

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010168.D
 Acq On : 10 Mar 2020 20:04
 Operator : CG/JU
 Sample : L1842-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D1-20200304

Quant Time: Mar 11 03:22:51 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

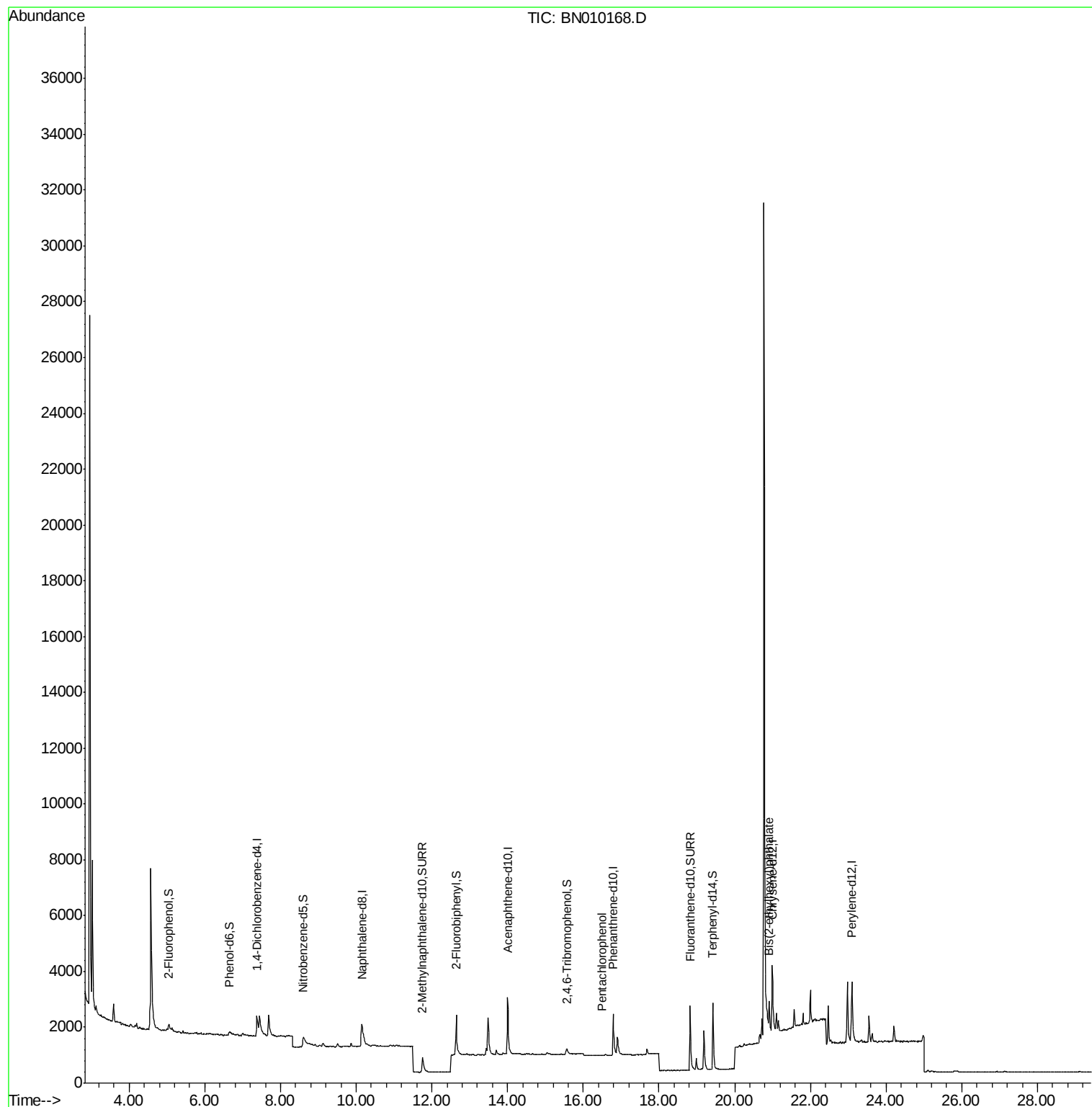
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	730	0.40	ng	-0.04
7) Naphthalene-d8	10.15	136	2428	0.40	ng	-0.03
13) Acenaphthene-d10	14.00	164	1537	0.40	ng	-0.06
19) Phenanthrene-d10	16.79	188	2960	0.40	ng	-0.02
27) Chrysene-d12	20.99	240	3359	0.40	ng	-0.04
34) Perylene-d12	23.09	264	3498	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	388	0.24	ng	-0.04
5) Phenol-d6	6.65	99	209	0.11	ng	0.00
8) Nitrobenzene-d5	8.61	82	707	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	11.75	152	1499	0.32	ng	-0.03
14) 2,4,6-Tribromophenol	15.56	330	251	0.42	ng	-0.02
15) 2-Fluorobiphenyl	12.64	172	2231	0.38	ng	-0.04
25) Fluoranthene-d10	18.83	212	3676	0.36	ng	-0.03
29) Terphenyl-d14	19.43	244	3349	0.42	ng	-0.05
Target Compounds						
20) 4-Bromophenyl-phenylether	16.01	248	148	Below Cal	#	78
22) Pentachlorophenol	16.50	266	1	0.180 ng	#	76
32) Bis(2-ethylhexyl)phthalate	20.91	149	1331	0.245 ng	#	83

