

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061720\
 Data File : BN010946.D
 Acq On : 17 Jun 2020 18:23
 Operator : CG/JU
 Sample : L2988-03DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20200608DL

Quant Time: Jun 17 18:54:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 13:14:12 2020
 Response via : Initial Calibration

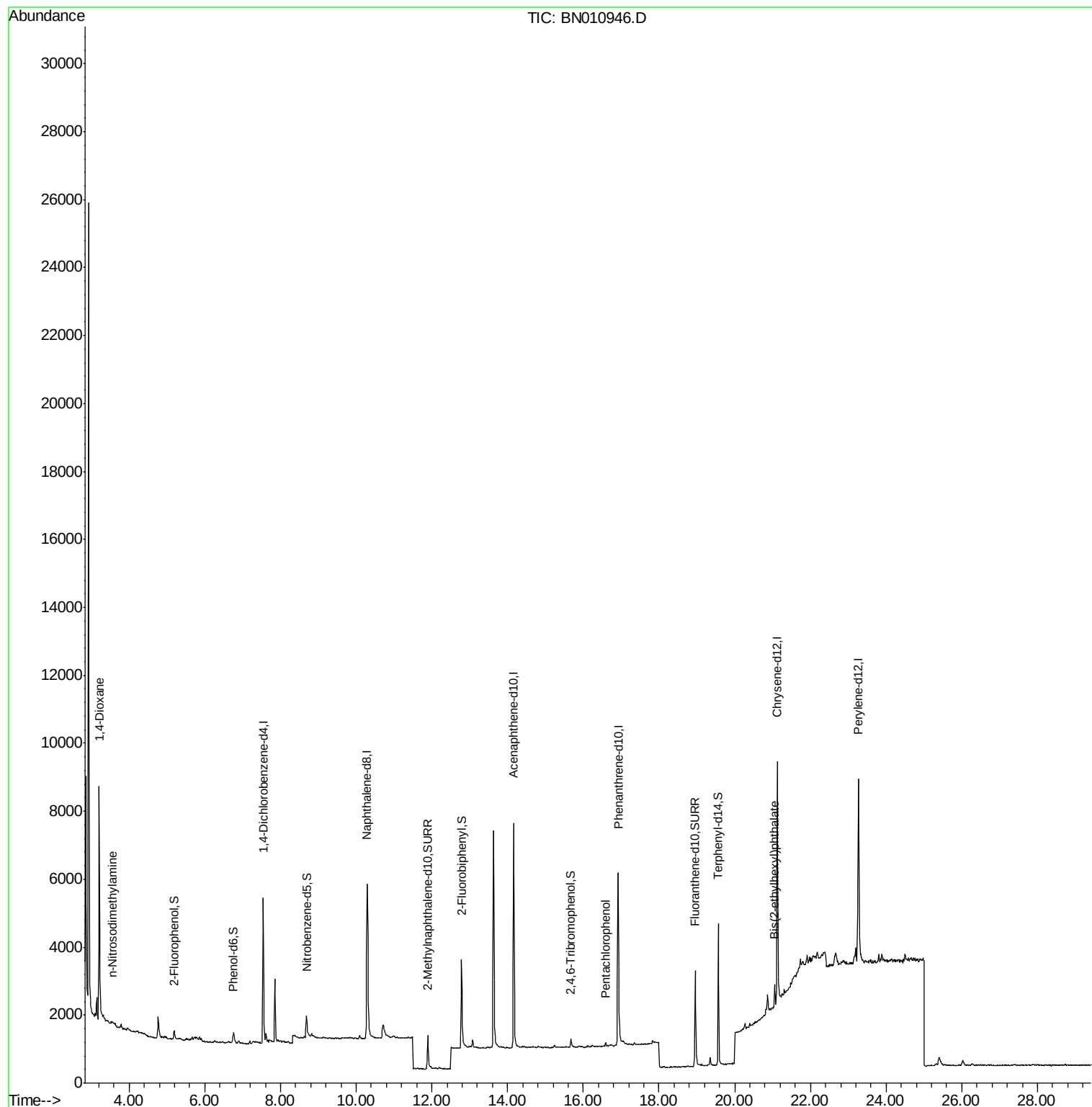
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2243	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	7638	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4185	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	10009	0.40	ng	0.01
27) Chrysene-d12	21.12	240	7809	0.40	ng	0.00
34) Perylene-d12	23.27	264	8091	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	285	0.07	ng	0.00
5) Phenol-d6	6.74	99	190	0.04	ng	0.00
8) Nitrobenzene-d5	8.69	82	1001	0.18	ng	0.01
11) 2-Methylnaphthalene-d10	11.89	152	1777	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	275	0.18	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	2887	0.17	ng	0.00
25) Fluoranthene-d10	18.95	212	4096	0.15	ng	0.00
29) Terphenyl-d14	19.56	244	4652	0.25	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	5588	2.543	ng	99
3) n-Nitrosodimethylamine	3.55	42	26	0.020	ng	# 1
22) Pentachlorophenol	16.59	266	84	0.040	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.06	149	666	0.087	ng	95

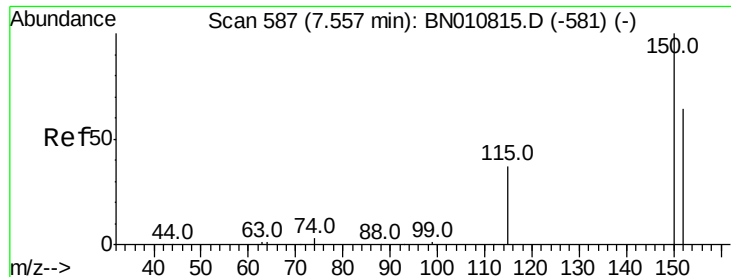
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 17 13:14:12 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.54 min Scan# 585

