

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030220\
 Data File : BN010038.D
 Acq On : 02 Mar 2020 13:40
 Operator : CG/JU
 Sample : PB127062BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 02 15:44:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 15:27:13 2020
 Response via : Initial Calibration

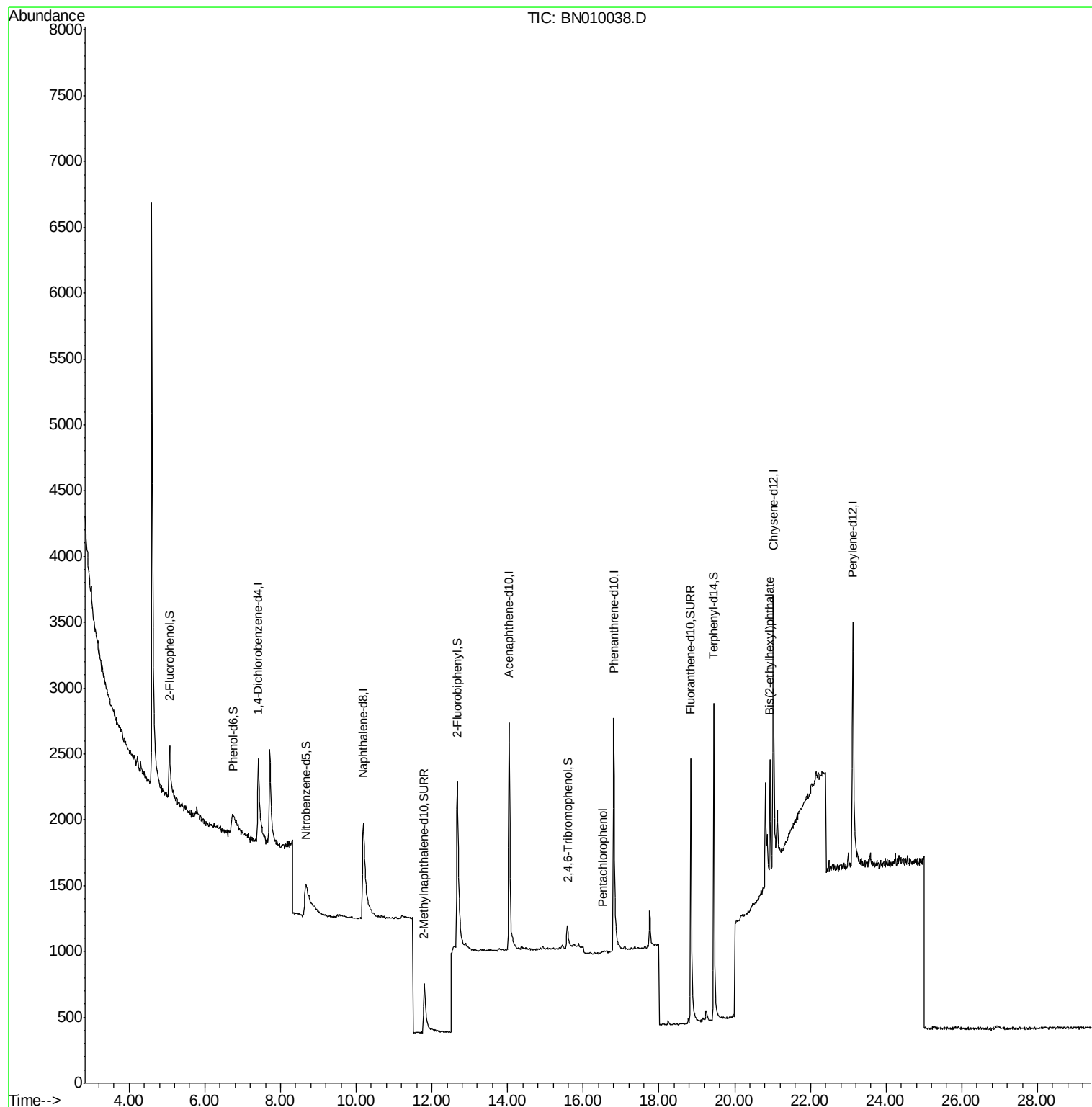
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	848	0.40	ng	0.02
7) Naphthalene-d8	10.19	136	2568	0.40	ng	0.05
13) Acenaphthene-d10	14.03	164	1722	0.40	ng	0.02
19) Phenanthrene-d10	16.80	188	3929	0.40	ng	0.02
27) Chrysene-d12	21.02	240	3579	0.40	ng	0.00
34) Perylene-d12	23.12	264	3696	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	671	0.36	ng	0.02
5) Phenol-d6	6.76	99	438	0.19	ng	0.13
8) Nitrobenzene-d5	8.68	82	610	0.29	ng	0.11
11) 2-Methylnaphthalene-d10	11.80	152	1350	0.27	ng	0.05
14) 2,4,6-Tribromophenol	15.58	330	215	0.32	ng	0.03
15) 2-Fluorobiphenyl	12.68	172	2396	0.37	ng	0.03
25) Fluoranthene-d10	18.84	212	3819	0.28	ng	0.01
29) Terphenyl-d14	19.45	244	3568	0.42	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.52	266	5	0.185	ng	# 70
32) Bis(2-ethylhexyl)phthalate	20.93	149	750	0.129	ng	# 97

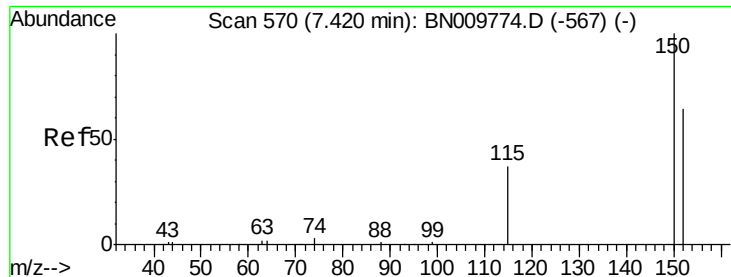
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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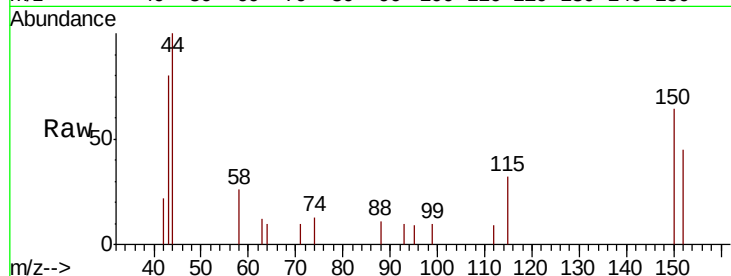


