

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072820\
 Data File : BN011284.D
 Acq On : 28 Jul 2020 17:31
 Operator : CG/JU
 Sample : L3403-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 W-1

Quant Time: Jul 30 13:43:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 28 14:38:05 2020
 Response via : Initial Calibration

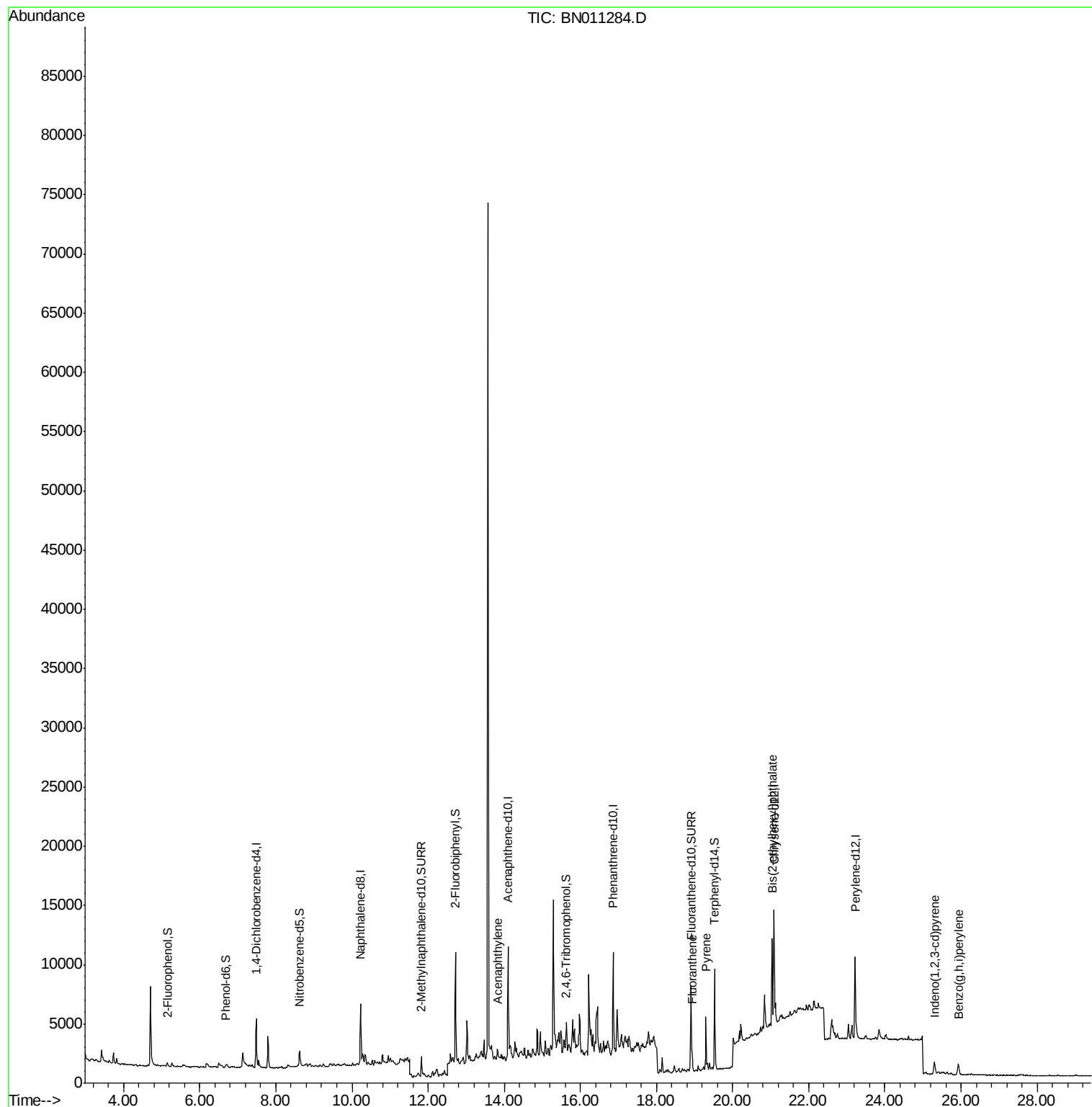
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1994	0.40	ng	0.00
7) Naphthalene-d8	10.22	136	7427	0.40	ng	0.00
13) Acenaphthene-d10	14.10	164	5330	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	10705	0.40	ng	0.00
29) Chrysene-d12	21.09	240	9422	0.40	ng	0.00
36) Perylene-d12	23.22	264	8827	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.15	112	325	0.06	ng	0.00
5) Phenol-d6	6.68	99	268	0.04	ng	0.00
8) Nitrobenzene-d5	8.63	82	1731	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	11.82	152	2599	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.61	330	330	0.13	ng	0.00
15) 2-Fluorobiphenyl	12.72	172	8109	0.35	ng	0.00
27) Fluoranthene-d10	18.91	212	8902	0.27	ng	0.00
31) Terphenyl-d14	19.52	244	8616	0.30	ng	0.00
Target Compounds						
16) Acenaphthylene	13.82	152	719	0.026	ng	Qvalue # 81
28) Fluoranthene	18.94	202	1749	0.044	ng	# 95
30) Pyrene	19.30	202	4156	0.098	ng	98
34) Bis(2-ethylhexyl)phthalate	21.04	149	7465	0.441	ng	100
35) Indeno(1,2,3-cd)pyrene	25.30	276	1569	0.045	ng	98
41) Benzo(q,h,i)perylene	25.93	276	1966	0.056	ng	# 81

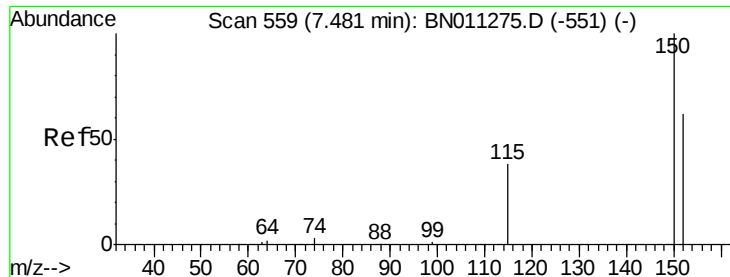
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.48 min Scan# 559

Delta R.T. 0.00 min

Lab File: BN011284.D

Acq: 28 Jul 2020 17:31

Instrument :

BNA_N

ClientSampleId :

