

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010183.D
 Acq On : 11 Mar 2020 09:20
 Operator : CG/JU
 Sample : L1842-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 11 13:26:30 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 Feb 19 15:57:43 2020
 Response via : Initial Calibration

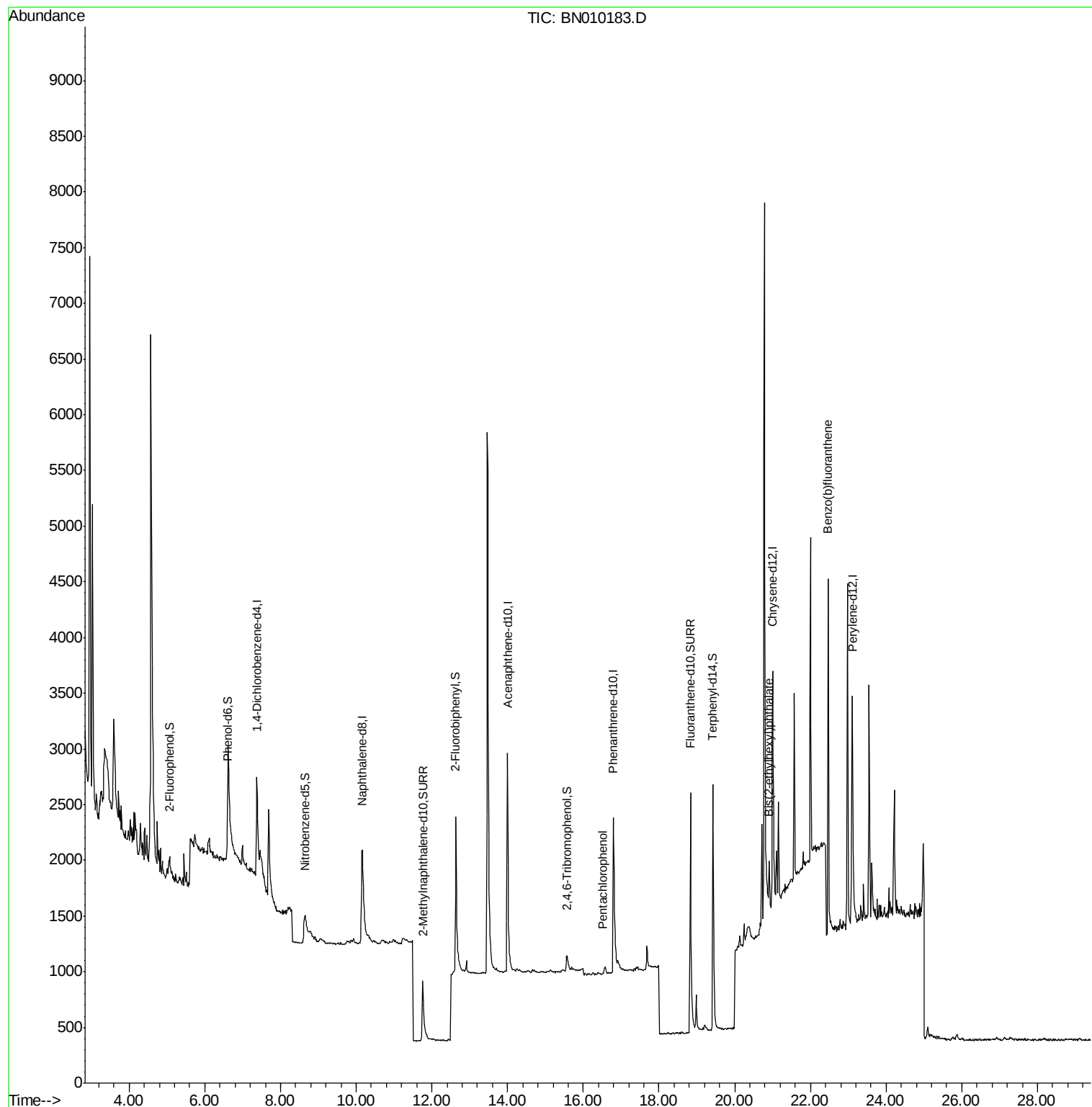
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	924	0.40	ng	-0.04
7) Naphthalene-d8	10.16	136	2408	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	1603	0.40	ng	-0.06
19) Phenanthrene-d10	16.79	188	3645	0.40	ng	-0.02
27) Chrysene-d12	21.00	240	3314	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3699	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	328	0.16	ng	-0.02
5) Phenol-d6	6.59	99	329	0.13	ng	-0.06
8) Nitrobenzene-d5	8.66	82	557	0.28	ng	0.06
11) 2-Methylnaphthalene-d10	11.76	152	1450	0.31	ng	-0.03
14) 2,4,6-Tribromophenol	15.57	330	190	0.31	ng	-0.01
15) 2-Fluorobiphenyl	12.63	172	2166	0.36	ng	-0.06
25) Fluoranthene-d10	18.83	212	3836	0.30	ng	-0.03
29) Terphenyl-d14	19.43	244	3380	0.43	ng	-0.05
Target Compounds						
20) 4-Bromophenyl-phenylether	16.01	248	89	Below Cal	Qvalue #	80
22) Pentachlorophenol	16.52	266	2	0.181 ng	#	75
32) Bis(2-ethylhexyl)phthalate	20.91	149	493	0.092 ng	#	89
35) Benzo(b)fluoranthene	22.47	252	314	0.023 ng	#	1

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

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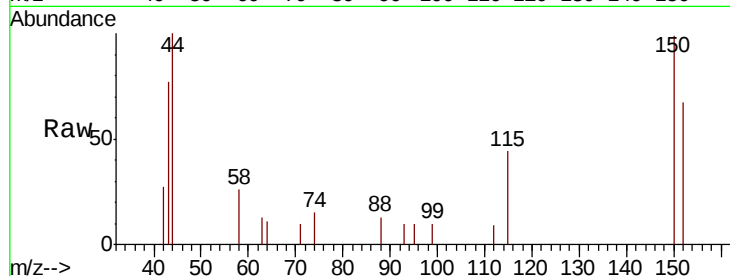


