

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042420\
 Data File : BN010593.D
 Acq On : 24 Apr 2020 17:49
 Operator : CG/JU
 Sample : L2330-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP-2020-04-16

Quant Time: Apr 24 18:49:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 12:47:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3215	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	13118	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	8530	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	19117	0.40	ng	0.00
27) Chrysene-d12	21.17	240	17825	0.40	ng	0.00
34) Perylene-d12	23.34	264	16287	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	1340	0.19	ng	0.00
5) Phenol-d6	6.78	99	1060	0.12	ng	0.00
8) Nitrobenzene-d5	8.73	82	3747	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.94	152	7622	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	1627	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	14813	0.48	ng	0.00
25) Fluoranthene-d10	19.00	212	22852	0.39	ng	0.00
29) Terphenyl-d14	19.61	244	21523	0.53	ng	0.00

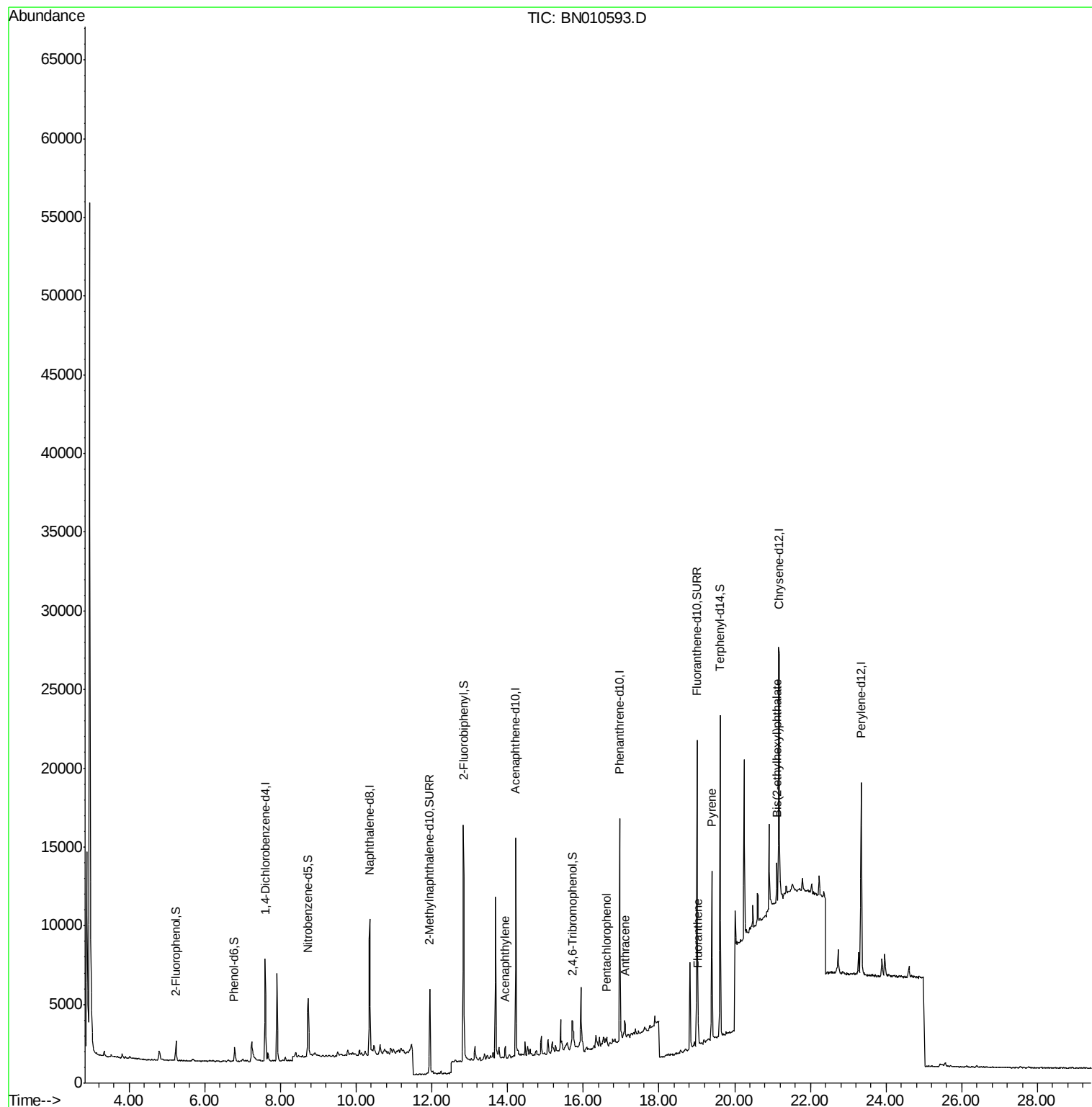
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acenaphthylene	13.93	152	885	0.024	ng	# 90
22) Pentachlorophenol	16.62	266	172	0.036	ng	# 90
24) Anthracene	17.09	178	1405	0.030	ng	# 87
26) Fluoranthene	19.03	202	1588	0.025	ng	98
28) Pyrene	19.40	202	9781	0.163	ng	98
32) Bis(2-ethylhexyl)phthalate	21.11	149	2134	0.072	ng	98

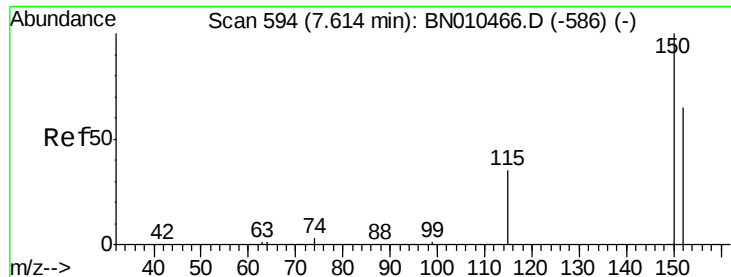
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042420\
Data File : BN010593.D
Acq On : 24 Apr 2020 17:49
Operator : CG/JU
Sample : L2330-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP-2020-04-16

Quant Time: Apr 24 18:49:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 24 12:47:59 2020
Response via : Initial Calibration



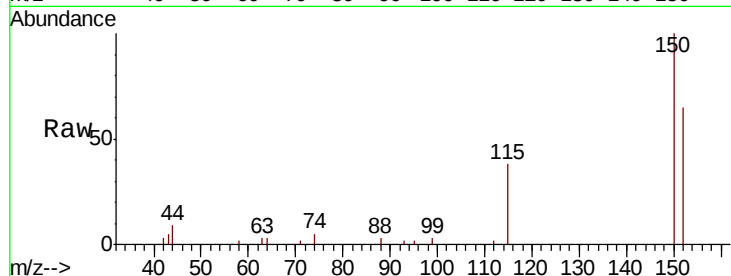


#1

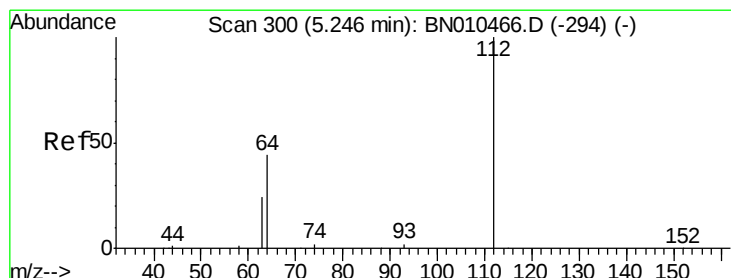
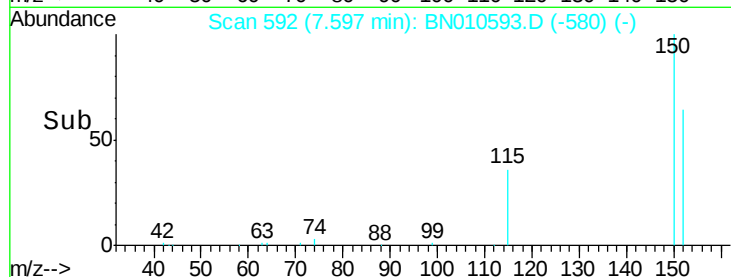
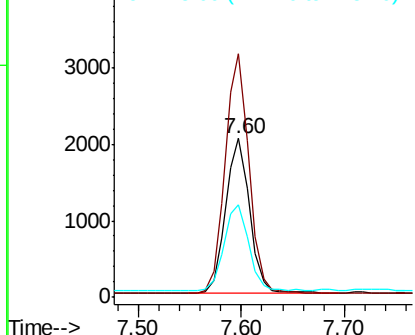
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. -0.00 min
Lab File: BN010593.D
Acq: 24 Apr 2020 17:49

