

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022120\
 Data File : BN009808.D
 Acq On : 21 Feb 2020 15:08
 Operator : CG/JU
 Sample : PB126764BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 21 16:37:58 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	7.41	152	1054	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	3516	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	2309	0.40	ng	-0.01
19) Phenanthrene-d10	16.80	188	4981	0.40	ng	-0.01
27) Chrysene-d12	21.02	240	4955	0.40	ng	-0.02
34) Perylene-d12	23.13	264	5063	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.08	112	428	0.18	ng	0.00
5) Phenol-d6	6.64	99	273	0.10	ng	0.00
8) Nitrobenzene-d5	8.59	82	1188	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.77	152	2208	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.58	330	130	0.15	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	4251	0.49	ng	-0.02
25) Fluoranthene-d10	18.84	212	6296	0.37	ng	-0.02
29) Terphenyl-d14	19.46	244	6072	0.51	ng	-0.02

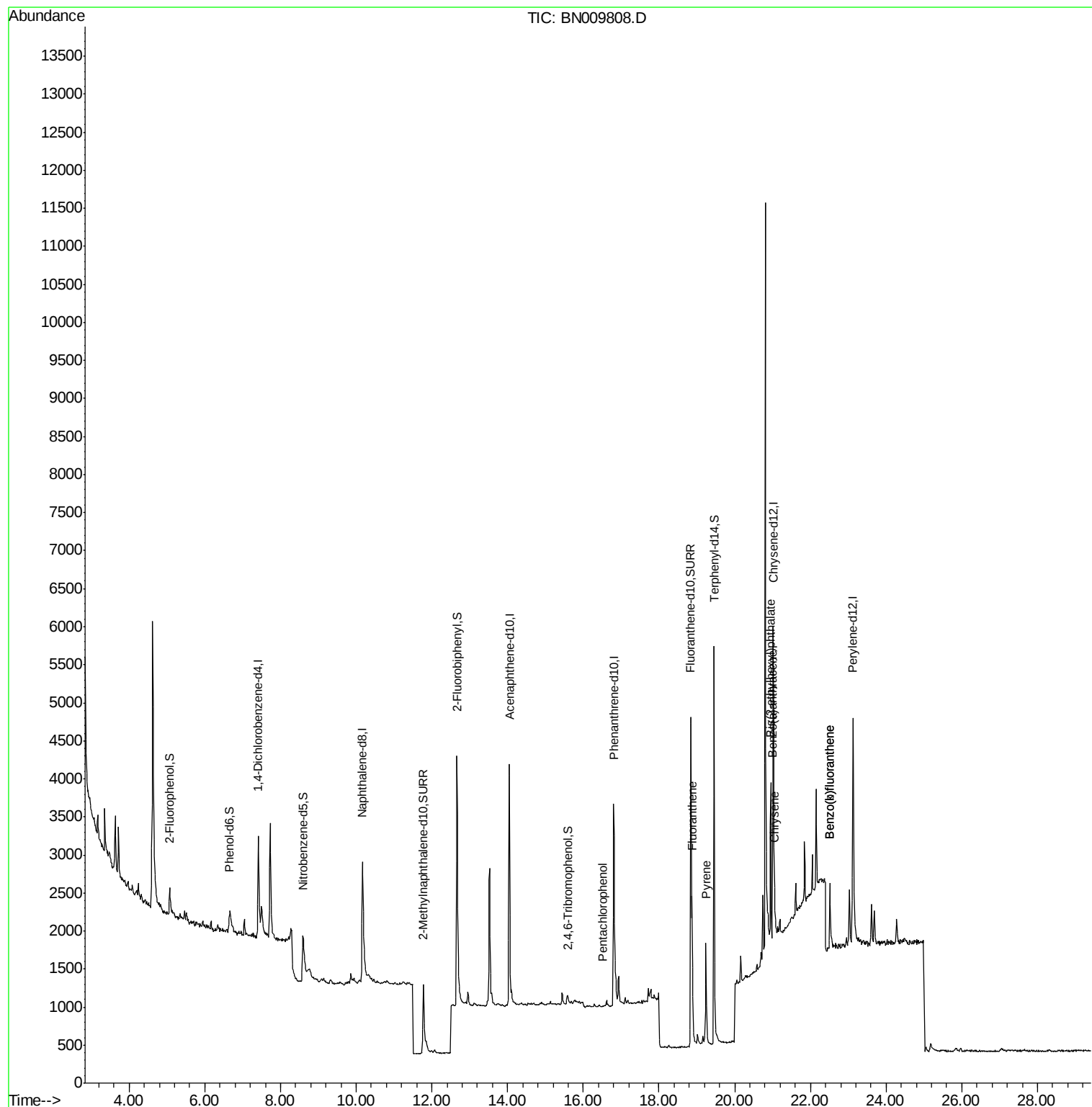
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) 4-Bromophenyl-phenylether	16.02	248	147	Below Cal		# 72
22) Pentachlorophenol	16.52	266	4	0.182	ng	# 73
26) Fluoranthene	18.87	202	1914	0.108	ng	# 98
28) Pyrene	19.24	202	1473	0.078	ng	# 96
30) Benzo(a)anthracene	21.00	228	420	0.026	ng	# 72
31) Chrysene	21.06	228	476	0.025	ng	# 75
32) Bis(2-ethylhexyl)phthalate	20.95	149	2019	0.252	ng	# 96
35) Benzo(b)fluoranthene	22.52	252	451	0.024	ng	# 1
36) Benzo(k)fluoranthene	22.52	252	451	0.022	ng	# 1

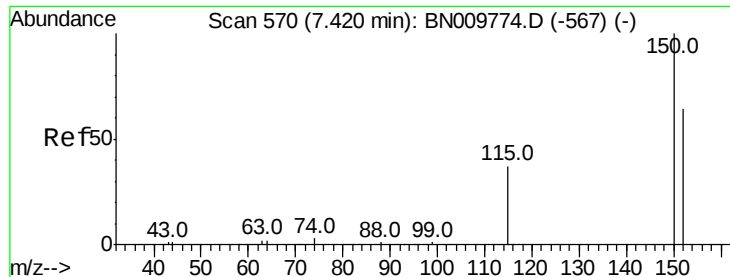
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022120\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
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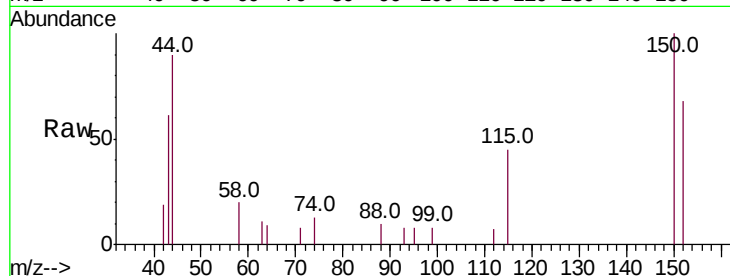


#1

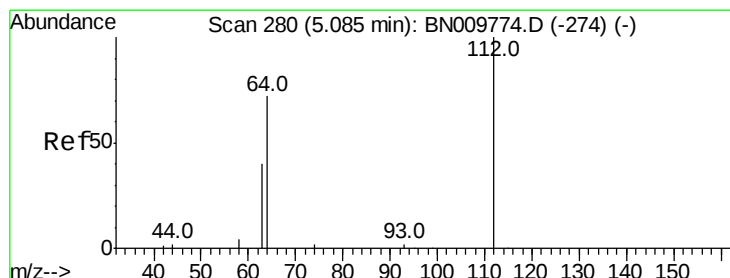
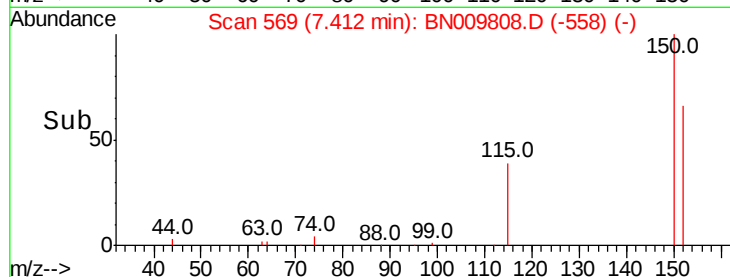
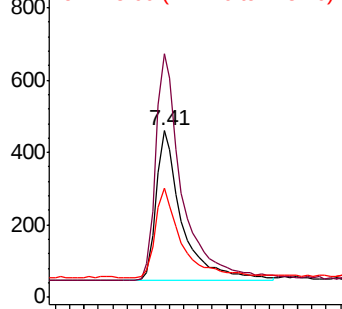
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.01 min
Lab File: BN009808.D
Acq: 21 Feb 2020 15:08

