

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\
 Data File : BN010924.D
 Acq On : 17 Jun 2020 02:43
 Operator : CG/JU
 Sample : L3011-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D3-20200611

Quant Time: Jun 17 05:04:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:49:35 2020
 Response via : Initial Calibration

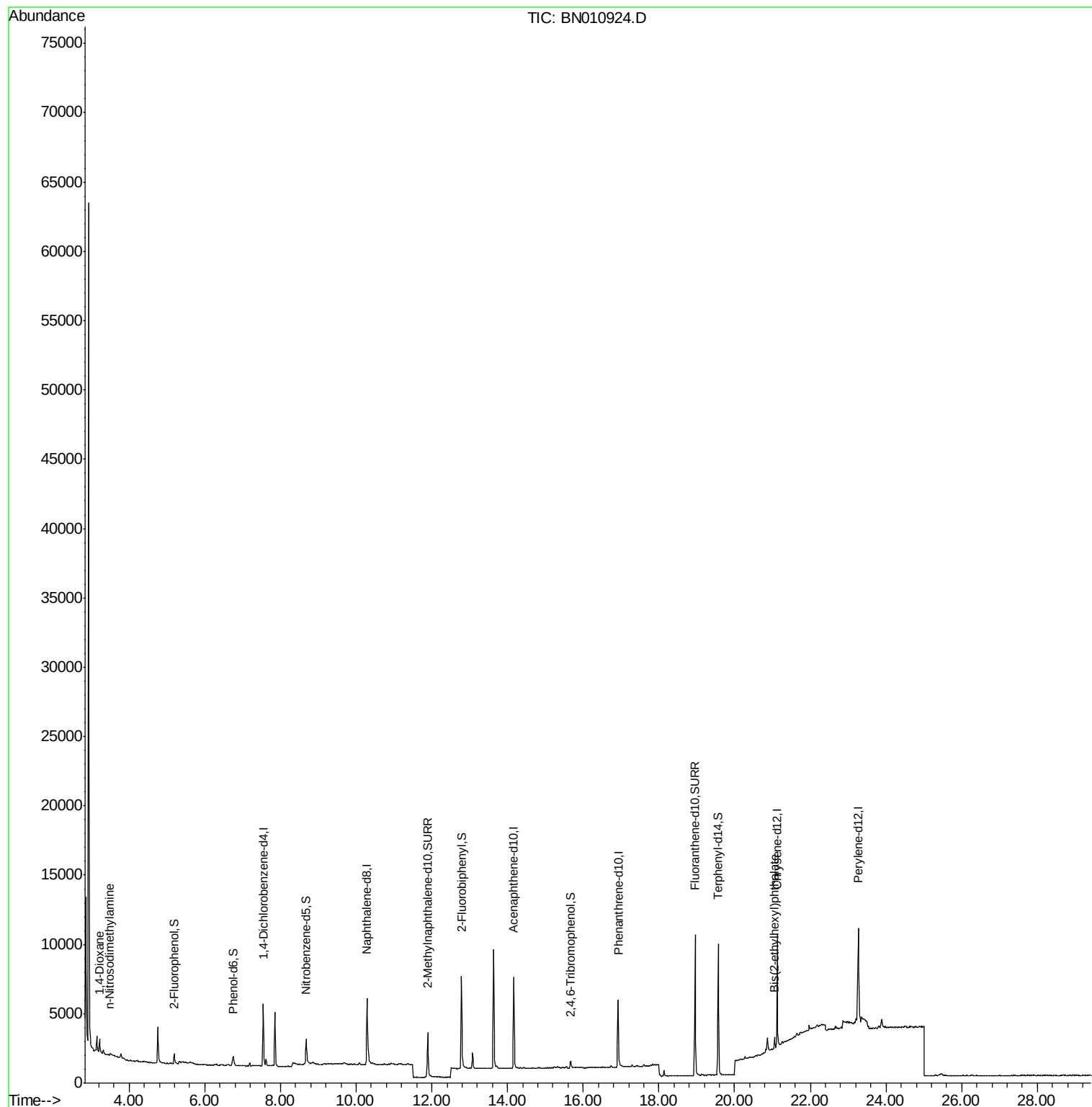
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2299	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	7843	0.40	ng	-0.01
13) Acenaphthene-d10	14.16	164	4235	0.40	ng	-0.01
19) Phenanthrene-d10	16.92	188	8953	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8640	0.40	ng	-0.01
34) Perylene-d12	23.27	264	9965	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	747	0.17	ng	0.00
5) Phenol-d6	6.74	99	523	0.10	ng	0.00
8) Nitrobenzene-d5	8.68	82	2214	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	5309	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	520	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	7006	0.42	ng	0.00
25) Fluoranthene-d10	18.95	212	13113	0.53	ng	0.00
29) Terphenyl-d14	19.56	244	9939	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	847	0.376	ng	# 87
3) n-Nitrosodimethylamine	3.48	42	90	0.069	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.06	149	774	0.091	ng	# 89

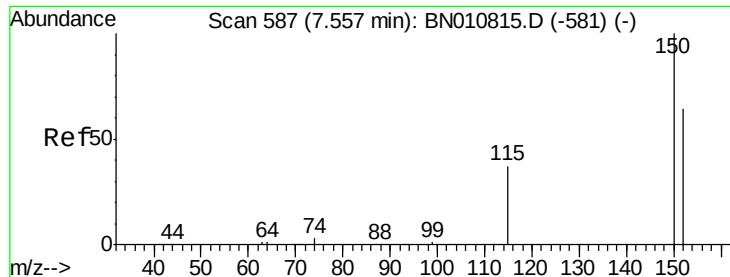
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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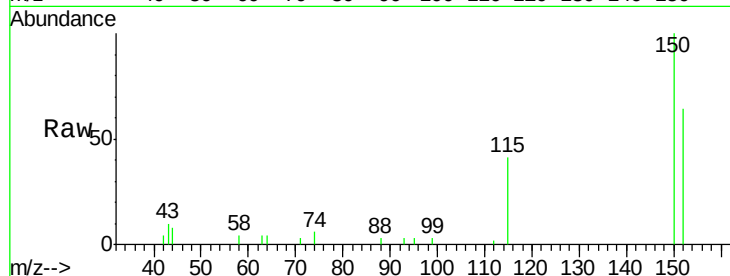