Instrument :
BNA_N
ClientSampleId :
DUP-2020-04-16

Tot Ion:152 Resp: 3215
Ion Ratio Lower Upper
152 100
150 153.3 121.8 182.6
115 58.6 45.5 68.3



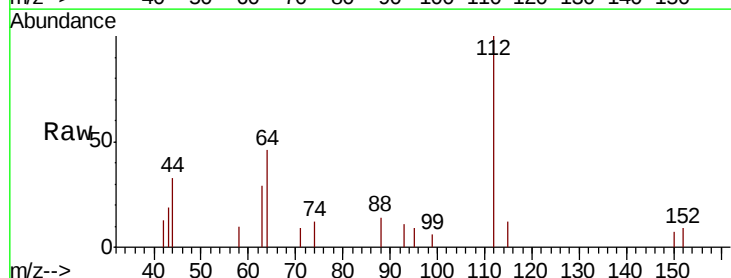
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



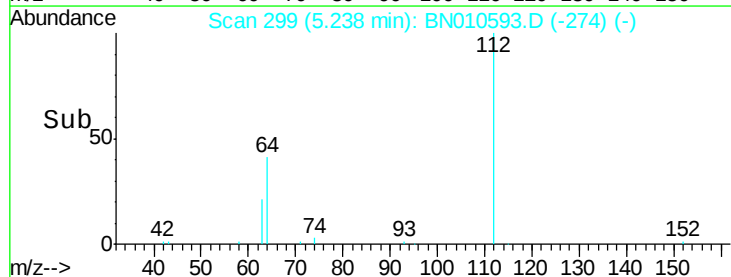
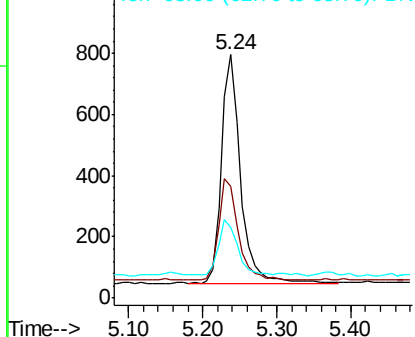
#4

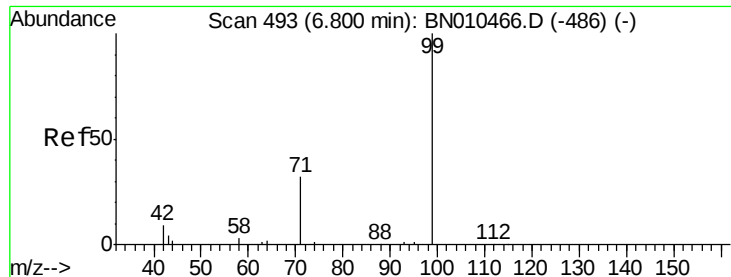
2-Fluorophenol
Concen: 0.190 ng
RT: 5.24 min Scan# 299
Delta R.T. -0.00 min
Lab File: BN010593.D
Acq: 24 Apr 2020 17:49

Tgt Ion:112 Resp: 1340
Ion Ratio Lower Upper
112 100
64 45.1 35.8 53.8
63 25.7 19.9 29.9



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: 0.115 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.00 min

Lab File: BN010593.D

Acq: 24 Apr 2020 17:49

Instrument :

BNA_N

ClientSampleId :

DUP-2020-04-16

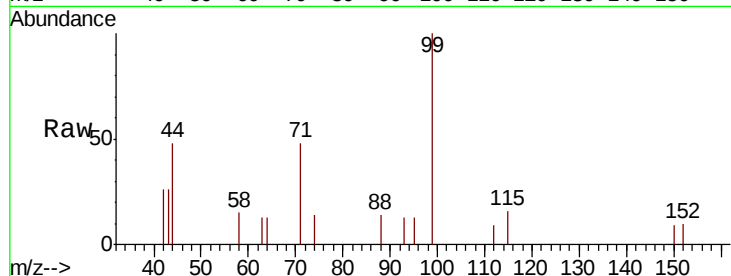
Tot Ion: 99 Resp: 1060

Ion Ratio Lower Upper

99 100

42 15.5 9.8 14.6#

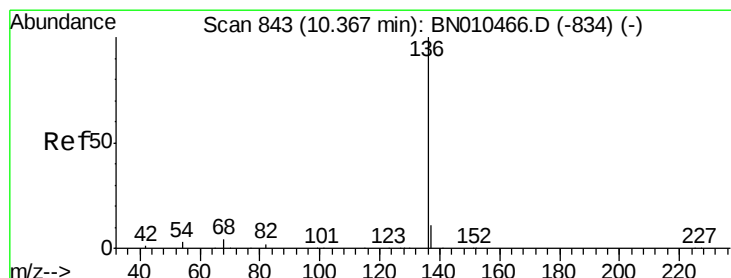
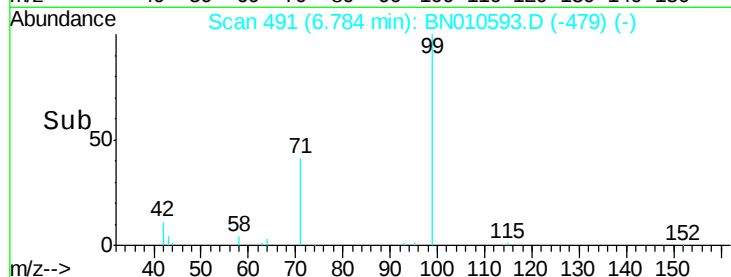
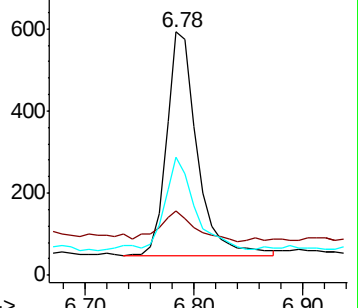
71 43.3 27.8 41.8#



Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN010593.D

Acq: 24 Apr 2020 17:49

Tgt Ion: 136 Resp: 13118

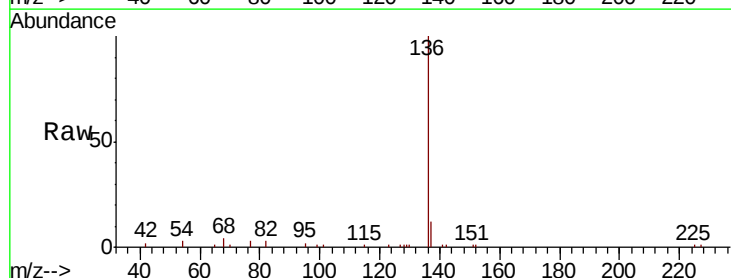
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 3.3 2.6 4.0