W-1

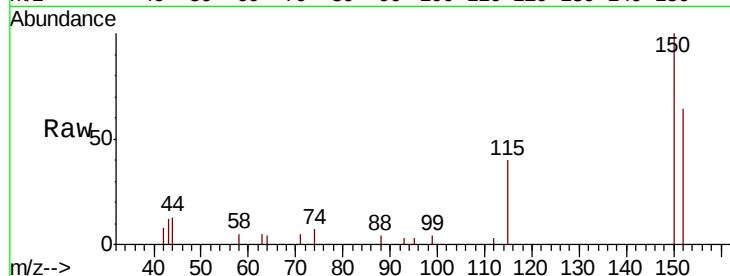
Tot Ion:152 Resp: 1994

Ion Ratio Lower Upper

152 100

150 155.4 126.5 189.7

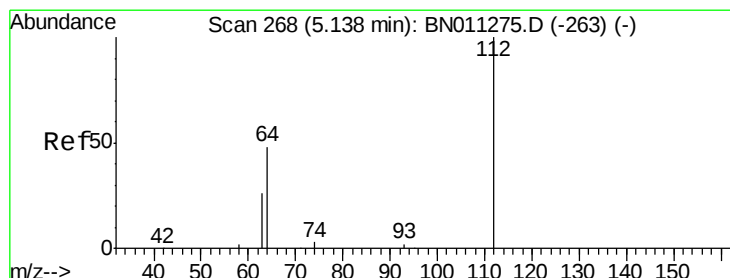
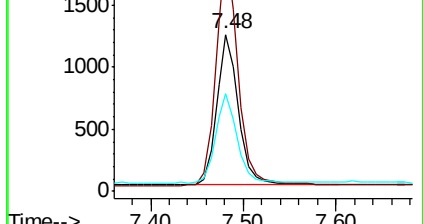
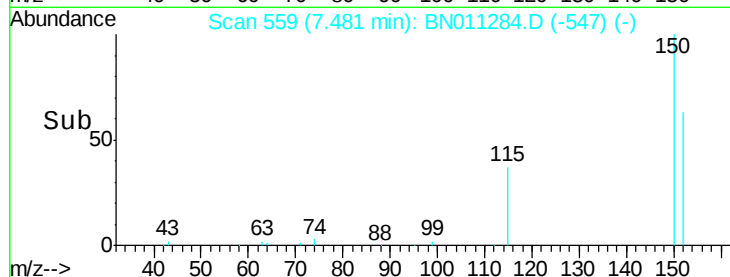
115 62.2 51.9 77.9



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: 0.062 ng

RT: 5.15 min Scan# 269

Delta R.T. 0.01 min

Lab File: BN011284.D

Acq: 28 Jul 2020 17:31

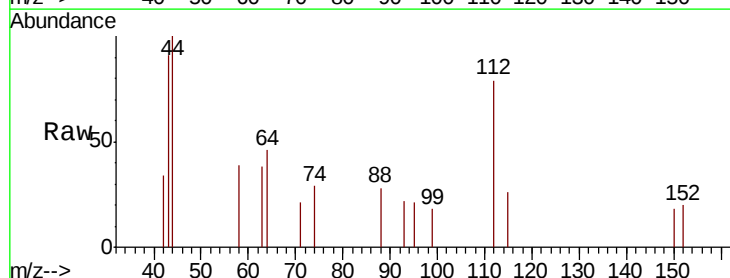
Tgt Ion:112 Resp: 325

Ion Ratio Lower Upper

112 100

64 47.4 35.8 53.6

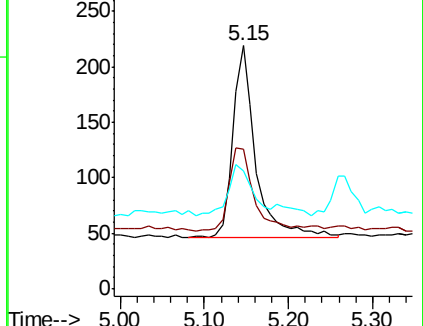
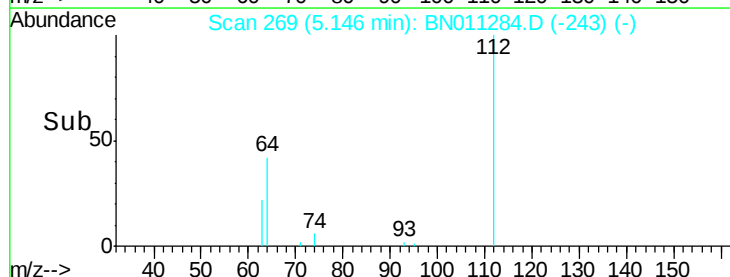
63 27.1 19.3 28.9

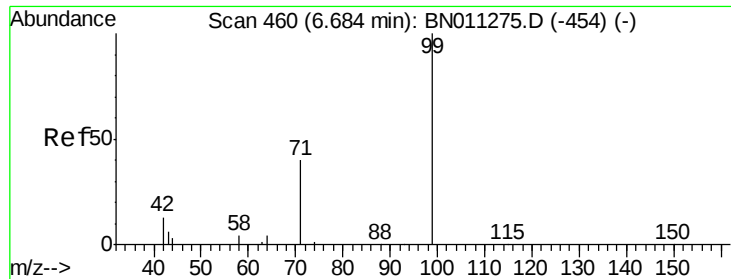


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.042 ng

RT: 6.68 min Scan# 460

Delta R.T. 0.00 min

Lab File: BN011284.D

Acq: 28 Jul 2020 17:31

Instrument :

BNA_N

ClientSampleId :

W-1

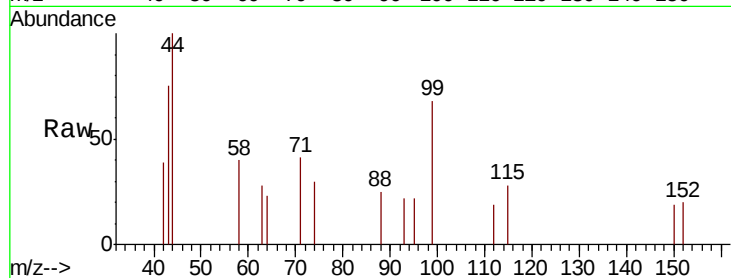
Tot Ion: 99 Resp: 268

Ion Ratio Lower Upper

99 100

42 6.7 11.2 16.8#

71 48.5 30.6 45.8#



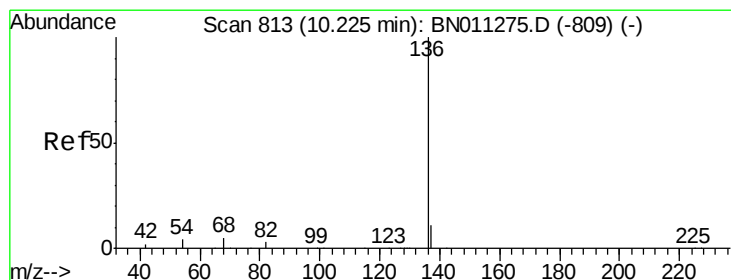
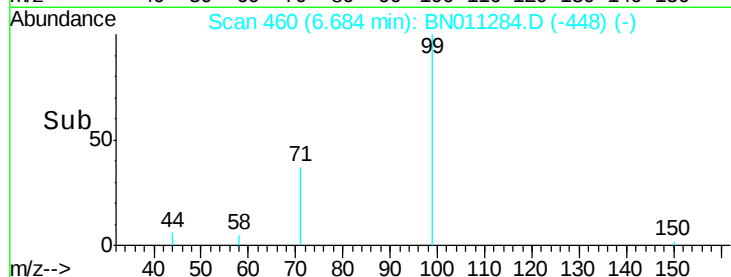
Abundance Ion 99.00 (98.70 to 99.70): BN011284.D (-454) (-)

Ion 42.00 (41.70 to 42.70): BN011284.D (-454) (-)

Ion 71.00 (70.70 to 71.70): BN011284.D (-454) (-)

6.68

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN011284.D

Acq: 28 Jul 2020 17:31

Tgt Ion: 136 Resp: 7427

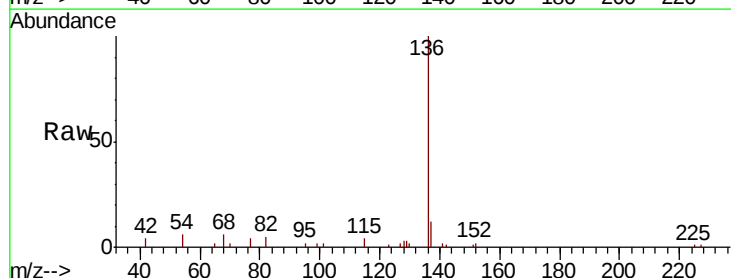
Ion Ratio Lower Upper

136 100

137 11.8 9.9 14.9

54 6.0 4.8 7.2

68 6.4 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): BN011284.D (-809) (-)