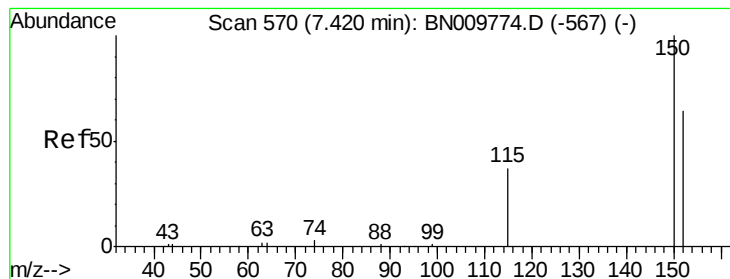
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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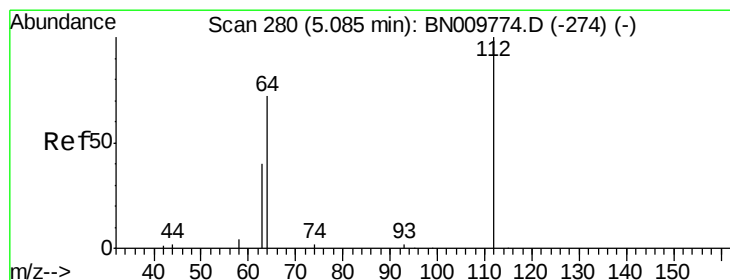
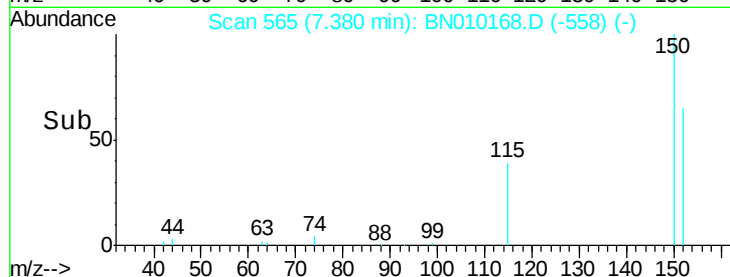
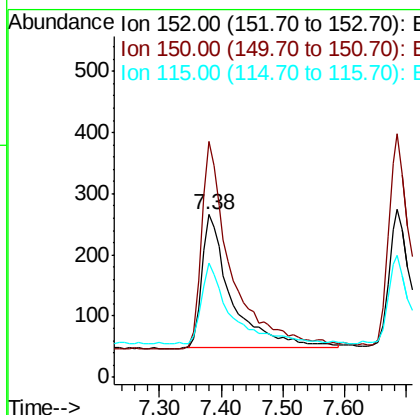
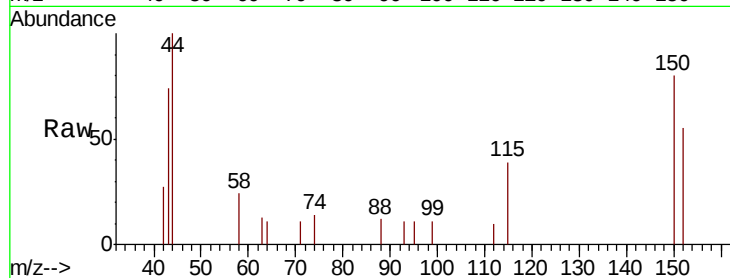




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.38 min Scan# 565
 Delta R.T. -0.04 min
 Lab File: BN010168.D
 Acq: 10 Mar 2020 20:04

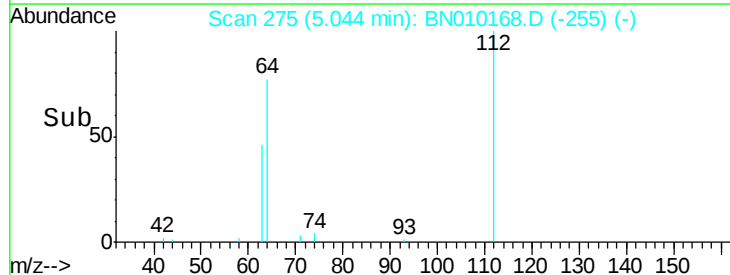
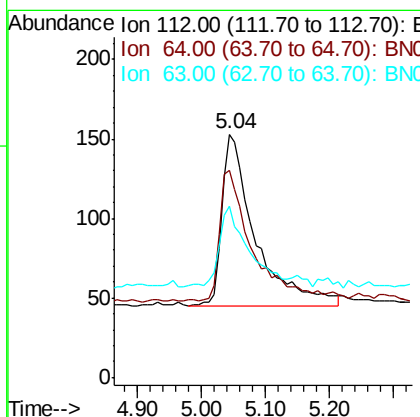
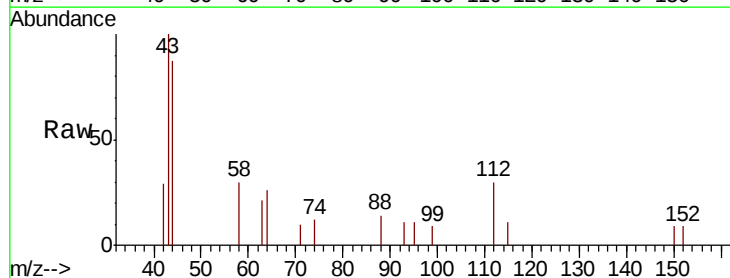
Instrument :
 BNA_N
 ClientSampleId :
 RE132D1-20200304

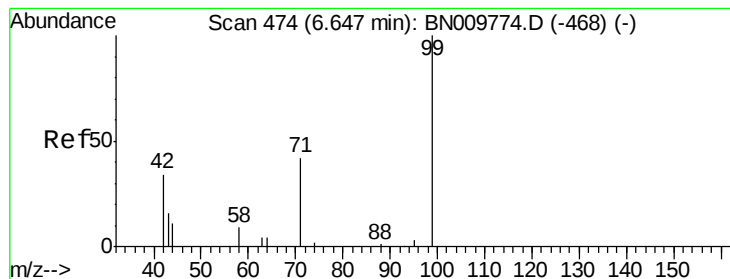
Tot Ion:152 Resp: 730
 Ion Ratio Lower Upper
 152 100
 150 144.7 120.6 181.0
 115 69.9 51.2 76.8



#4
 2-Fluorophenol
 Concen: 0.239 ng
 RT: 5.04 min Scan# 275
 Delta R.T. -0.04 min
 Lab File: BN010168.D
 Acq: 10 Mar 2020 20:04

Tgt Ion:112 Resp: 388
 Ion Ratio Lower Upper
 112 100
 64 76.3 65.8 98.6
 63 41.2 38.7 58.1





#5

Phenol-d6

Concen: 0.106 ng

RT: 6.65 min Scan# 474

Delta R.T. -0.00 min

Lab File: BN010168.D

Acq: 10 Mar 2020 20:04

Instrument :

BNA_N

ClientSampleId :

