

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
 Data File : BN010196.D
 Acq On : 11 Mar 2020 17:35
 Operator : CG/JU
 Sample : L1842-11DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20200304DL

Quant Time: Mar 12 07:15:30 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 Mar 11 17:37:44 2020
 Response via : Initial Calibration

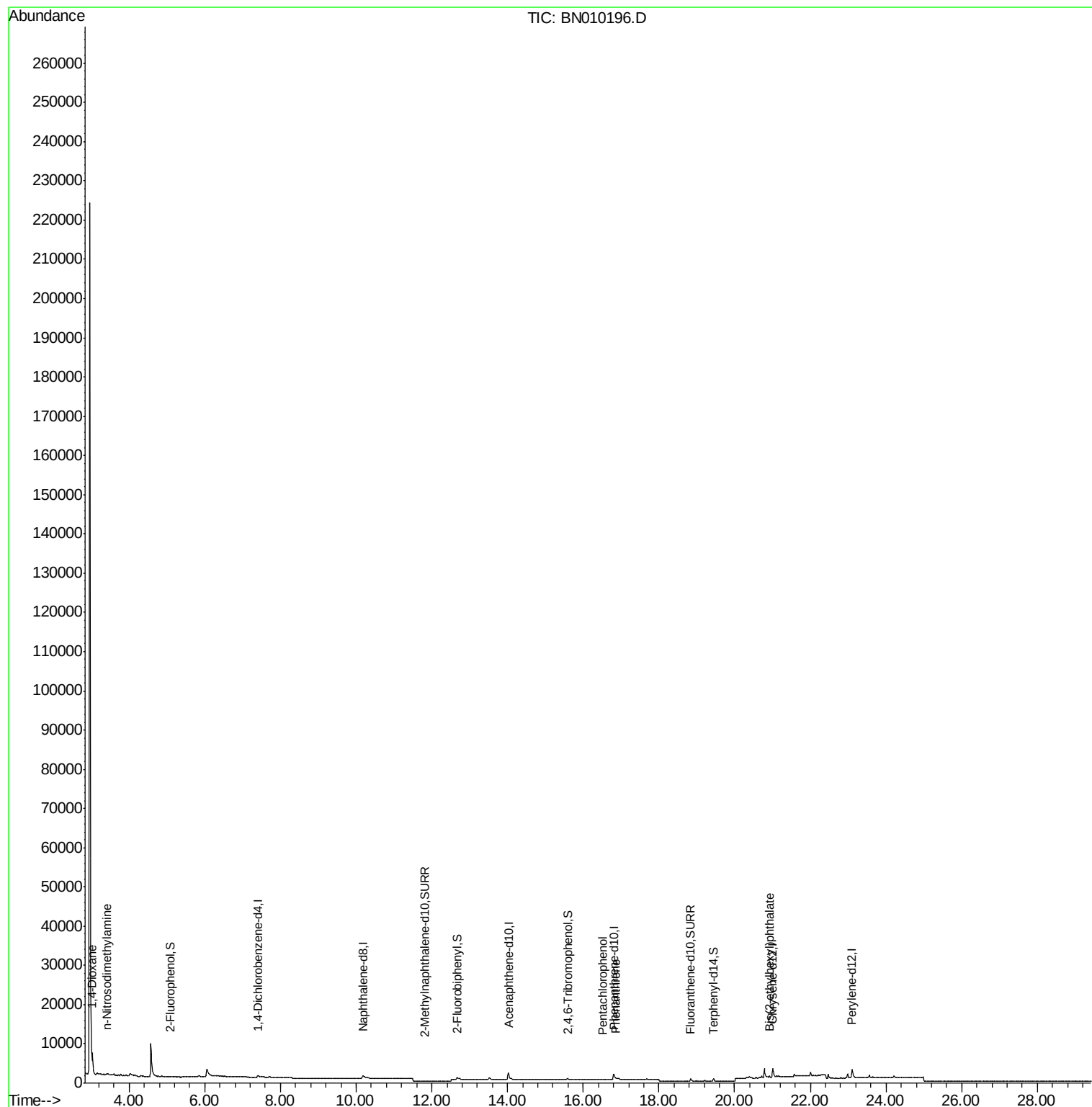
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	763	0.40	ng	0.04
7) Naphthalene-d8	10.19	136	2411	0.40	ng	0.08
13) Acenaphthene-d10	14.02	164	1733	0.40	ng	0.02
19) Phenanthrene-d10	16.80	188	3398	0.40	ng	0.03
27) Chrysene-d12	21.00	240	3600	0.40	ng	0.01
34) Perylene-d12	23.10	264	3803	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	50	0.03	ng	0.07
5) Phenol-d6	6.58	99	3	0.00	ng	-0.02
8) Nitrobenzene-d5	8.57	82	5	0.00	ng	0.01
11) 2-Methylnaphthalene-d10	11.81	152	510	0.11	ng	0.08
14) 2,4,6-Tribromophenol	15.58	330	106	0.16	ng	0.04
15) 2-Fluorobiphenyl	12.68	172	786	0.12	ng	0.04
25) Fluoranthene-d10	18.84	212	1607	0.14	ng	0.02
29) Terphenyl-d14	19.44	244	1389	0.16	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.04	88	1855	2.374	ng	96
3) n-Nitrosodimethylamine	3.42	42	60	0.047	ng	# 1
22) Pentachlorophenol	16.52	266	9	0.191	ng	# 79
23) Phenanthrene	16.85	178	316	0.031	ng	98
32) Bis(2-ethylhexyl)phthalate	20.92	149	286	0.049	ng	93

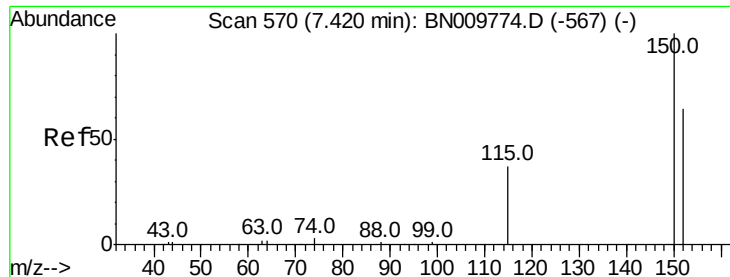
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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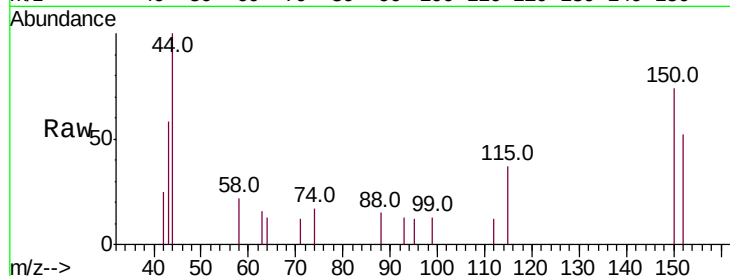