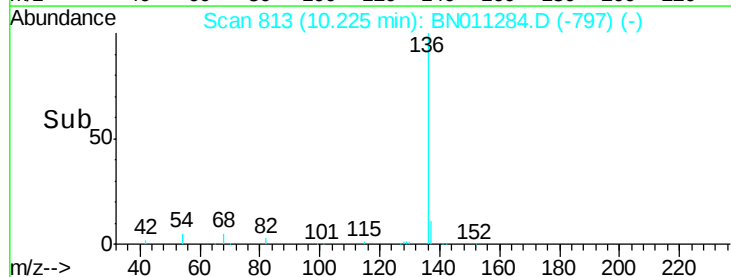
Ion 137.00 (136.70 to 137.70): BN011284.D (-809) (-)

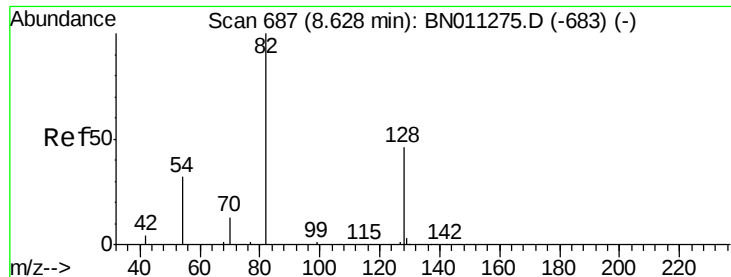
Ion 54.00 (53.70 to 54.70): BN011284.D (-809) (-)

Ion 68.00 (67.70 to 68.70): BN011284.D (-809) (-)

10.22

Time-->

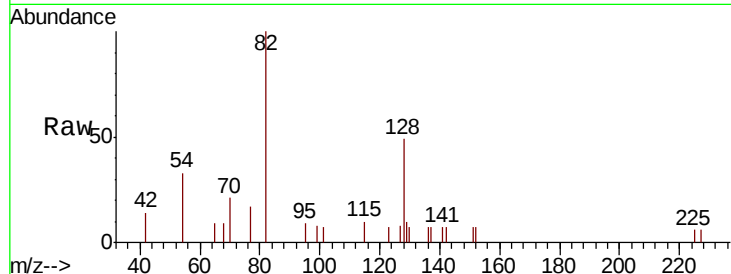




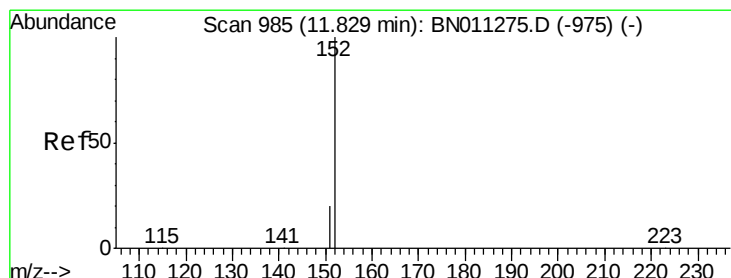
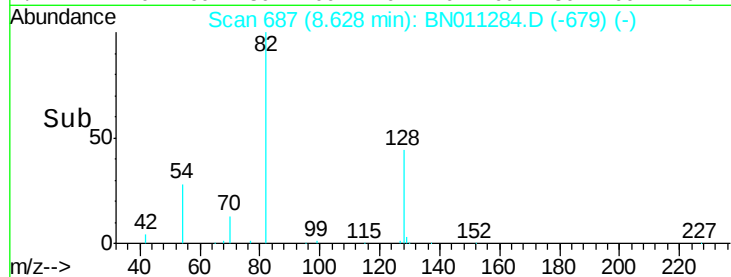
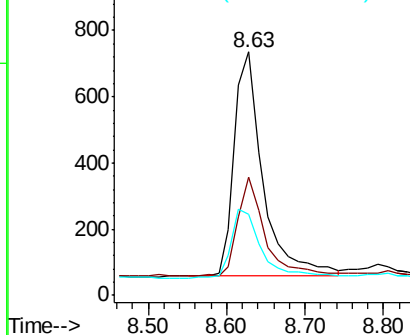
#8
Nitrobenzene-d5
Concen: 0.261 ng
RT: 8.63 min Scan# 687
Delta R.T. 0.00 min
Lab File: BN011284.D
Acq: 28 Jul 2020 17:31

Instrument :
BNA_N
ClientSampleId :
W-1

Tot Ion: 82 Resp: 1731
Ion Ratio Lower Upper
82 100
128 48.5 40.1 60.1
54 33.2 29.0 43.6

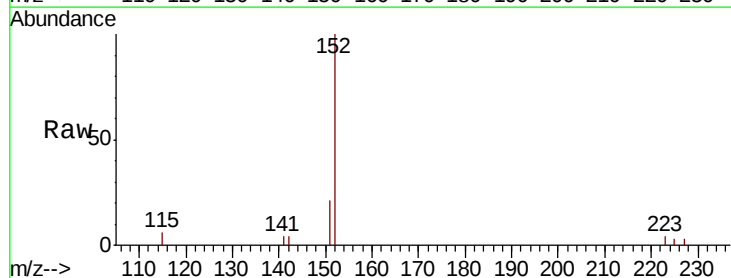


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

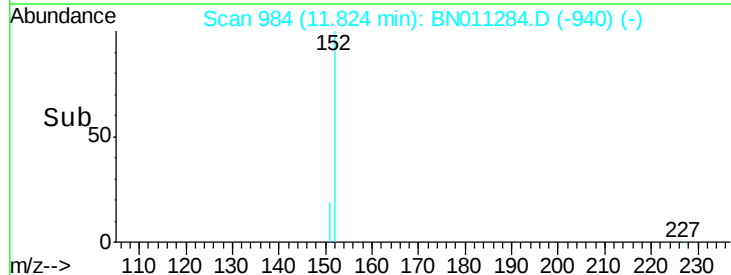
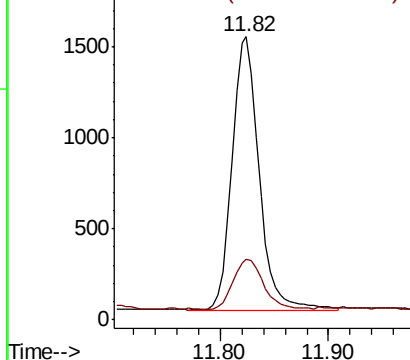


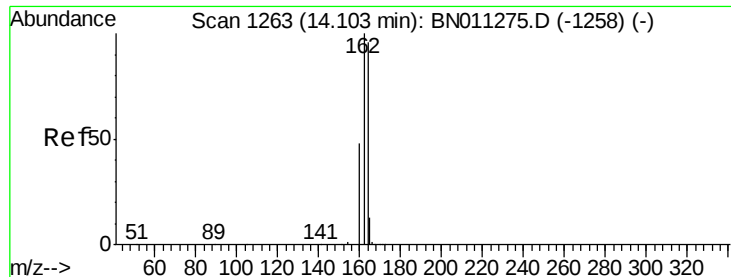
#11
2-Methylnaphthalene-d10
Concen: 0.192 ng
RT: 11.82 min Scan# 984
Delta R.T. -0.00 min
Lab File: BN011284.D
Acq: 28 Jul 2020 17:31

