

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022020\
 Data File : BN009795.D
 Acq On : 21 Feb 2020 00:59
 Operator : CG/JU
 Sample : L1564-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200217

Quant Time: Feb 21 10:34:14 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

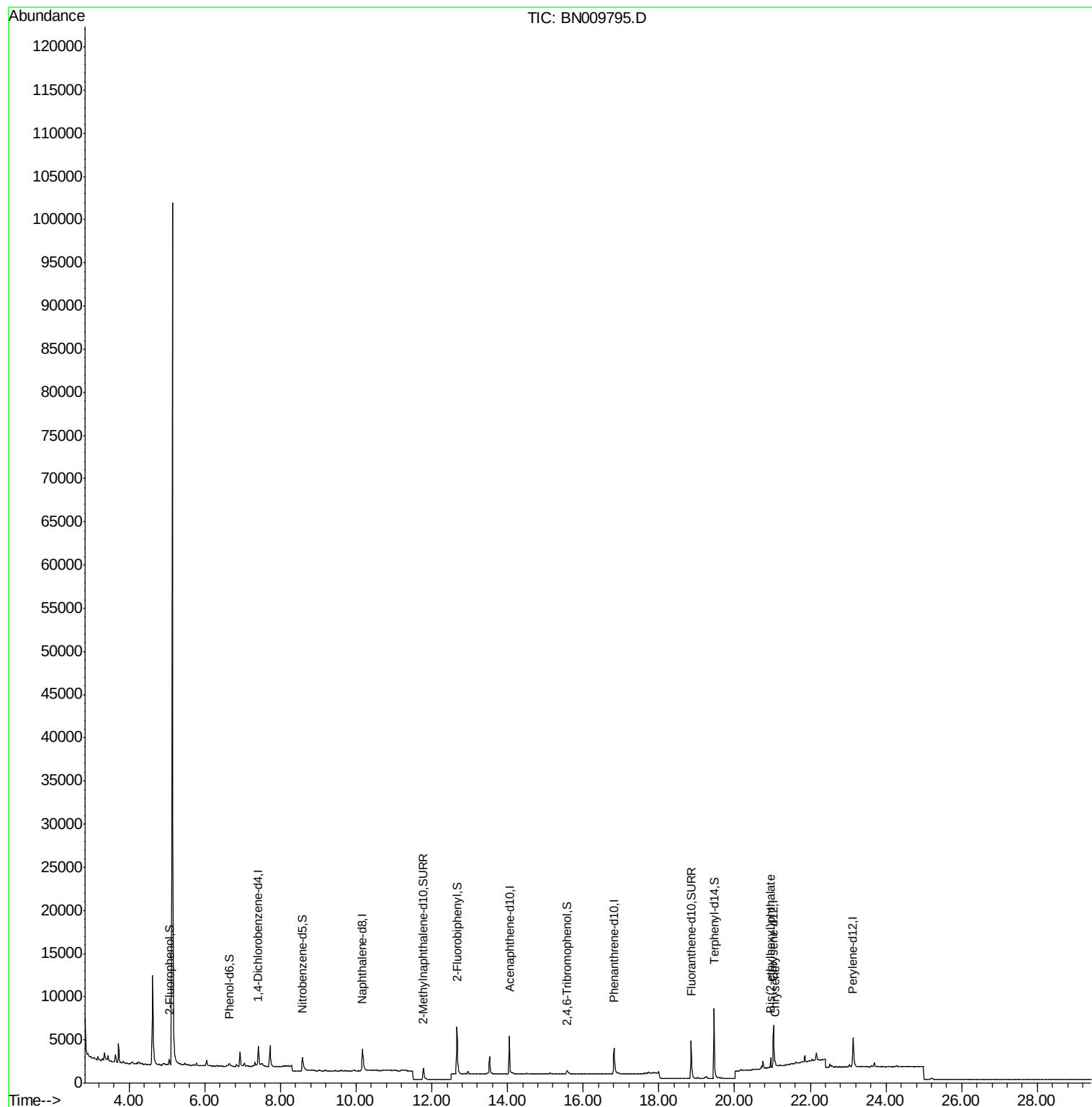
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	1457	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	4825	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	2863	0.40	ng	-0.01
19) Phenanthrene-d10	16.82	188	5479	0.40	ng	0.00
27) Chrysene-d12	21.03	240	5638	0.40	ng	-0.01
34) Perylene-d12	23.13	264	5252	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	546	0.17	ng	-0.02
5) Phenol-d6	6.64	99	382	0.10	ng	0.00
8) Nitrobenzene-d5	8.58	82	1940	0.48	ng	-0.01
11) 2-Methylnaphthalene-d10	11.77	152	2830	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.57	330	405	0.37	ng	-0.01
15) 2-Fluorobiphenyl	12.66	172	6119	0.57	ng	-0.02
25) Fluoranthene-d10	18.85	212	6269	0.33	ng	-0.01
29) Terphenyl-d14	19.46	244	9946	0.74	ng	-0.02
Target Compounds						
31) Chrysene	21.07	228	604	0.028	ng	# 81
32) Bis(2-ethylhexyl)phthalate	20.95	149	1030	0.113	ng	97

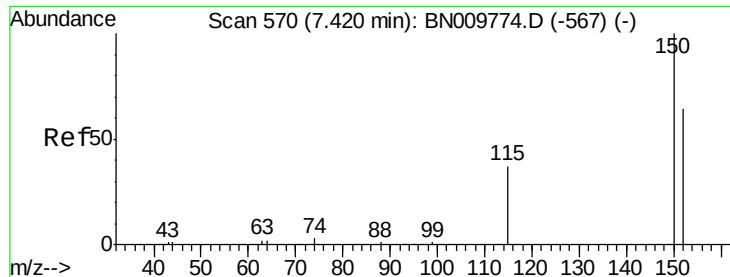
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.41 min Scan# 569

Delta R.T. -0.01 min

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ClientSampleId :

