

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN032720\
 Data File : BN010355.D
 Acq On : 27 Mar 2020 17:09
 Operator : CG/JU
 Sample : L2023-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS038-200323

Quant Time: Mar 27 17:40:56 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

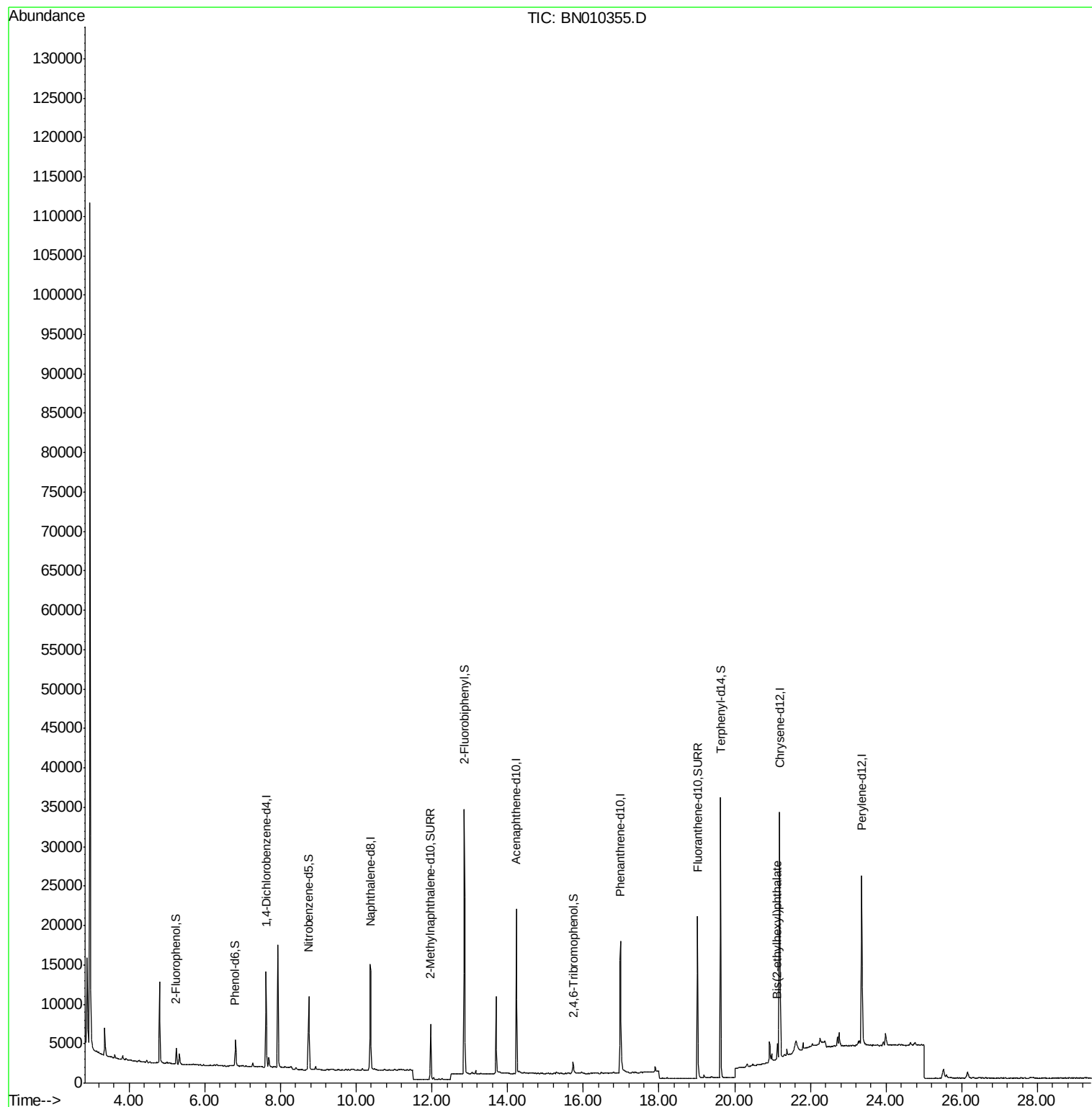
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	5921	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	20657	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	11590	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	28176	0.40	ng	0.00
27) Chrysene-d12	21.19	240	28480	0.40	ng	0.00
34) Perylene-d12	23.35	264	28963	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1795	0.15	ng	0.00
5) Phenol-d6	6.80	99	1311	0.09	ng	0.00
8) Nitrobenzene-d5	8.74	82	7931	0.60	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	9688	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1443	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	29478	0.66	ng	-0.01
25) Fluoranthene-d10	19.02	212	25204	0.30	ng	0.00
29) Terphenyl-d14	19.63	244	34598	0.56	ng	0.00
Target Compounds						
32) Bis(2-ethylhexyl)phthalate	21.12	149	2100	0.069	ng	Qvalue # 96

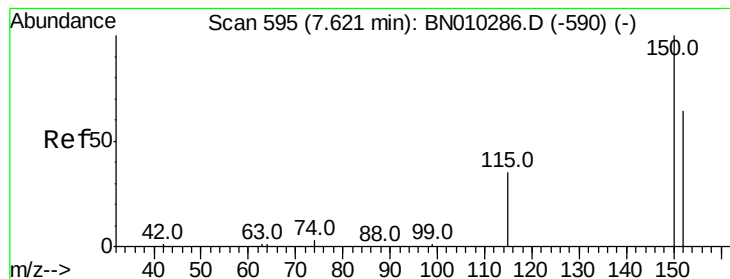
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.61 min Scan# 594

