

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012120\
 Data File : BN009407.D
 Acq On : 21 Jan 2020 10:29
 Operator : JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 21 14:29:39 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	1900	0.40	ng	0.00
7) Naphthalene-d8	10.23	136	6383	0.40	ng	0.00
13) Acenaphthene-d10	14.10	164	4121	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	9451	0.40	ng	0.00
27) Chrysene-d12	21.06	240	8519	0.40	ng	-0.01
34) Perylene-d12	23.18	264	8680	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	1650	0.38	ng	0.00
5) Phenol-d6	6.67	99	1971	0.39	ng	0.00
8) Nitrobenzene-d5	8.62	82	1926	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	11.82	152	4742	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.62	330	556	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.72	172	5954	0.39	ng	0.00
25) Fluoranthene-d10	18.89	212	11934	0.37	ng	0.00
29) Terphenyl-d14	19.51	244	7505	0.37	ng	0.00

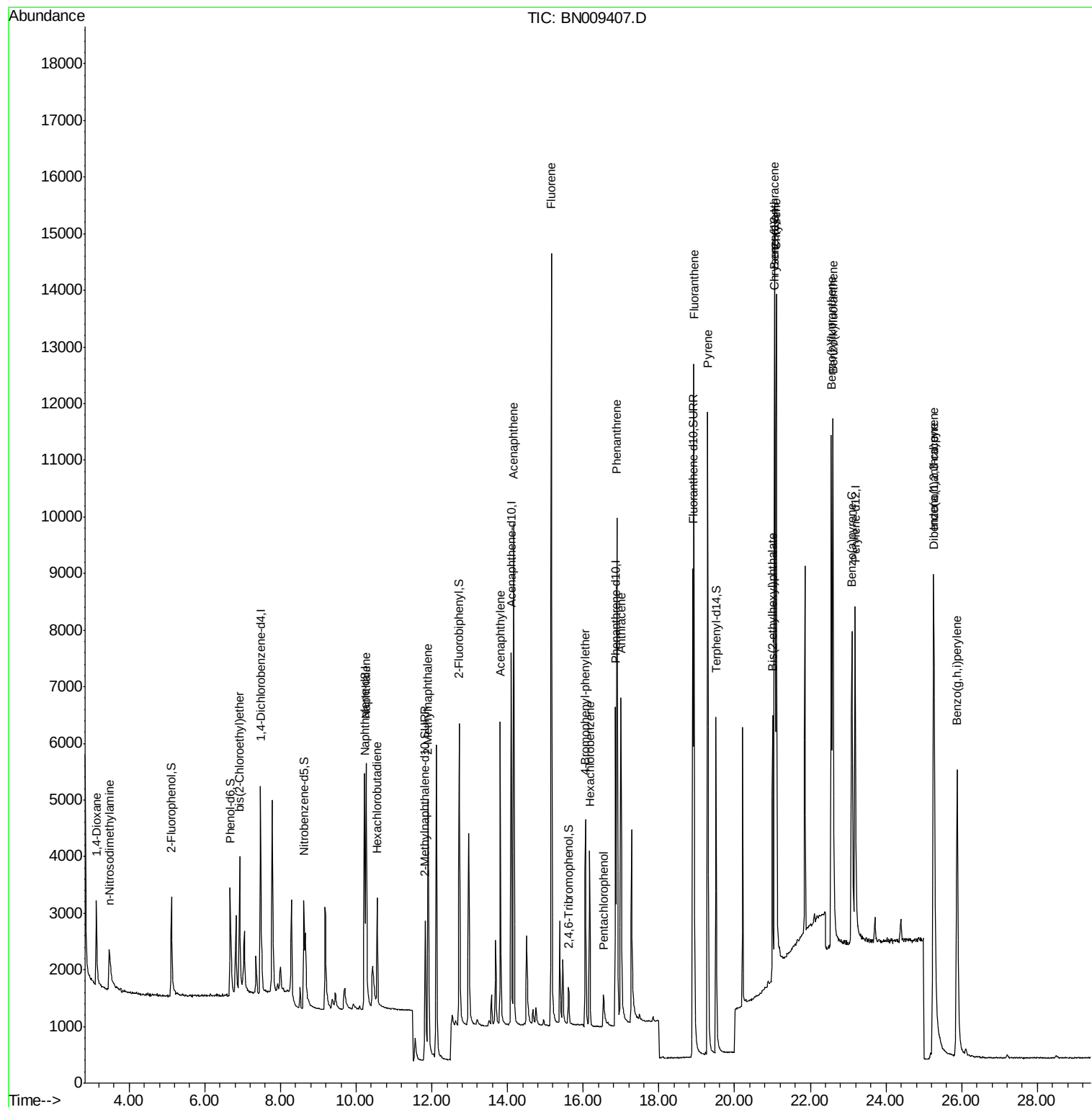
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.14	88	798	0.403	ng	96
3) n-Nitrosodimethylamine	3.47	42	1107	0.362	ng	# 95
6) bis(2-Chloroethyl)ether	6.92	93	1981	0.380	ng	97
9) Naphthalene	10.27	128	6639	0.384	ng	100
10) Hexachlorobutadiene	10.56	225	1513	0.399	ng	# 97
12) 2-Methylnaphthalene	11.90	142	4594	0.382	ng	99
16) Acenaphthylene	13.81	152	6521	0.367	ng	100
17) Acenaphthene	14.16	154	4780	0.382	ng	100
18) Fluorene	15.16	166	6236	0.383	ng	100
20) 4-Bromophenyl-phenylether	16.06	248	2053	0.361	ng	99
21) Hexachlorobenzene	16.17	284	2204	0.364	ng	97
22) Pentachlorophenol	16.54	266	561	0.409	ng	94
23) Phenanthrene	16.89	178	10530	0.371	ng	100
24) Anthracene	17.00	178	8523	0.358	ng	100
26) Fluoranthene	18.92	202	12213	0.367	ng	100
28) Pyrene	19.29	202	12307	0.381	ng	99
30) Benzo(a)anthracene	21.05	228	10688	0.382	ng	98
31) Chrysene	21.10	228	12096	0.378	ng	99
32) Bis(2-ethylhexyl)phthalate	21.00	149	4417	0.357	ng	99
33) Indeno(1,2,3-cd)pyrene	25.25	276	13201	0.396	ng	98
35) Benzo(b)fluoranthene	22.56	252	11475	0.359	ng	96
36) Benzo(k)fluoranthene	22.60	252	13617	0.386	ng	96
37) Benzo(a)pyrene	23.09	252	10561	0.376	ng	95
38) Dibenzo(a,h)anthracene	25.27	278	10382	0.367	ng	96
39) Benzo(g,h,i)perylene	25.88	276	11552	0.371	ng	99