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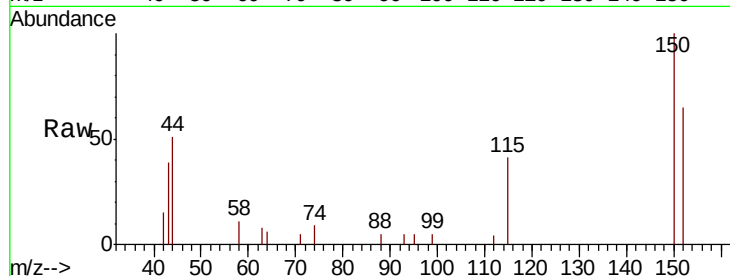
Tot Ion:152 Resp: 1457

Ion Ratio Lower Upper

152 100

150 152.9 120.6 181.0

115 62.9 51.2 76.8

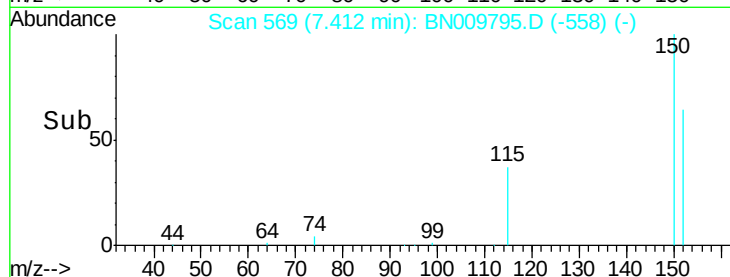


Abundance Ion 152.00 (151.70 to 152.70): E

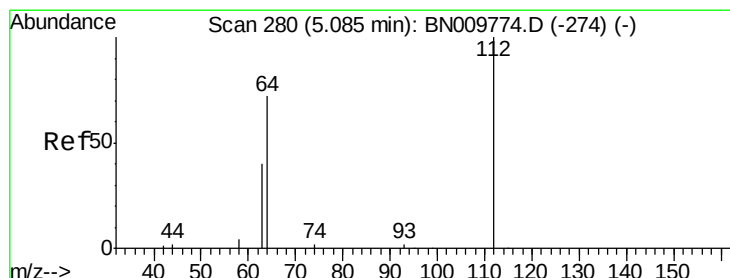
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



Time-->



#4

2-Fluorophenol

Concen: 0.169 ng

RT: 5.06 min Scan# 277

Delta R.T. -0.02 min

Lab File: BN009795.D

Acq: 21 Feb 2020 00:59

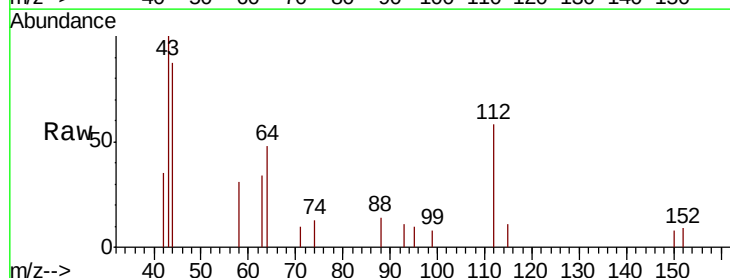
Tgt Ion:112 Resp: 546

Ion Ratio Lower Upper

112 100

64 76.2 65.8 98.6

63 48.0 38.7 58.1

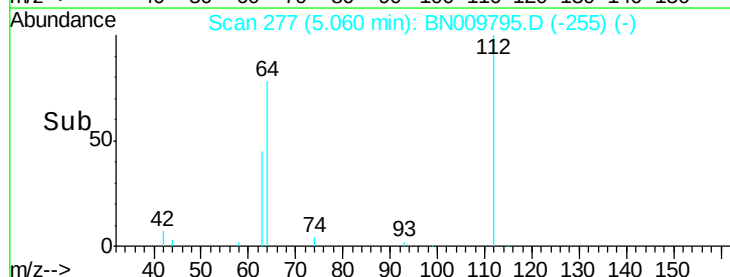


Abundance Ion 112.00 (111.70 to 112.70): E

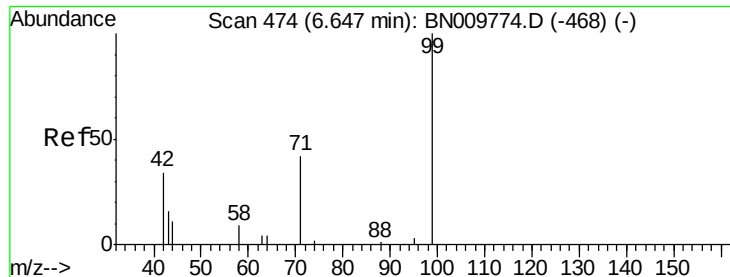
Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Time-->