Delta R.T. -0.01 min

Lab File: BN010355.D

Acq: 27 Mar 2020 17:09

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200323

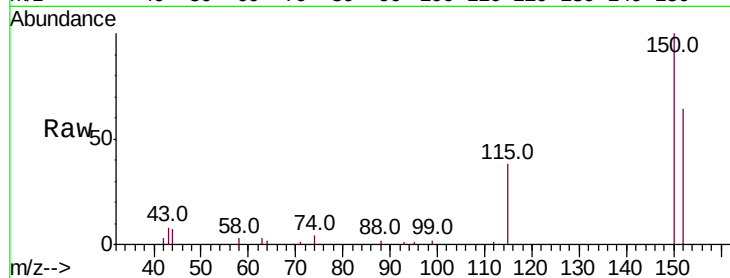
Tot Ion:152 Resp: 5921

Ion Ratio Lower Upper

152 100

150 155.8 123.1 184.7

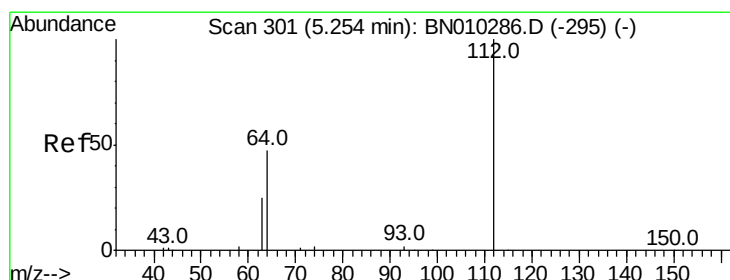
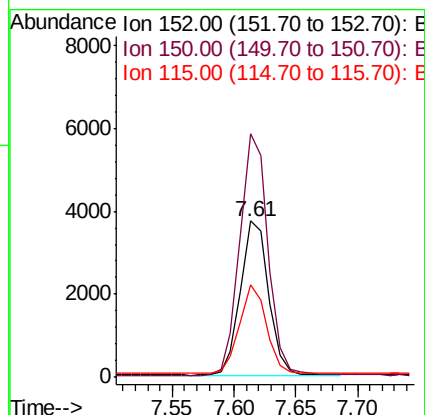
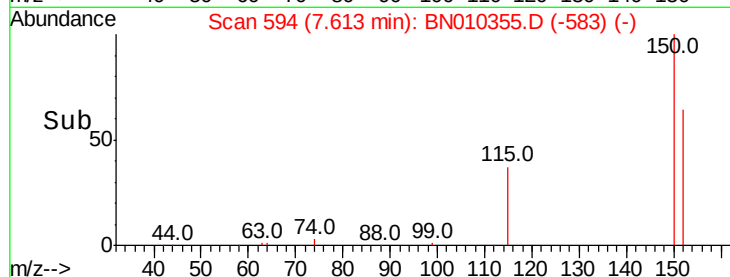
115 59.0 45.2 67.8



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



#4

2-Fluorophenol

Concen: 0.153 ng

RT: 5.25 min Scan# 301

Delta R.T. -0.00 min

Lab File: BN010355.D

Acq: 27 Mar 2020 17:09

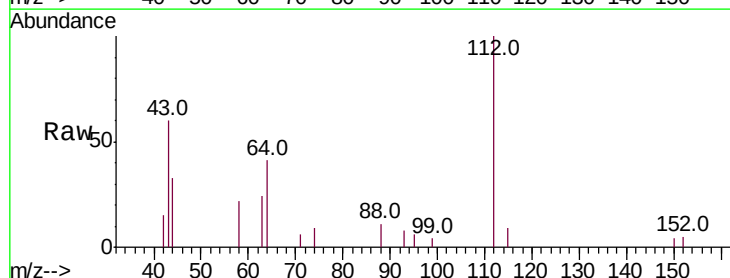
Tgt Ion:112 Resp: 1795

Ion Ratio Lower Upper

112 100

64 44.9 41.4 62.2

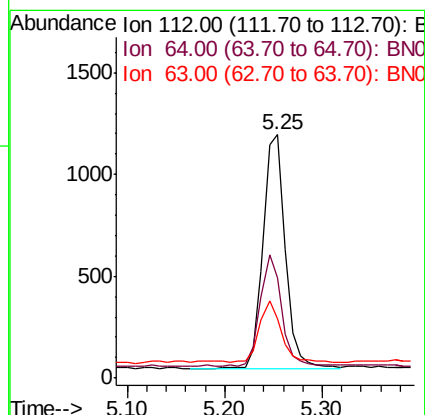
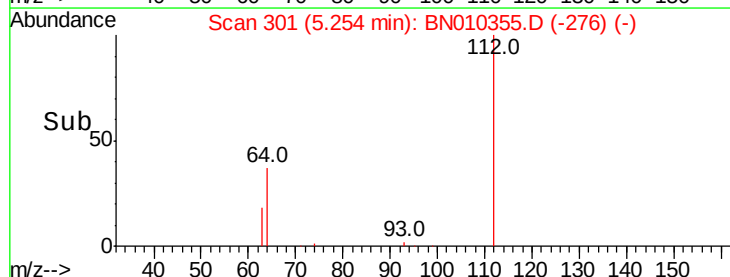
63 25.5 22.9 34.3

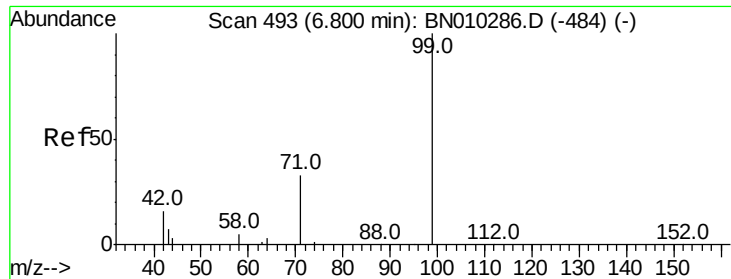


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.090 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.00 min

