

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011620\
 Data File : BN009388.D
 Acq On : 16 Jan 2020 17:32
 Operator : JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 16 18:08:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 09:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1638	0.40	ng	0.00
7) Naphthalene-d8	10.22	136	5801	0.40	ng	-0.01
13) Acenaphthene-d10	14.10	164	3563	0.40	ng	-0.01
19) Phenanthrene-d10	16.85	188	7712	0.40	ng	-0.01
27) Chrysene-d12	21.06	240	6670	0.40	ng	-0.01
34) Perylene-d12	23.19	264	6773	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	1555	0.41	ng	0.00
5) Phenol-d6	6.67	99	1856	0.43	ng	0.00
8) Nitrobenzene-d5	8.62	82	1796	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	11.82	152	4398	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.61	330	487	0.36	ng	-0.01
15) 2-Fluorobiphenyl	12.73	172	5386	0.40	ng	0.00
25) Fluoranthene-d10	18.90	212	10100	0.38	ng	0.00
29) Terphenyl-d14	19.51	244	6446	0.41	ng	0.00

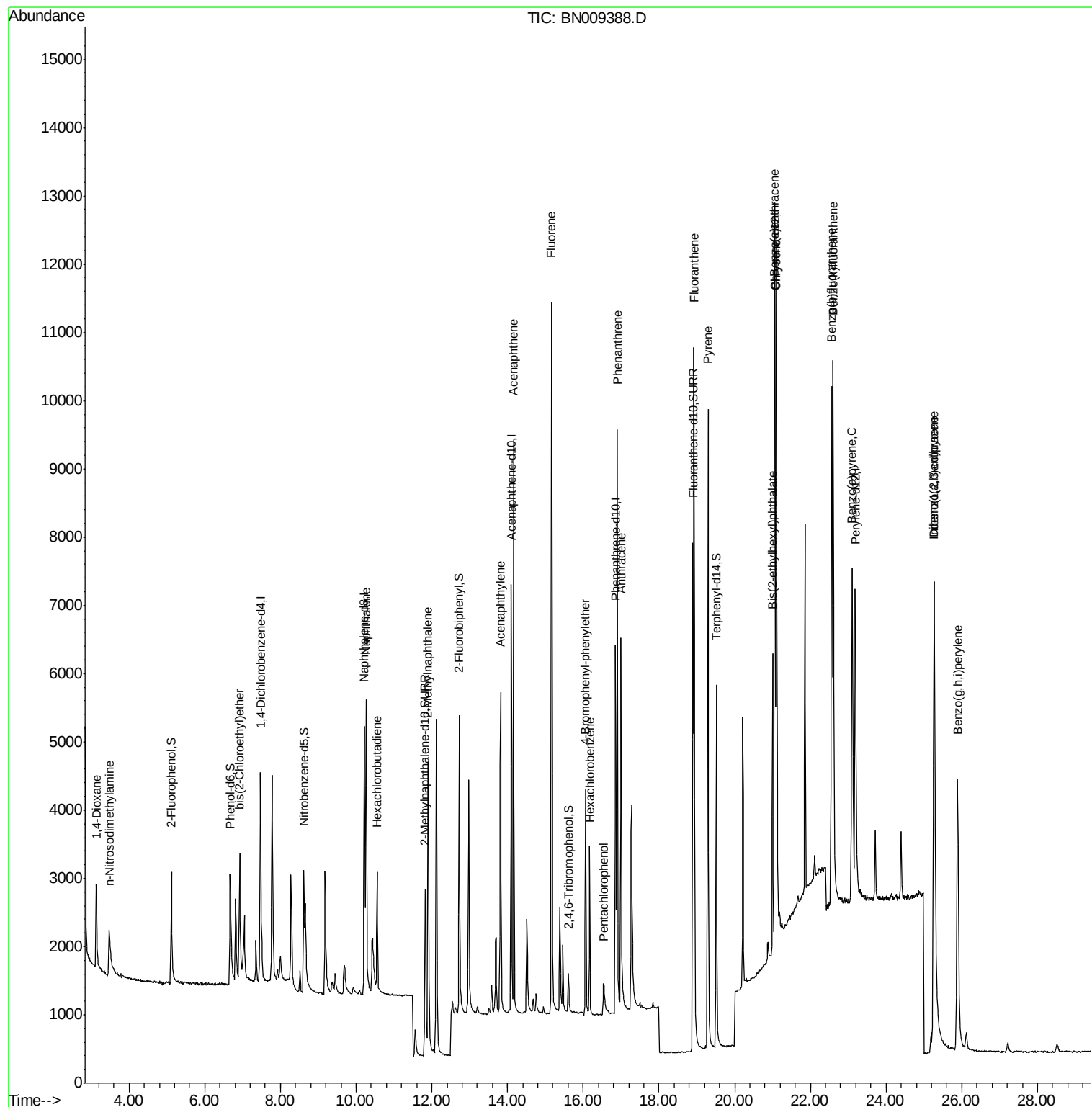
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.14	88	679	0.397	ng	97
3) n-Nitrosodimethylamine	3.47	42	992	0.376	ng	95
6) bis(2-Chloroethyl)ether	6.92	93	1681	0.374	ng	98
9) Naphthalene	10.27	128	6301	0.401	ng	99
10) Hexachlorobutadiene	10.56	225	1383	0.402	ng	# 97
12) 2-Methylnaphthalene	11.90	142	4304	0.393	ng	99
16) Acenaphthylene	13.82	152	5743	0.374	ng	100
17) Acenaphthene	14.16	154	4315	0.399	ng	98
18) Fluorene	15.16	166	5555	0.394	ng	99
20) 4-Bromophenyl-phenylether	16.06	248	1823	0.393	ng	# 89
21) Hexachlorobenzene	16.17	284	1871	0.378	ng	100
22) Pentachlorophenol	16.55	266	422	0.388	ng	96
23) Phenanthrene	16.90	178	9103	0.393	ng	100
24) Anthracene	16.99	178	7343	0.377	ng	99
26) Fluoranthene	18.93	202	10332	0.380	ng	99
28) Pyrene	19.29	202	10461	0.414	ng	100
30) Benzo(a)anthracene	21.05	228	8512	0.388	ng	99
31) Chrysene	21.10	228	10125	0.404	ng	99
32) Bis(2-ethylhexyl)phthalate	21.01	149	3664	0.378	ng	99
33) Indeno(1,2,3-cd)pyrene	25.26	276	10904	0.418	ng	100
35) Benzo(b)fluoranthene	22.56	252	9355	0.376	ng	98
36) Benzo(k)fluoranthene	22.60	252	11561	0.420	ng	100
37) Benzo(a)pyrene	23.10	252	8866	0.404	ng	# 95
38) Dibenzo(a,h)anthracene	25.28	278	8572	0.389	ng	98
39) Benzo(g,h,i)perylene	25.90	276	9498	0.391	ng	100

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011620\
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
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Quant Time: Jan 16 18:08:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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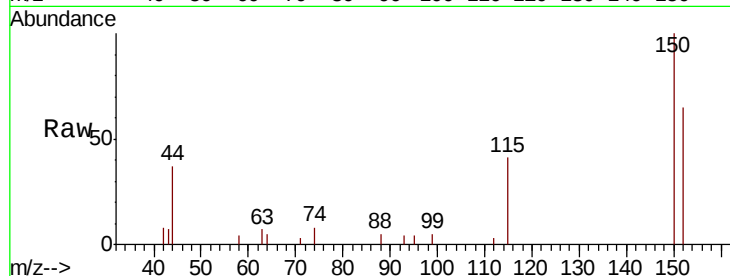


#1

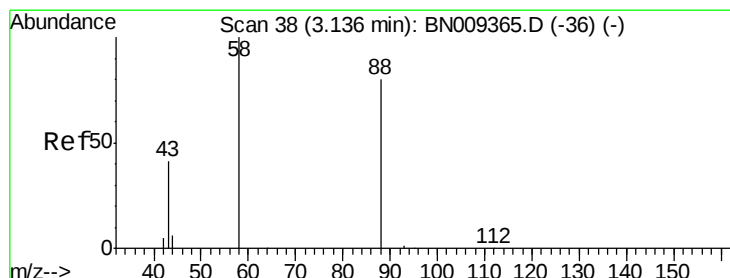
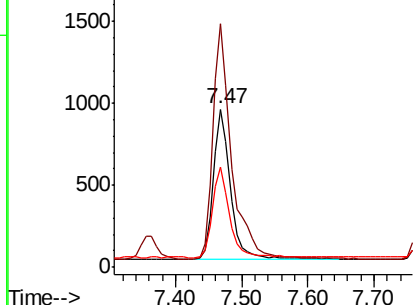
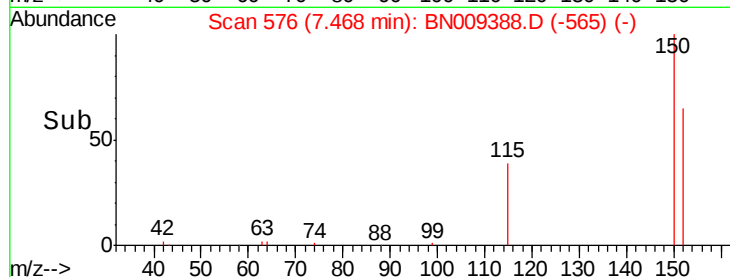
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BN009388.D
Acq: 16 Jan 2020 17:32

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1638
Ion Ratio Lower Upper
152 100
150 154.1 125.7 188.5
115 63.7 53.3 79.9



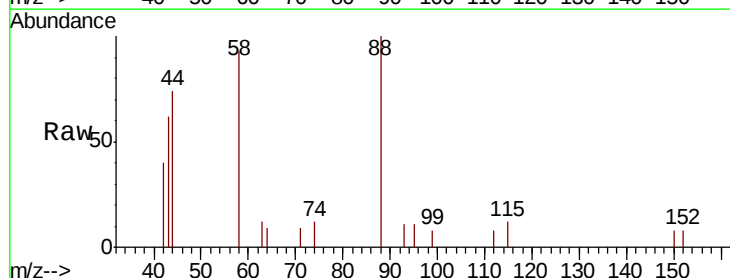
Abundance Ion 152.00 (151.70 to 152.70): E
2000 Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



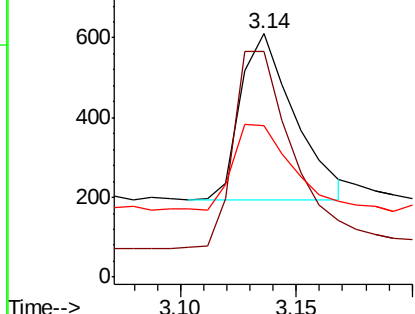
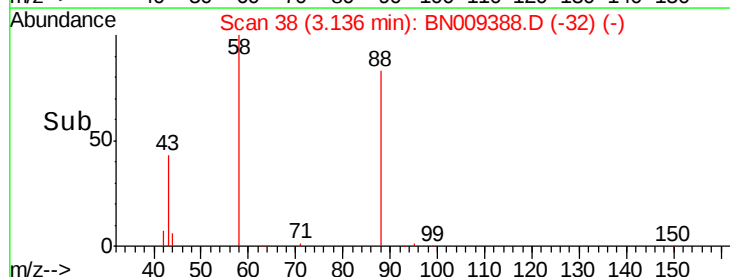
#2

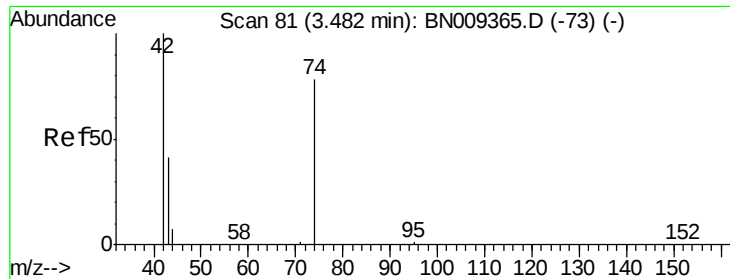
1,4-Dioxane
Concen: 0.397 ng
RT: 3.14 min Scan# 38
Delta R.T. -0.00 min
Lab File: BN009388.D
Acq: 16 Jan 2020 17:32

Tgt Ion: 88 Resp: 679
Ion Ratio Lower Upper
88 100
58 129.6 100.2 150.2
43 54.1 43.1 64.7



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

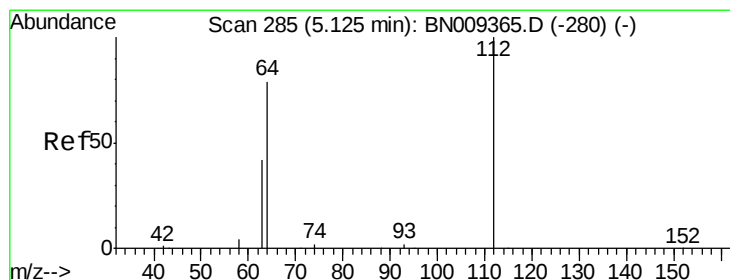
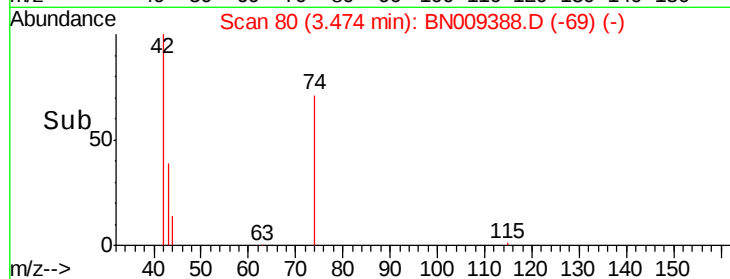
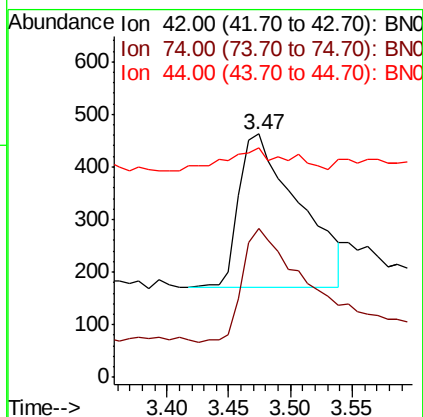
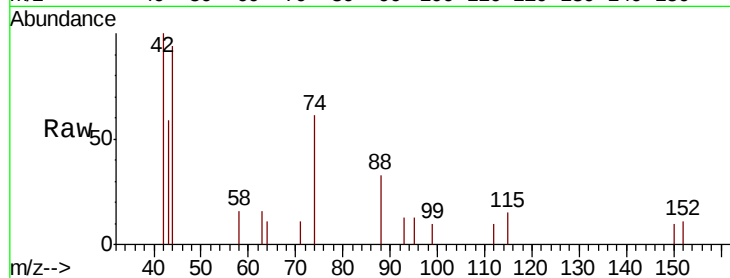