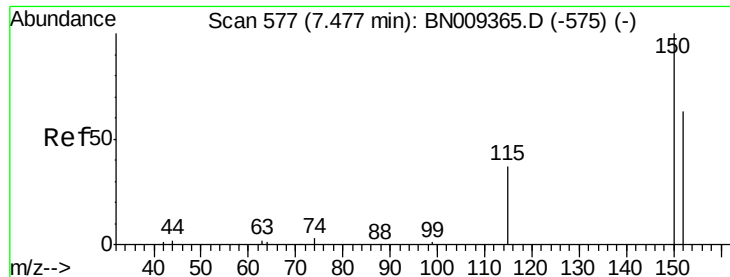
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012120\
Data File : BN009407.D
Acq On : 21 Jan 2020 10:29
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jan 21 14:29:39 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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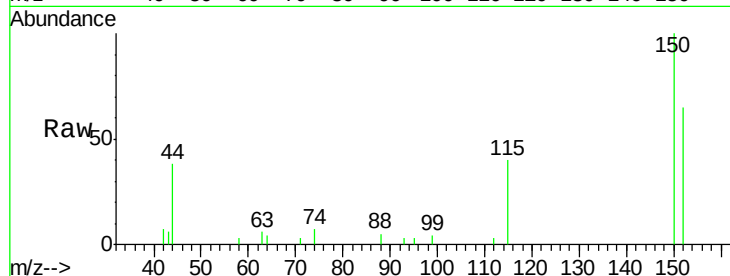


#1

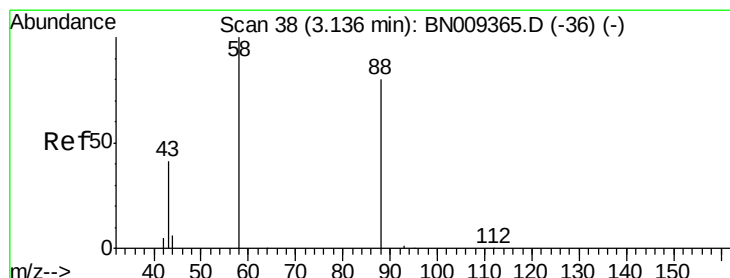
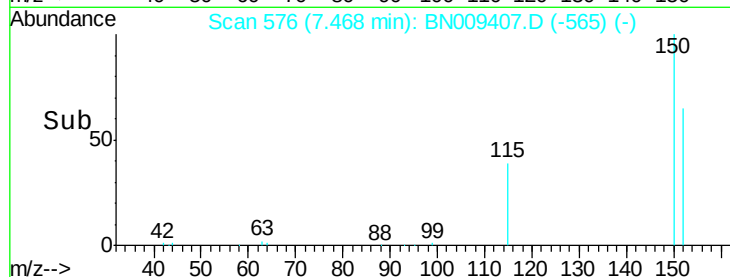
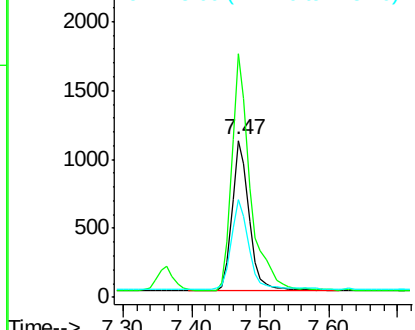
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BN009407.D
Acq: 21 Jan 2020 10:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1900
Ion Ratio Lower Upper
152 100
150 154.9 125.7 188.5
115 61.8 53.3 79.9