Lab File: BN010355.D

Acq: 27 Mar 2020 17:09

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200323

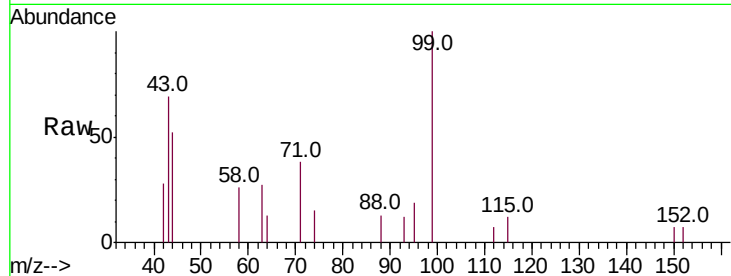
Tot Ion: 99 Resp: 1311

Ion Ratio Lower Upper

99 100

42 0.0 14.8 22.2#

71 36.9 27.3 40.9

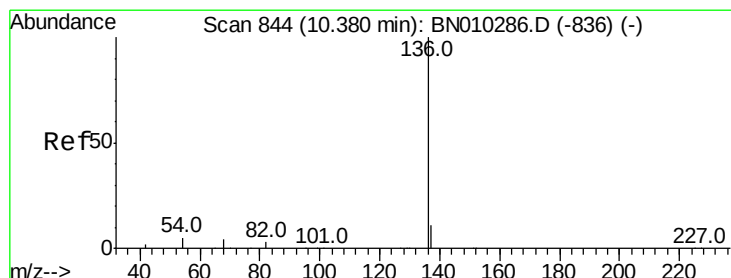
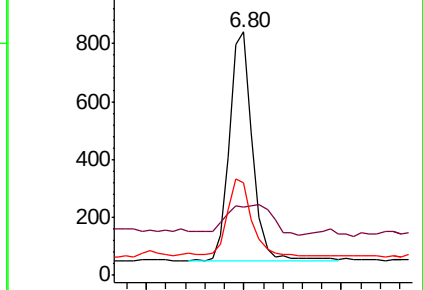
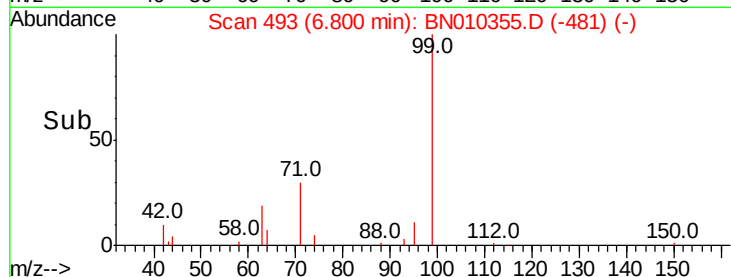


Abundance Ion 99.00 (98.70 to 99.70): BN010286.D (-484) (-)

Ion 42.00 (41.70 to 42.70): BN010286.D (-484) (-)

Ion 71.00 (70.70 to 71.70): BN010286.D (-484) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010355.D

Acq: 27 Mar 2020 17:09

Tgt Ion: 136 Resp: 20657

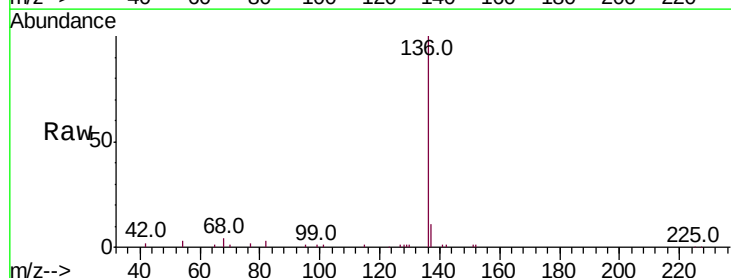
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 2.8 4.8 7.2#

68 3.6 4.1 6.1#



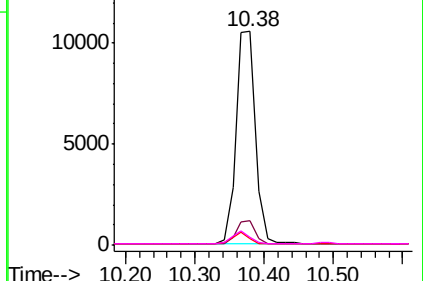
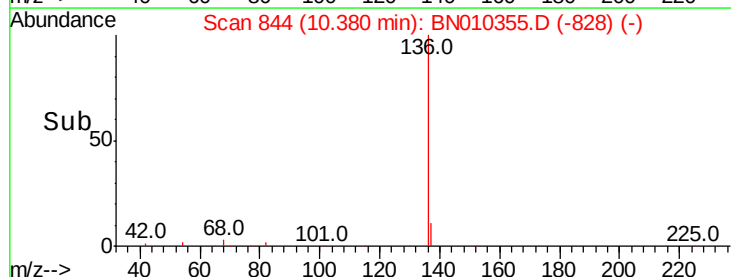
Abundance Ion 136.00 (135.70 to 136.70): BN010286.D (-836) (-)

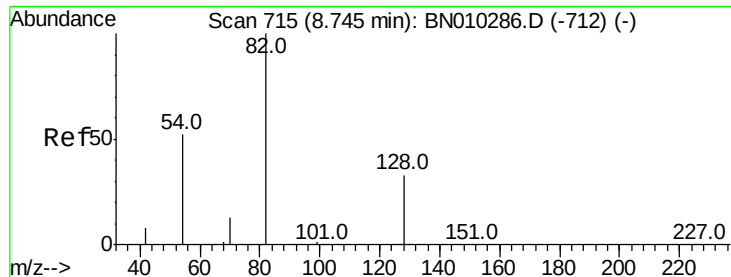
Ion 137.00 (136.70 to 137.70): BN010286.D (-836) (-)