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 1054
Ion Ratio Lower Upper
152 100
150 146.4 120.6 181.0
115 65.4 51.2 76.8



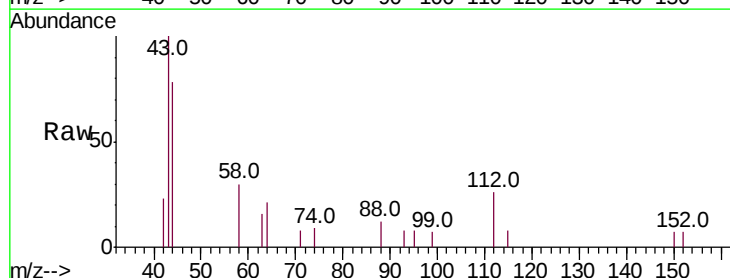
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



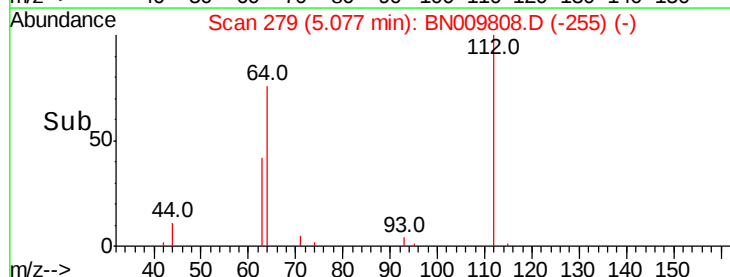
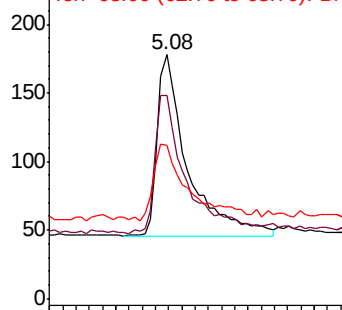
#4

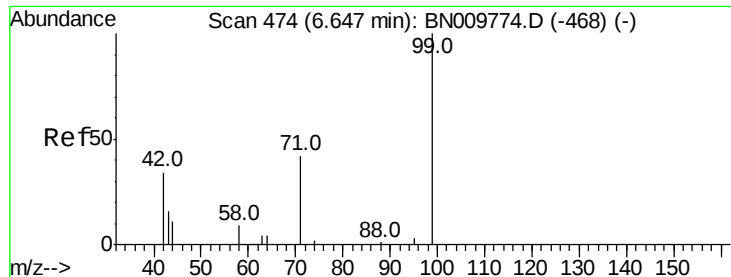
2-Fluorophenol
Concen: 0.183 ng
RT: 5.08 min Scan# 279
Delta R.T. -0.01 min
Lab File: BN009808.D
Acq: 21 Feb 2020 15:08

Tgt Ion:112 Resp: 428
Ion Ratio Lower Upper
112 100
64 77.6 65.8 98.6
63 45.3 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: 0.096 ng

RT: 6.64 min Scan# 473

Delta R.T. -0.01 min

Lab File: BN009808.D

Acq: 21 Feb 2020 15:08

Instrument :

BNA_N

ClientSampleId :

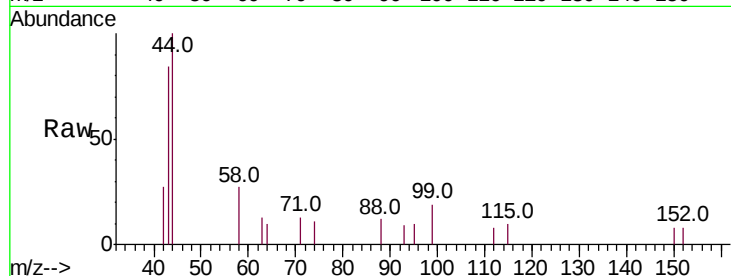
Tot Ion: 99 Resp: 273

Ion Ratio Lower Upper

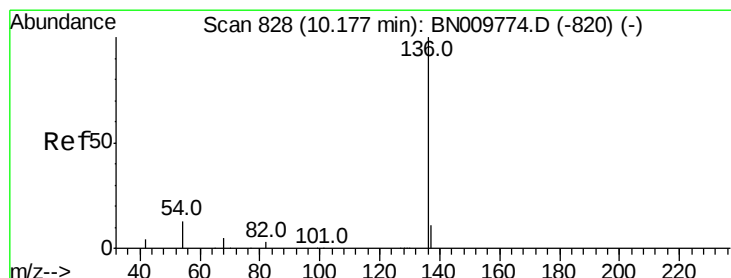
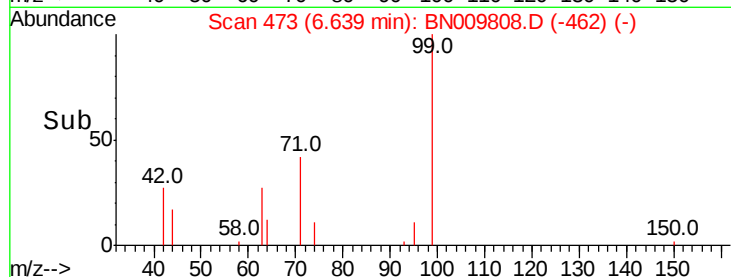
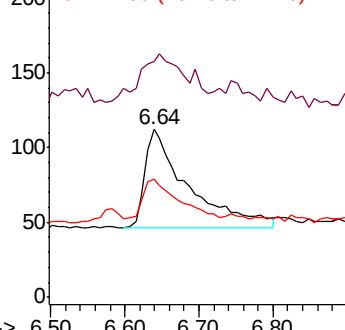
99 100

42 51.6 30.8 46.2#

71 32.2 34.9 52.3#



Abundance Ion 99.00 (98.70 to 99.70): BNO
Ion 42.00 (41.70 to 42.70): BNO
Ion 71.00 (70.70 to 71.70): BNO



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.01 min

Lab File: BN009808.D

Acq: 21 Feb 2020 15:08

Tgt Ion: 136 Resp: 3516

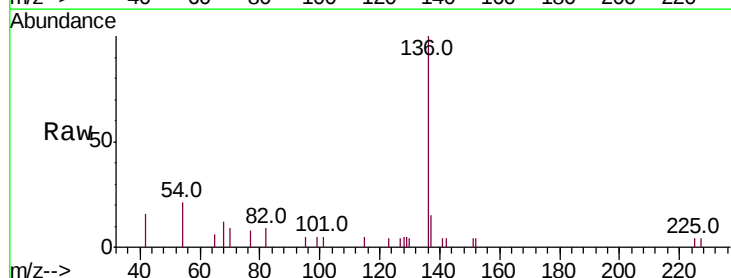
Ion Ratio Lower Upper

136 100

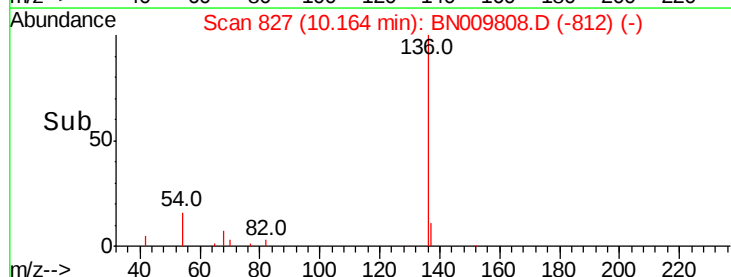
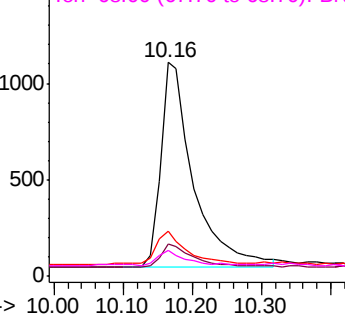
137 15.1 11.3 16.9

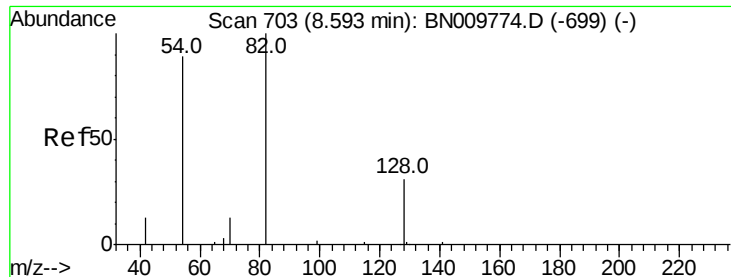
54 21.2 13.4 20.2#

68 11.7 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): BNO
Ion 68.00 (67.70 to 68.70): BNO





