

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
 Data File : BN010331.D
 Acq On : 24 Mar 2020 18:03
 Operator : CG/JU
 Sample : L1997-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20200316

Quant Time: Mar 24 18:38:20 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

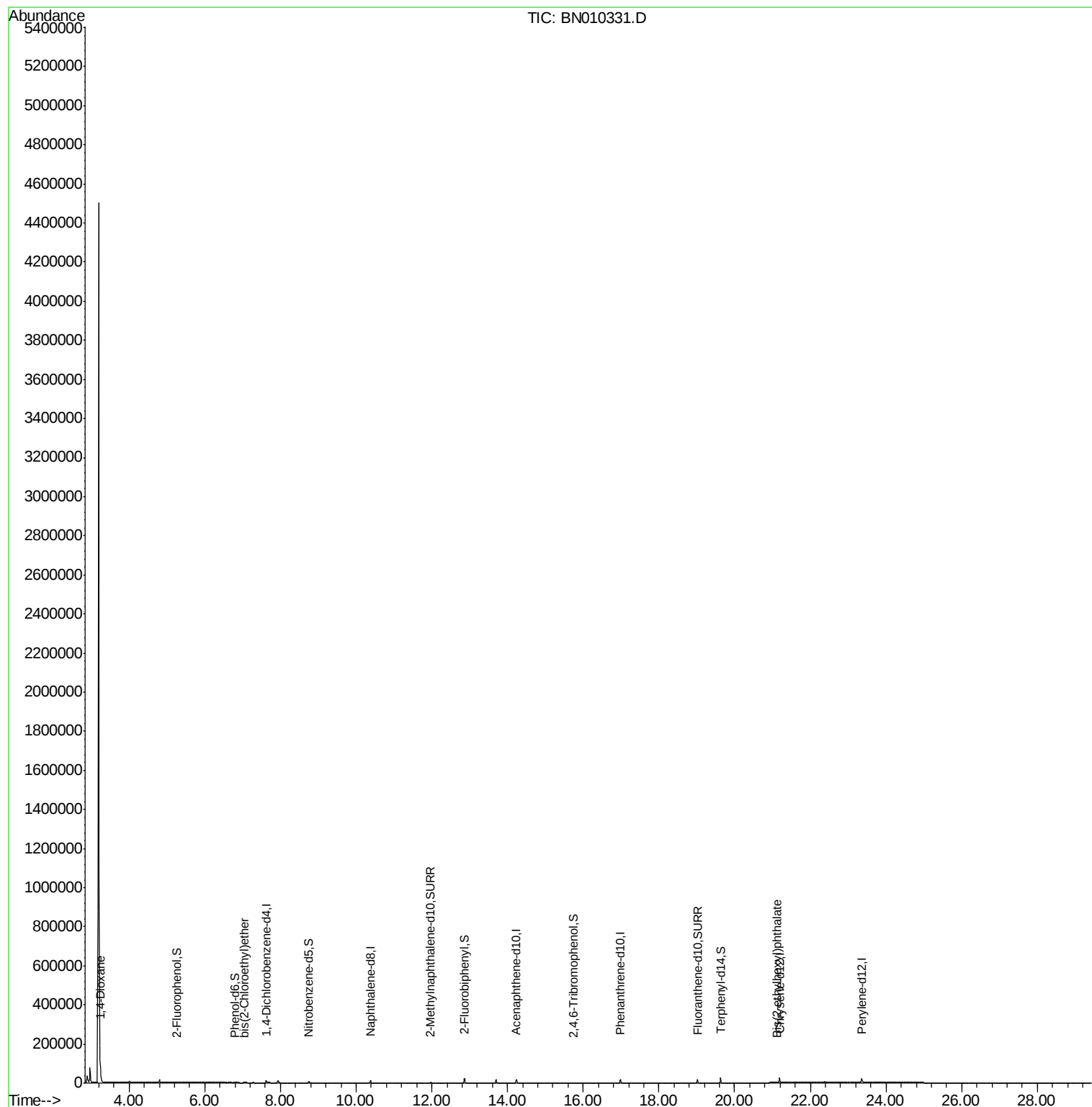
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4973	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	17101	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	9930	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	23317	0.40	ng	0.00
27) Chrysene-d12	21.19	240	23270	0.40	ng	0.00
34) Perylene-d12	23.36	264	23836	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1334	0.14	ng	0.00
5) Phenol-d6	6.80	99	941	0.08	ng	0.00
8) Nitrobenzene-d5	8.74	82	6148	0.56	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	7977	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1027	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	22901	0.60	ng	0.00
25) Fluoranthene-d10	19.02	212	21457	0.31	ng	0.00
29) Terphenyl-d14	19.63	244	27426	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.25	88	21554	4.615	ng	97
6) bis(2-Chloroethyl)ether	7.06	93	518	0.044	ng	94
32) Bis(2-ethylhexyl)phthalate	21.13	149	1379	0.055	ng	# 99

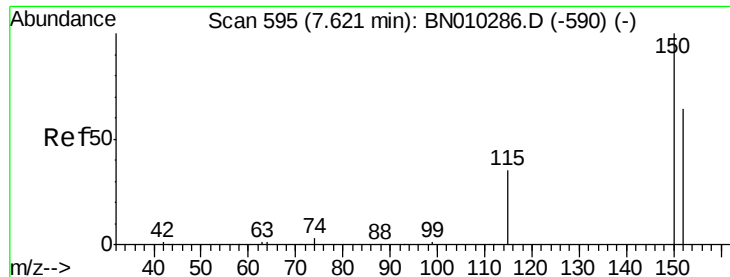
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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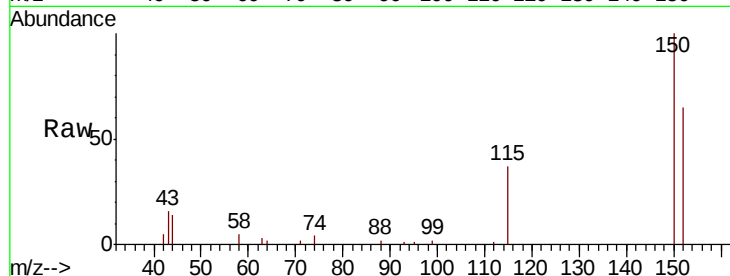


