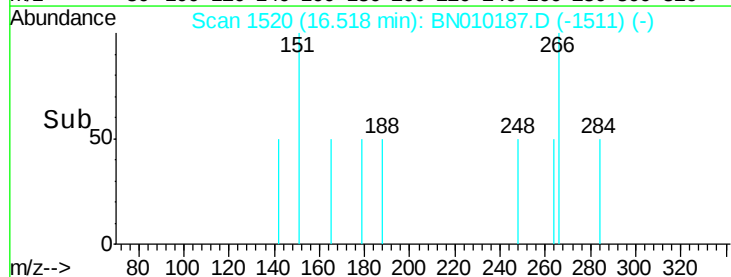
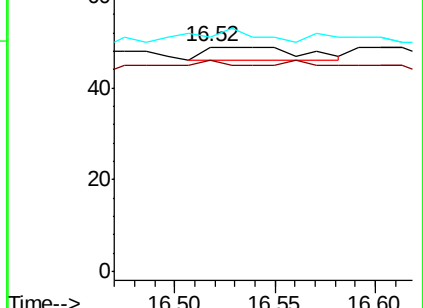
268 104.1 65.7 98.5#

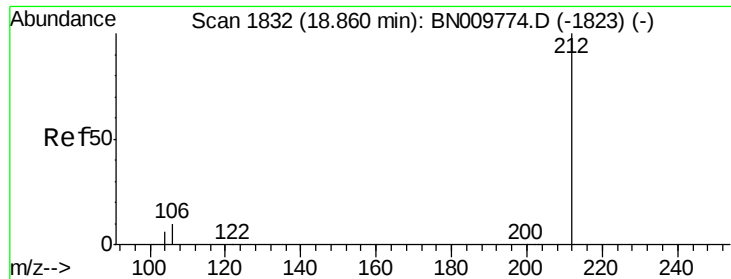


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

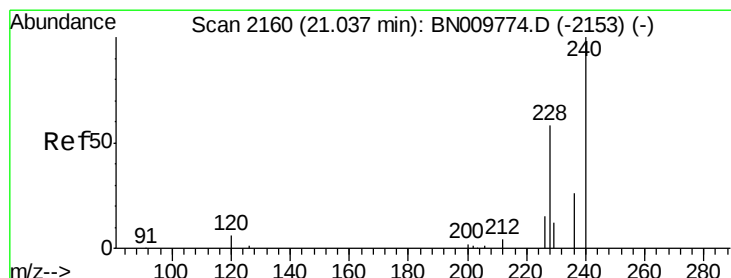
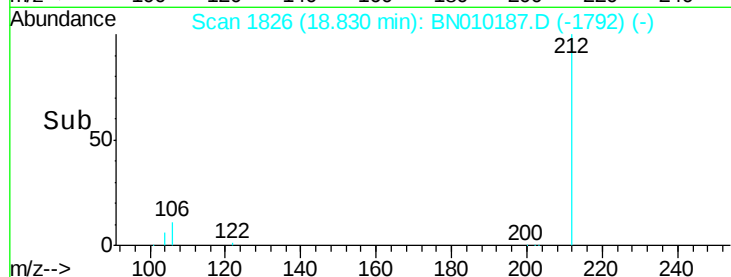
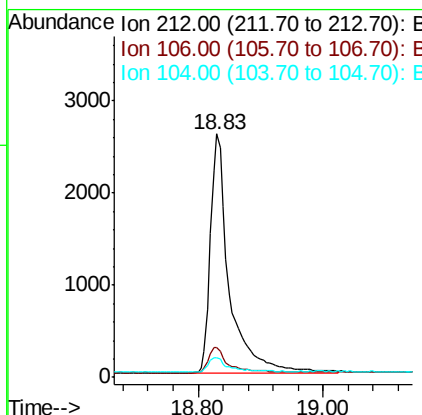
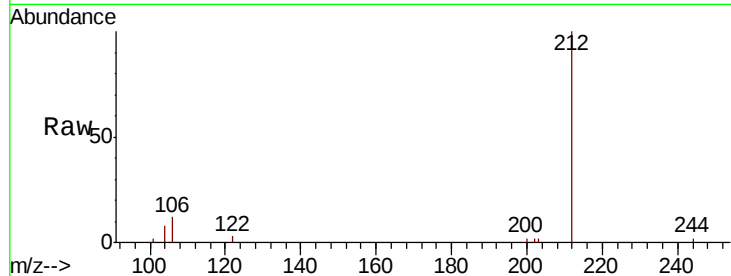