#1

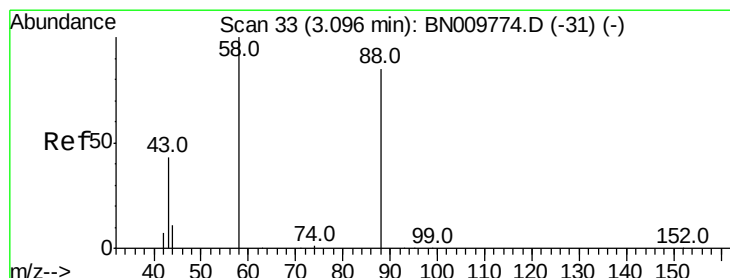
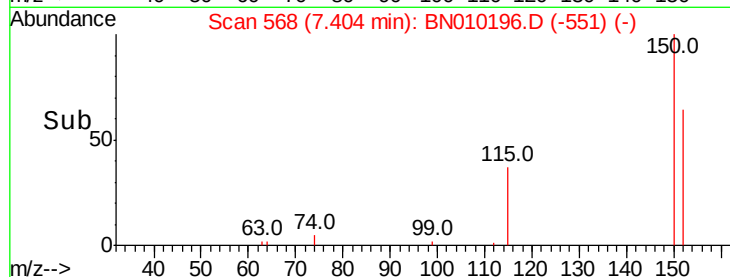
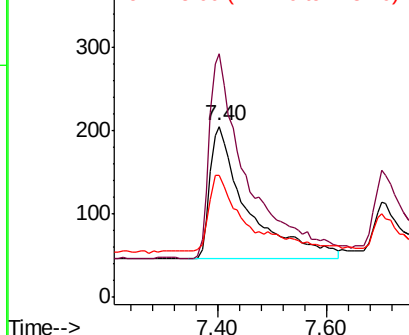
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. 0.04 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

Instrument :
BNA_N
ClientSampleId :
RE132D6-20200304DL

Tot Ion:152 Resp: 763
Ion Ratio Lower Upper
152 100
150 142.4 120.6 181.0
115 71.2 51.2 76.8



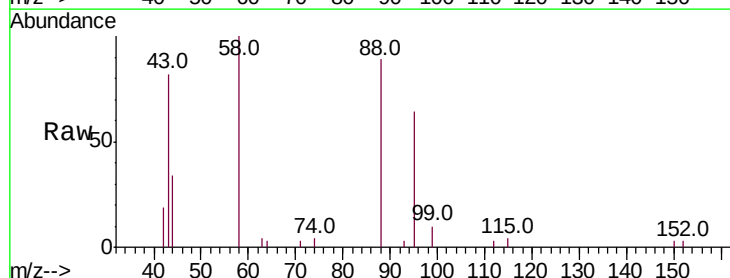
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



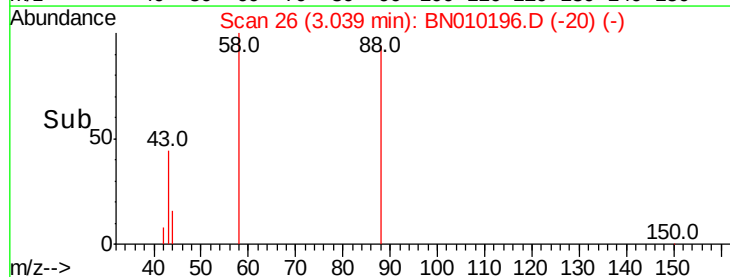
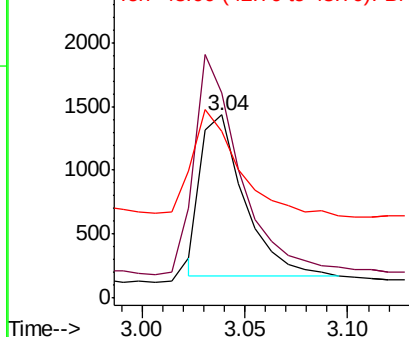
#2

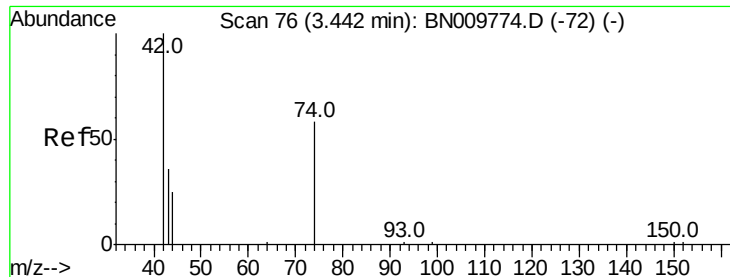
1,4-Dioxane
Concen: 2.374 ng
RT: 3.04 min Scan# 26
Delta R.T. 0.00 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

Tgt Ion: 88 Resp: 1855
Ion Ratio Lower Upper
88 100
58 117.9 97.8 146.8
43 59.8 45.1 67.7



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.047 ng

RT: 3.42 min Scan# 73

Delta R.T. 0.03 min

Lab File: BN010196.D

Acq: 11 Mar 2020 17:35

Instrument :

BNA_N

ClientSampleId :

RE132D6-20200304DL

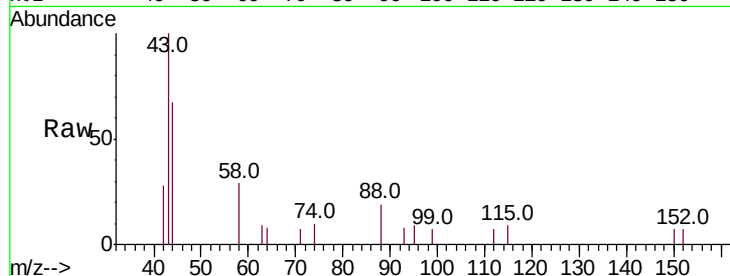
Tot Ion: 42 Resp: 60

Ion Ratio Lower Upper

42 100

74 6.7 51.2 76.8#

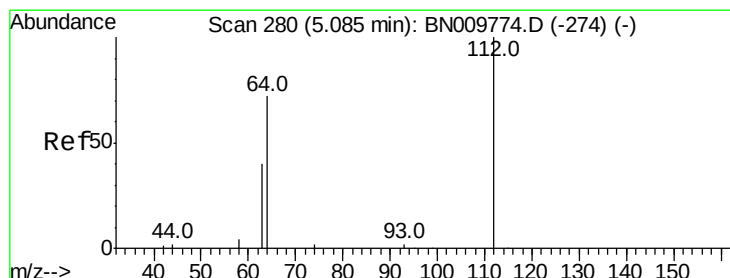
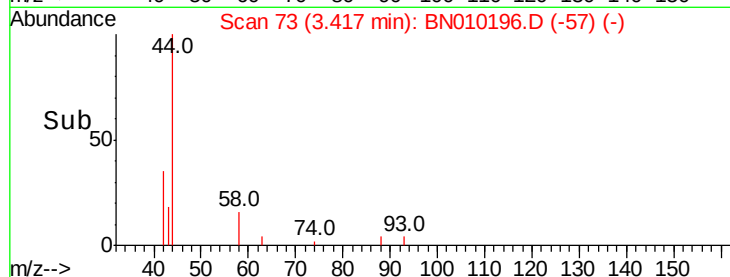
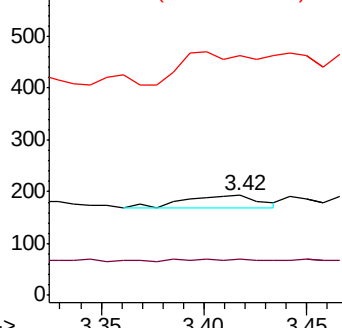
44 243.3 2.6 4.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.029 ng