Ion 54.00 (53.70 to 54.70): BN010286.D (-836) (-)

Ion 68.00 (67.70 to 68.70): BN010286.D (-836) (-)

Time-->

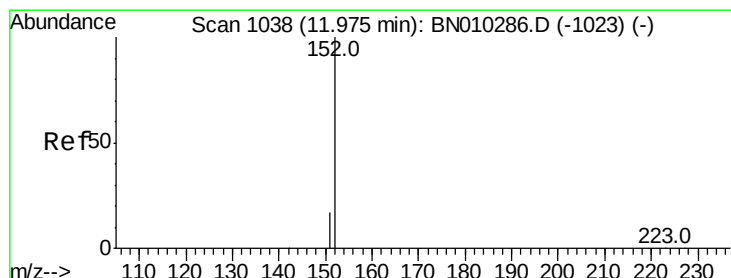
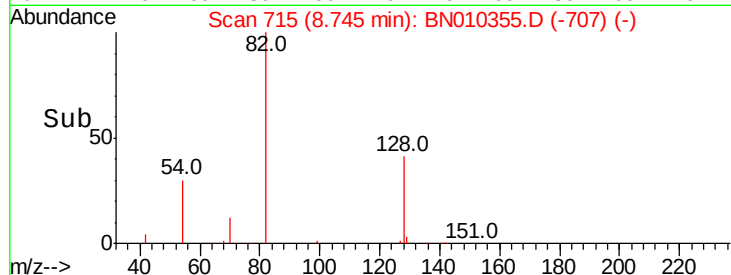
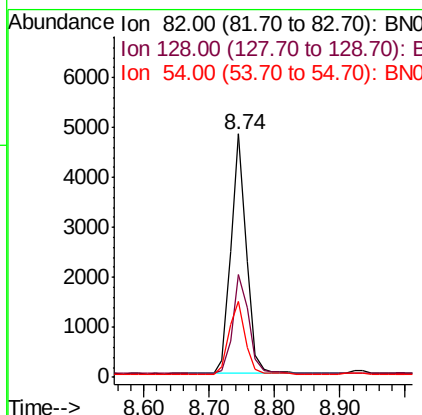
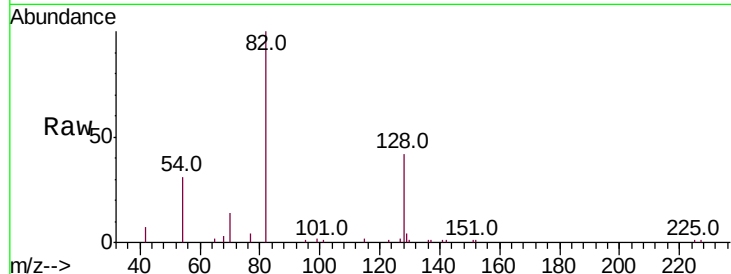




#8
 Nitrobenzene-d5
 Concen: 0.599 ng
 RT: 8.74 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BN010355.D
 Acq: 27 Mar 2020 17:09

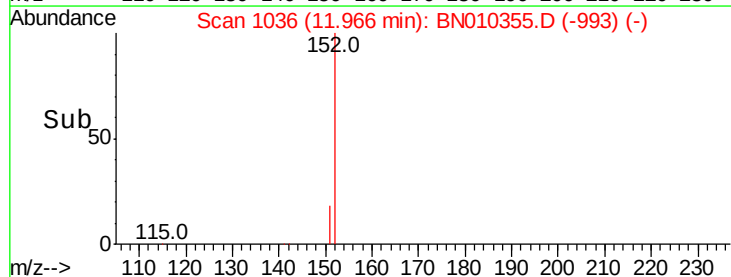
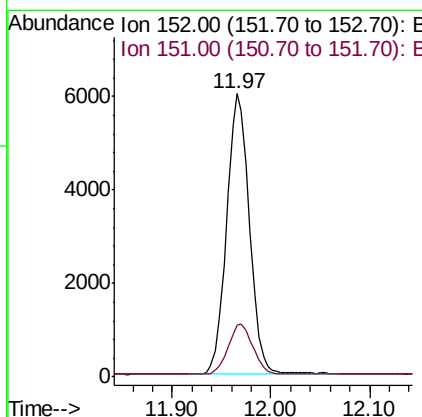
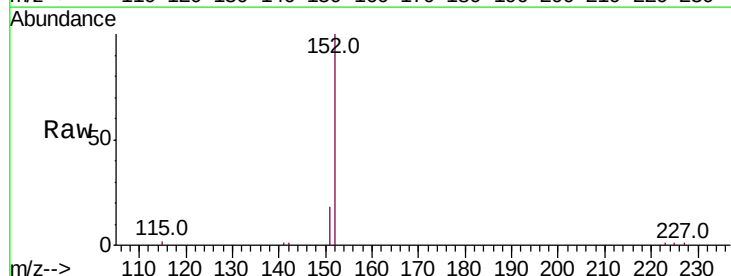
Instrument :
 BNA_N
 ClientSampleId :
 KY038PS038-200323

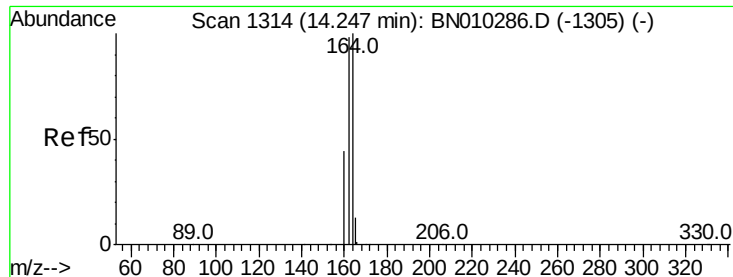
Tot Ion: 82 Resp: 7931
 Ion Ratio Lower Upper
 82 100
 128 42.1 28.8 43.2
 54 31.1 42.1 63.1#