#8

Nitrobenzene-d5

Concen: 0.406 ng

RT: 8.59 min Scan# 703

Delta R.T. -0.00 min

Lab File: BN009808.D

Acq: 21 Feb 2020 15:08

Instrument :

BNA_N

ClientSampleId :

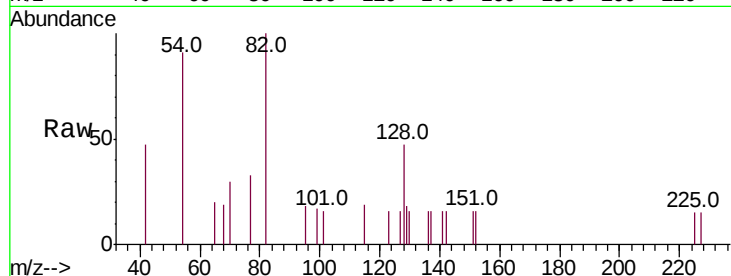
Tot Ion: 82 Resp: 1188

Ion Ratio Lower Upper

82 100

128 46.8 32.5 48.7

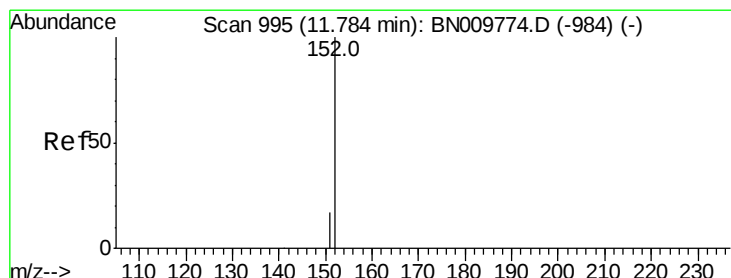
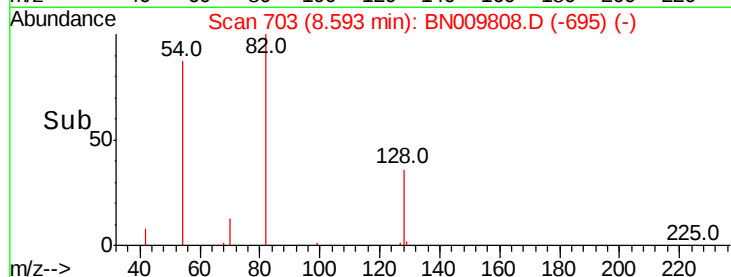
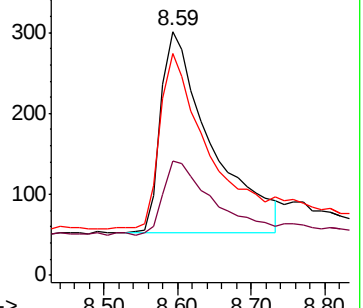
54 91.0 73.5 110.3



Abundance Ion 82.00 (81.70 to 82.70): BN009808.D (-950) (-)

Ion 128.00 (127.70 to 128.70): BN009808.D (-950) (-)

Ion 54.00 (53.70 to 54.70): BN009808.D (-950) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.325 ng

RT: 11.77 min Scan# 993

Delta R.T. -0.01 min

Lab File: BN009808.D

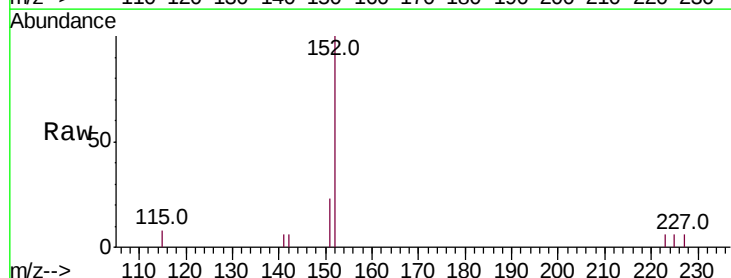
Acq: 21 Feb 2020 15:08

Tgt Ion: 152 Resp: 2208

Ion Ratio Lower Upper

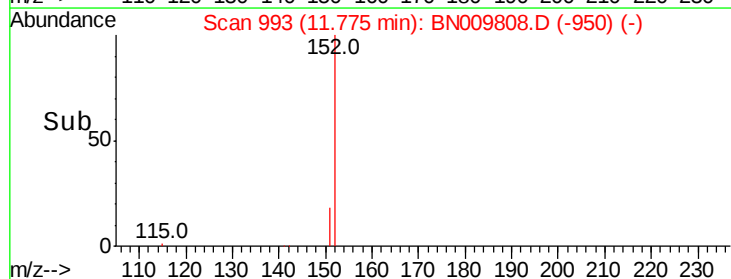
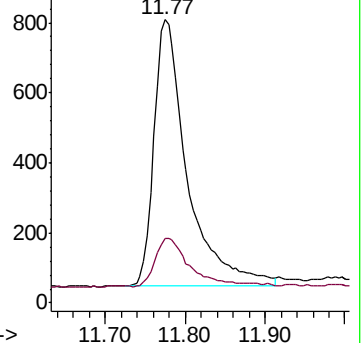
152 100

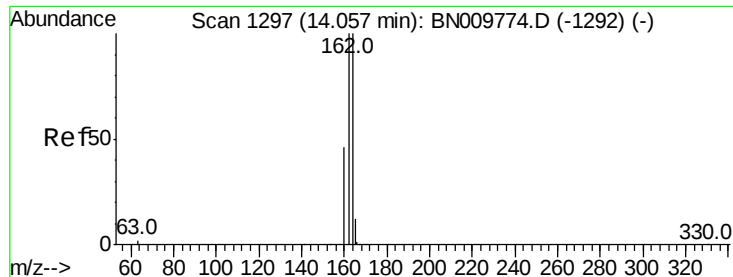
151 19.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BN009808.D (-950) (-)

Ion 151.00 (150.70 to 151.70): BN009808.D (-950) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN009808.D

Acq: 21 Feb 2020 15:08

Instrument :

BNA_N

ClientSampleId :

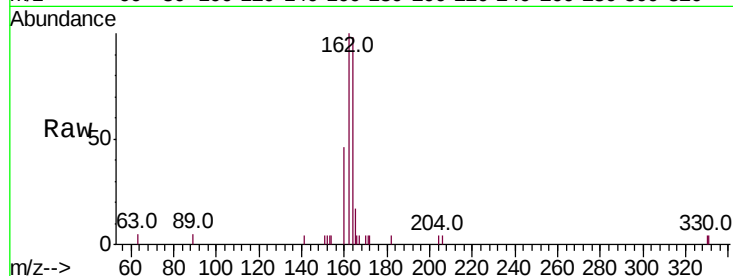
Tot Ion:164 Resp: 2309

Ion Ratio Lower Upper

164 100

162 101.8 79.9 119.9

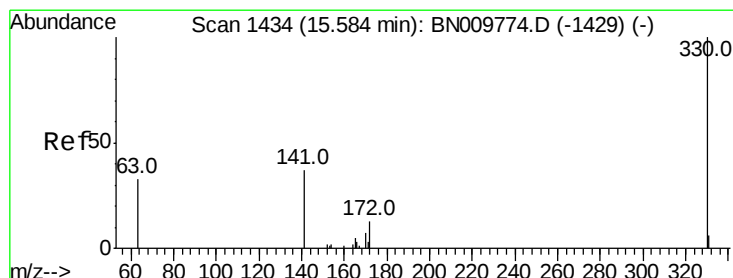
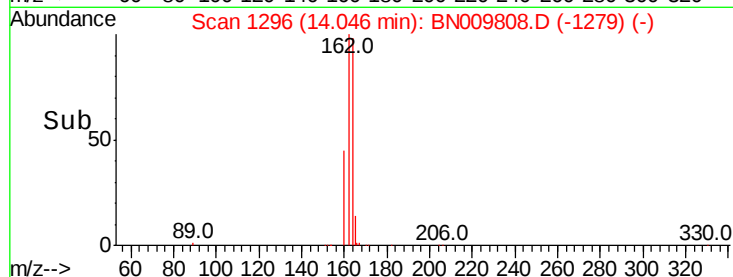
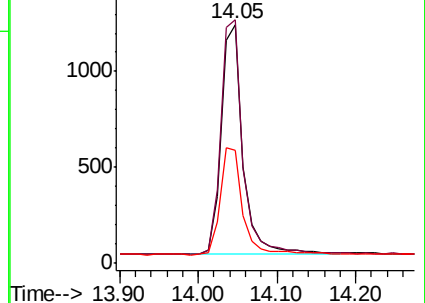
160 47.4 38.2 57.2