Delta R.T. -0.00 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200608DL

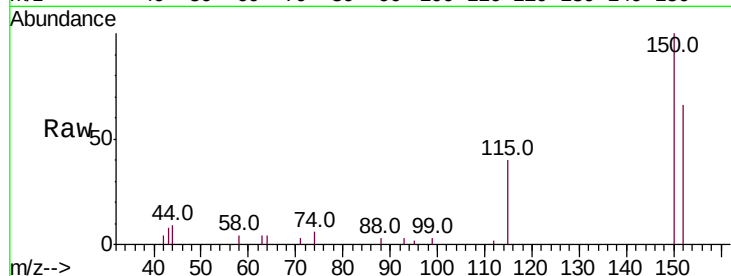
Tot Ion:152 Resp: 2243

Ion Ratio Lower Upper

152 100

150 151.6 123.8 185.6

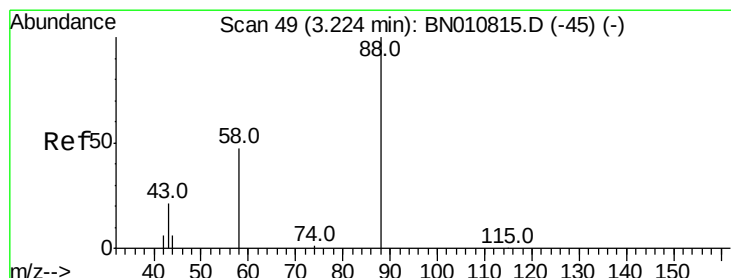
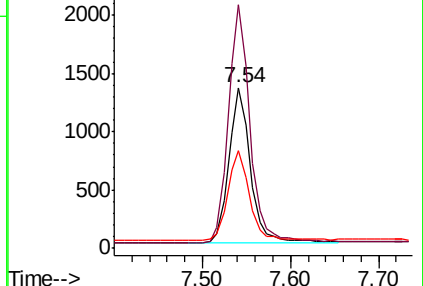
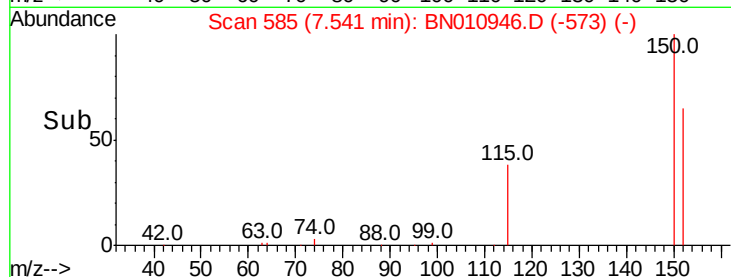
115 61.1 49.2 73.8



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



#2

1,4-Dioxane

Concen: 2.543 ng

RT: 3.21 min Scan# 47

Delta R.T. -0.01 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

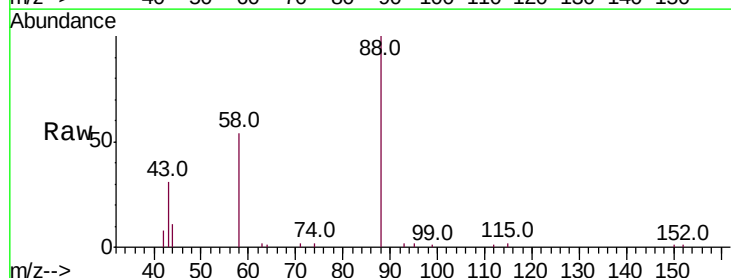
Tgt Ion: 88 Resp: 5588

Ion Ratio Lower Upper

88 100

58 48.5 38.2 57.4

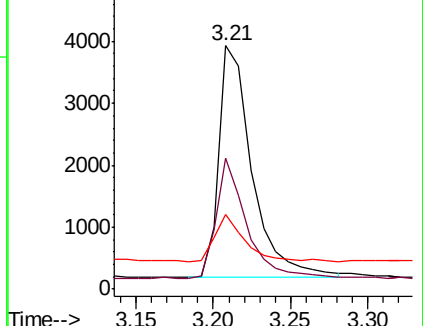
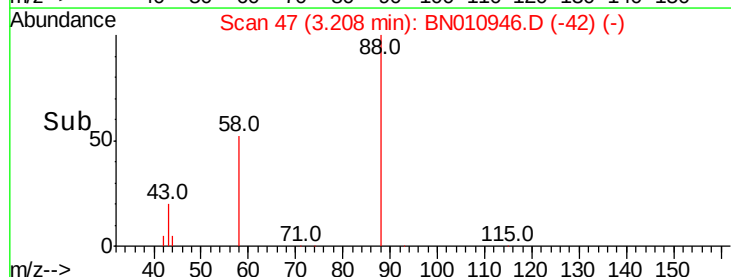
43 18.4 15.1 22.7

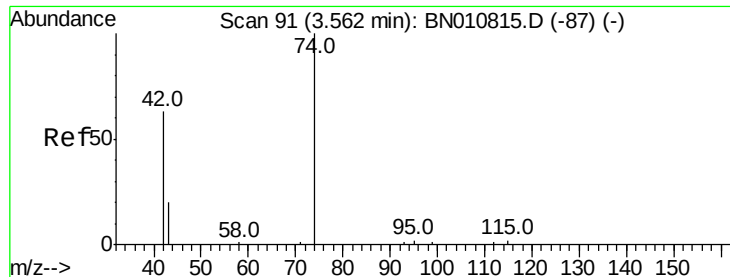


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.020 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.01 min

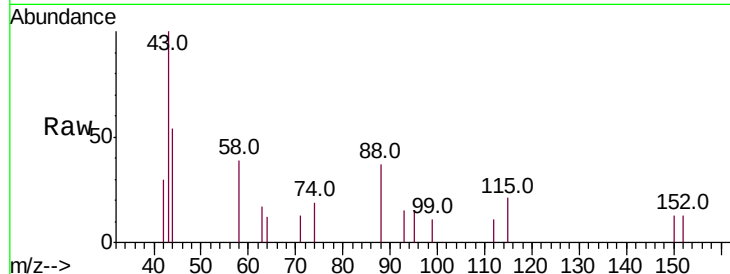
Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200608DL

Tot Ion: 42 Resp: 26

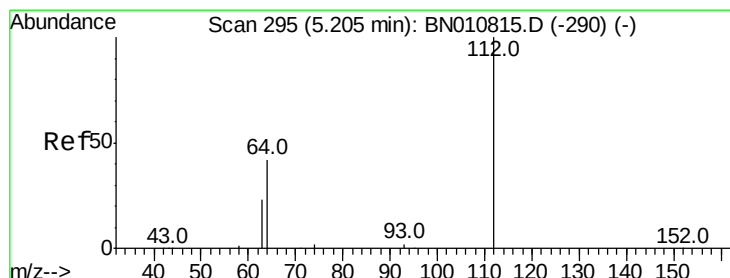
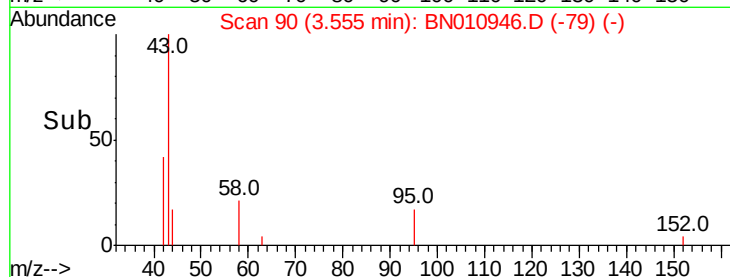
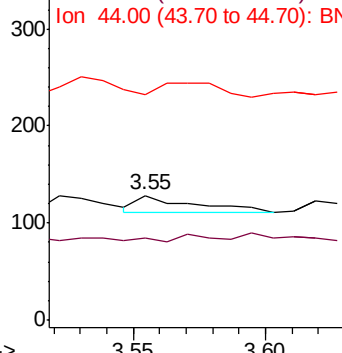
Ion	Ratio	Lower	Upper
42	100		
74	30.8	140.7	211.1#
44	88.5	1.4	2.2#