#11
 2-Methylnaphthalene-d10
 Concen: 0.294 ng
 RT: 11.97 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BN010355.D
 Acq: 27 Mar 2020 17:09

Tgt Ion: 152 Resp: 9688
 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: BN010355.D

Acq: 27 Mar 2020 17:09

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200323

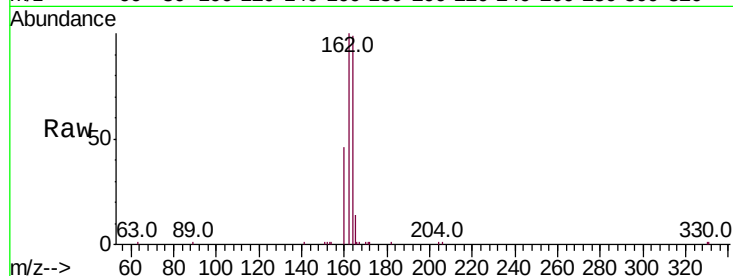
Tot Ion:164 Resp: 11590

Ion Ratio Lower Upper

164 100

162 101.2 78.2 117.2

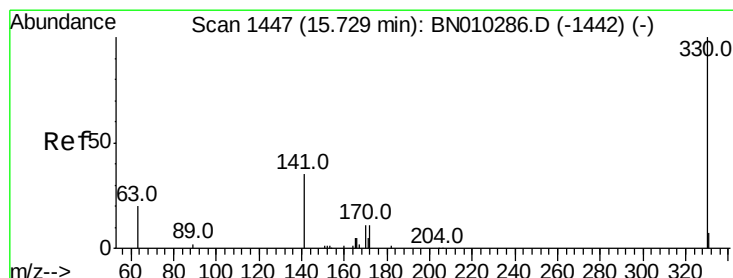
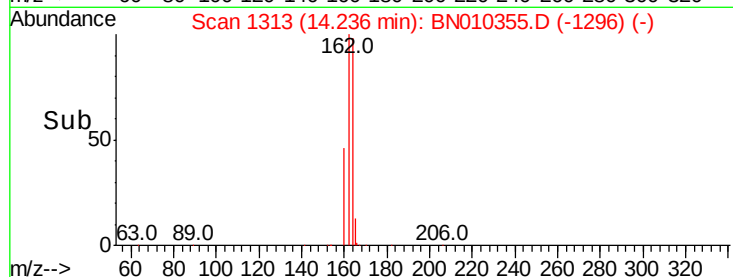
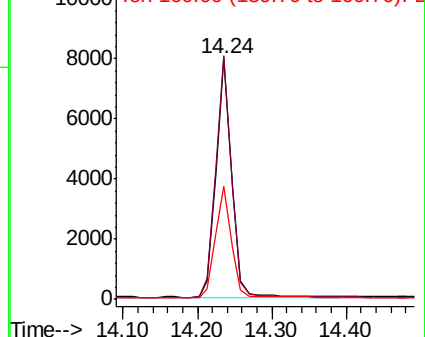
160 47.0 35.8 53.6



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: 0.324 ng

RT: 15.73 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BN010355.D

Acq: 27 Mar 2020 17:09

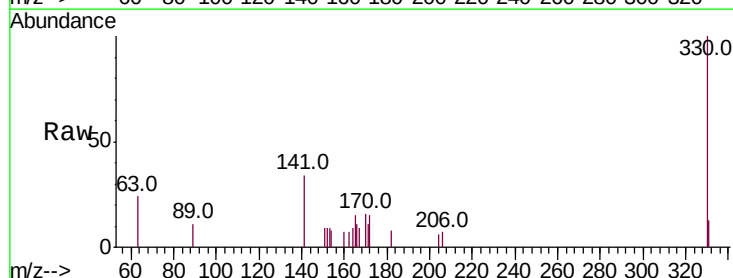
Tgt Ion:330 Resp: 1443

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

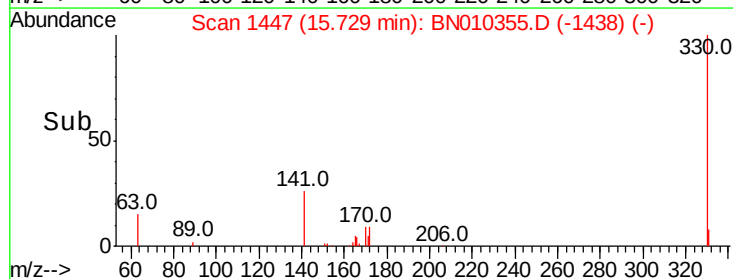
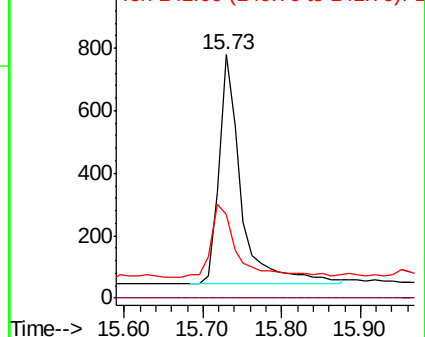
141 36.5 29.3 43.9