RE132D1-20200304

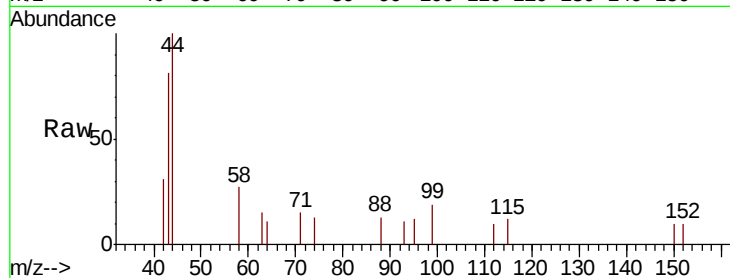
Tot Ion: 99 Resp: 209

Ion Ratio Lower Upper

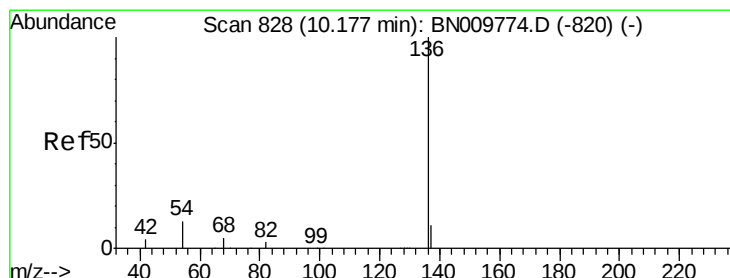
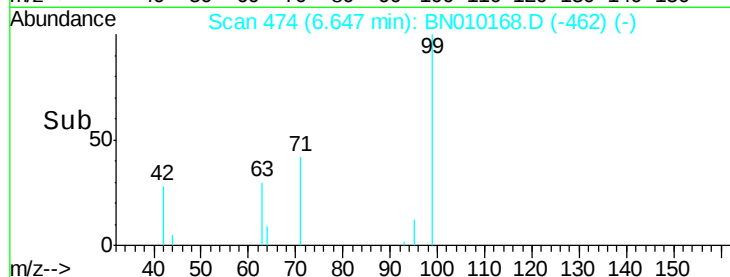
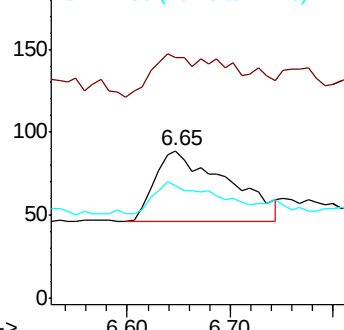
99 100

42 32.5 30.8 46.2

71 36.4 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: BN010168.D

Acq: 10 Mar 2020 20:04

Tgt Ion: 136 Resp: 2428

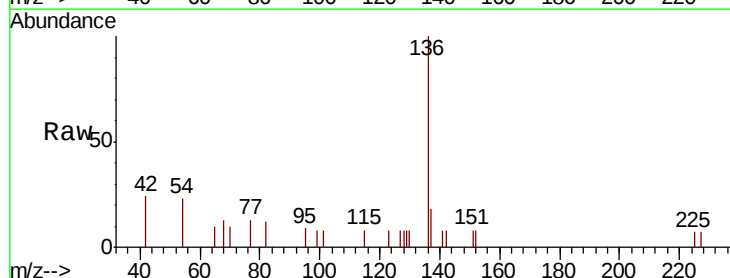
Ion Ratio Lower Upper

136 100

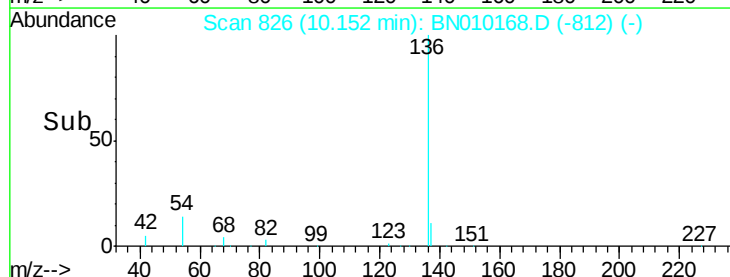
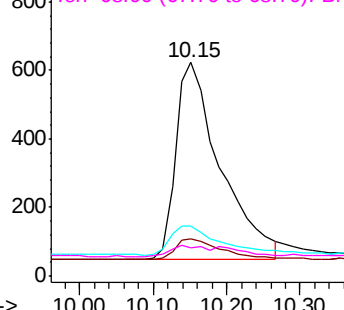
137 17.6 11.3 16.9#

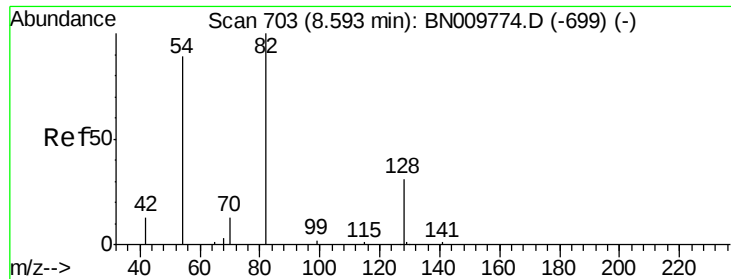
54 23.1 13.4 20.2#

68 13.3 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: 0.350 ng

RT: 8.61 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN010168.D

Acq: 10 Mar 2020 20:04

Instrument :

BNA_N

ClientSampleId :

RE132D1-20200304

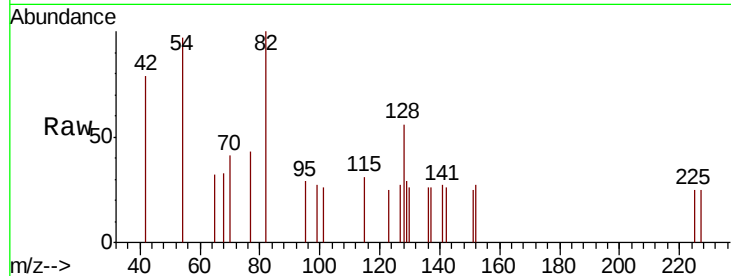
Tot Ion: 82 Resp: 707

Ion Ratio Lower Upper

82 100

128 55.8 32.5 48.7#

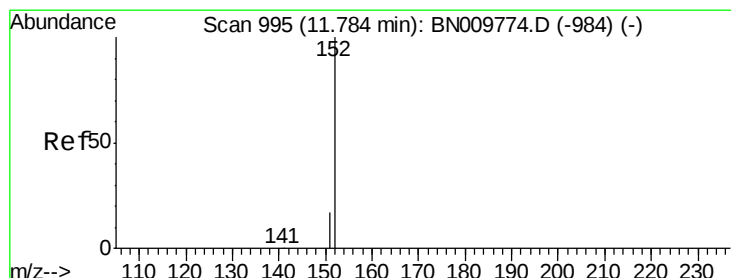
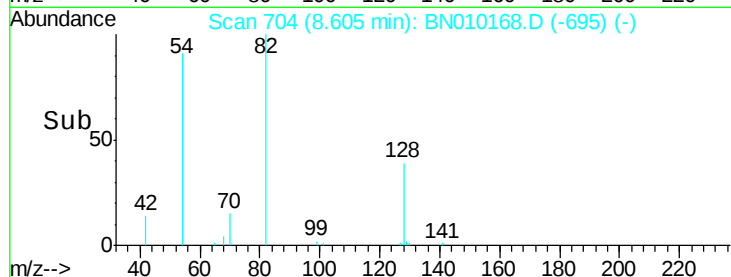
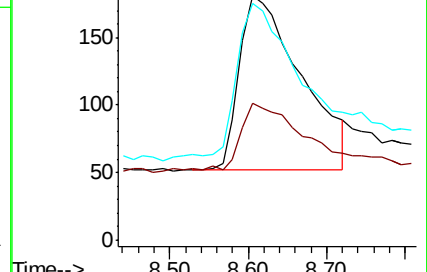
54 96.7 73.5 110.3