#1

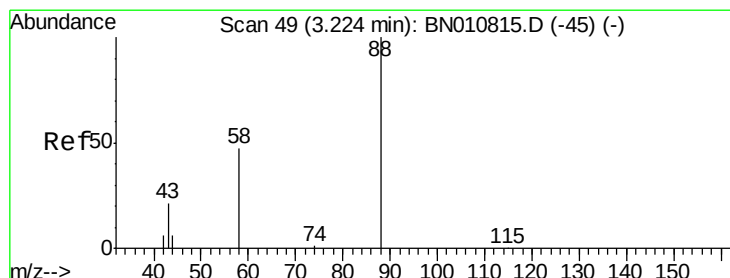
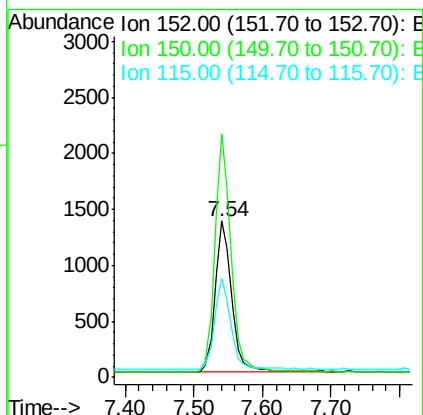
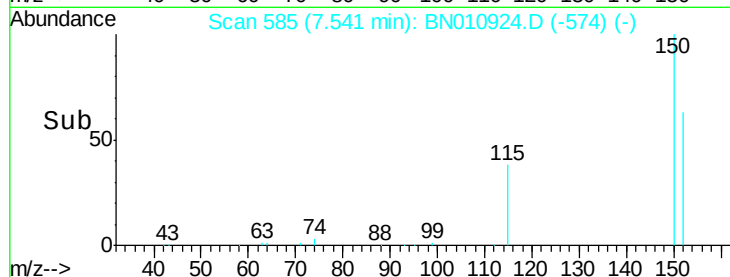
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010924.D
Acq: 17 Jun 2020 02:43

Instrument :
BNA_N
ClientSampleId :
RE126D3-20200611

Tot Ion:152 Resp: 2299
Ion Ratio Lower Upper
152 100
150 156.0 123.8 185.6
115 63.2 49.2 73.8



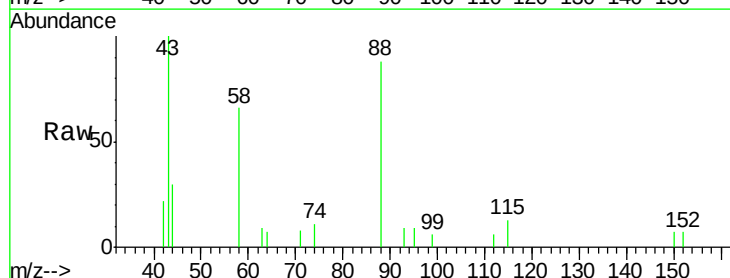
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



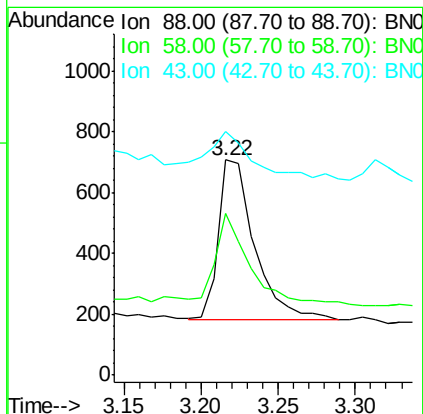
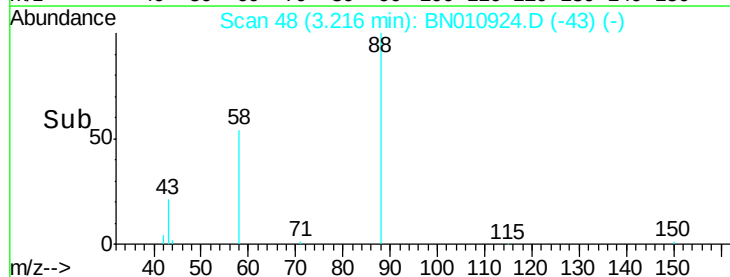
#2

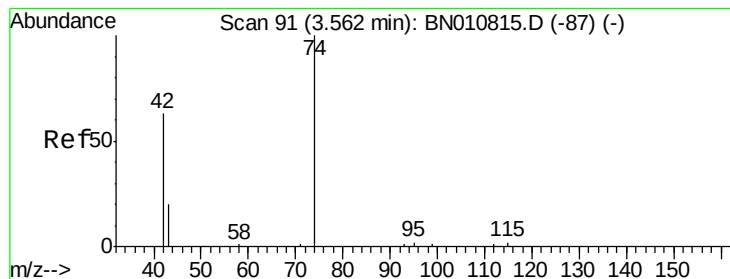
1,4-Dioxane
Concen: 0.376 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010924.D
Acq: 17 Jun 2020 02:43

Tgt Ion: 88 Resp: 847
Ion Ratio Lower Upper
88 100
58 48.6 38.2 57.4
43 38.5 15.1 22.7#



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





#3

n-Nitrosodimethylamine

Concen: 0.069 ng

RT: 3.48 min Scan# 81

Delta R.T. -0.06 min

Lab File: BN010924.D

Acq: 17 Jun 2020 02:43

Instrument :

BNA_N

ClientSampleId :

RE126D3-20200611

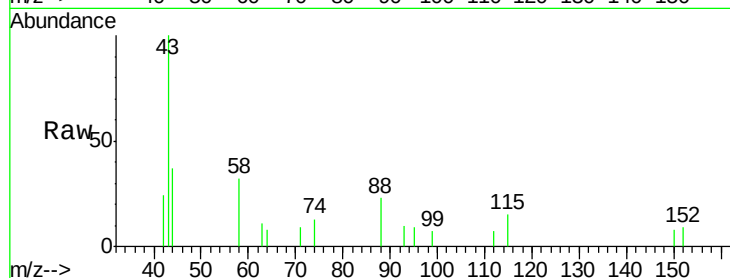
Tot Ion: 42 Resp: 90

Ion Ratio Lower Upper

42 100

74 6.7 140.7 211.1#

44 82.2 1.4 2.2#

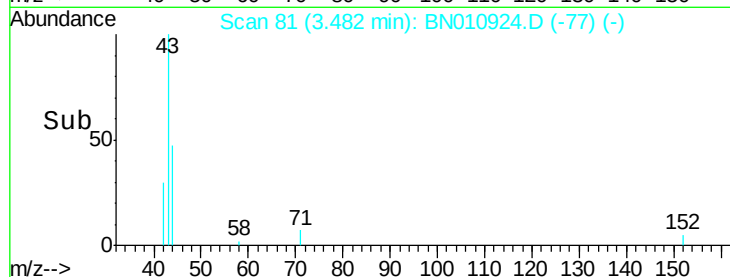


Abundance Ion 42.00 (41.70 to 42.70): BN010815.D (-87) (-)