#1

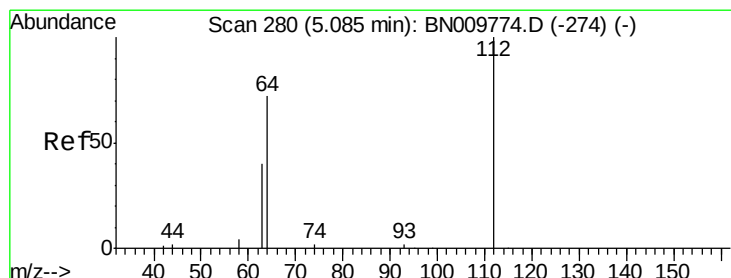
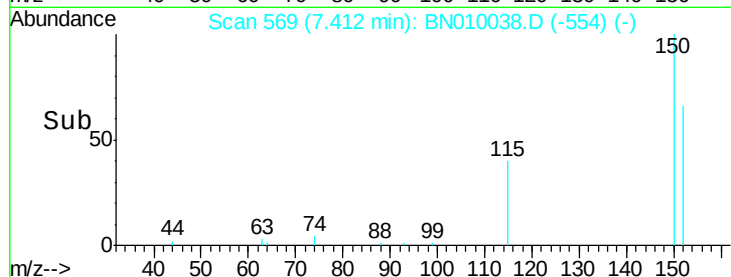
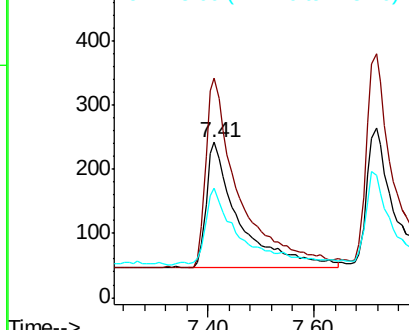
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. 0.02 min
Lab File: BN010038.D
Acq: 02 Mar 2020 13:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 848
Ion Ratio Lower Upper
152 100
150 141.7 118.6 177.8
115 70.7 51.8 77.6



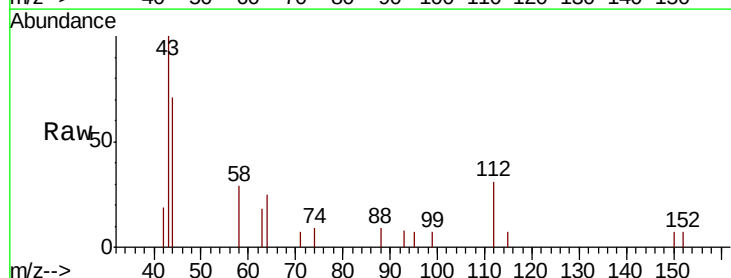
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



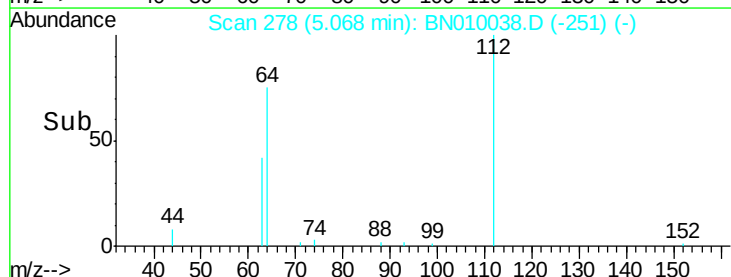
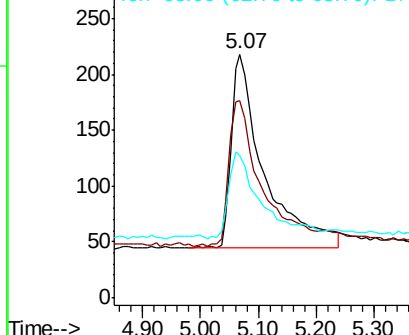
#4

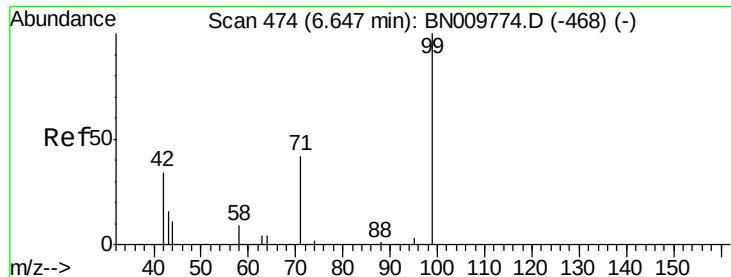
2-Fluorophenol
Concen: 0.356 ng
RT: 5.07 min Scan# 278
Delta R.T. 0.02 min
Lab File: BN010038.D
Acq: 02 Mar 2020 13:40

Tgt Ion:112 Resp: 671
Ion Ratio Lower Upper
112 100
64 80.0 62.5 93.7
63 46.1 35.4 53.0



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: 0.191 ng

RT: 6.76 min Scan# 488

Delta R.T. 0.13 min

Lab File: BN010038.D

Acq: 02 Mar 2020 13:40

Instrument :

BNA_N

ClientSampleId :