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: 0.066 ng

RT: 5.20 min Scan# 294

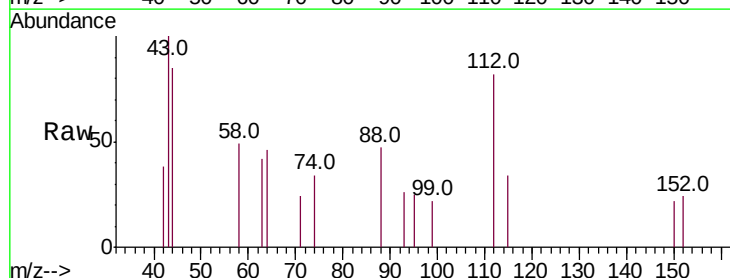
Delta R.T. 0.01 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

Tgt Ion: 112 Resp: 285

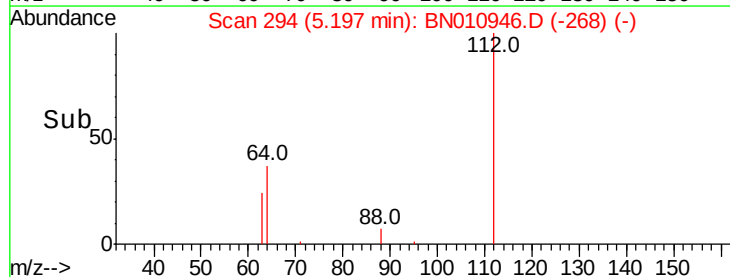
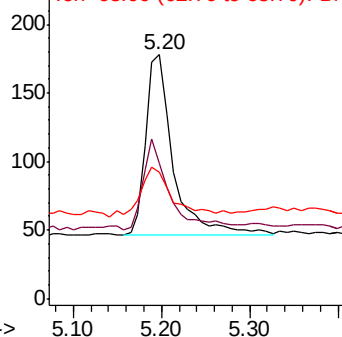
Ion	Ratio	Lower	Upper
112	100		
64	48.8	37.4	56.0
63	33.0	22.2	33.4

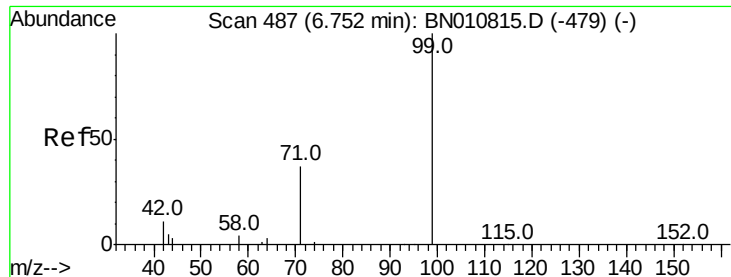


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.037 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200608DL

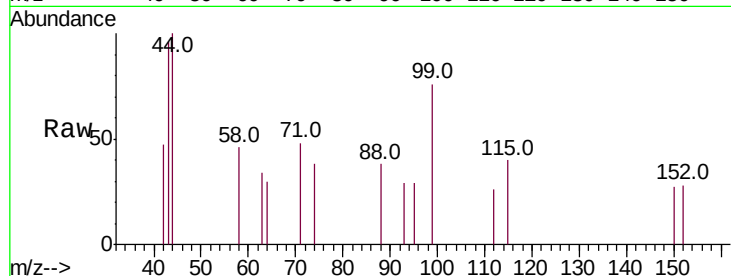
Tot Ion: 99 Resp: 190

Ion Ratio Lower Upper

99 100

42 22.6 11.1 16.7#

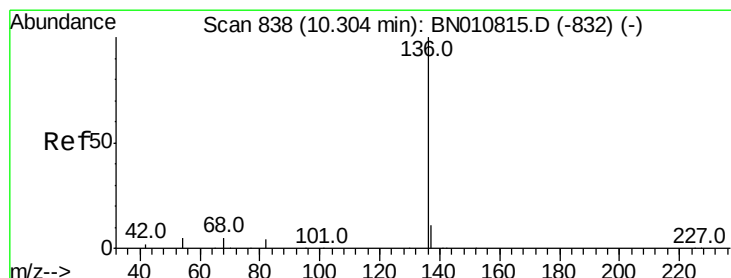
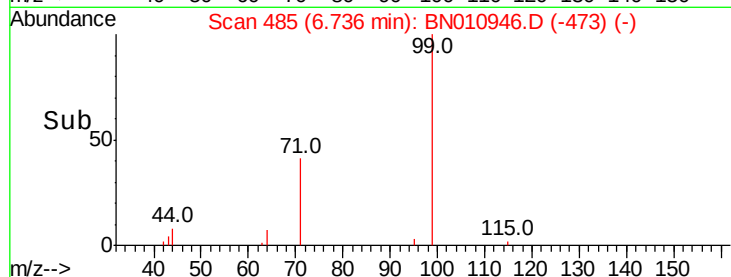
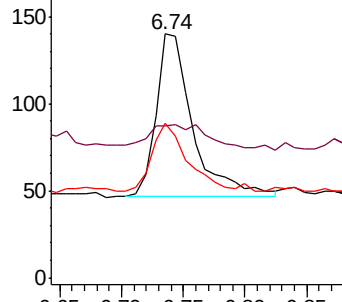
71 40.0 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

Tgt Ion: 136 Resp: 7638

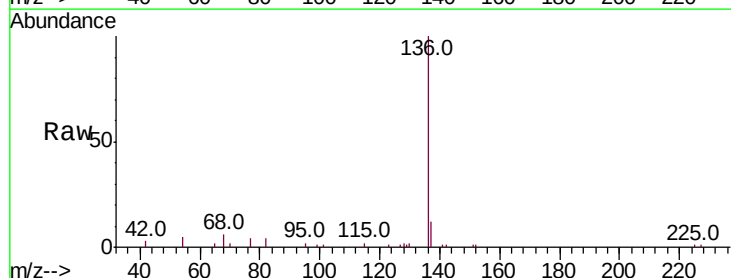
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 5.2 4.9 7.3