Abundance Ion 82.00 (81.70 to 82.70): BN009774.D (-699) (-)

Ion 128.00 (127.70 to 128.70): BN009774.D (-699) (-)

Ion 54.00 (53.70 to 54.70): BN009774.D (-699) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.319 ng

RT: 11.75 min Scan# 988

Delta R.T. -0.03 min

Lab File: BN010168.D

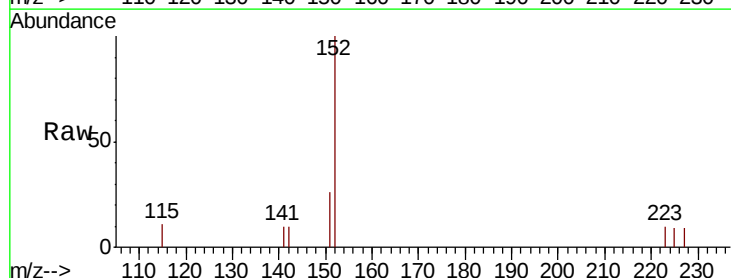
Acq: 10 Mar 2020 20:04

Tgt Ion: 152 Resp: 1499

Ion Ratio Lower Upper

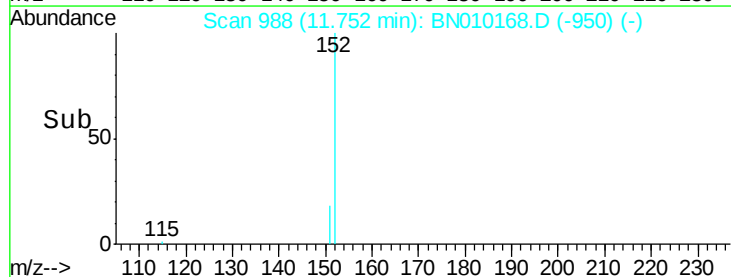
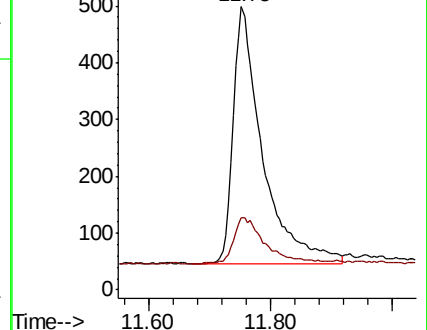
152 100

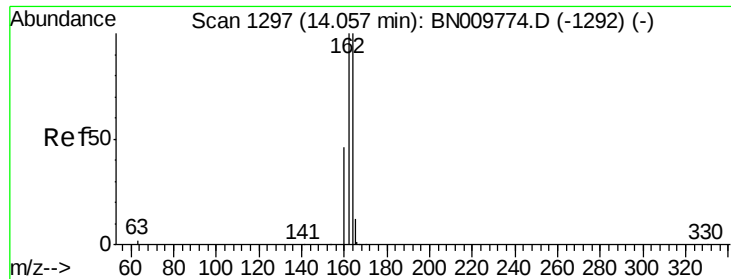
151 17.8 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BN009774.D (-984) (-)

Ion 151.00 (150.70 to 151.70): BN009774.D (-984) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BN010168.D

Acq: 10 Mar 2020 20:04

Instrument :

BNA_N

ClientSampleId :

RE132D1-20200304

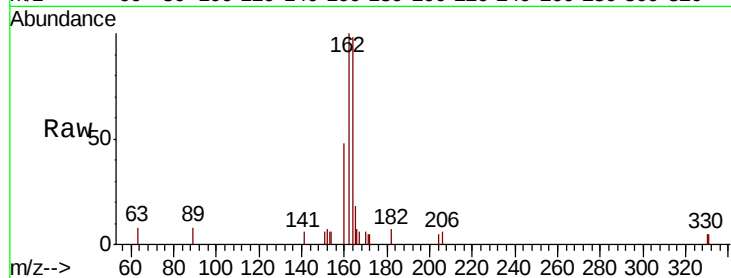
Tot Ion:164 Resp: 1537

Ion Ratio Lower Upper

164 100

162 102.3 79.9 119.9

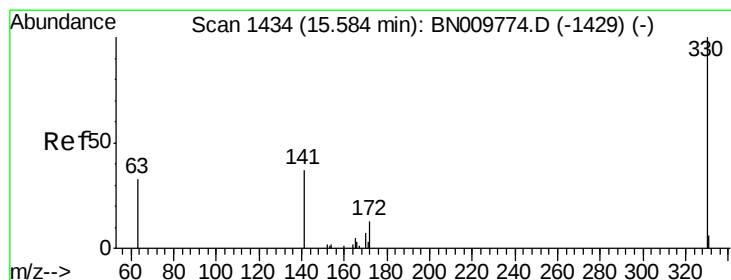
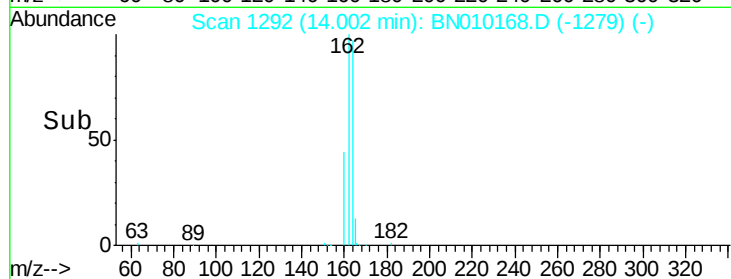
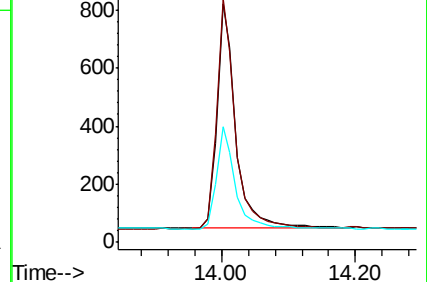
160 48.8 38.2 57.2