68 4.4 3.4 5.2

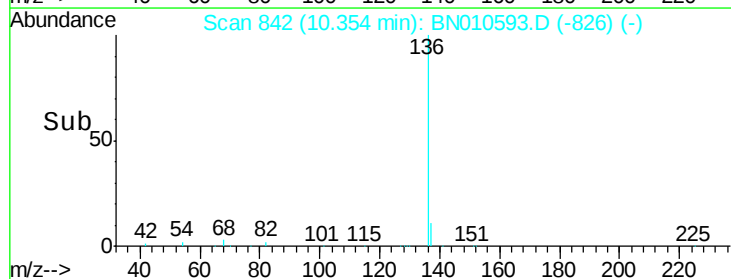
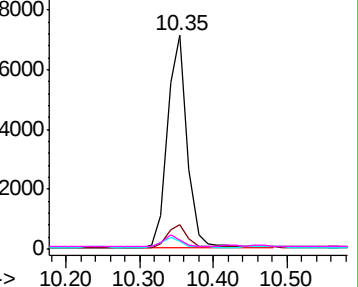


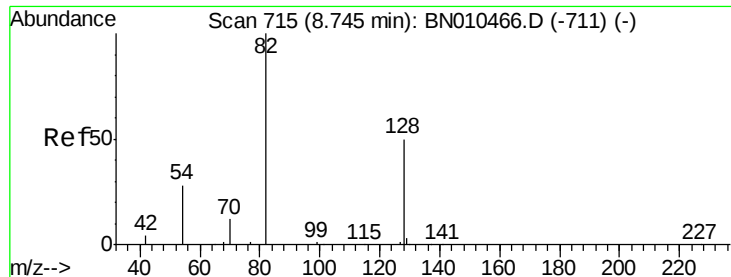
Abundance Ion 136.00 (135.70 to 136.70): BN010466.D (-834) (-)

Ion 137.00 (136.70 to 137.70): BN010466.D (-834) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-834) (-)

Ion 68.00 (67.70 to 68.70): BN010466.D (-834) (-)

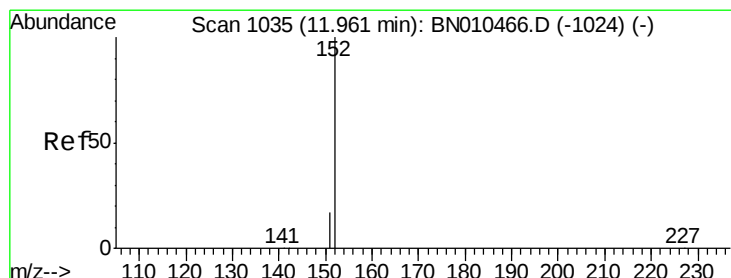
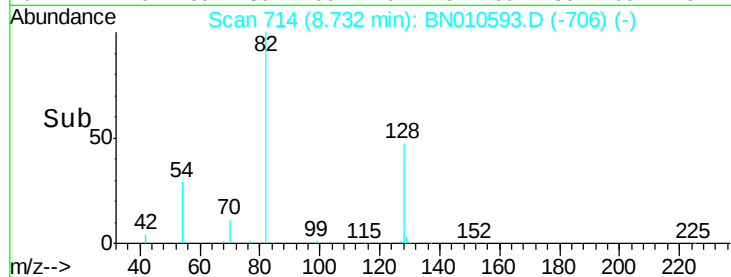
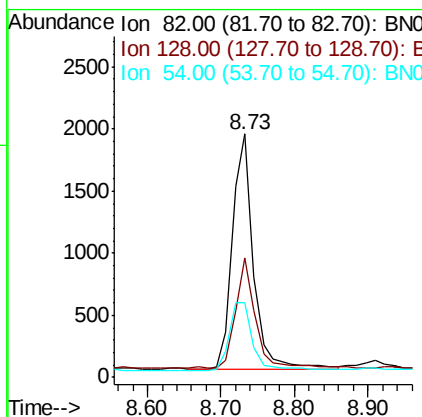
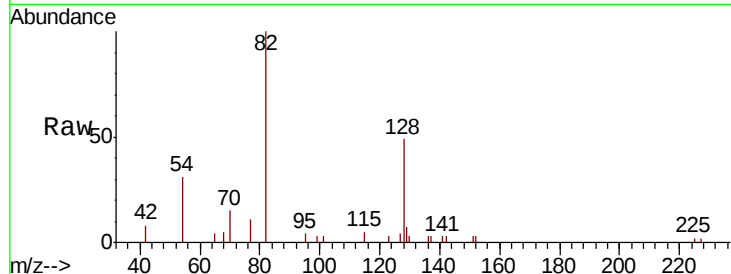




#8
 Nitrobenzene-d5
 Concen: 0.409 ng
 RT: 8.73 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: BN010593.D
 Acq: 24 Apr 2020 17:49

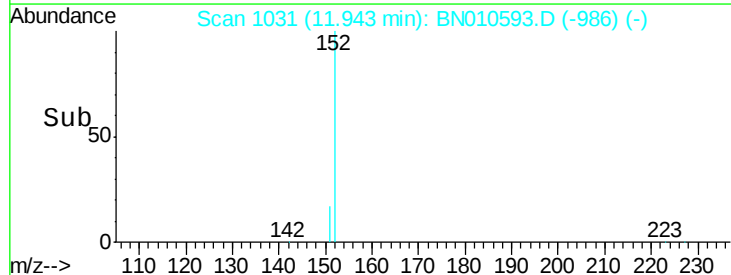
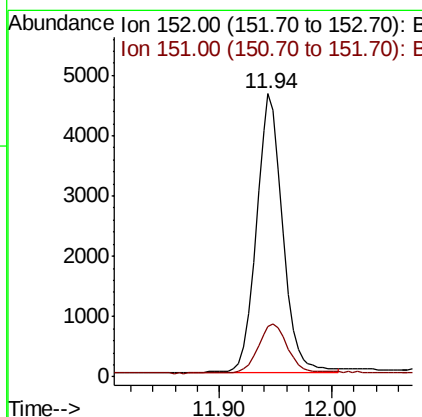
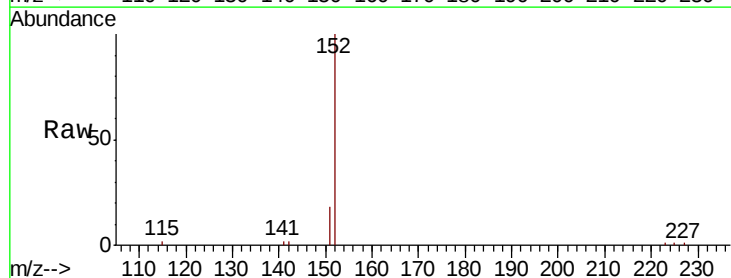
Instrument :
 BNA_N
 ClientSampleId :
 DUP-2020-04-16

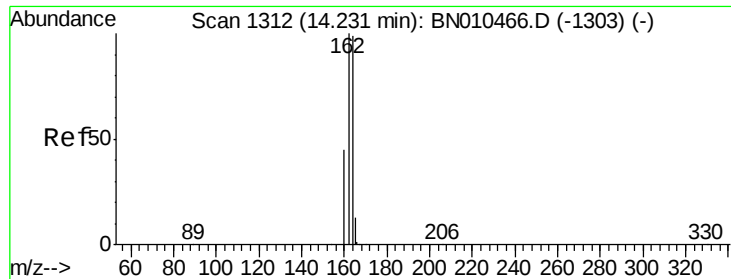
Tot Ion:	82.00	Resp:	3747
Ion	Ratio	Lower	Upper
82	100		
128	49.2	41.3	61.9
54	30.6	23.4	35.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.353 ng
 RT: 11.94 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BN010593.D
 Acq: 24 Apr 2020 17:49