Ion 74.00 (73.70 to 74.70): BN010815.D (-87) (-)

Ion 44.00 (43.70 to 44.70): BN010815.D (-87) (-)

Time-->

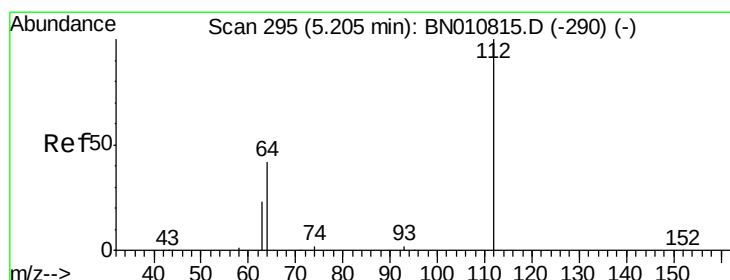


Abundance Ion 42.00 (41.70 to 42.70): BN010924.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BN010924.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BN010924.D (-77) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.168 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010924.D

Acq: 17 Jun 2020 02:43

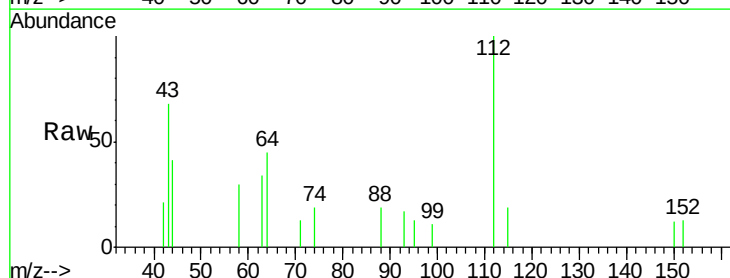
Tgt Ion: 112 Resp: 747

Ion Ratio Lower Upper

112 100

64 47.8 37.4 56.0

63 26.0 22.2 33.4

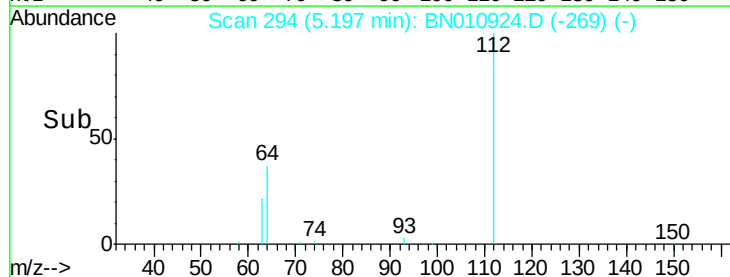


Abundance Ion 112.00 (111.70 to 112.70): BN010815.D (-290) (-)

Ion 64.00 (63.70 to 64.70): BN010815.D (-290) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-290) (-)

Time-->

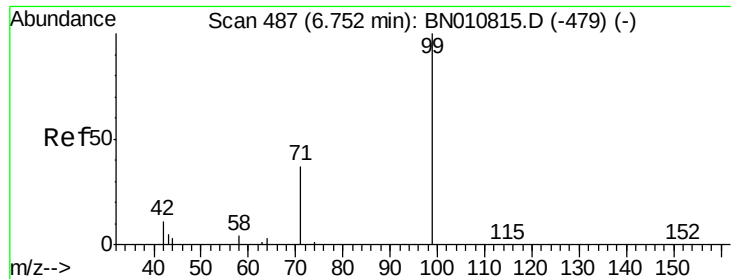


Abundance Ion 112.00 (111.70 to 112.70): BN010924.D (-269) (-)

Ion 64.00 (63.70 to 64.70): BN010924.D (-269) (-)

Ion 63.00 (62.70 to 63.70): BN010924.D (-269) (-)

Time-->



#5

Phenol-d6

Concen: 0.100 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.01 min

Lab File: BN010924.D

Acq: 17 Jun 2020 02:43

Instrument :

BNA_N

ClientSampleId :

RE126D3-20200611

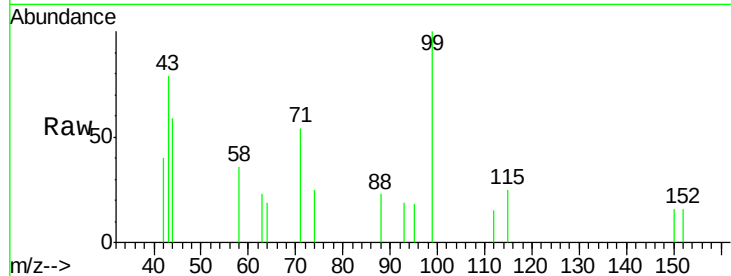
Tot Ion: 99 Resp: 523

Ion Ratio Lower Upper

99 100

42 17.4 11.1 16.7#

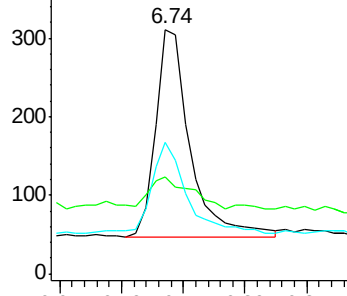
71 43.0 31.4 47.2



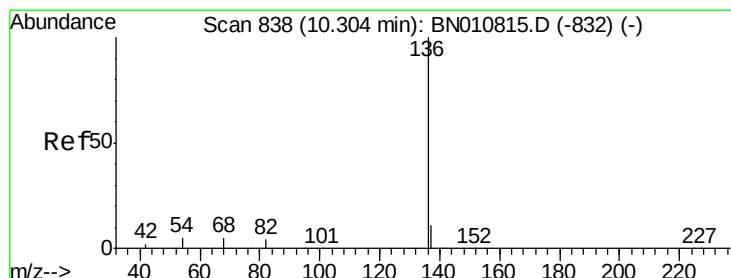
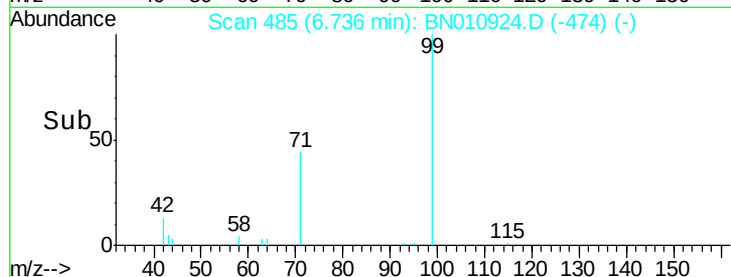
Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