#3
 n-Nitrosodimethylamine
 Concen: 0.376 ng
 RT: 3.47 min Scan# 80
 Delta R.T. -0.01 min
 Lab File: BN009388.D
 Acq: 16 Jan 2020 17:32

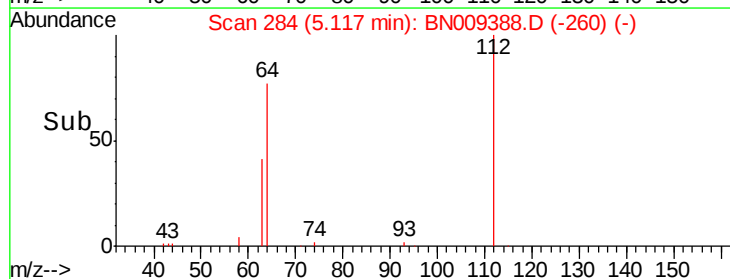
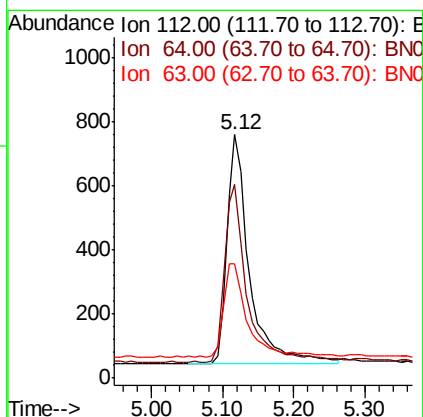
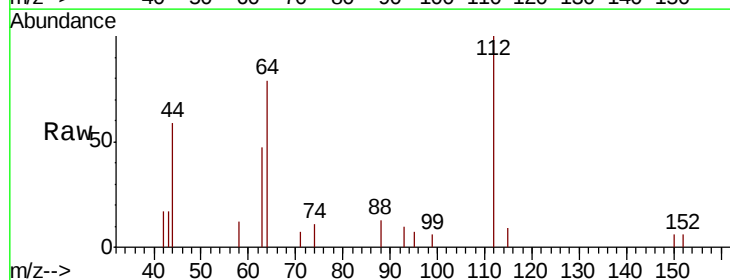
Instrument :
 BNA_N
 ClientSampleId :

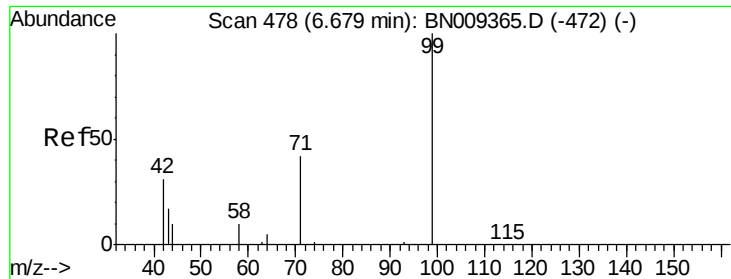
Tot Ion:	42	Resp:	992
Ion	Ratio	Lower	Upper
42	100		
74	74.0	55.8	83.8
44	15.1	11.1	16.7



#4
 2-Fluorophenol
 Concen: 0.412 ng
 RT: 5.12 min Scan# 284
 Delta R.T. -0.01 min
 Lab File: BN009388.D
 Acq: 16 Jan 2020 17:32

Tgt Ion:	112	Resp:	1555
Ion	Ratio	Lower	Upper
112	100		
64	78.3	61.5	92.3
63	43.2	35.0	52.4





#5

Phenol-d6

Concen: 0.425 ng

RT: 6.67 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

Instrument :

BNA_N

ClientSampled :

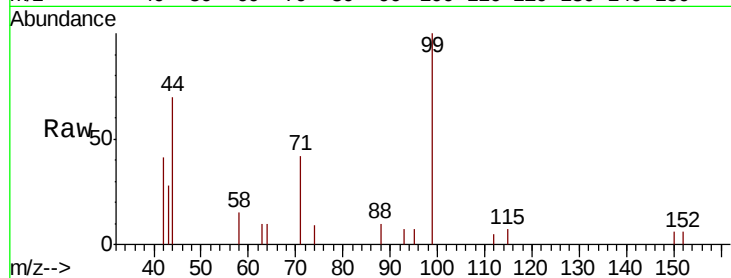
Tot Ion: 99 Resp: 1856

Ion Ratio Lower Upper

99 100

42 34.9 27.6 41.4

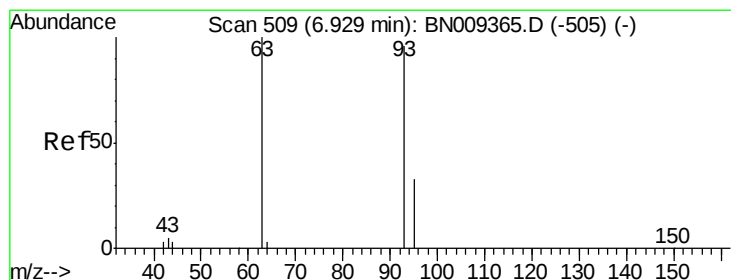
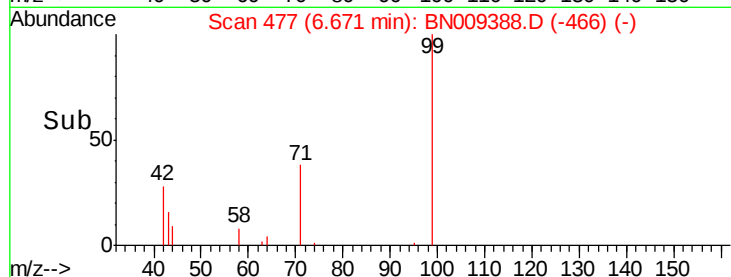
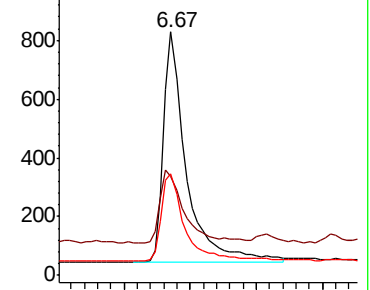
71 39.9 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BN009365.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN009365.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN009365.D (-472) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.374 ng

RT: 6.92 min Scan# 508

Delta R.T. -0.01 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

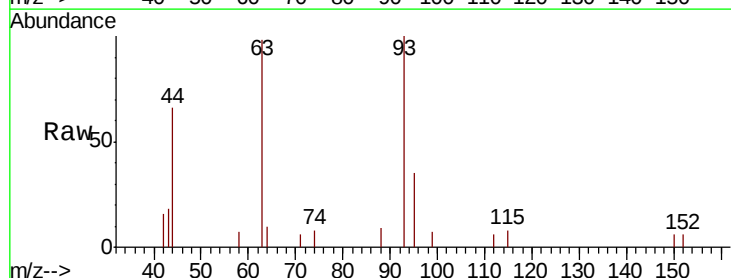
Tgt Ion: 93 Resp: 1681

Ion Ratio Lower Upper

93 100

63 104.3 85.1 127.7

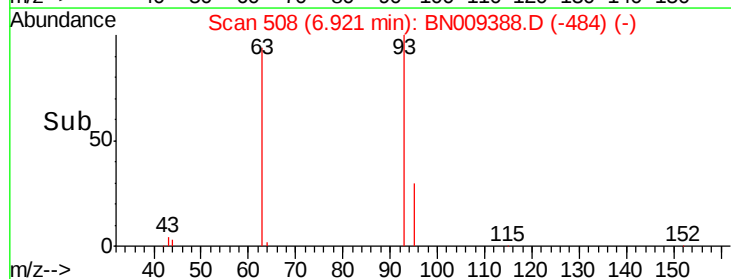
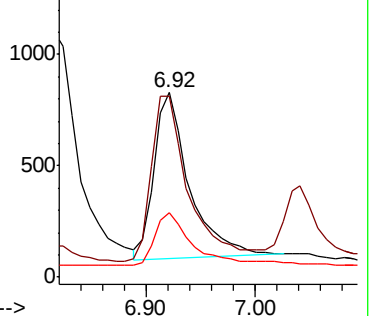
95 36.9 30.2 45.4

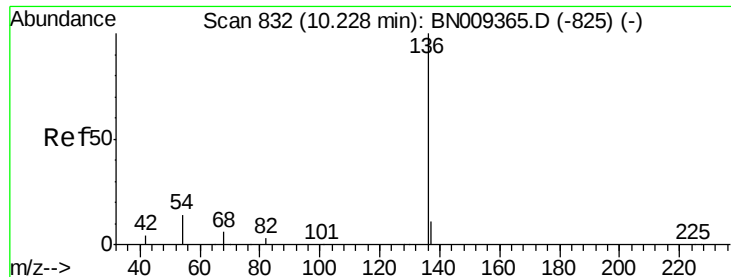


Abundance Ion 93.00 (92.70 to 93.70): BN009365.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN009365.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN009365.D (-505) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 831

Delta R.T. -0.01 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 5801

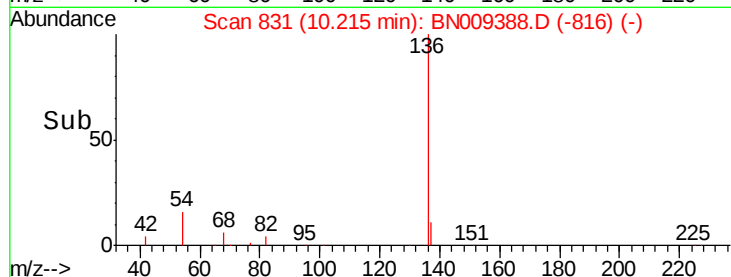
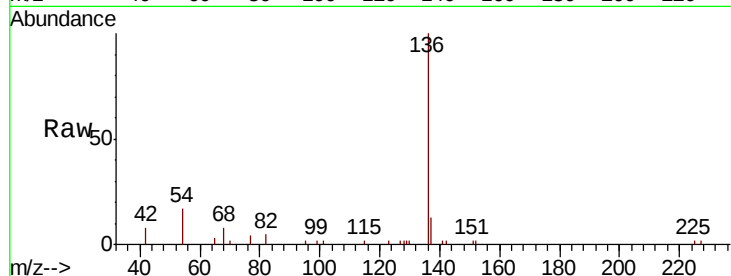
Ion Ratio Lower Upper

136 100

137 12.6 10.3 15.5

54 17.3 12.6 19.0

68 8.1 6.5 9.7

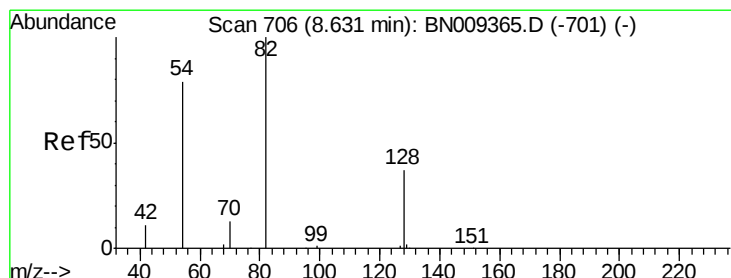
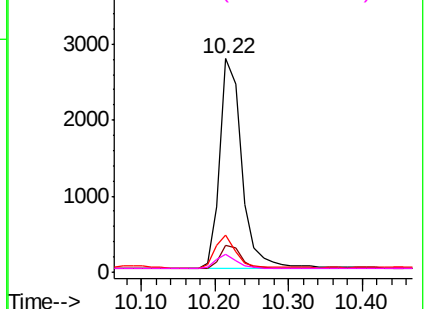


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.388 ng

RT: 8.62 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

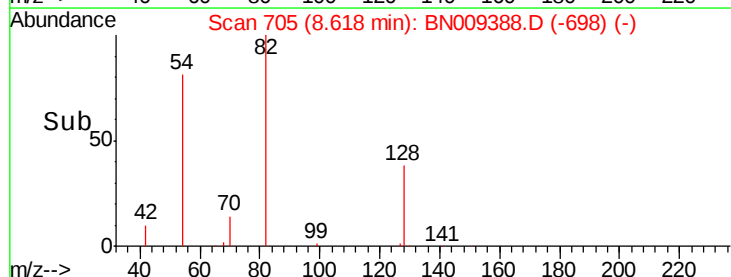
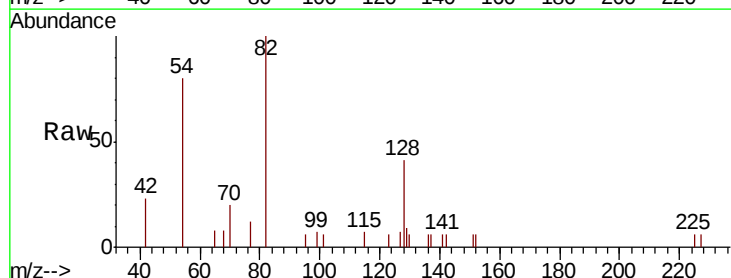
Tgt Ion: 82 Resp: 1796

