

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
 Data File : BN010147.D
 Acq On : 09 Mar 2020 15:27
 Operator : CG/JU
 Sample : L1818-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 W-1A

Quant Time: Mar 09 16:57:58 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

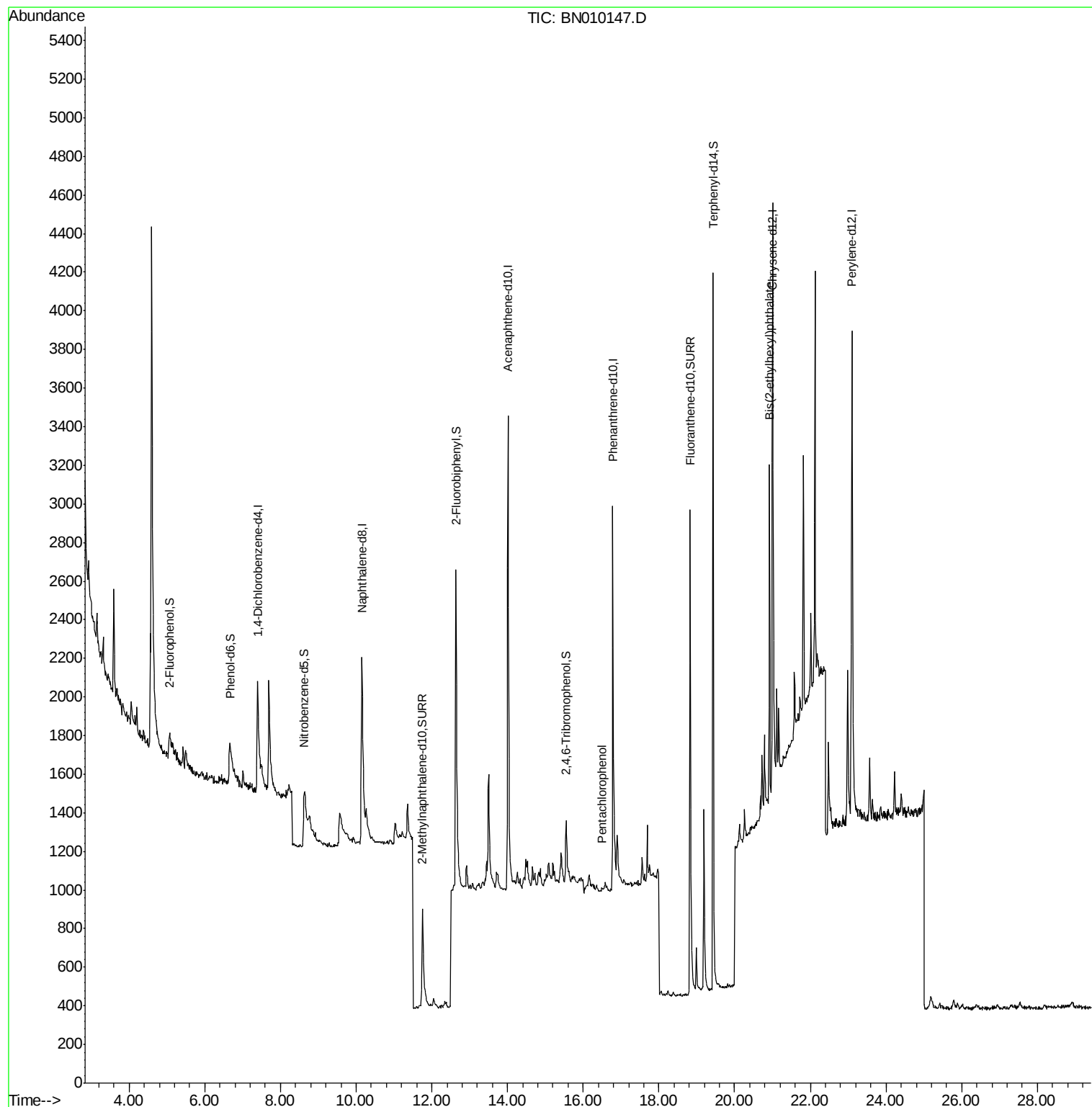
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	750	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	2471	0.40	ng	-0.03
13) Acenaphthene-d10	14.01	164	1776	0.40	ng	-0.04
19) Phenanthrene-d10	16.78	188	3696	0.40	ng	-0.03
27) Chrysene-d12	21.00	240	3797	0.40	ng	-0.03
34) Perylene-d12	23.10	264	4012	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	272	0.16	ng	-0.02
5) Phenol-d6	6.66	99	218	0.11	ng	0.02
8) Nitrobenzene-d5	8.63	82	570	0.28	ng	0.04
11) 2-Methylnaphthalene-d10	11.75	152	1406	0.29	ng	-0.03
14) 2,4,6-Tribromophenol	15.55	330	332	0.49	ng	-0.03
15) 2-Fluorobiphenyl	12.64	172	2674	0.40	ng	-0.04
25) Fluoranthene-d10	18.83	212	3830	0.30	ng	-0.03
29) Terphenyl-d14	19.43	244	4564	0.50	ng	-0.04
Target Compounds						
20) 4-Bromophenyl-phenylether	16.01	248	44	Below Cal	#	72
22) Pentachlorophenol	16.49	266	6	0.186 ng	#	73
32) Bis(2-ethylhexyl)phthalate	20.92	149	1393	0.227 ng		98