#1

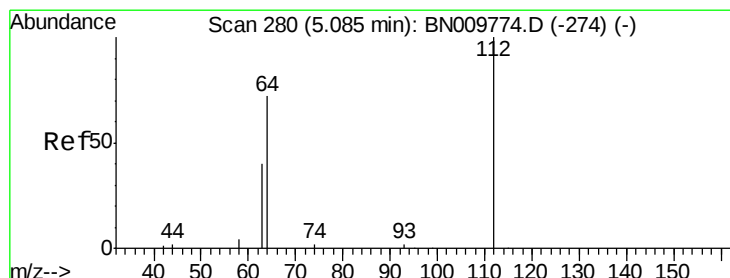
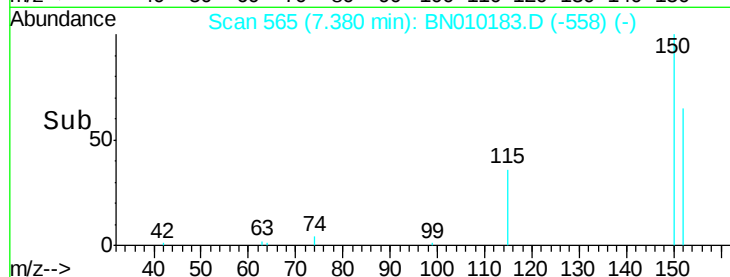
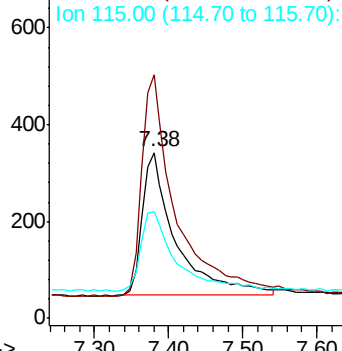
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. -0.04 min
Lab File: BN010183.D
Acq: 11 Mar 2020 09:20

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 924
Ion Ratio Lower Upper
152 100
150 147.1 120.6 181.0
115 64.6 51.2 76.8



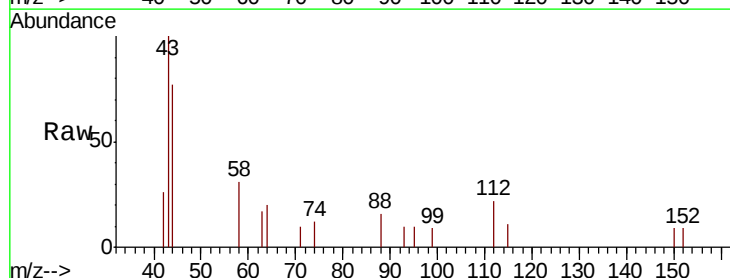
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



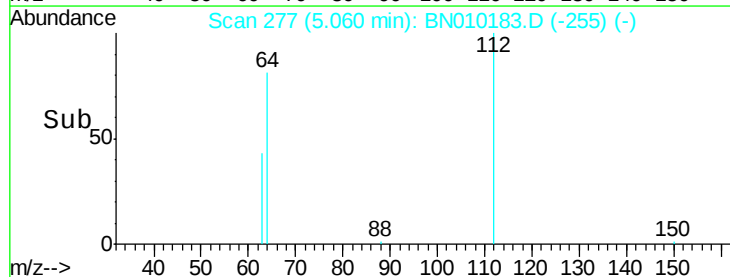
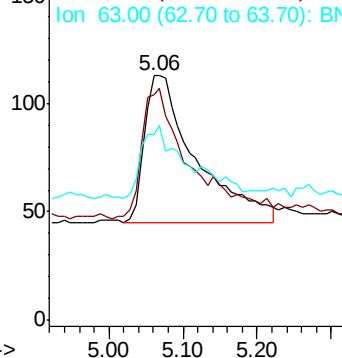
#4

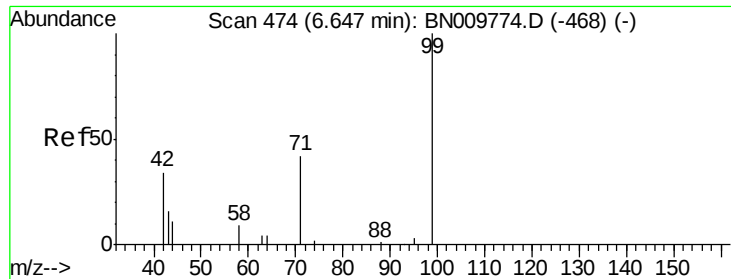
2-Fluorophenol
Concen: 0.160 ng
RT: 5.06 min Scan# 277
Delta R.T. -0.02 min
Lab File: BN010183.D
Acq: 11 Mar 2020 09:20

Tgt Ion:112 Resp: 328
Ion Ratio Lower Upper
112 100
64 84.1 65.8 98.6
63 35.1 38.7 58.1#



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: 0.132 ng

RT: 6.59 min Scan# 467

Delta R.T. -0.06 min

Lab File: BN010183.D

Acq: 11 Mar 2020 09:20

Instrument :

BNA_N

ClientSampled :

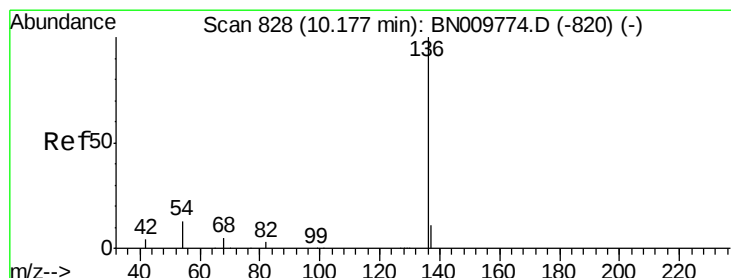
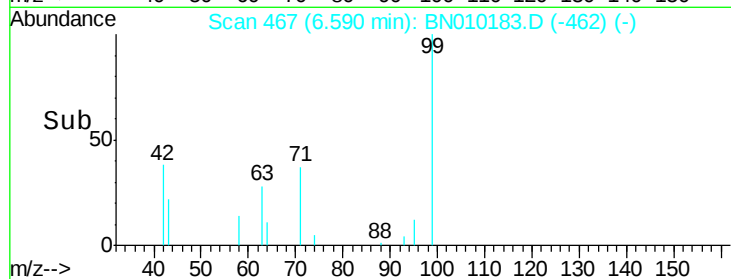
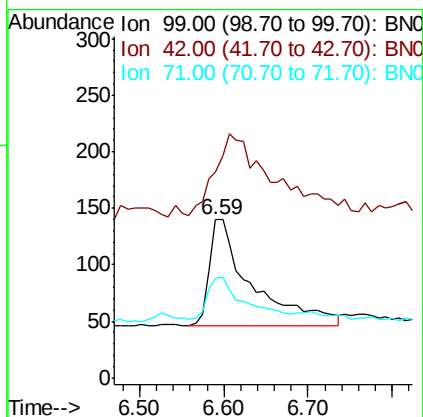
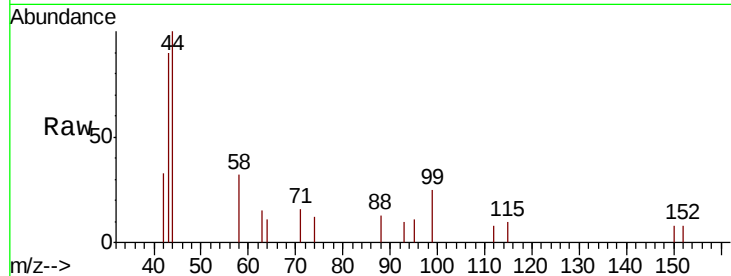
Tot Ion: 99 Resp: 329