RT: 5.11 min Scan# 283

Delta R.T. 0.07 min

Lab File: BN010196.D

Acq: 11 Mar 2020 17:35

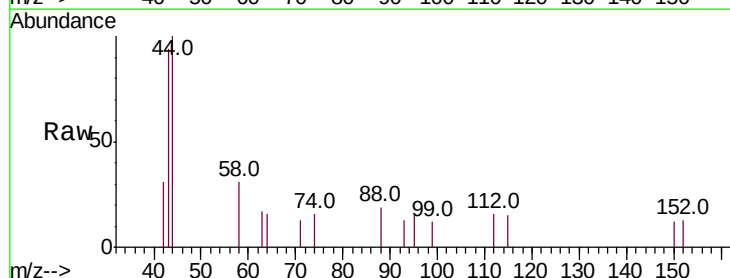
Tgt Ion: 112 Resp: 50

Ion Ratio Lower Upper

112 100

64 168.0 65.8 98.6#

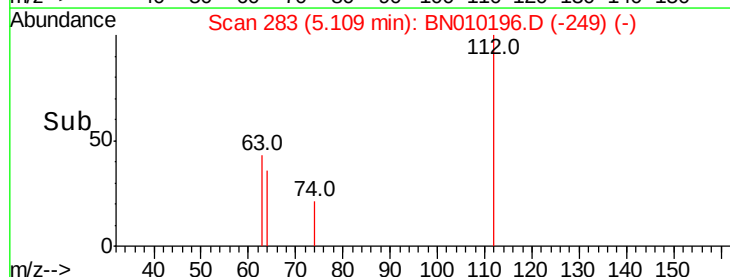
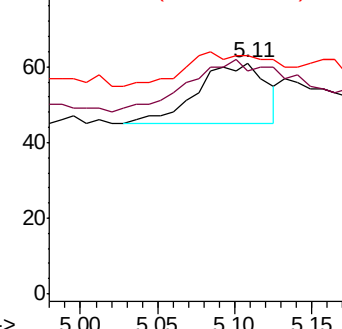
63 0.0 38.7 58.1#

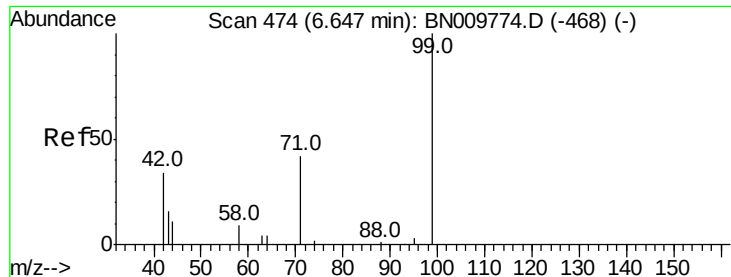


Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.001 ng

RT: 6.58 min Scan# 466

Delta R.T. -0.02 min

Lab File: BN010196.D

Acq: 11 Mar 2020 17:35

Instrument :

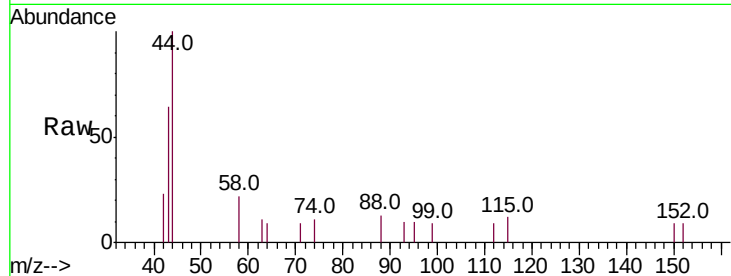
BNA_N

ClientSampleId :

RE132D6-20200304DL

Tot Ion: 99 Resp: 3

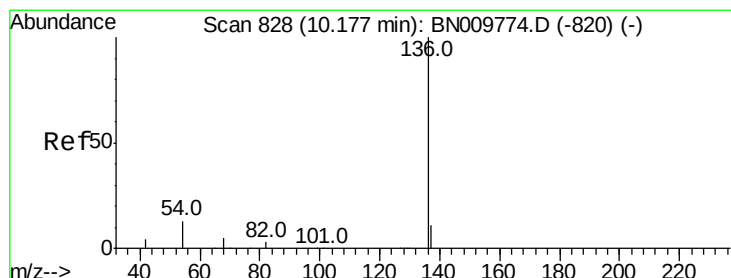
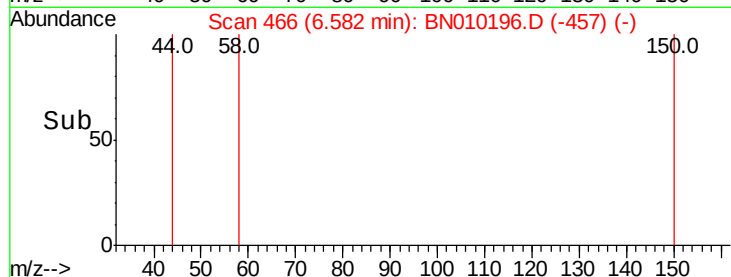
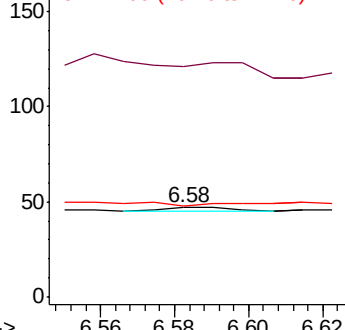
Ion	Ratio	Lower	Upper
99	100		
42	0.0	30.8	46.2#
71	0.0	34.9	52.3#



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: 10.19 min Scan# 829

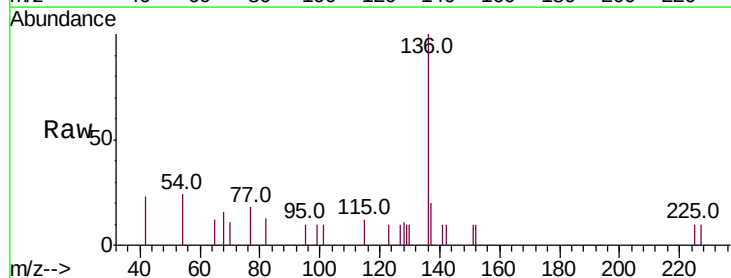
Delta R.T. 0.08 min

Lab File: BN010196.D

Acq: 11 Mar 2020 17:35

Tgt Ion: 136 Resp: 2411

Ion	Ratio	Lower	Upper
136	100		
137	20.3	11.3	16.9#
54	23.9	13.4	20.2#
68	15.6	7.0	10.4#

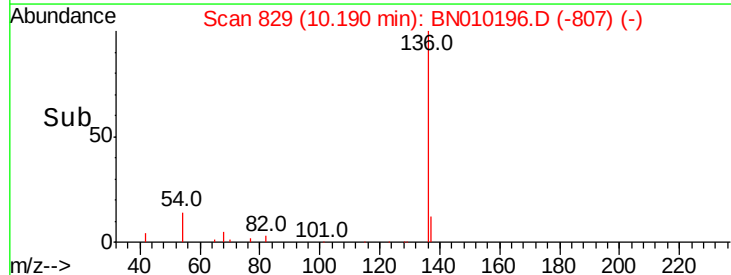
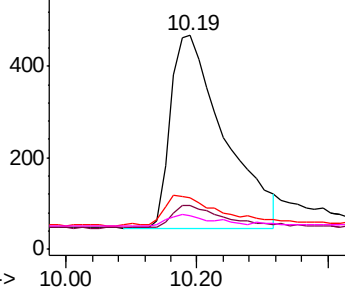