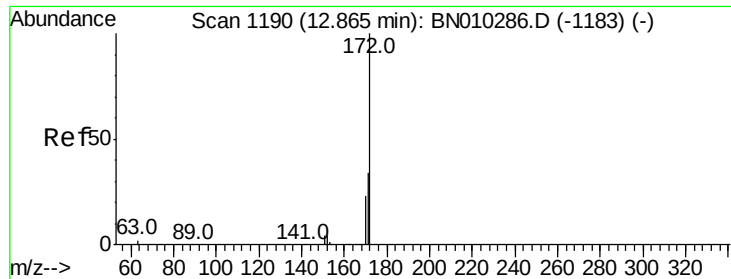


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

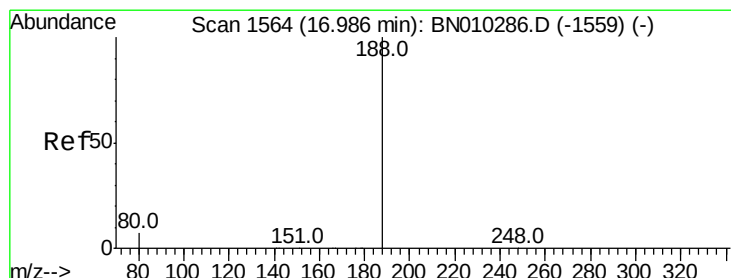
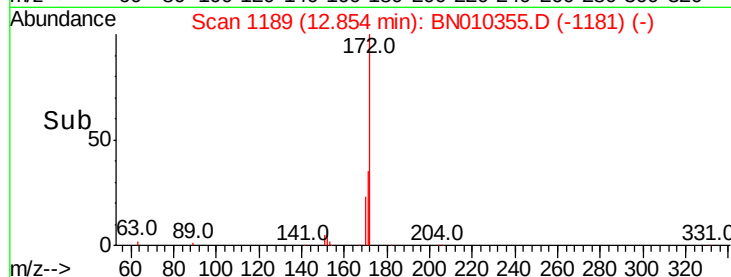
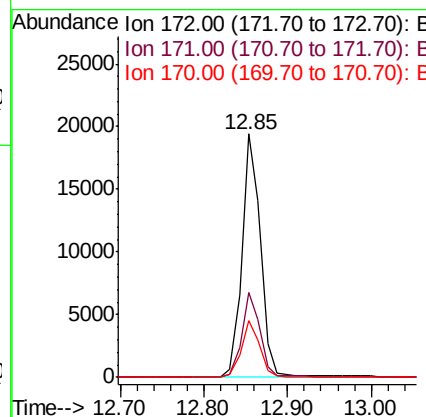
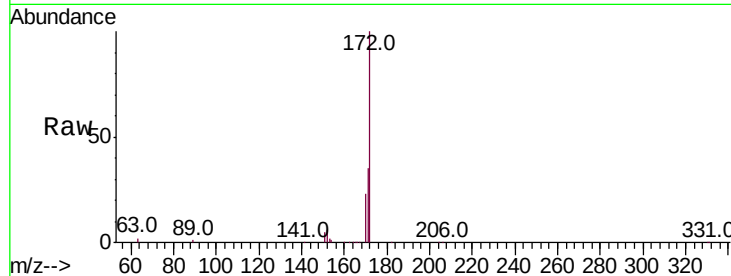




#15
2-Fluorobiphenyl
Concen: 0.665 ng
RT: 12.85 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BN010355.D
Acq: 27 Mar 2020 17:09

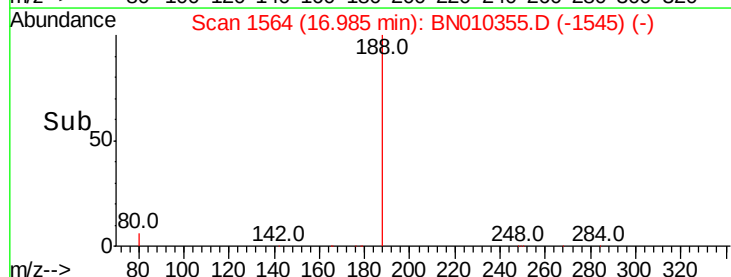
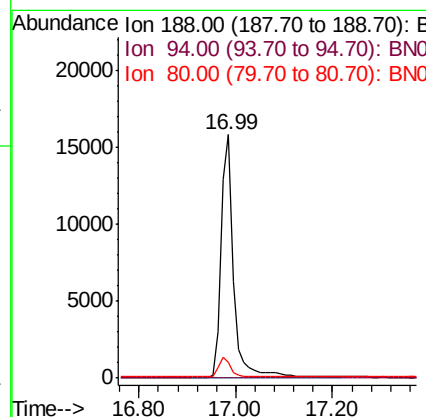
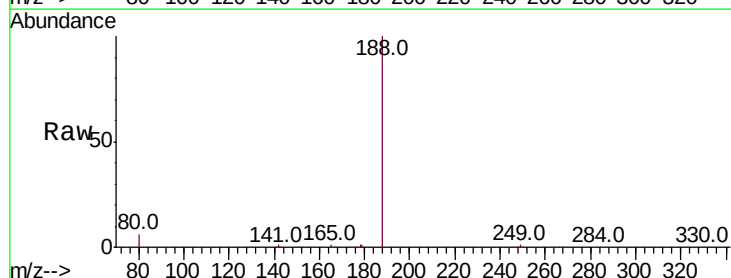
Instrument :
BNA_N
ClientSampleId :
KY038PS038-200323

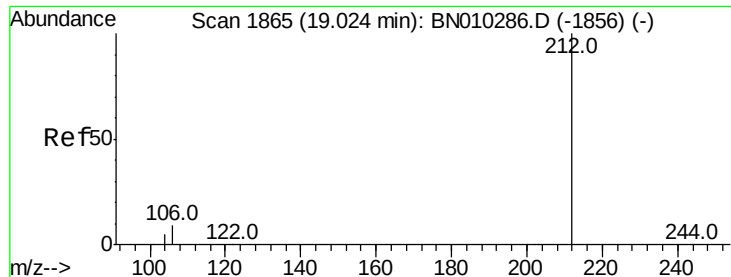
Tot Ion:172 Resp: 29478
Ion Ratio Lower Upper
172 100
171 35.1 27.6 41.4
170 23.3 18.5 27.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN010355.D
Acq: 27 Mar 2020 17:09