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: 0.424 ng

RT: 15.56 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BN010168.D

Acq: 10 Mar 2020 20:04

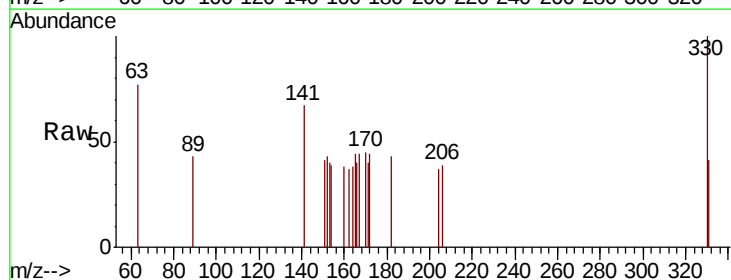
Tgt Ion:330 Resp: 251

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

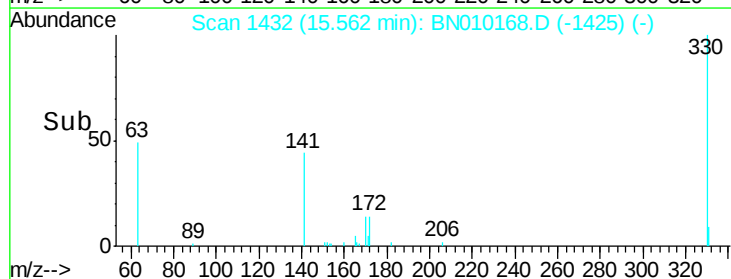
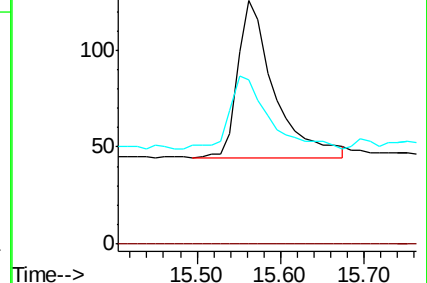
141 48.6 36.8 55.2

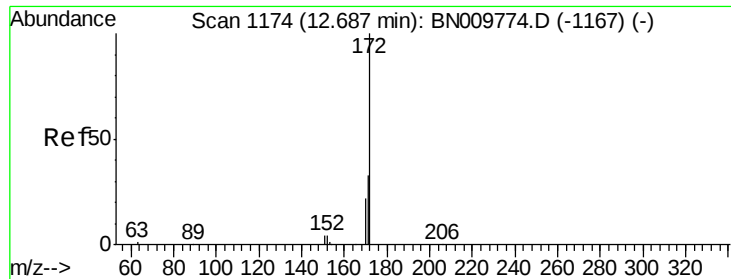


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

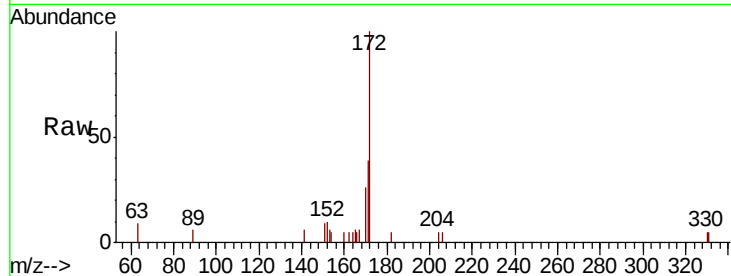




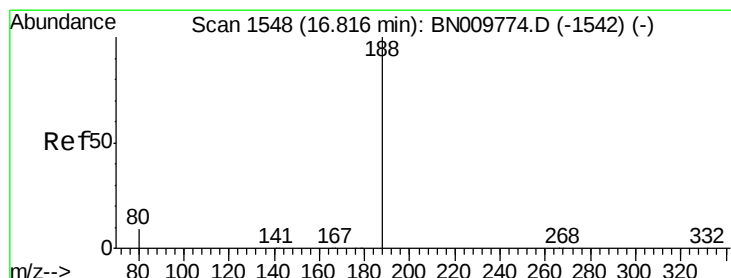
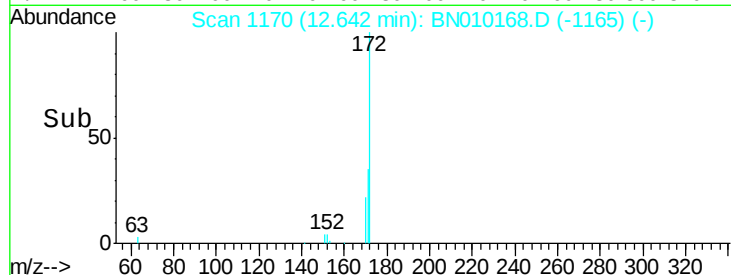
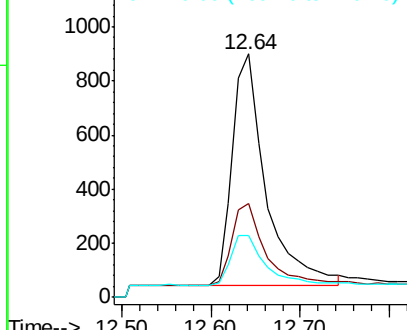
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.64 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BN010168.D
Acq: 10 Mar 2020 20:04

Instrument :
BNA_N
ClientSampleId :
RE132D1-20200304

Tot Ion:172 Resp: 2231
Ion Ratio Lower Upper
172 100
171 38.8 28.7 43.1
170 25.6 20.1 30.1

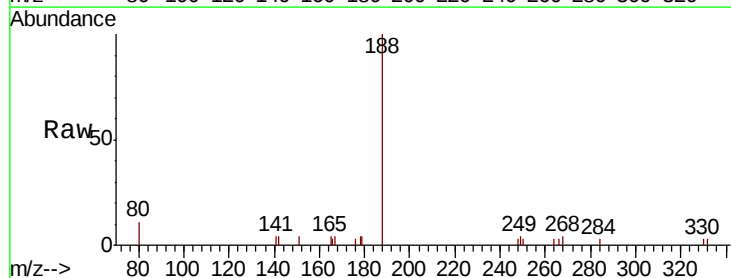


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

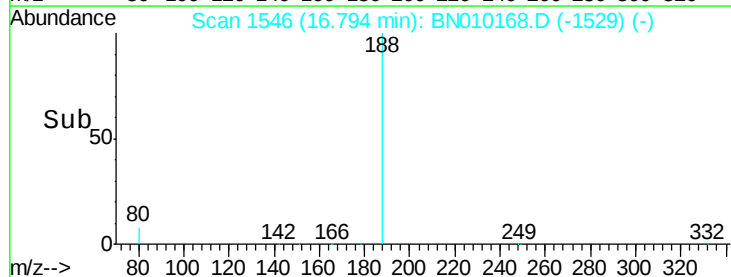
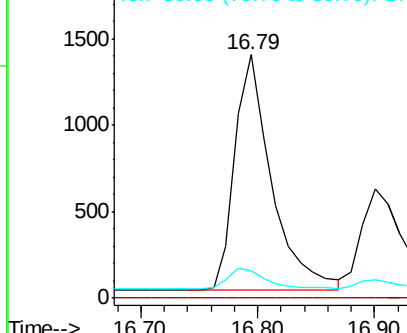