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: 0.146 ng

RT: 15.58 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BN009808.D

Acq: 21 Feb 2020 15:08

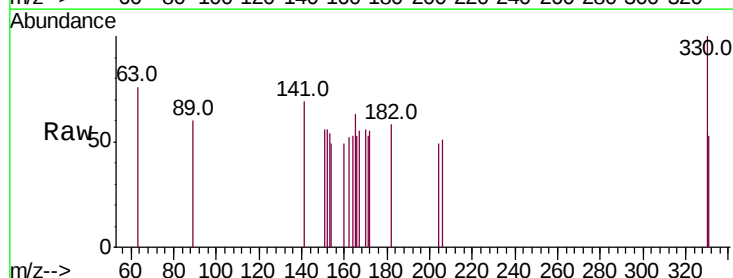
Tgt Ion:330 Resp: 130

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

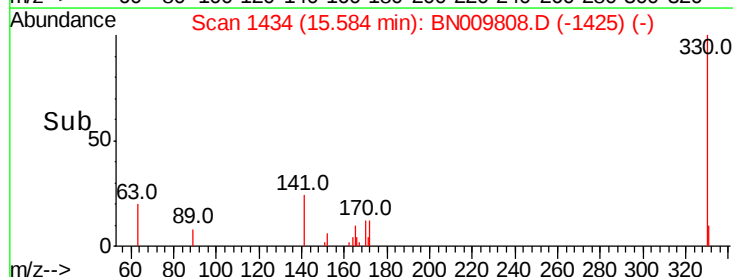
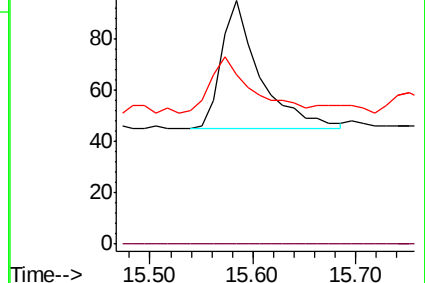
141 46.9 36.8 55.2

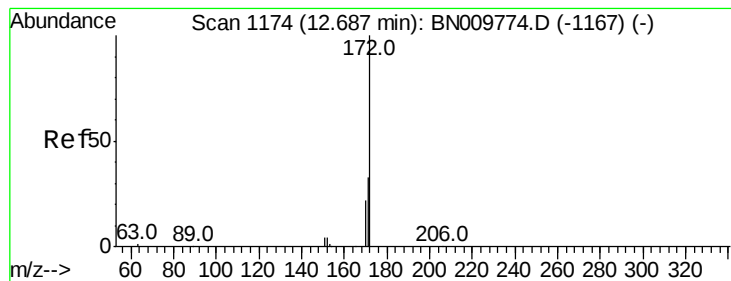


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

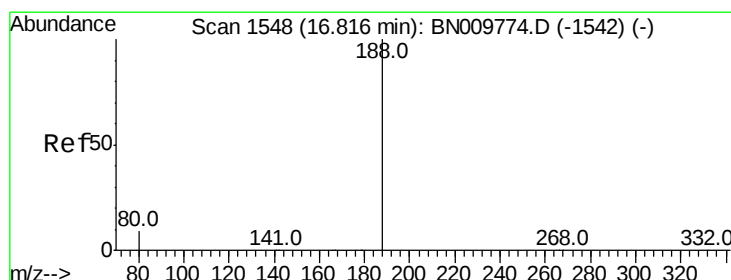
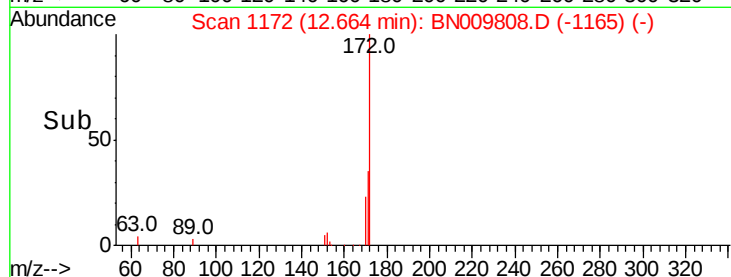
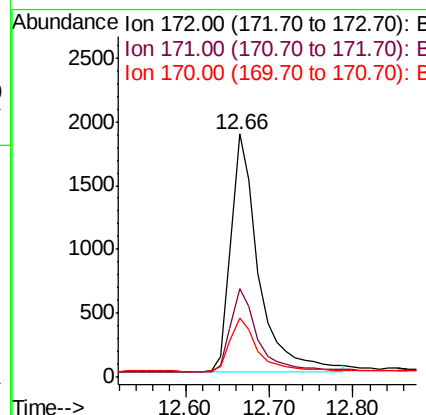
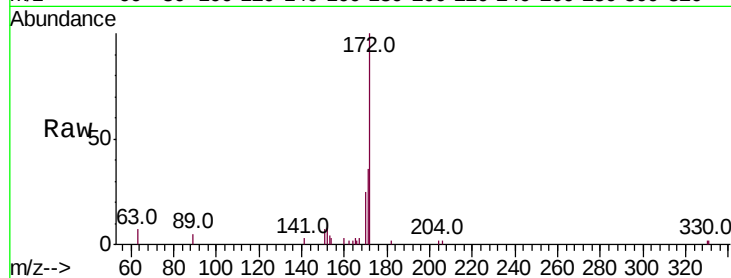




#15
2-Fluorobiphenyl
Concen: 0.488 ng
RT: 12.66 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BN009808.D
Acq: 21 Feb 2020 15:08

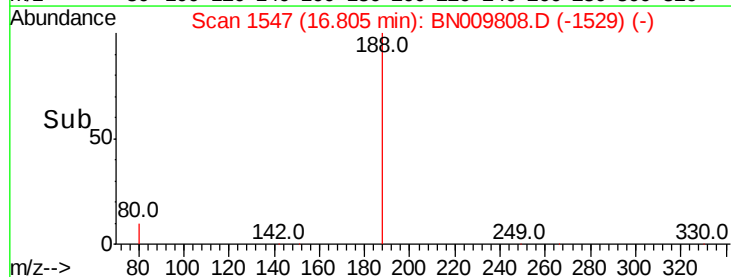
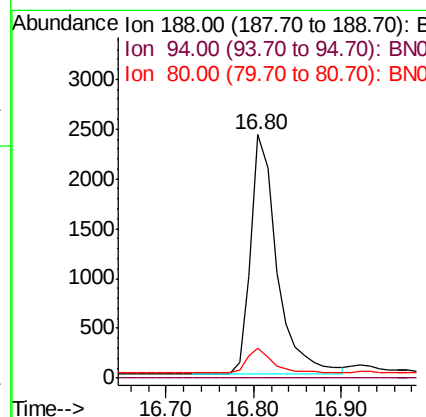
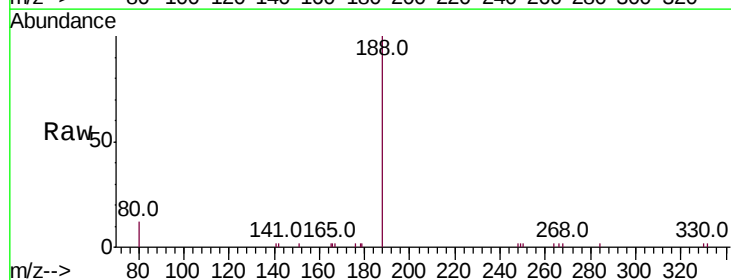
Instrument :
BNA_N
ClientSampled :

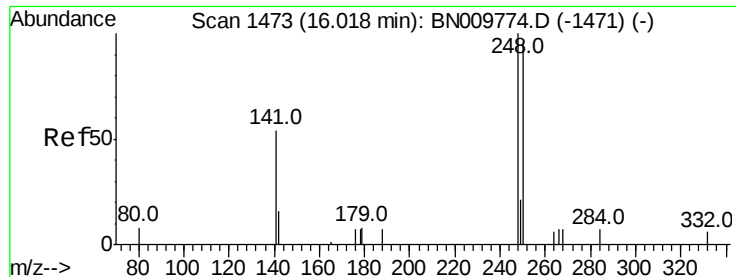
Tot Ion:172 Resp: 4251
Ion Ratio Lower Upper
172 100
171 36.4 28.7 43.1
170 24.6 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN009808.D
Acq: 21 Feb 2020 15:08

Tgt Ion:188 Resp: 4981
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 8.3 12.5





#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.02 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BN009808.D

Acq: 21 Feb 2020 15:08

Instrument :

BNA_N

ClientSampled :