Tgt Ion: 152 Resp: 2599
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8



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

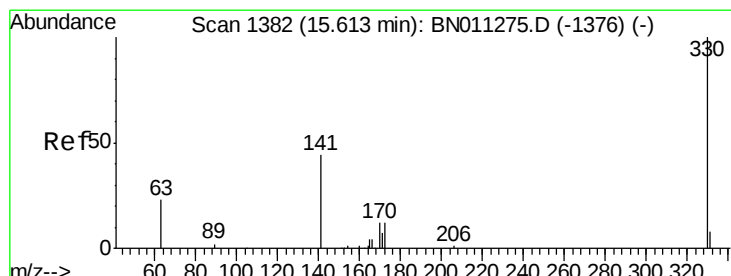
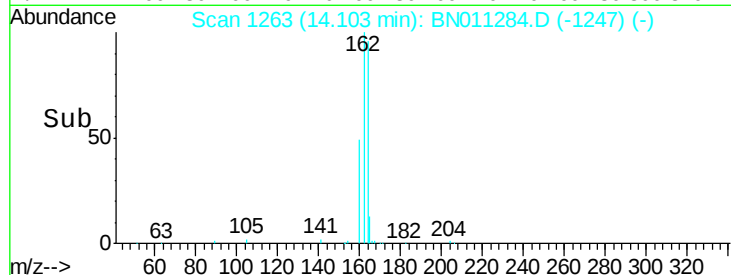
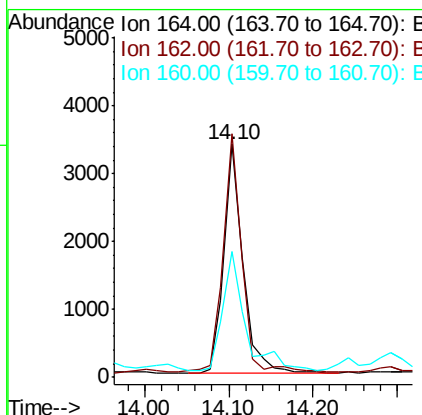
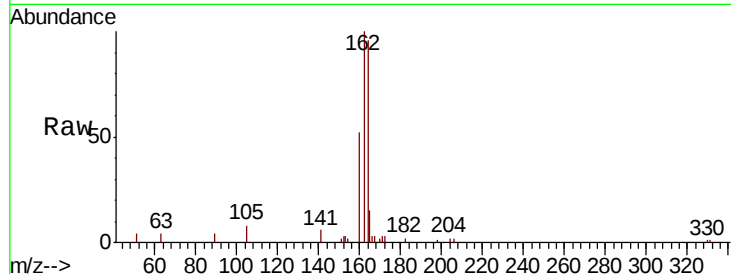




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.10 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BN011284.D
 Acq: 28 Jul 2020 17:31

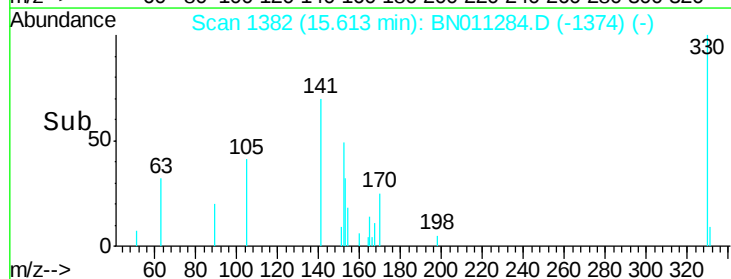
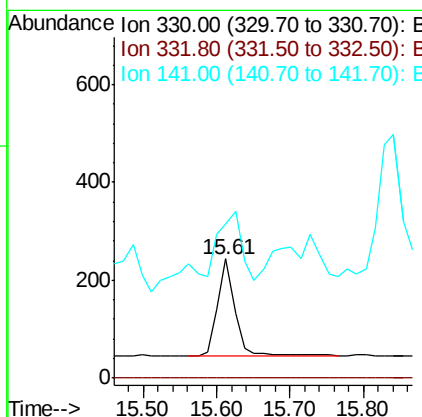
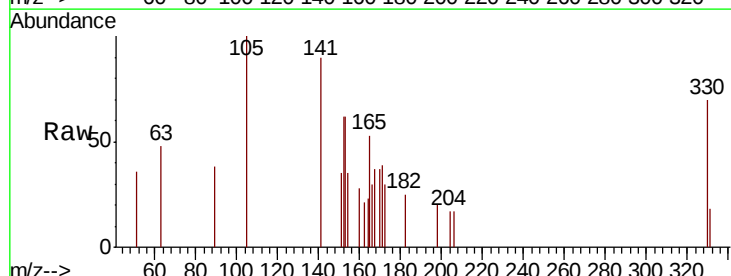
Instrument :
 BNA_N
 ClientSampleId :
 W-1

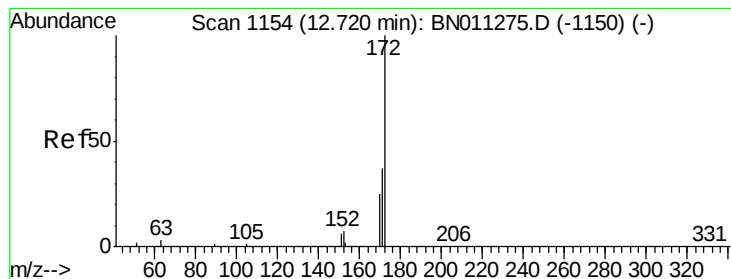
Tot Ion:164 Resp: 5330
 Ion Ratio Lower Upper
 164 100
 162 104.5 83.6 125.4
 160 54.0 41.2 61.8



#14
 2,4,6-Tribromophenol
 Concen: 0.134 ng
 RT: 15.61 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BN011284.D
 Acq: 28 Jul 2020 17:31

Tgt Ion:330 Resp: 330
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 103.0 34.2 51.2#





#15

2-Fluorobiphenyl

Concen: 0.352 ng

RT: 12.72 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BN011284.D

Acq: 28 Jul 2020 17:31

Instrument :

BNA_N

ClientSampleId :