#1

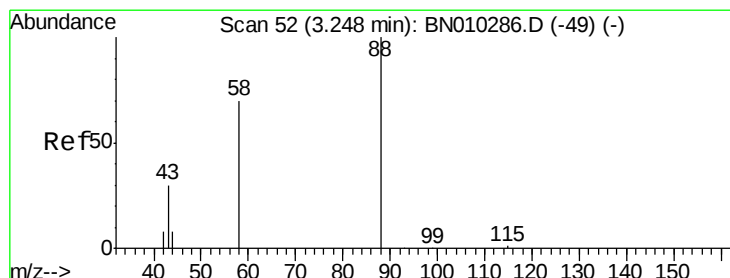
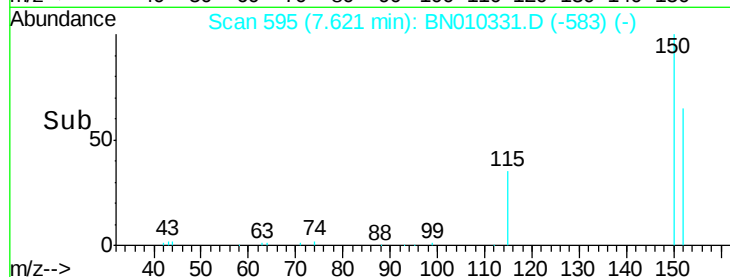
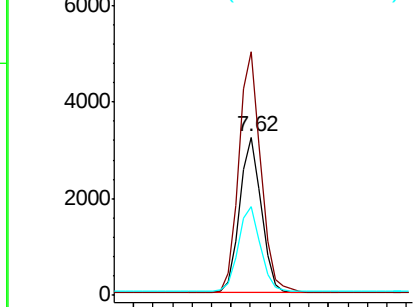
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. -0.00 min
Lab File: BN010331.D
Acq: 24 Mar 2020 18:03

Instrument :
BNA_N
ClientSampleId :
RE122D2-20200316

Tot Ion:152 Resp: 4973
Ion Ratio Lower Upper
152 100
150 153.9 123.1 184.7
115 56.3 45.2 67.8



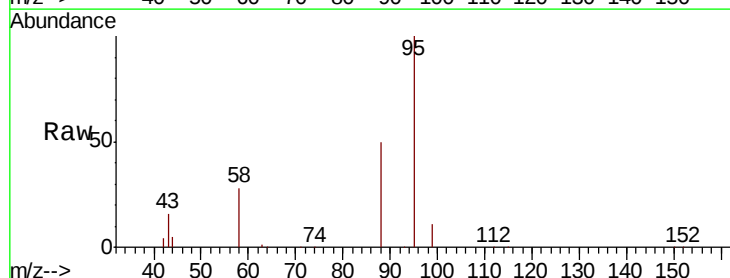
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



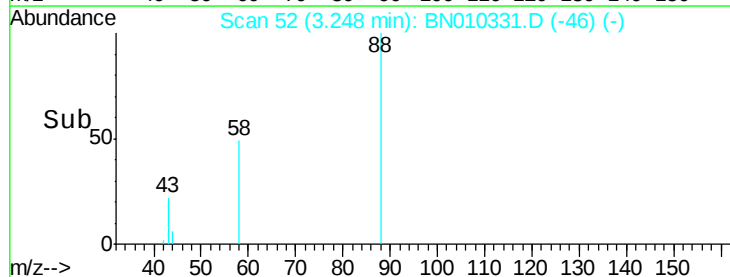
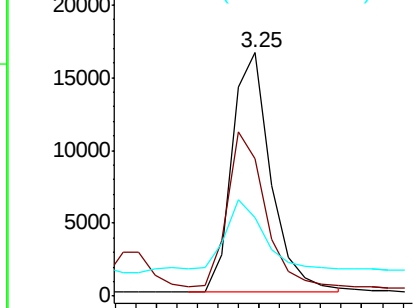
#2

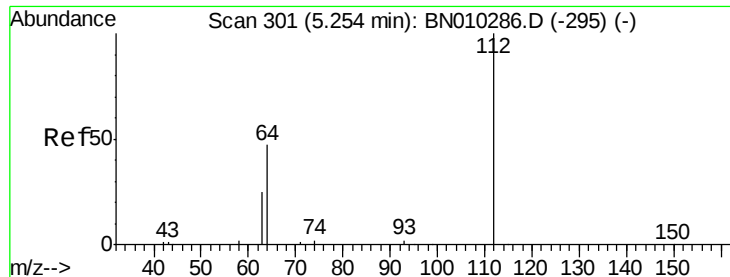
1,4-Dioxane
Concen: 4.615 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010331.D
Acq: 24 Mar 2020 18:03

Tgt Ion: 88 Resp: 21554
Ion Ratio Lower Upper
88 100
58 62.0 51.7 77.5
43 26.8 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: 0.136 ng

RT: 5.25 min Scan# 301

Delta R.T. -0.00 min

Lab File: BN010331.D

Acq: 24 Mar 2020 18:03

Instrument :

BNA_N

ClientSampleId :