#25
 Fluoranthene-d10
 Concen: 0.418 ng
 RT: 18.83 min Scan# 1826
 Delta R.T. -0.03 min
 Lab File: BN010187.D
 Acq: 11 Mar 2020 11:44

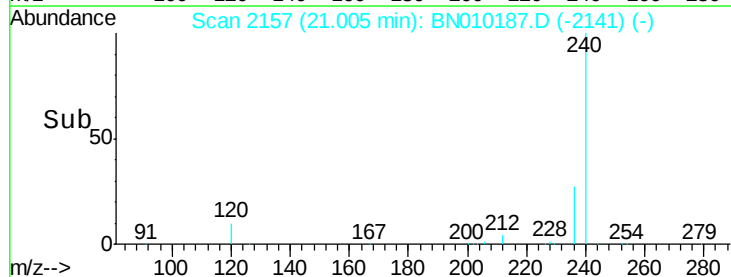
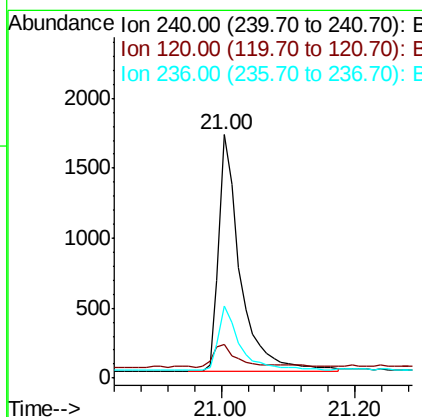
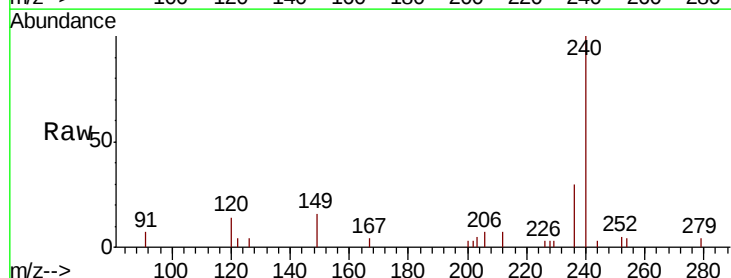
Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20200306

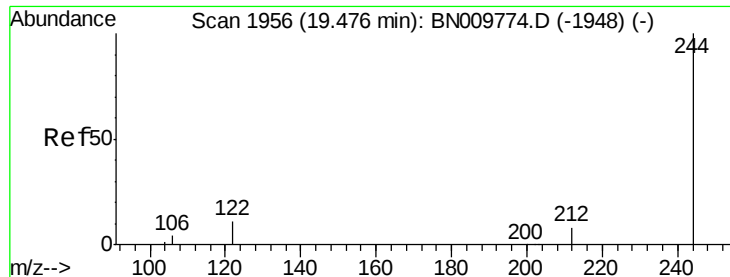
Tot Ion:212 Resp: 5503
 Ion Ratio Lower Upper
 212 100
 106 10.7 8.4 12.6
 104 6.6 4.8 7.2



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.00 min Scan# 2157
 Delta R.T. -0.03 min
 Lab File: BN010187.D
 Acq: 11 Mar 2020 11:44