68 5.9 4.7 7.1

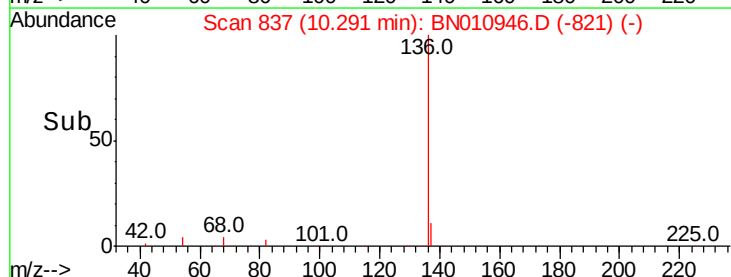
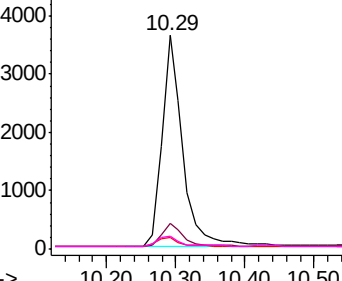


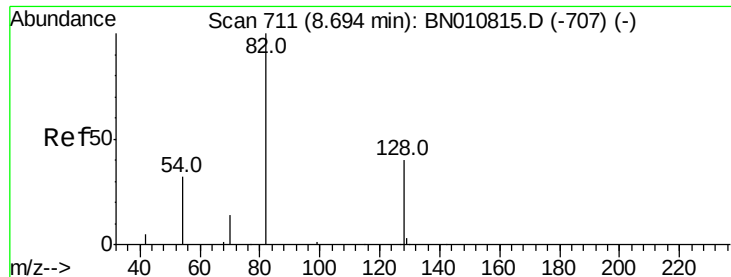
Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN010815.D (-832) (-)

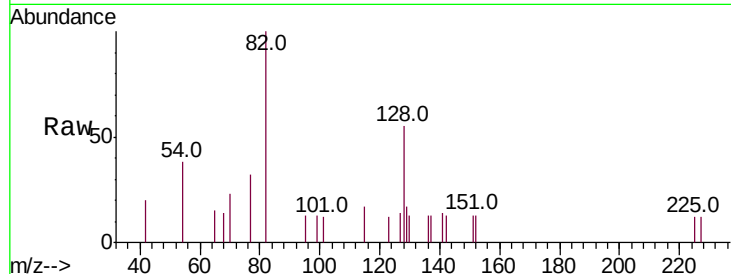




#8
 Nitrobenzene-d5
 Concen: 0.177 ng
 RT: 8.69 min Scan# 711
 Delta R.T. 0.01 min
 Lab File: BN010946.D
 Acq: 17 Jun 2020 18:23

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20200608DL

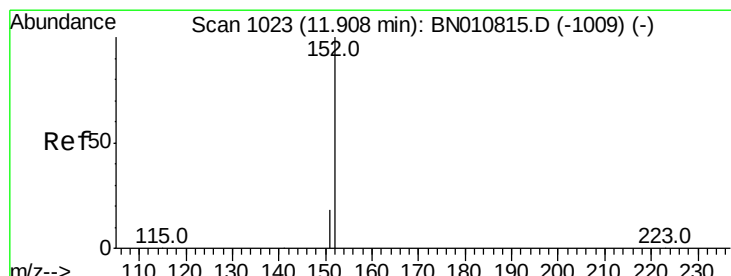
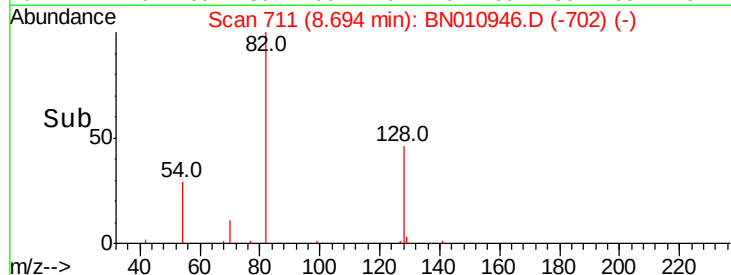
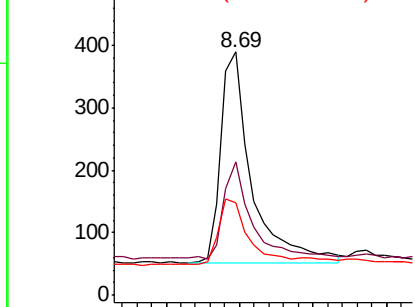
Tot Ion	82	Resp	1001
Ion	Ratio	Lower	Upper
82	100		
128	54.6	35.4	53.0#
54	37.9	28.2	42.4



Abundance Ion 82.00 (81.70 to 82.70): BN010815.D (-707) (-)

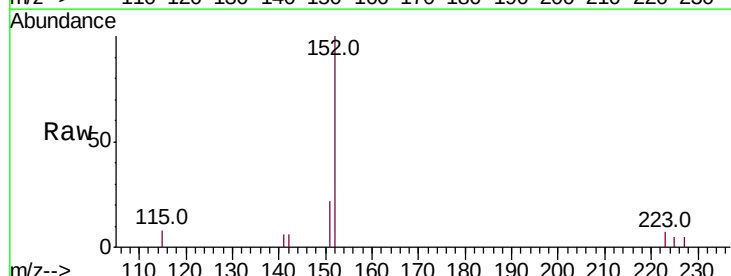
Ion 128.00 (127.70 to 128.70): BN010815.D (-707) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-707) (-)



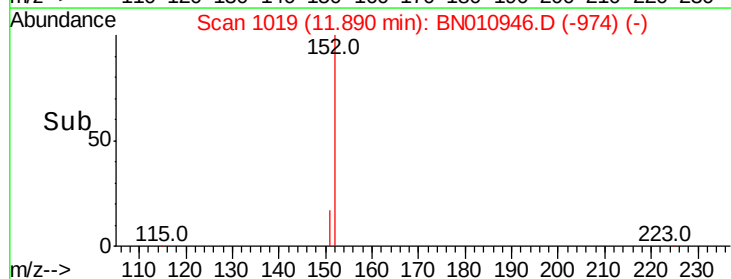
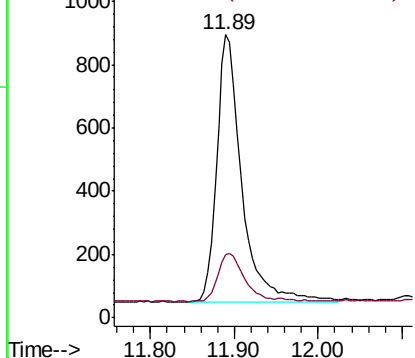
#11
 2-Methylnaphthalene-d10
 Concen: 0.150 ng
 RT: 11.89 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BN010946.D
 Acq: 17 Jun 2020 18:23