RE122D2-20200316

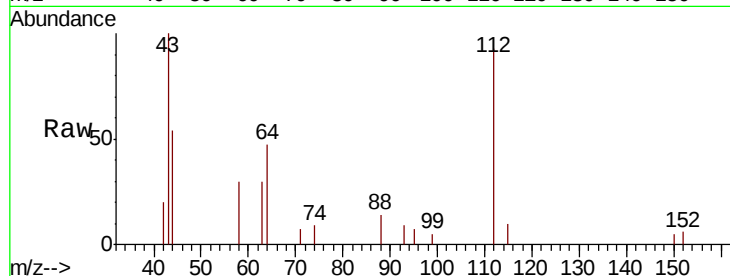
Tot Ion: 112 Resp: 1334

Ion Ratio Lower Upper

112 100

64 51.2 41.4 62.2

63 28.6 22.9 34.3

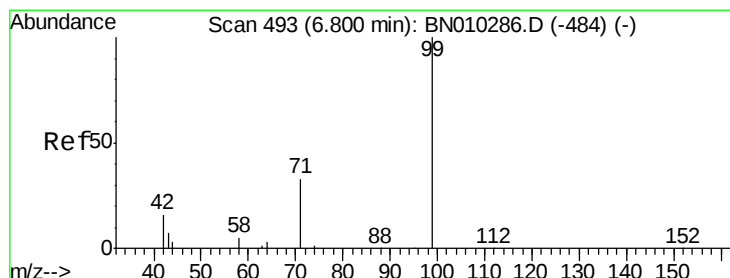
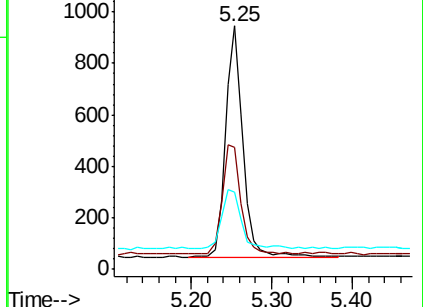
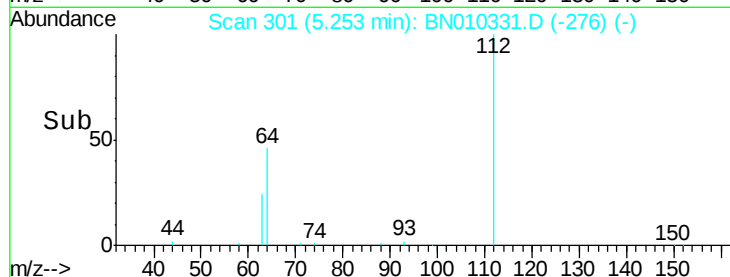


Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO

Time-->



#5

Phenol-d6

Concen: 0.077 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.00 min

Lab File: BN010331.D

Acq: 24 Mar 2020 18:03

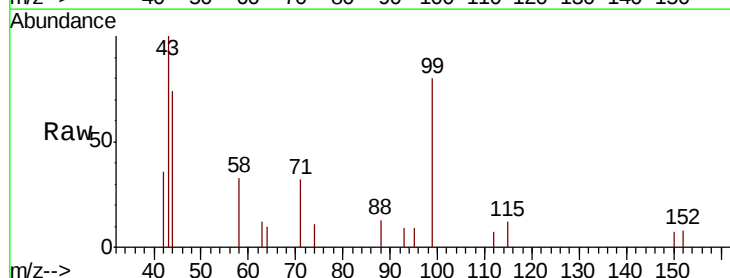
Tgt Ion: 99 Resp: 941

Ion Ratio Lower Upper

99 100

42 29.2 14.8 22.2#

71 38.9 27.3 40.9

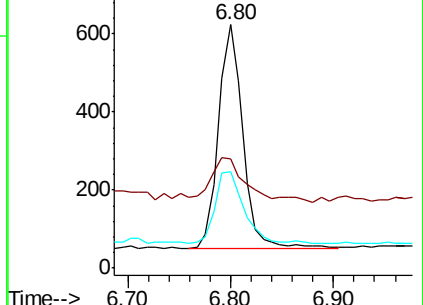
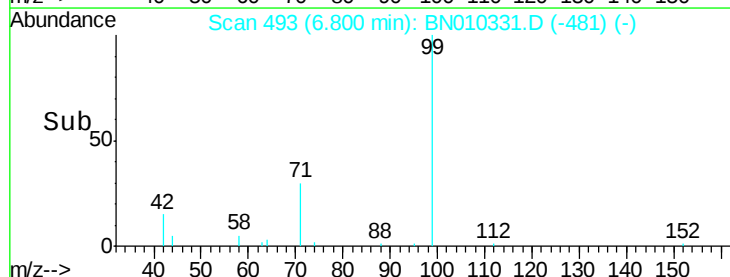


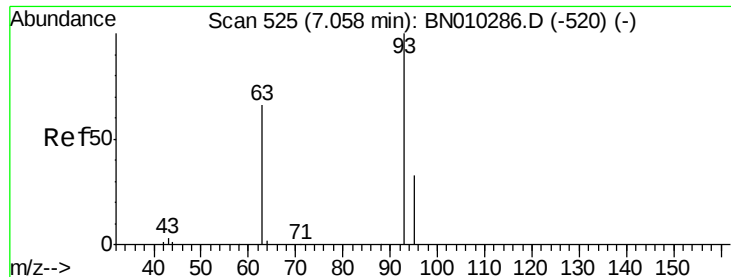
Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.044 ng

RT: 7.06 min Scan# 525

Delta R.T. -0.00 min

Lab File: BN010331.D

Acq: 24 Mar 2020 18:03

Instrument :

BNA_N

ClientSampleId :

RE122D2-20200316

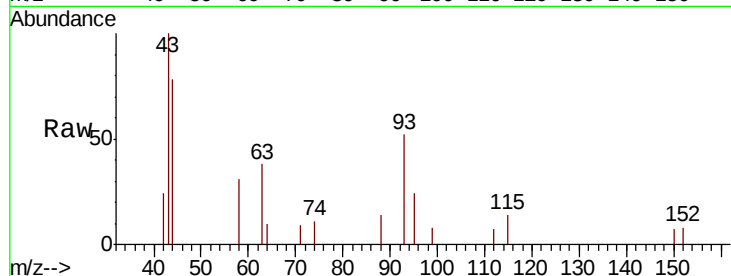
Tot Ion: 93 Resp: 518

Ion Ratio Lower Upper

93 100

63 76.8 55.6 83.4

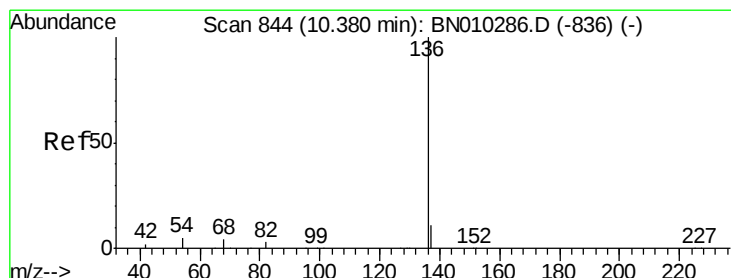
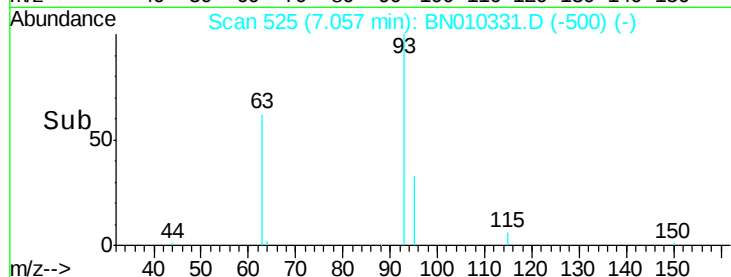
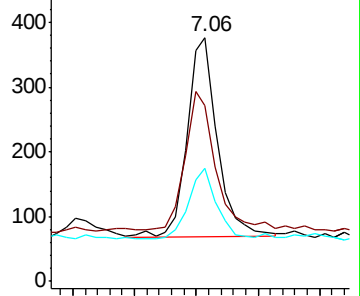
95 33.4 26.2 39.4