Time-->



#5

Phenol-d6

Concen: 0.097 ng

RT: 6.64 min Scan# 473

Delta R.T. -0.01 min

Lab File: BN009795.D

Acq: 21 Feb 2020 00:59

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200217

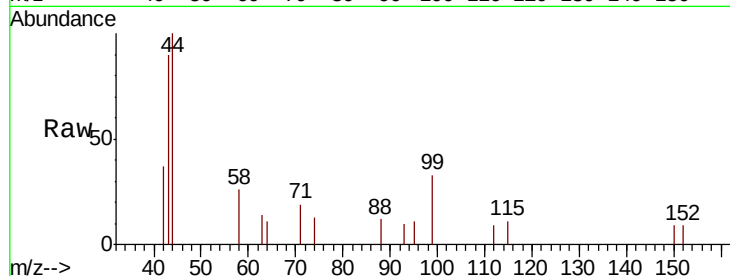
Tot Ion: 99 Resp: 382

Ion Ratio Lower Upper

99 100

42 28.8 30.8 46.2#

71 34.8 34.9 52.3#

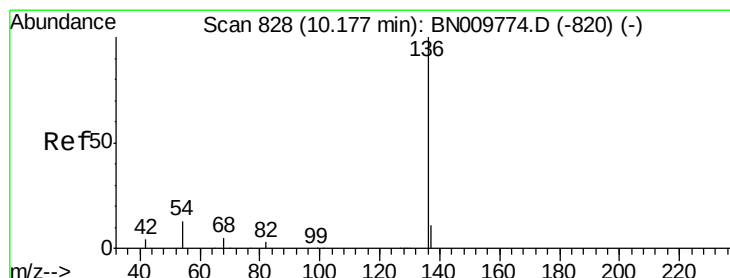
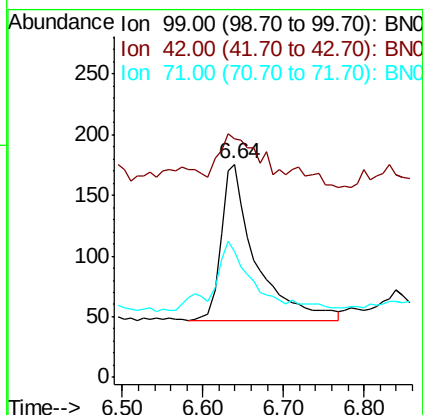
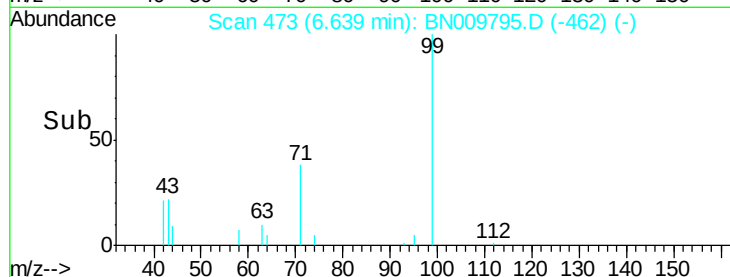


Abundance Ion 99.00 (98.70 to 99.70): BN009774.D (-468) (-)

Ion 42.00 (41.70 to 42.70): BN009774.D (-468) (-)

Ion 71.00 (70.70 to 71.70): BN009774.D (-468) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.01 min

Lab File: BN009795.D

Acq: 21 Feb 2020 00:59

Tgt Ion: 136 Resp: 4825

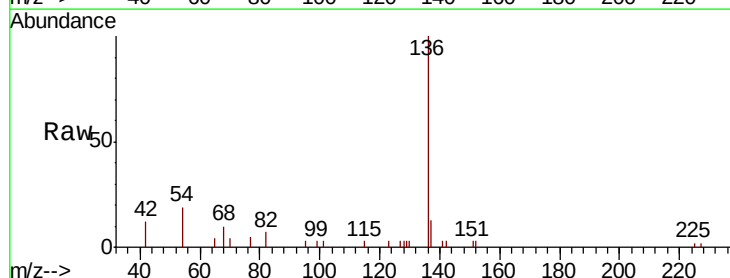
Ion Ratio Lower Upper

136 100

137 12.9 11.3 16.9

54 18.5 13.4 20.2

68 9.9 7.0 10.4



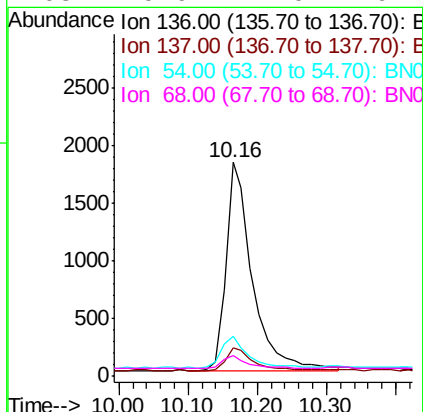
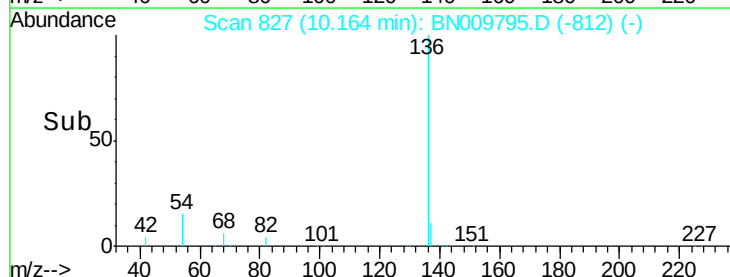
Abundance Ion 136.00 (135.70 to 136.70): BN009774.D (-820) (-)

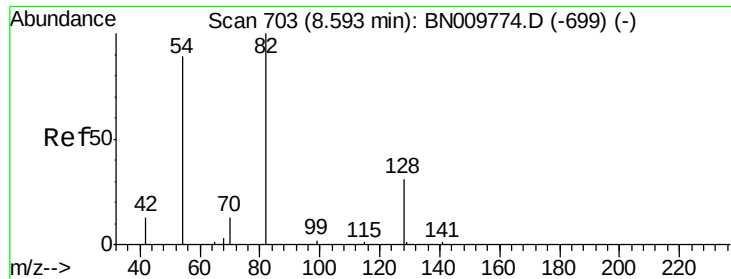
Ion 137.00 (136.70 to 137.70): BN009774.D (-820) (-)

Ion 54.00 (53.70 to 54.70): BN009774.D (-820) (-)

Ion 68.00 (67.70 to 68.70): BN009774.D (-820) (-)

Time-->

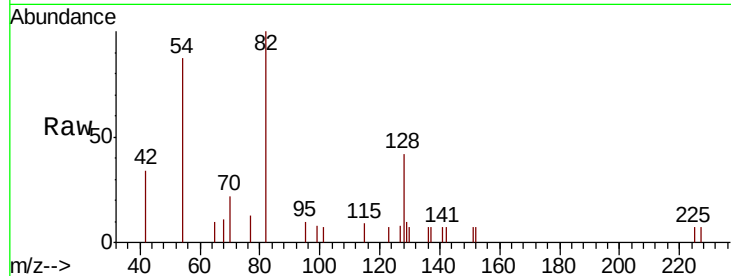




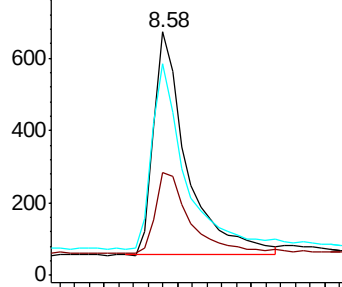
#8
 Nitrobenzene-d5
 Concen: 0.483 ng
 RT: 8.58 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BN009795.D
 Acq: 21 Feb 2020 00:59