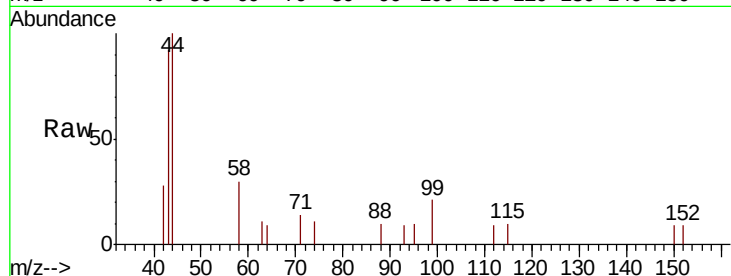
Tot Ion: 99 Resp: 438

Ion Ratio Lower Upper

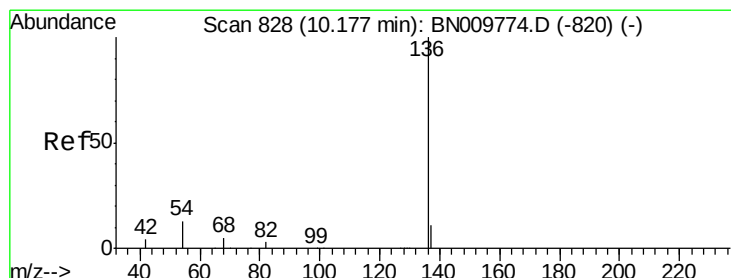
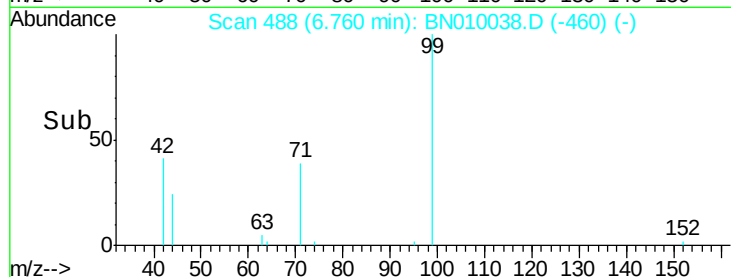
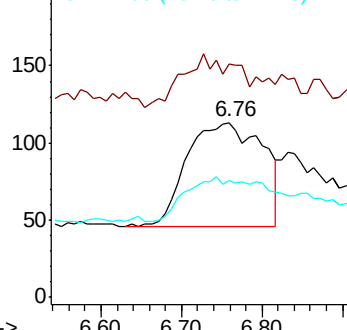
99 100

42 0.0 25.9 38.9#

71 0.0 35.0 52.6#



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: 10.19 min Scan# 829

Delta R.T. 0.05 min

Lab File: BN010038.D

Acq: 02 Mar 2020 13:40

Tgt Ion: 136 Resp: 2568

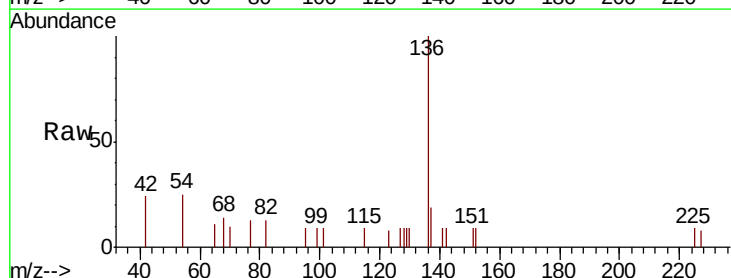
Ion Ratio Lower Upper

136 100

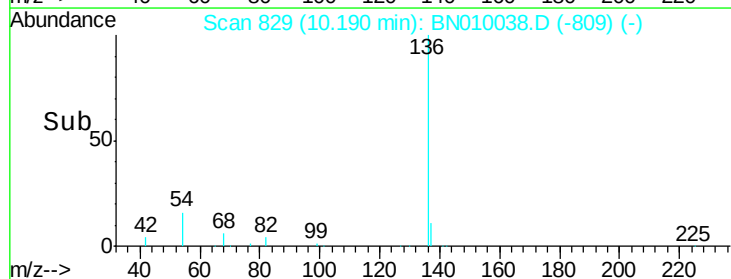
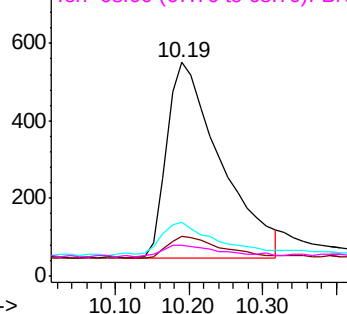
137 18.7 11.3 16.9#