Abundance Ion 93.00 (92.70 to 93.70): BN010331.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN010331.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN010331.D (-500) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010331.D

Acq: 24 Mar 2020 18:03

Tgt Ion: 136 Resp: 17101

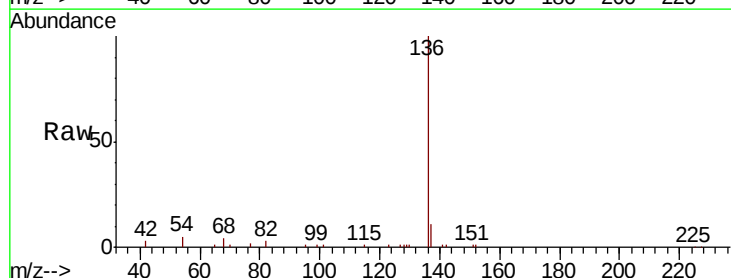
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 4.6 4.8 7.2#

68 4.1 4.1 6.1

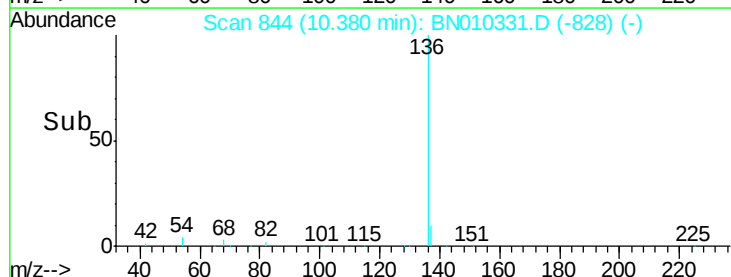
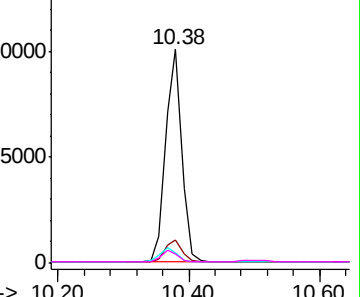


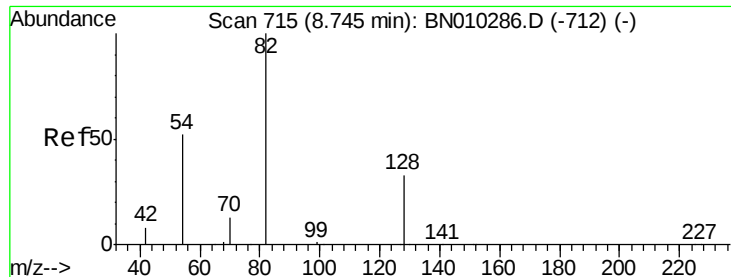
Abundance Ion 136.00 (135.70 to 136.70): BN010331.D (-828) (-)

Ion 137.00 (136.70 to 137.70): BN010331.D (-828) (-)

Ion 54.00 (53.70 to 54.70): BN010331.D (-828) (-)

Ion 68.00 (67.70 to 68.70): BN010331.D (-828) (-)

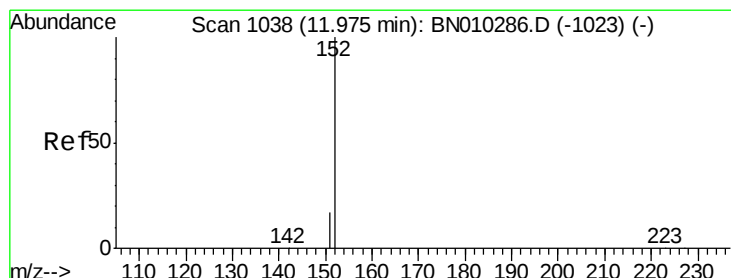
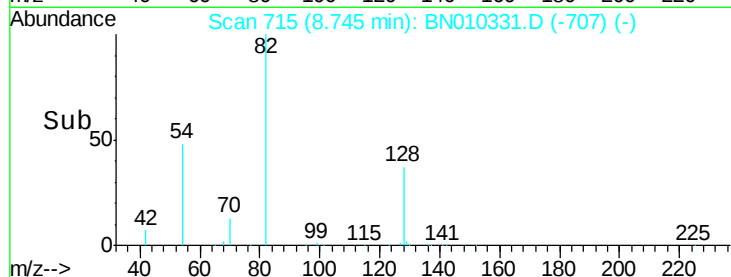
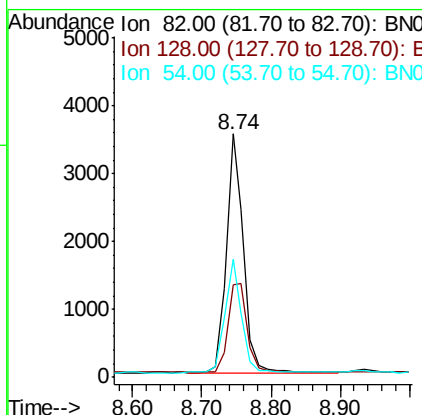
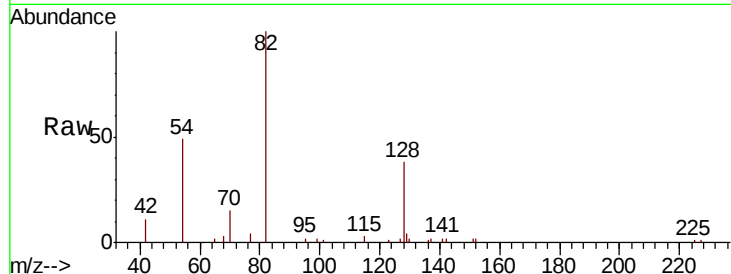




#8
 Nitrobenzene-d5
 Concen: 0.561 ng
 RT: 8.74 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BN010331.D
 Acq: 24 Mar 2020 18:03