Ion Ratio Lower Upper

82 100

128 41.2 34.8 52.2

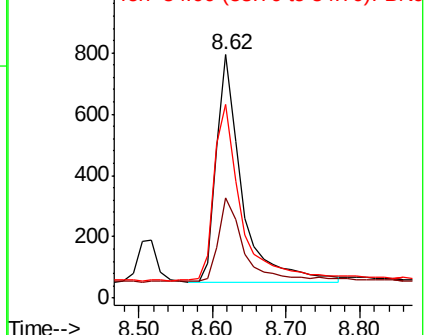
54 79.6 65.8 98.6

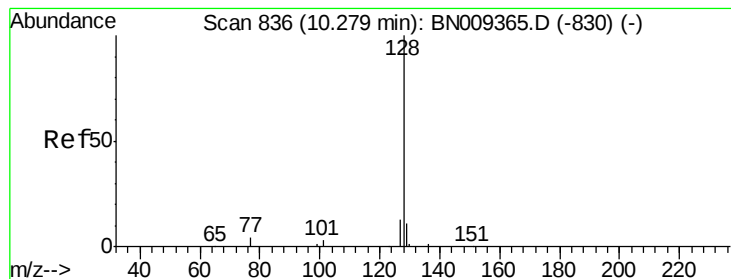


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.401 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.01 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

Instrument :

BNA_N

ClientSampleId :

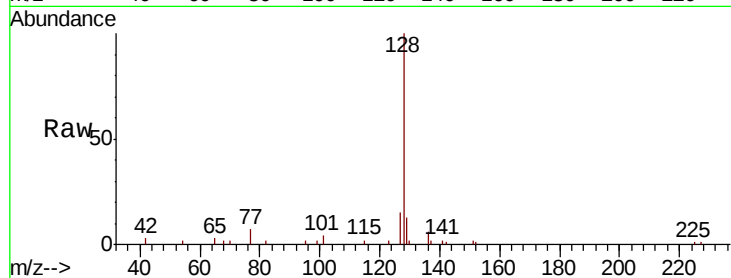
Tot Ion:128 Resp: 6301

Ion Ratio Lower Upper

128 100

129 12.7 10.4 15.6

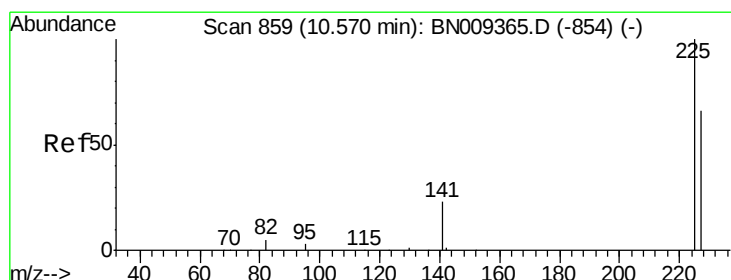
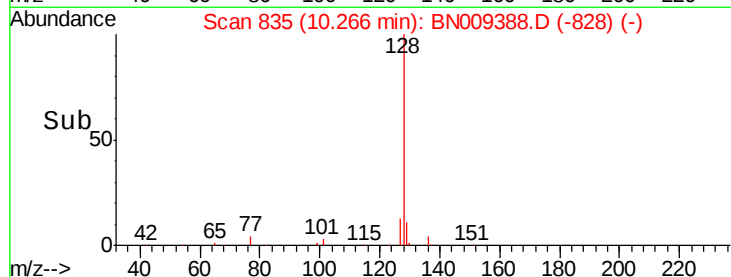
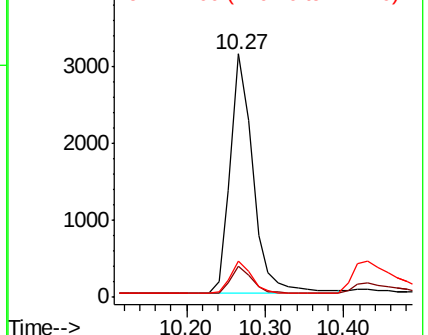
127 14.7 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.402 ng

RT: 10.56 min Scan# 858

Delta R.T. -0.01 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

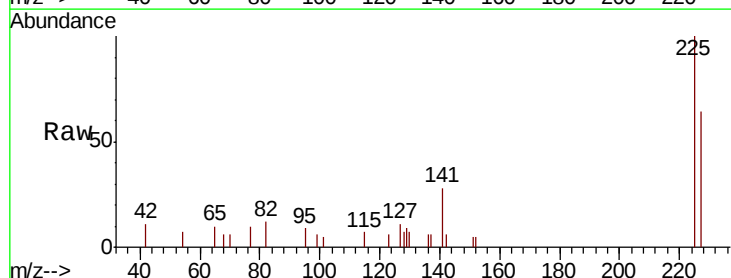
Tgt Ion:225 Resp: 1383

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

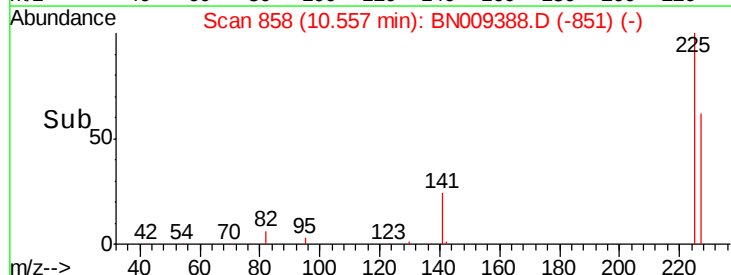
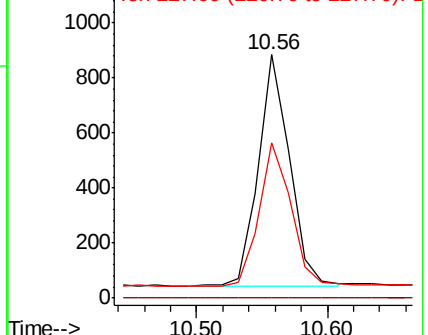
227 63.1 52.6 78.8

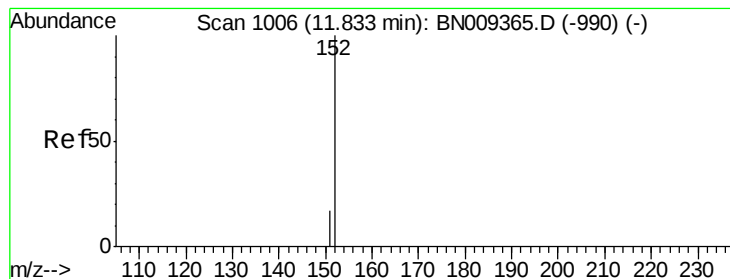


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.392 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

Instrument :

BNA_N

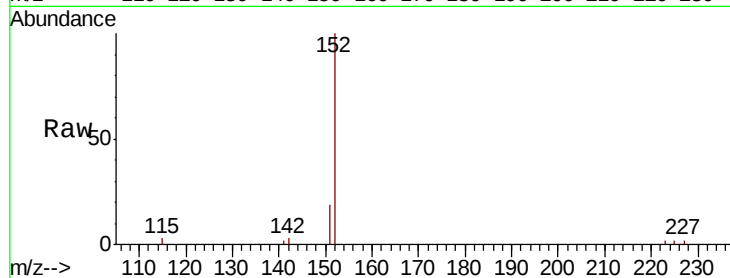
ClientSampleId :

Tot Ion:152 Resp: 4398

Ion Ratio Lower Upper

152 100

151 18.7 14.8 22.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

1500

1000

500

0

11.82

11.80

11.82

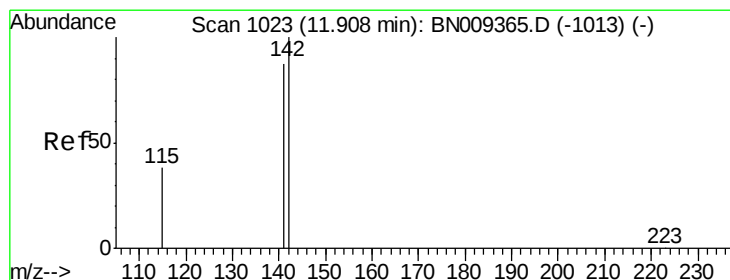
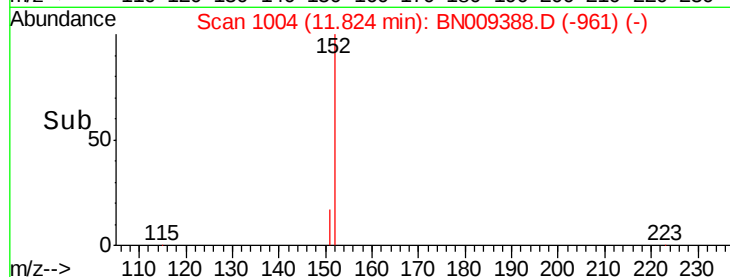
11.84

11.86

11.88

11.90

Time-->



#12

2-Methylnaphthalene

Concen: 0.393 ng

RT: 11.90 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

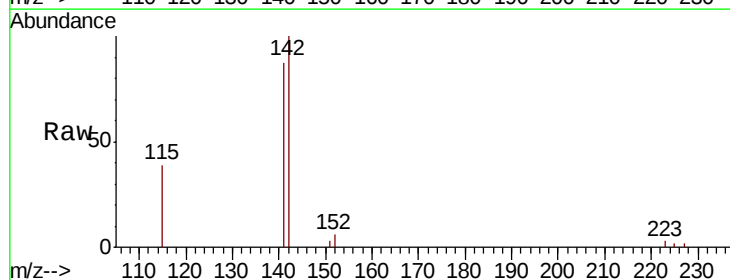
Tgt Ion:142 Resp: 4304

Ion Ratio Lower Upper

142 100

141 87.1 69.8 104.6

115 39.0 32.5 48.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

3000

2500

2000

1500

1000

500

0

11.90

11.88

11.90

11.92

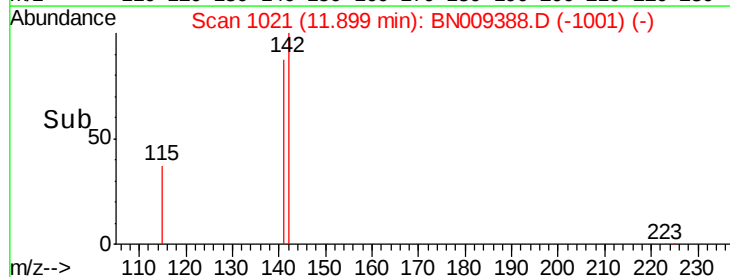
11.94

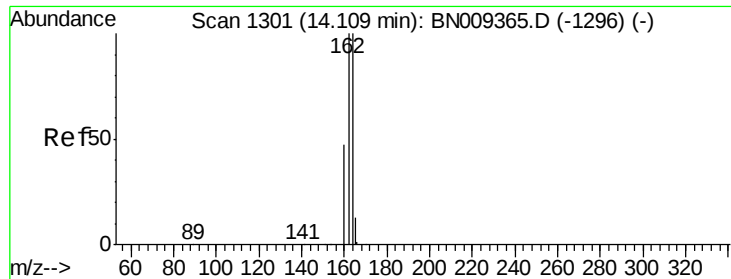
11.96

11.98

12.00

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

Instrument :

BNA_N

ClientSampleId :

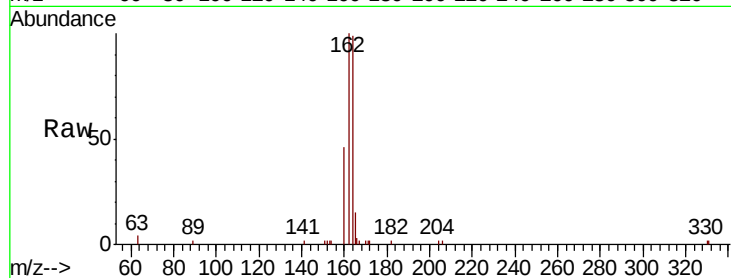
Tot Ion:164 Resp: 3563

Ion Ratio Lower Upper

164 100

162 100.7 79.8 119.6

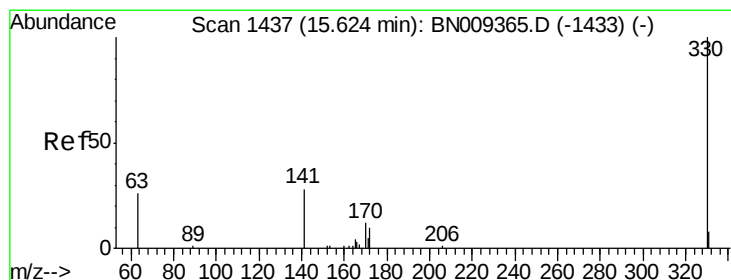
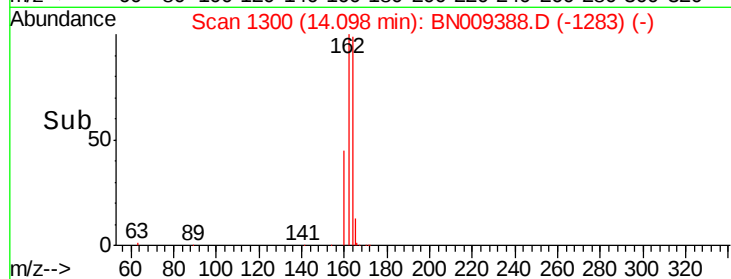
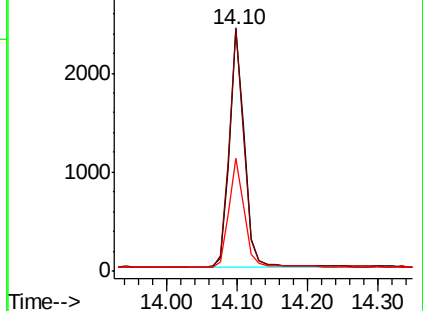
160 46.7 38.4 57.6