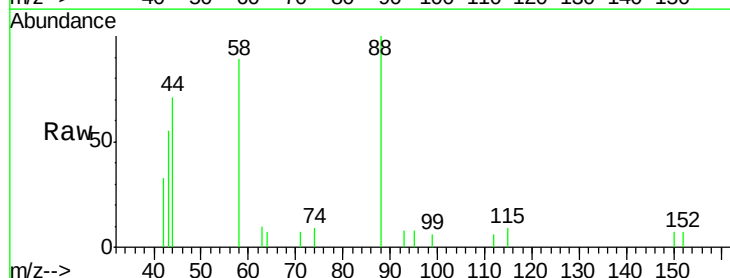
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



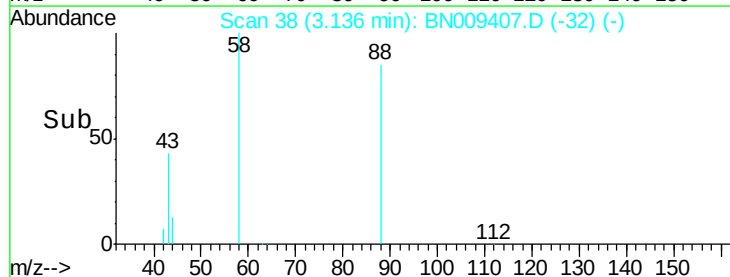
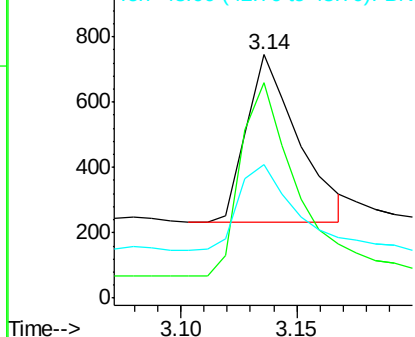
#2

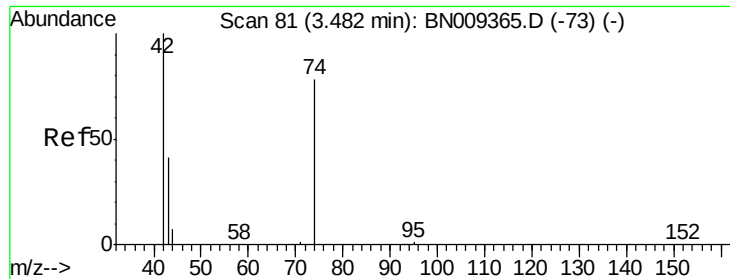
1,4-Dioxane
Concen: 0.403 ng
RT: 3.14 min Scan# 38
Delta R.T. -0.00 min
Lab File: BN009407.D
Acq: 21 Jan 2020 10:29

Tgt Ion: 88 Resp: 798
Ion Ratio Lower Upper
88 100
58 120.3 100.2 150.2
43 55.1 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



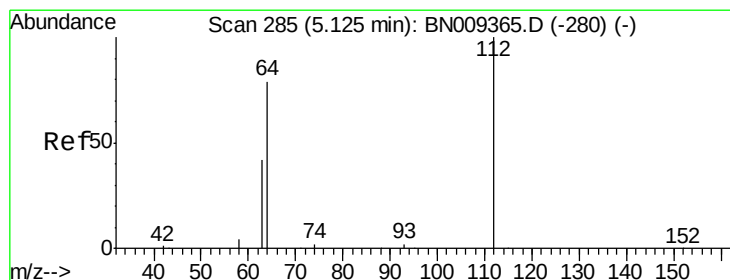
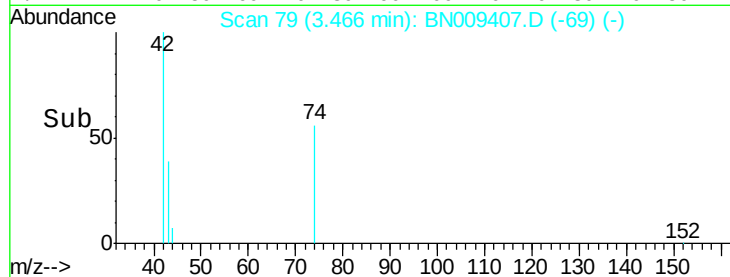
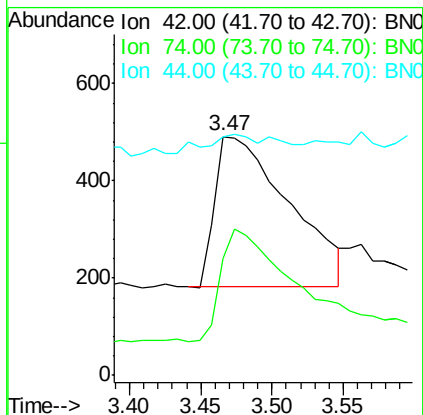
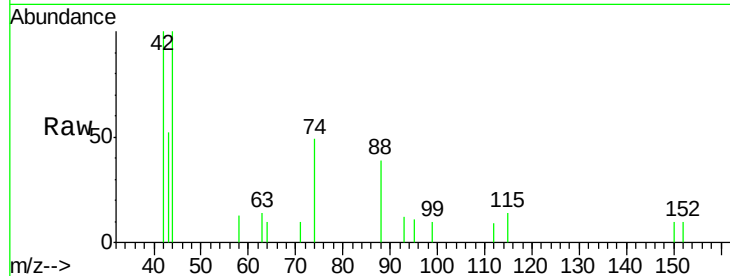