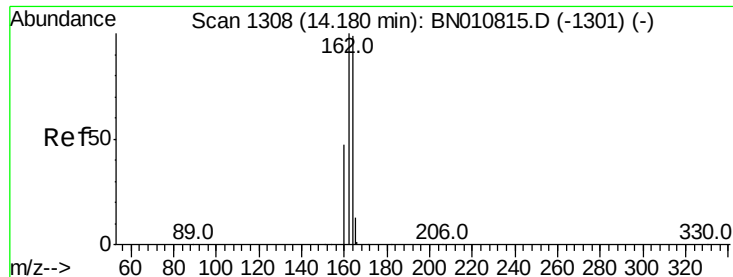
Tgt Ion	152	Resp	1777
Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.3	22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010815.D (-1009) (-)

Ion 151.00 (150.70 to 151.70): BN010815.D (-1009) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200608DL

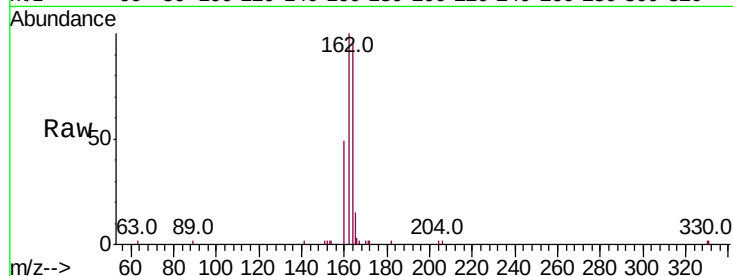
Tot Ion:164 Resp: 4185

Ion Ratio Lower Upper

164 100

162 104.4 81.0 121.6

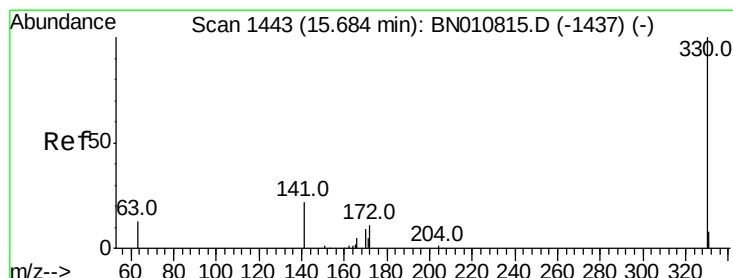
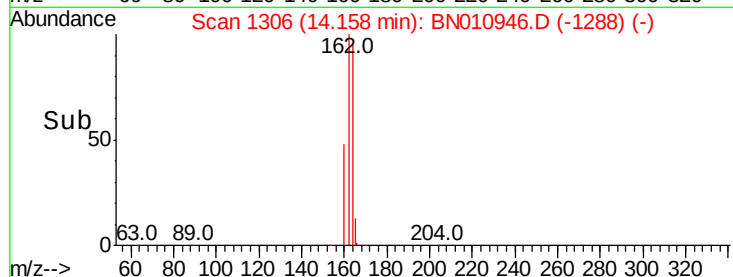
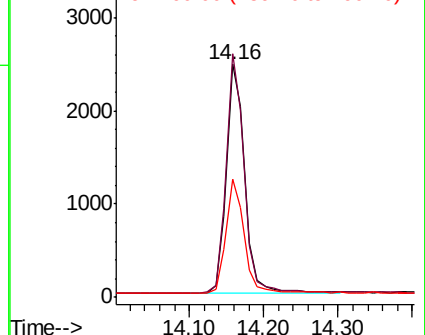
160 50.9 38.9 58.3



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: 0.184 ng

RT: 15.67 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

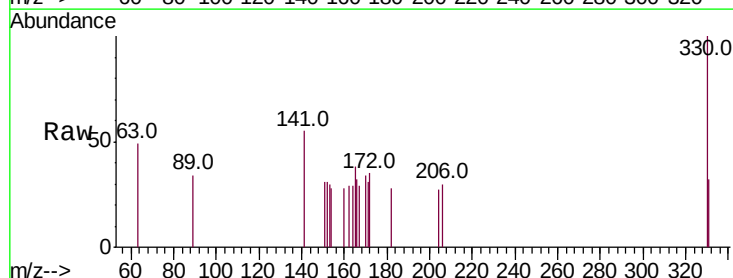
Tgt Ion:330 Resp: 275

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

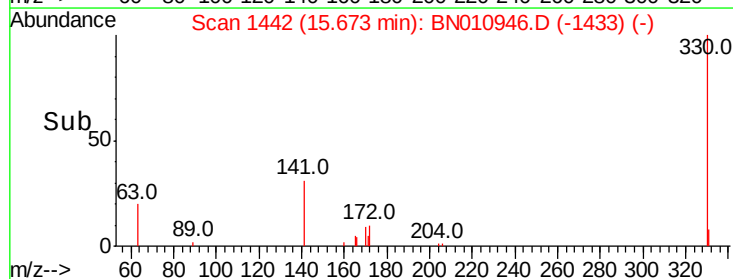
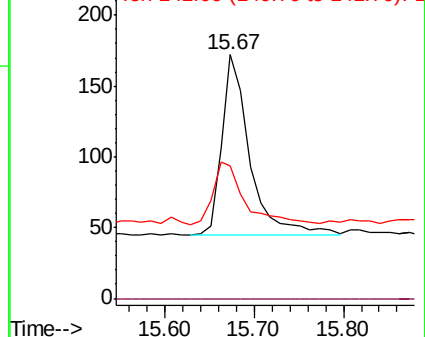
141 40.4 33.2 49.8

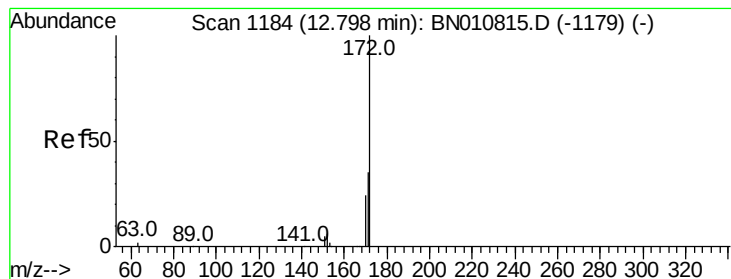


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.175 ng

RT: 12.79 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

Instrument :

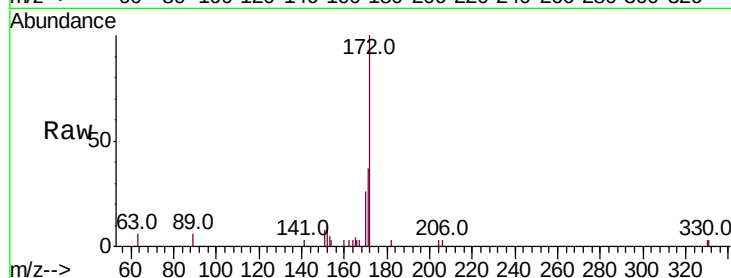
BNA_N

ClientSampleId :