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: 0.361 ng

RT: 15.61 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

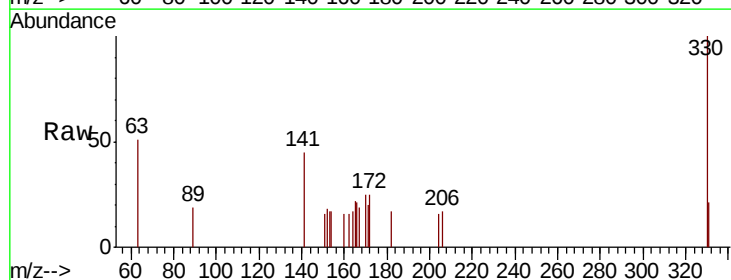
Tgt Ion:330 Resp: 487

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

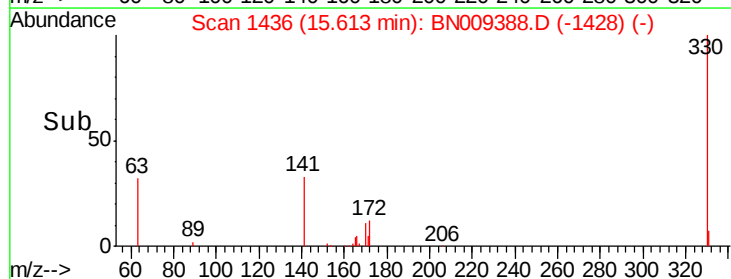
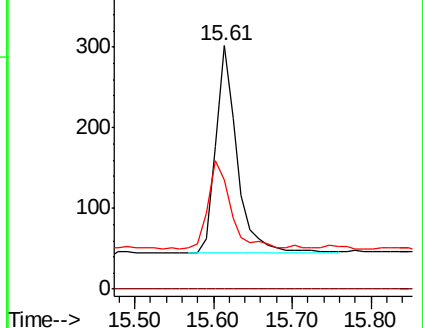
141 44.8 33.1 49.7

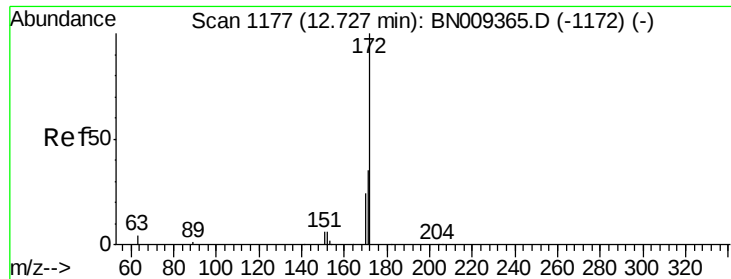


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

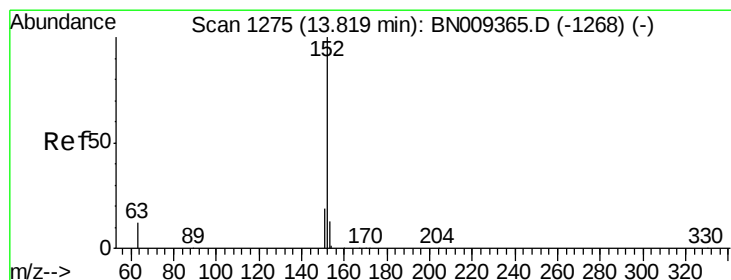
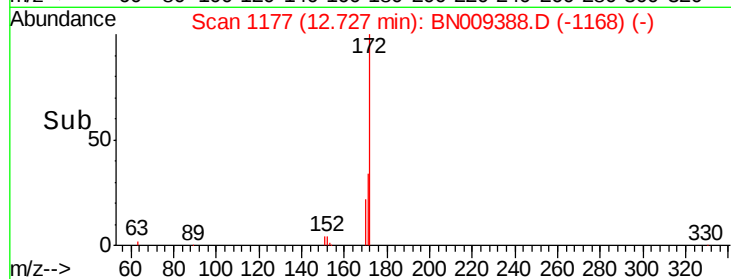
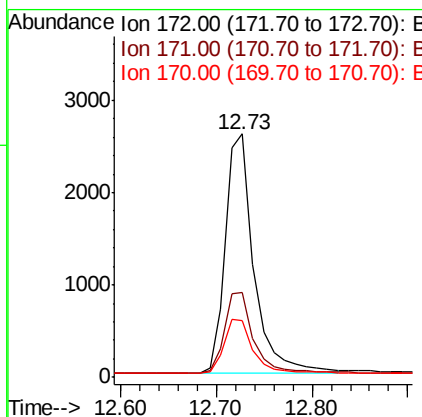
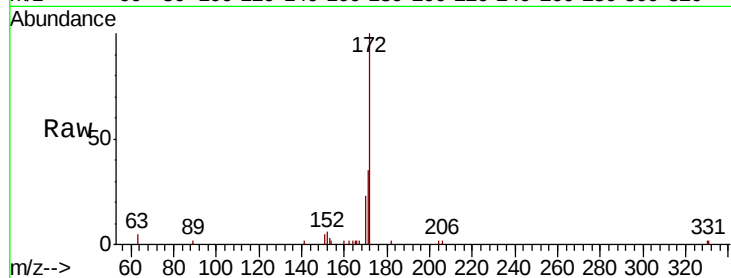




#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.73 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BN009388.D
Acq: 16 Jan 2020 17:32

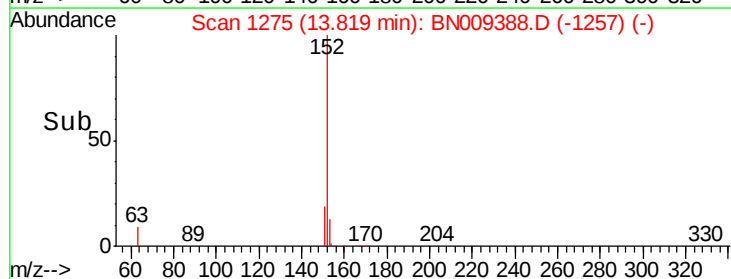
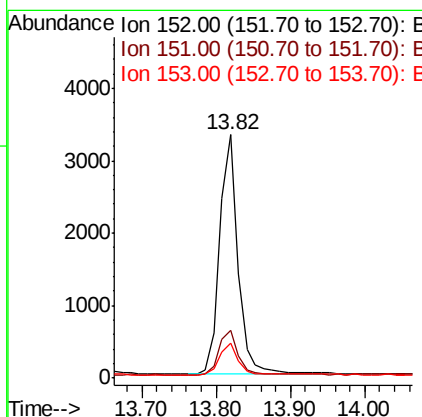
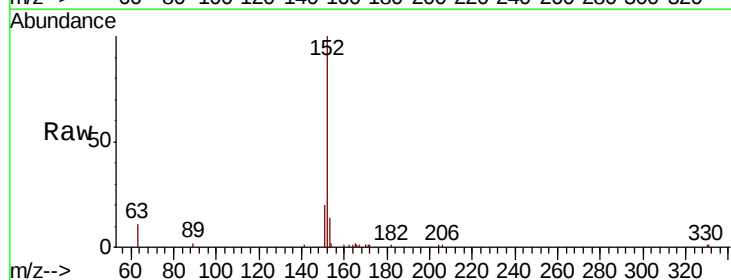
Instrument :
BNA_N
ClientSampleId :

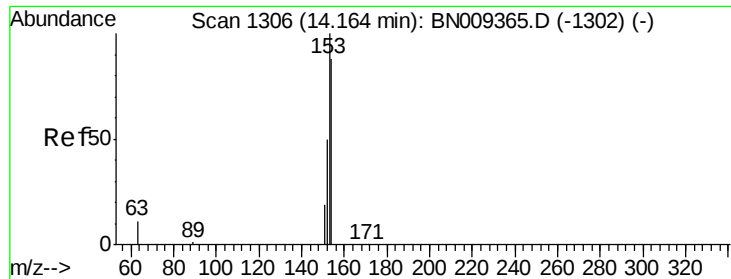
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.5	44.3
170	23.2	20.7	31.1



#16
Acenaphthylene
Concen: 0.374 ng
RT: 13.82 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BN009388.D
Acq: 16 Jan 2020 17:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2
153	12.8	10.4	15.6





#17

Acenaphthene

Concen: 0.399 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

Instrument :

BNA_N

ClientSampleId :

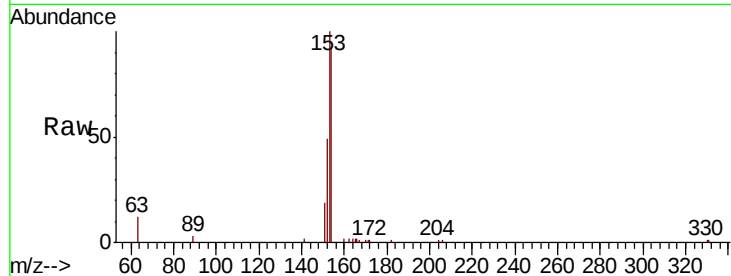
Tot Ion:154 Resp: 4315

Ion Ratio Lower Upper

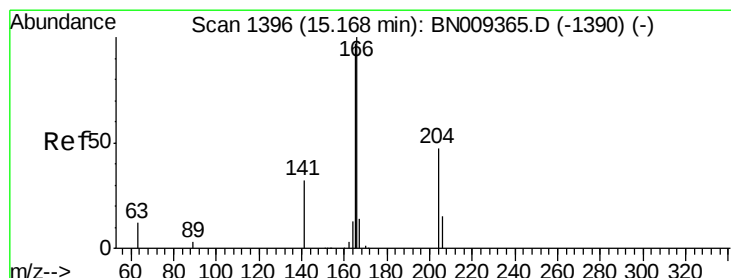
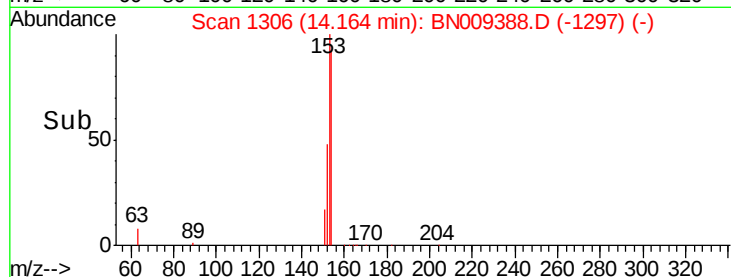
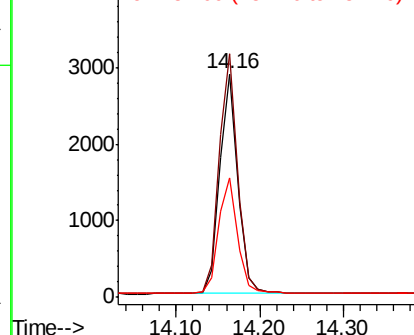
154 100

153 111.6 90.5 135.7

152 55.1 45.3 67.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.394 ng

RT: 15.16 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

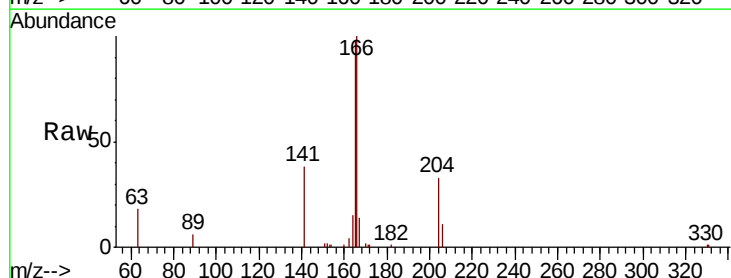
Tgt Ion:166 Resp: 5555

Ion Ratio Lower Upper

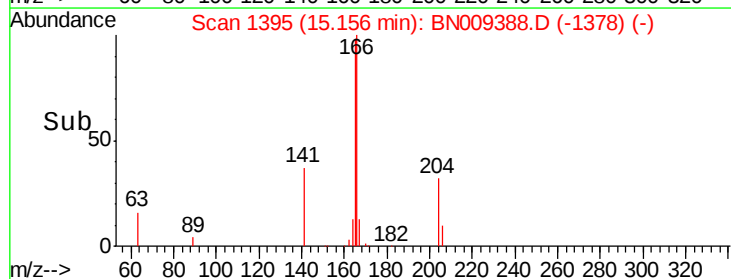
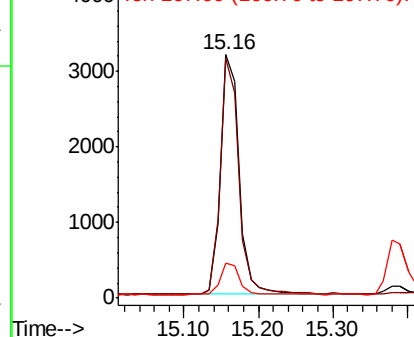
166 100

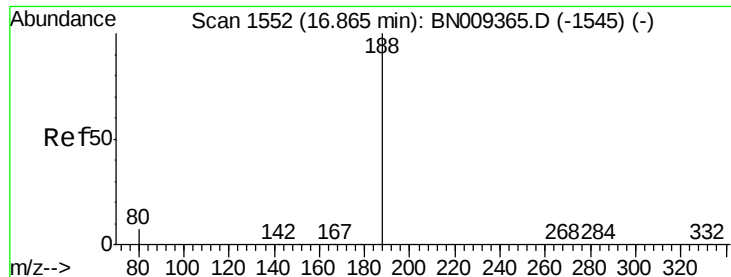
165 97.0 78.2 117.2

167 13.3 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.85 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