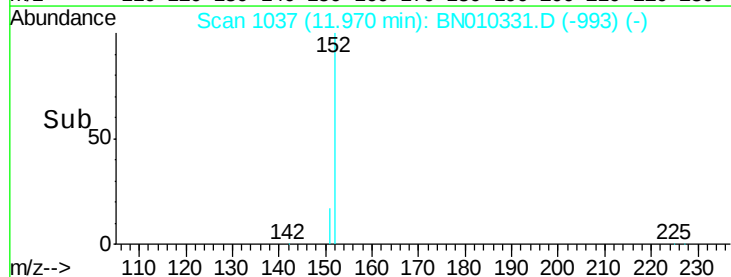
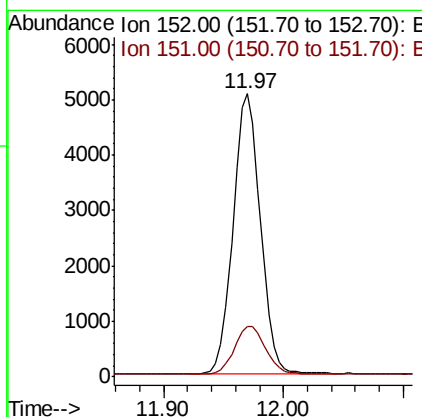
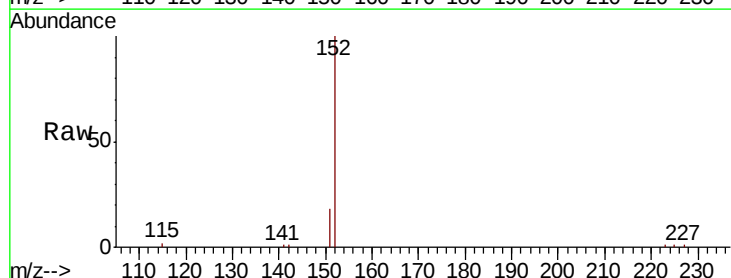
Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20200316

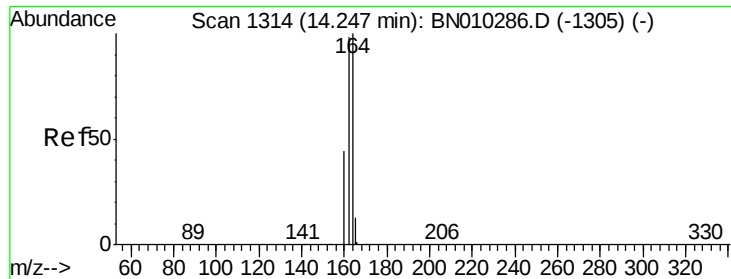
Tot Ion	82	Resp	6148
Ion Ratio	Lower	Upper	
82	100		
128	38.1	28.8	43.2
54	48.6	42.1	63.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.292 ng
 RT: 11.97 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BN010331.D
 Acq: 24 Mar 2020 18:03

Tgt Ion	152	Resp	7977
Ion Ratio	Lower	Upper	
152	100		
151	19.4	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: BN010331.D

Acq: 24 Mar 2020 18:03

Instrument :

BNA_N

ClientSampleId :

RE122D2-20200316

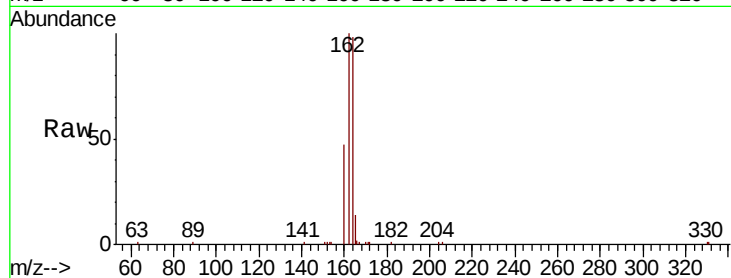
Tot Ion:164 Resp: 9930

Ion Ratio Lower Upper

164 100

162 102.0 78.2 117.2

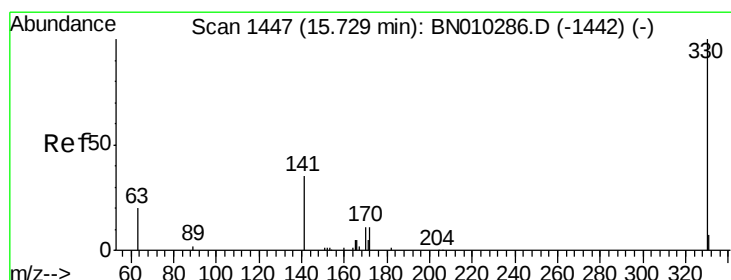
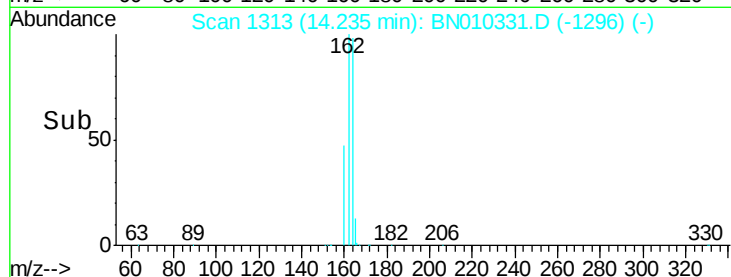
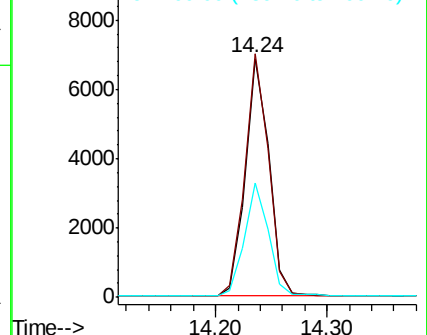
160 48.0 35.8 53.6