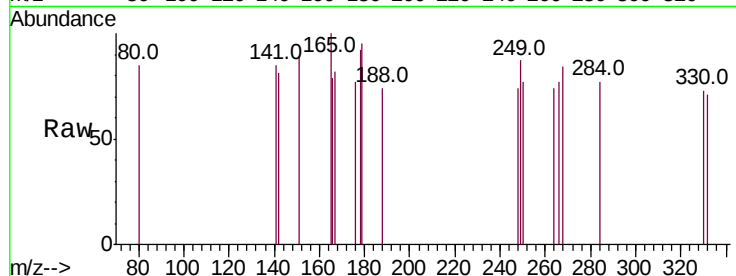
Tot Ion:248 Resp: 147

Ion Ratio Lower Upper

248 100

250 104.3 76.2 114.4

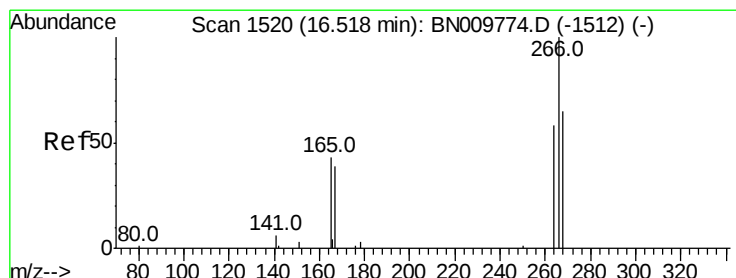
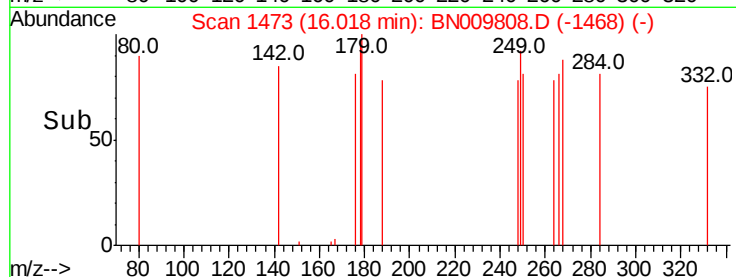
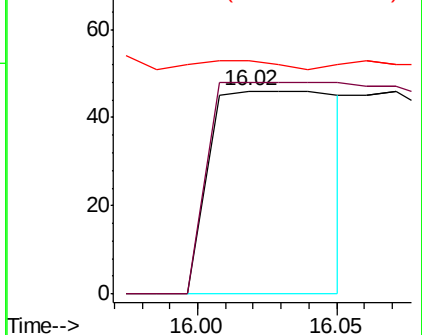
141 115.2 57.8 86.6#



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: 0.182 ng

RT: 16.52 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BN009808.D

Acq: 21 Feb 2020 15:08

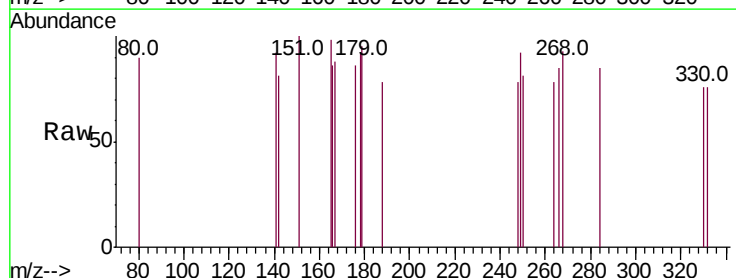
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 92.0 58.1 87.1#

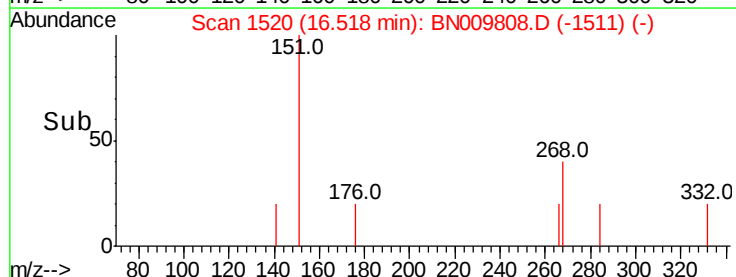
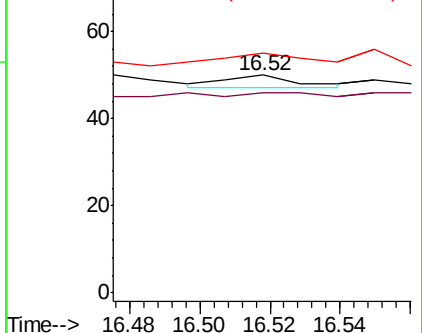
268 110.0 65.7 98.5#

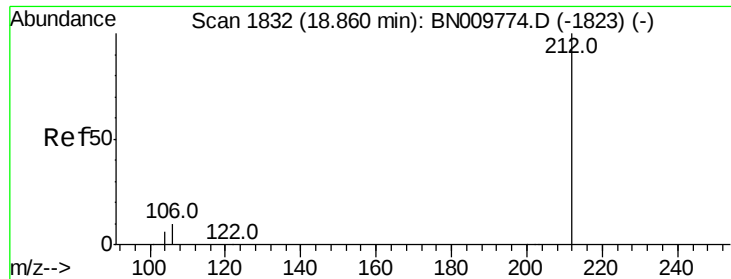


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.365 ng

RT: 18.84 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BN009808.D

Acq: 21 Feb 2020 15:08

Instrument :

BNA_N

ClientSampleId :

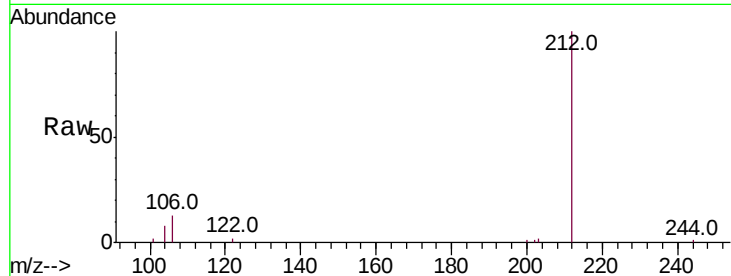
Tot Ion:212 Resp: 6296

Ion Ratio Lower Upper

212 100

106 11.8 8.4 12.6

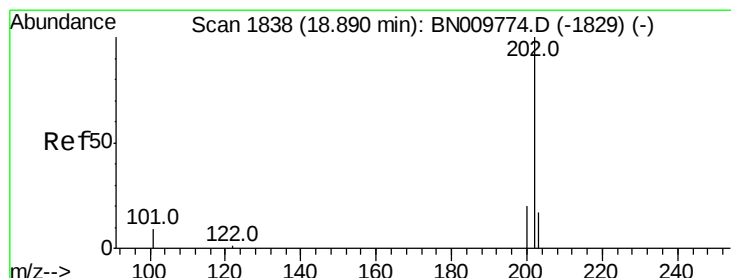
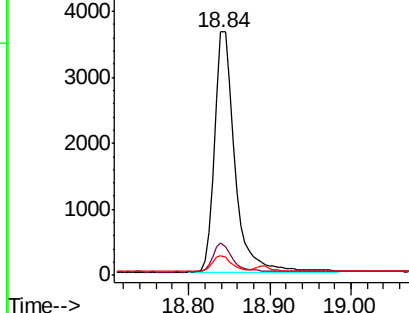
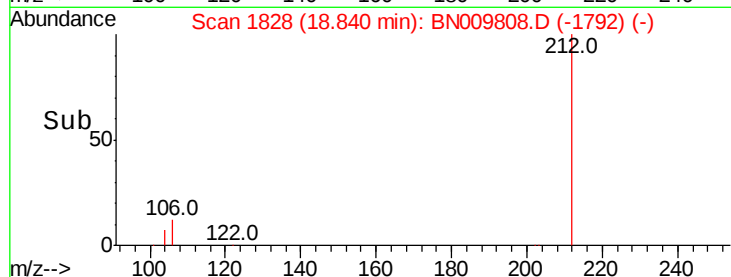
104 6.1 4.8 7.2