Instrument :

BNA_N

ClientSampleId :

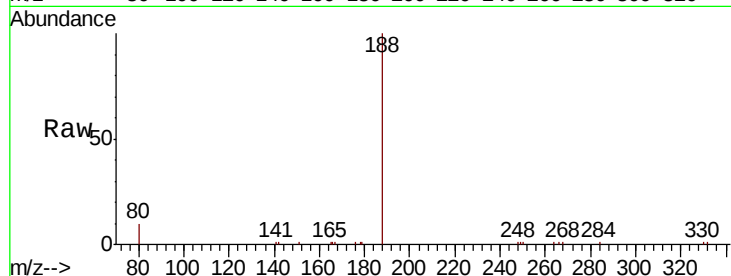
Tot Ion:188 Resp: 7712

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

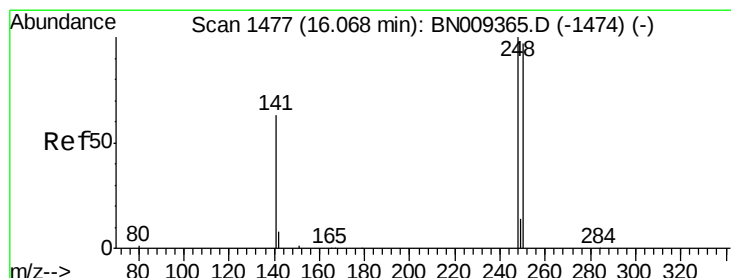
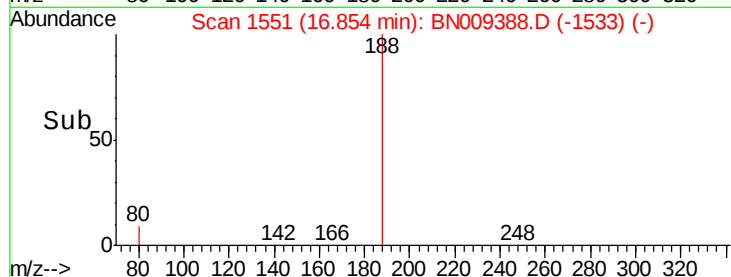
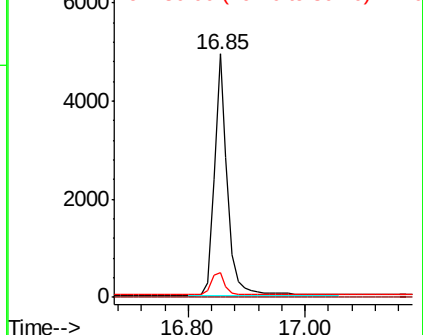
80 10.1 6.6 10.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.393 ng

RT: 16.06 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

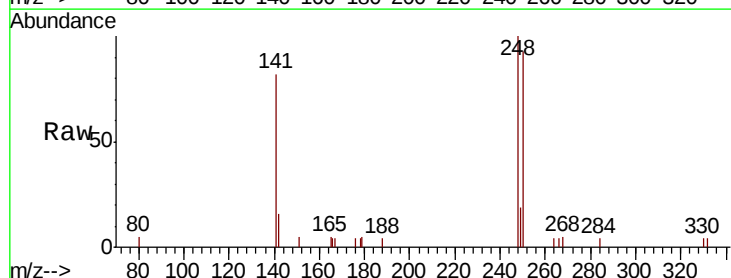
Tgt Ion:248 Resp: 1823

Ion Ratio Lower Upper

248 100

250 92.9 77.8 116.8

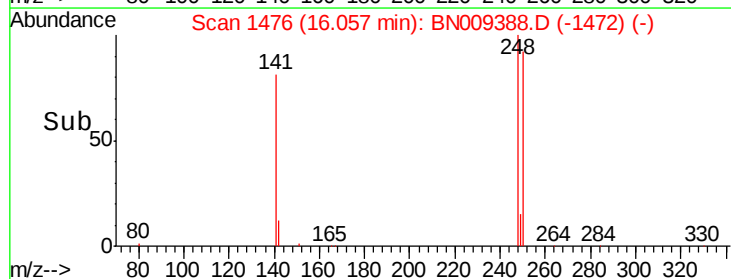
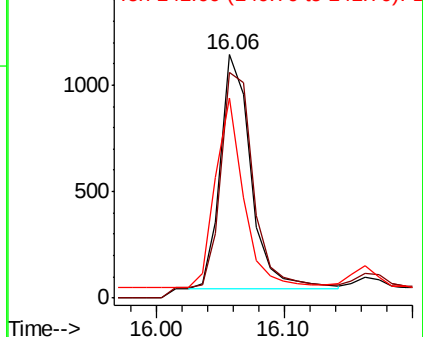
141 82.2 53.4 80.0#

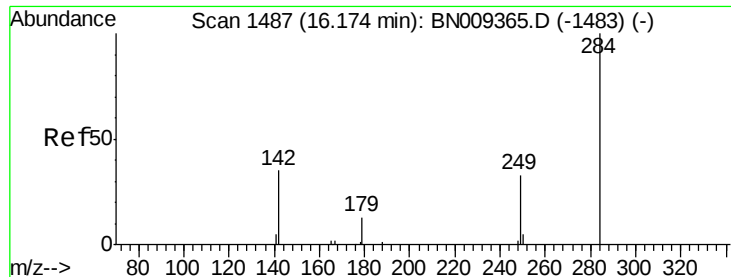


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.378 ng

RT: 16.17 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

Instrument :

BNA_N

ClientSampleId :

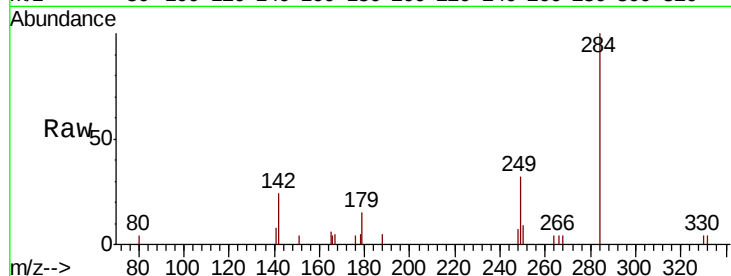
Tot Ion:284 Resp: 1871

Ion Ratio Lower Upper

284 100

142 42.5 33.8 50.8

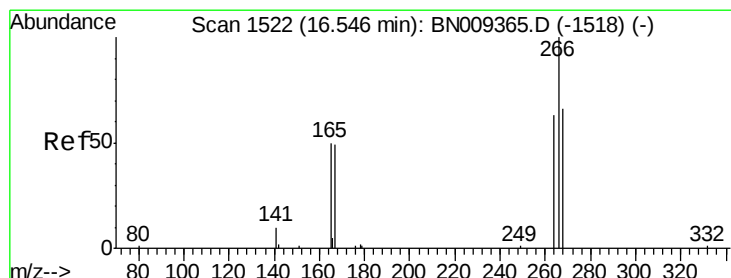
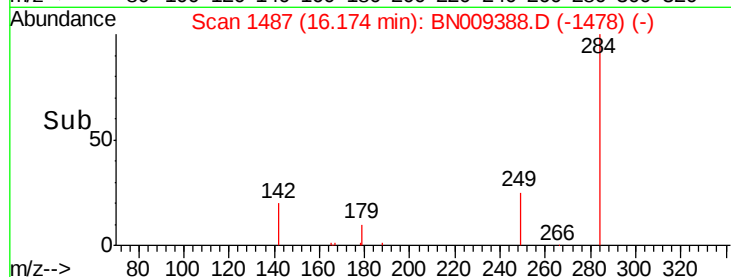
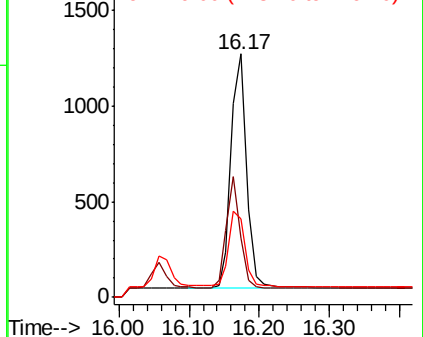
249 33.5 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.388 ng

RT: 16.55 min Scan# 1522

Delta R.T. 0.00 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

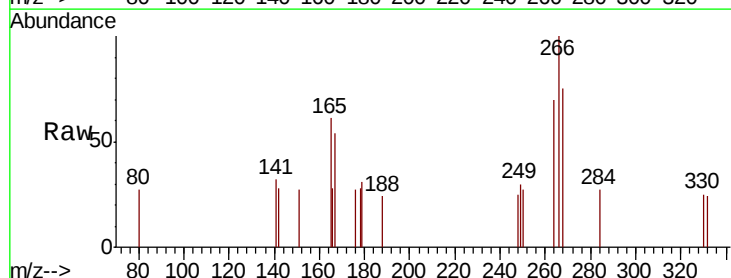
Tgt Ion:266 Resp: 422

Ion Ratio Lower Upper

266 100

264 69.9 57.8 86.6

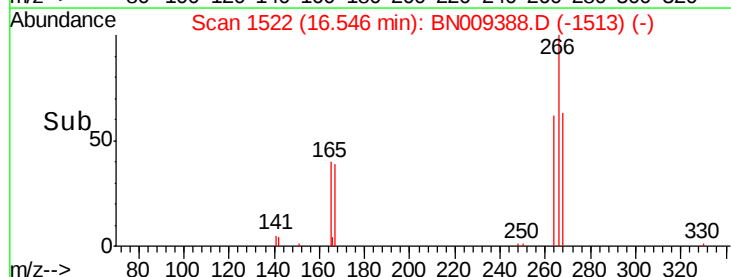
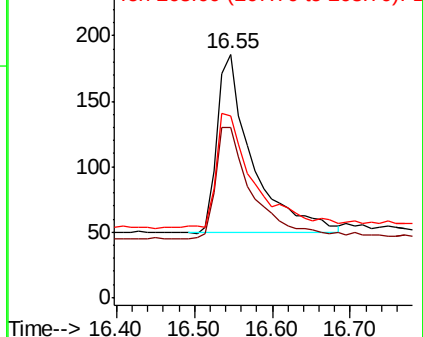
268 74.7 63.8 95.6



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





#23

Phenanthrene

Concen: 0.393 ng

RT: 16.90 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

Instrument :

BNA_N

ClientSampleId :

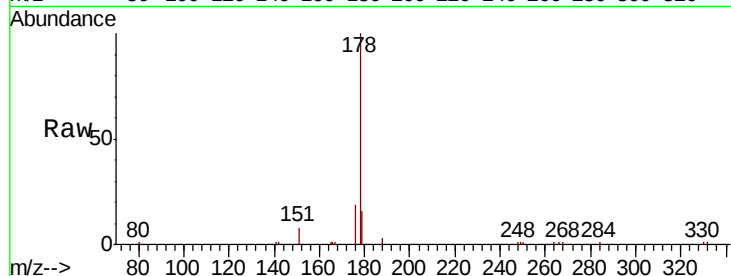
Tot Ion:178 Resp: 9103

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

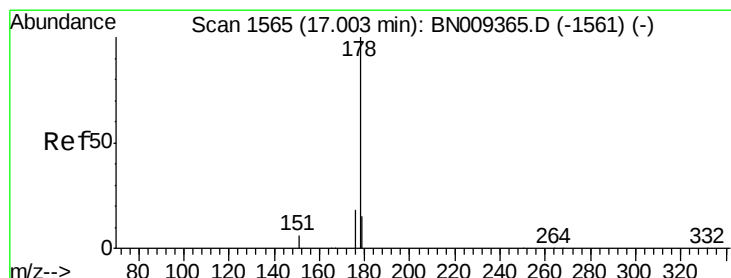
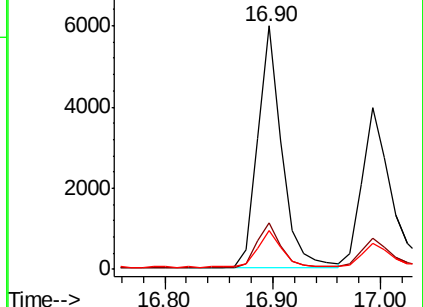
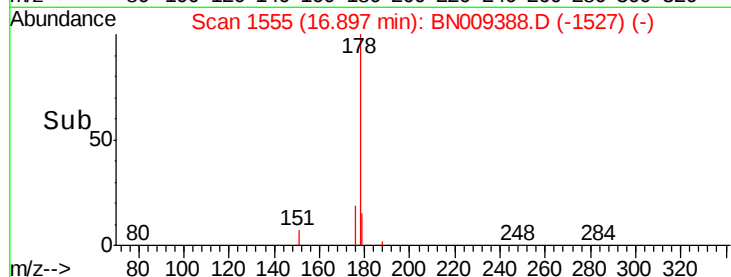
179 15.5 12.3 18.5



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



#24

Anthracene

Concen: 0.377 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

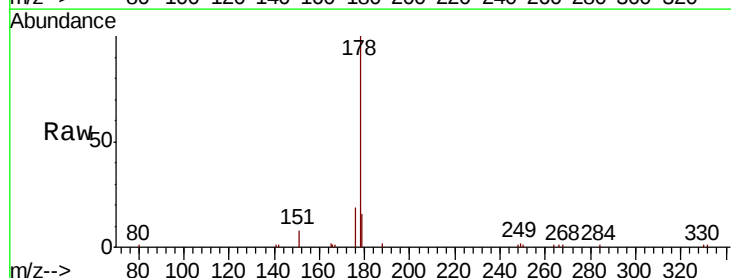
Tgt Ion:178 Resp: 7343

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

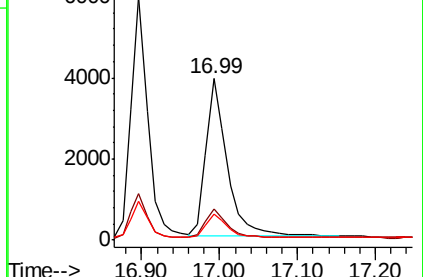
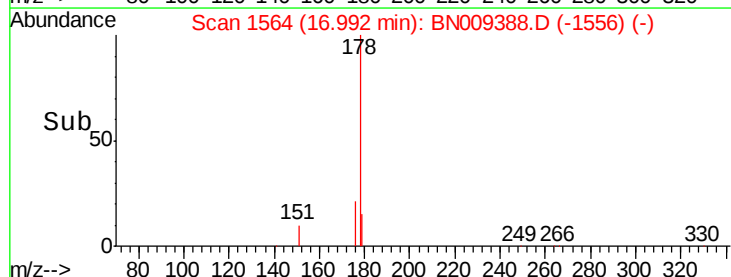
179 15.0 12.5 18.7