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200217

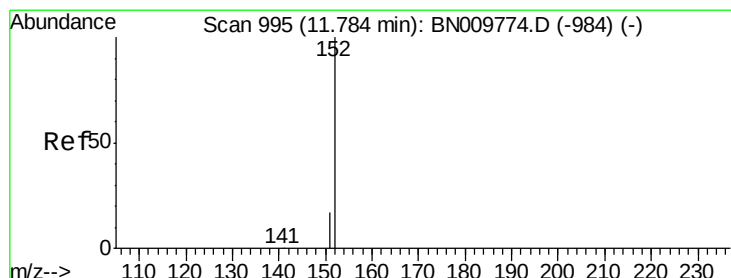
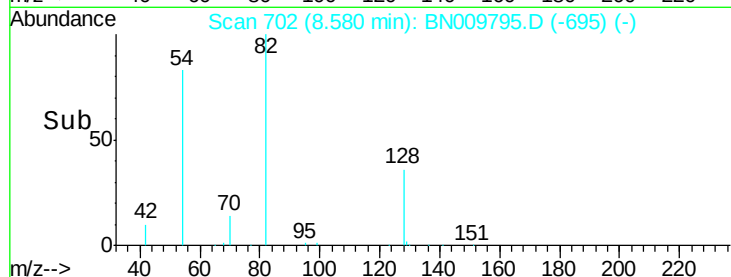
Tot Ion	82	Resp	1940
Ion Ratio	Lower	Upper	
82	100		
128	42.1	32.5	48.7
54	86.8	73.5	110.3



Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

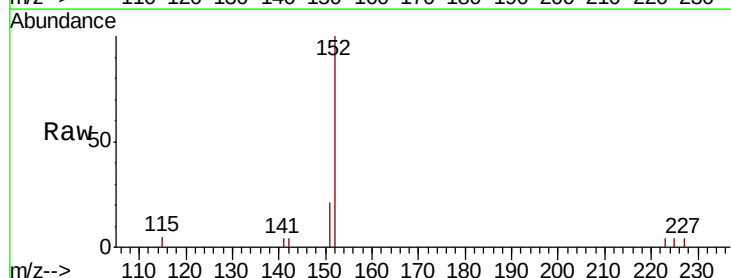


Time-->

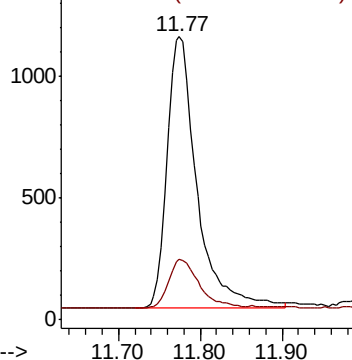


#11
 2-Methylnaphthalene-d10
 Concen: 0.303 ng
 RT: 11.77 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BN009795.D
 Acq: 21 Feb 2020 00:59

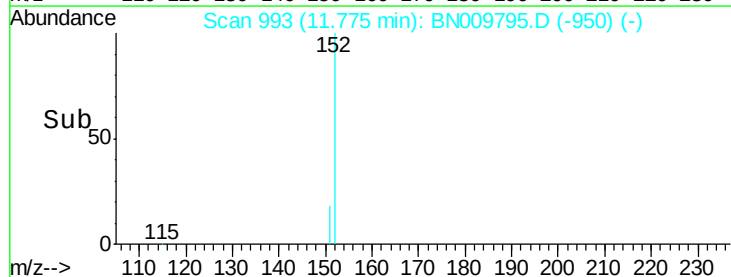
Tgt Ion	152	Resp	2830
Ion Ratio	Lower	Upper	
152	100		
151	18.6	15.1	22.7