W-1

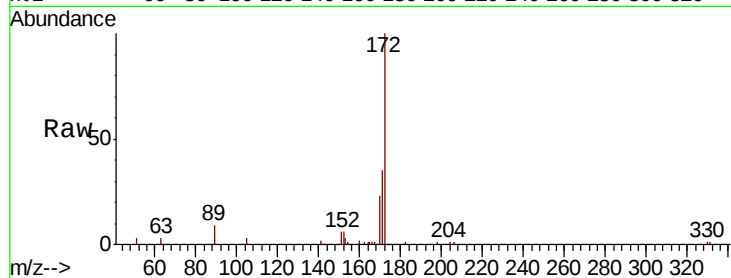
Tot Ion:172 Resp: 8109

Ion Ratio Lower Upper

172 100

171 35.0 30.6 46.0

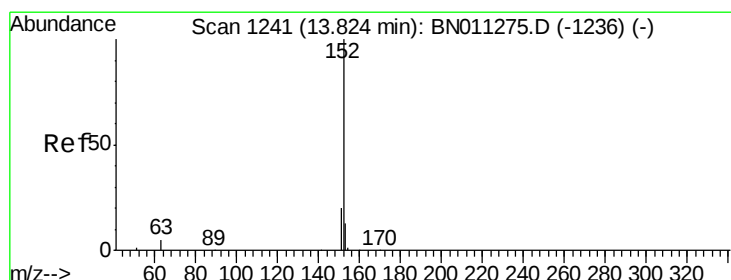
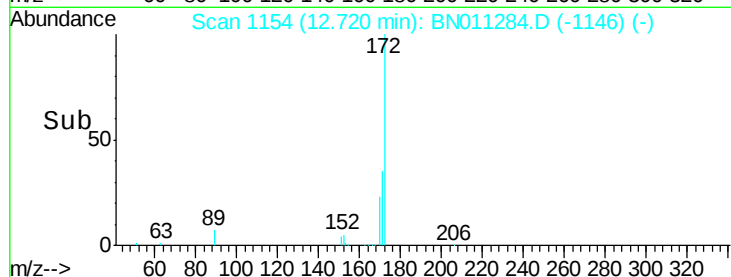
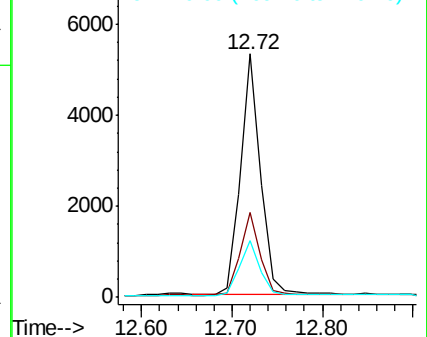
170 23.4 21.0 31.4



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



#16

Acenaphthylene

Concen: 0.026 ng

RT: 13.82 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BN011284.D

Acq: 28 Jul 2020 17:31

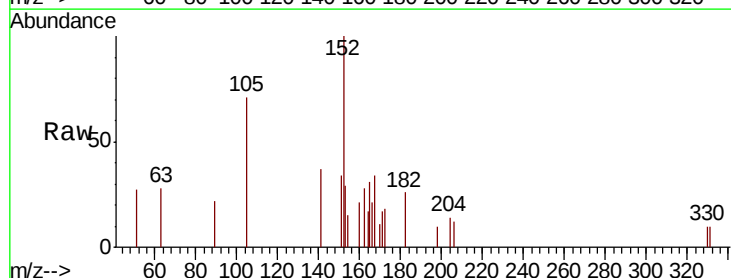
Tgt Ion:152 Resp: 719

Ion Ratio Lower Upper

152 100

151 30.7 15.8 23.8#

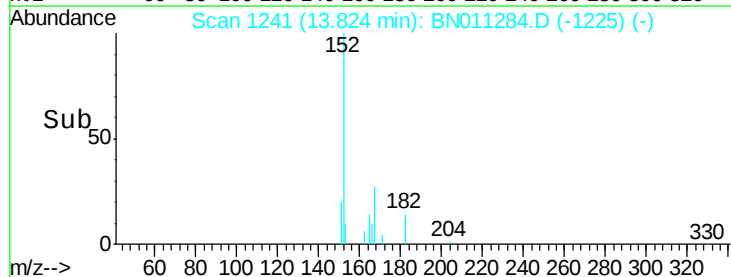
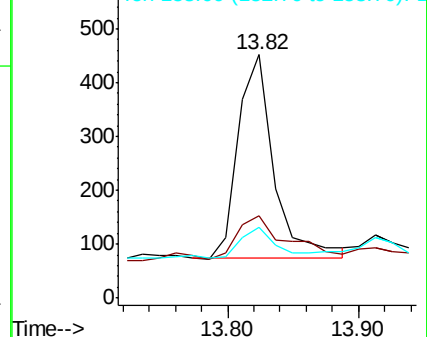
153 17.0 10.2 15.4#

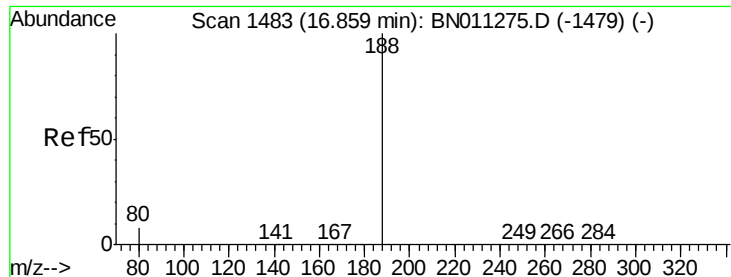


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.86 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BN011284.D

Acq: 28 Jul 2020 17:31

Instrument :

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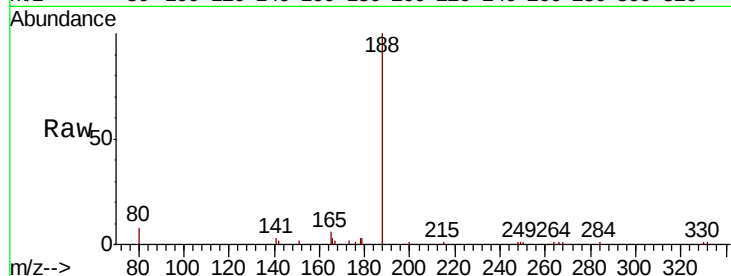
Tot Ion:188 Resp: 10705

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

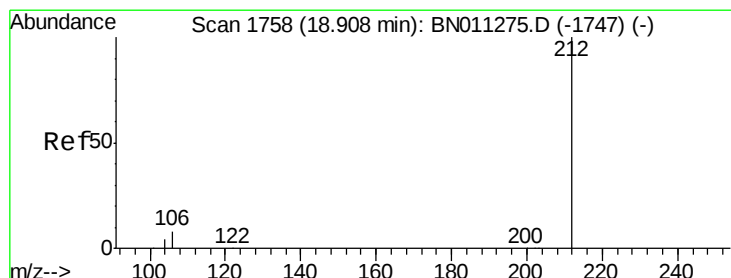
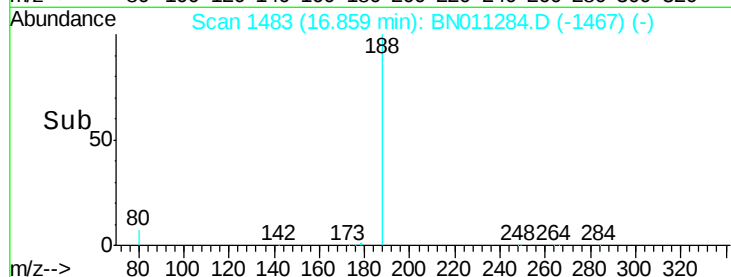
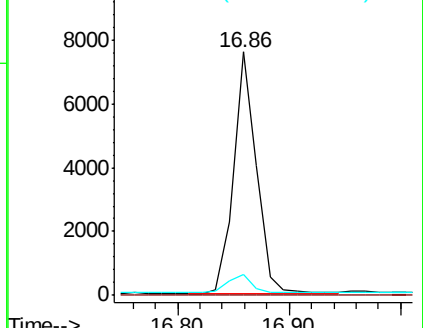
80 8.4 7.4 11.0