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

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



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010924.D

Acq: 17 Jun 2020 02:43

Tgt Ion: 136 Resp: 7843

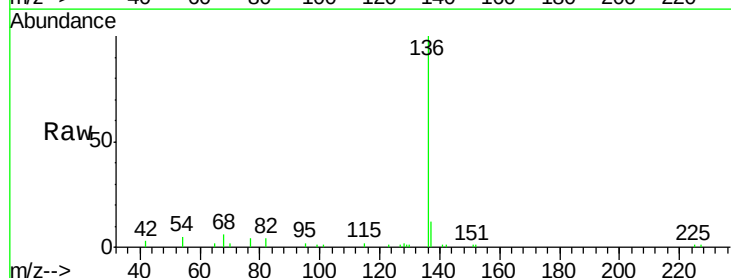
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 5.3 4.9 7.3

68 5.9 4.7 7.1

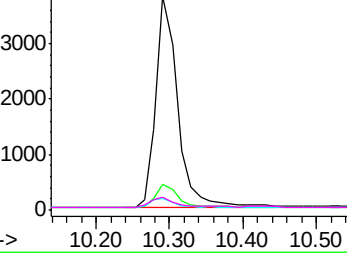


Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

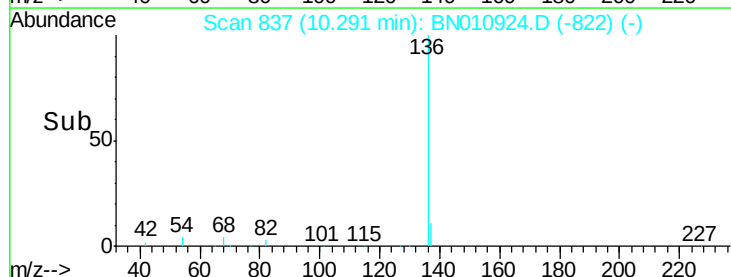
Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

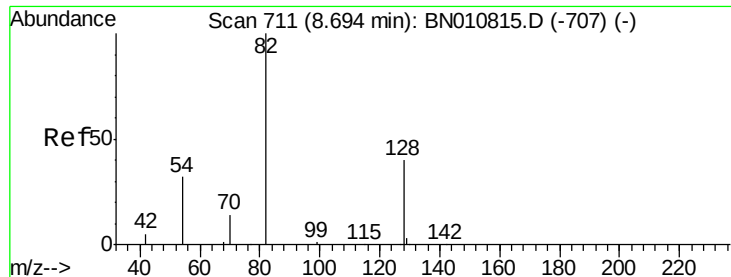
Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

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



Time-->

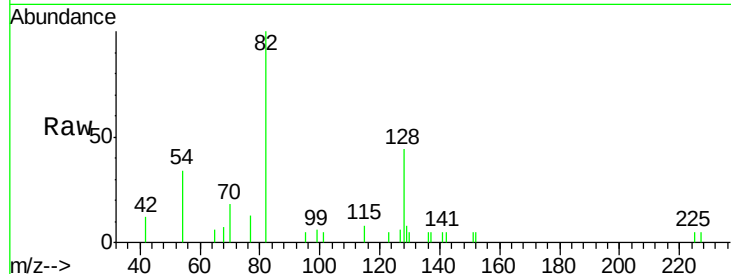




#8
 Nitrobenzene-d5
 Concen: 0.381 ng
 RT: 8.68 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BN010924.D
 Acq: 17 Jun 2020 02:43

Instrument :
 BNA_N
 ClientSampleId :
 RE126D3-20200611

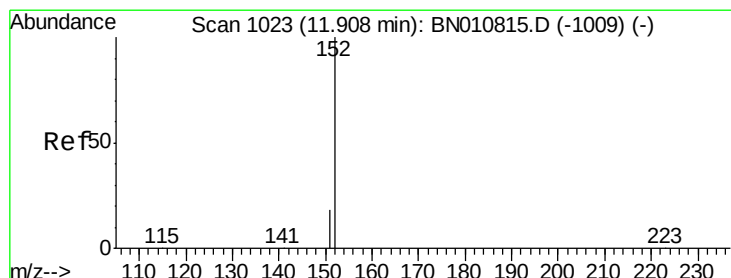
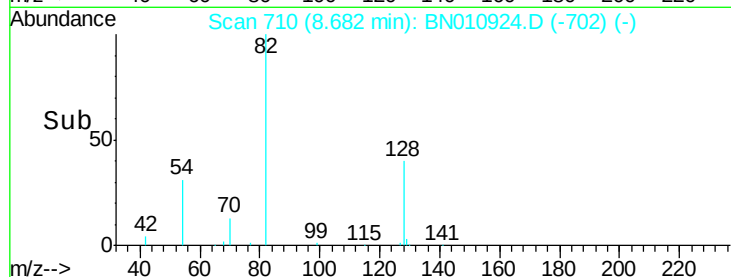
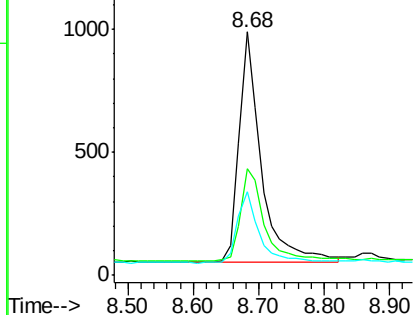
Tot Ion	82	Resp	2214
Ion Ratio	Lower	Upper	
82	100		
128	43.8	35.4	53.0
54	34.2	28.2	42.4



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

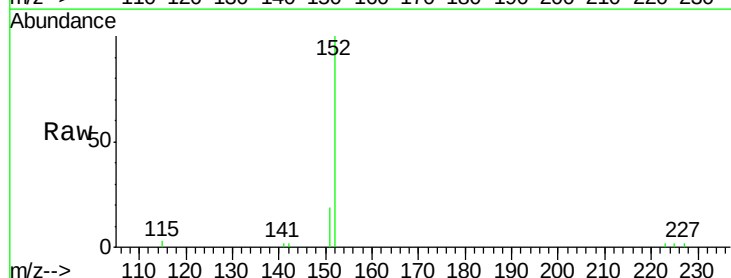
Ion 128.00 (127.70 to 128.70): BN010815.D (-707) (-)