Tgt Ion:	152.00	Resp:	7622
Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.3	22.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BN010593.D

Acq: 24 Apr 2020 17:49

Instrument :

BNA_N

ClientSampleId :

DUP-2020-04-16

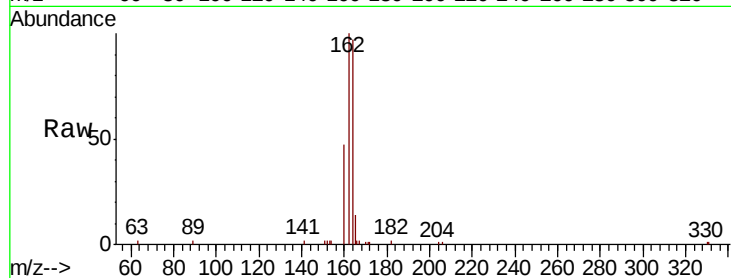
Tot Ion:164 Resp: 8530

Ion Ratio Lower Upper

164 100

162 102.6 80.6 121.0

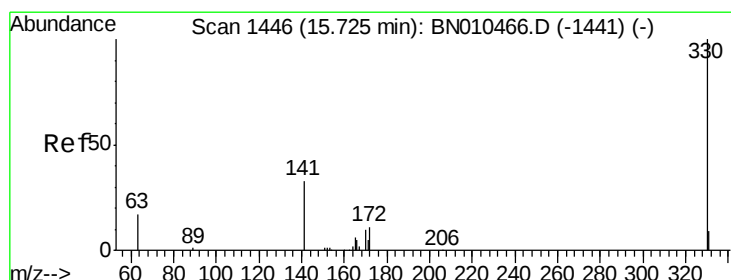
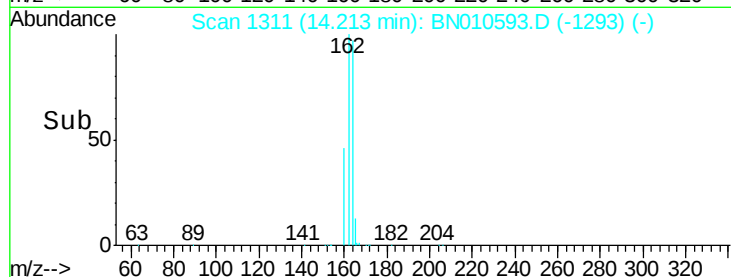
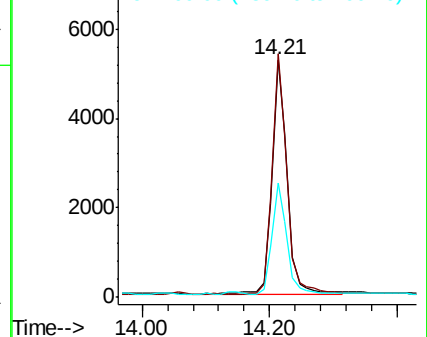
160 48.3 36.5 54.7



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: 0.405 ng

RT: 15.72 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BN010593.D

Acq: 24 Apr 2020 17:49

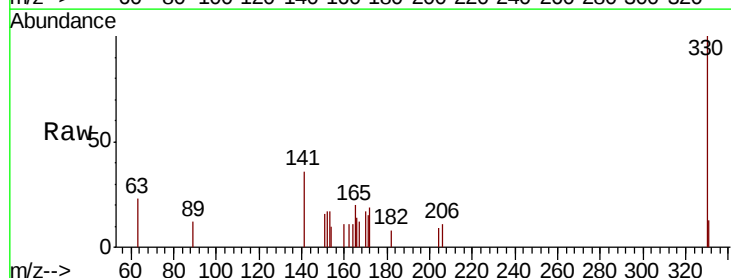
Tgt Ion:330 Resp: 1627

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

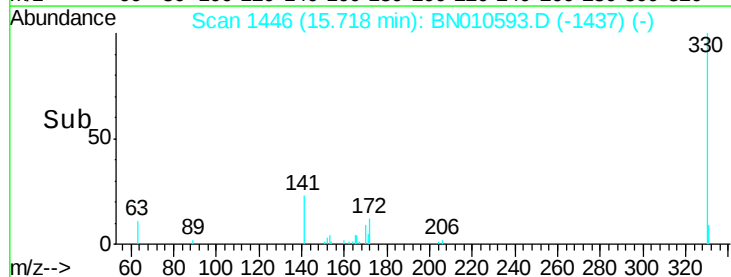
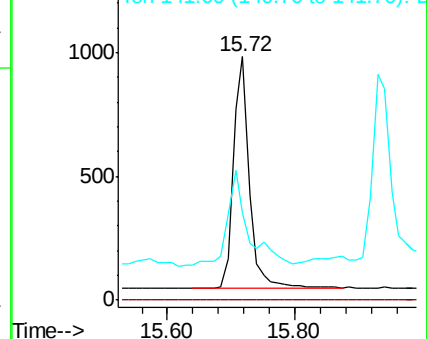
141 50.7 28.1 42.1#

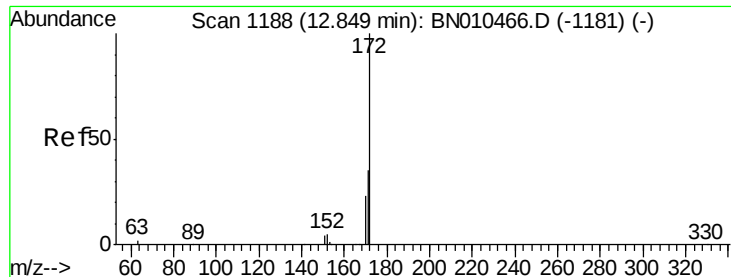


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

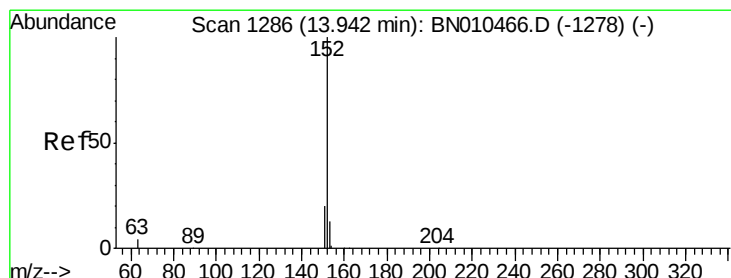
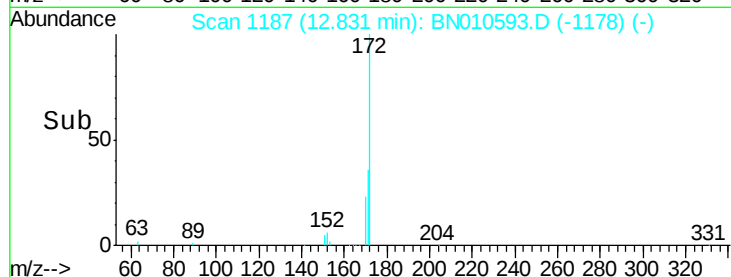
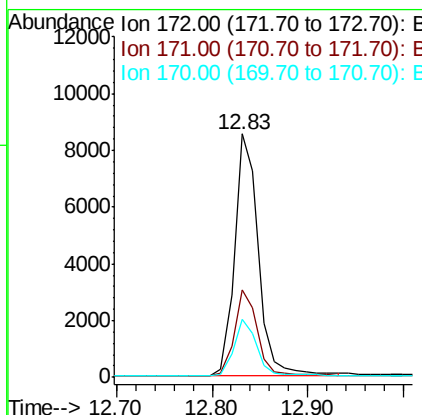
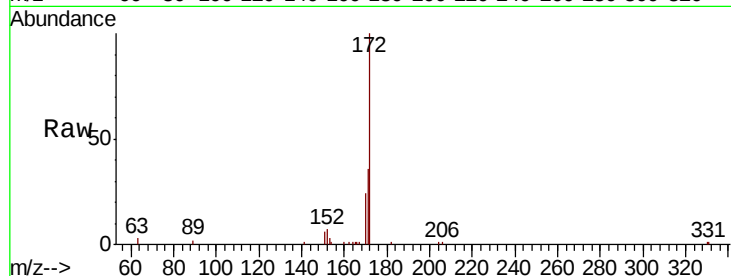