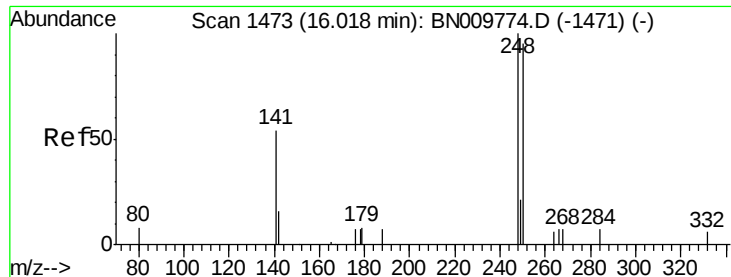
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BN010168.D
Acq: 10 Mar 2020 20:04

Tgt Ion:188 Resp: 2960
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 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

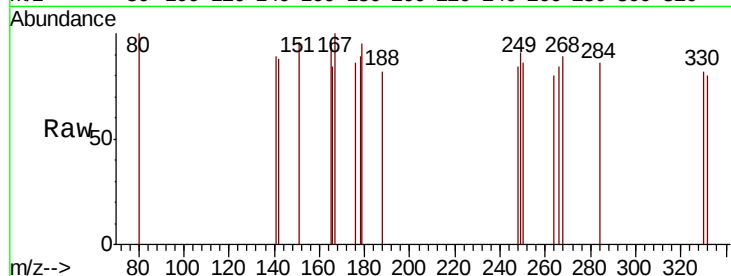




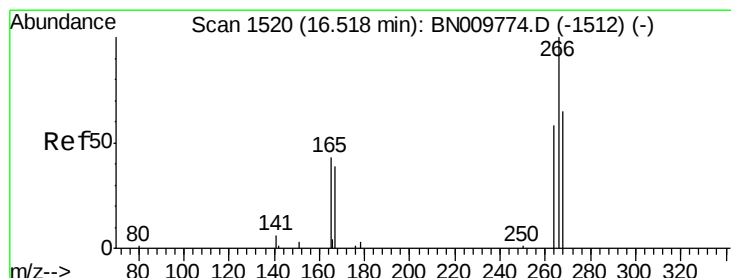
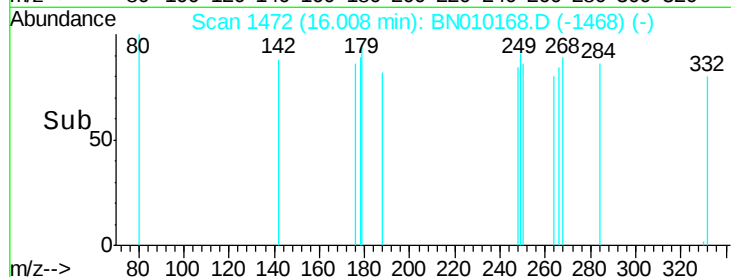
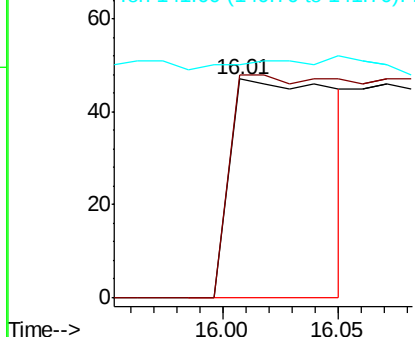
#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN010168.D
Acq: 10 Mar 2020 20:04

Instrument :
BNA_N
ClientSampleId :
RE132D1-20200304

Tot Ion:248 Resp: 148
Ion Ratio Lower Upper
248 100
250 102.1 76.2 114.4
141 106.4 57.8 86.6#

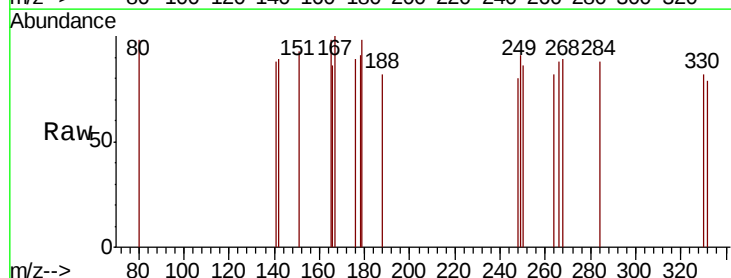


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

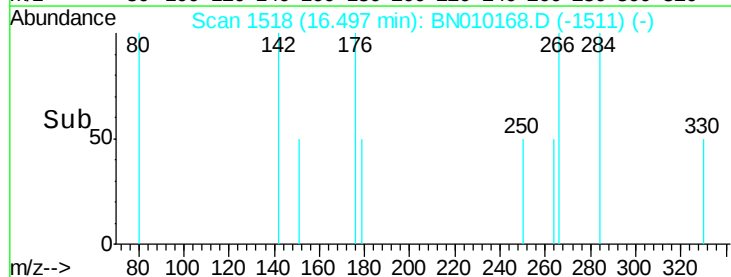
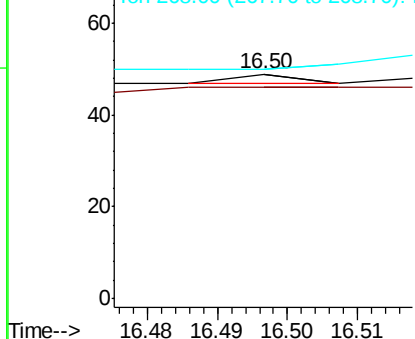


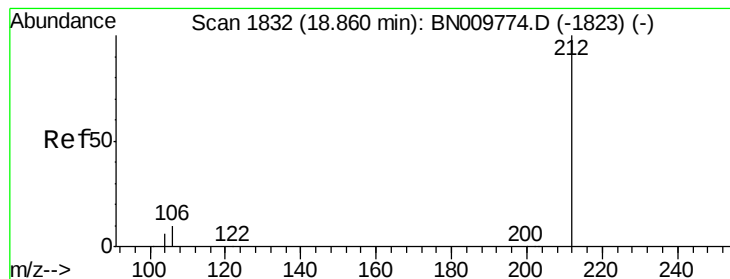
#22
Pentachlorophenol
Concen: 0.180 ng
RT: 16.50 min Scan# 1518
Delta R.T. -0.02 min
Lab File: BN010168.D
Acq: 10 Mar 2020 20:04

Tgt Ion:266 Resp: 1
Ion Ratio Lower Upper
266 100
264 93.9 58.1 87.1#
268 102.0 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: 0.359 ng