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

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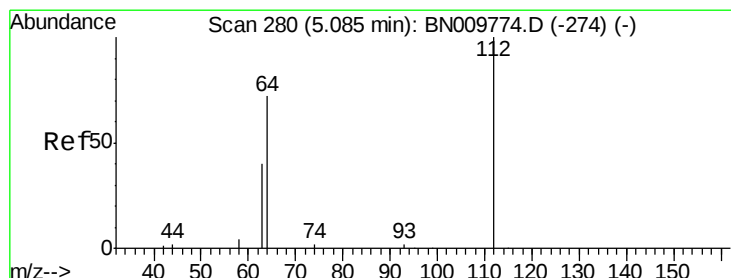
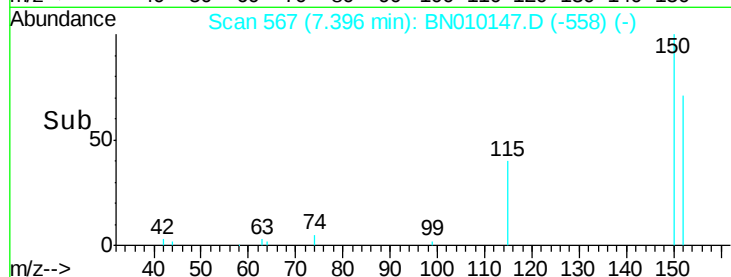
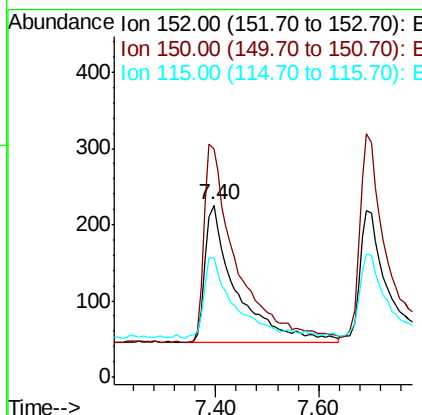
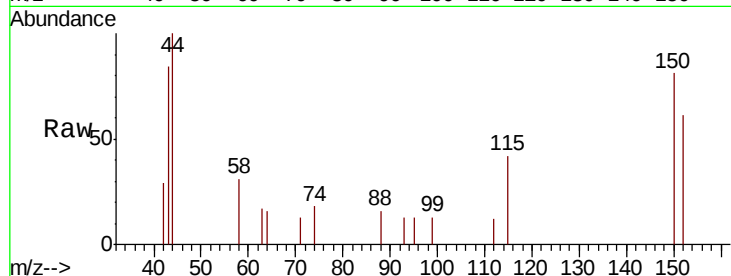


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN010147.D
Acq: 09 Mar 2020 15:27

Instrument :
BNA_N
ClientSampleId :
W-1A

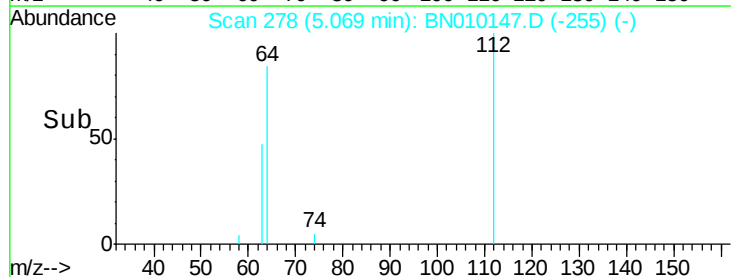
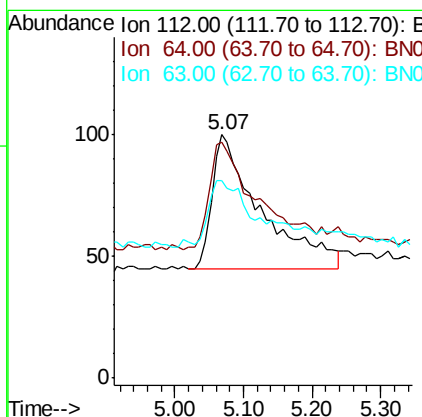
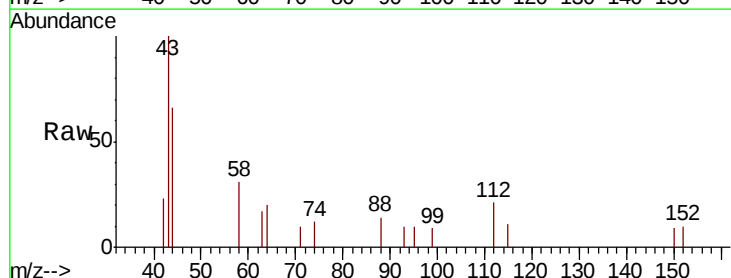
Tot Ion:152 Resp: 750
Ion Ratio Lower Upper
152 100
150 132.7 120.6 181.0
115 69.0 51.2 76.8

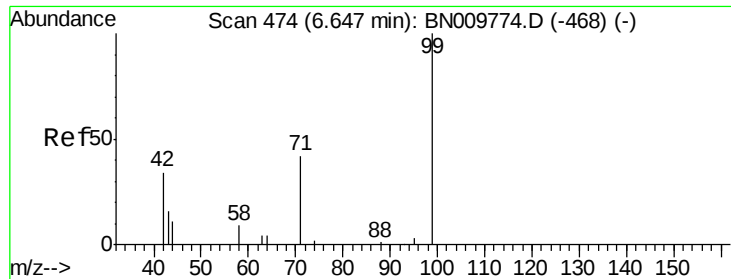


#4

2-Fluorophenol
Concen: 0.163 ng
RT: 5.07 min Scan# 278
Delta R.T. -0.02 min
Lab File: BN010147.D
Acq: 09 Mar 2020 15:27

Tgt Ion:112 Resp: 272
Ion Ratio Lower Upper
112 100
64 72.8 65.8 98.6
63 40.1 38.7 58.1





#5

Phenol-d6

Concen: 0.107 ng

RT: 6.66 min Scan# 476

Delta R.T. 0.02 min

Lab File: BN010147.D

Acq: 09 Mar 2020 15:27

Instrument :

BNA_N

ClientSampleId :