#15
2-Fluorobiphenyl
Concen: 0.477 ng
RT: 12.83 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN010593.D
Acq: 24 Apr 2020 17:49

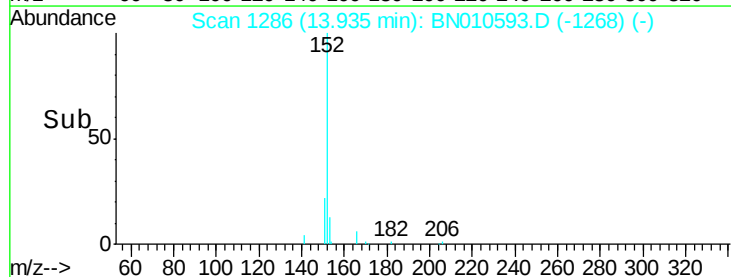
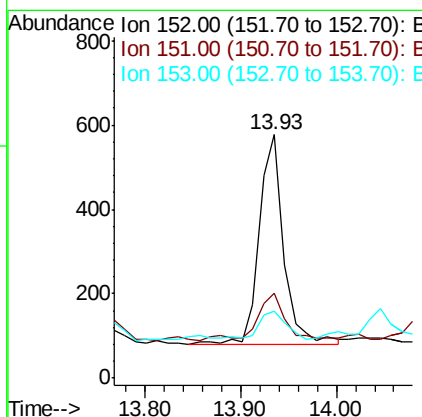
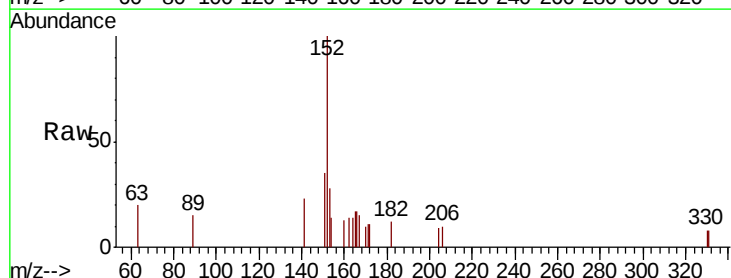
Instrument :
BNA_N
ClientSampleId :
DUP-2020-04-16

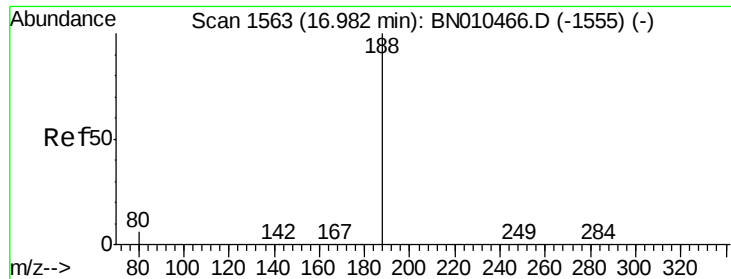
Tot Ion:172 Resp: 14813
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 23.8 18.4 27.6



#16
Acenaphthylene
Concen: 0.024 ng
RT: 13.93 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BN010593.D
Acq: 24 Apr 2020 17:49

Tgt Ion:152 Resp: 885
Ion Ratio Lower Upper
152 100
151 25.6 15.7 23.5#
153 15.1 10.6 15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.96 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BN010593.D

Acq: 24 Apr 2020 17:49

Instrument :

BNA_N

ClientSampleId :

DUP-2020-04-16

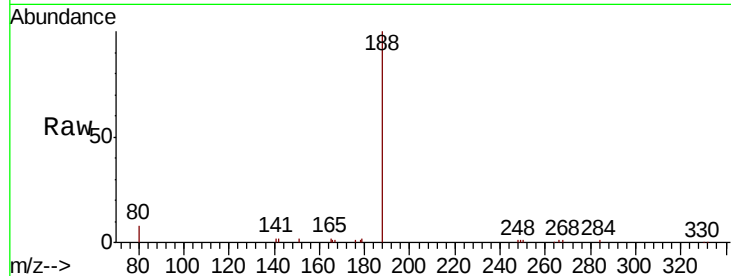
Tot Ion:188 Resp: 19117

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

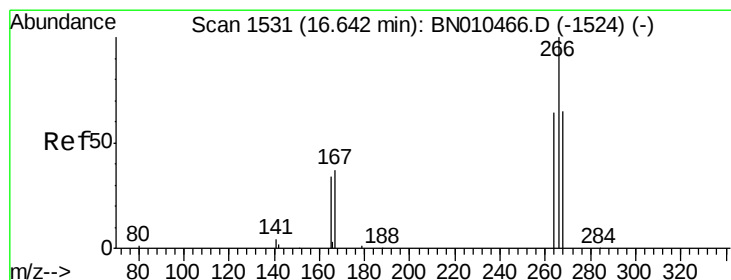
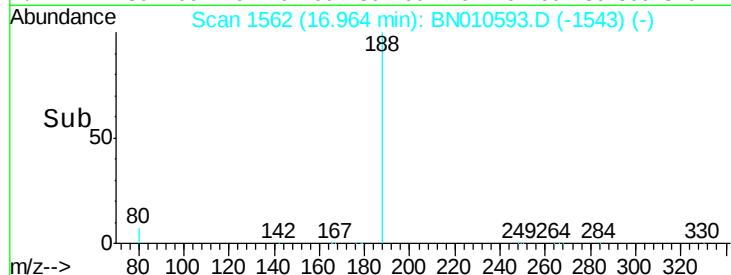
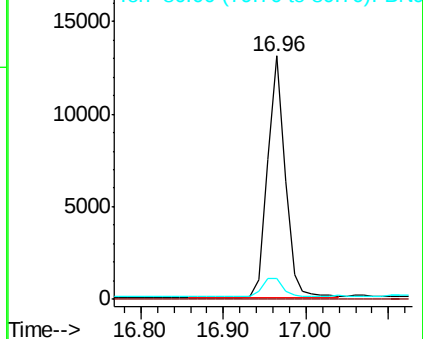
80 8.4 5.0 7.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#22