RT: 18.83 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BN010168.D

Acq: 10 Mar 2020 20:04

Instrument :

BNA_N

ClientSampleId :

RE132D1-20200304

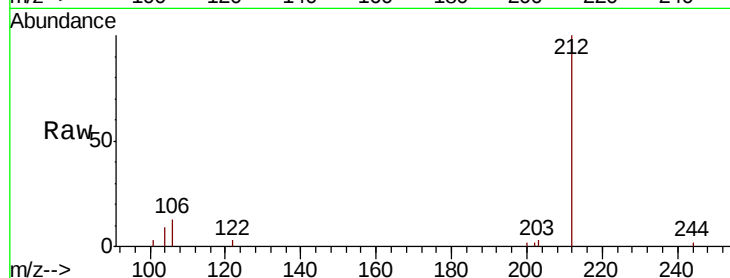
Tot Ion:212 Resp: 3676

Ion Ratio Lower Upper

212 100

106 9.9 8.4 12.6

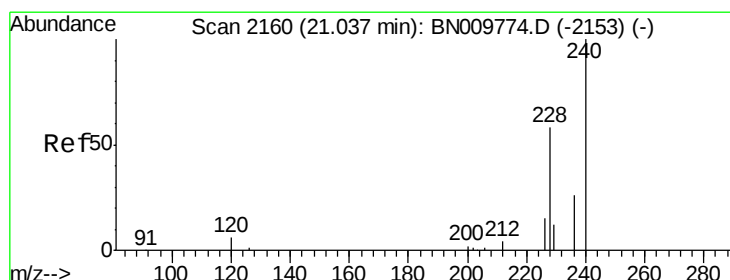
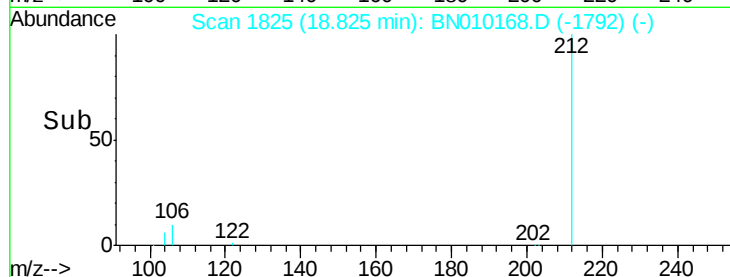
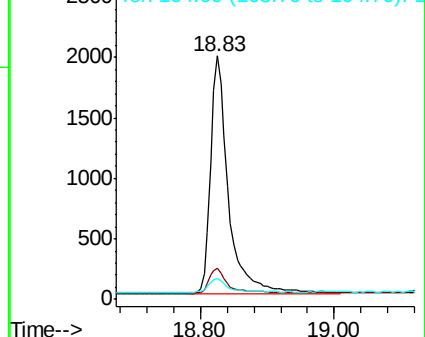
104 5.8 4.8 7.2



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: 20.99 min Scan# 2156

Delta R.T. -0.04 min

Lab File: BN010168.D

Acq: 10 Mar 2020 20:04

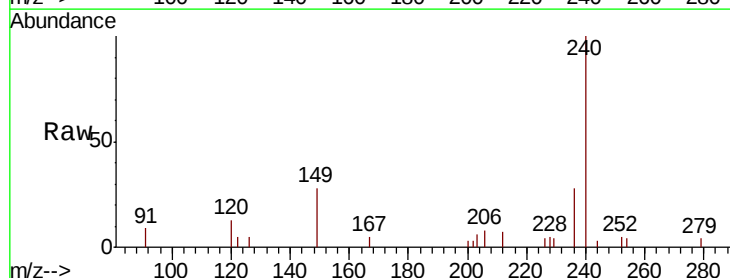
Tgt Ion:240 Resp: 3359

Ion Ratio Lower Upper

240 100

120 13.4 7.9 11.9#

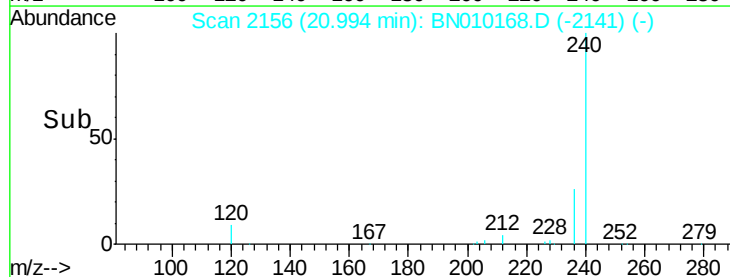
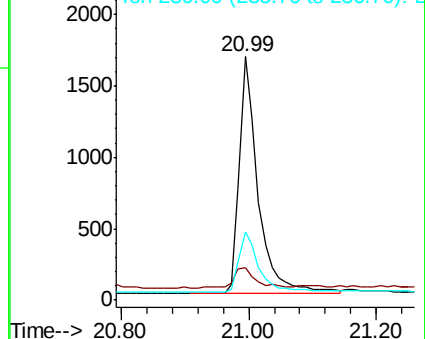
236 28.2 22.0 33.0

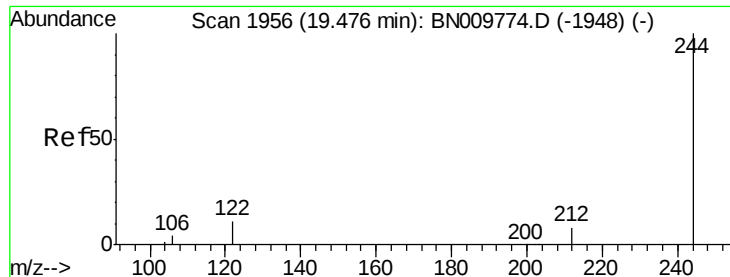


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.417 ng

RT: 19.43 min Scan# 1946

Delta R.T. -0.05 min

Lab File: BN010168.D

Acq: 10 Mar 2020 20:04

Instrument :

BNA_N

ClientSampleId :