Ion Ratio Lower Upper

99 100

42 108.5 30.8 46.2#

71 33.4 34.9 52.3#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.01 min

Lab File: BN010183.D

Acq: 11 Mar 2020 09:20

Tgt Ion: 136 Resp: 2408

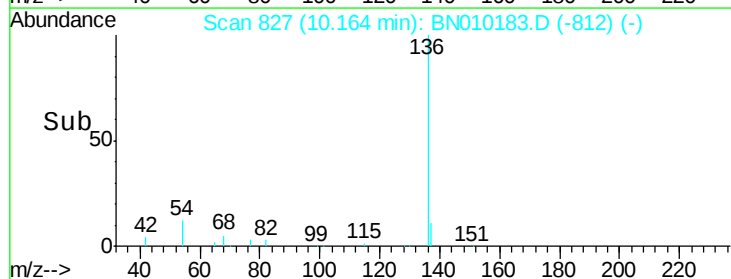
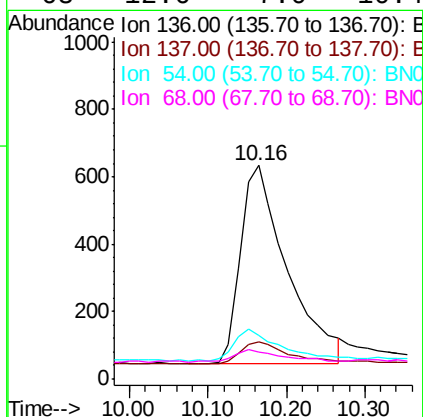
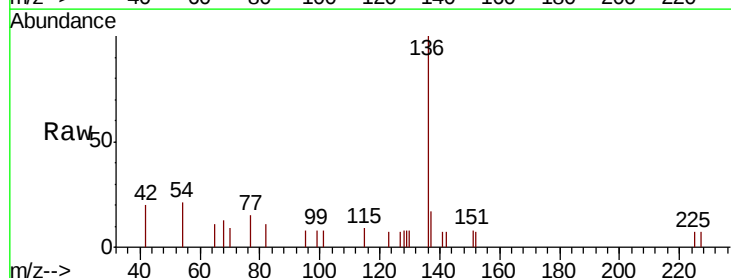
Ion Ratio Lower Upper

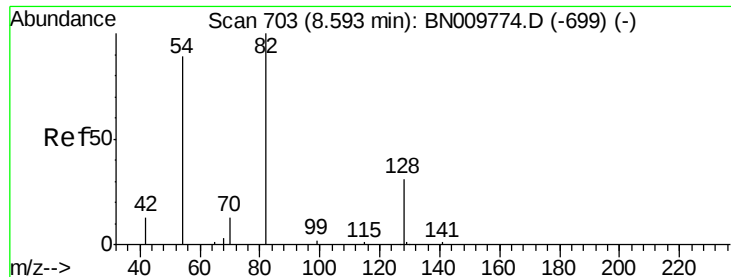
136 100

137 17.4 11.3 16.9#

54 20.5 13.4 20.2#

68 12.6 7.0 10.4#

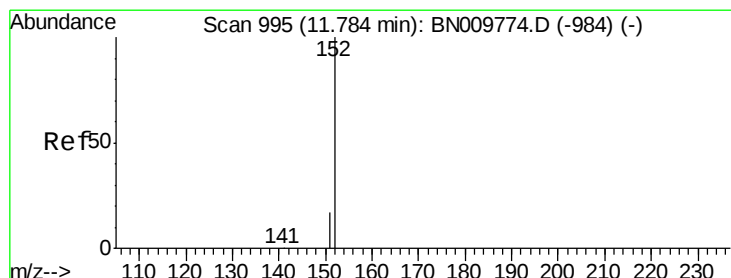
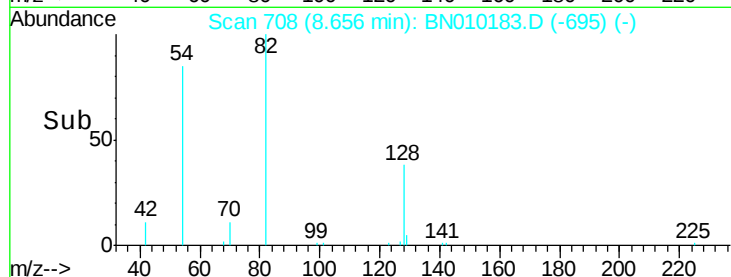
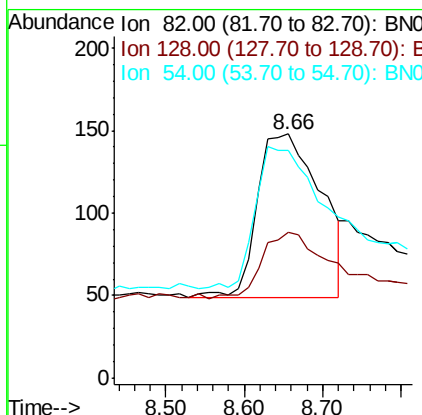
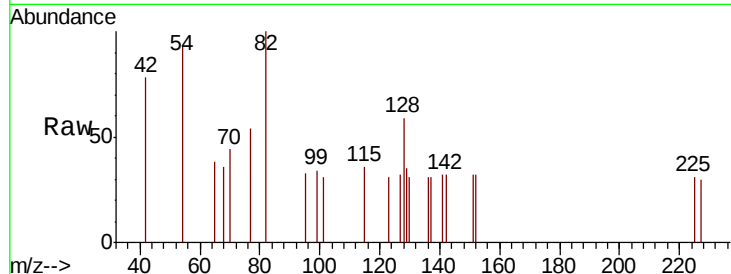




#8
 Nitrobenzene-d5
 Concen: 0.278 ng
 RT: 8.66 min Scan# 708
 Delta R.T. 0.06 min
 Lab File: BN010183.D
 Acq: 11 Mar 2020 09:20