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



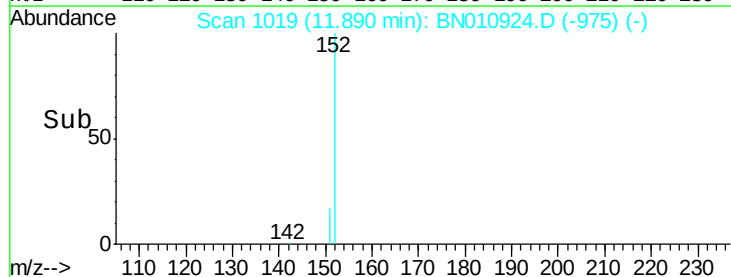
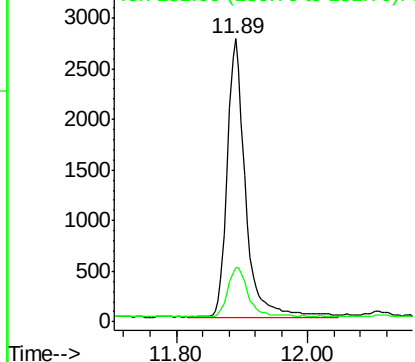
#11
 2-Methylnaphthalene-d10
 Concen: 0.436 ng
 RT: 11.89 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BN010924.D
 Acq: 17 Jun 2020 02:43

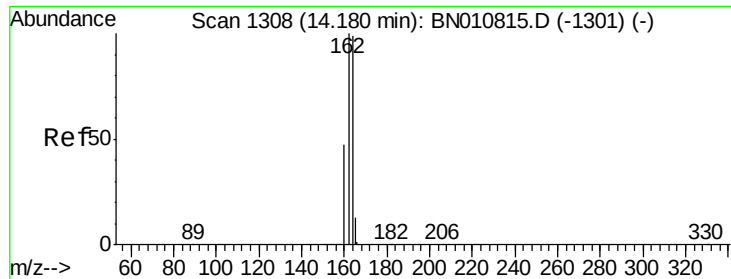
Tgt Ion	152	Resp	5309
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.3	22.9



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. -0.01 min

Lab File: BN010924.D

Acq: 17 Jun 2020 02:43

Instrument :

BNA_N

ClientSampleId :

RE126D3-20200611

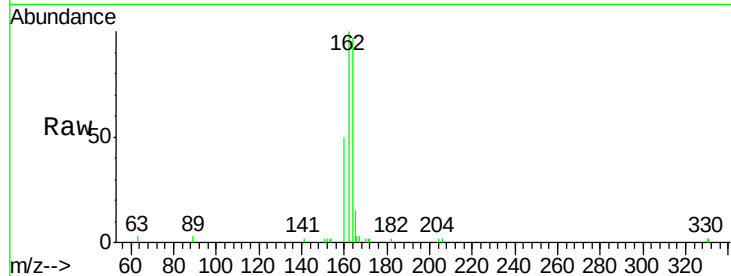
Tot Ion:164 Resp: 4235

Ion Ratio Lower Upper

164 100

162 103.2 81.0 121.6

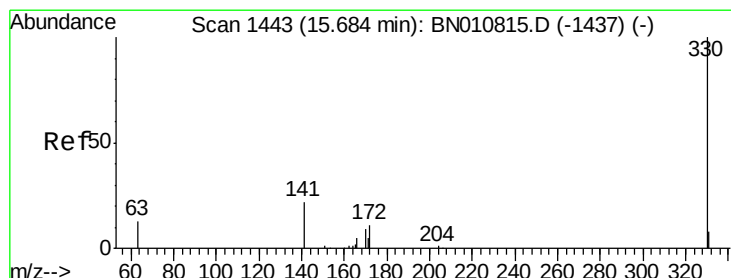
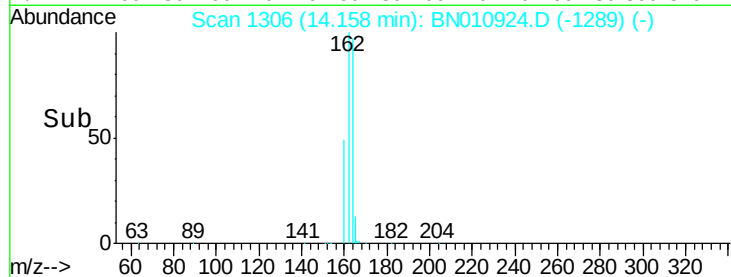
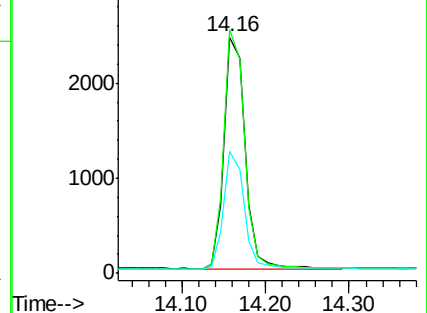
160 51.5 38.9 58.3



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: 0.343 ng

RT: 15.67 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BN010924.D

Acq: 17 Jun 2020 02:43

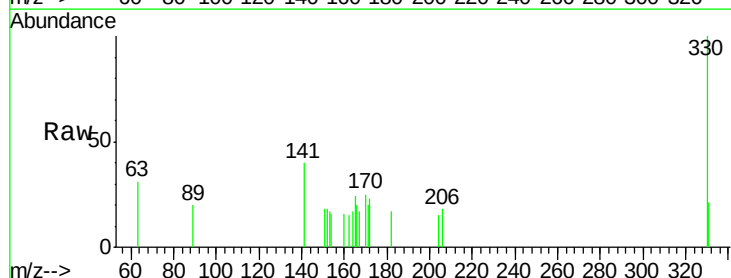
Tgt Ion:330 Resp: 520

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

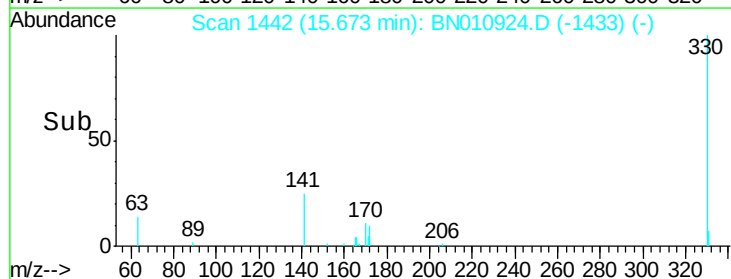
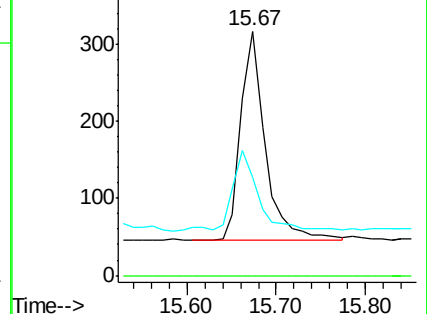
141 40.2 33.2 49.8