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



#26

Fluoranthene

Concen: 0.108 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BN009808.D

Acq: 21 Feb 2020 15:08

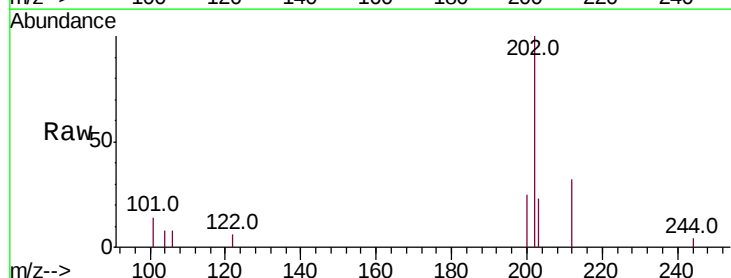
Tgt Ion:202 Resp: 1914

Ion Ratio Lower Upper

202 100

101 11.4 7.1 10.7#

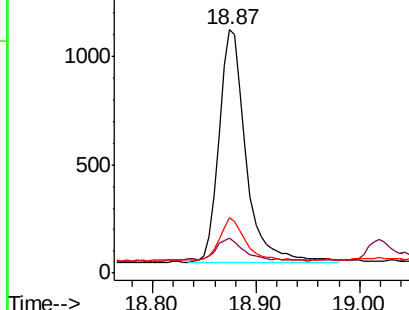
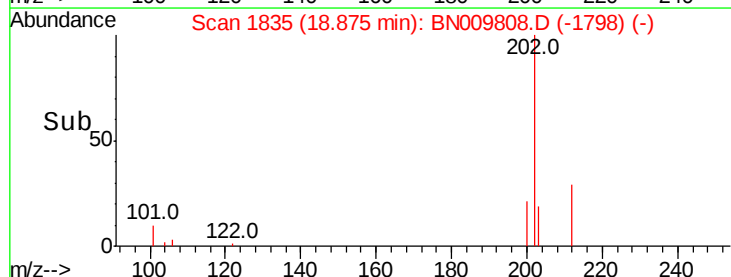
203 17.2 13.8 20.6

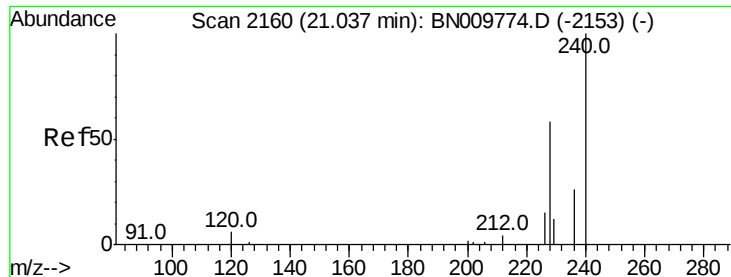


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.02 min

Lab File: BN009808.D

Acq: 21 Feb 2020 15:08

Instrument :

BNA_N

ClientSampleId :

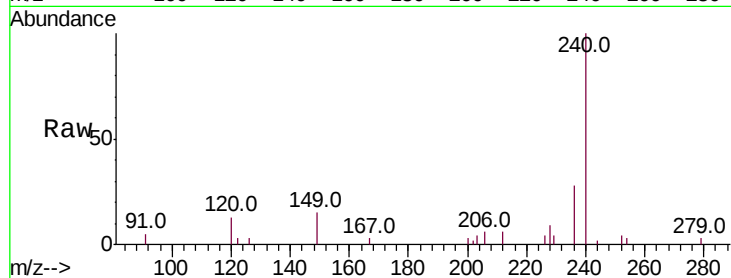
Tot Ion:240 Resp: 4955

Ion Ratio Lower Upper

240 100

120 13.2 7.9 11.9#

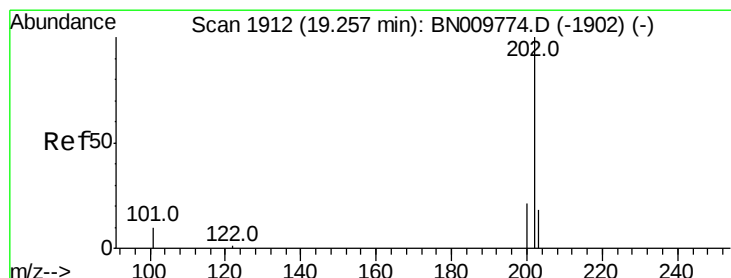
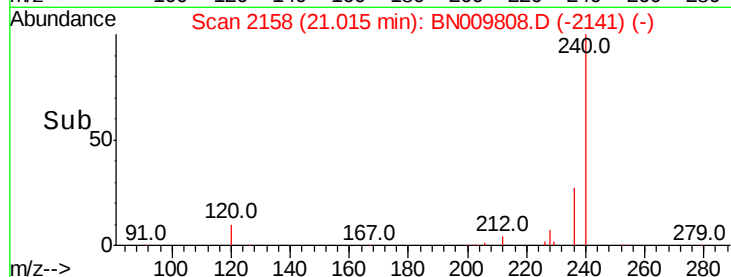
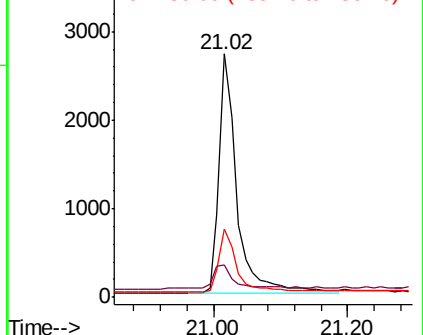
236 28.3 22.0 33.0



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



#28

Pyrene

Concen: 0.078 ng

RT: 19.24 min Scan# 1909

Delta R.T. -0.02 min

Lab File: BN009808.D

Acq: 21 Feb 2020 15:08

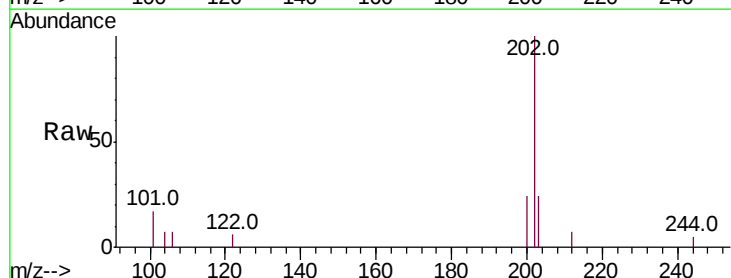
Tgt Ion:202 Resp: 1473

Ion Ratio Lower Upper

202 100

200 20.1 16.4 24.6

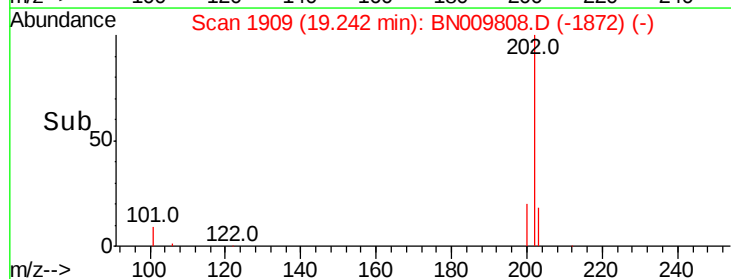
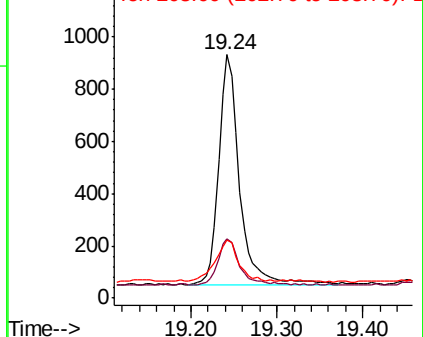
203 20.8 13.9 20.9

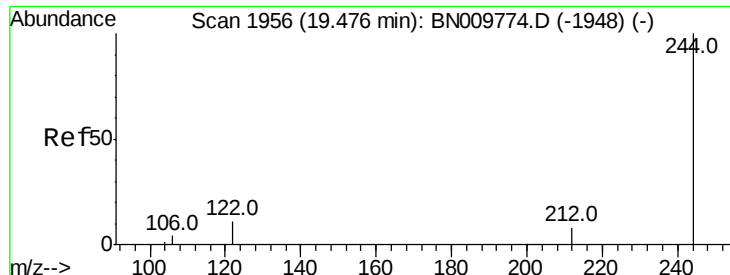


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.513 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BN009808.D

Acq: 21 Feb 2020 15:08

Instrument :

BNA_N

ClientSampleId :