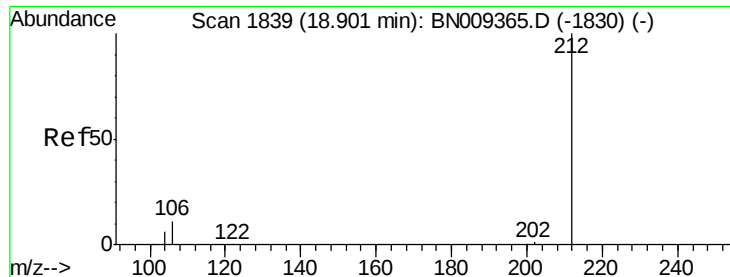


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

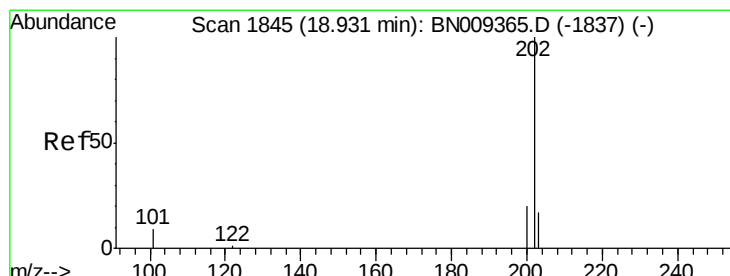
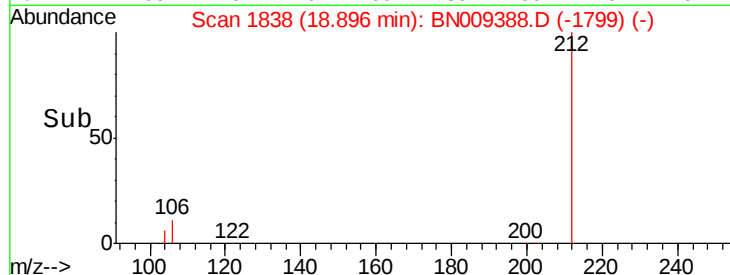
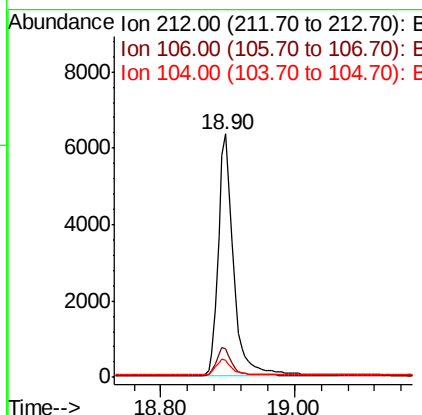
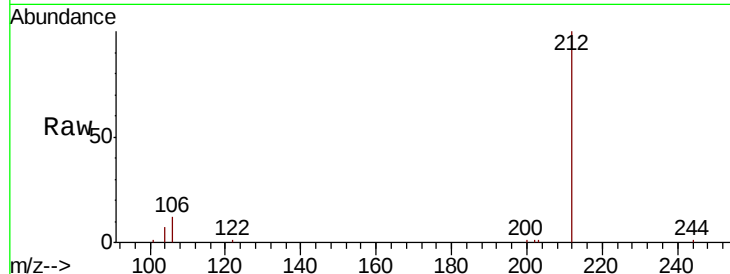




#25
 Fluoranthene-d10
 Concen: 0.382 ng
 RT: 18.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BN009388.D
 Acq: 16 Jan 2020 17:32

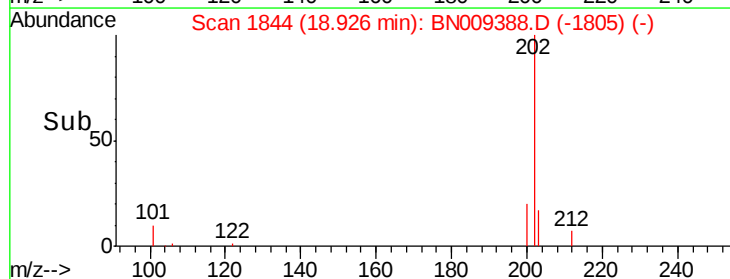
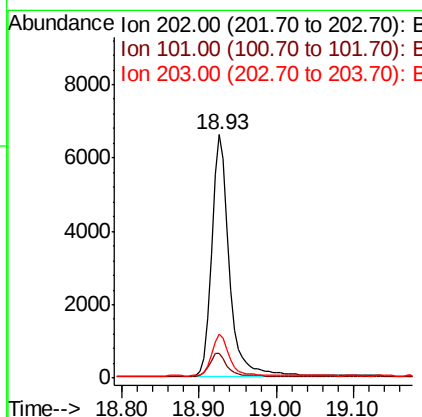
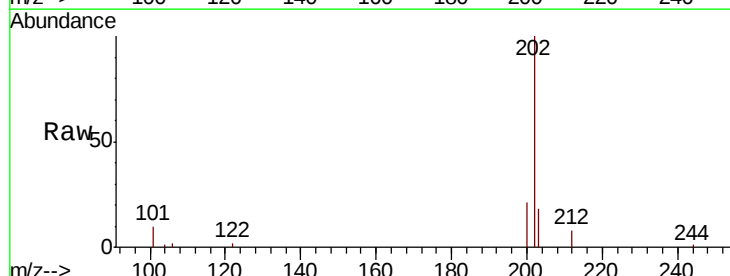
Instrument :
 BNA_N
 ClientSampleId :

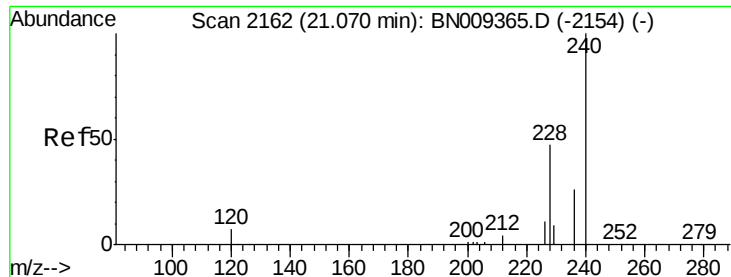
Tot Ion	Ratio	Lower	Upper
212	100		
106	11.6	9.2	13.8
104	6.7	5.4	8.0



#26
 Fluoranthene
 Concen: 0.380 ng
 RT: 18.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BN009388.D
 Acq: 16 Jan 2020 17:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.0	12.0
203	17.1	13.5	20.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.06 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

Instrument :

BNA_N

ClientSampleId :

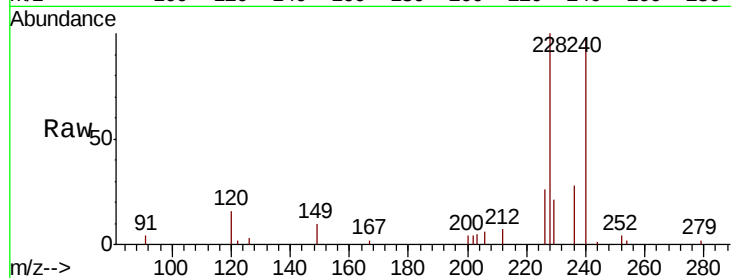
Tot Ion:240 Resp: 6670

Ion Ratio Lower Upper

240 100

120 15.8 8.1 12.1#

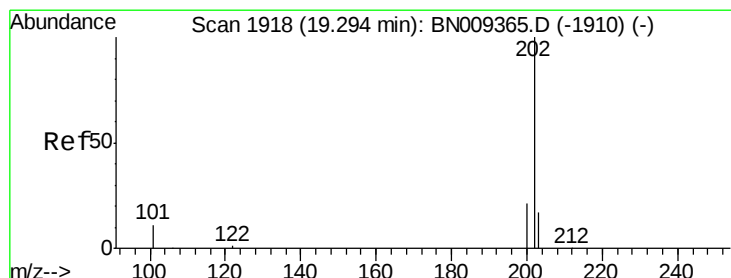
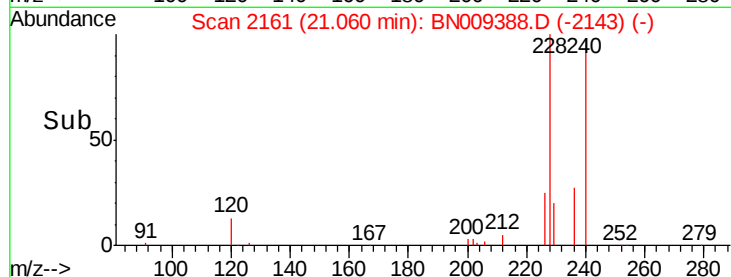
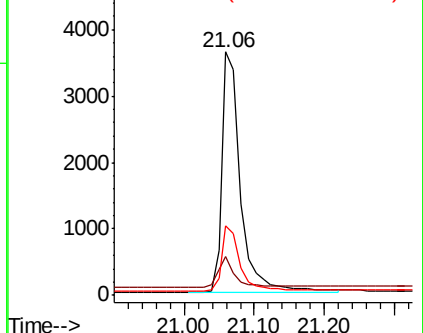
236 28.7 22.2 33.4



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: 0.414 ng

RT: 19.29 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

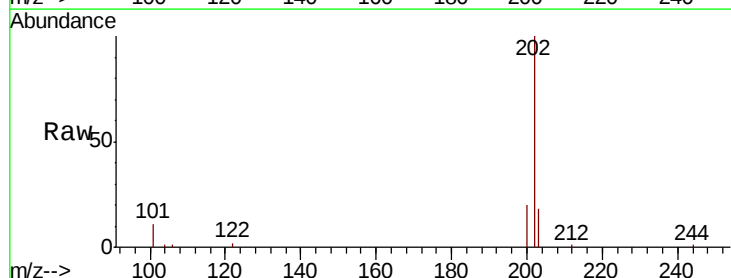
Tgt Ion:202 Resp: 10461

Ion Ratio Lower Upper

202 100

200 20.0 16.2 24.2

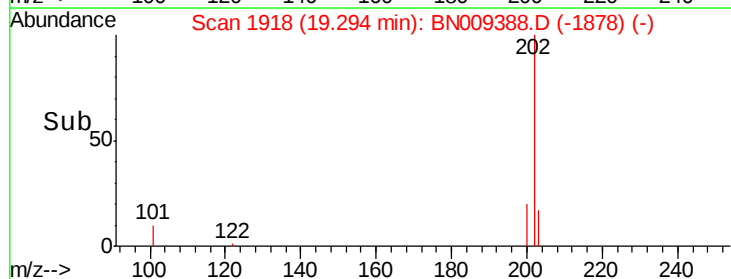
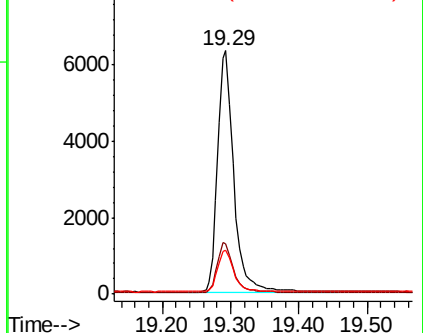
203 17.3 14.1 21.1

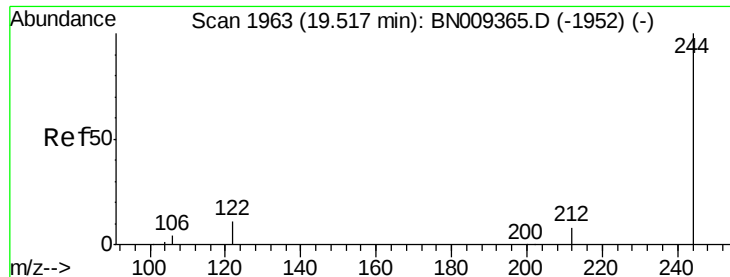


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.408 ng

RT: 19.51 min Scan# 1962

Delta R.T. -0.01 min

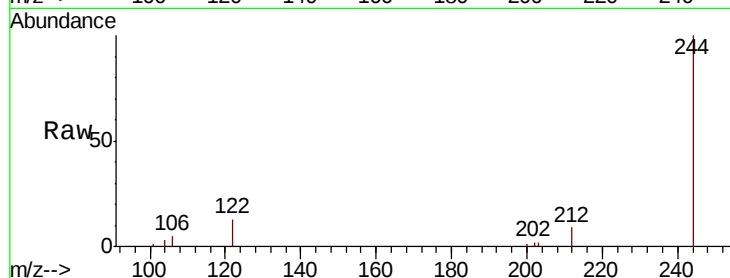
Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

Instrument :

BNA_N

ClientSampled :