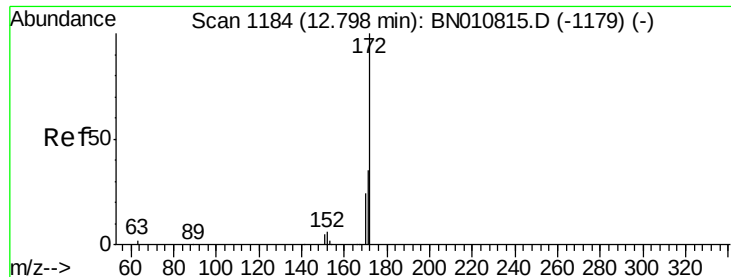


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

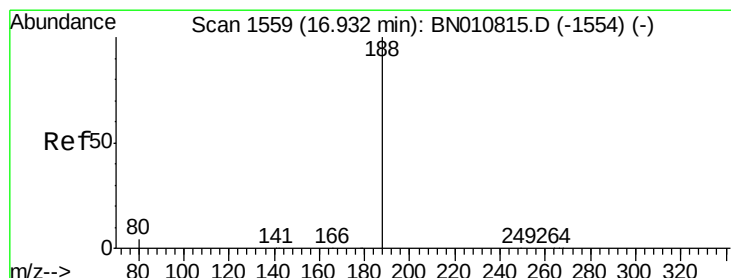
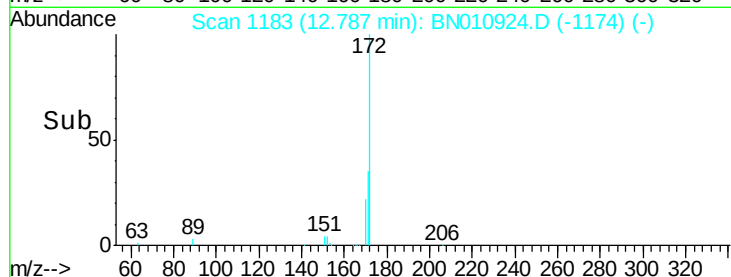
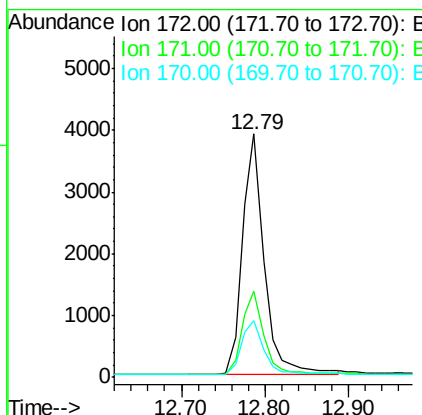
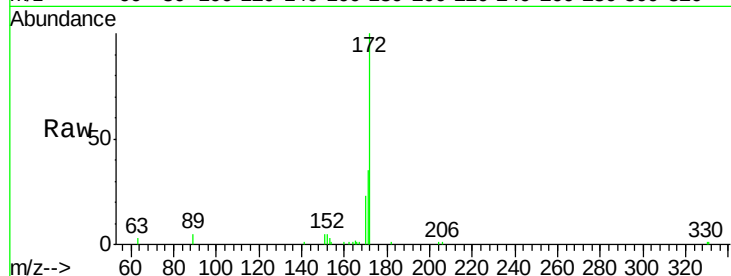




#15
2-Fluorobiphenyl
Concen: 0.419 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010924.D
Acq: 17 Jun 2020 02:43

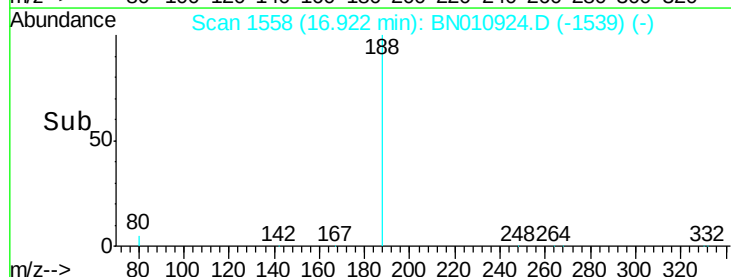
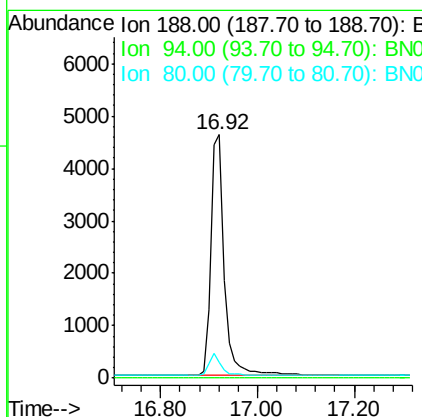
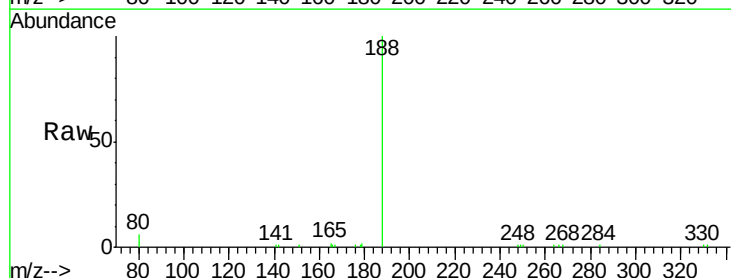
Instrument :
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RE126D3-20200611

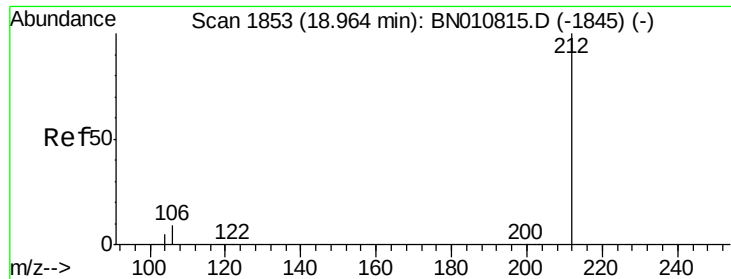
Tot Ion:172 Resp: 7006
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.3 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BN010924.D
Acq: 17 Jun 2020 02:43