#3

n-Nitrosodimethylamine
 Concen: 0.362 ng
 RT: 3.47 min Scan# 79
 Delta R.T. -0.02 min
 Lab File: BN009407.D
 Acq: 21 Jan 2020 10:29

Instrument :
 BNA_N
 ClientSampleId :

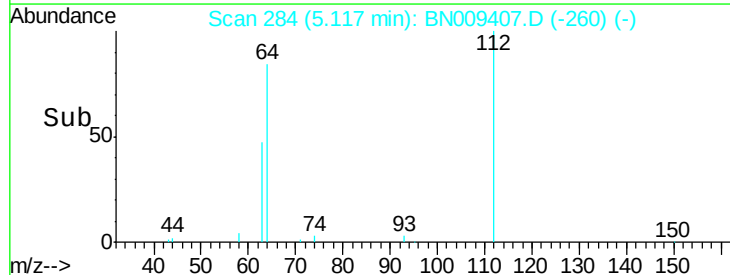
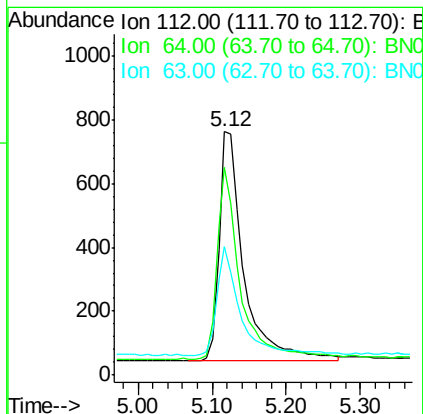
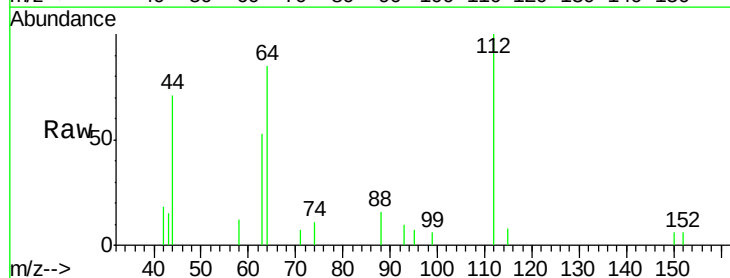
Tot Ion: 42 Resp: 1107
 Ion Ratio Lower Upper
 42 100
 74 72.4 55.8 83.8
 44 7.7 11.1 16.7#

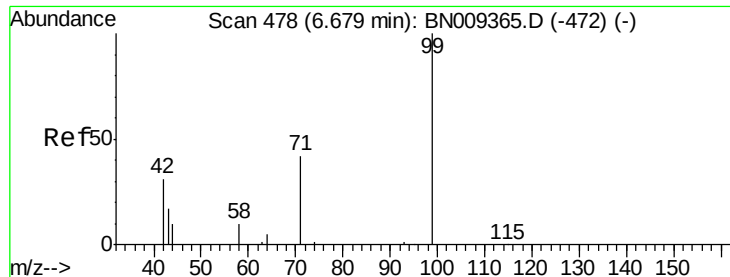


#4

2-Fluorophenol
 Concen: 0.377 ng
 RT: 5.12 min Scan# 284
 Delta R.T. -0.01 min
 Lab File: BN009407.D
 Acq: 21 Jan 2020 10:29

Tgt Ion: 112 Resp: 1650
 Ion Ratio Lower Upper
 112 100
 64 79.5 61.5 92.3
 63 44.5 35.0 52.4





#5

Phenol-d6

Concen: 0.389 ng

RT: 6.67 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

Instrument :

BNA_N

ClientSampleId :