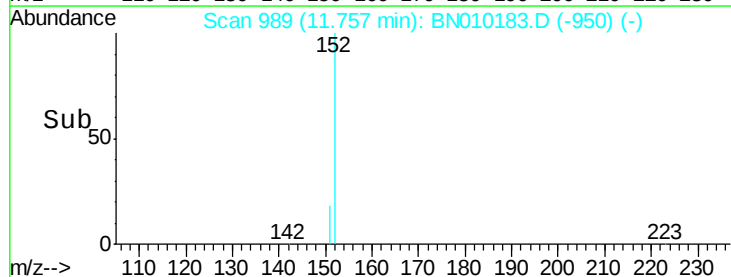
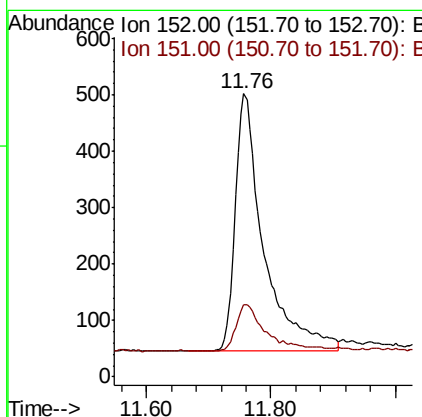
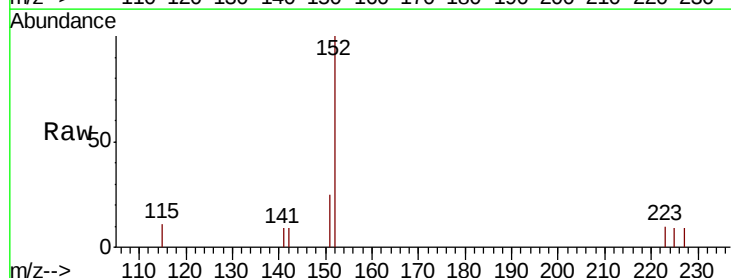
Instrument :
 BNA_N
 ClientSampleId :

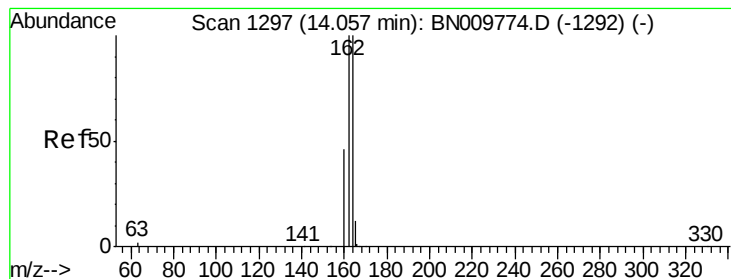
Tot Ion: 82 Resp: 557
 Ion Ratio Lower Upper
 82 100
 128 59.5 32.5 48.7#
 54 93.2 73.5 110.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.311 ng
 RT: 11.76 min Scan# 989
 Delta R.T. -0.03 min
 Lab File: BN010183.D
 Acq: 11 Mar 2020 09:20

Tgt Ion: 152 Resp: 1450
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.1 22.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BN010183.D

Acq: 11 Mar 2020 09:20

Instrument :

BNA_N

ClientSampled :

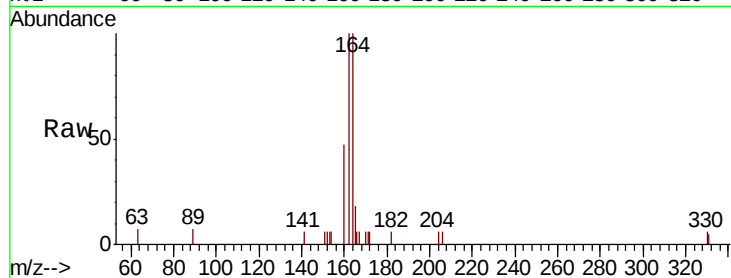
Tot Ion:164 Resp: 1603

Ion Ratio Lower Upper

164 100

162 99.5 79.9 119.9

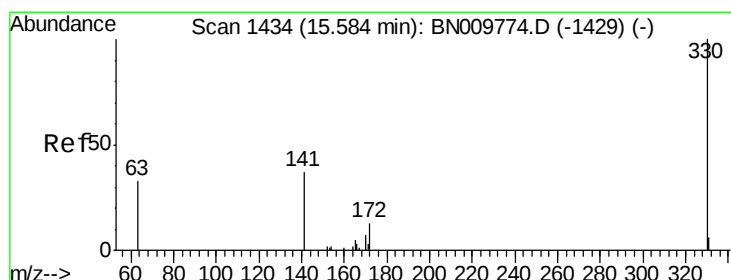
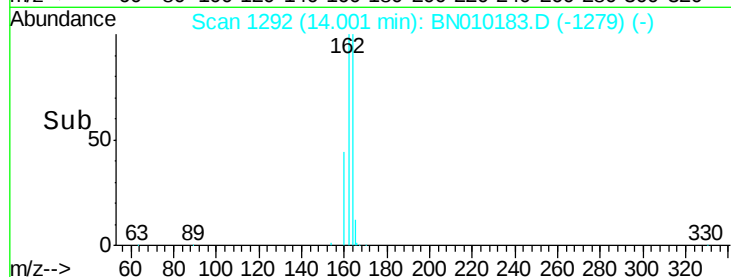
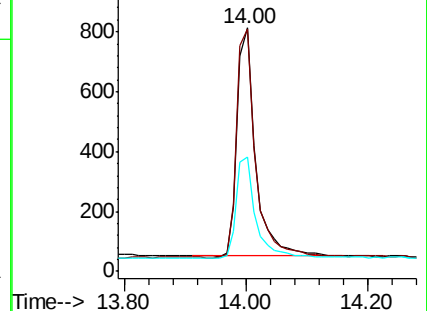
160 46.9 38.2 57.2



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: 0.308 ng

RT: 15.57 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BN010183.D

Acq: 11 Mar 2020 09:20

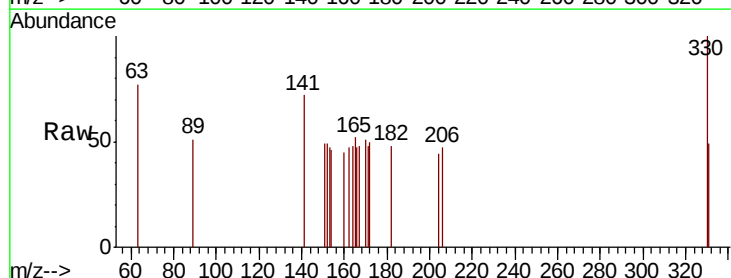
Tgt Ion:330 Resp: 190

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

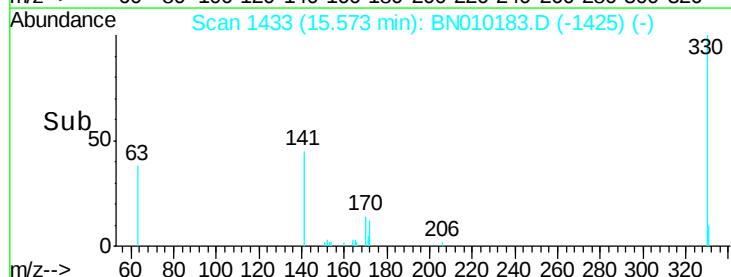
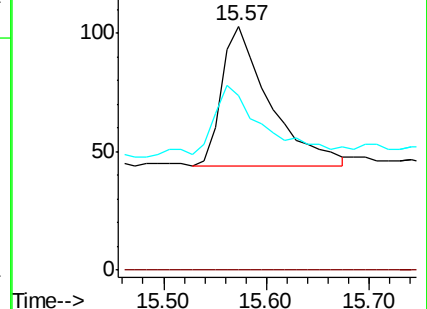
141 54.7 36.8 55.2