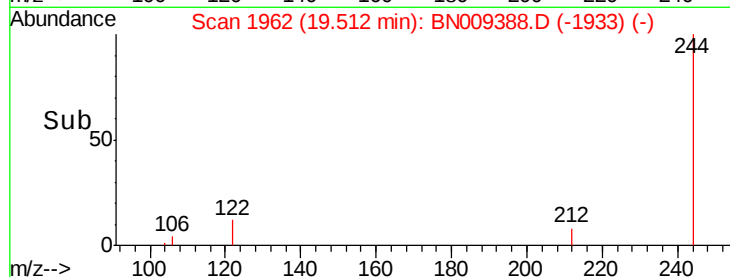
Tot Ion:244 Resp: 6446

Ion Ratio Lower Upper

244 100

212 9.4 7.5 11.3

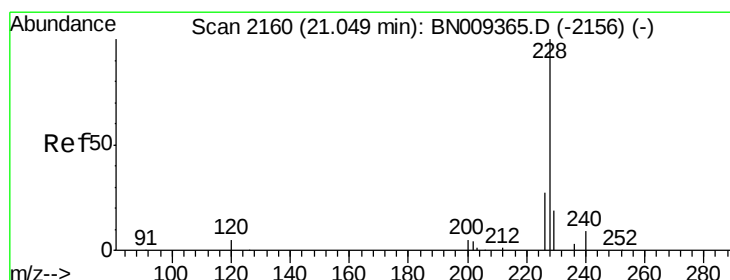
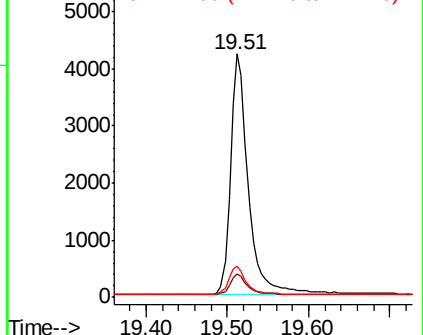
122 12.8 9.8 14.6



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: 0.388 ng

RT: 21.05 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

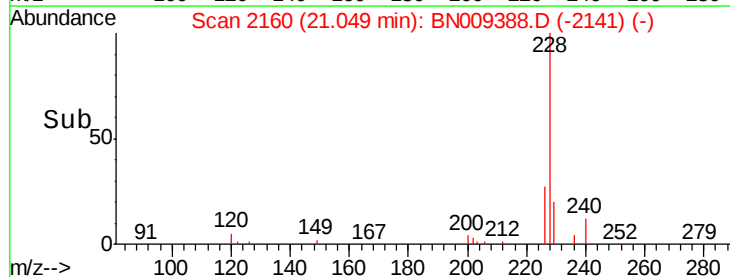
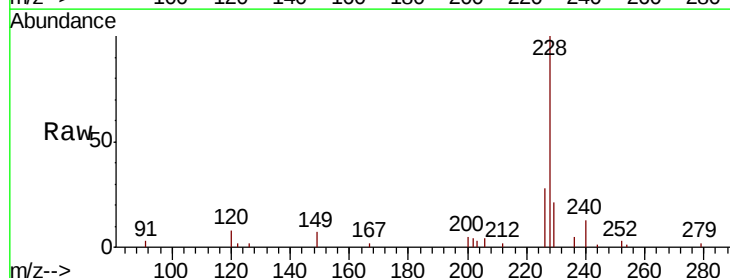
Tgt Ion:228 Resp: 8512

Ion Ratio Lower Upper

228 100

226 27.7 22.5 33.7

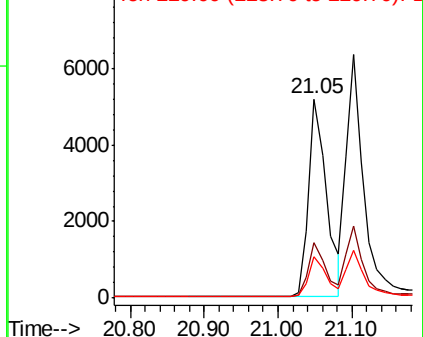
229 20.5 16.1 24.1

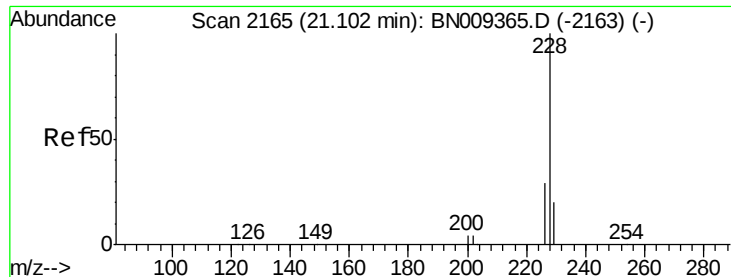


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.404 ng

RT: 21.10 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

Instrument :

BNA_N

ClientSampleId :

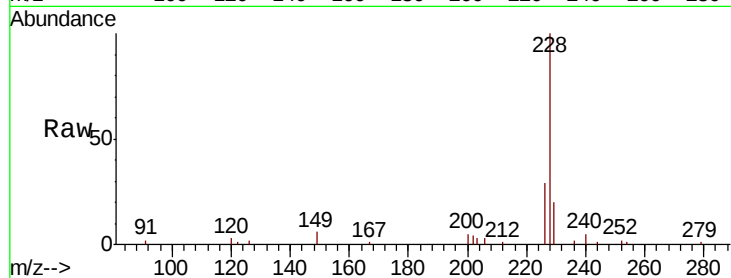
Tot Ion:228 Resp: 10125

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.8

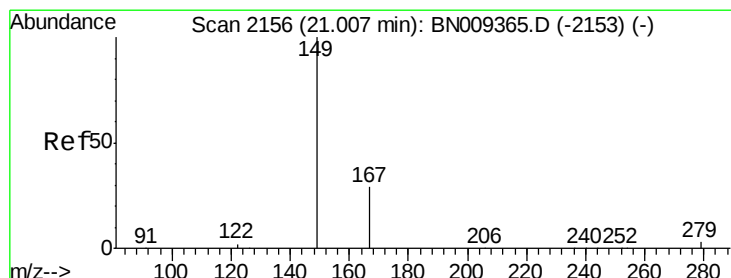
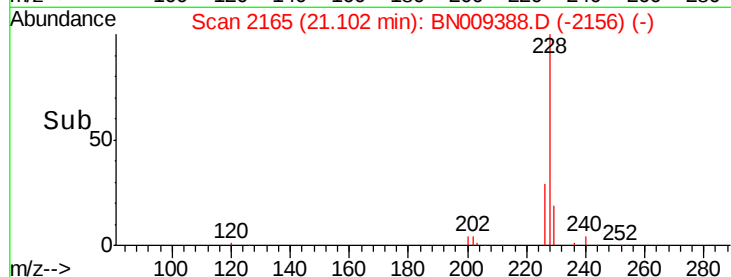
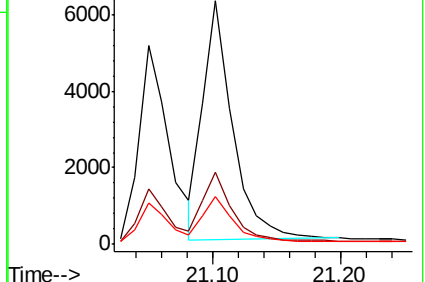
229 19.9 16.6 24.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.378 ng

RT: 21.01 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

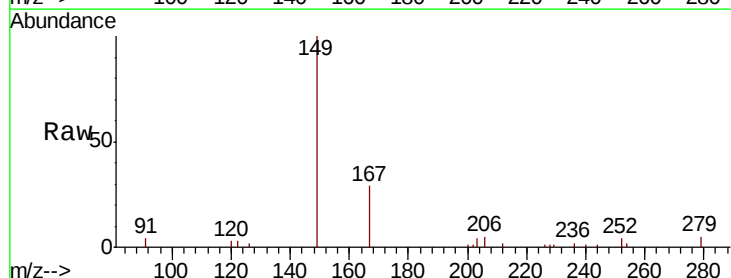
Tgt Ion:149 Resp: 3664

Ion Ratio Lower Upper

149 100

167 29.3 22.9 34.3

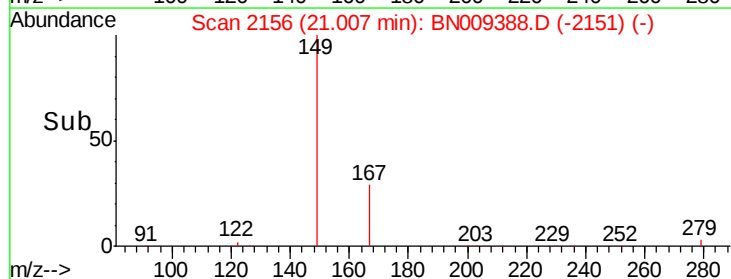
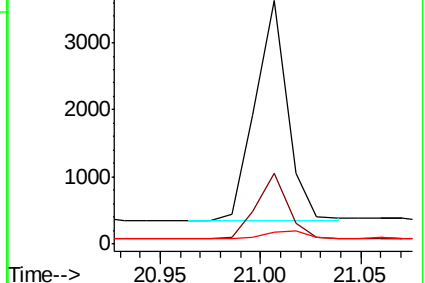
279 4.3 3.4 5.0

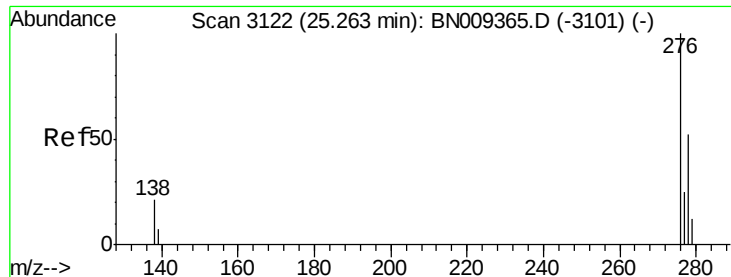


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

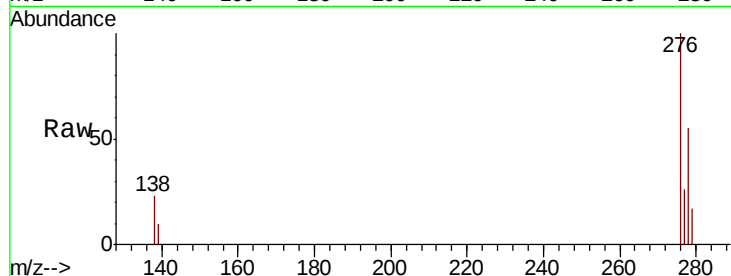




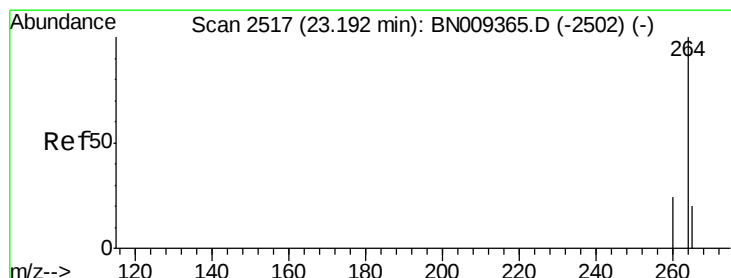
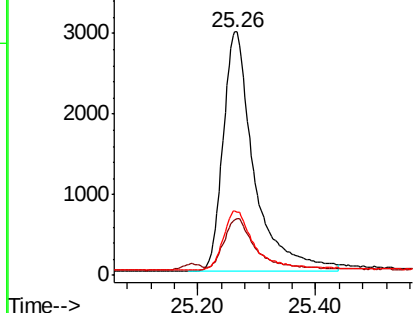
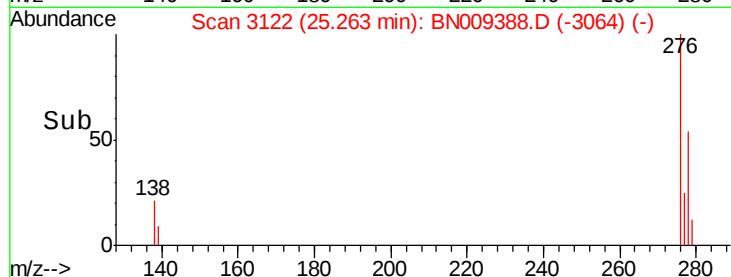
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.418 ng
 RT: 25.26 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: BN009388.D
 Acq: 16 Jan 2020 17:32

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 10904
 Ion Ratio Lower Upper
 276 100
 138 19.8 15.9 23.9
 277 24.7 19.8 29.6

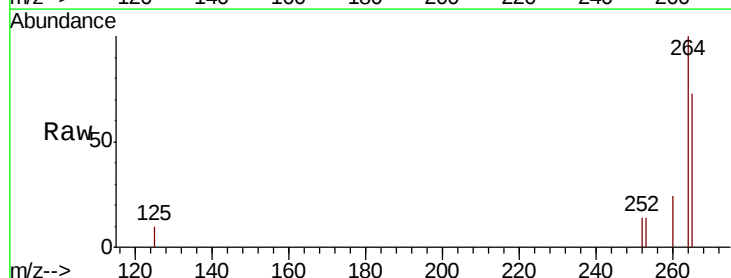


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

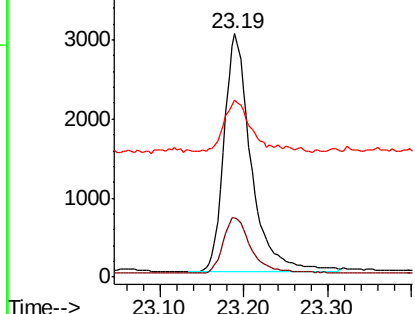
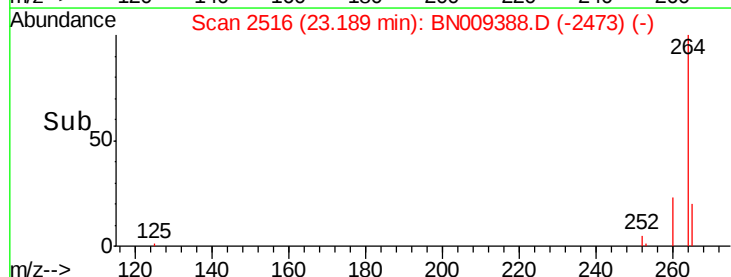