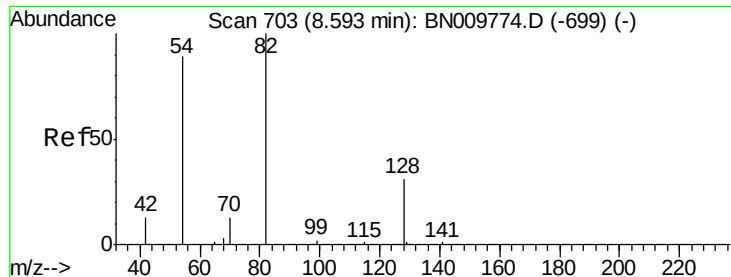
54 24.9 13.9 20.9#

68 14.3 7.1 10.7#



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

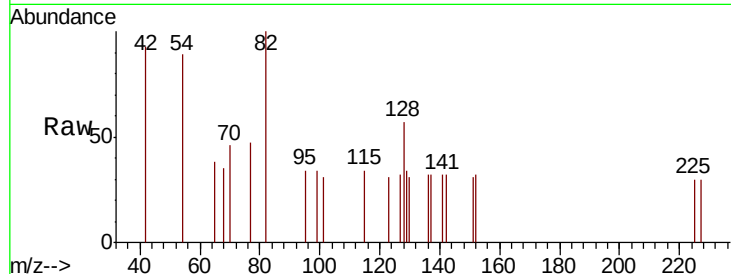




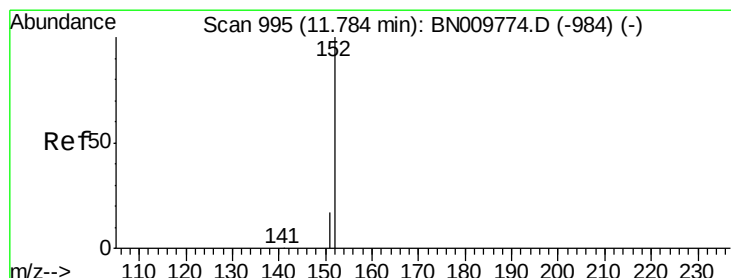
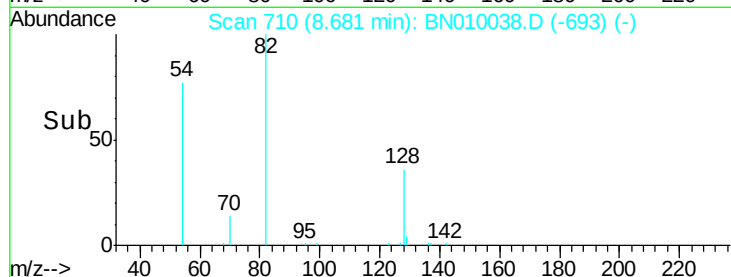
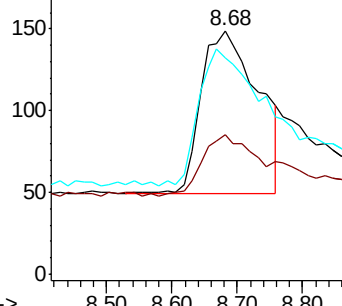
#8
 Nitrobenzene-d5
 Concen: 0.285 ng
 RT: 8.68 min Scan# 710
 Delta R.T. 0.11 min
 Lab File: BN010038.D
 Acq: 02 Mar 2020 13:40

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 82 Resp: 610
 Ion Ratio Lower Upper
 82 100
 128 57.0 37.5 56.3#
 54 88.6 72.4 108.6

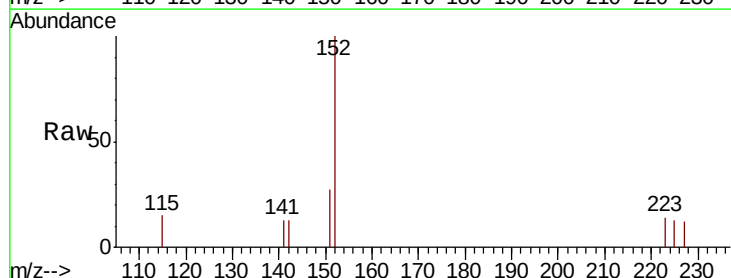


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

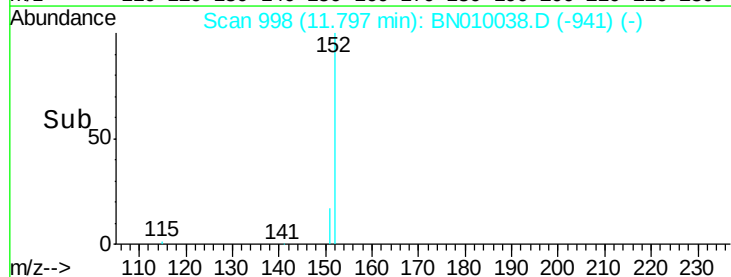
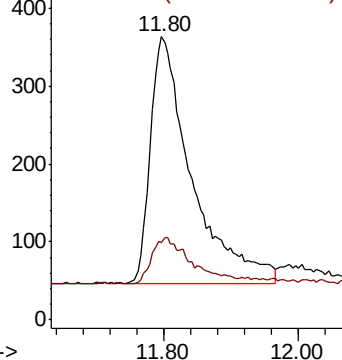


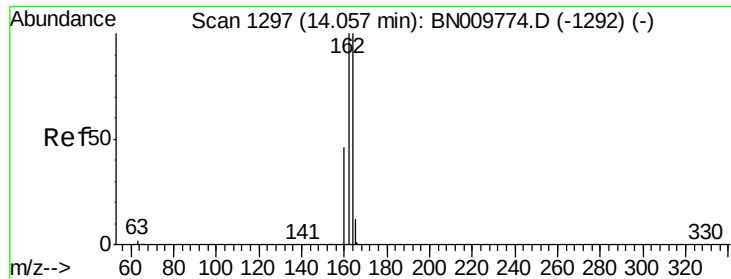
#11
 2-Methylnaphthalene-d10
 Concen: 0.272 ng
 RT: 11.80 min Scan# 998
 Delta R.T. 0.05 min
 Lab File: BN010038.D
 Acq: 02 Mar 2020 13:40

Tgt Ion: 152 Resp: 1350
 Ion Ratio Lower Upper
 152 100
 151 17.6 14.6 22.0



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: 14.03 min Scan# 1295

Delta R.T. 0.02 min

Lab File: BN010038.D

Acq: 02 Mar 2020 13:40

Instrument :

BNA_N

ClientSampleId :

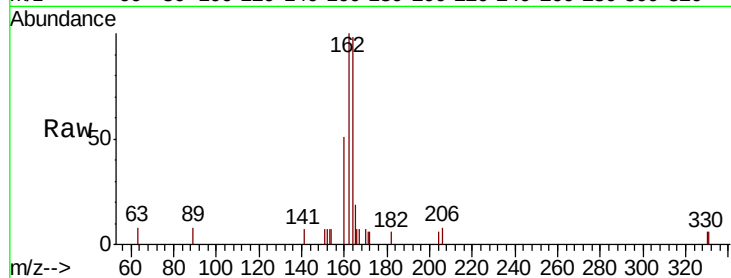
Tot Ion:164 Resp: 1722

Ion Ratio Lower Upper

164 100

162 102.4 81.9 122.9

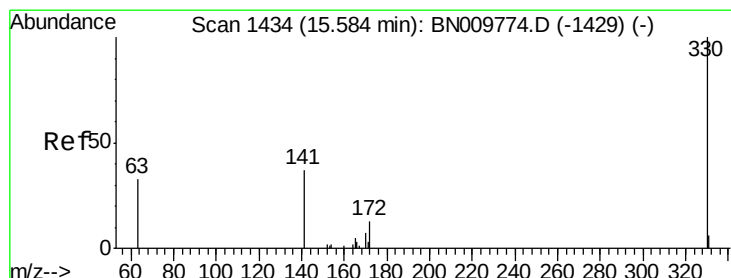
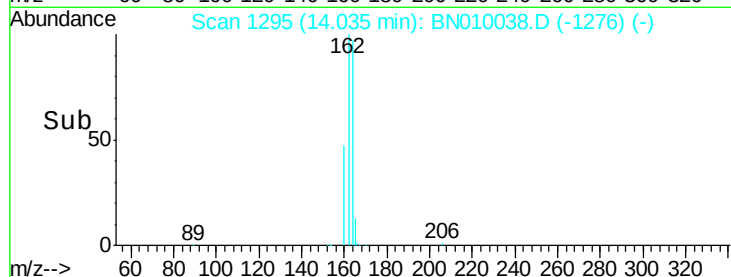
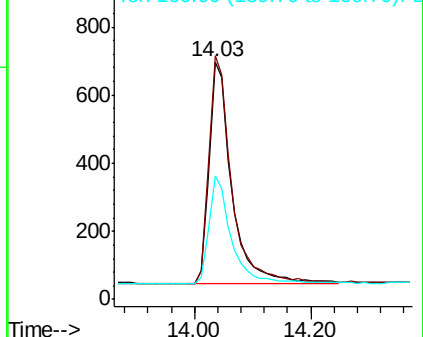
160 51.9 37.6 56.4