W-1A

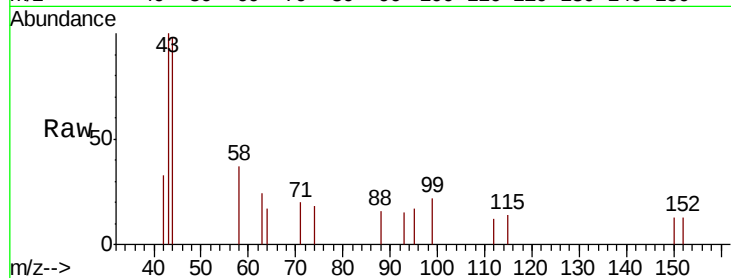
Tot Ion: 99 Resp: 218

Ion Ratio Lower Upper

99 100

42 35.8 30.8 46.2

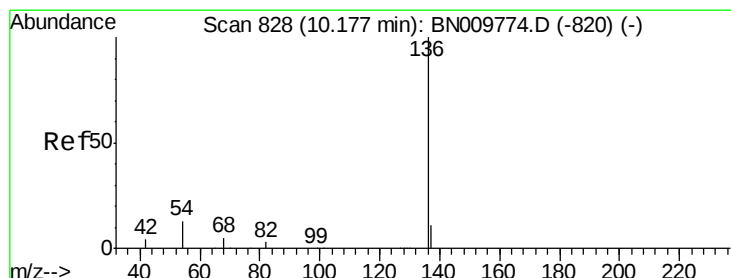
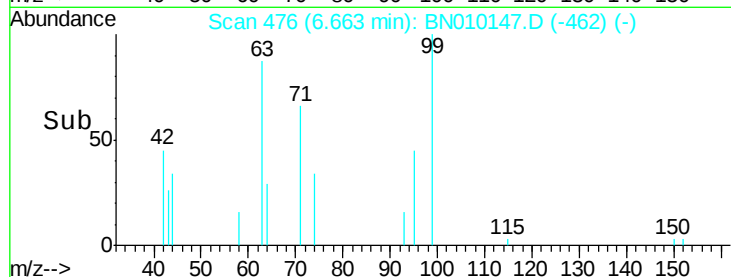
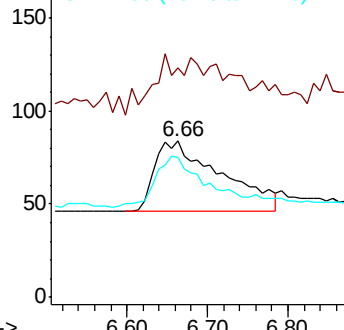
71 61.5 34.9 52.3#



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.03 min

Lab File: BN010147.D

Acq: 09 Mar 2020 15:27

Tgt Ion: 136 Resp: 2471

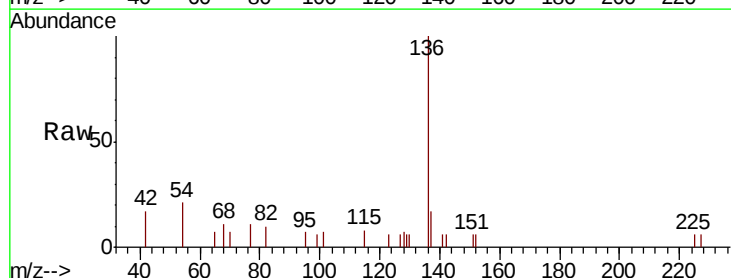
Ion Ratio Lower Upper

136 100

137 16.6 11.3 16.9

54 20.8 13.4 20.2#

68 11.5 7.0 10.4#

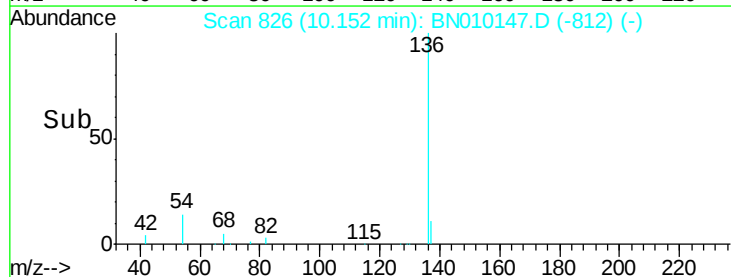
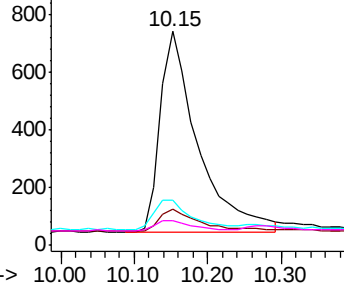


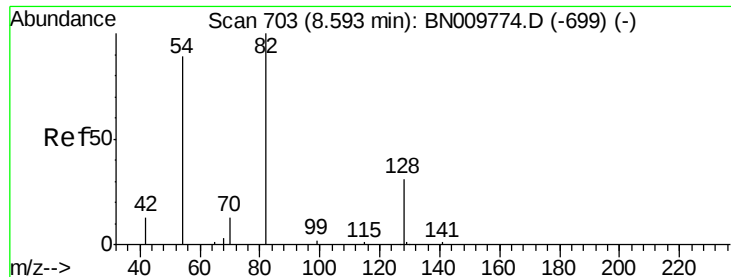
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0





#8

Nitrobenzene-d5

Concen: 0.277 ng

RT: 8.63 min Scan# 706

Delta R.T. 0.04 min

Lab File: BN010147.D

Acq: 09 Mar 2020 15:27

Instrument :

BNA_N

ClientSampleId :

W-1A

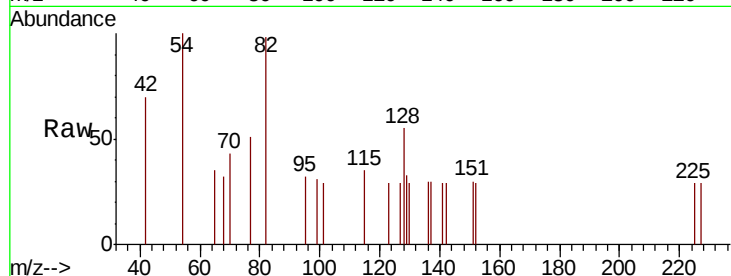
Tot Ion: 82 Resp: 570

Ion Ratio Lower Upper

82 100

128 56.2 32.5 48.7#

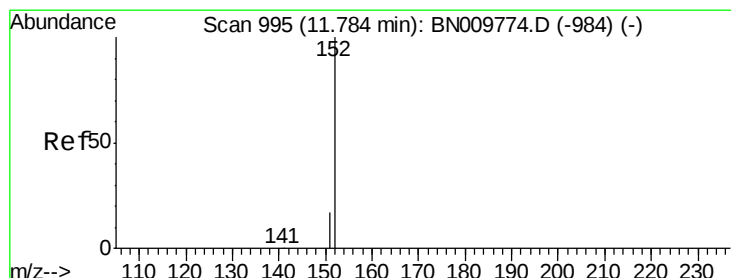
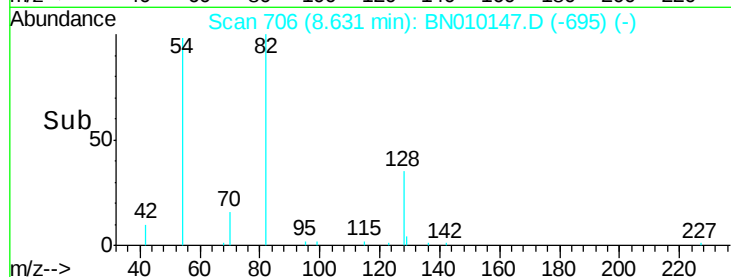
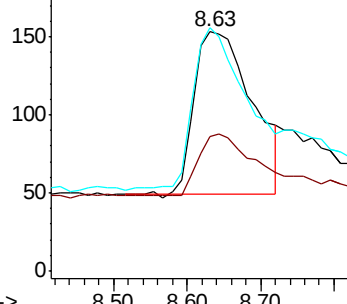
54 102.0 73.5 110.3



Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): BN0

Ion 54.00 (53.70 to 54.70): BN0



#11

2-Methylnaphthalene-d10

Concen: 0.294 ng

RT: 11.75 min Scan# 988

Delta R.T. -0.03 min

Lab File: BN010147.D

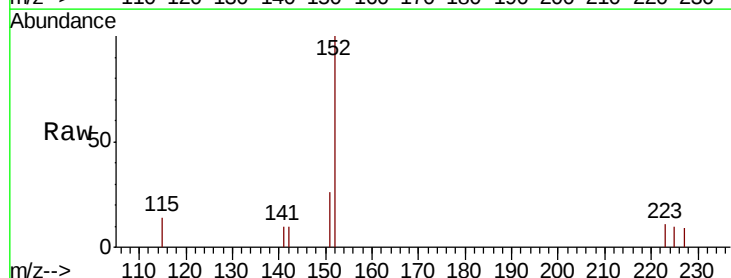
Acq: 09 Mar 2020 15:27

Tgt Ion: 152 Resp: 1406

Ion Ratio Lower Upper

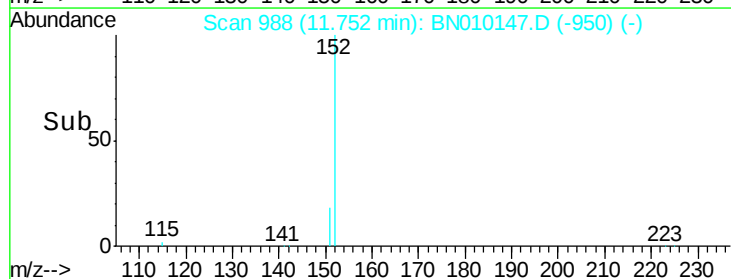
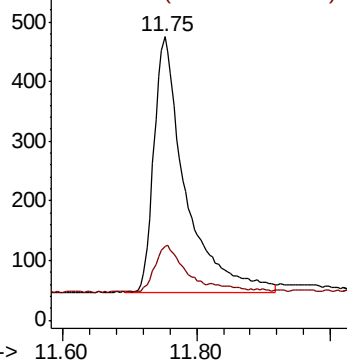
152 100

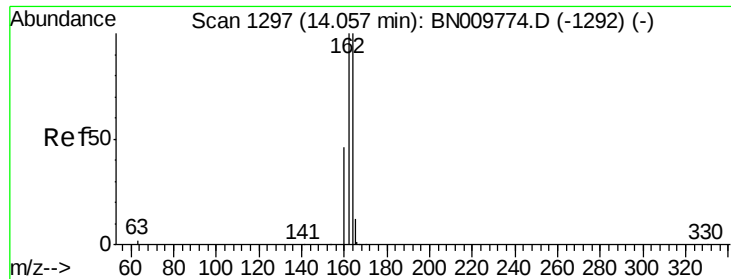
151 16.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BN0

Ion 151.00 (150.70 to 151.70): BN0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1293

Delta R.T. -0.04 min

Lab File: BN010147.D

Acq: 09 Mar 2020 15:27

Instrument :

BNA_N

ClientSampleId :

W-1A

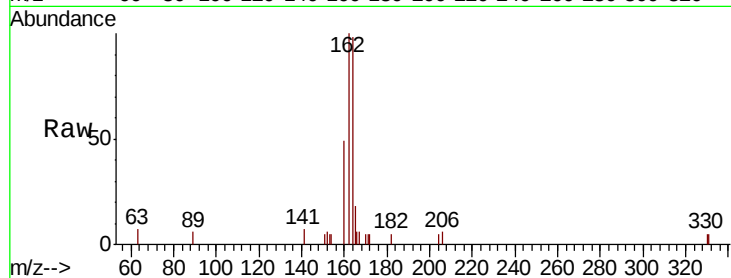
Tot Ion:164 Resp: 1776

Ion Ratio Lower Upper

164 100

162 102.5 79.9 119.9

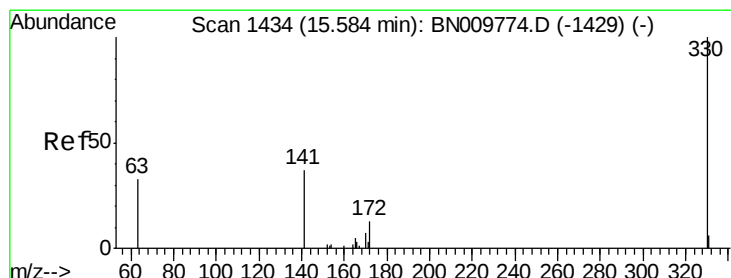
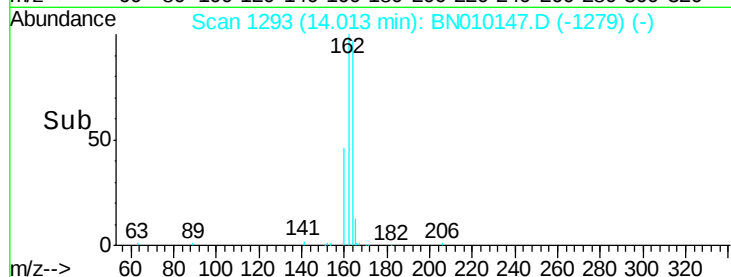
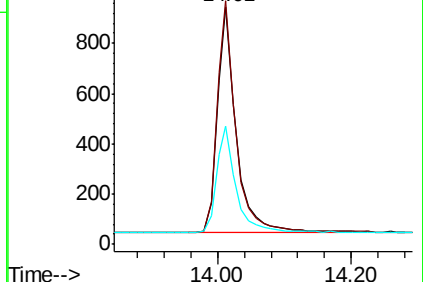
160 49.8 38.2 57.2



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: 0.485 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.03 min