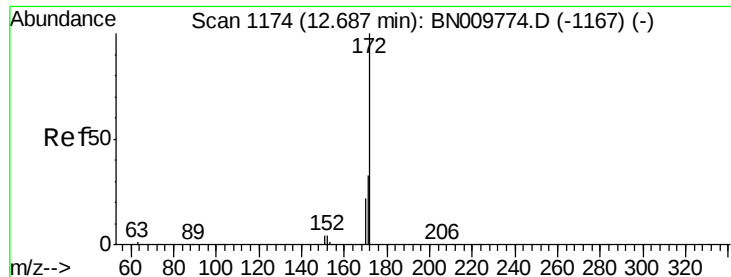


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

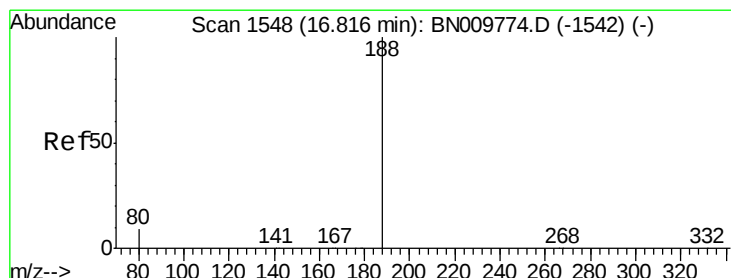
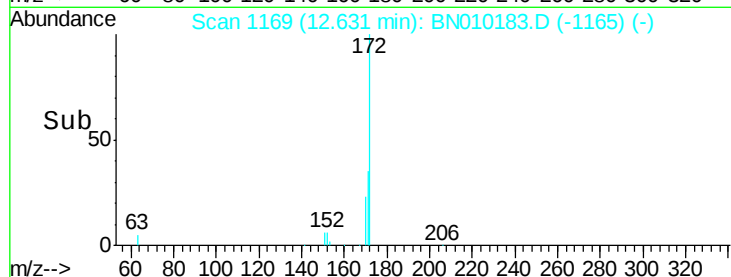
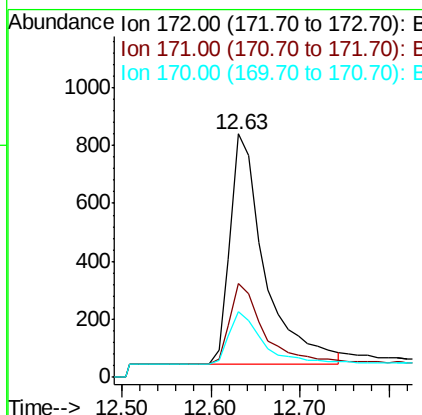
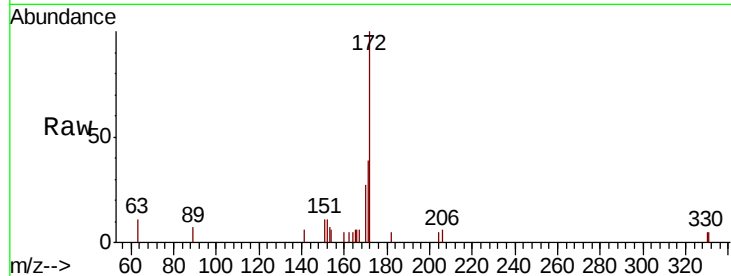




#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 12.63 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BN010183.D
Acq: 11 Mar 2020 09:20

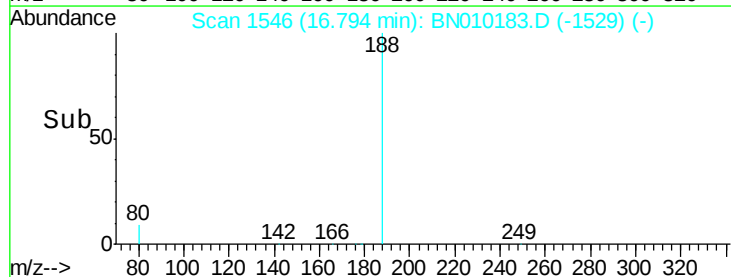
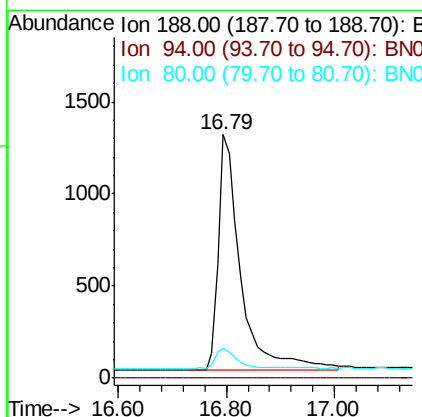
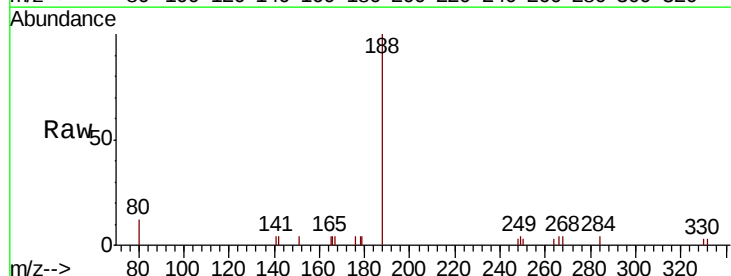
Instrument :
BNA_N
ClientSampled :

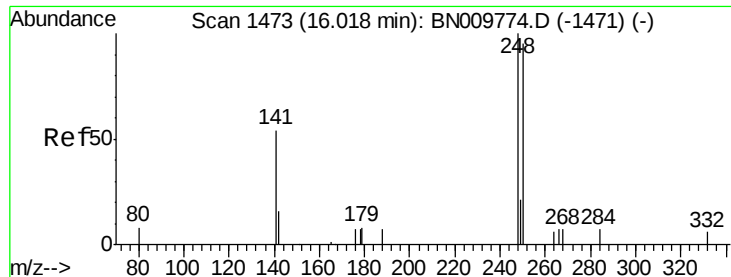
Tot Ion:172 Resp: 2166
Ion Ratio Lower Upper
172 100
171 38.8 28.7 43.1
170 27.1 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BN010183.D
Acq: 11 Mar 2020 09:20