Tgt Ion:240 Resp: 3779
 Ion Ratio Lower Upper
 240 100
 120 13.8 7.9 11.9#
 236 29.6 22.0 33.0





#29

Terphenyl-d14

Concen: 0.519 ng

RT: 19.43 min Scan# 1946

Delta R.T. -0.05 min

Lab File: BN010187.D

Acq: 11 Mar 2020 11:44

Instrument :

BNA_N

ClientSampleId :

RE139D2-20200306

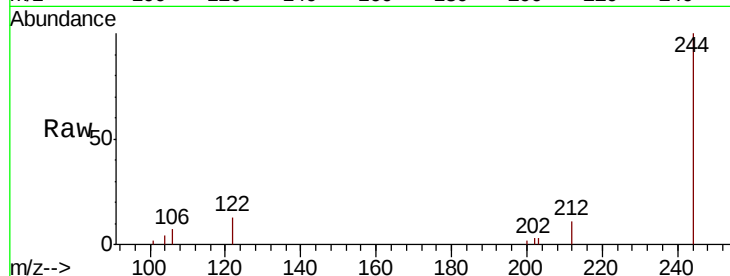
Tot Ion:244 Resp: 4686

Ion Ratio Lower Upper

244 100

212 10.9 8.0 12.0

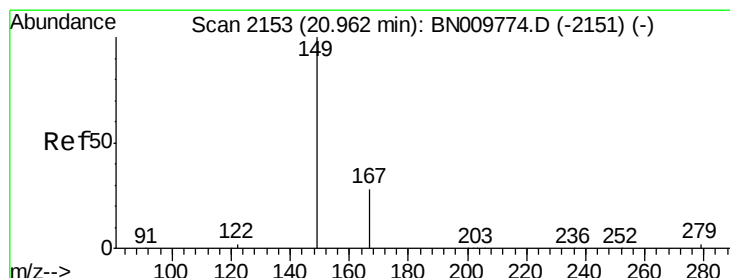
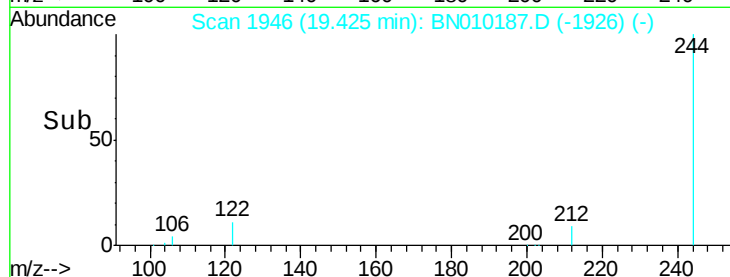
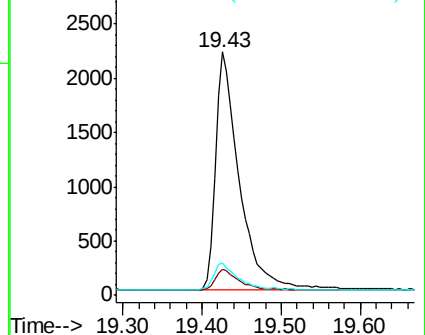
122 13.3 10.0 15.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.076 ng