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: 0.269 ng

RT: 15.73 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BN010331.D

Acq: 24 Mar 2020 18:03

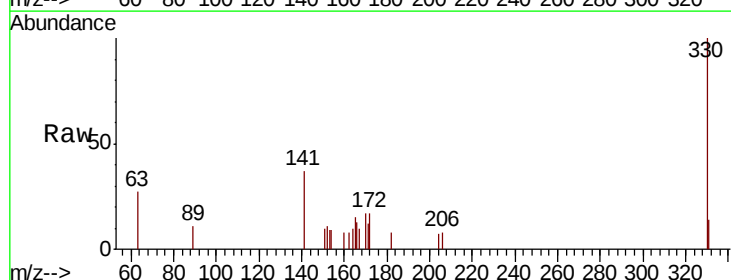
Tgt Ion:330 Resp: 1027

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

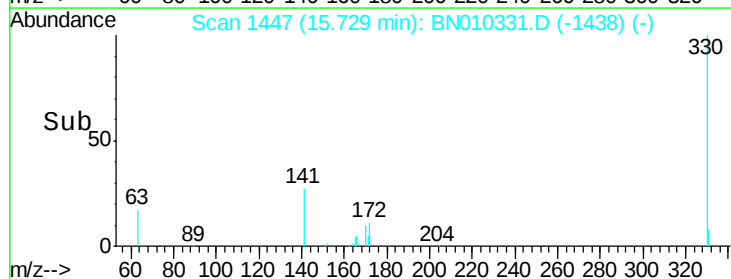
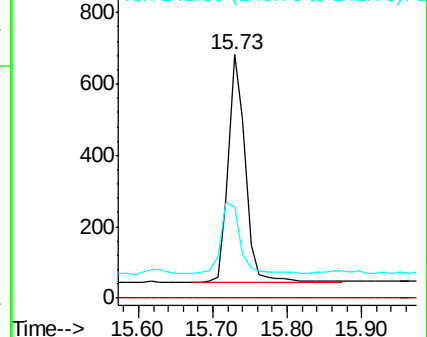
141 33.3 29.3 43.9

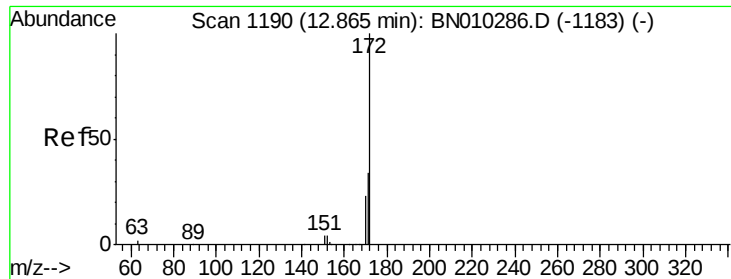


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

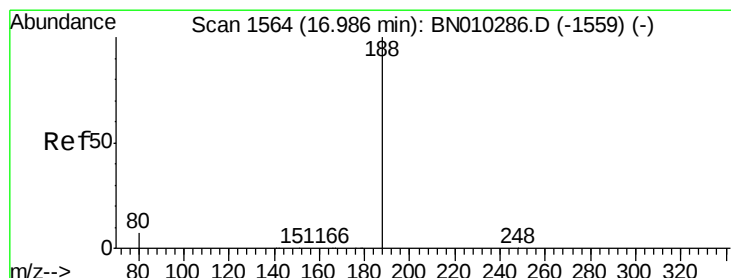
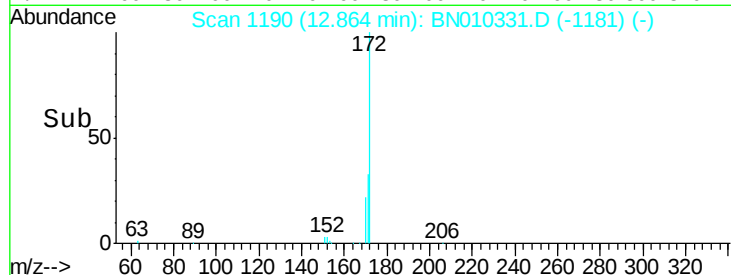
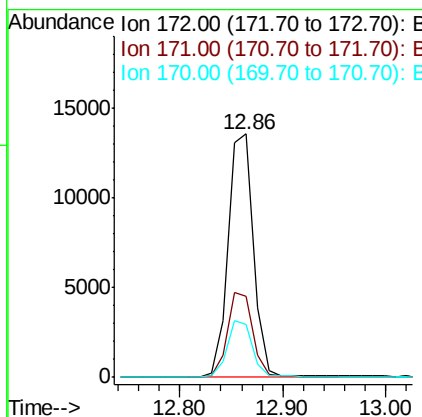
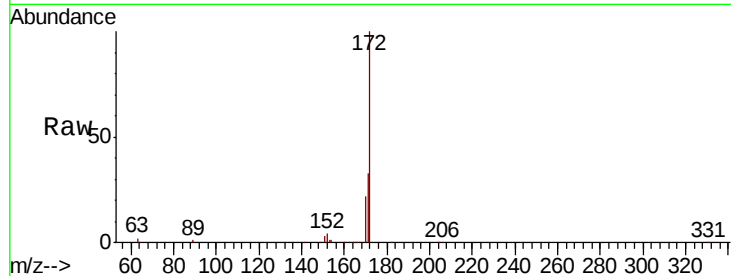




#15
2-Fluorobiphenyl
Concen: 0.603 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010331.D
Acq: 24 Mar 2020 18:03

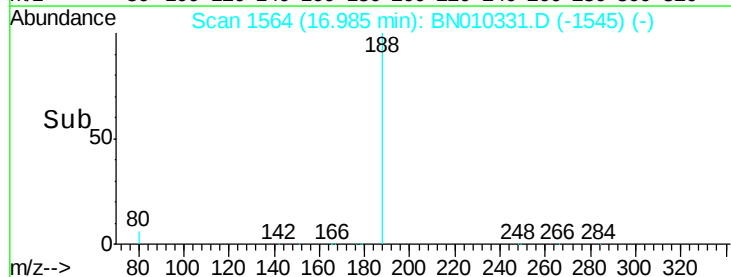
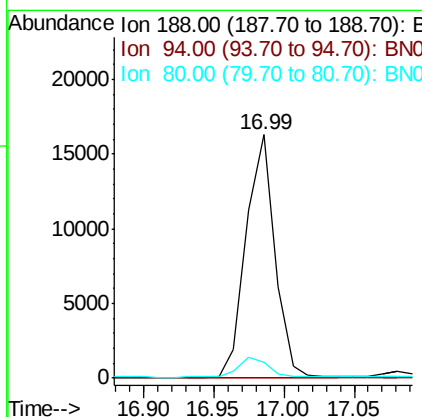
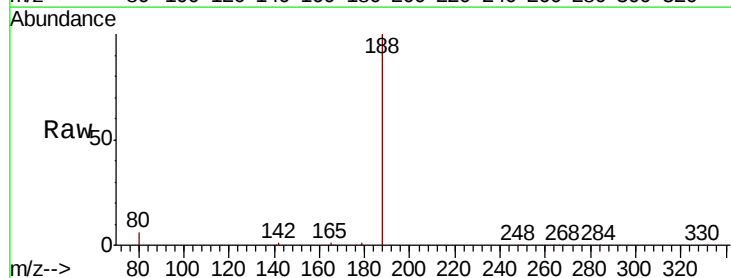
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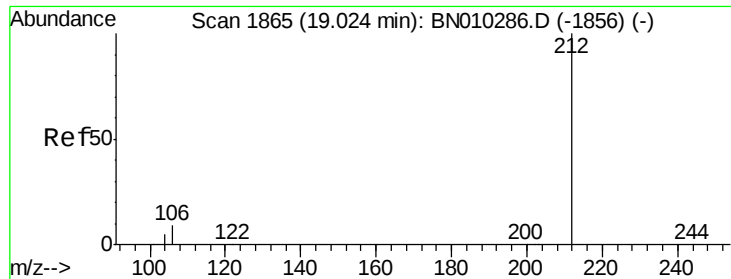
Tot Ion:172 Resp: 22901
Ion Ratio Lower Upper
172 100
171 33.2 27.6 41.4
170 22.0 18.5 27.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN010331.D
Acq: 24 Mar 2020 18:03