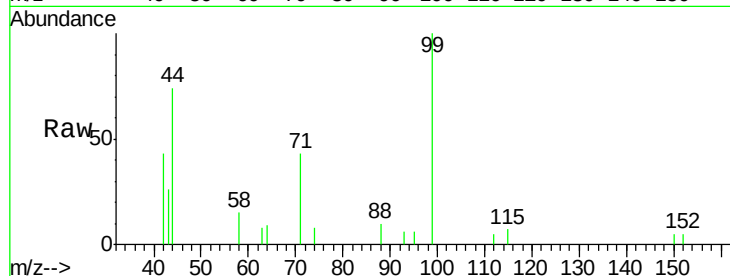
Tot Ion: 99 Resp: 1971

Ion Ratio Lower Upper

99 100

42 34.9 27.6 41.4

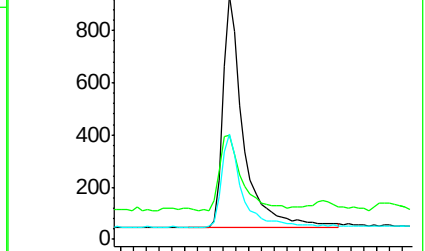
71 39.3 33.0 49.6



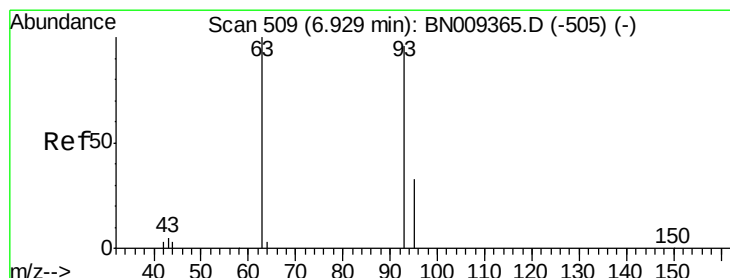
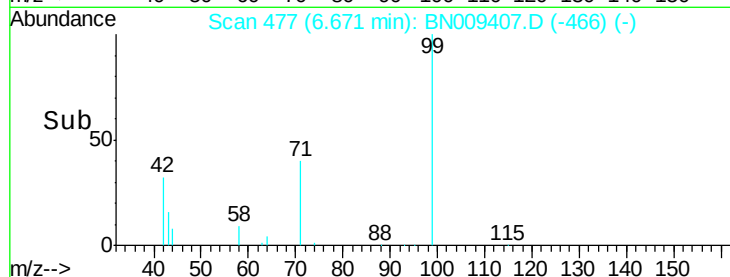
Abundance Ion 99.00 (98.70 to 99.70): BN009407.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN009407.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN009407.D (-472) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.380 ng

RT: 6.92 min Scan# 508

Delta R.T. -0.01 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

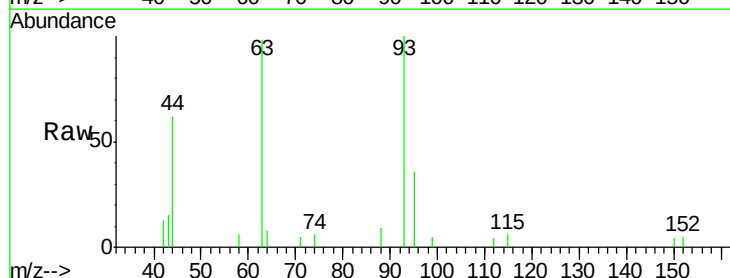
Tgt Ion: 93 Resp: 1981

Ion Ratio Lower Upper

93 100

63 103.4 85.1 127.7

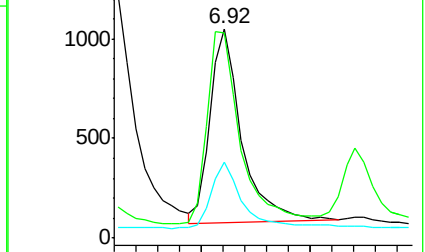
95 35.0 30.2 45.4



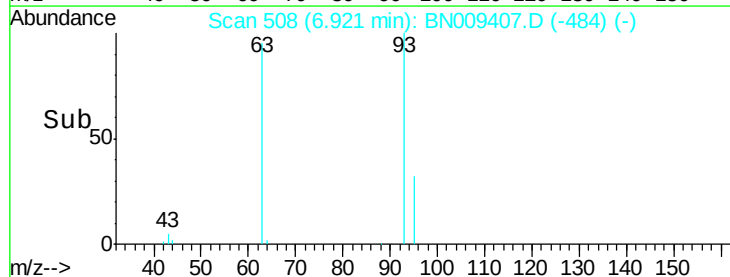
Abundance Ion 93.00 (92.70 to 93.70): BN009407.D (-505) (-)

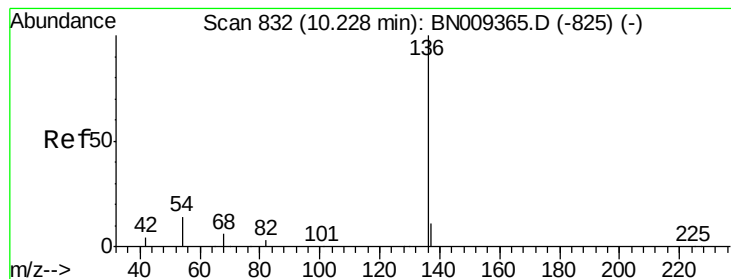
Ion 63.00 (62.70 to 63.70): BN009407.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN009407.D (-505) (-)