Lab File: BN010147.D

Acq: 09 Mar 2020 15:27

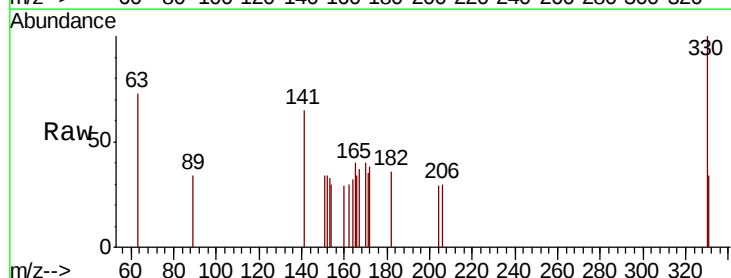
Tgt Ion:330 Resp: 332

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

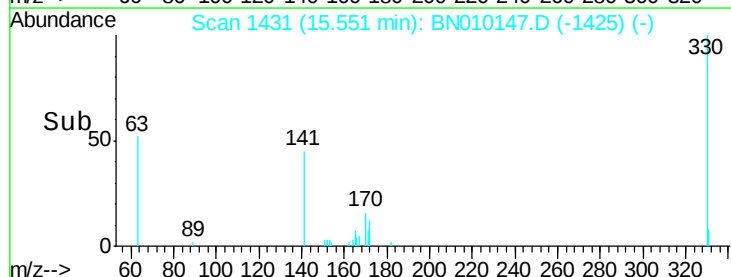
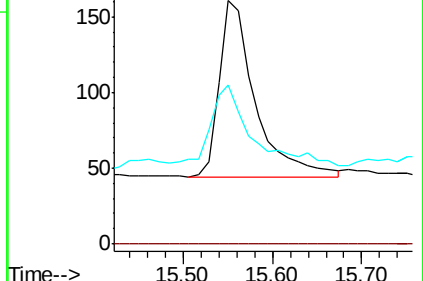
141 49.7 36.8 55.2

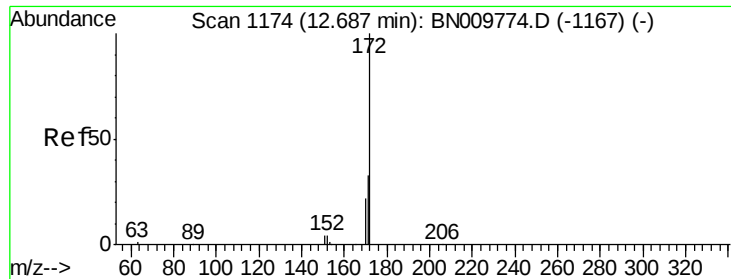


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

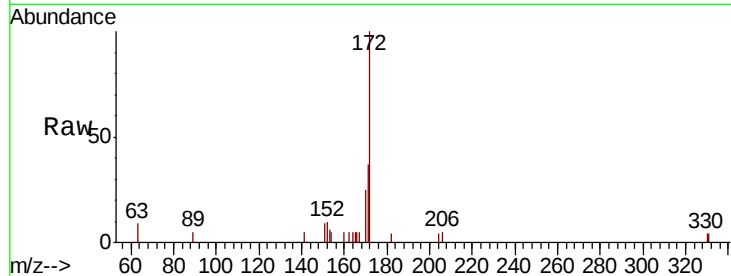




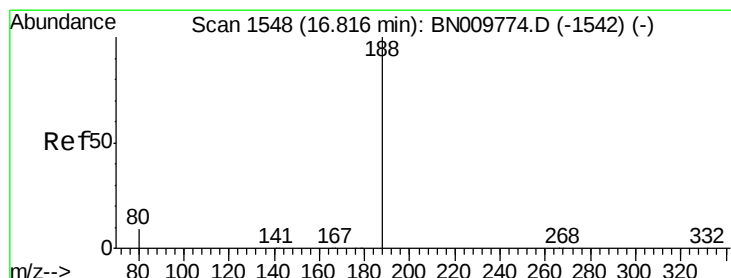
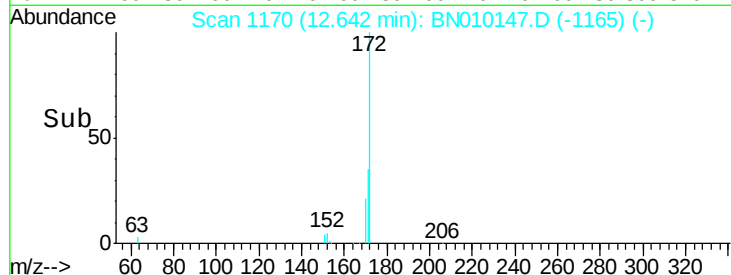
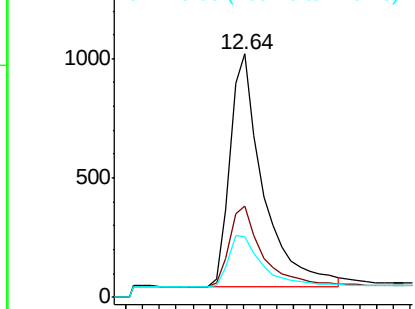
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.64 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BN010147.D
Acq: 09 Mar 2020 15:27

Instrument :
BNA_N
ClientSampled :
W-1A

Tot Ion:172 Resp: 2674
Ion Ratio Lower Upper
172 100
171 37.5 28.7 43.1
170 24.9 20.1 30.1

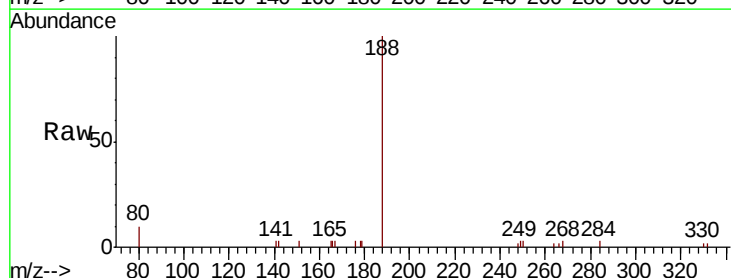


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

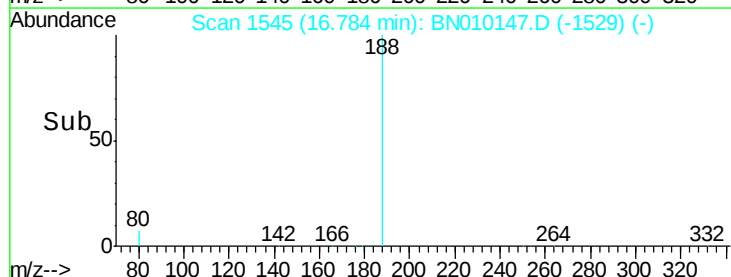
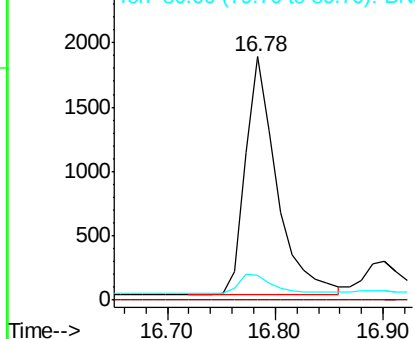