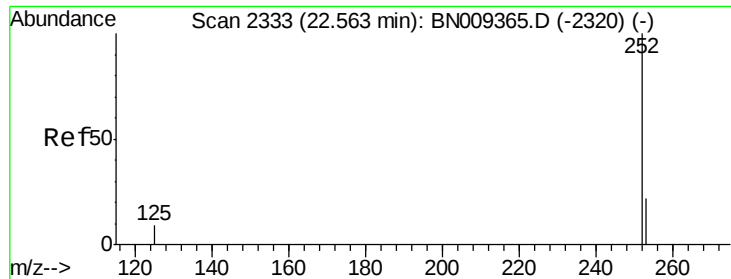
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.19 min Scan# 2516
 Delta R.T. -0.00 min
 Lab File: BN009388.D
 Acq: 16 Jan 2020 17:32

Tgt Ion:264 Resp: 6773
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.1 30.1
 265 72.7 68.2 102.4



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





#35

Benzo(b)fluoranthene

Concen: 0.376 ng

RT: 22.56 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

Instrument :

BNA_N

ClientSampleId :

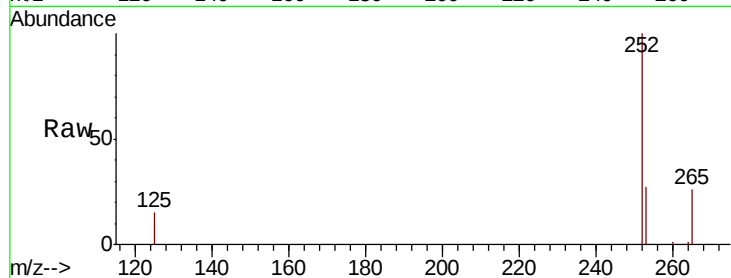
Tot Ion:252 Resp: 9355

Ion Ratio Lower Upper

252 100

253 26.8 22.4 33.6

125 14.6 11.6 17.4

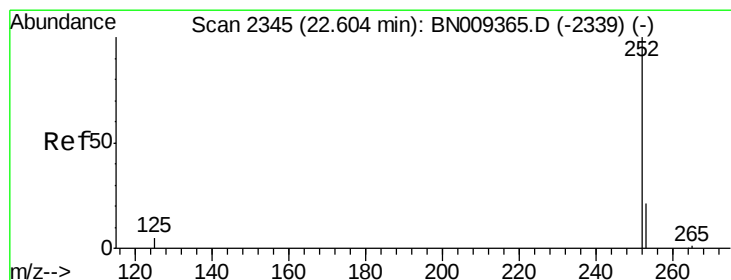
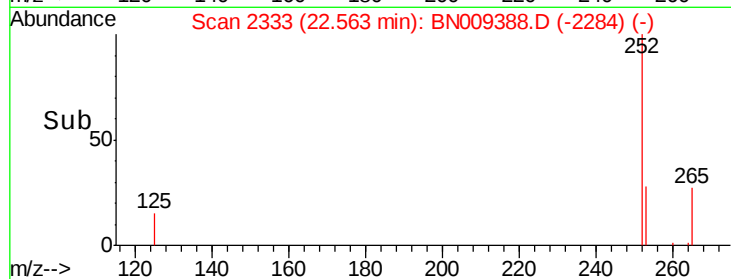
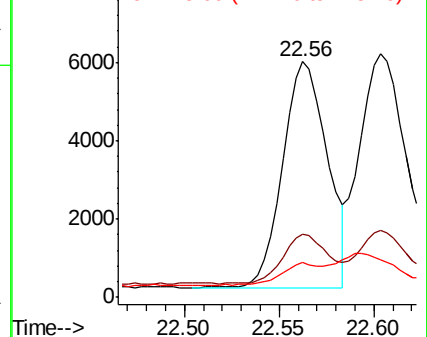


Abundance

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



#36

Benzo(k)fluoranthene

Concen: 0.420 ng

RT: 22.60 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

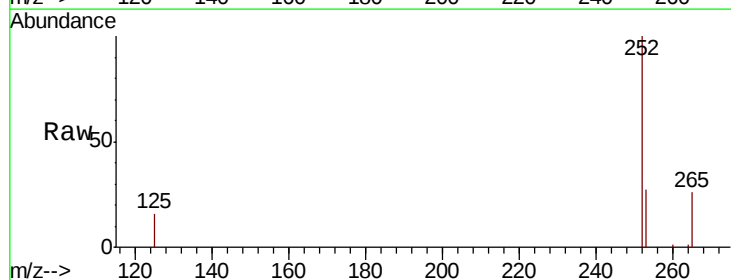
Tgt Ion:252 Resp: 11561

Ion Ratio Lower Upper

252 100

253 27.4 21.9 32.9

125 15.5 12.0 18.0

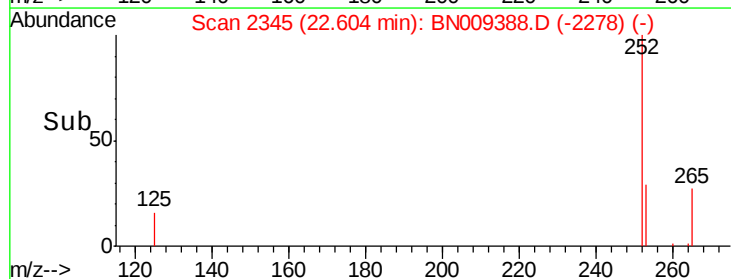
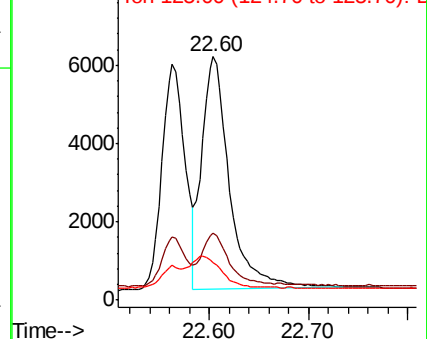


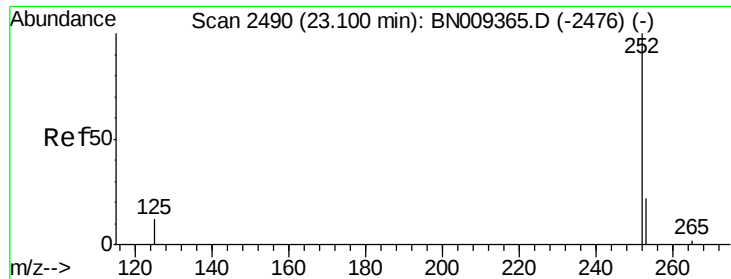
Abundance

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





#37

Benzo(a)pyrene

Concen: 0.404 ng

RT: 23.10 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

Instrument :

BNA_N

ClientSampleId :

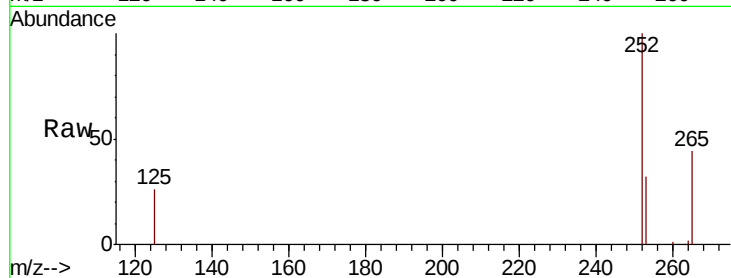
Tot Ion:252 Resp: 8866

Ion Ratio Lower Upper

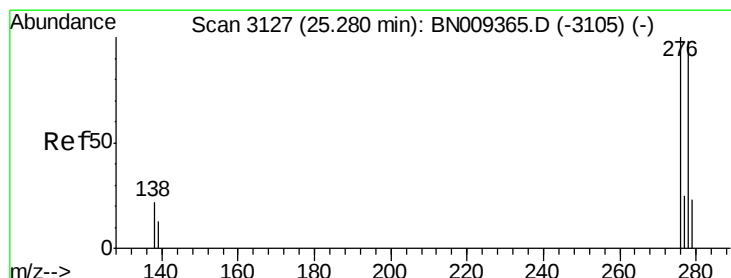
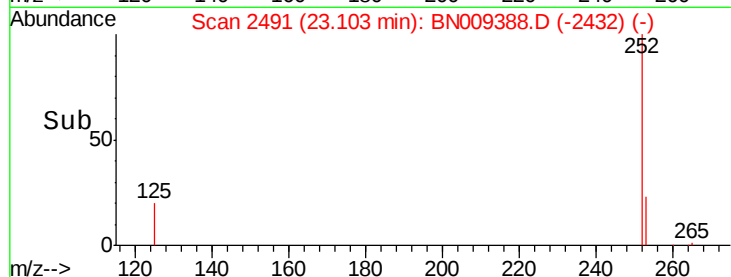
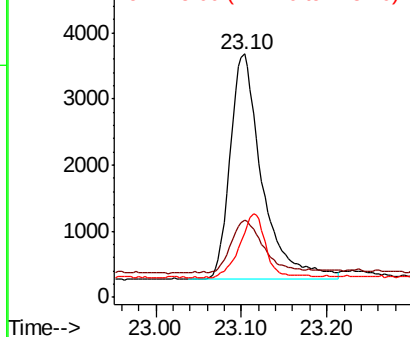
252 100

253 31.6 25.4 38.0

125 26.4 16.2 24.2#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.389 ng

RT: 25.28 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

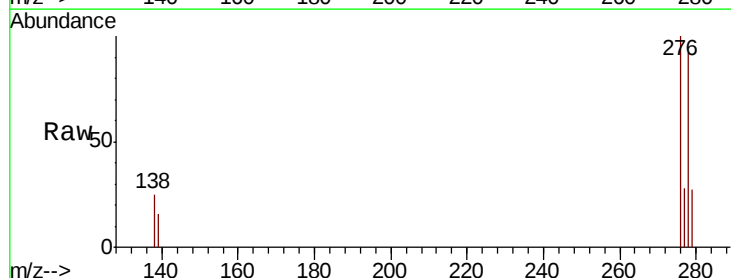
Tgt Ion:278 Resp: 8572

Ion Ratio Lower Upper

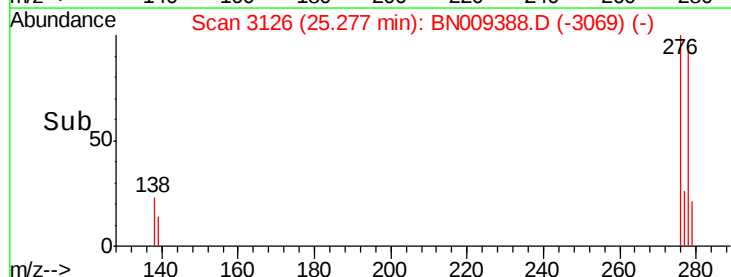
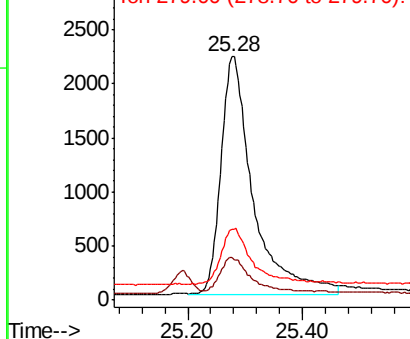
278 100

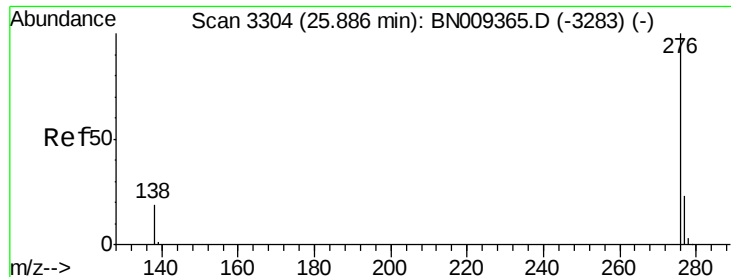
139 17.5 14.5 21.7

279 28.9 24.2 36.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.391 ng

RT: 25.90 min Scan# 3307

Delta R.T. 0.01 min

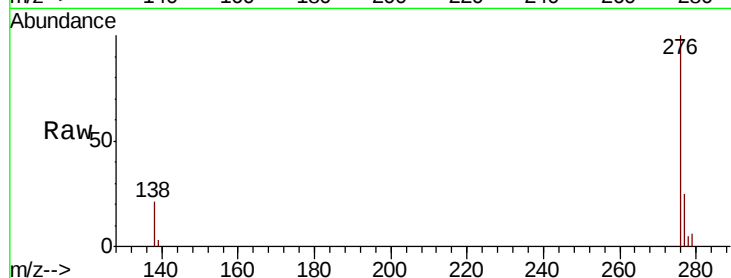
Lab File: BN009388.D

Acq: 16 Jan 2020 17:32

Instrument :

BNA_N

ClientSampleId :



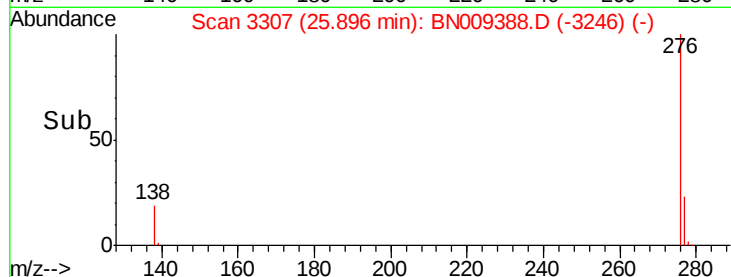
Tot Ion: 276 Resp: 9498

Ion Ratio Lower Upper

276 100

277 25.3 20.6 30.8

138 21.4 17.1 25.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