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: 15.58 min Scan# 1434

Delta R.T. 0.03 min

Lab File: BN010038.D

Acq: 02 Mar 2020 13:40

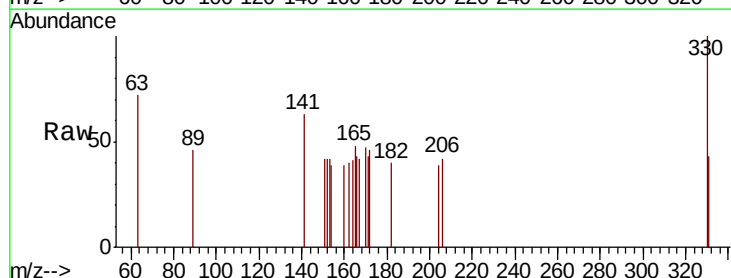
Tgt Ion:330 Resp: 215

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

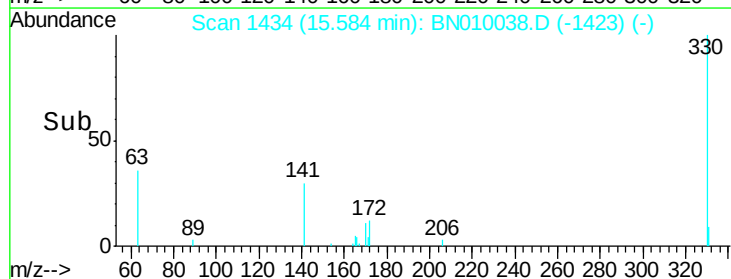
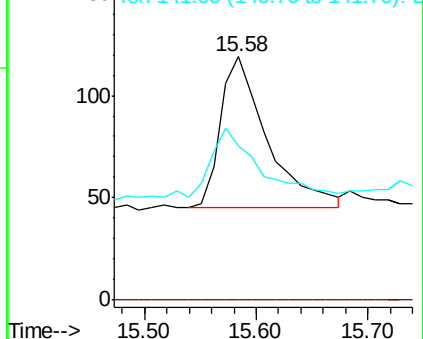
141 48.4 38.2 57.2

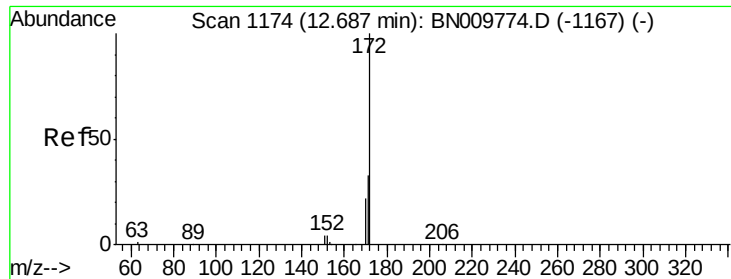


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

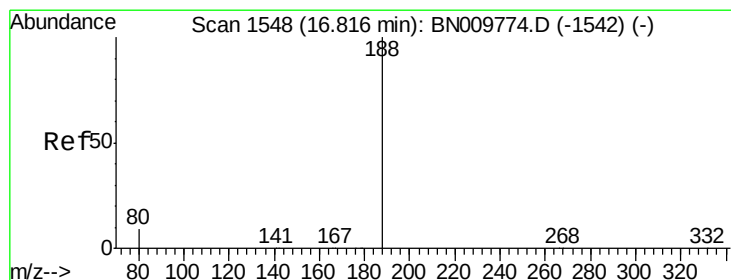
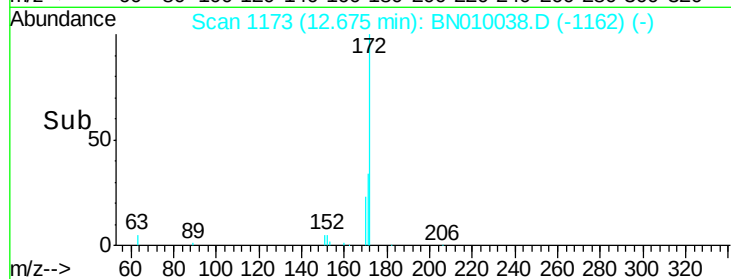
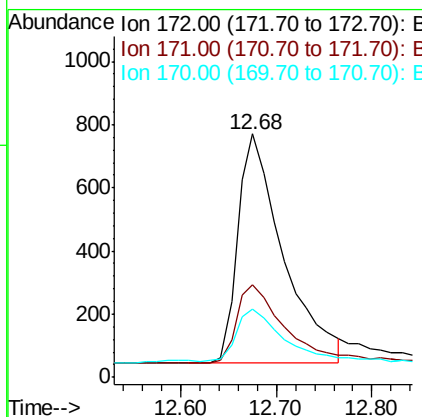
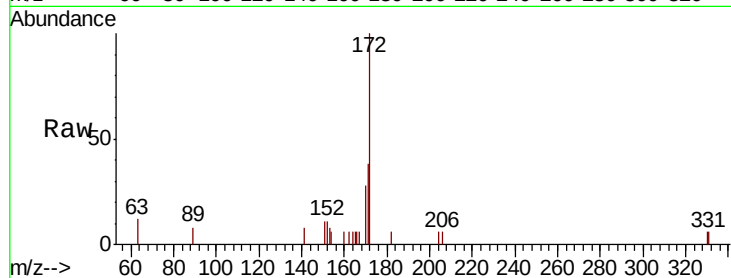