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BN009407.D

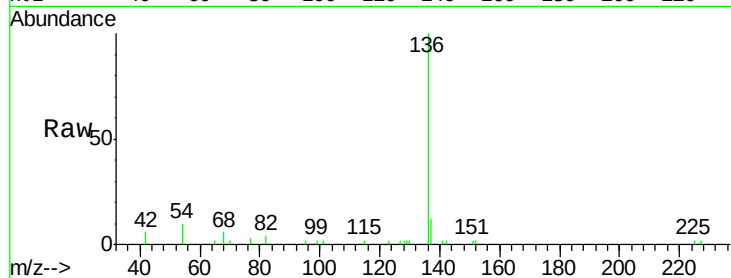
Acq: 21 Jan 2020 10:29

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136	Resp:	6383
Ion	Ratio	Lower Upper
136	100	
137	12.4	10.3 15.5
54	10.5	12.6 19.0#
68	5.7	6.5 9.7#



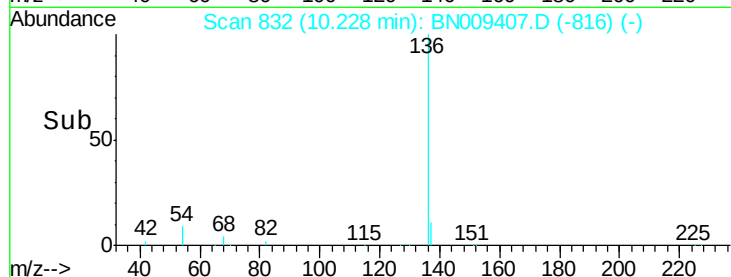
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

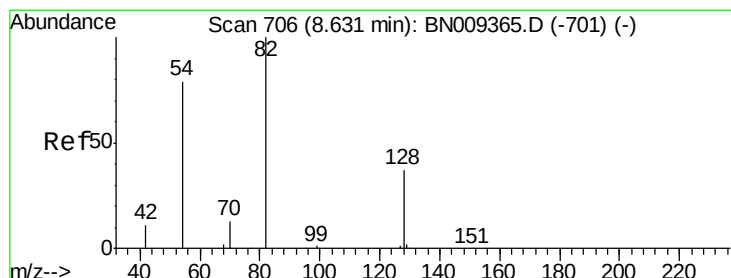
Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.379 ng

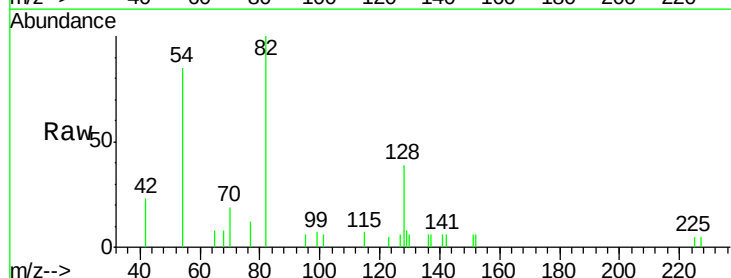
RT: 8.62 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

Tgt Ion: 82	Resp:	1926
Ion	Ratio	Lower Upper
82	100	
128	38.7	34.8 52.2
54	85.2	65.8 98.6

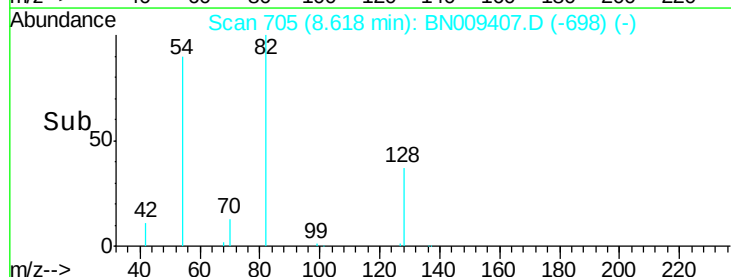


Abundance Ion 82.00 (81.70 to 82.70): BNC

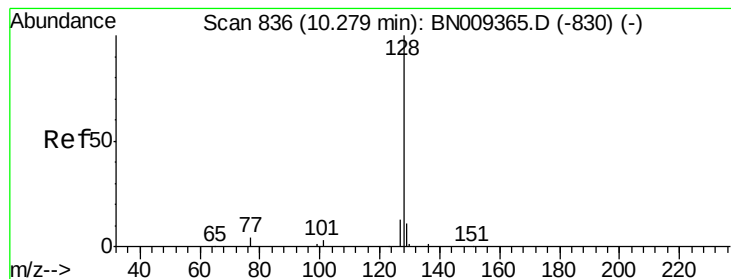
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

Time-->



Time-->



#9

Naphthalene

Concen: 0.384 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.01 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

Instrument :

BNA_N

ClientSampleId :