Tgt Ion:188 Resp: 3645
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 8.3 12.5#





#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN010183.D

Acq: 11 Mar 2020 09:20

Instrument :

BNA_N

ClientSampleId :

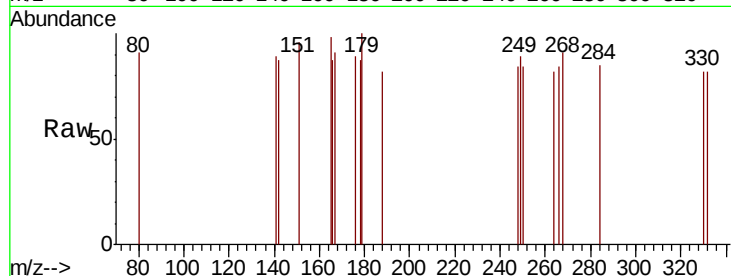
Tot Ion:248 Resp: 89

Ion Ratio Lower Upper

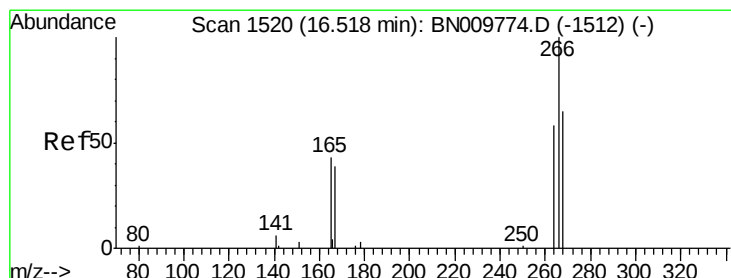
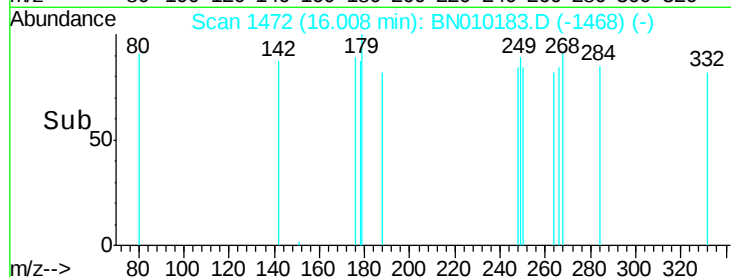
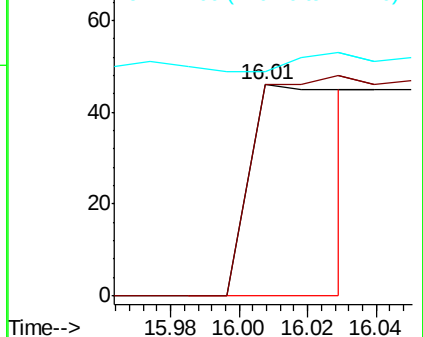
248 100

250 100.0 76.2 114.4

141 106.5 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: 0.181 ng

RT: 16.52 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BN010183.D

Acq: 11 Mar 2020 09:20

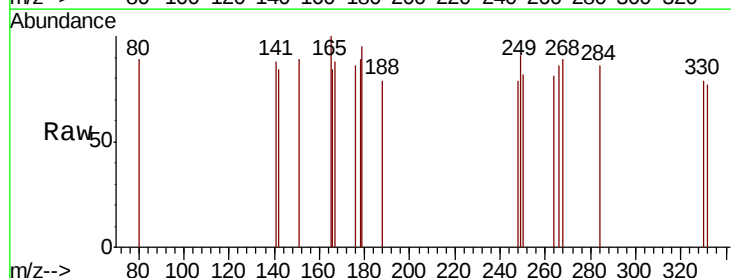
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

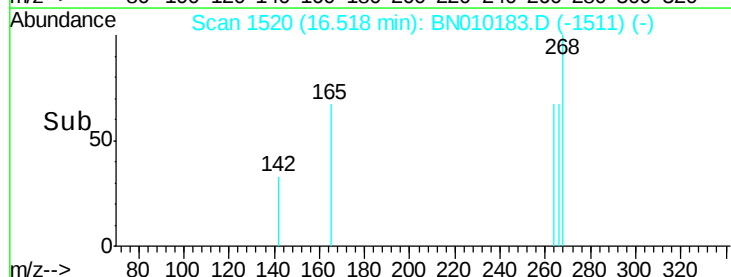
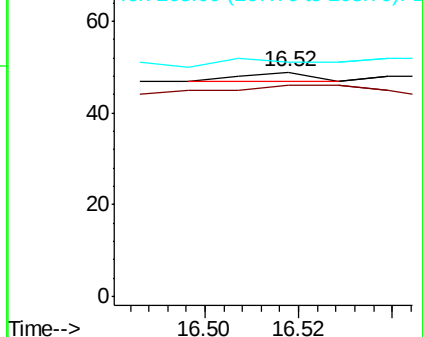
266 100

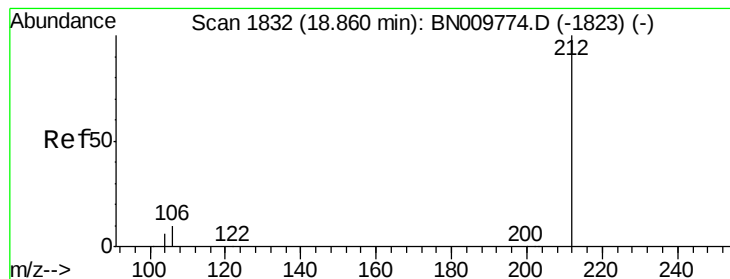
264 93.9 58.1 87.1#

268 104.1 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: 0.304 ng

RT: 18.83 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BN010183.D

Acq: 11 Mar 2020 09:20

Instrument :

BNA_N

ClientSampleId :