#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.03 min
Lab File: BN010038.D
Acq: 02 Mar 2020 13:40

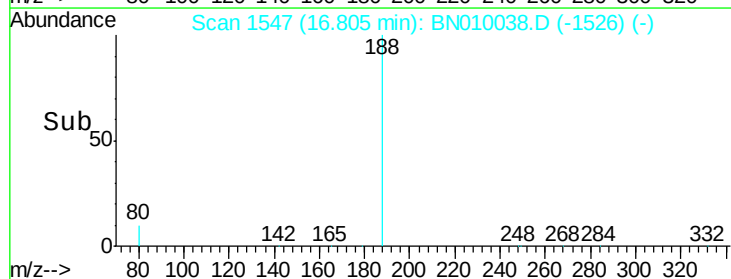
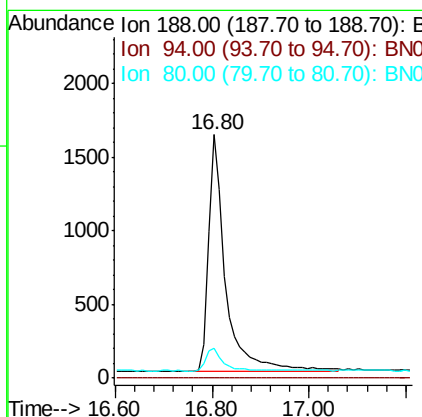
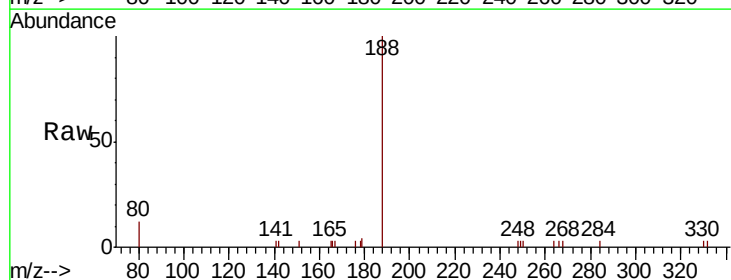
Instrument :
BNA_N
ClientSampleId :

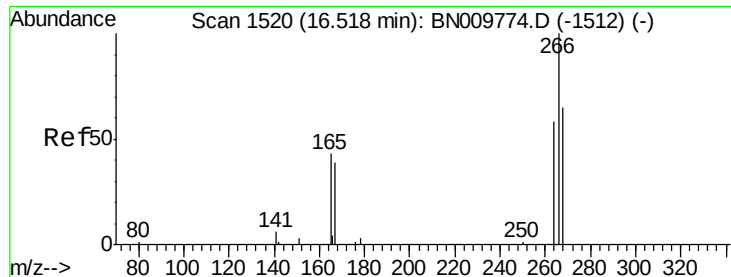
Tot Ion:172 Resp: 2396
Ion Ratio Lower Upper
172 100
171 38.1 28.8 43.2
170 28.3 19.4 29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. 0.02 min
Lab File: BN010038.D
Acq: 02 Mar 2020 13:40

Tgt Ion:188 Resp: 3929
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 9.4 14.2

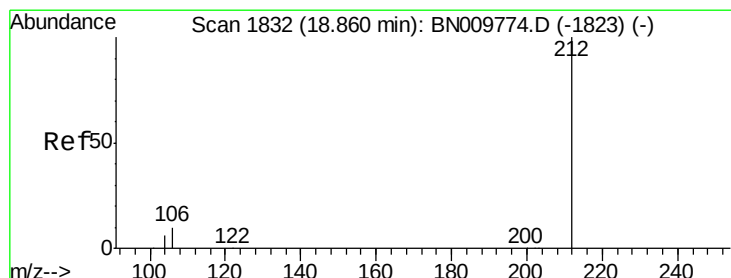
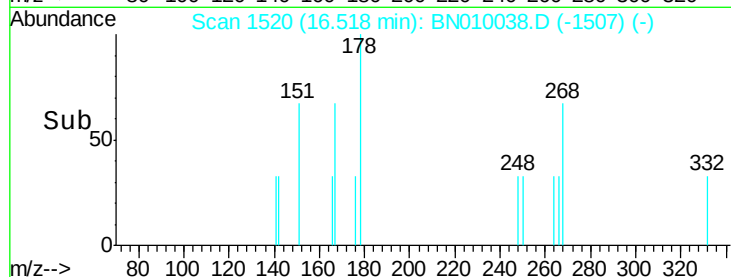
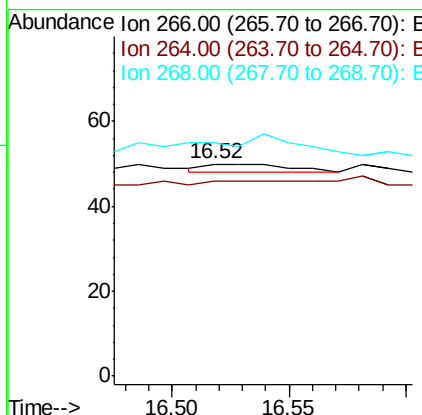
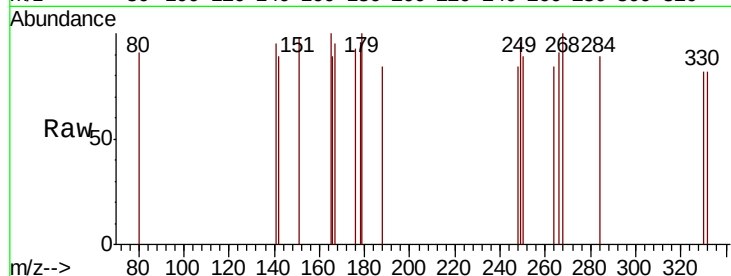




#22
 Pentachlorophenol
 Concen: 0.185 ng
 RT: 16.52 min Scan# 1520
 Delta R.T. 0.04 min
 Lab File: BN010038.D
 Acq: 02 Mar 2020 13:40