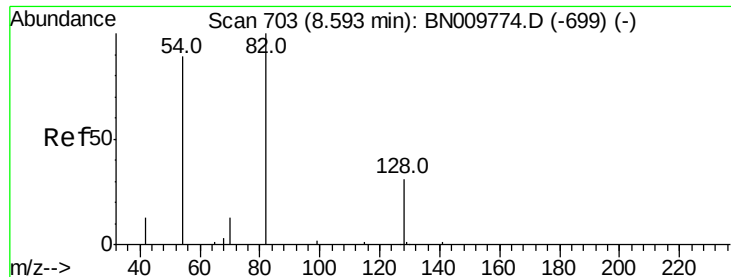
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.002 ng

RT: 8.57 min Scan# 701

Delta R.T. 0.01 min

Lab File: BN010196.D

Acq: 11 Mar 2020 17:35

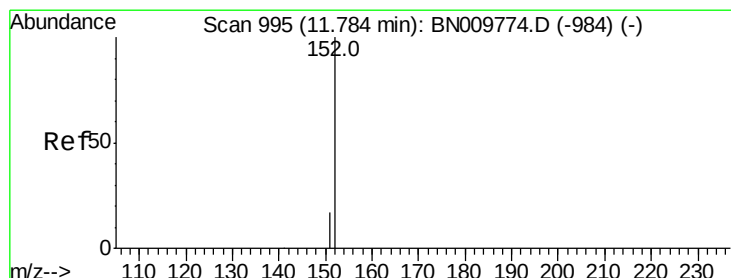
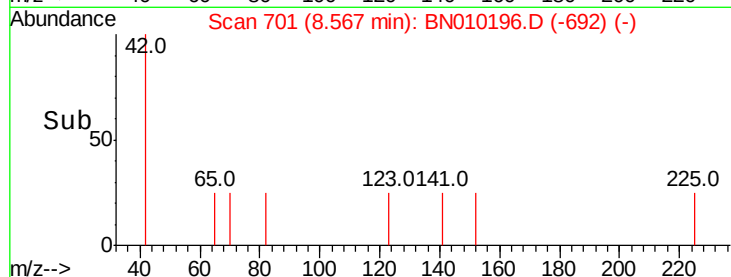
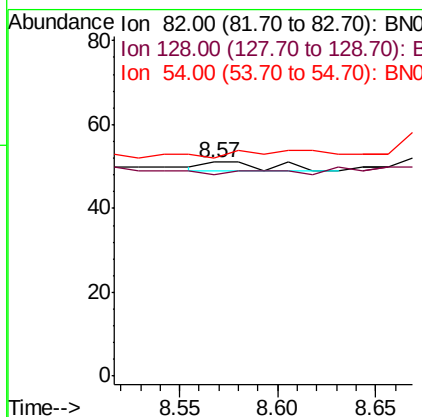
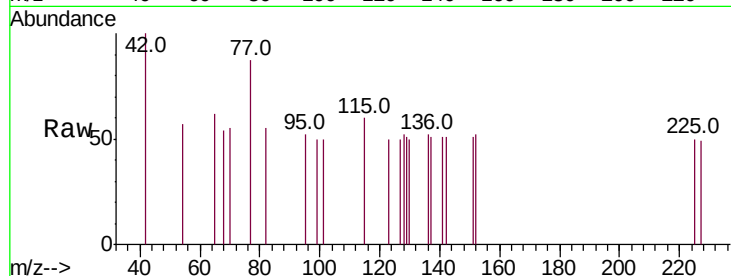
Instrument :

BNA_N

ClientSampleId :

RE132D6-20200304DL

Tot Ion:	82	Resp:	5
Ion	Ratio	Lower	Upper
82	100		
128	94.1	32.5	48.7#
54	102.0	73.5	110.3



#11

2-Methylnaphthalene-d10

Concen: 0.109 ng

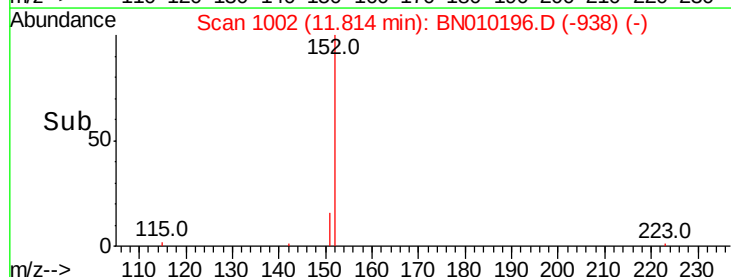
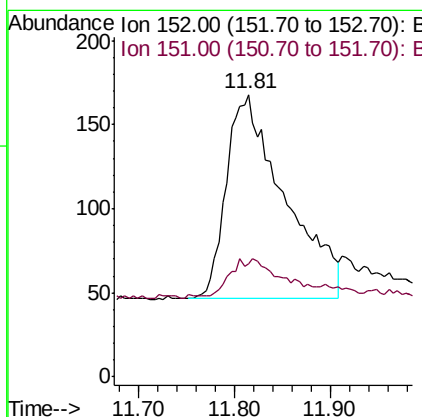
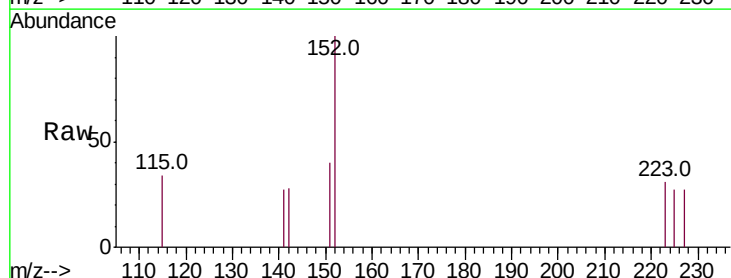
RT: 11.81 min Scan# 1002

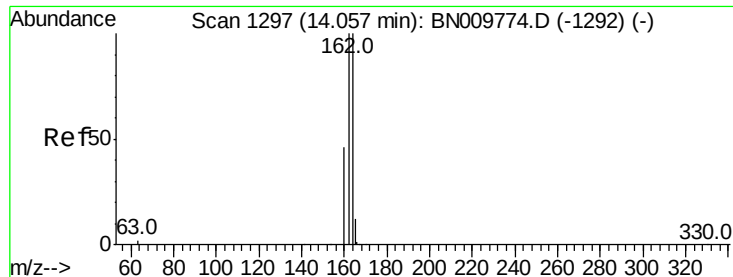
Delta R.T. 0.08 min

Lab File: BN010196.D

Acq: 11 Mar 2020 17:35

Tgt Ion:	152	Resp:	510
Ion	Ratio	Lower	Upper
152	100		
151	15.9	15.1	22.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.02 min Scan# 1294

Delta R.T. 0.02 min

Lab File: BN010196.D

Acq: 11 Mar 2020 17:35

Instrument :

BNA_N

ClientSampleId :