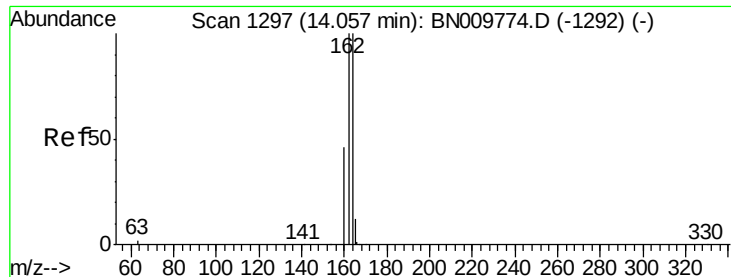


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E



Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN009795.D

Acq: 21 Feb 2020 00:59

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200217

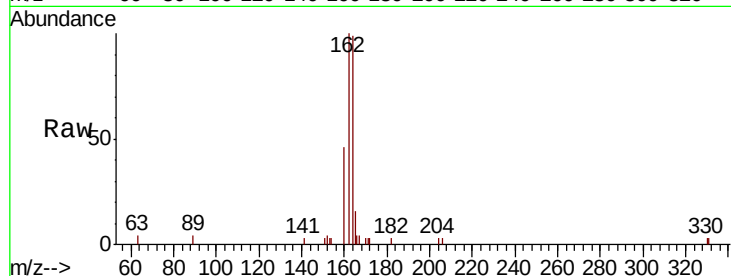
Tot Ion:164 Resp: 2863

Ion Ratio Lower Upper

164 100

162 101.2 79.9 119.9

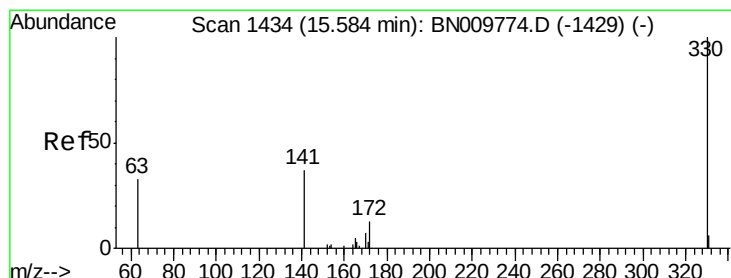
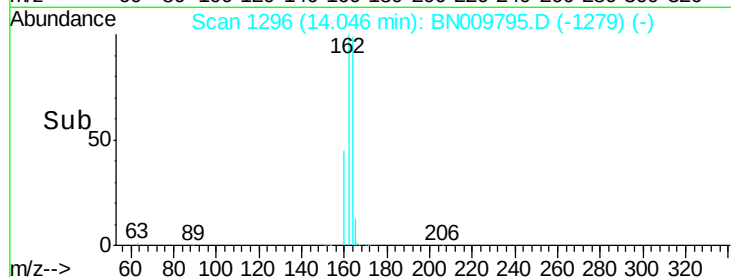
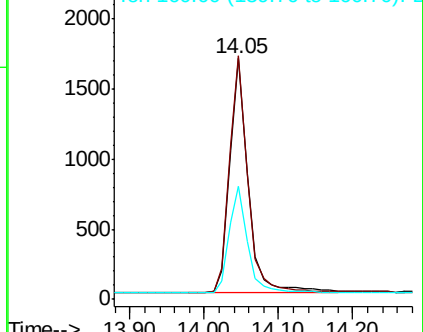
160 47.0 38.2 57.2



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: 0.367 ng

RT: 15.57 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BN009795.D

Acq: 21 Feb 2020 00:59

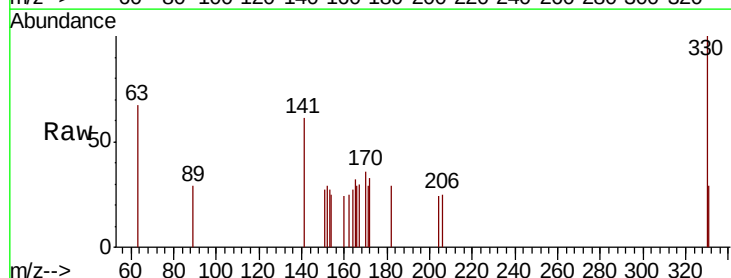
Tgt Ion:330 Resp: 405

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

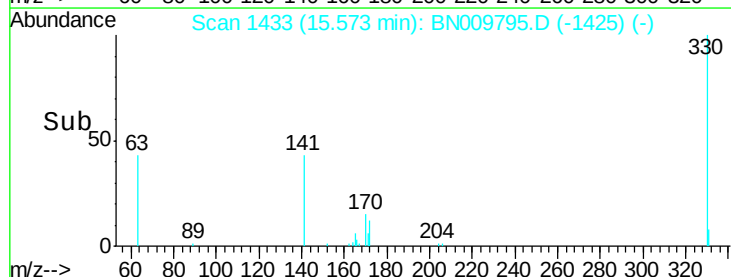
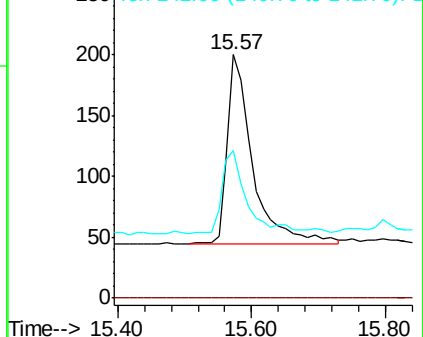
141 43.2 36.8 55.2

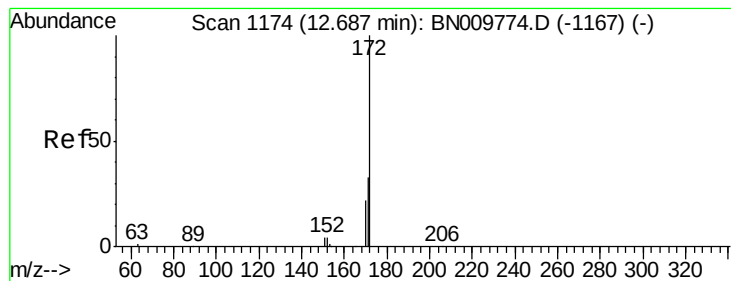


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.566 ng

RT: 12.66 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BN009795.D

Acq: 21 Feb 2020 00:59

Instrument :

BNA_N

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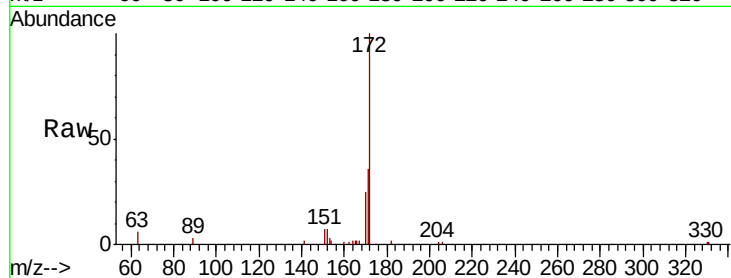
Tot Ion:172 Resp: 6119

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

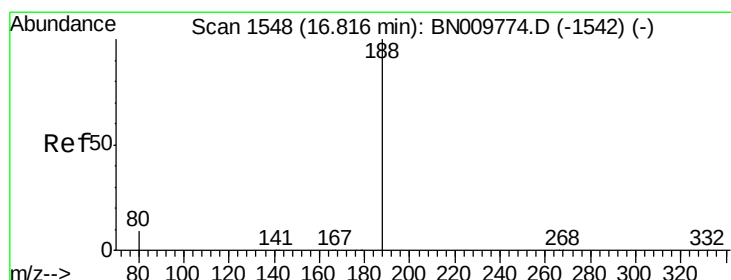
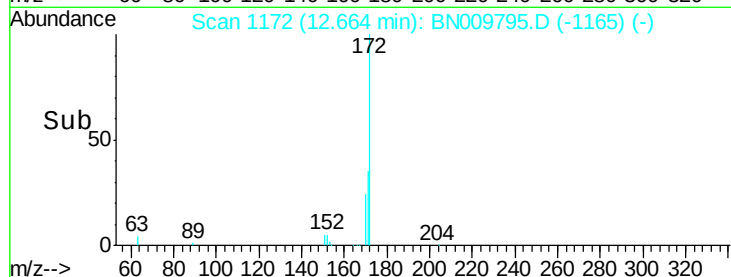
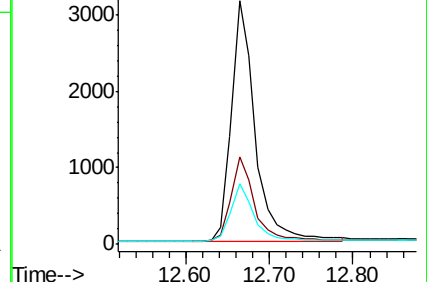
170 25.0 20.1 30.1