RE132D2-20200608DL

Tot Ion:172 Resp: 2887

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.5	42.7
170	26.3	19.7	29.5

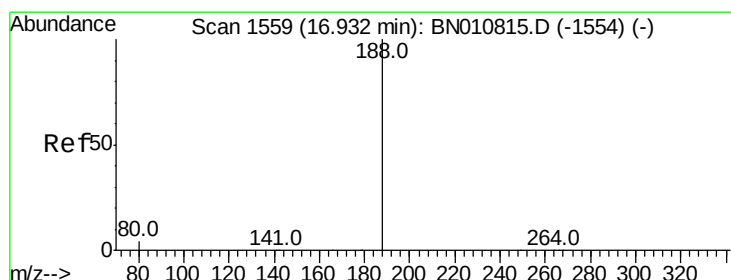
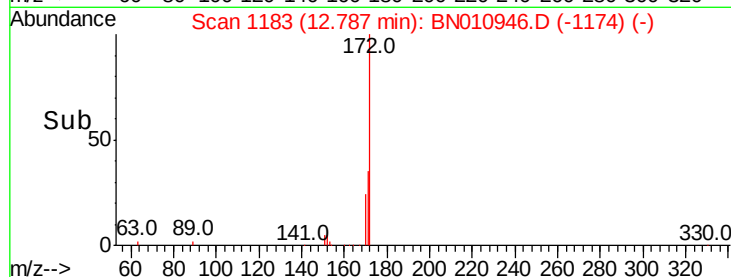
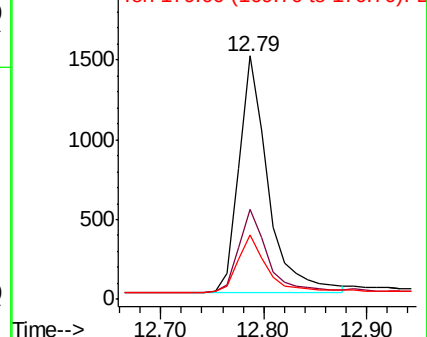


Abundance

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: 16.92 min Scan# 1558

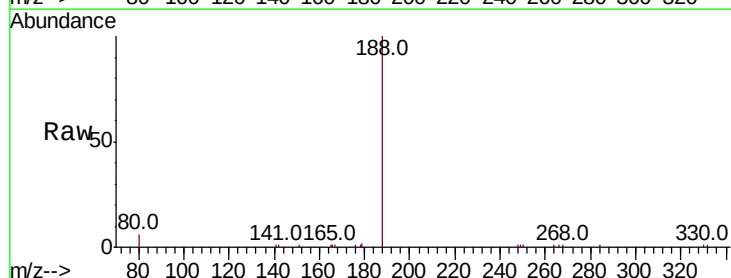
Delta R.T. 0.01 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

Tgt Ion:188 Resp: 10009

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	4.5	6.7

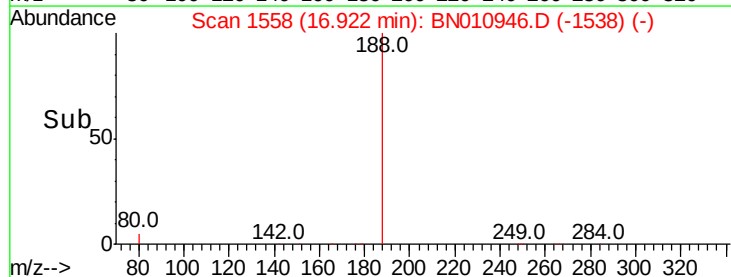
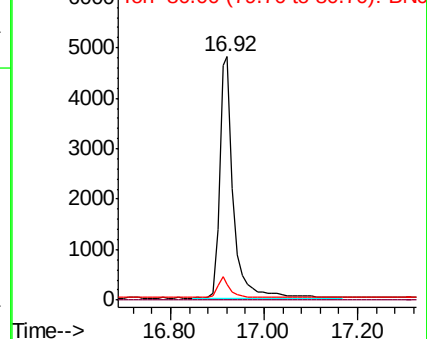


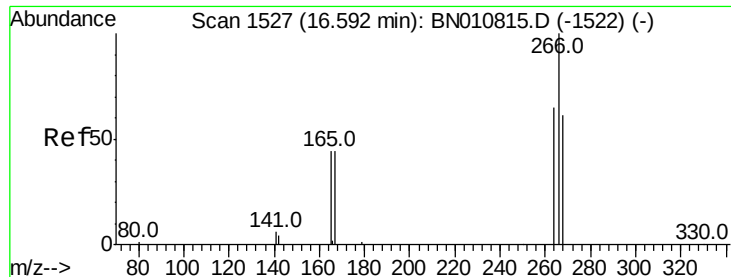
Abundance

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

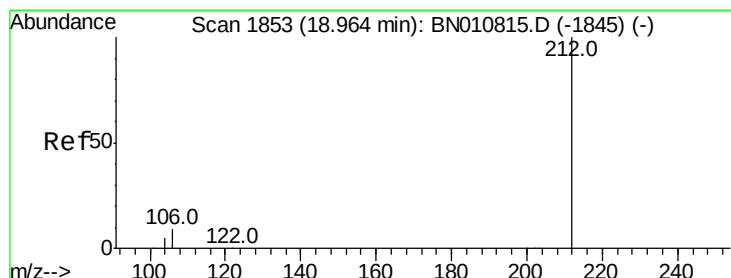
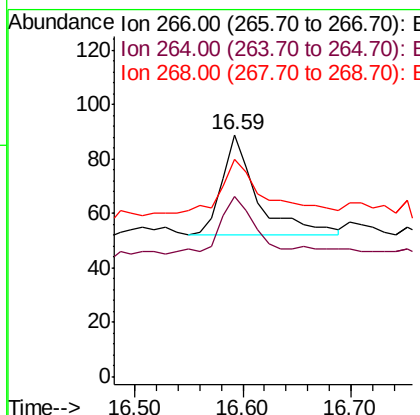
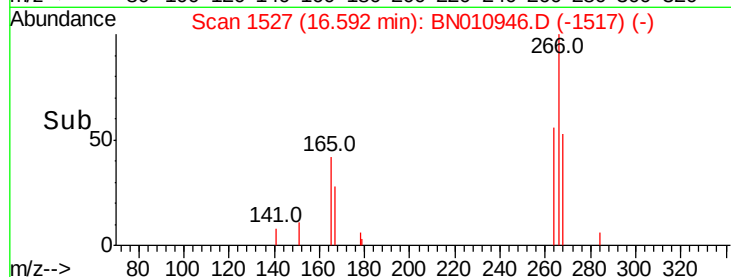
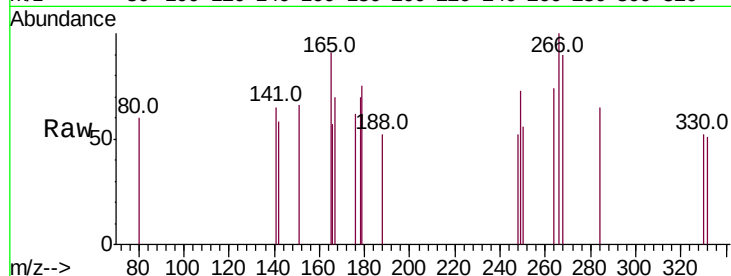