RE132D6-20200304DL

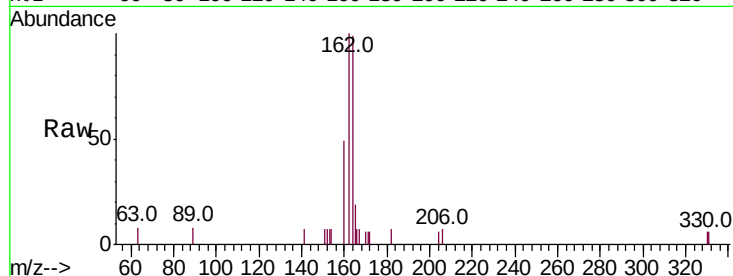
Tot Ion:164 Resp: 1733

Ion Ratio Lower Upper

164 100

162 101.3 79.9 119.9

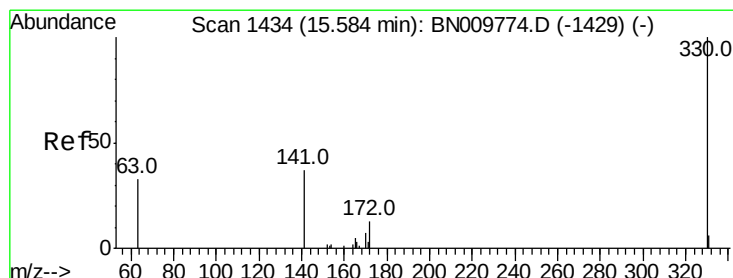
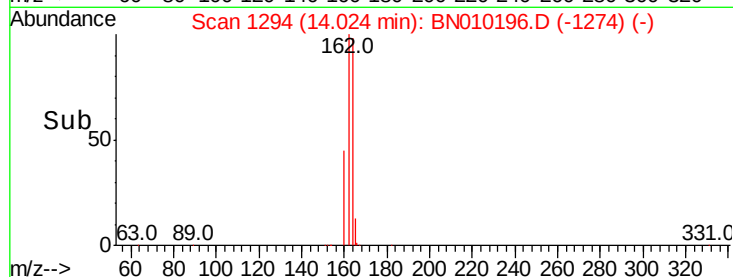
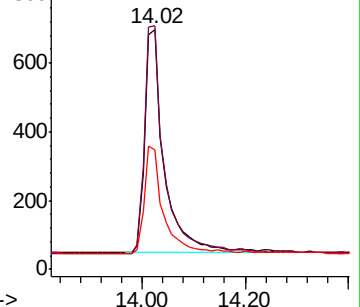
160 49.8 38.2 57.2



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: 0.159 ng

RT: 15.58 min Scan# 1434

Delta R.T. 0.04 min

Lab File: BN010196.D

Acq: 11 Mar 2020 17:35

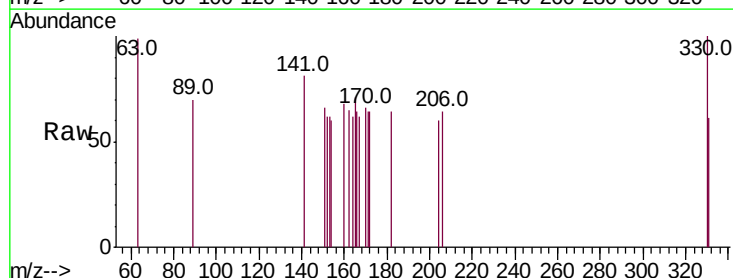
Tgt Ion:330 Resp: 106

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

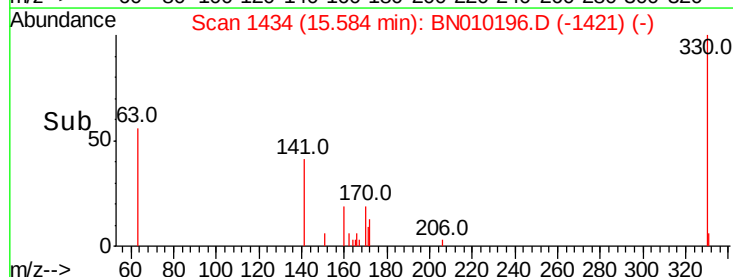
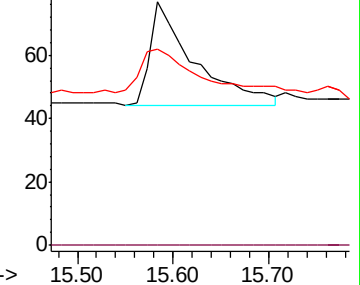
141 54.7 36.8 55.2

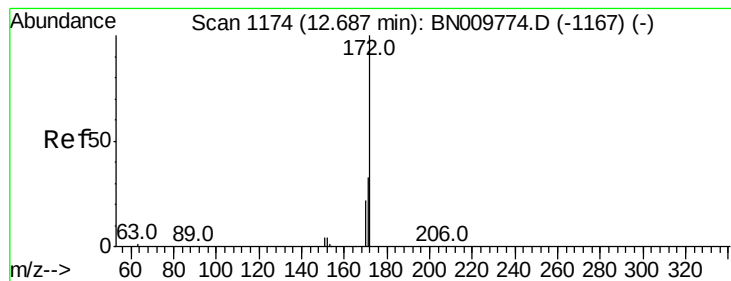


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

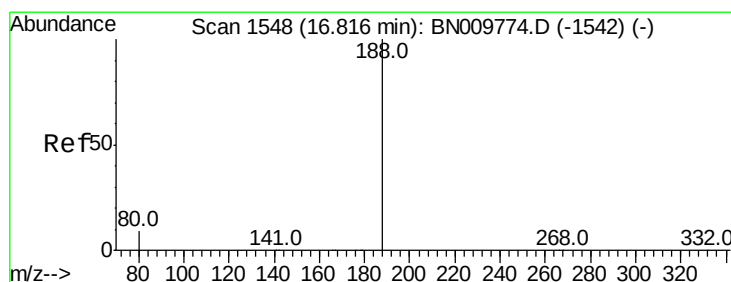
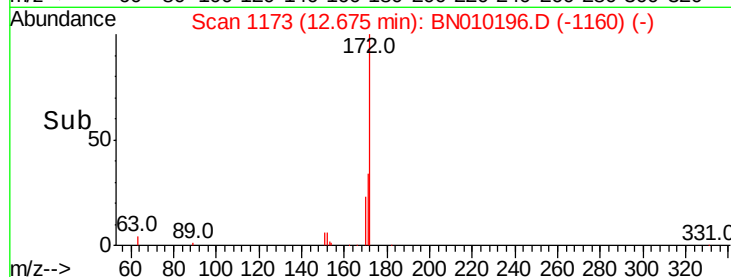
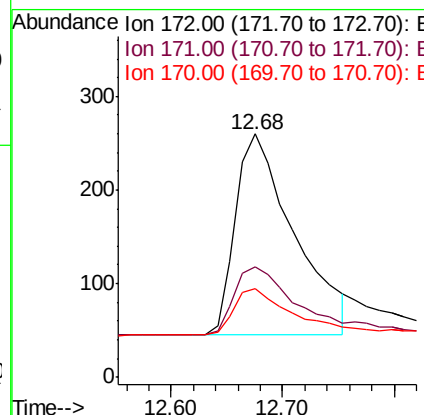
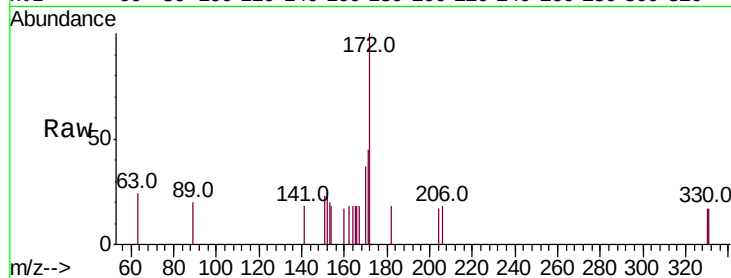