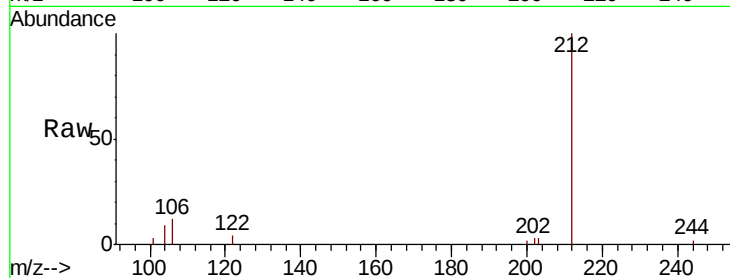
Tot Ion:212 Resp: 3836

Ion Ratio Lower Upper

212 100

106 10.3 8.4 12.6

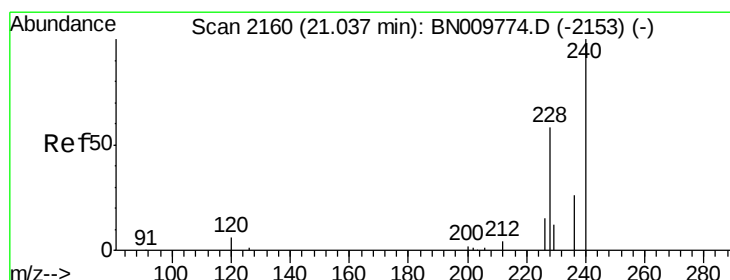
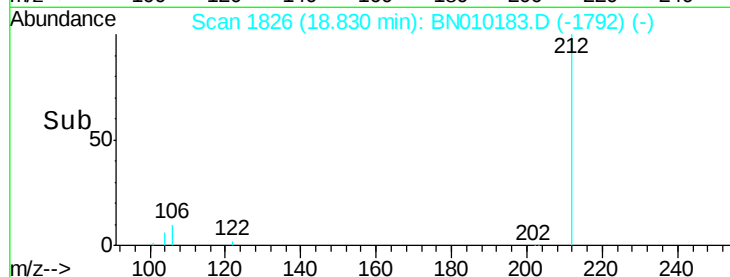
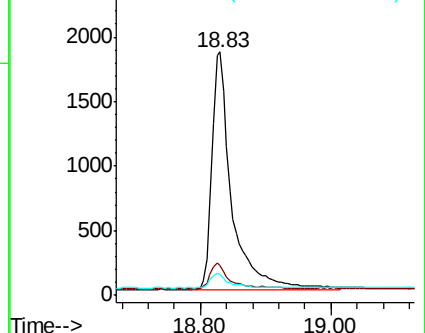
104 6.1 4.8 7.2



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: BN010183.D

Acq: 11 Mar 2020 09:20

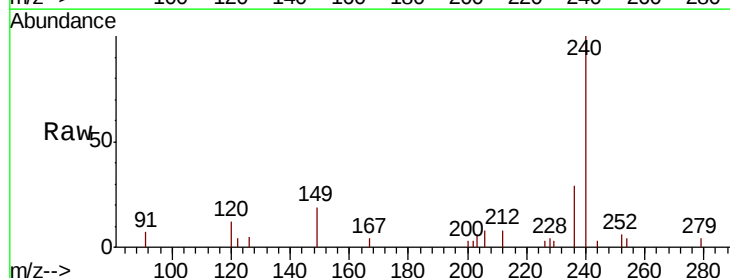
Tgt Ion:240 Resp: 3314

Ion Ratio Lower Upper

240 100

120 12.4 7.9 11.9#

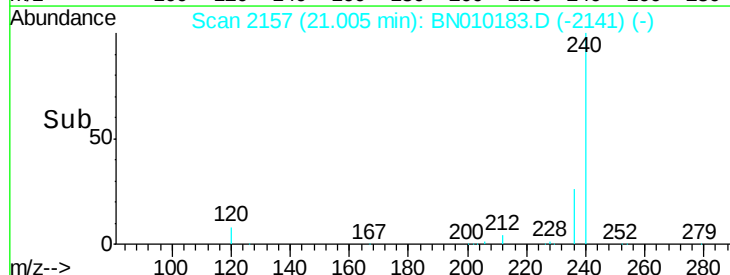
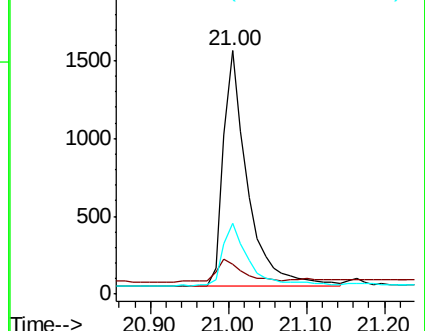
236 28.9 22.0 33.0

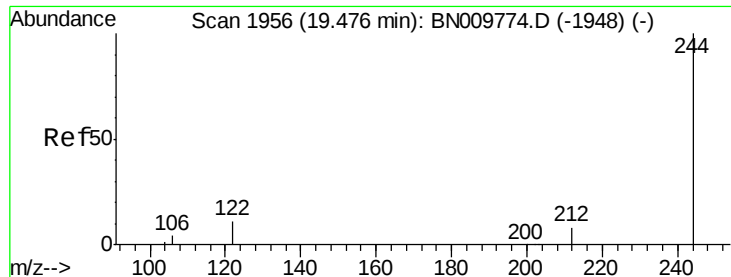


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.427 ng

RT: 19.43 min Scan# 1946

Delta R.T. -0.05 min

Lab File: BN010183.D

Acq: 11 Mar 2020 09:20

Instrument :

BNA_N

ClientSampleId :

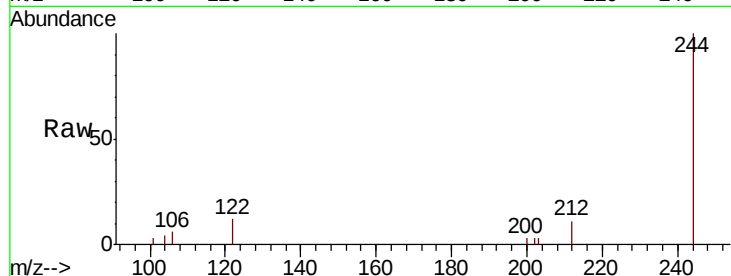
Tot Ion:244 Resp: 3380

Ion Ratio Lower Upper

244 100

212 11.2 8.0 12.0

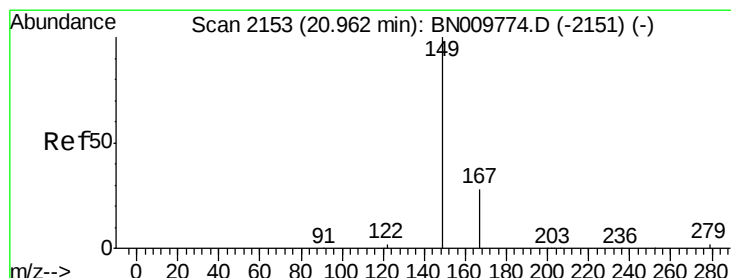
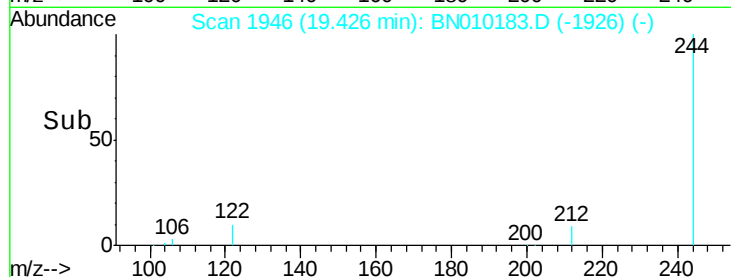
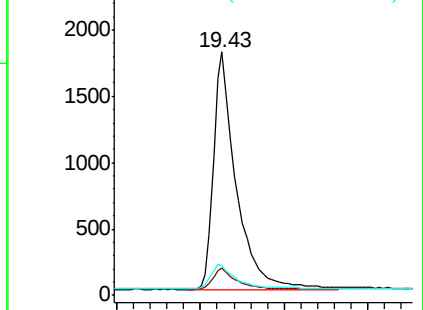
122 12.3 10.0 15.0