Pentachlorophenol

Concen: 0.036 ng

RT: 16.62 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BN010593.D

Acq: 24 Apr 2020 17:49

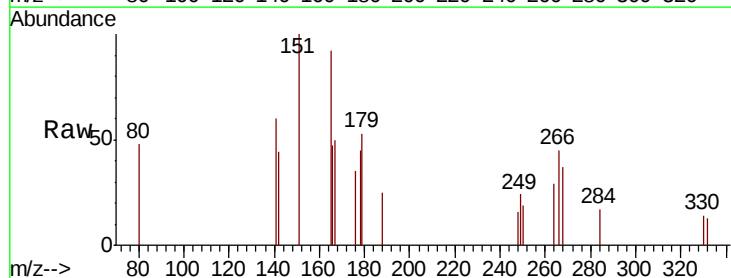
Tgt Ion:266 Resp: 172

Ion Ratio Lower Upper

266 100

264 65.2 51.8 77.6

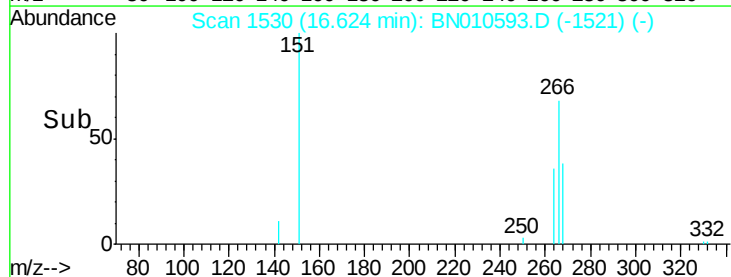
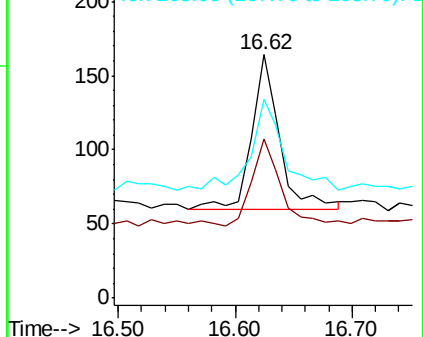
268 81.7 53.7 80.5#

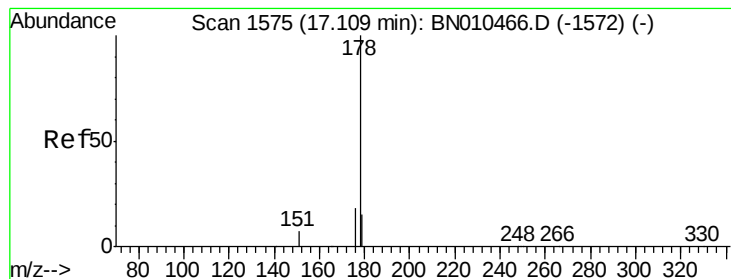


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#24

Anthracene

Concen: 0.030 ng

RT: 17.09 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BN010593.D

Acq: 24 Apr 2020 17:49

Instrument :

BNA_N

ClientSampleId :

DUP-2020-04-16

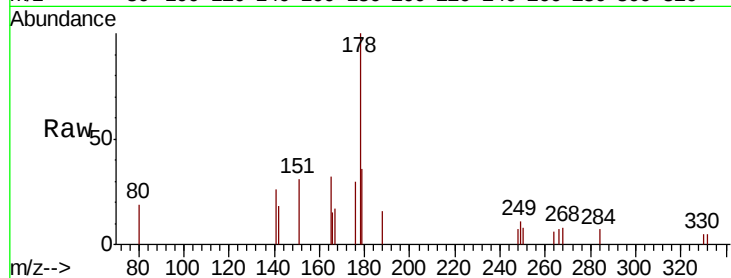
Tot Ion:178 Resp: 1405

Ion Ratio Lower Upper

178 100

176 20.6 14.6 21.8

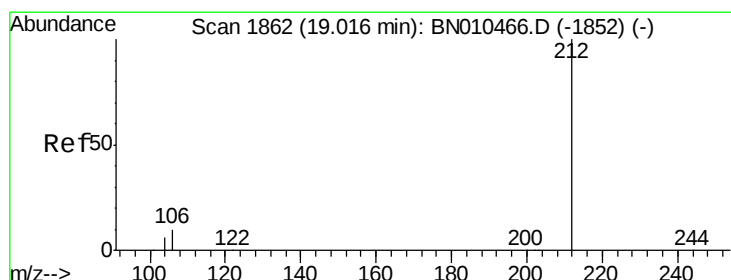
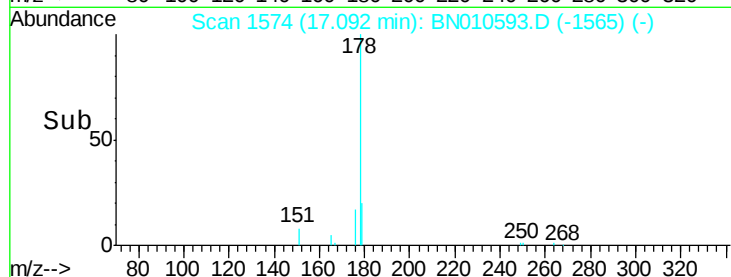
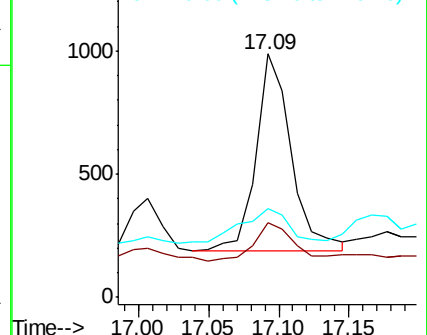
179 24.4 12.2 18.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.394 ng

RT: 19.00 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BN010593.D

Acq: 24 Apr 2020 17:49

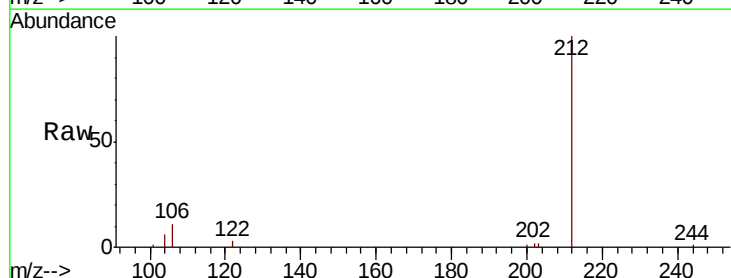
Tgt Ion:212 Resp: 22852

Ion Ratio Lower Upper

212 100

106 10.6 7.8 11.6

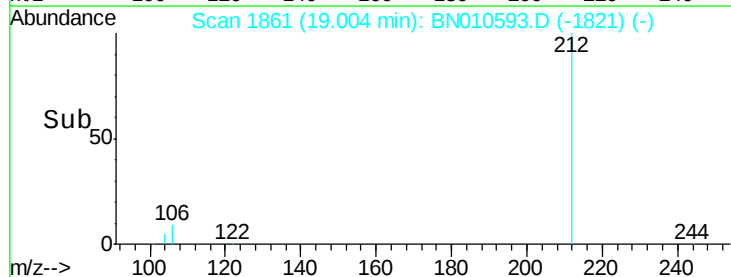
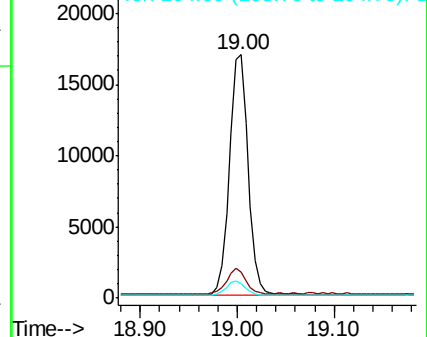
104 5.7 4.5 6.7