#15
2-Fluorobiphenyl
Concen: 0.120 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.04 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

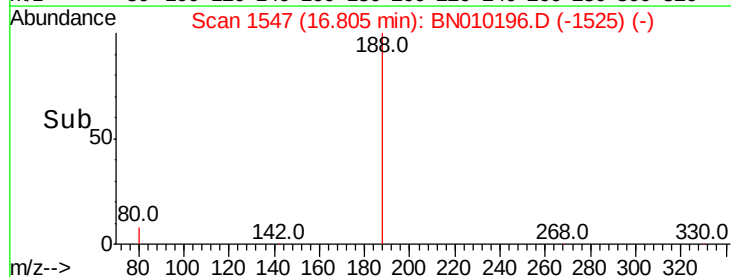
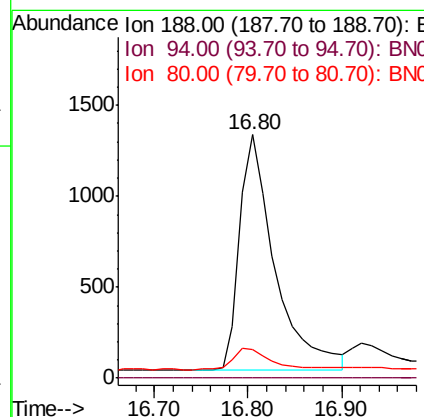
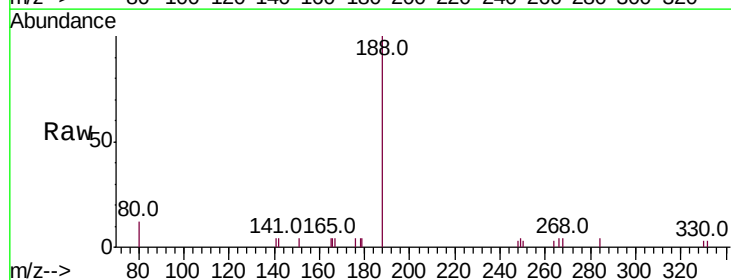
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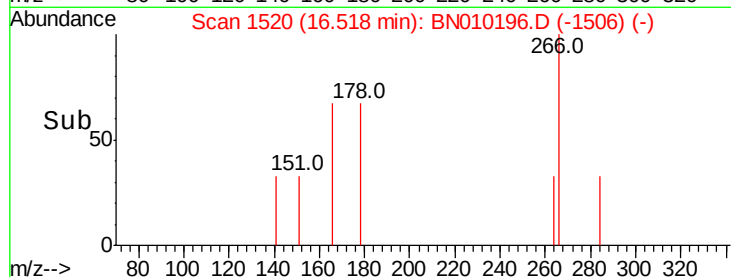
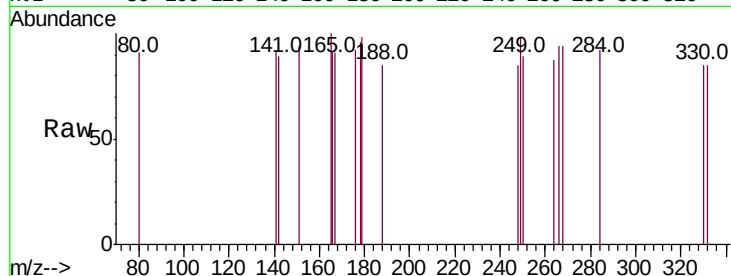
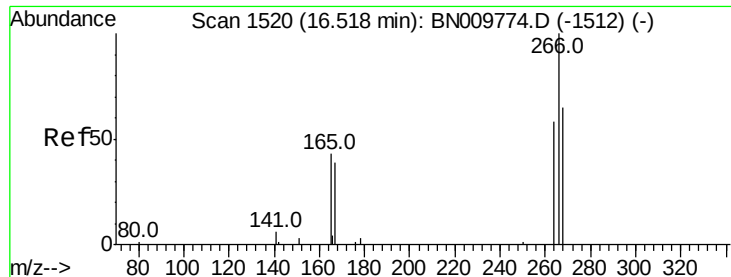
Tot Ion:172 Resp: 786
Ion Ratio Lower Upper
172 100
171 45.4 28.7 43.1#
170 36.5 20.1 30.1#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. 0.03 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

Tgt Ion:188 Resp: 3398
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 8.3 12.5

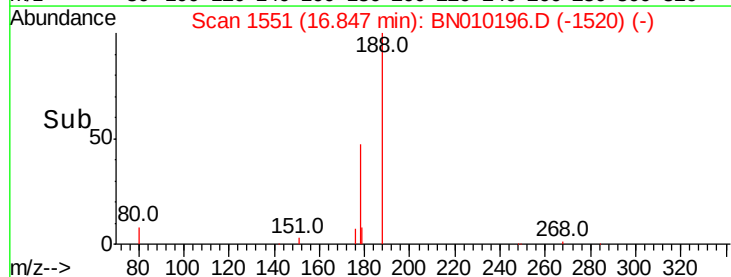
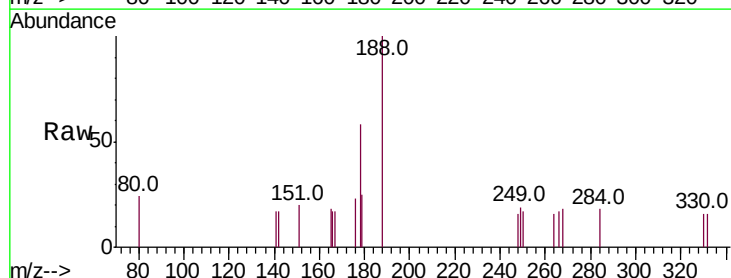
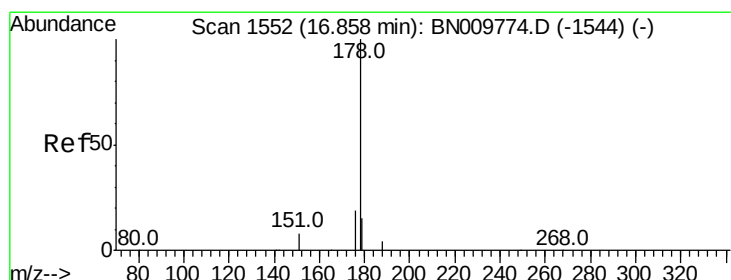
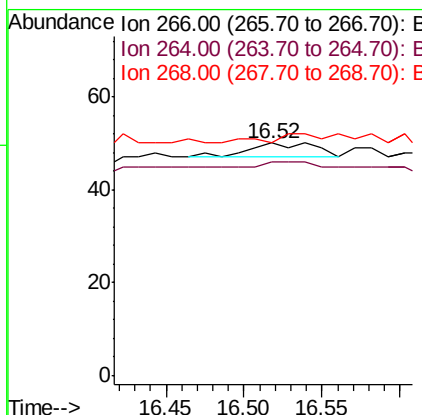




#22
Pentachlorophenol
Concen: 0.191 ng
RT: 16.52 min Scan# 1520
Delta R.T. 0.05 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