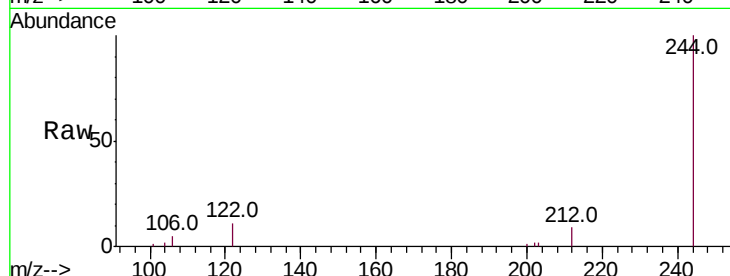
Tot Ion:244 Resp: 6072

Ion Ratio Lower Upper

244 100

212 8.8 8.0 12.0

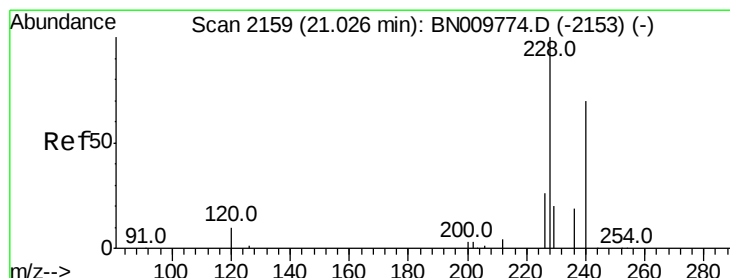
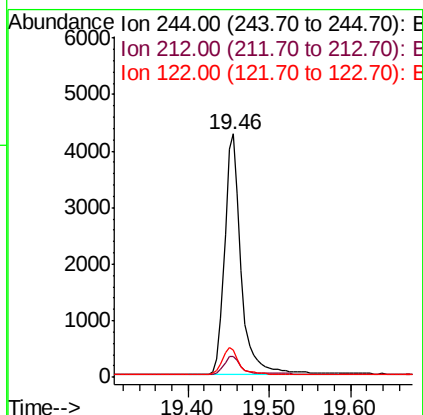
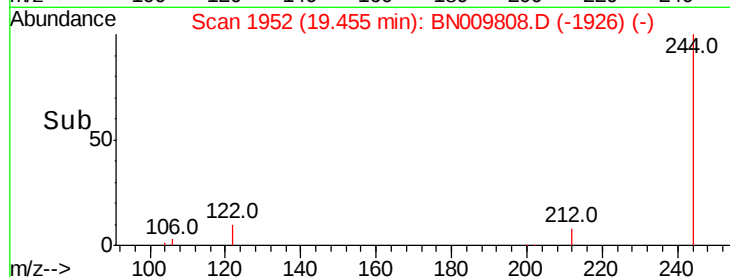
122 11.2 10.0 15.0



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



#30

Benzo(a)anthracene

Concen: 0.026 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BN009808.D

Acq: 21 Feb 2020 15:08

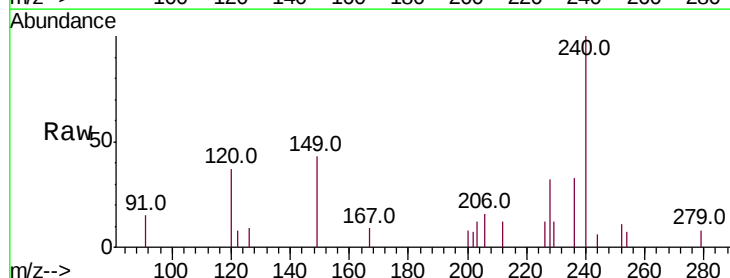
Tgt Ion:228 Resp: 420

Ion Ratio Lower Upper

228 100

226 39.1 21.8 32.8#

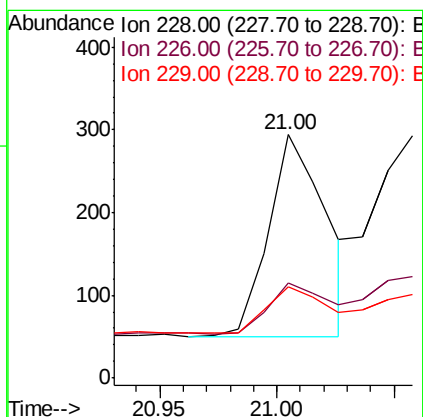
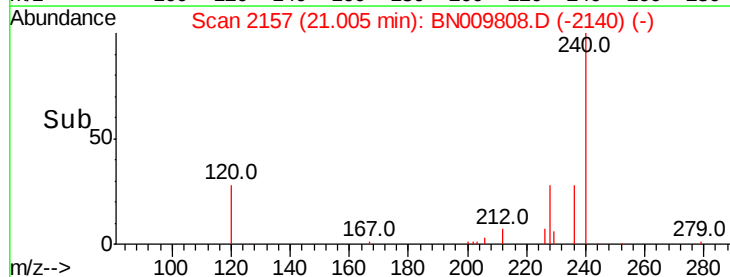
229 37.4 17.1 25.7#

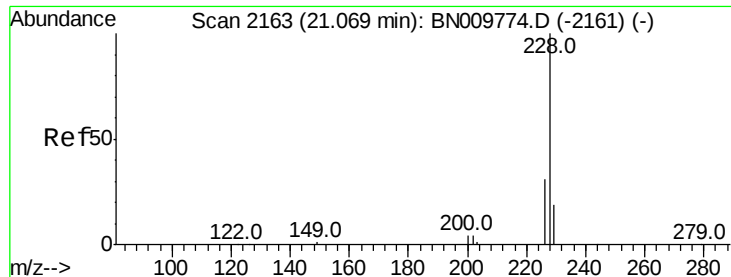


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.025 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN009808.D

Acq: 21 Feb 2020 15:08

Instrument :

BNA_N

ClientSampleId :

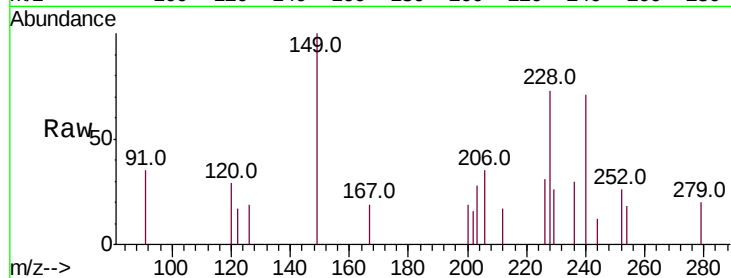
Tot Ion:228 Resp: 476

Ion Ratio Lower Upper

228 100

226 42.5 24.8 37.2#

229 35.0 16.4 24.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.06

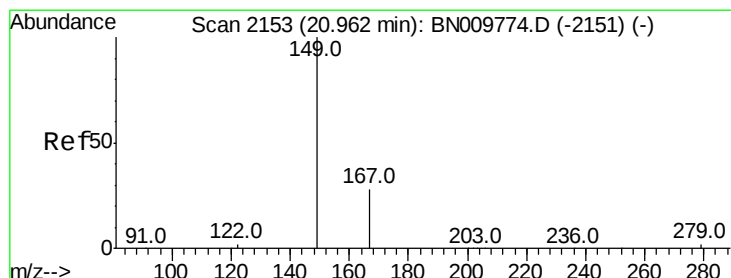
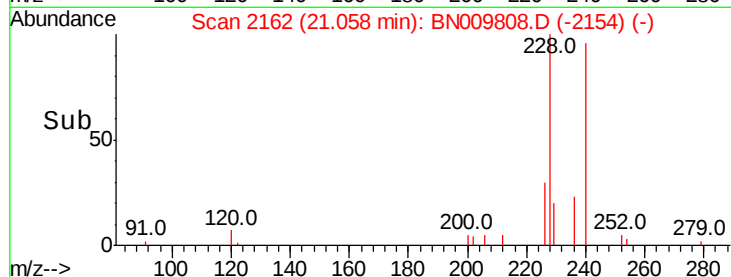
300