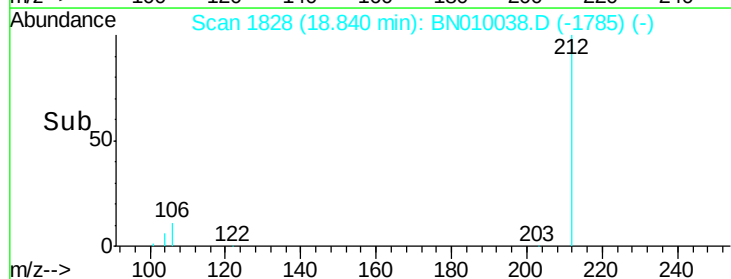
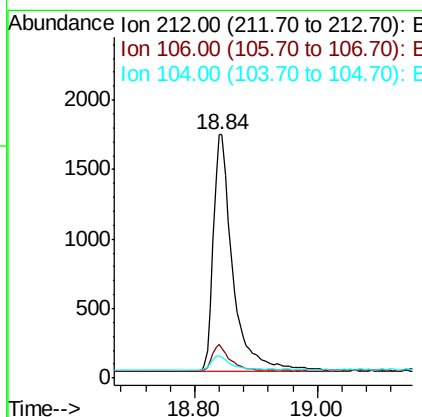
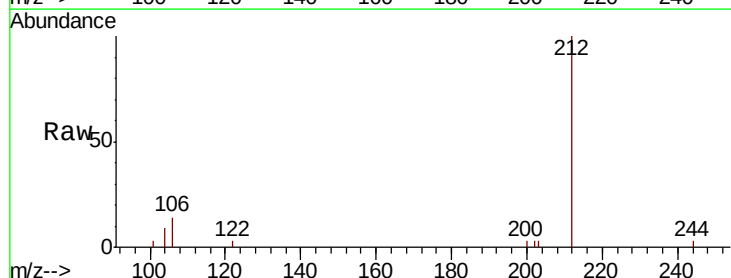
Instrument :
 BNA_N
 ClientSampleId :

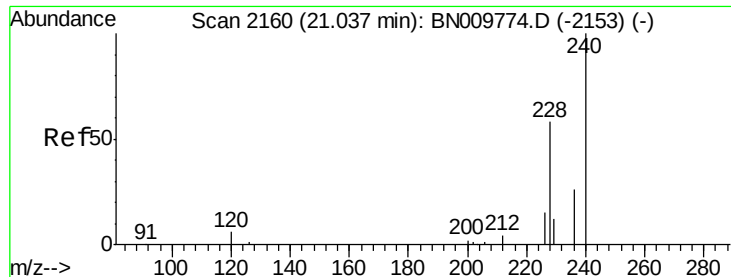
Tot Ion:266 Resp: 5
 Ion Ratio Lower Upper
 266 100
 264 92.0 57.4 86.0#
 268 110.0 63.8 95.6#



#25
 Fluoranthene-d10
 Concen: 0.281 ng
 RT: 18.84 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BN010038.D
 Acq: 02 Mar 2020 13:40

Tgt Ion:212 Resp: 3819
 Ion Ratio Lower Upper
 212 100
 106 10.5 8.2 12.4
 104 6.1 5.0 7.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2158

Delta R.T. 0.01 min

Lab File: BN010038.D

Acq: 02 Mar 2020 13:40

Instrument :

BNA_N

ClientSampleId :

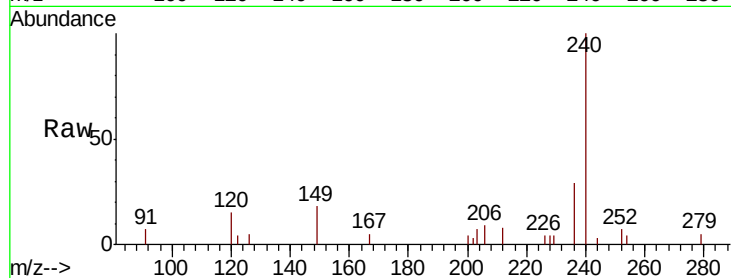
Tot Ion:240 Resp: 3579

Ion Ratio Lower Upper

240 100

120 15.3 8.5 12.7#

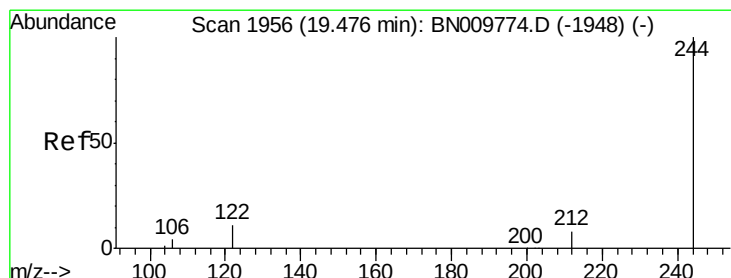
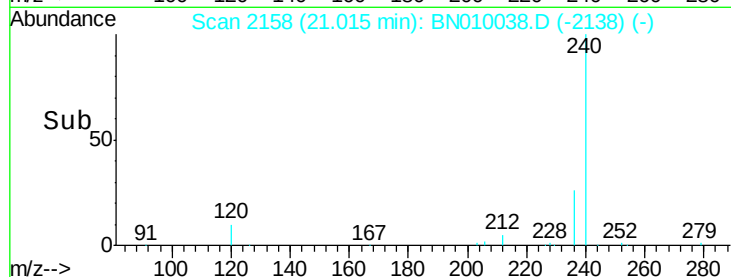
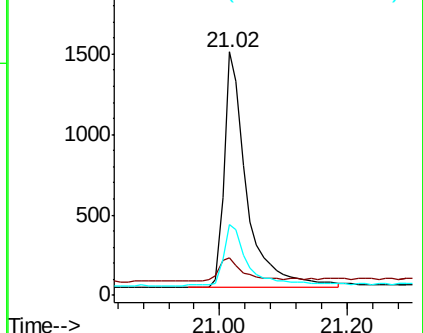
236 29.2 22.5 33.7



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: 19.45 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BN010038.D