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: 16.82 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BN009795.D

Acq: 21 Feb 2020 00:59

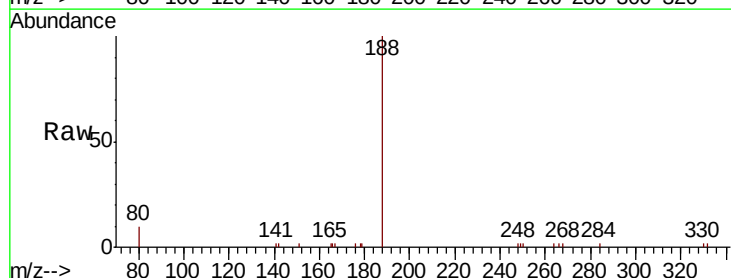
Tgt Ion:188 Resp: 5479

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

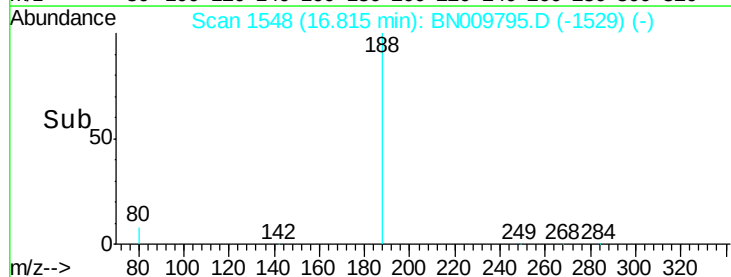
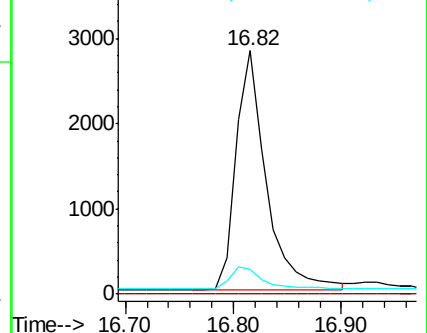
80 10.1 8.3 12.5

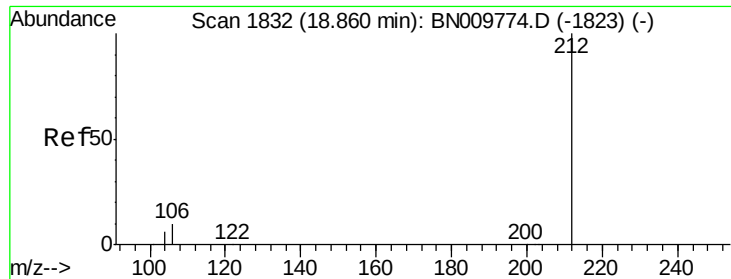


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.331 ng

RT: 18.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BN009795.D

Acq: 21 Feb 2020 00:59

Instrument :

BNA_N

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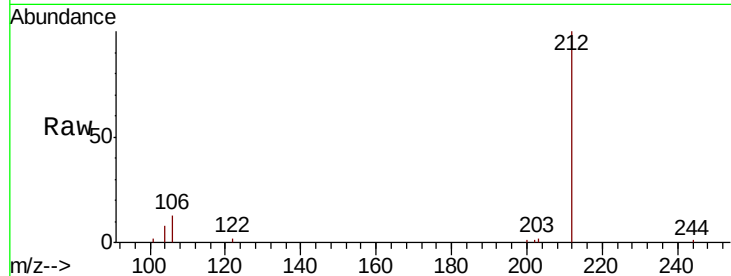
Tot Ion:212 Resp: 6269

Ion Ratio Lower Upper

212 100

106 10.9 8.4 12.6

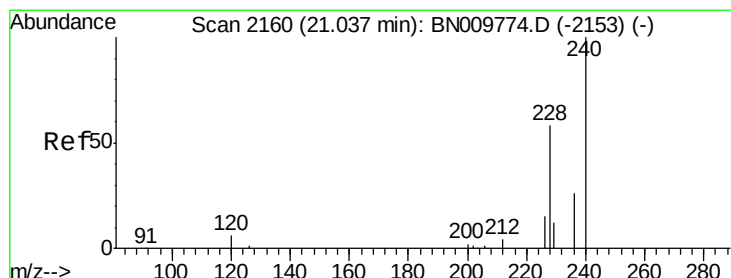
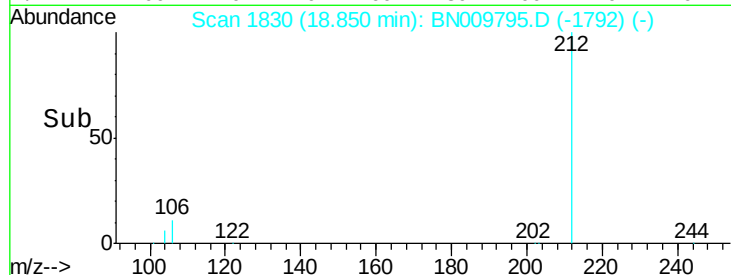
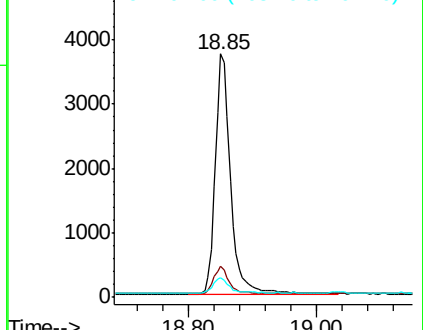
104 6.7 4.8 7.2