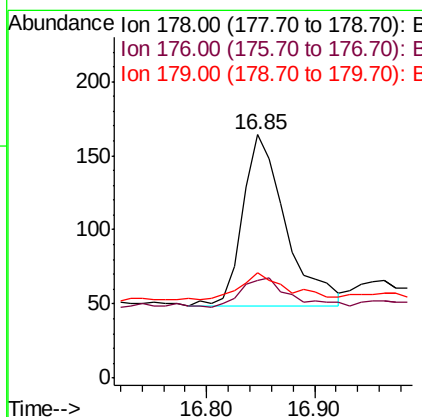
Instrument :
BNA_N
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RE132D6-20200304DL

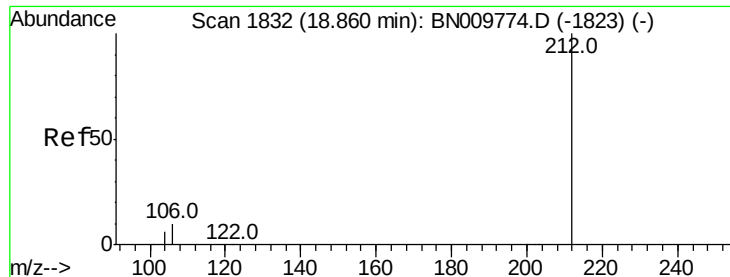
Tot Ion:266 Resp: 9
Ion Ratio Lower Upper
266 100
264 92.0 58.1 87.1#
268 100.0 65.7 98.5#



#23
Phenanthrene
Concen: 0.031 ng
RT: 16.85 min Scan# 1551
Delta R.T. 0.03 min
Lab File: BN010196.D
Acq: 11 Mar 2020 17:35

Tgt Ion:178 Resp: 316
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 16.8 12.4 18.6





#25

Fluoranthene-d10

Concen: 0.137 ng

RT: 18.84 min Scan# 1828

Delta R.T. 0.02 min

Lab File: BN010196.D

Acq: 11 Mar 2020 17:35

Instrument :

BNA_N

ClientSampleId :

RE132D6-20200304DL

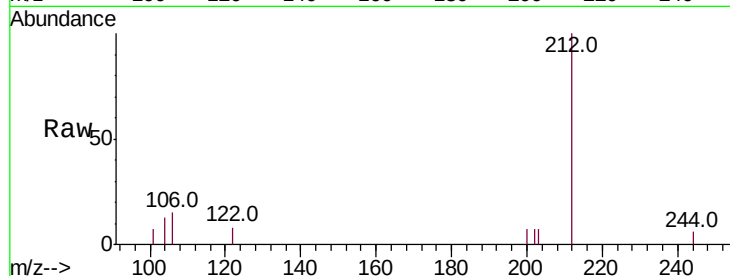
Tot Ion:212 Resp: 1607

Ion Ratio Lower Upper

212 100

106 10.2 8.4 12.6

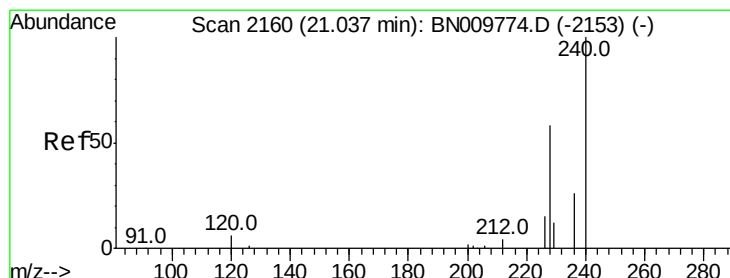
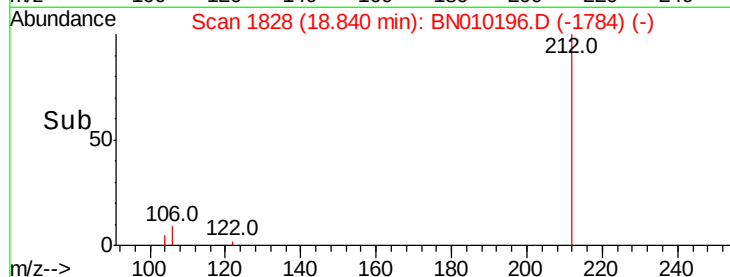
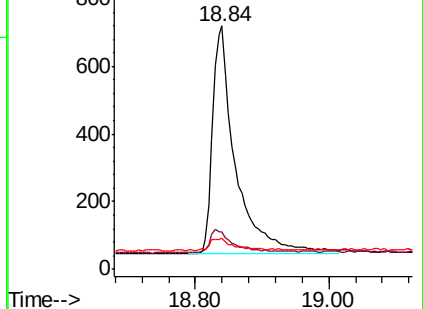
104 5.7 4.8 7.2



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: 21.00 min Scan# 2157

Delta R.T. 0.01 min

Lab File: BN010196.D

Acq: 11 Mar 2020 17:35

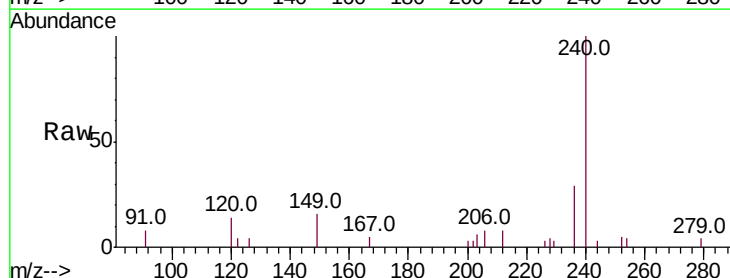
Tgt Ion:240 Resp: 3600

Ion Ratio Lower Upper

240 100

120 14.5 7.9 11.9#

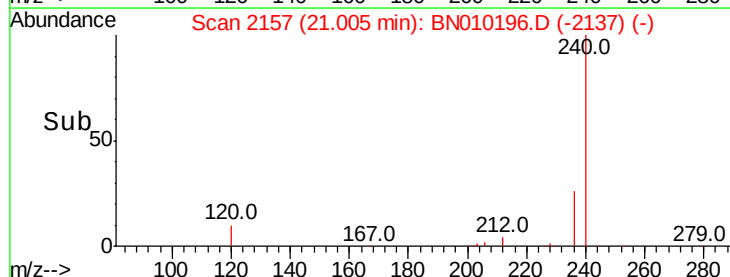
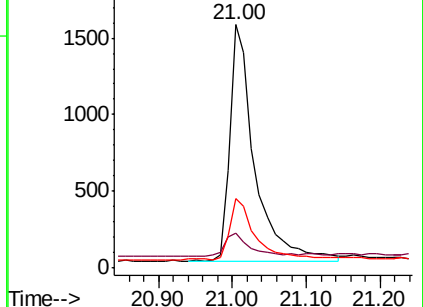
236 28.6 22.0 33.0

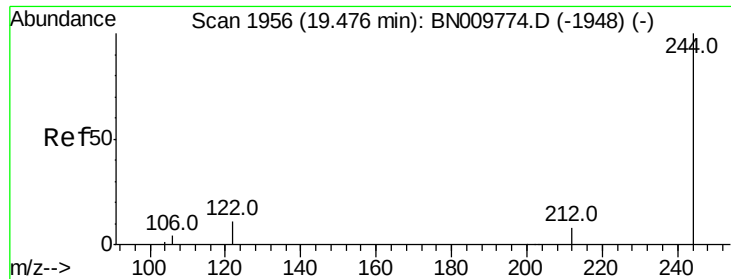


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.162 ng

RT: 19.44 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BN010196.D

Acq: 11 Mar 2020 17:35

Instrument :