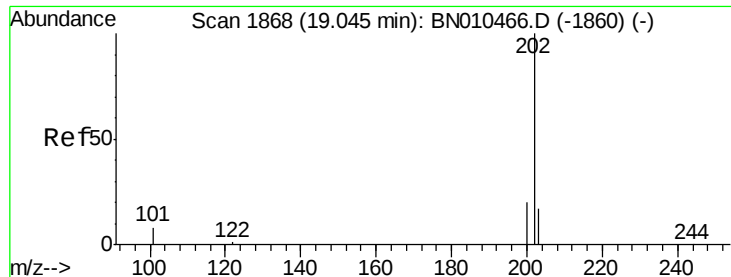


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

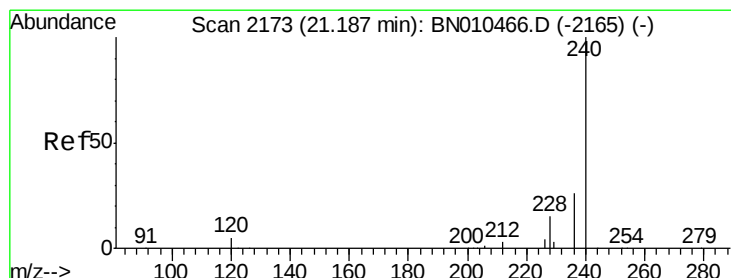
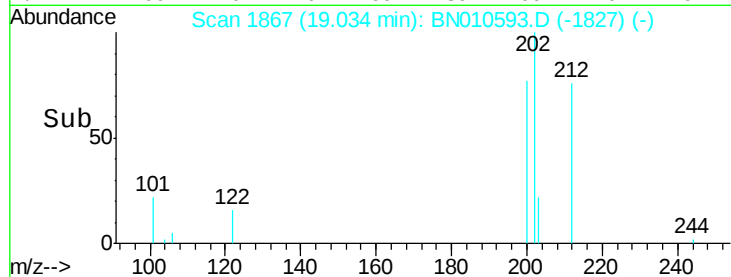
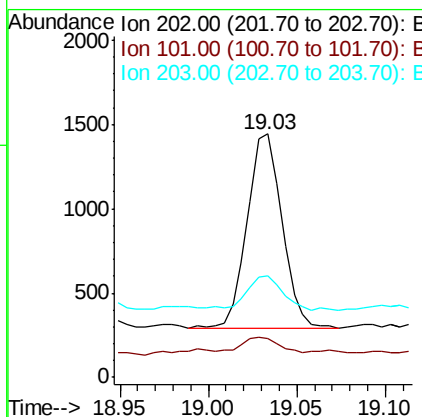
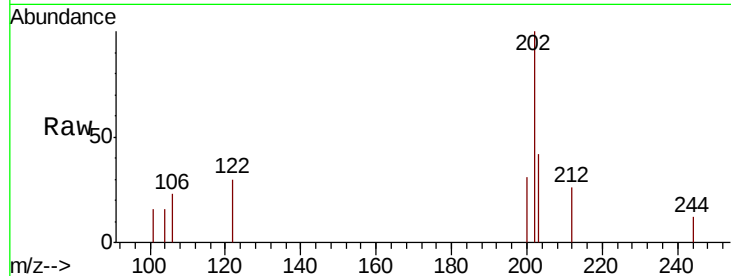




#26
 Fluoranthene
 Concen: 0.025 ng
 RT: 19.03 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: BN010593.D
 Acq: 24 Apr 2020 17:49

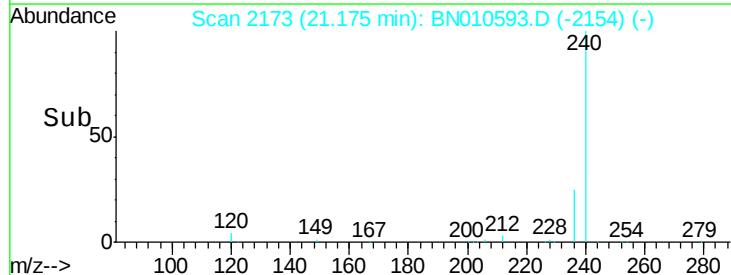
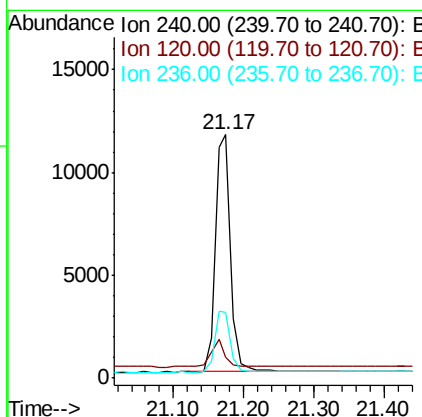
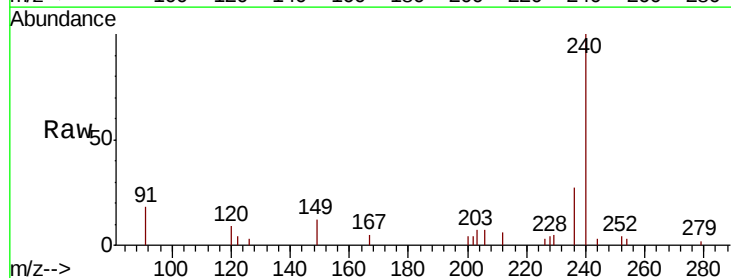
Instrument :
 BNA_N
 ClientSampleId :
 DUP-2020-04-16

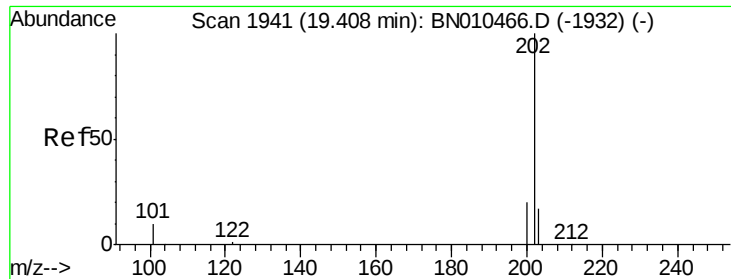
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.9	10.3
203	18.3	13.9	20.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.17 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BN010593.D
 Acq: 24 Apr 2020 17:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.6	4.8	7.2#
236	27.2	21.4	32.0

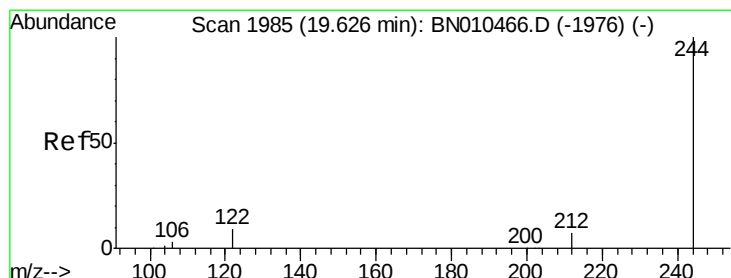
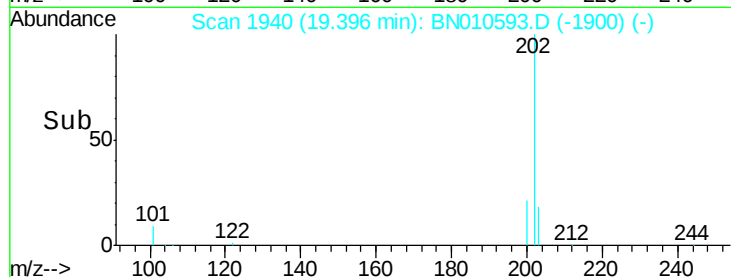
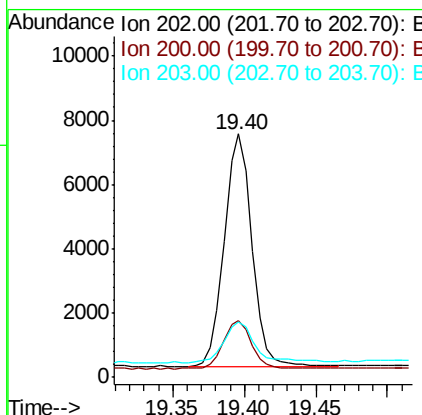
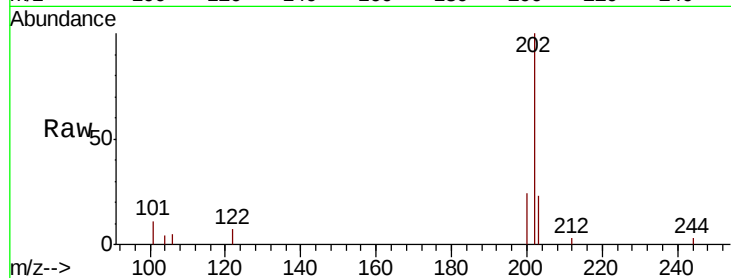