Tgt Ion:188 Resp: 8953
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.5 4.5 6.7





#25

Fluoranthene-d10

Concen: 0.531 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010924.D

Acq: 17 Jun 2020 02:43

Instrument :

BNA_N

ClientSampleId :

RE126D3-20200611

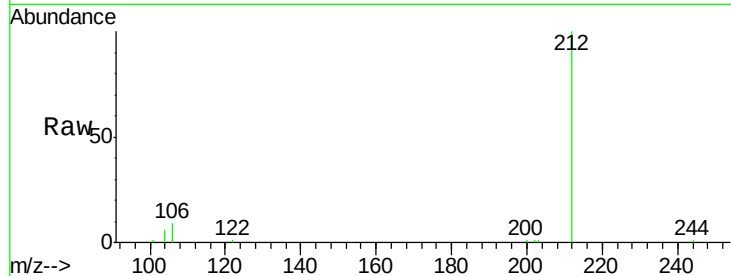
Tot Ion:212 Resp: 13113

Ion Ratio Lower Upper

212 100

106 9.5 6.6 10.0

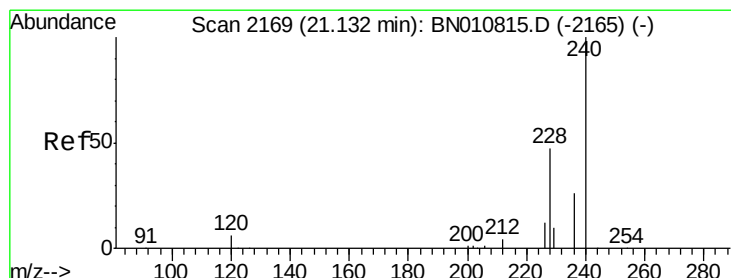
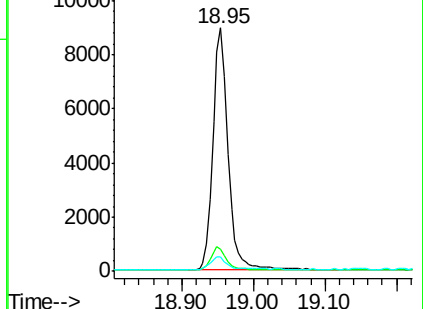
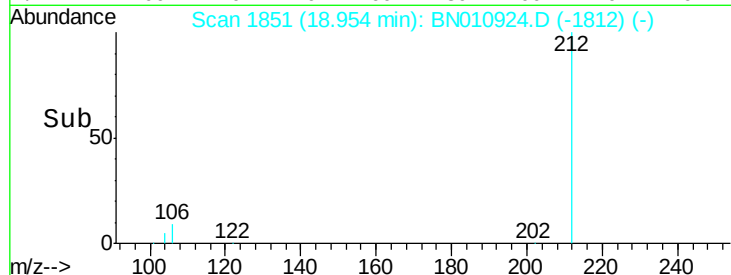
104 5.3 4.0 6.0



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: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN010924.D

Acq: 17 Jun 2020 02:43

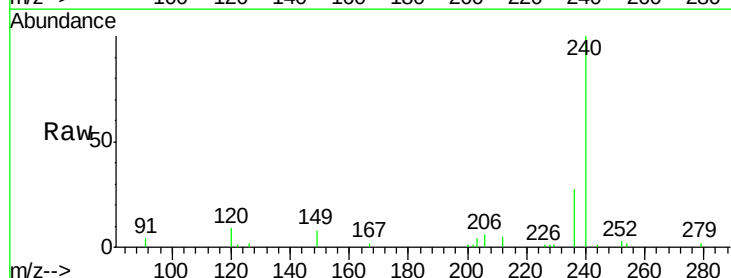
Tgt Ion:240 Resp: 8640

Ion Ratio Lower Upper

240 100

120 8.7 7.5 11.3

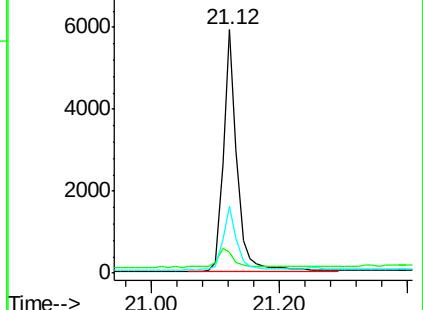
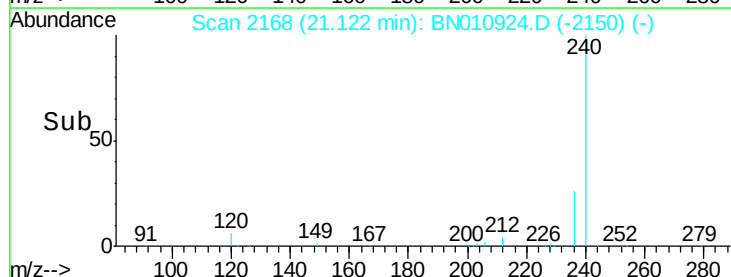
236 27.4 22.3 33.5

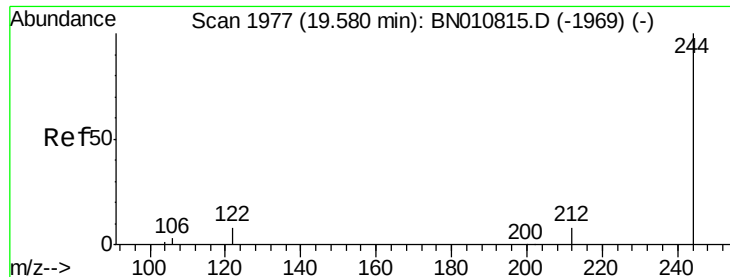


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.491 ng

RT: 19.56 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BN010924.D

Acq: 17 Jun 2020 02:43

Instrument :

BNA_N

ClientSampleId :