RT: 20.92 min Scan# 2149

Delta R.T. -0.04 min

Lab File: BN010187.D

Acq: 11 Mar 2020 11:44

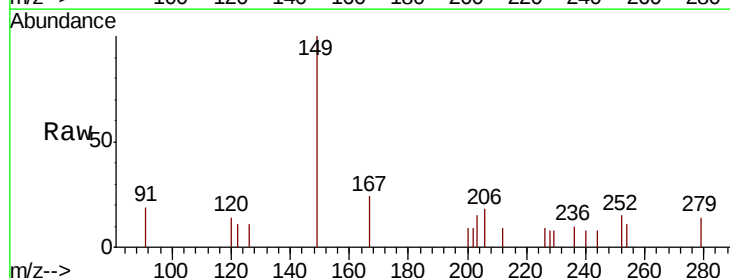
Tgt Ion:149 Resp: 463

Ion Ratio Lower Upper

149 100

167 19.9 22.7 34.1#

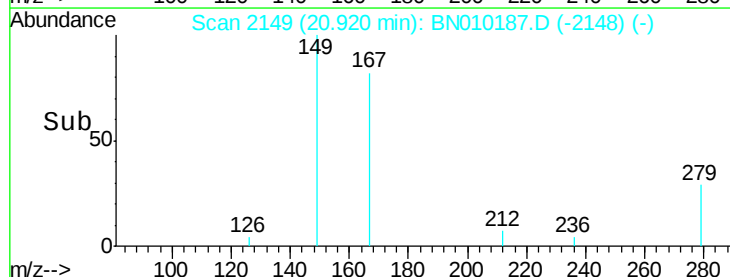
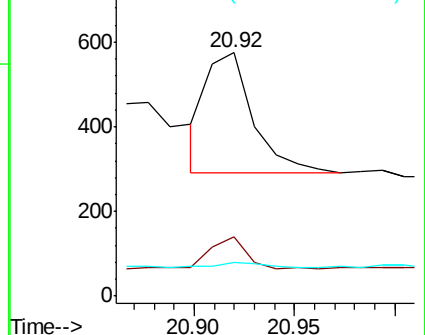
279 3.7 3.1 4.7

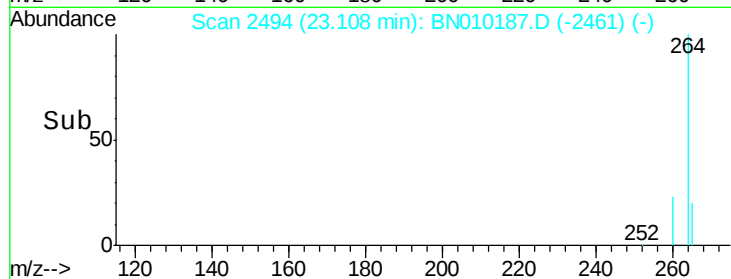
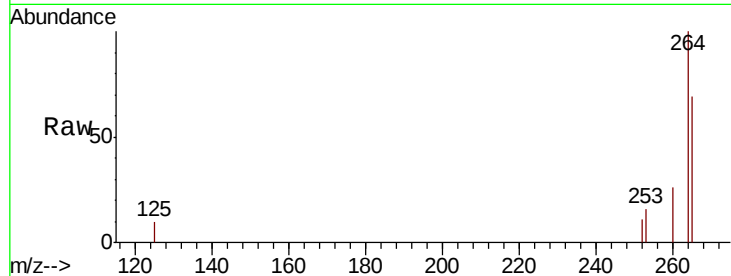
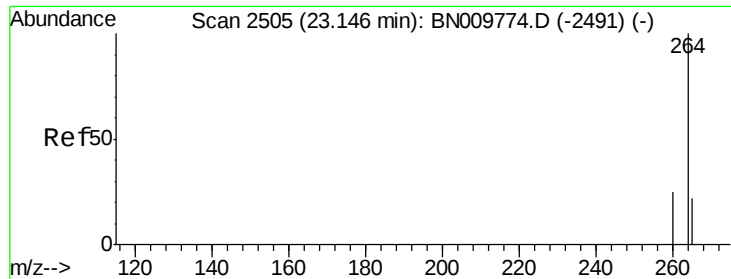


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.11 min Scan# 2494

Delta R.T. -0.04 min

Lab File: BN010187.D

Acq: 11 Mar 2020 11:44

Instrument :

BNA_N

ClientSampleId :

RE139D2-20200306

Tot Ion:264 Resp: 3470

Ion Ratio Lower Upper

264 100

260 25.6 21.1 31.7

265 68.5 57.5 86.3