#22
 Pentachlorophenol
 Concen: 0.040 ng
 RT: 16.59 min Scan# 1527
 Delta R.T. 0.01 min
 Lab File: BN010946.D
 Acq: 17 Jun 2020 18:23

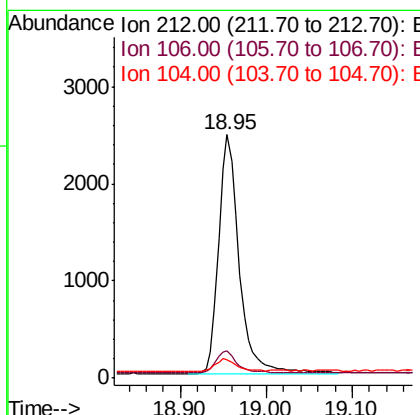
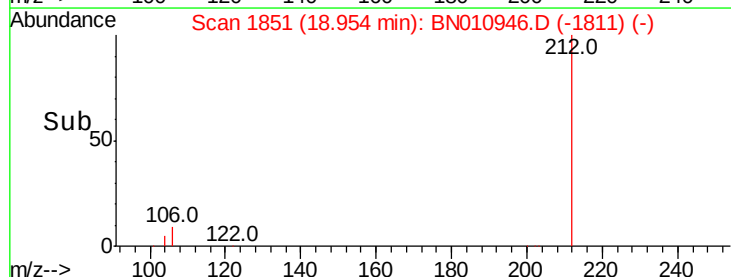
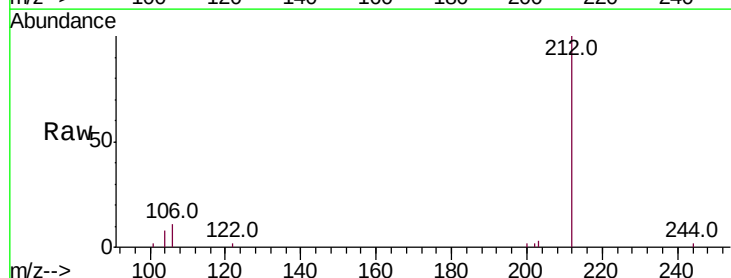
Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20200608DL

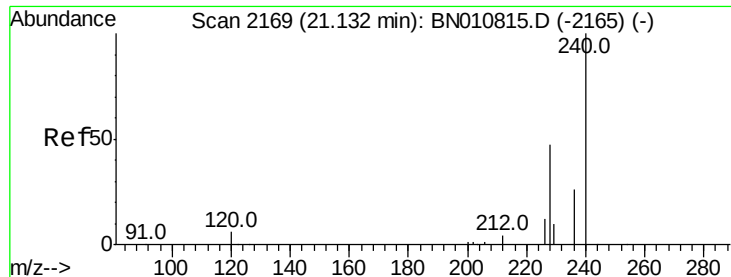
Tot Ion:266 Resp: 84
 Ion Ratio Lower Upper
 266 100
 264 74.2 54.8 82.2
 268 89.9 55.9 83.9#



#25
 Fluoranthene-d10
 Concen: 0.148 ng
 RT: 18.95 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BN010946.D
 Acq: 17 Jun 2020 18:23

Tgt Ion:212 Resp: 4096
 Ion Ratio Lower Upper
 212 100
 106 9.6 6.6 10.0
 104 5.3 4.0 6.0

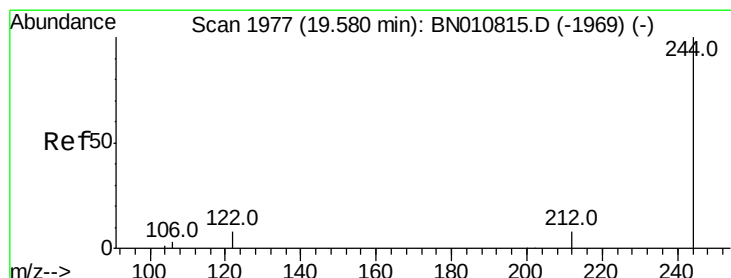
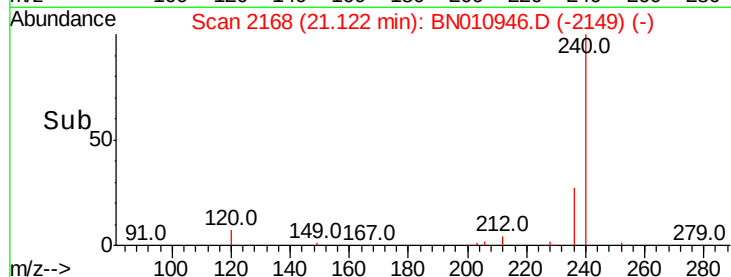
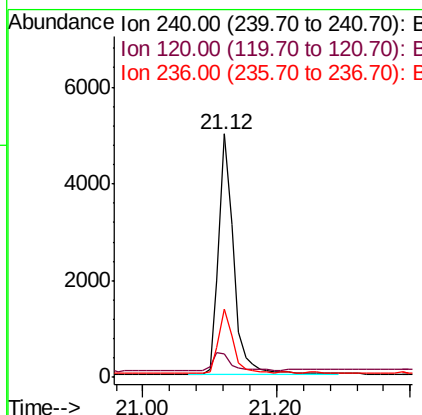
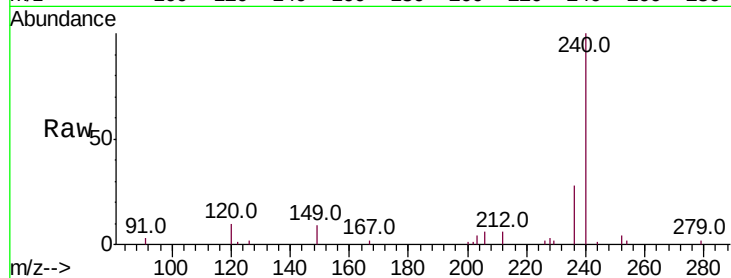




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010946.D
Acq: 17 Jun 2020 18:23