BNA_N

ClientSampleId :

RE132D6-20200304DL

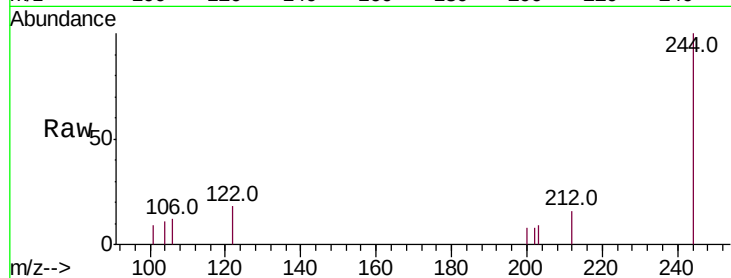
Tot Ion:244 Resp: 1389

Ion Ratio Lower Upper

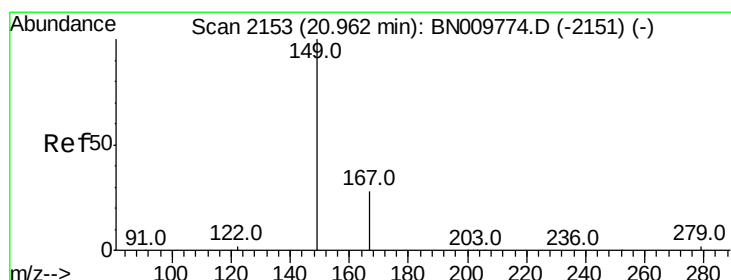
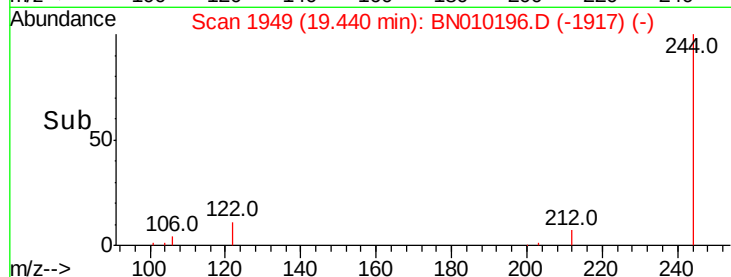
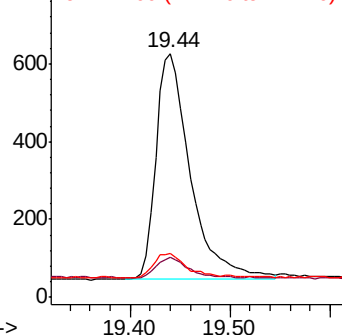
244 100

212 16.3 8.0 12.0#

122 17.9 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: 0.049 ng

RT: 20.92 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BN010196.D

Acq: 11 Mar 2020 17:35

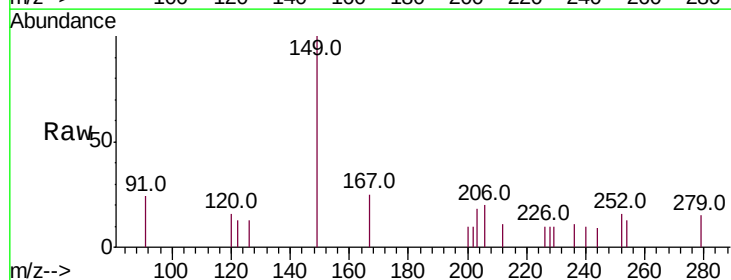
Tgt Ion:149 Resp: 286

Ion Ratio Lower Upper

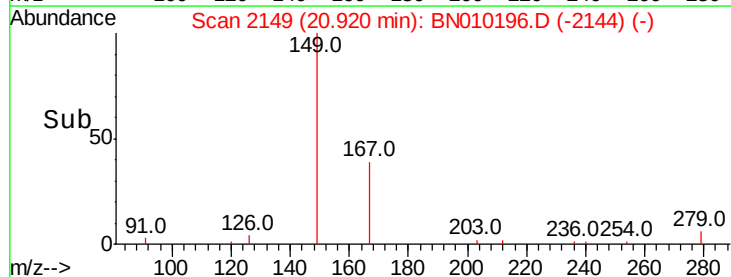
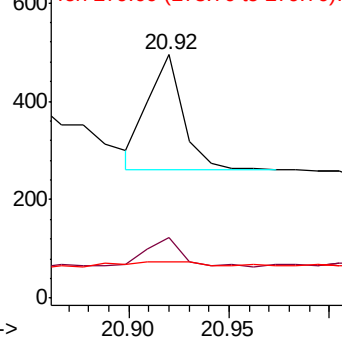
149 100

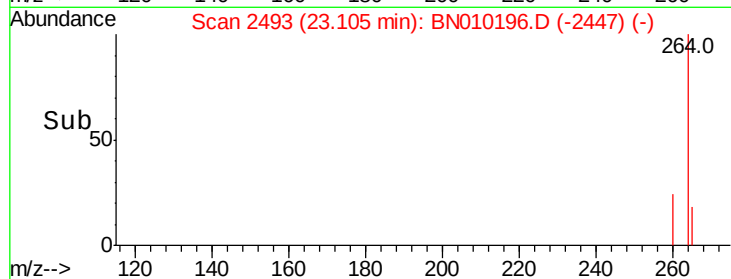
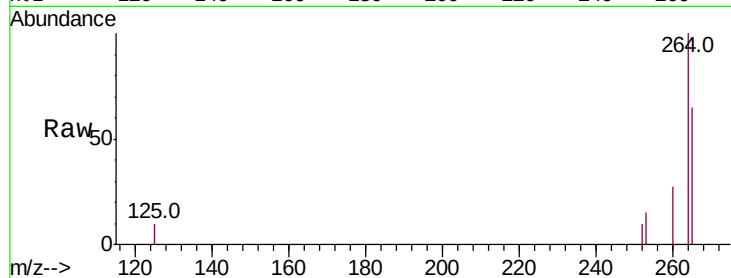
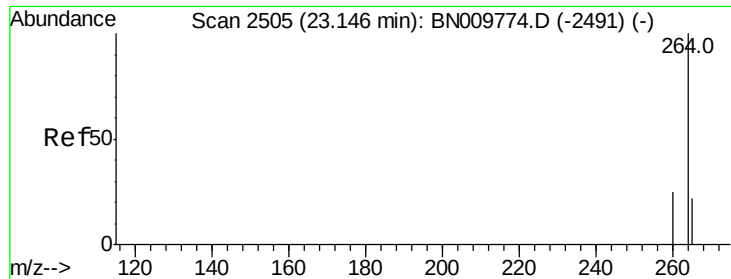
167 24.5 22.7 34.1

279 4.2 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# 2493

Delta R.T. 0.01 min

Lab File: BN010196.D

Acq: 11 Mar 2020 17:35

Instrument :

BNA_N

ClientSampleId :

RE132D6-20200304DL

Tot Ion:264 Resp: 3803

Ion Ratio Lower Upper

264 100

260 26.6 21.1 31.7

265 65.1 57.5 86.3