RE126D3-20200611

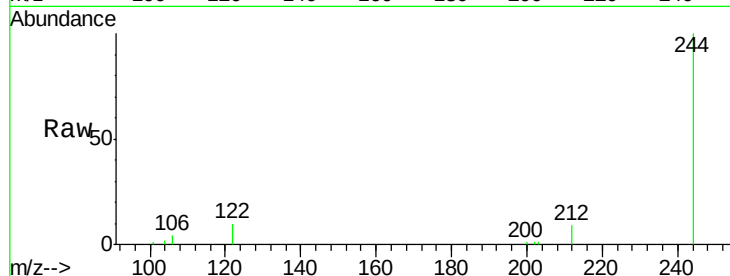
Tot Ion:244 Resp: 9939

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.2

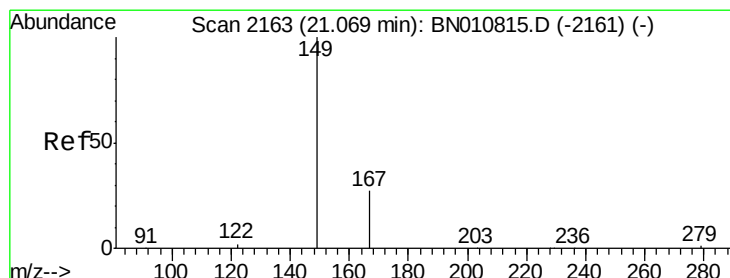
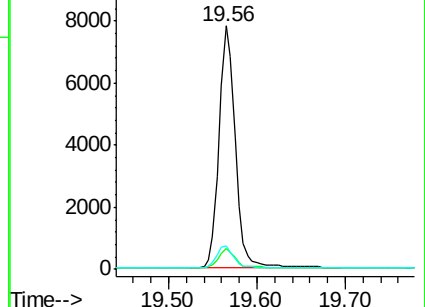
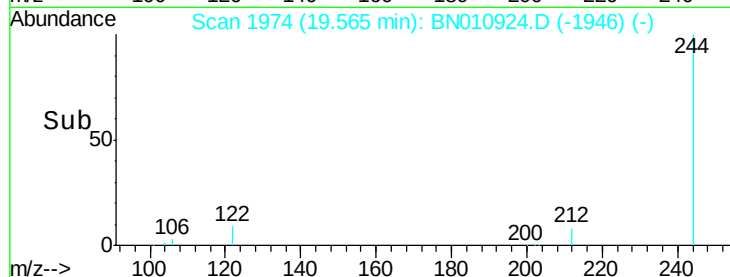
122 9.8 7.5 11.3



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: 0.091 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN010924.D

Acq: 17 Jun 2020 02:43

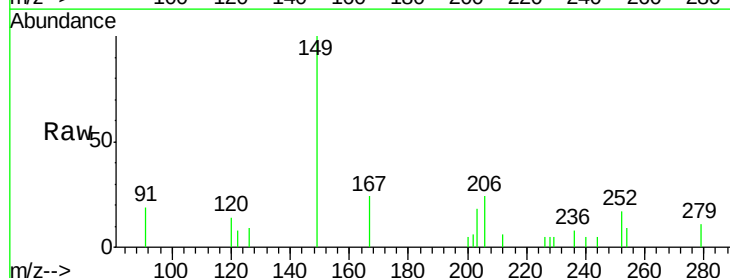
Tgt Ion:149 Resp: 774

Ion Ratio Lower Upper

149 100

167 23.3 24.1 36.1#

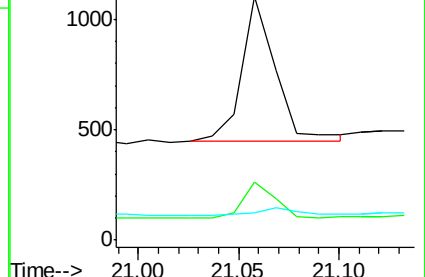
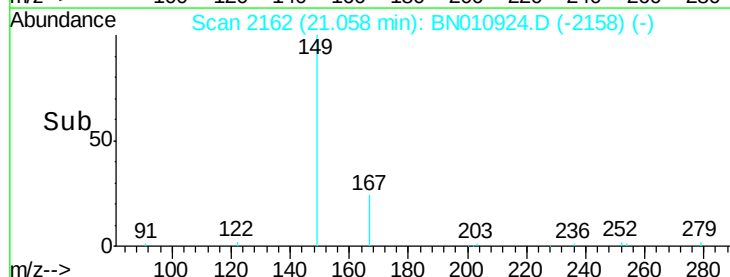
279 7.0 4.6 7.0#

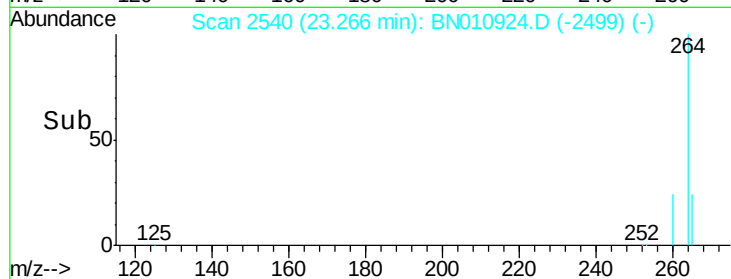
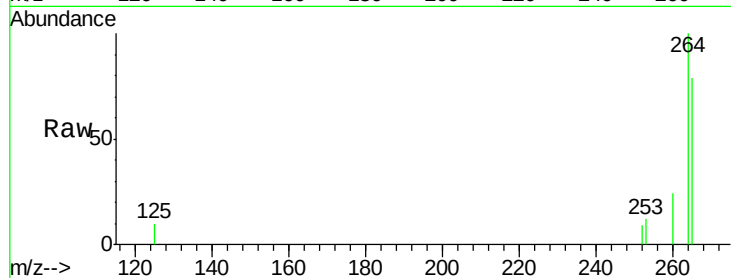
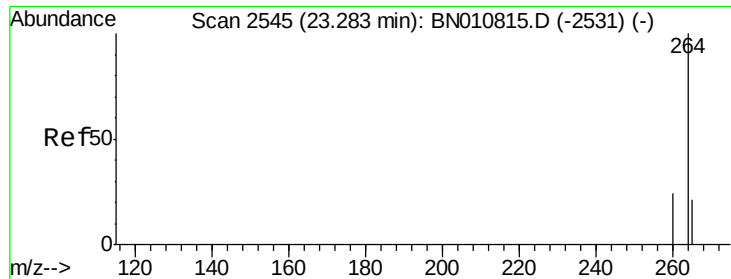


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.27 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BN010924.D

Acq: 17 Jun 2020 02:43

Instrument :

BNA_N

ClientSampleId :

RE126D3-20200611

Tot Ion: 264 Resp: 9965

Ion Ratio Lower Upper

264 100

260 24.5 20.4 30.6

265 79.1 75.0 112.4