Tgt Ion:188 Resp: 23317
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.3 6.0 9.0





#25

Fluoranthene-d10

Concen: 0.305 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BN010331.D

Acq: 24 Mar 2020 18:03

Instrument :

BNA_N

ClientSampleId :

RE122D2-20200316

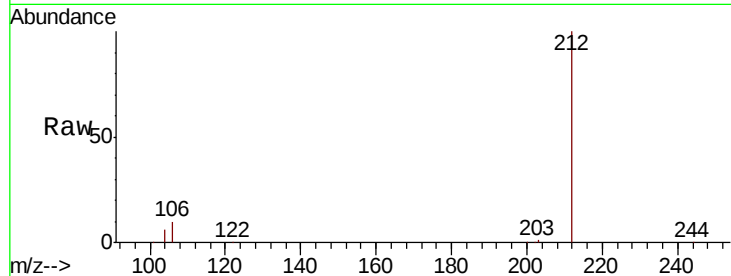
Tot Ion:212 Resp: 21457

Ion Ratio Lower Upper

212 100

106 9.4 7.4 11.2

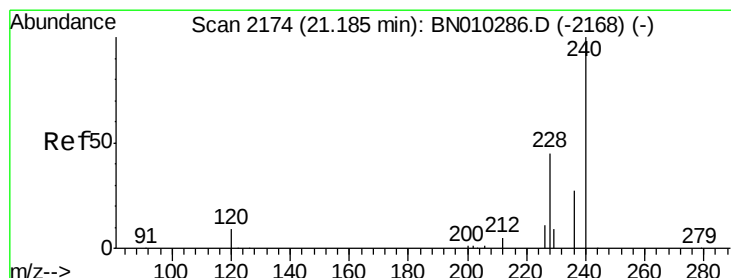
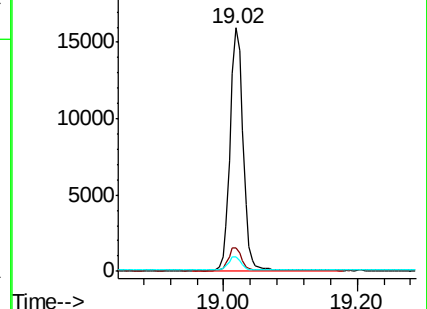
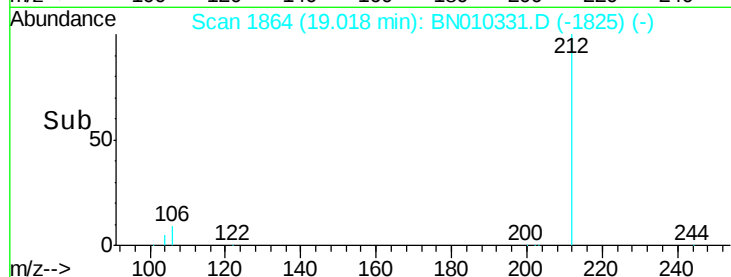
104 5.4 4.2 6.4



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: BN010331.D

Acq: 24 Mar 2020 18:03

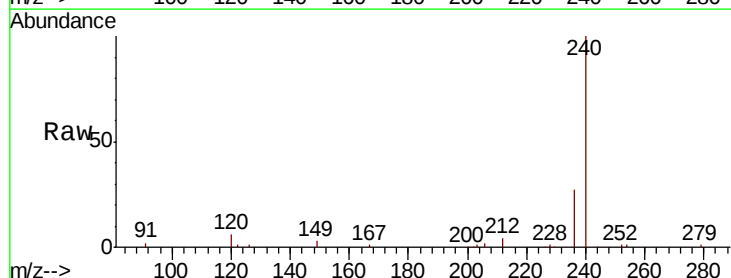
Tgt Ion:240 Resp: 23270

Ion Ratio Lower Upper

240 100

120 6.4 7.9 11.9#

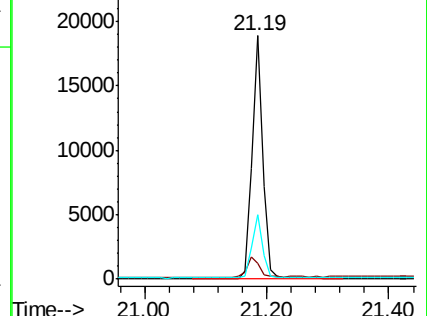
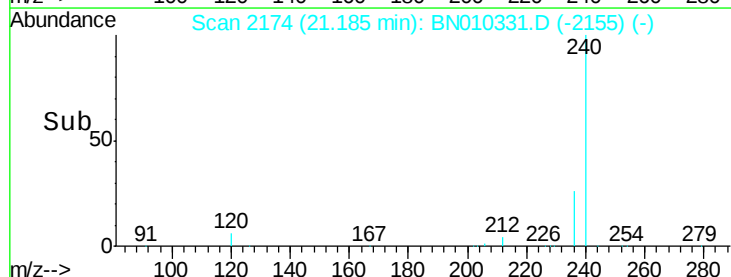
236 26.6 22.2 33.4

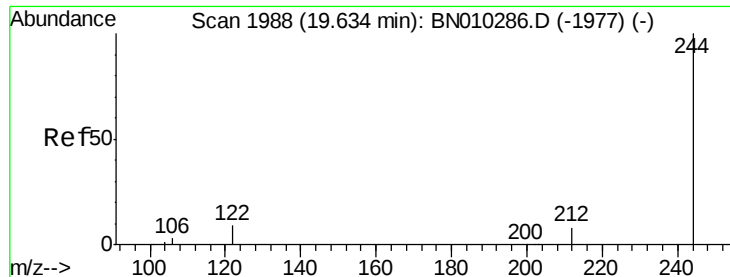


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.546 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BN010331.D