RE132D1-20200304

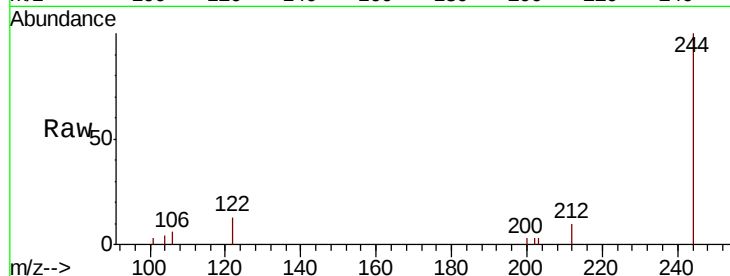
Tot Ion:244 Resp: 3349

Ion Ratio Lower Upper

244 100

212 10.4 8.0 12.0

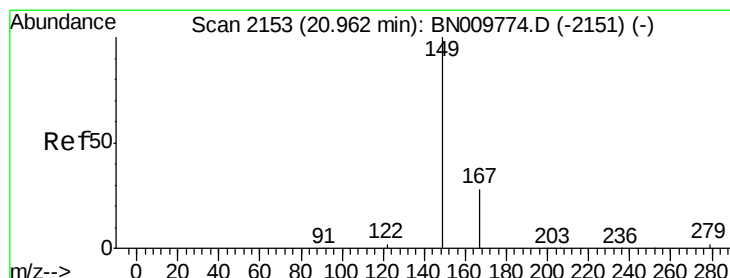
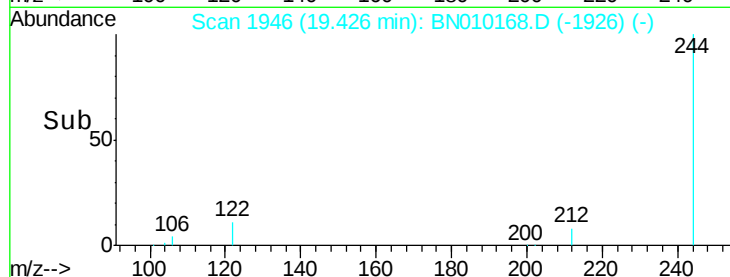
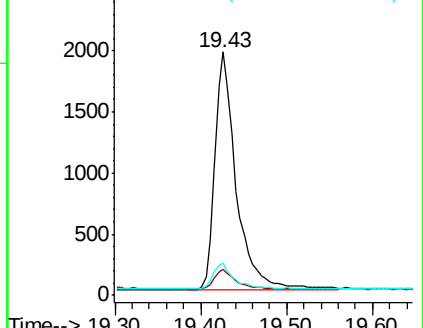
122 13.1 10.0 15.0



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: 0.245 ng

RT: 20.91 min Scan# 2148

Delta R.T. -0.05 min

Lab File: BN010168.D

Acq: 10 Mar 2020 20:04

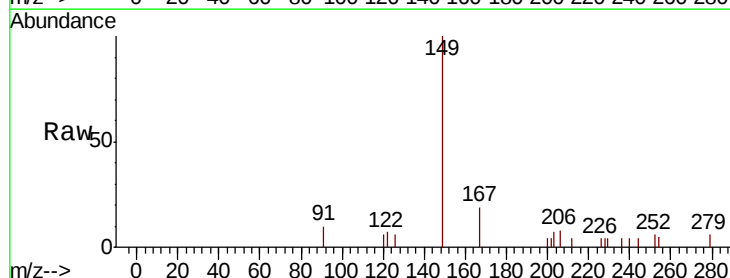
Tgt Ion:149 Resp: 1331

Ion Ratio Lower Upper

149 100

167 18.5 22.7 34.1#

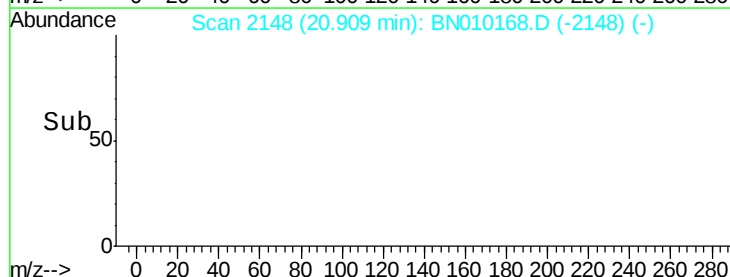
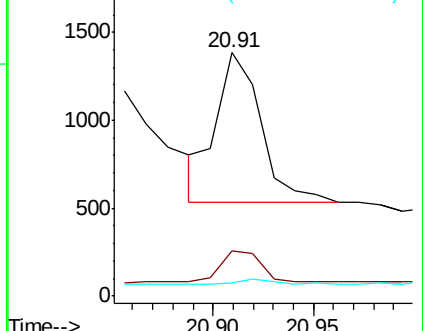
279 3.4 3.1 4.7

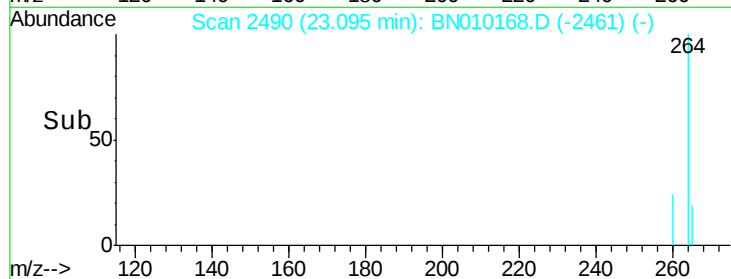
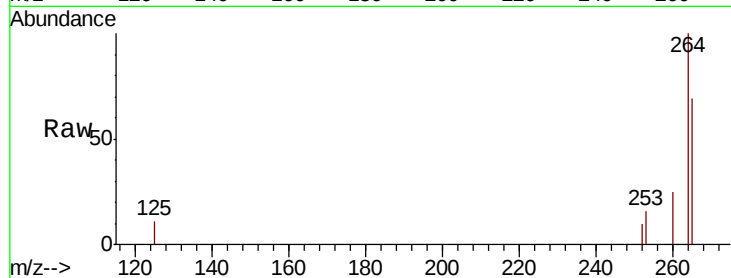
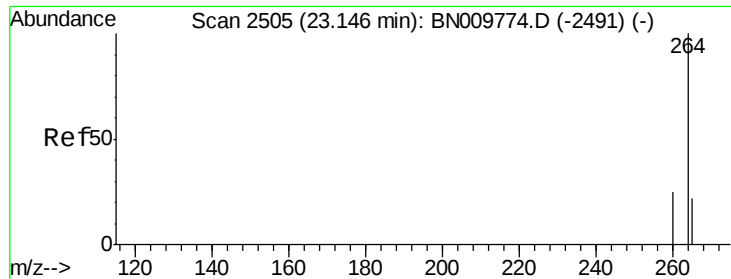


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.09 min Scan# 2490

Delta R.T. -0.05 min

Lab File: BN010168.D

Acq: 10 Mar 2020 20:04

Instrument :

BNA_N

ClientSampleId :

RE132D1-20200304

Tot Ion:264 Resp: 3498

Ion Ratio Lower Upper

264 100

260 25.4 21.1 31.7

265 69.3 57.5 86.3