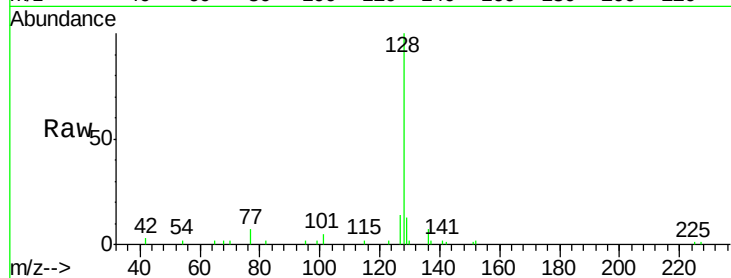
Tot Ion:128 Resp: 6639

Ion Ratio Lower Upper

128 100

129 12.6 10.4 15.6

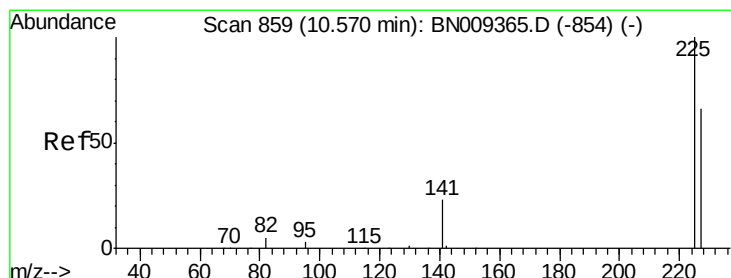
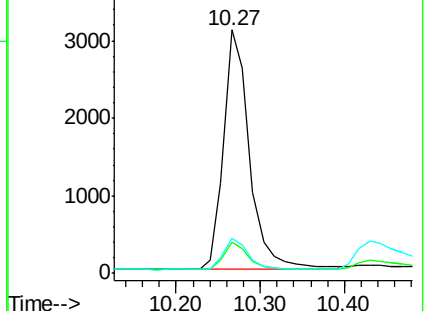
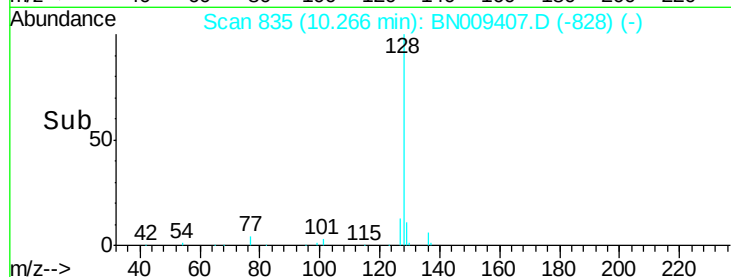
127 14.3 11.4 17.2



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: 0.399 ng

RT: 10.56 min Scan# 858

Delta R.T. -0.01 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

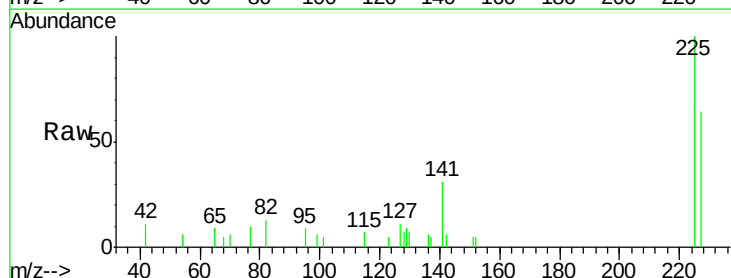
Tgt Ion:225 Resp: 1513

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

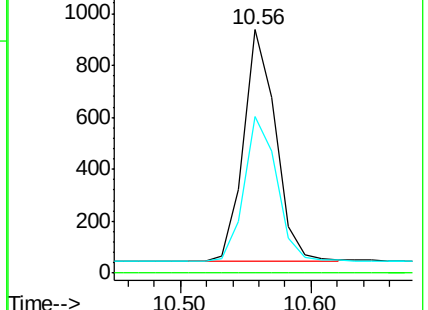
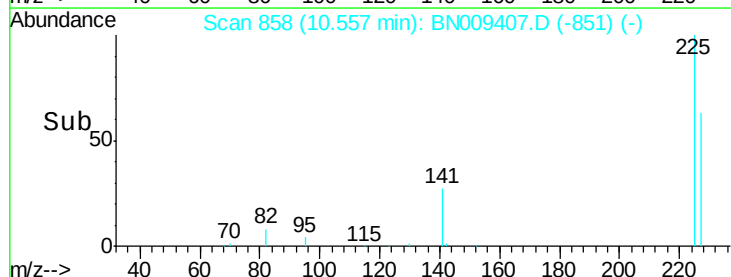
227 63.5 52.6 78.8