Tgt Ion:188 Resp: 28176
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.2 6.0 9.0





#25

Fluoranthene-d10

Concen: 0.297 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010355.D

Acq: 27 Mar 2020 17:09

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200323

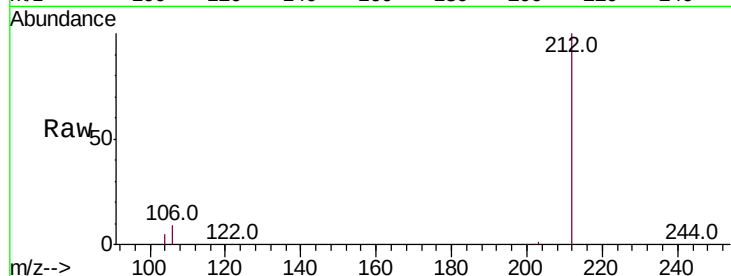
Tot Ion:212 Resp: 25204

Ion Ratio Lower Upper

212 100

106 9.7 7.4 11.2

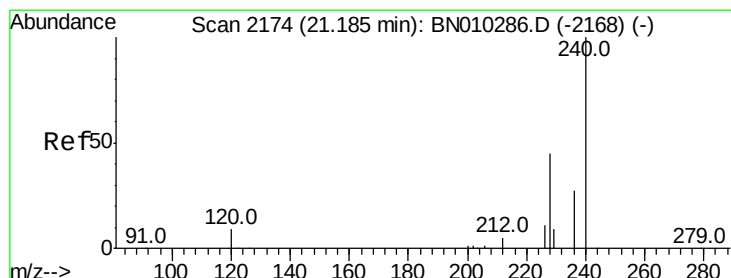
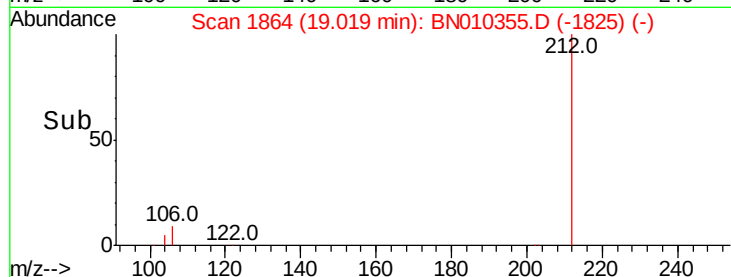
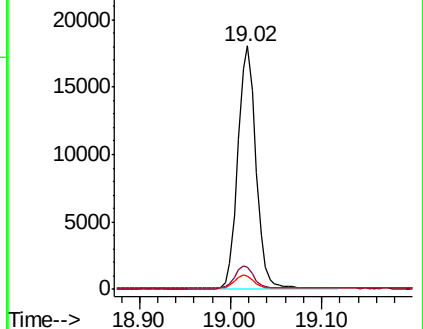
104 5.5 4.2 6.4



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: BN010355.D

Acq: 27 Mar 2020 17:09

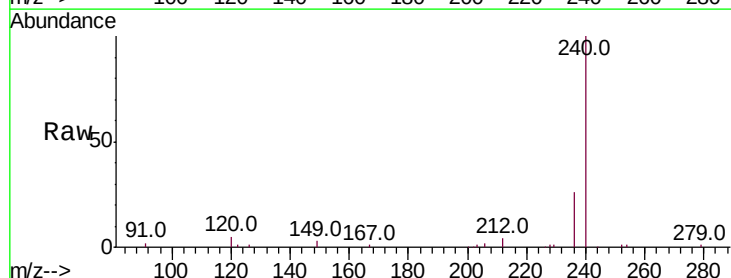
Tgt Ion:240 Resp: 28480

Ion Ratio Lower Upper

240 100

120 5.2 7.9 11.9#

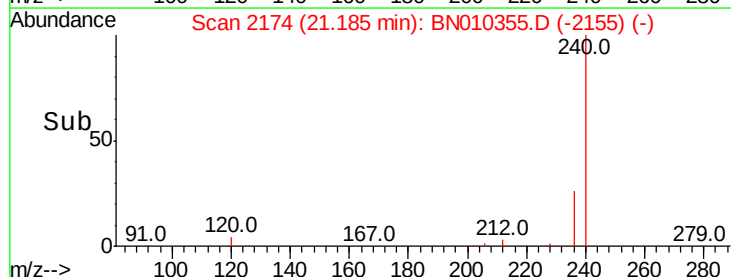
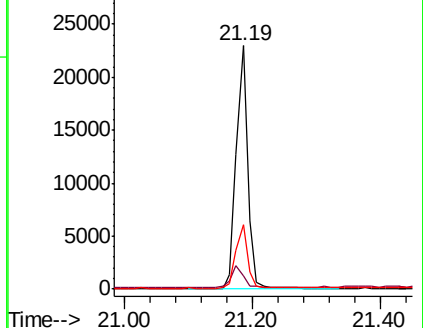
236 26.4 22.2 33.4

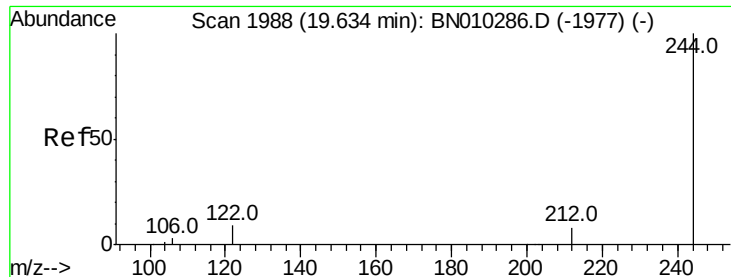


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.562 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BN010355.D