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



#27

Fluoranthene-d10

Concen: 0.272 ng

RT: 18.91 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BN011284.D

Acq: 28 Jul 2020 17:31

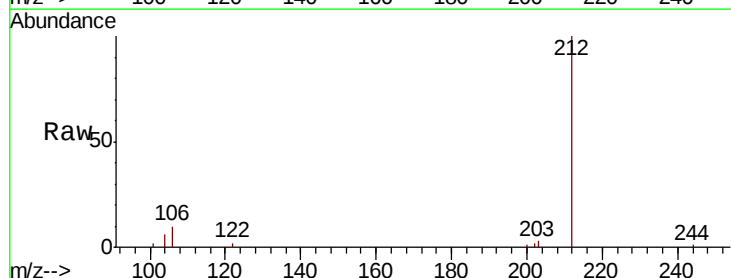
Tgt Ion:212 Resp: 8902

Ion Ratio Lower Upper

212 100

106 9.2 6.9 10.3

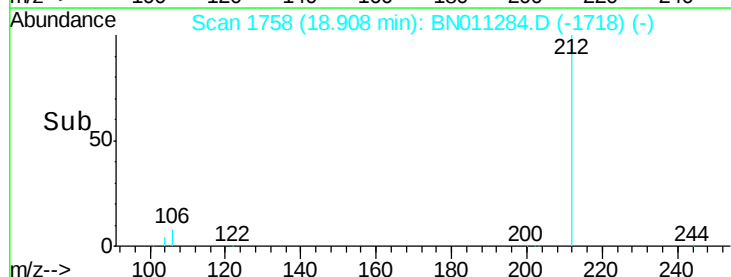
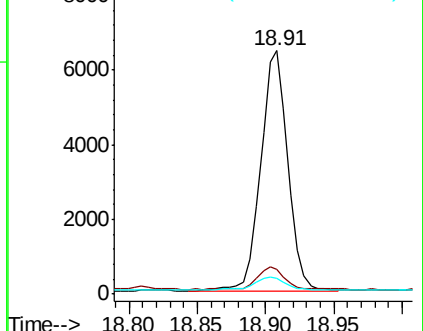
104 6.1 4.2 6.2

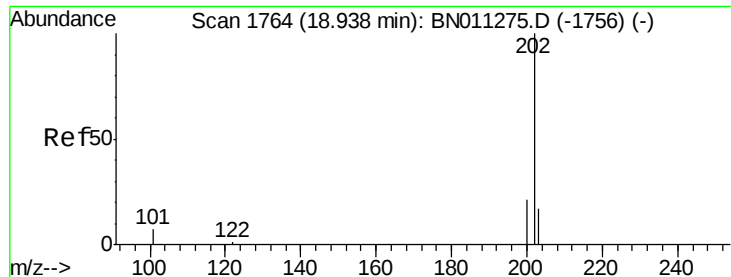


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#28

Fluoranthene

Concen: 0.044 ng

RT: 18.94 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BN011284.D

Acq: 28 Jul 2020 17:31

Instrument :

BNA_N

ClientSampleId :

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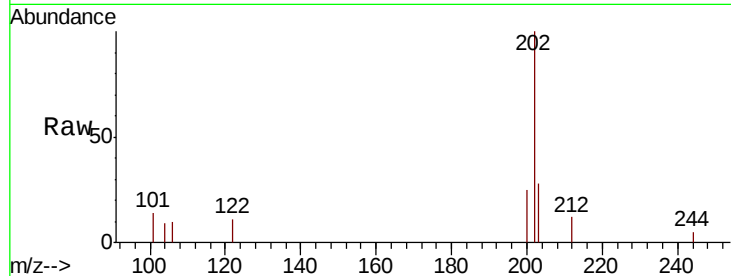
Tot Ion:202 Resp: 1749

Ion Ratio Lower Upper

202 100

101 9.7 5.9 8.9#

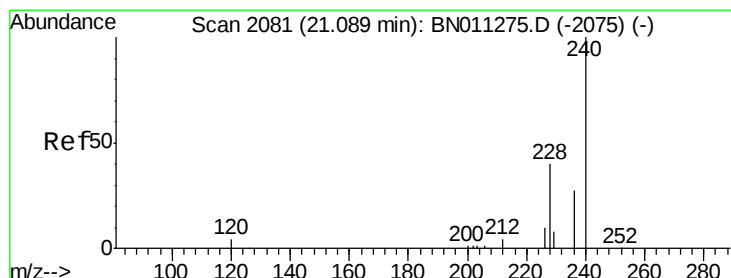
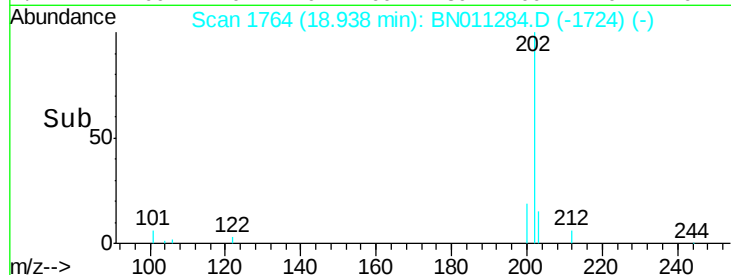
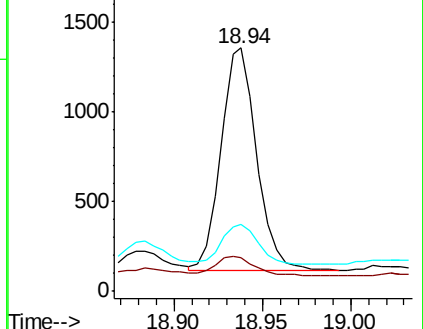
203 18.9 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.09 min Scan# 2081

Delta R.T. -0.00 min

Lab File: BN011284.D

Acq: 28 Jul 2020 17:31

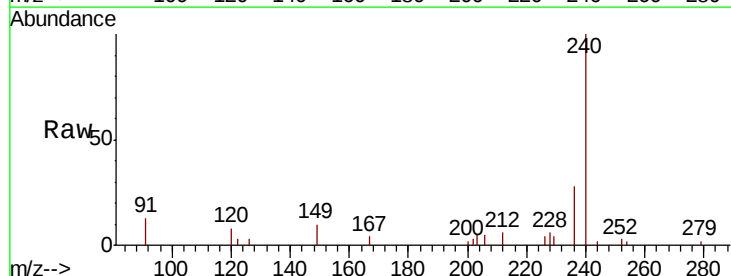
Tgt Ion:240 Resp: 9422

Ion Ratio Lower Upper

240 100

120 7.6 5.8 8.8

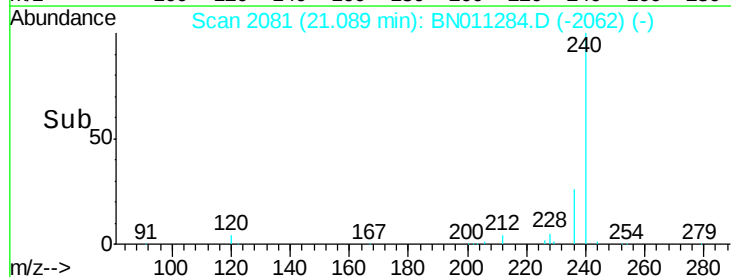
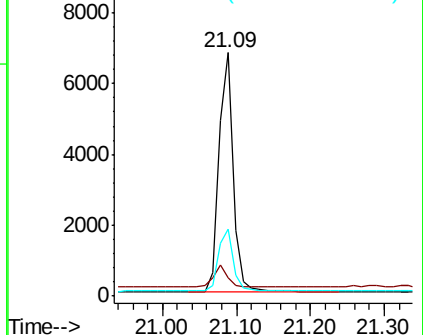
236 27.6 22.7 34.1