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: 0.092 ng

RT: 20.91 min Scan# 2148

Delta R.T. -0.05 min

Lab File: BN010183.D

Acq: 11 Mar 2020 09:20

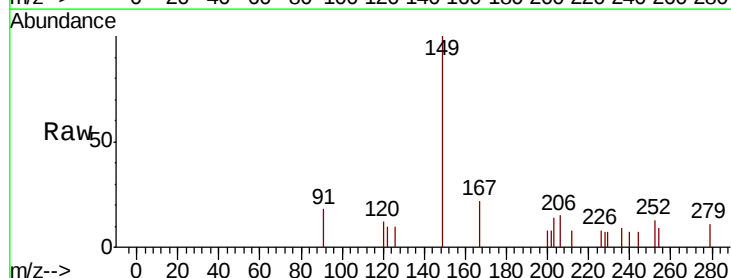
Tgt Ion:149 Resp: 493

Ion Ratio Lower Upper

149 100

167 21.7 22.7 34.1#

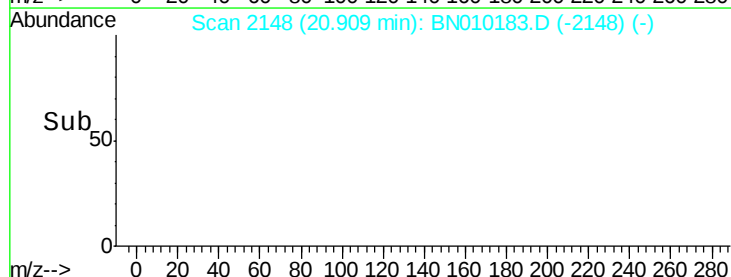
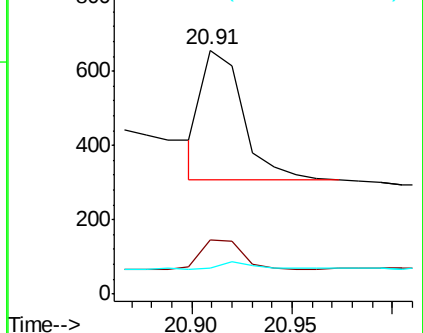
279 4.3 3.1 4.7

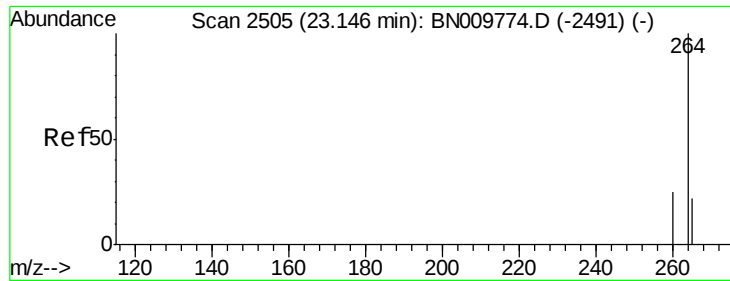


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

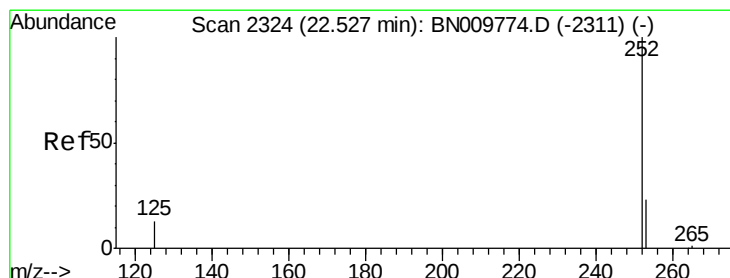
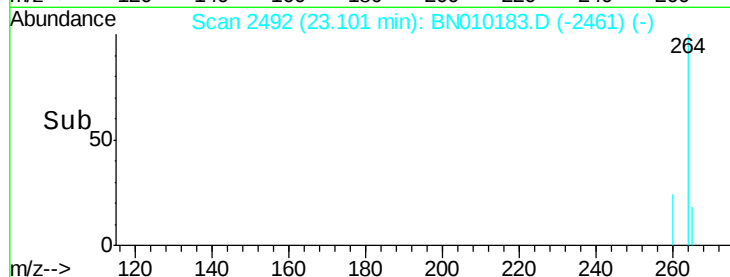
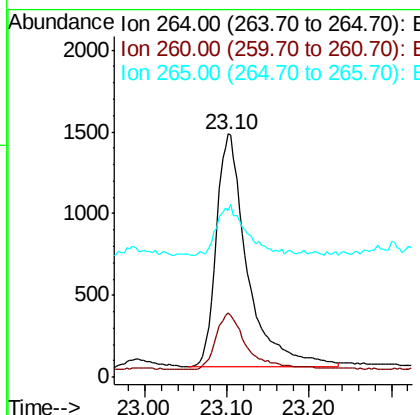
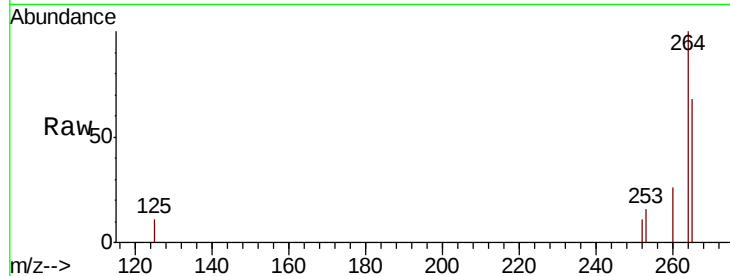




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2492
Delta R.T. -0.04 min
Lab File: BN010183.D
Acq: 11 Mar 2020 09:20

Instrument :
BNA_N
ClientSampleId :

Tot Ion:264 Resp: 3699
Ion Ratio Lower Upper
264 100
260 26.4 21.1 31.7
265 68.4 57.5 86.3



#35
Benzo(b)fluoranthene
Concen: 0.023 ng
RT: 22.47 min Scan# 2308
Delta R.T. -0.05 min
Lab File: BN010183.D
Acq: 11 Mar 2020 09:20

Tgt Ion:252 Resp: 314
Ion Ratio Lower Upper
252 100
253 182.8 23.0 34.6#
125 694.4 14.4 21.6#