Acq: 27 Mar 2020 17:09

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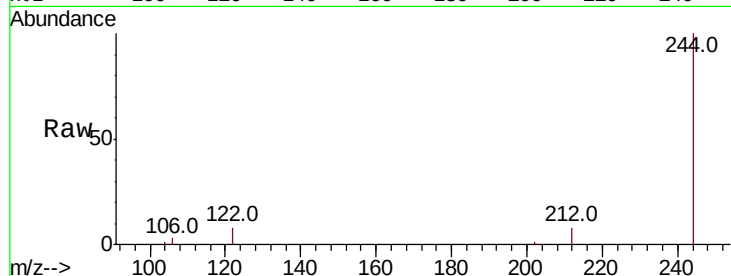
Tot Ion:244 Resp: 34598

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

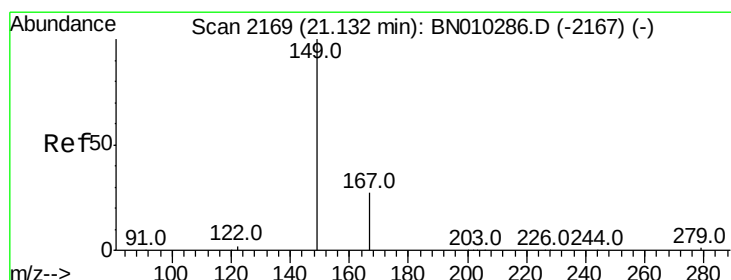
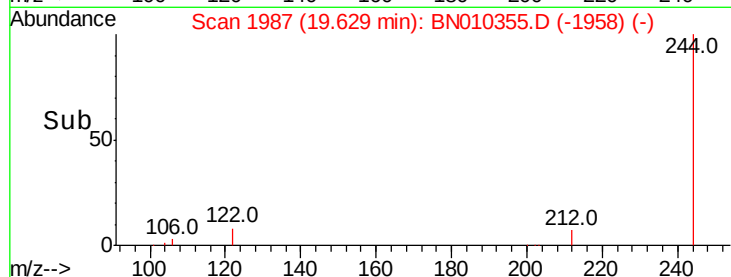
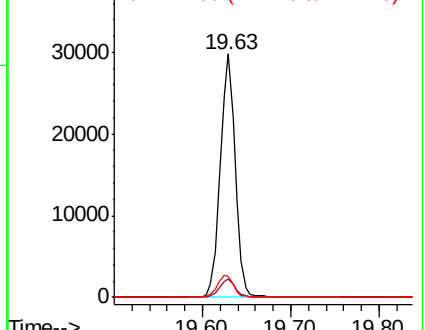
122 8.3 7.6 11.4



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.069 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN010355.D

Acq: 27 Mar 2020 17:09

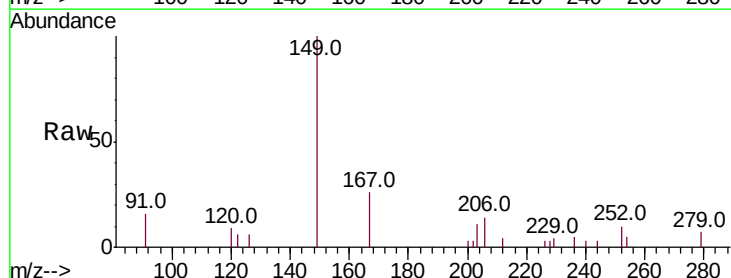
Tgt Ion:149 Resp: 2100

Ion Ratio Lower Upper

149 100

167 26.9 23.0 34.6

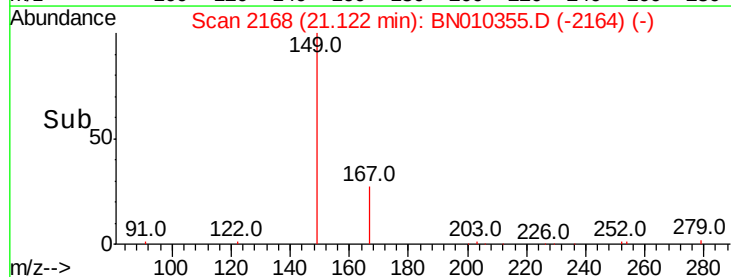
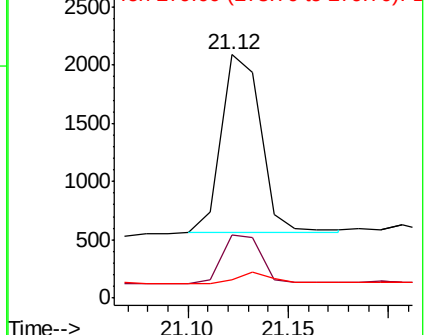
279 6.0 3.8 5.8#

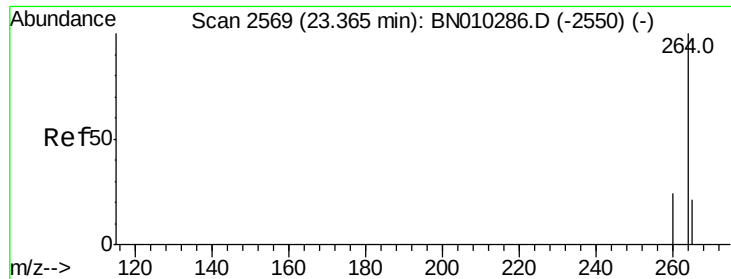


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BN010355.D
Acq: 27 Mar 2020 17:09

Instrument :
BNA_N
ClientSampleId :
KY038PS038-200323

Tot Ion:	264	Resp:	28963
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.5	29.3
265	40.7	32.4	48.6