200

100

0

Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.252 ng

RT: 20.95 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BN009808.D

Acq: 21 Feb 2020 15:08

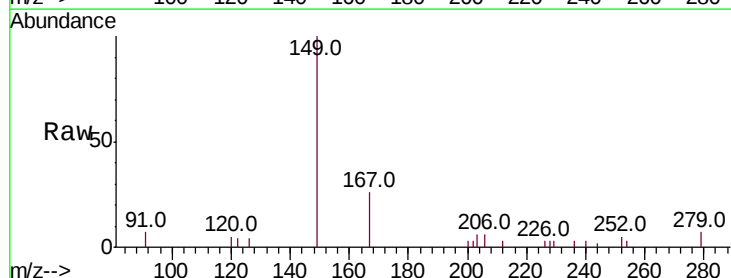
Tgt Ion:149 Resp: 2019

Ion Ratio Lower Upper

149 100

167 26.3 22.7 34.1

279 4.0 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

20.95

2500

2000

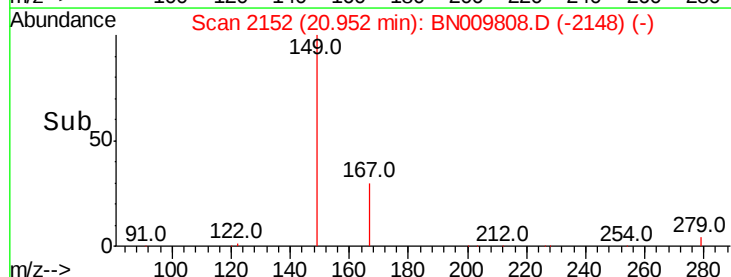
1500

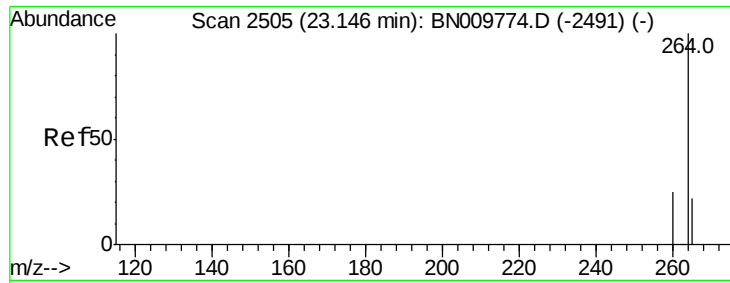
1000

500

0

Time-->

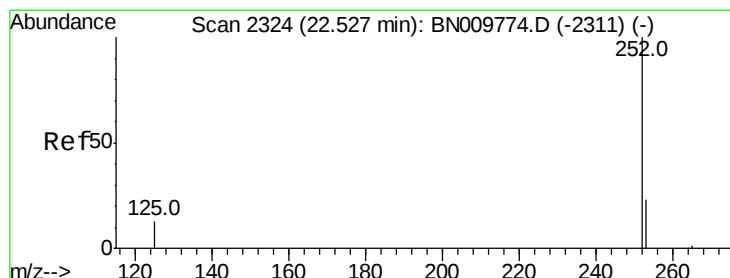
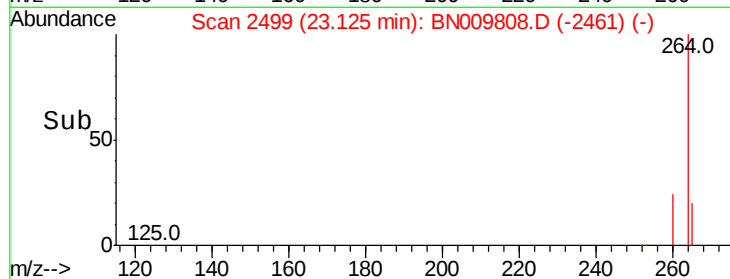
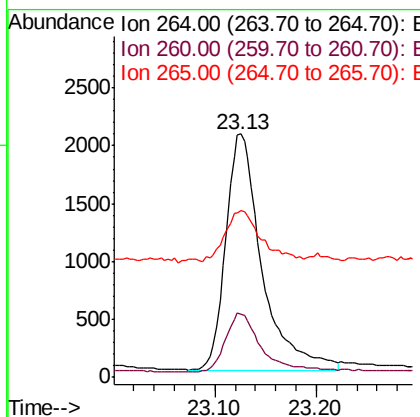
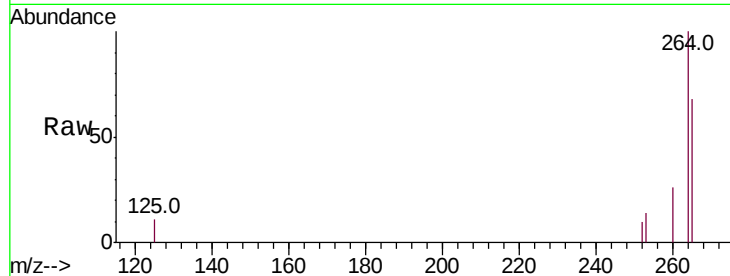




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2499
Delta R.T. -0.02 min
Lab File: BN009808.D
Acq: 21 Feb 2020 15:08

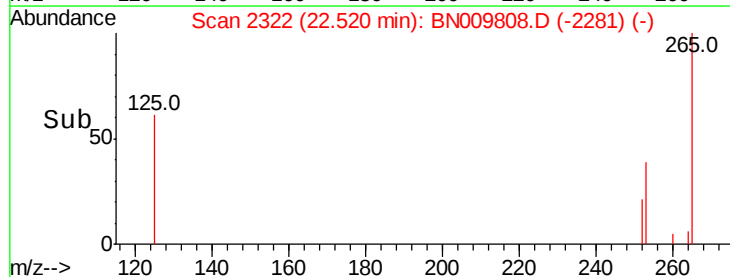
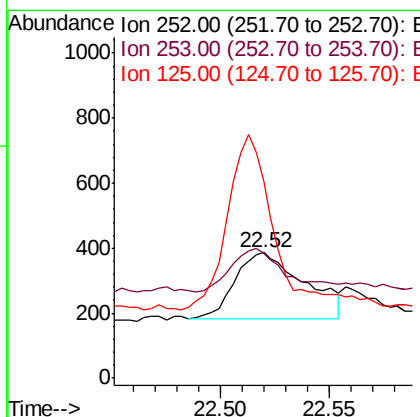
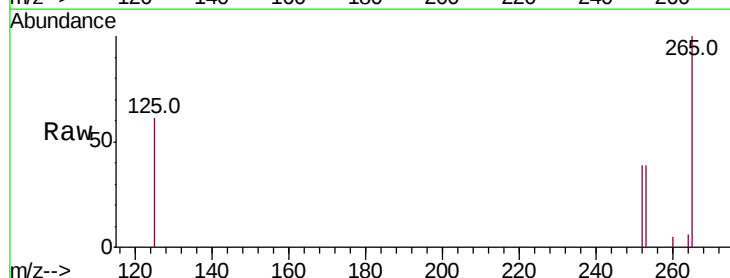
Instrument :
BNA_N
ClientSampleId :

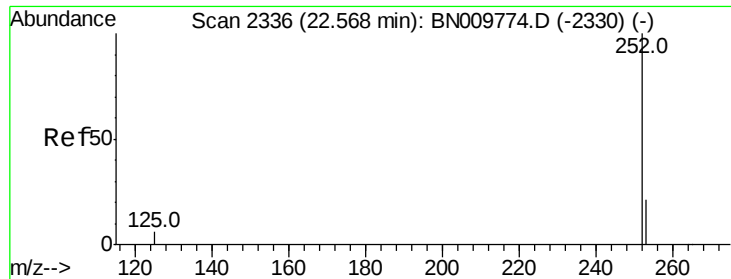
Tot Ion:264 Resp: 5063
Ion Ratio Lower Upper
264 100
260 26.1 21.1 31.7
265 68.3 57.5 86.3



#35
Benzo(b)fluoranthene
Concen: 0.024 ng
RT: 22.52 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BN009808.D
Acq: 21 Feb 2020 15:08

Tgt Ion:252 Resp: 451
Ion Ratio Lower Upper
252 100
253 99.2 23.0 34.6#
125 157.0 14.4 21.6#





#36

Benzo(k)fluoranthene

Concen: 0.022 ng

RT: 22.52 min Scan# 2322

Delta R.T. -0.05 min

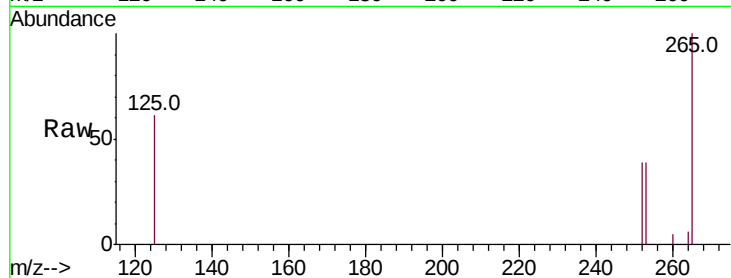
Lab File: BN009808.D

Acq: 21 Feb 2020 15:08

Instrument :

BNA_N

ClientSampleId :



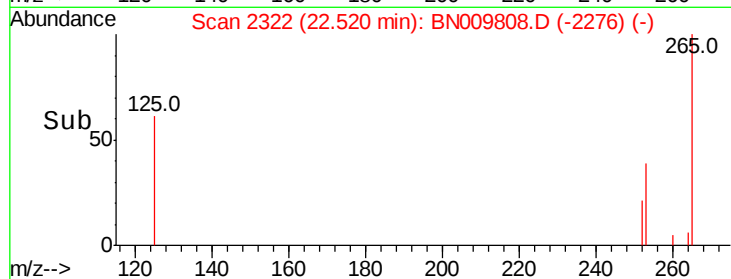
Tot Ion: 252 Resp: 451

Ion Ratio Lower Upper

252 100

253 99.2 22.2 33.2#

125 157.0 10.5 15.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