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: 21.03 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BN009795.D

Acq: 21 Feb 2020 00:59

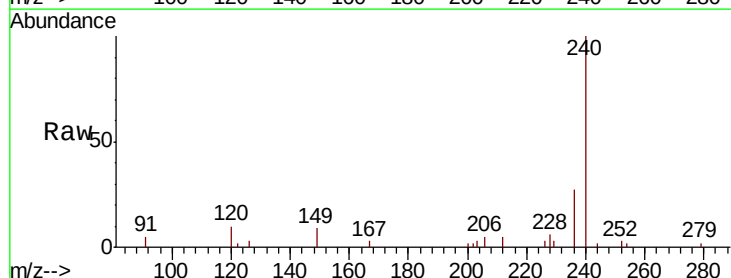
Tgt Ion:240 Resp: 5638

Ion Ratio Lower Upper

240 100

120 9.7 7.9 11.9

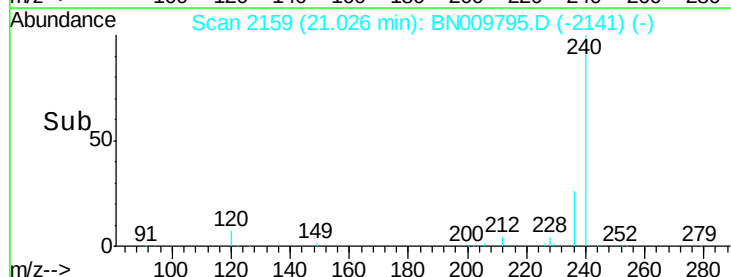
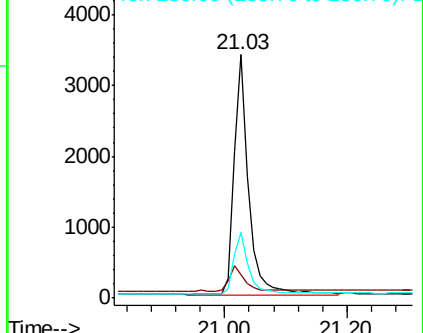
236 27.0 22.0 33.0

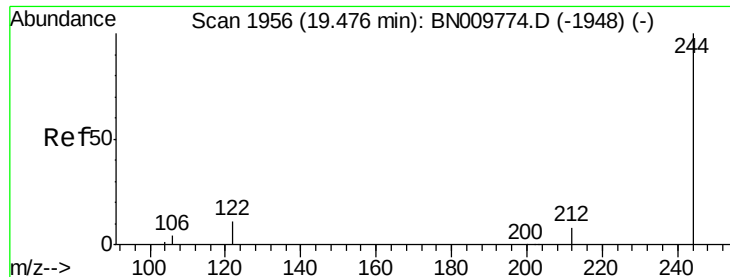


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.738 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BN009795.D

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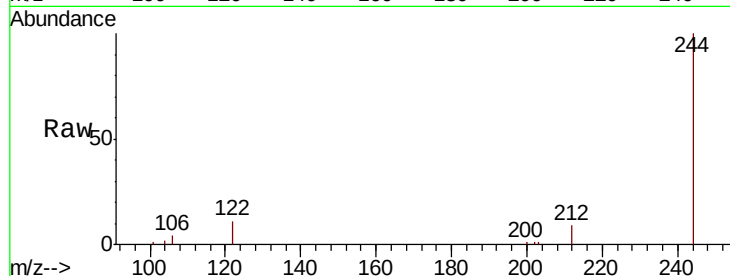
Tot Ion:244 Resp: 9946

Ion Ratio Lower Upper

244 100

212 8.7 8.0 12.0

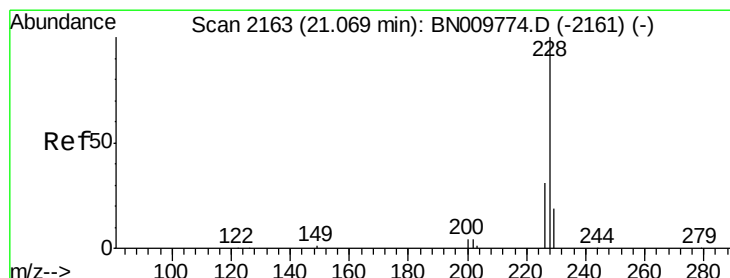
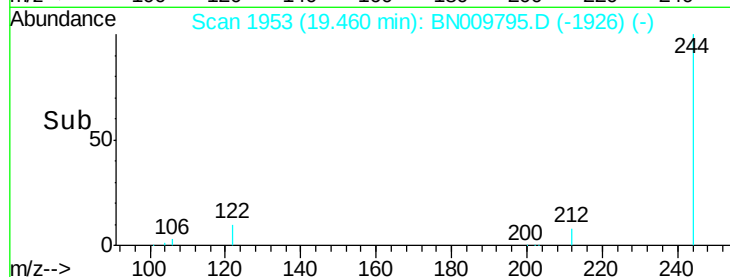
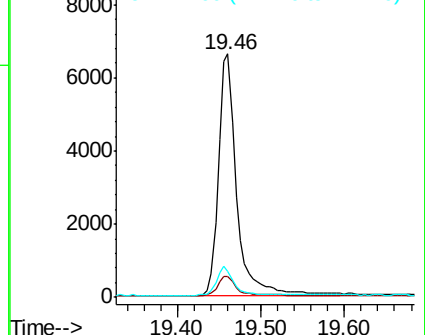
122 10.6 10.0 15.0