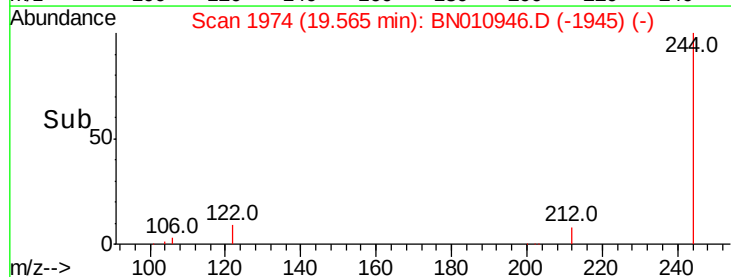
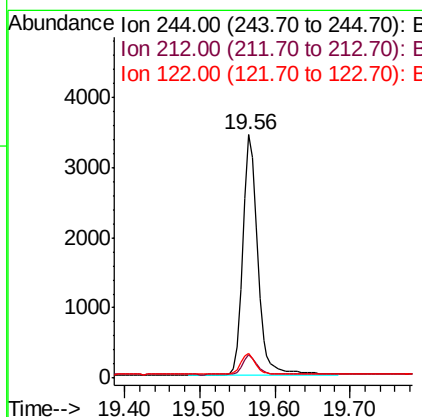
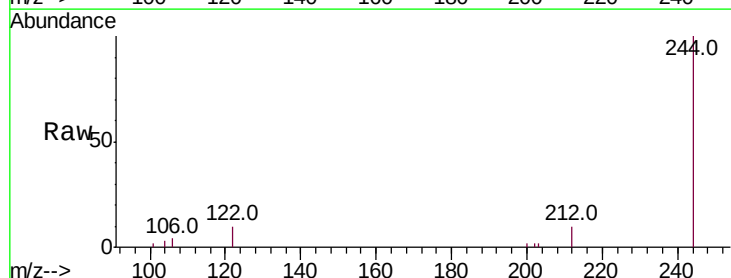
Instrument :
BNA_N
ClientSampleId :
RE132D2-20200608DL

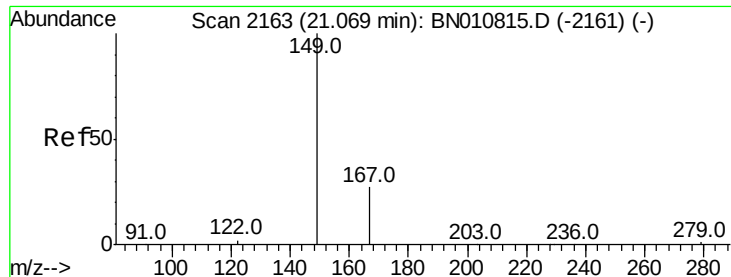
Tot Ion:240 Resp: 7809
Ion Ratio Lower Upper
240 100
120 9.8 7.5 11.3
236 28.1 22.3 33.5



#29
Terphenyl-d14
Concen: 0.255 ng
RT: 19.56 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BN010946.D
Acq: 17 Jun 2020 18:23

Tgt Ion:244 Resp: 4652
Ion Ratio Lower Upper
244 100
212 9.6 7.4 11.2
122 10.2 7.5 11.3





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.087 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200608DL

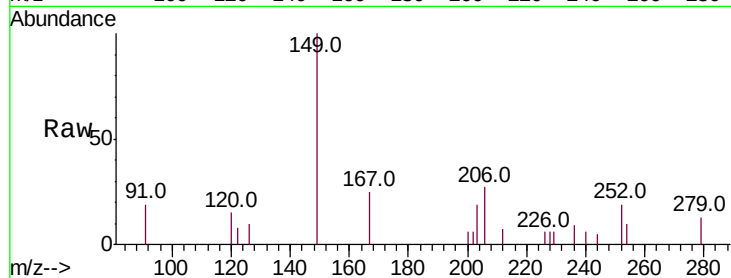
Tot Ion:149 Resp: 666

Ion Ratio Lower Upper

149 100

167 27.0 24.1 36.1

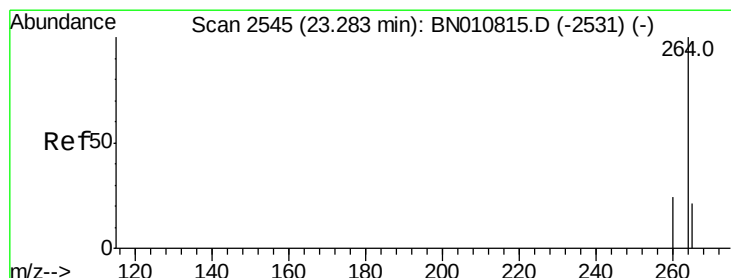
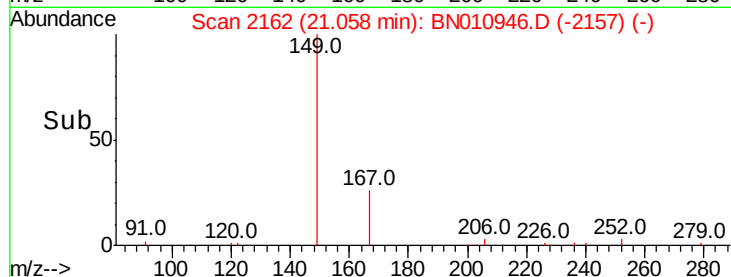
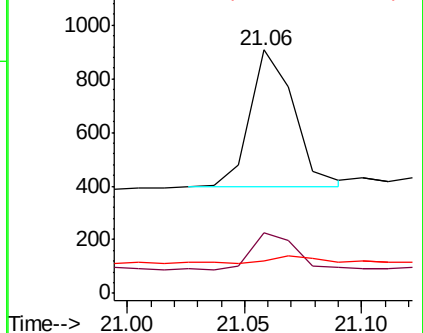
279 5.7 4.6 7.0



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

Perylene-d12

Concen: 0.400 ng

RT: 23.27 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BN010946.D

Acq: 17 Jun 2020 18:23

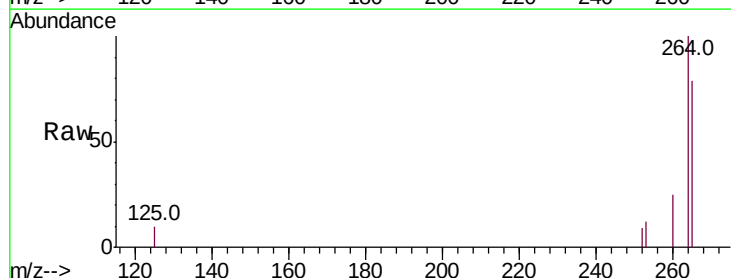
Tgt Ion:264 Resp: 8091

Ion Ratio Lower Upper

264 100

260 24.5 20.4 30.6

265 78.7 75.0 112.4



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