Acq: 24 Mar 2020 18:03

Instrument :

BNA_N

ClientSampleId :

RE122D2-20200316

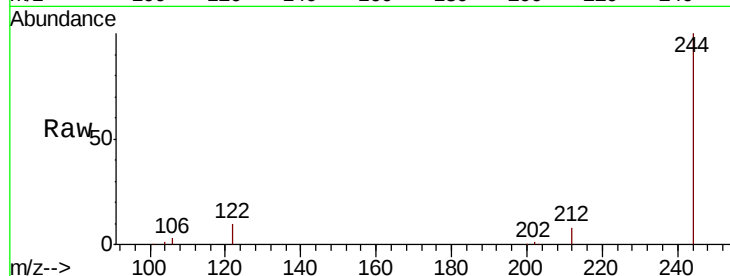
Tot Ion:244 Resp: 27426

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

122 9.6 7.6 11.4

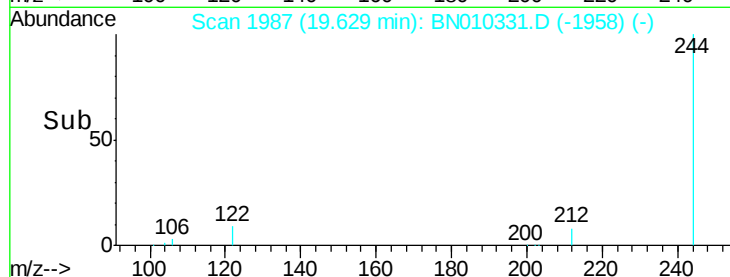


Abundance Ion 244.00 (243.70 to 244.70): E

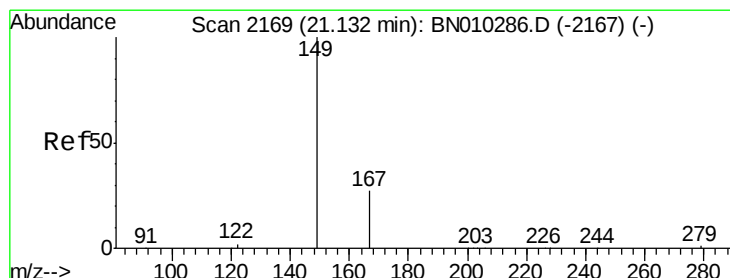
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.055 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN010331.D

Acq: 24 Mar 2020 18:03

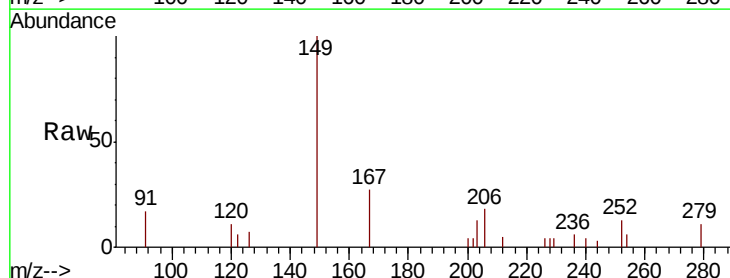
Tgt Ion:149 Resp: 1379

Ion Ratio Lower Upper

149 100

167 28.4 23.0 34.6

279 6.4 3.8 5.8#

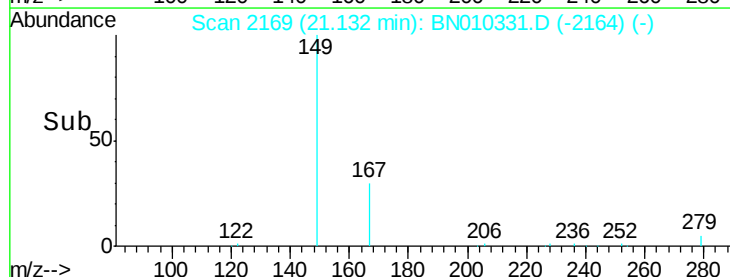


Abundance Ion 149.00 (148.70 to 149.70): E

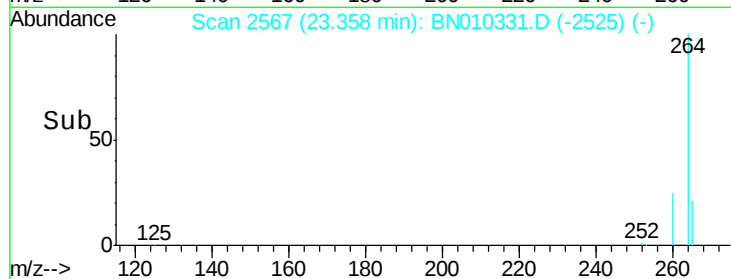
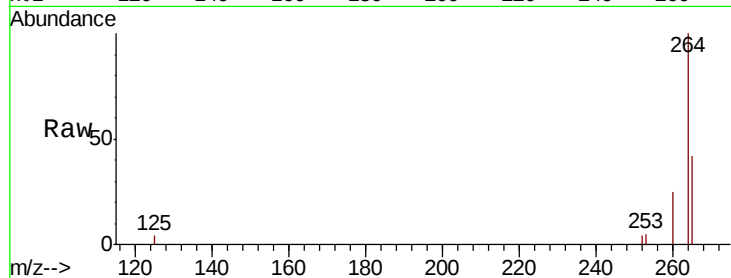
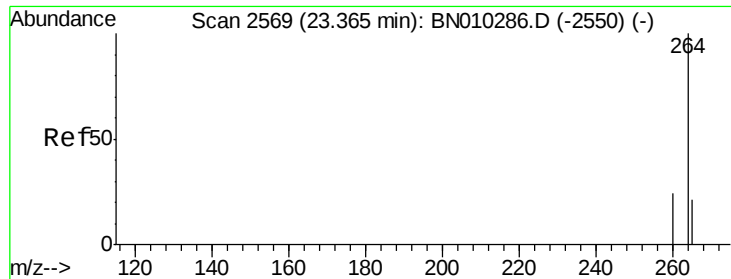
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



Time-->



#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.36 min Scan# 2567

Delta R.T. -0.01 min

Lab File: BN010331.D

Acq: 24 Mar 2020 18:03

Instrument :

BNA_N

ClientSampleId :

RE122D2-20200316

Tot Ion:264 Resp: 23836

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 41.6 32.4 48.6