#28
Pvrene
Concen: 0.163 ng
RT: 19.40 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BN010593.D
Acq: 24 Apr 2020 17:49

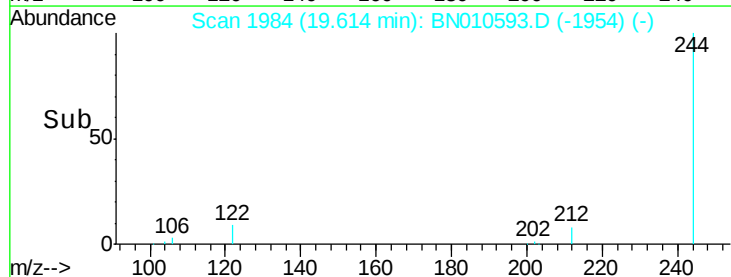
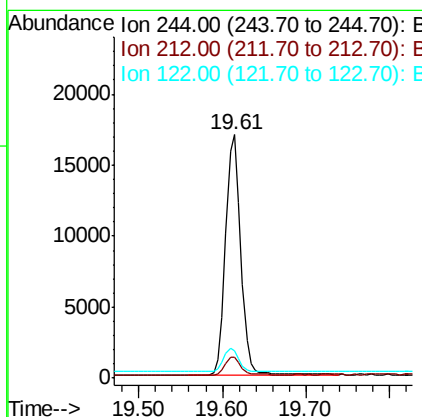
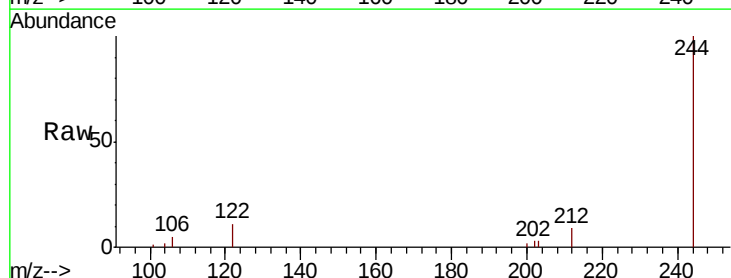
Instrument :
BNA_N
ClientSampleId :
DUP-2020-04-16

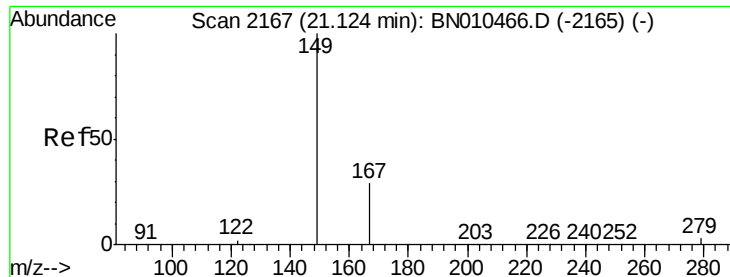
Tot Ion:202 Resp: 9781
Ion Ratio Lower Upper
202 100
200 20.8 16.3 24.5
203 19.2 14.0 21.0



#29
Terphenyl-d14
Concen: 0.528 ng
RT: 19.61 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BN010593.D
Acq: 24 Apr 2020 17:49

Tgt Ion:244 Resp: 21523
Ion Ratio Lower Upper
244 100
212 8.8 6.2 9.4
122 11.2 7.8 11.8

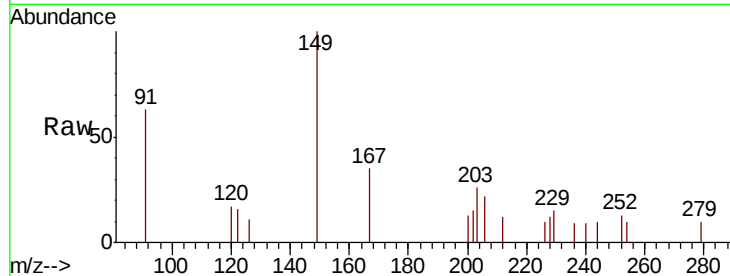




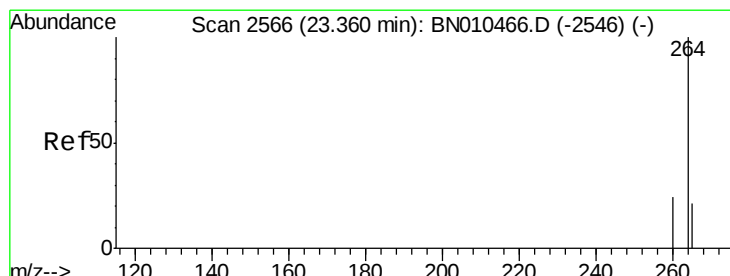
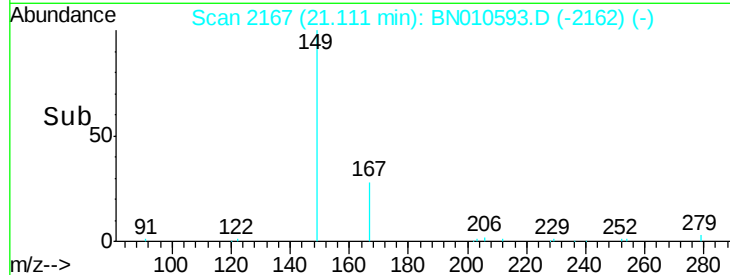
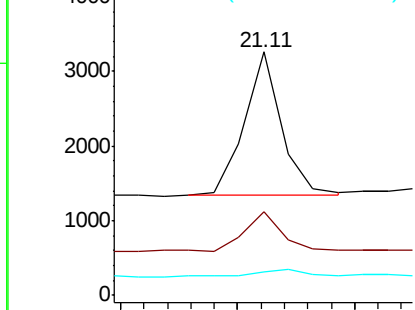
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.072 ng
 RT: 21.11 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BN010593.D
 Acq: 24 Apr 2020 17:49

Instrument :
 BNA_N
 ClientSampleId :
 DUP-2020-04-16

Tot Ion:149 Resp: 2134
 Ion Ratio Lower Upper
 149 100
 167 28.2 23.4 35.0
 279 5.0 4.0 6.0

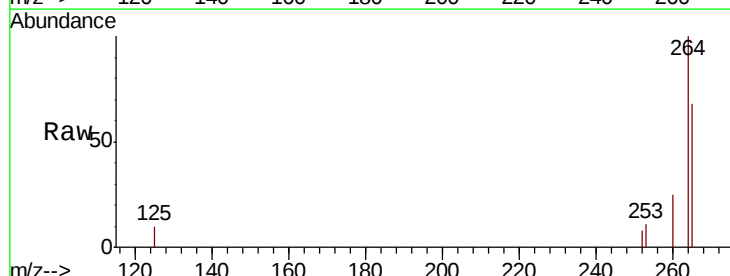


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.34 min Scan# 2561
 Delta R.T. -0.00 min
 Lab File: BN010593.D
 Acq: 24 Apr 2020 17:49

Tgt Ion:264 Resp: 16287
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.8 29.8
 265 68.4 42.3 63.5#



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