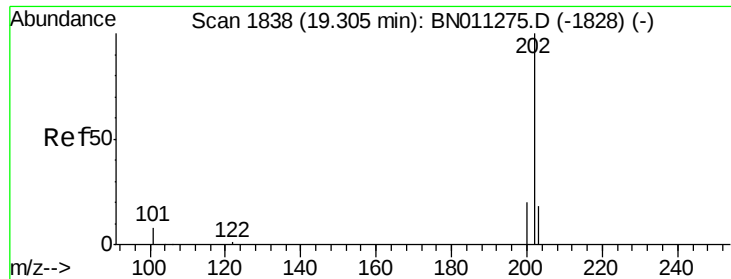


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

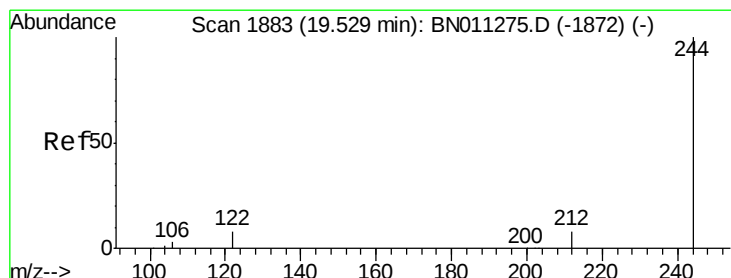
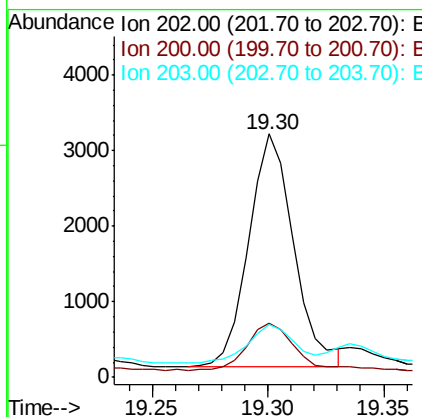
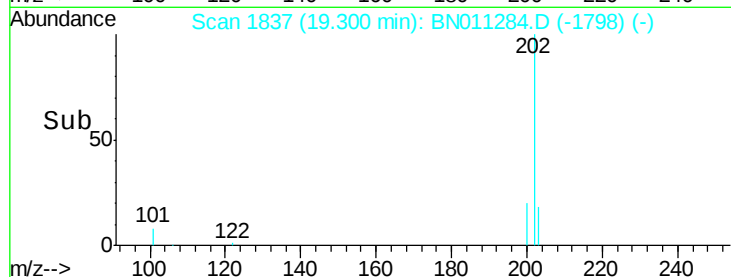
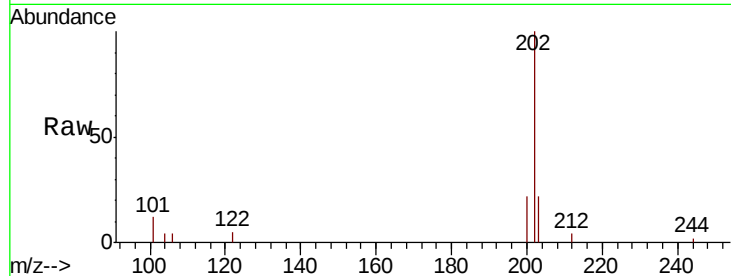




#30
Pvrene
Concen: 0.098 ng
RT: 19.30 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BN011284.D
Acq: 28 Jul 2020 17:31

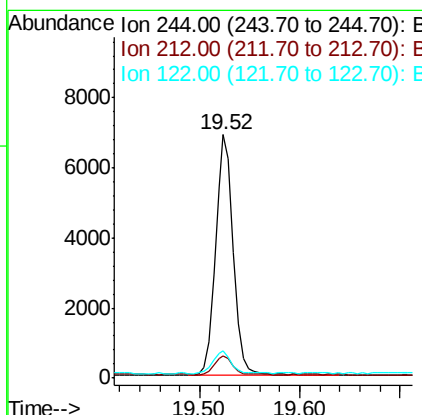
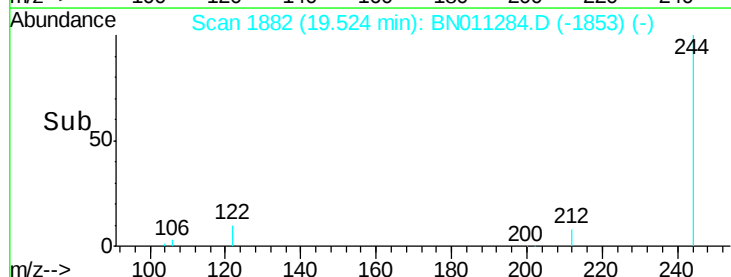
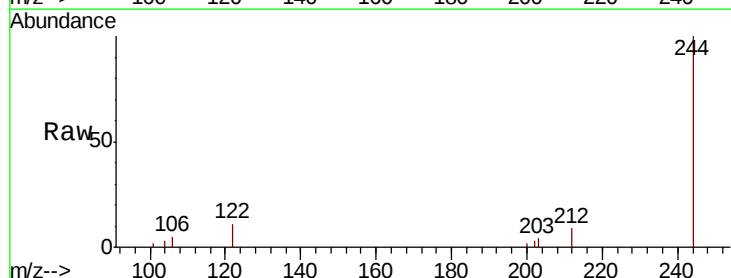
Instrument :
BNA_N
ClientSampleId :
W-1

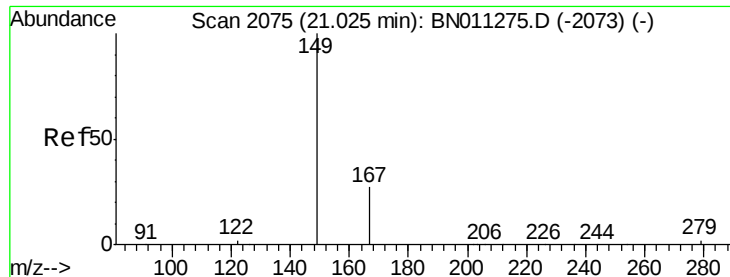
Tot Ion:202 Resp: 4156
Ion Ratio Lower Upper
202 100
200 21.4 16.3 24.5
203 17.1 14.1 21.1



#31
Terphenyl-d14
Concen: 0.302 ng
RT: 19.52 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BN011284.D
Acq: 28 Jul 2020 17:31

Tgt Ion:244 Resp: 8616
Ion Ratio Lower Upper
244 100
212 9.4 7.6 11.4
122 11.5 7.5 11.3#