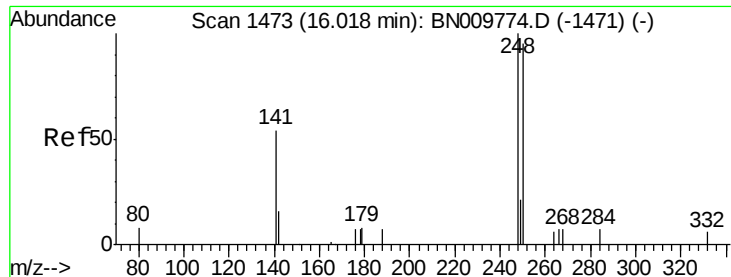
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1545
Delta R.T. -0.03 min
Lab File: BN010147.D
Acq: 09 Mar 2020 15:27

Tgt Ion:188 Resp: 3696
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 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

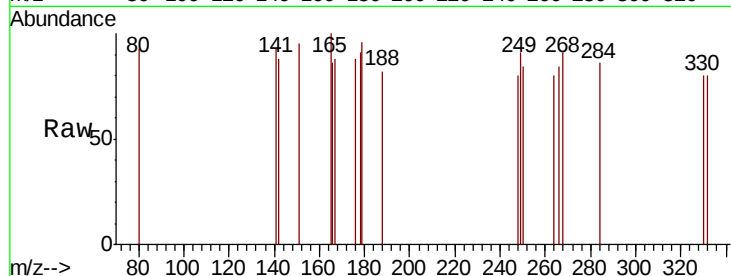




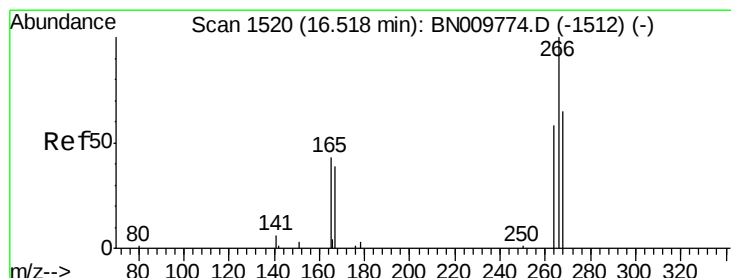
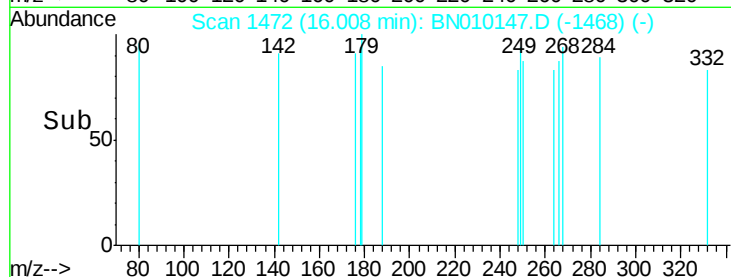
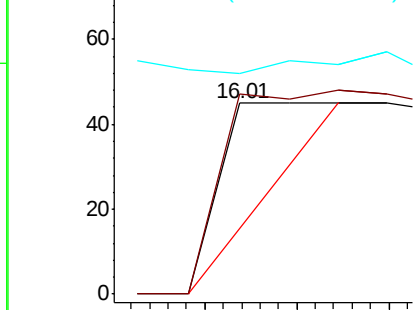
#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN010147.D
Acq: 09 Mar 2020 15:27

Instrument :
BNA_N
ClientSampleId :
W-1A

Tot Ion:248 Resp: 44
Ion Ratio Lower Upper
248 100
250 104.4 76.2 114.4
141 115.6 57.8 86.6#

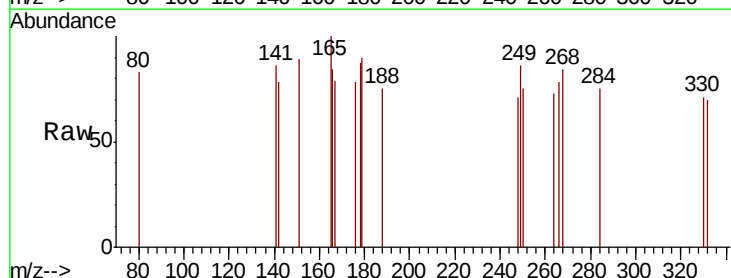


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

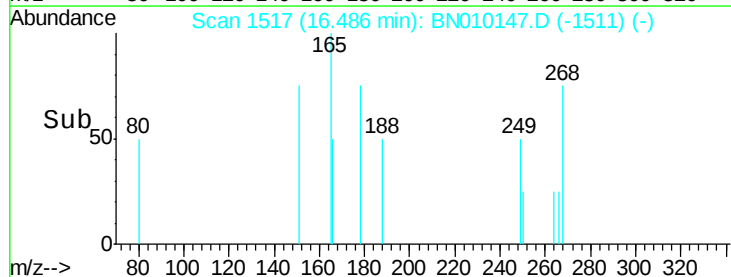
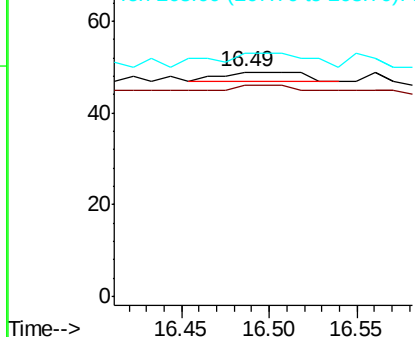


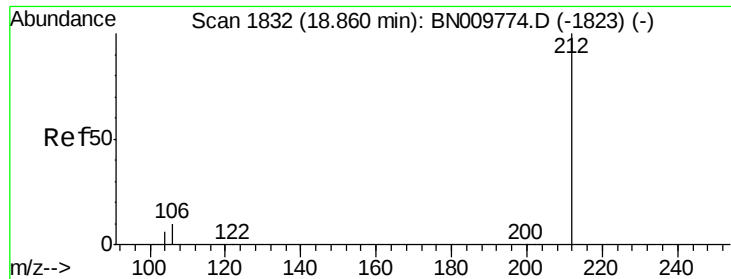
#22
Pentachlorophenol
Concen: 0.186 ng
RT: 16.49 min Scan# 1517
Delta R.T. -0.03 min
Lab File: BN010147.D
Acq: 09 Mar 2020 15:27

Tgt Ion:266 Resp: 6
Ion Ratio Lower Upper
266 100
264 93.9 58.1 87.1#
268 108.2 65.7 98.5#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.300 ng