Acq: 02 Mar 2020 13:40

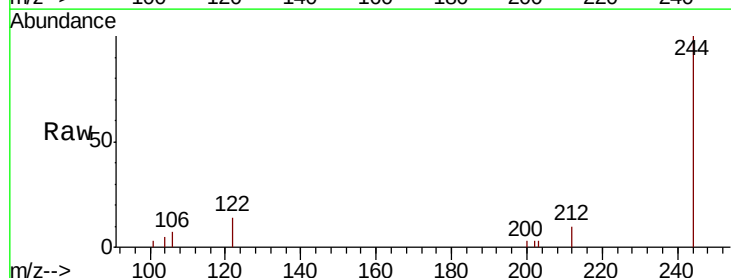
Tgt Ion:244 Resp: 3568

Ion Ratio Lower Upper

244 100

212 10.5 8.0 12.0

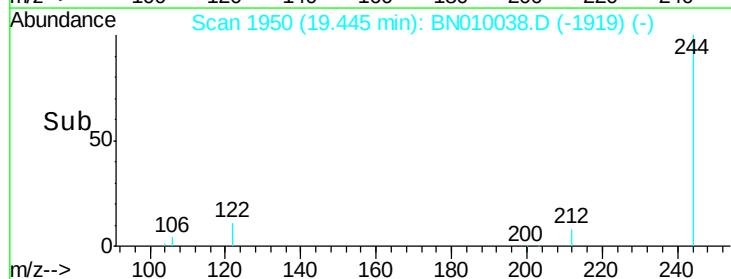
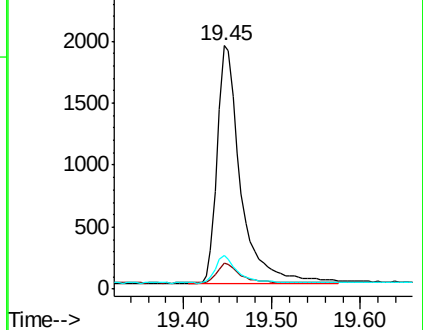
122 13.7 9.9 14.9

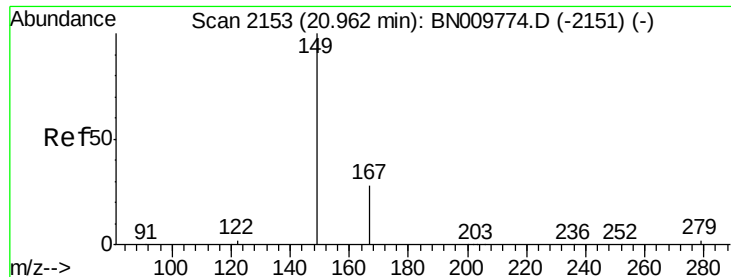


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.129 ng

RT: 20.93 min Scan# 2150

Delta R.T. -0.00 min

Lab File: BN010038.D

Acq: 02 Mar 2020 13:40

Instrument :

BNA_N

ClientSampleId :

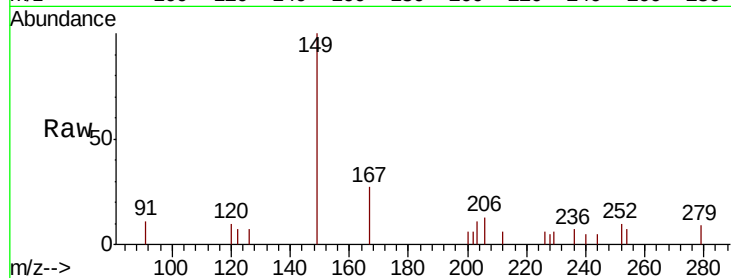
Tot Ion:149 Resp: 750

Ion Ratio Lower Upper

149 100

167 28.8 22.0 33.0

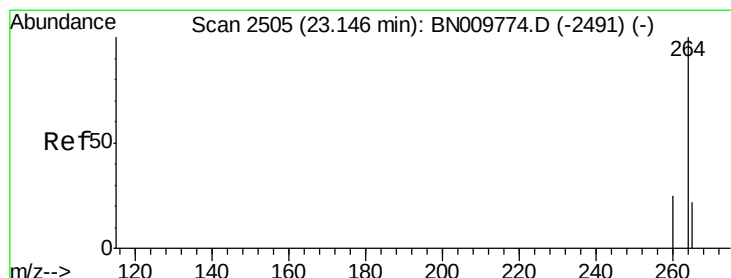
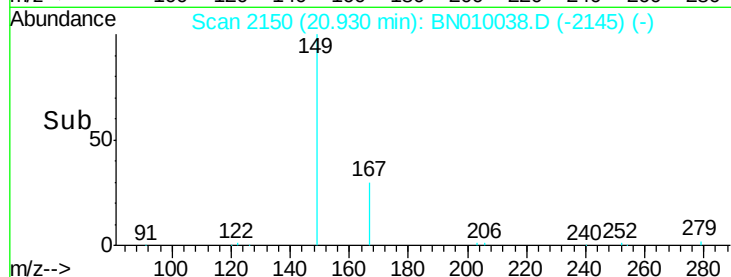
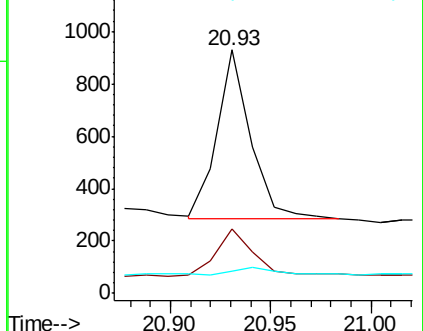
279 5.3 3.2 4.8#



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

Perylene-d12

Concen: 0.400 ng

RT: 23.12 min Scan# 2497

Delta R.T. 0.02 min

Lab File: BN010038.D

Acq: 02 Mar 2020 13:40

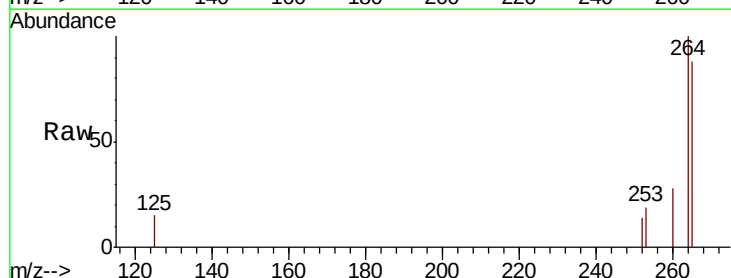
Tgt Ion:264 Resp: 3696

Ion Ratio Lower Upper

264 100

260 27.8 20.4 30.6

265 88.0 50.5 75.7#



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