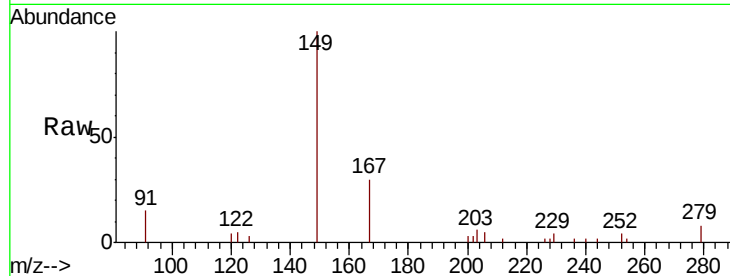




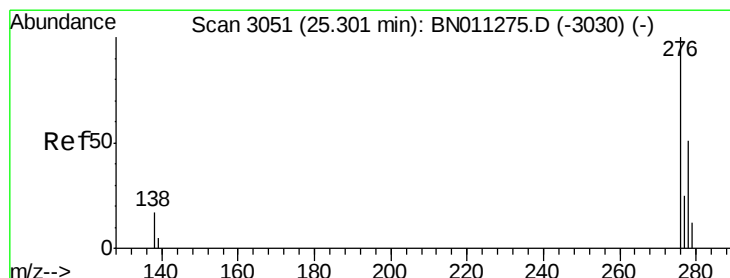
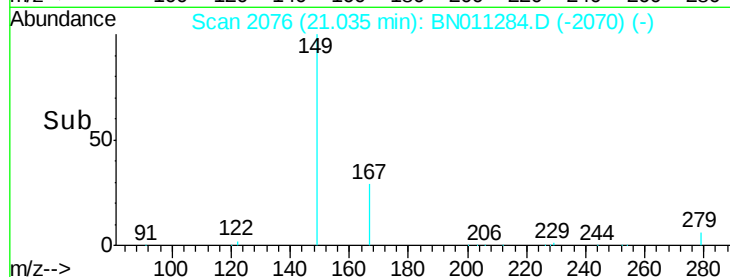
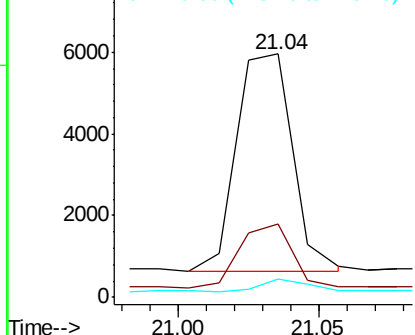
#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.441 ng
 RT: 21.04 min Scan# 2076
 Delta R.T. 0.01 min
 Lab File: BN011284.D
 Acq: 28 Jul 2020 17:31

Instrument :
 BNA_N
 ClientSampleId :
 W-1

Tot Ion:149 Resp: 7465
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.7 32.5
 279 4.3 3.9 5.9

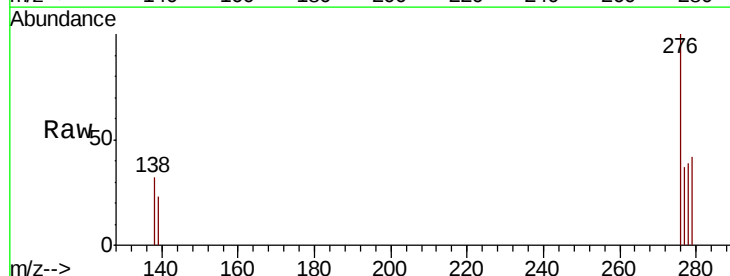


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

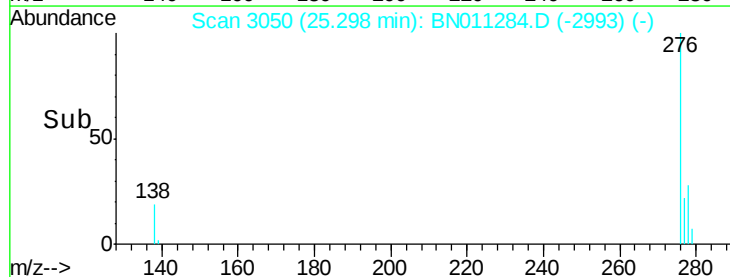
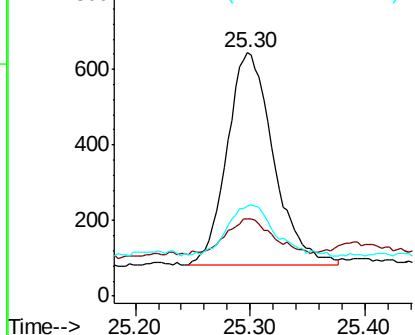


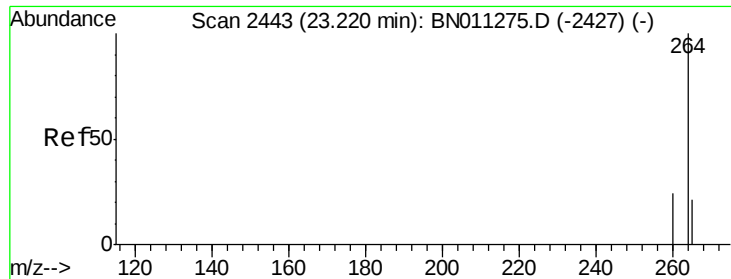
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.045 ng
 RT: 25.30 min Scan# 3050
 Delta R.T. -0.00 min
 Lab File: BN011284.D
 Acq: 28 Jul 2020 17:31

Tgt Ion:276 Resp: 1569
 Ion Ratio Lower Upper
 276 100
 138 17.5 13.6 20.4
 277 25.6 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

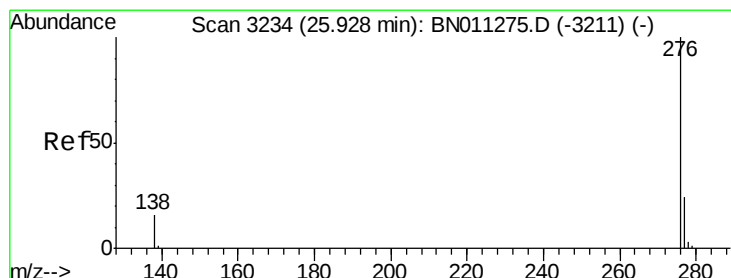
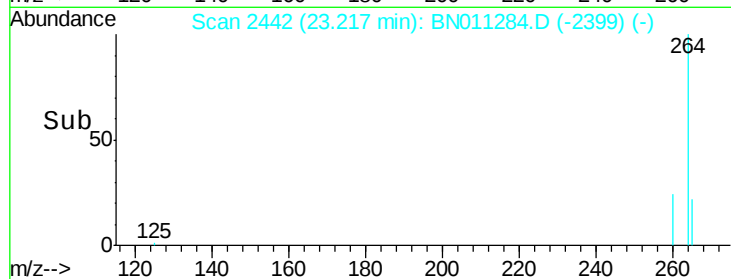
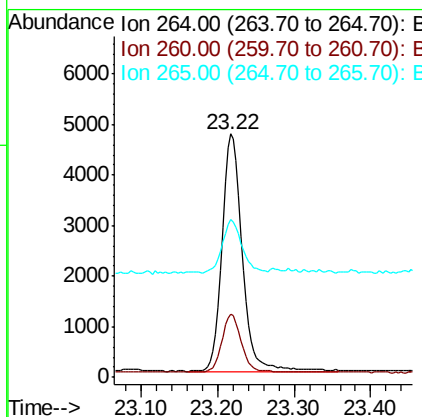
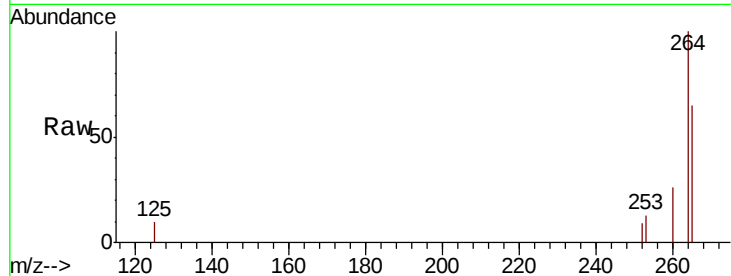




#36
Pervlene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BN011284.D
Acq: 28 Jul 2020 17:31

Instrument :
BNA_N
ClientSampleId :
W-1

Tot Ion:264 Resp: 8827
Ion Ratio Lower Upper
264 100
260 25.8 20.1 30.1
265 64.6 70.7 106.1#



#41
Benzo(g,h,i)perylene
Concen: 0.056 ng
RT: 25.93 min Scan# 3234
Delta R.T. -0.00 min
Lab File: BN011284.D
Acq: 28 Jul 2020 17:31

Tgt Ion:276 Resp: 1966
Ion Ratio Lower Upper
276 100
277 33.8 21.0 31.6#
138 30.5 15.0 22.6#