RT: 18.83 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BN010147.D

Acq: 09 Mar 2020 15:27

Instrument :

BNA_N

ClientSampleId :

W-1A

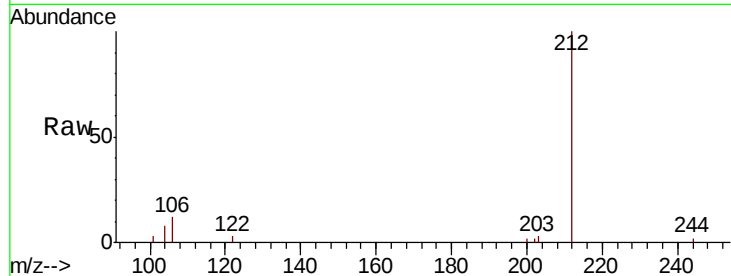
Tot Ion:212 Resp: 3830

Ion Ratio Lower Upper

212 100

106 10.7 8.4 12.6

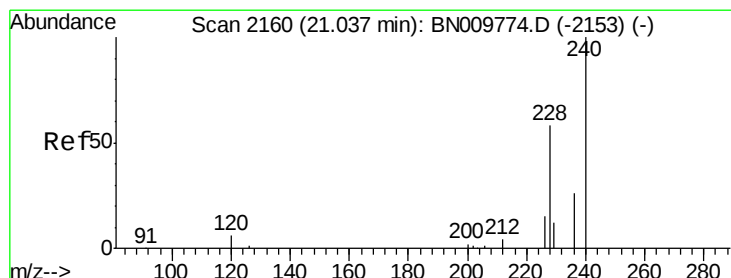
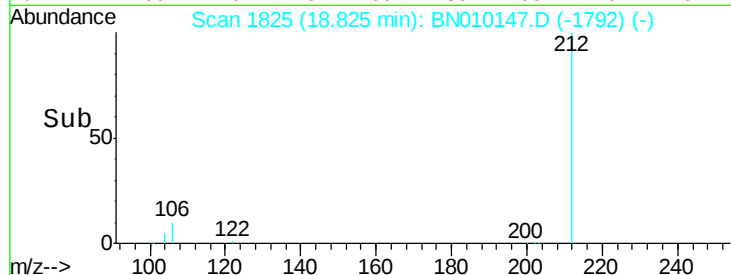
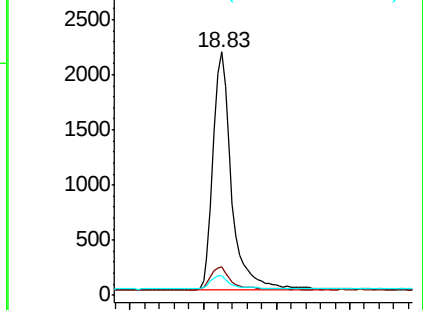
104 6.1 4.8 7.2



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: 21.00 min Scan# 2157

Delta R.T. -0.03 min

Lab File: BN010147.D

Acq: 09 Mar 2020 15:27

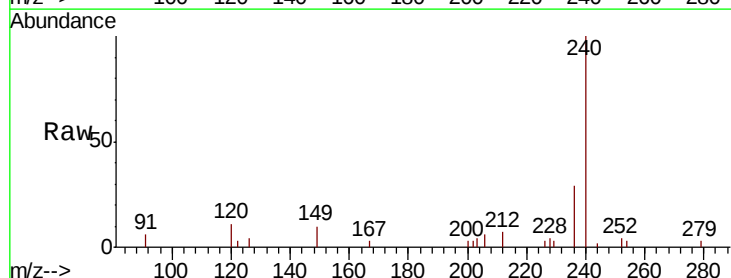
Tgt Ion:240 Resp: 3797

Ion Ratio Lower Upper

240 100

120 11.0 7.9 11.9

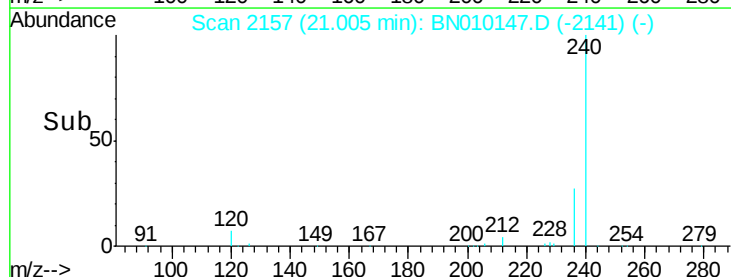
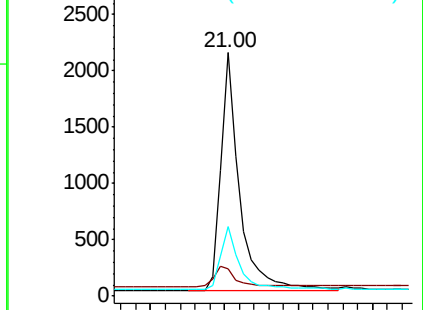
236 28.6 22.0 33.0

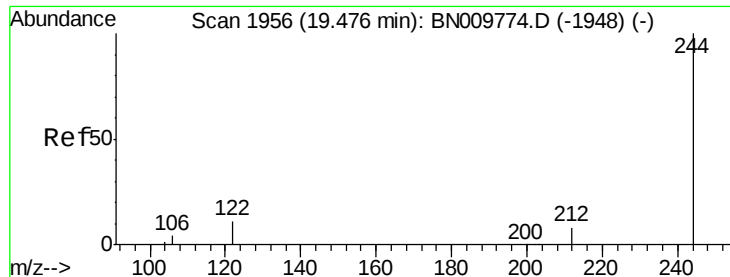


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.503 ng

RT: 19.43 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BN010147.D

Acq: 09 Mar 2020 15:27

Instrument :

BNA_N

ClientSampleId :