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



#31

Chrysene

Concen: 0.028 ng

RT: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN009795.D

Acq: 21 Feb 2020 00:59

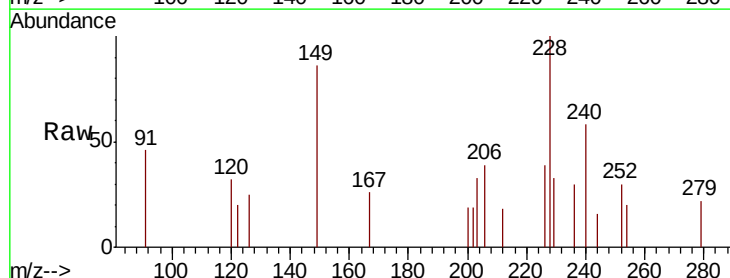
Tgt Ion:228 Resp: 604

Ion Ratio Lower Upper

228 100

226 38.7 24.8 37.2#

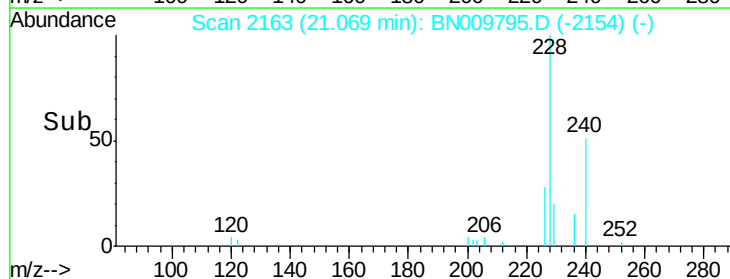
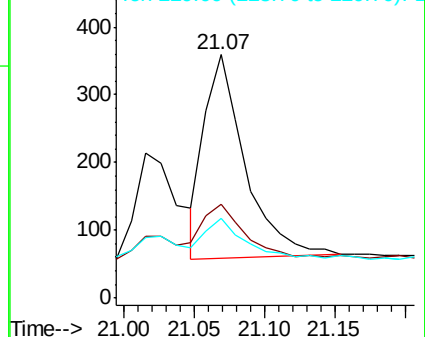
229 32.6 16.4 24.6#

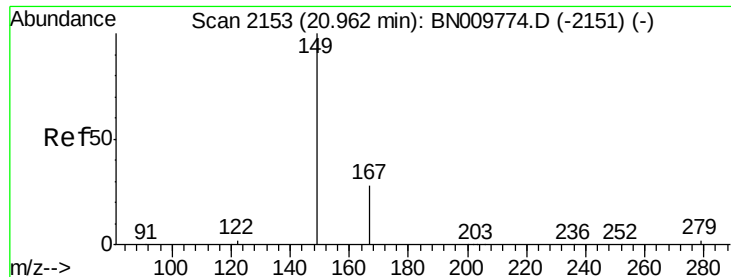


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

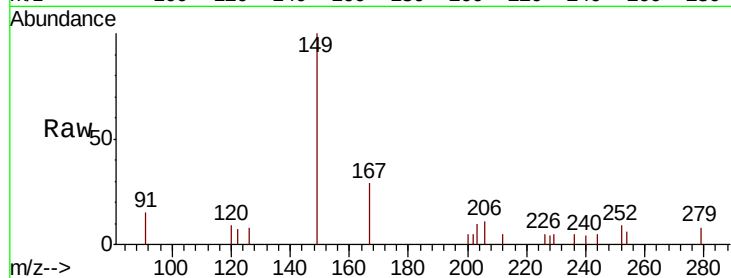




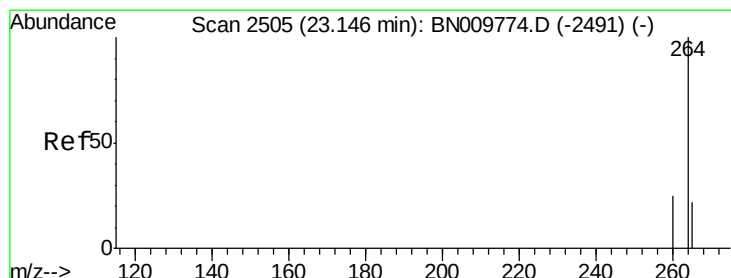
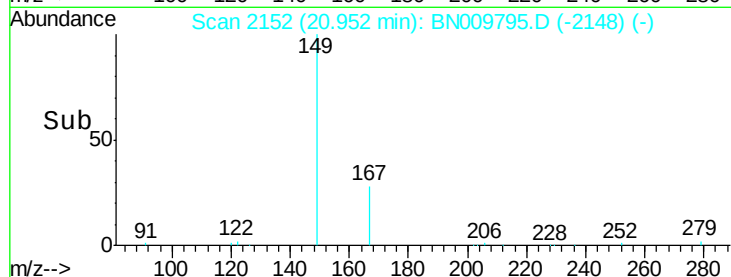
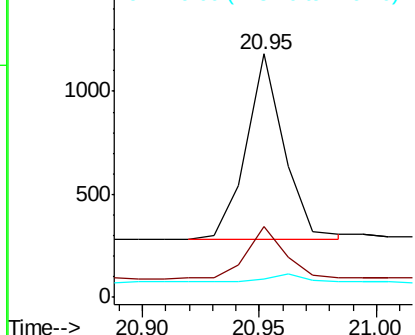
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.113 ng
 RT: 20.95 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BN009795.D
 Acq: 21 Feb 2020 00:59

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200217

Tot Ion:149 Resp: 1030
 Ion Ratio Lower Upper
 149 100
 167 26.7 22.7 34.1
 279 4.5 3.1 4.7

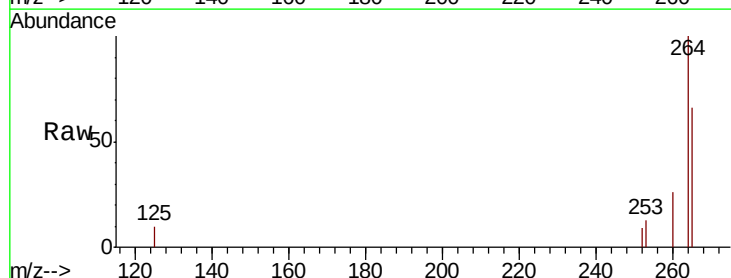


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.13 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BN009795.D
 Acq: 21 Feb 2020 00:59

Tgt Ion:264 Resp: 5252
 Ion Ratio Lower Upper
 264 100
 260 25.7 21.1 31.7
 265 65.9 57.5 86.3



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