W-1A

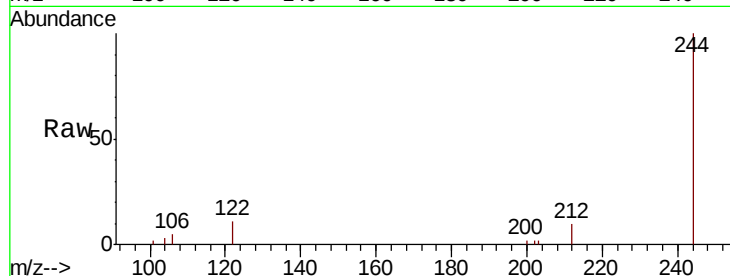
Tot Ion:244 Resp: 4564

Ion Ratio Lower Upper

244 100

212 9.7 8.0 12.0

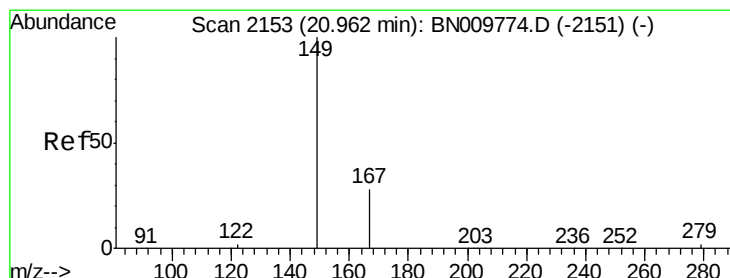
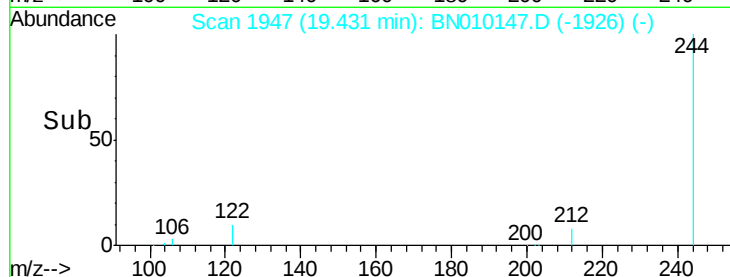
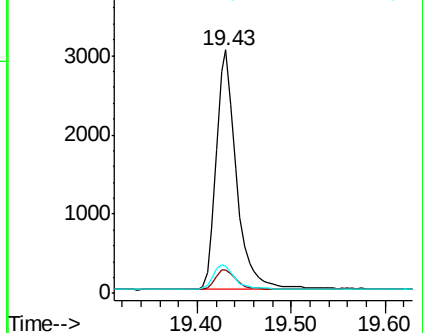
122 11.2 10.0 15.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.227 ng

RT: 20.92 min Scan# 2149

Delta R.T. -0.04 min

Lab File: BN010147.D

Acq: 09 Mar 2020 15:27

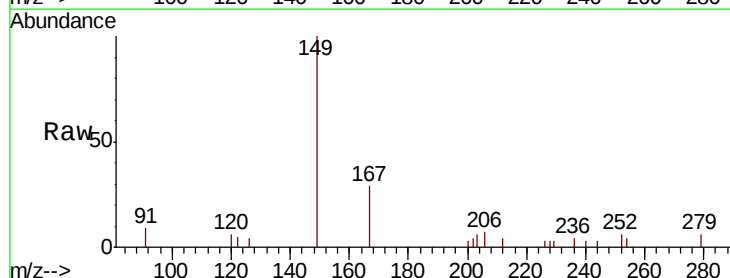
Tgt Ion:149 Resp: 1393

Ion Ratio Lower Upper

149 100

167 29.2 22.7 34.1

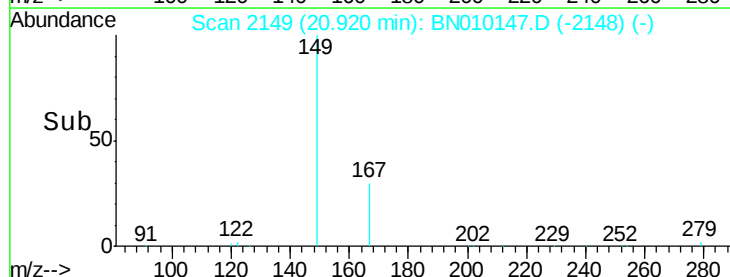
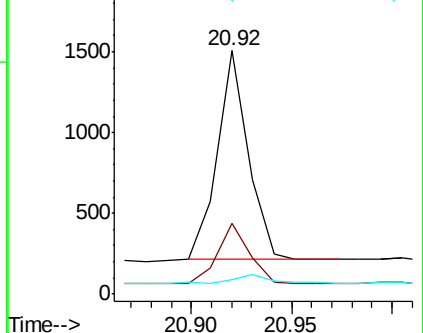
279 4.5 3.1 4.7

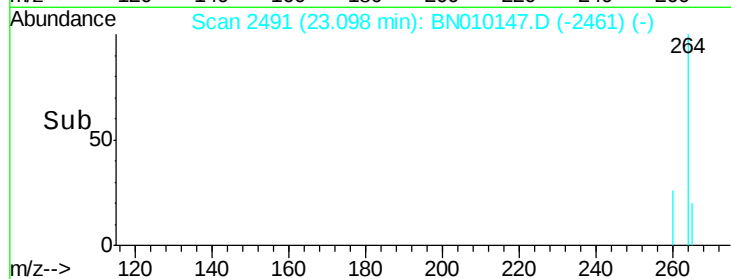
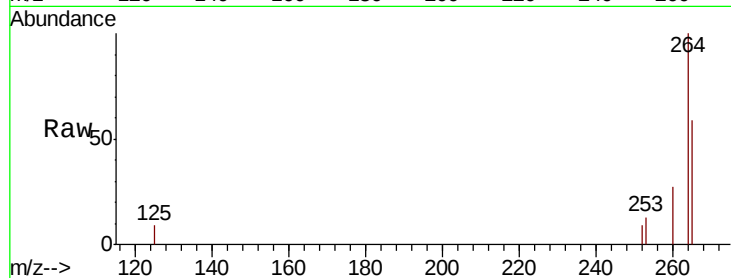
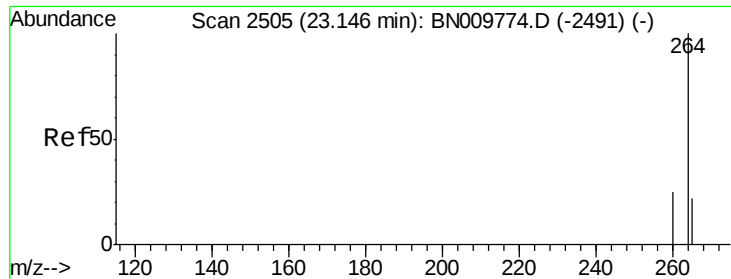


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.10 min Scan# 2491
 Delta R.T. -0.05 min
 Lab File: BN010147.D
 Acq: 09 Mar 2020 15:27

Instrument :
 BNA_N
 ClientSampleId :
 W-1A

Tot Ion:264 Resp: 4012
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.1 31.7
 265 59.0 57.5 86.3