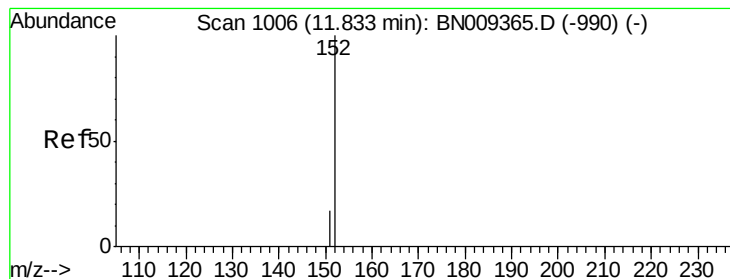


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.385 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

Instrument :

BNA_N

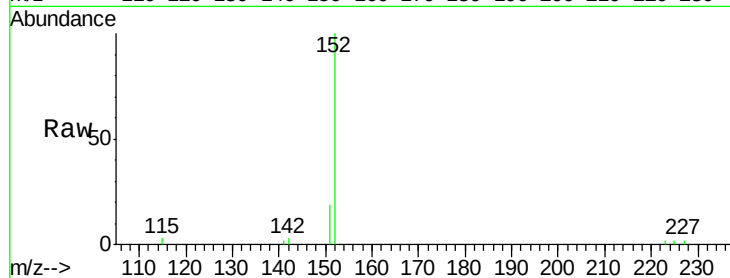
ClientSampleId :

Tot Ion:152 Resp: 4742

Ion Ratio Lower Upper

152 100

151 18.5 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

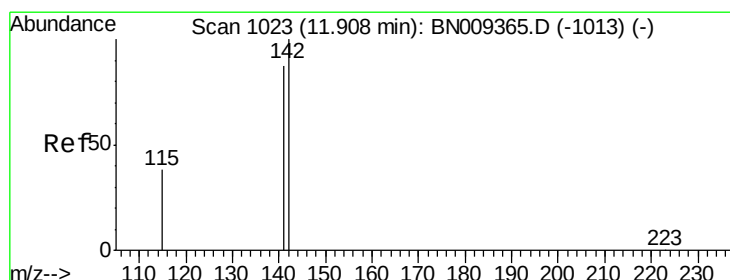
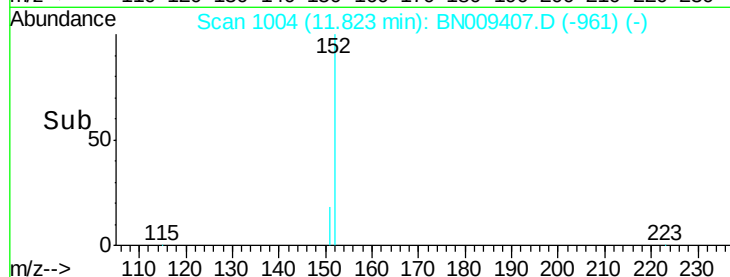
1500

1000

500

0

Time--> 11.70 11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.382 ng

RT: 11.90 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

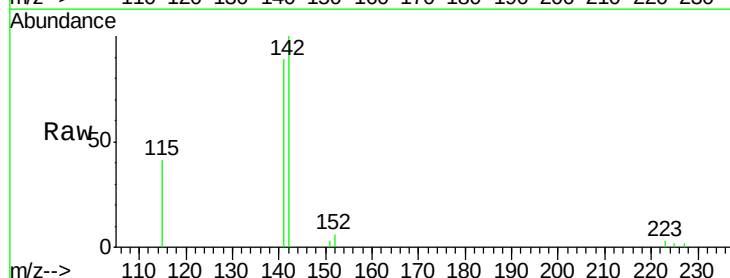
Tgt Ion:142 Resp: 4594

Ion Ratio Lower Upper

142 100

141 88.6 69.8 104.6

115 41.4 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

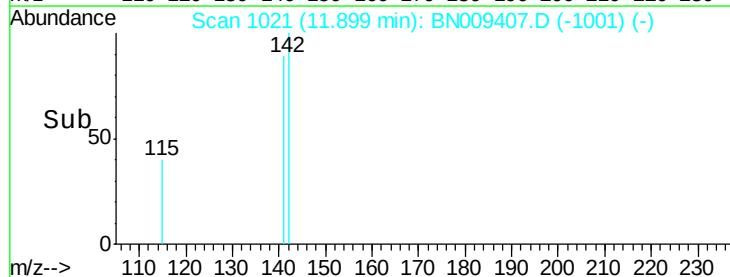
3000

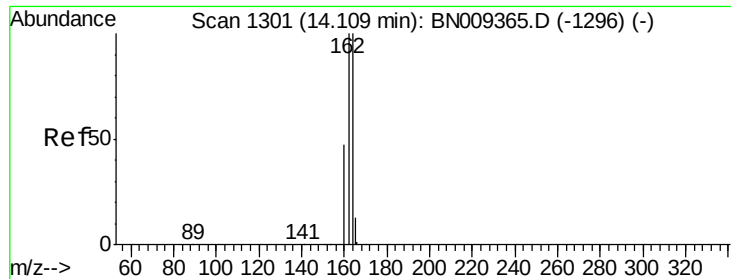
2000

1000

0

Time--> 11.80 11.90 12.00

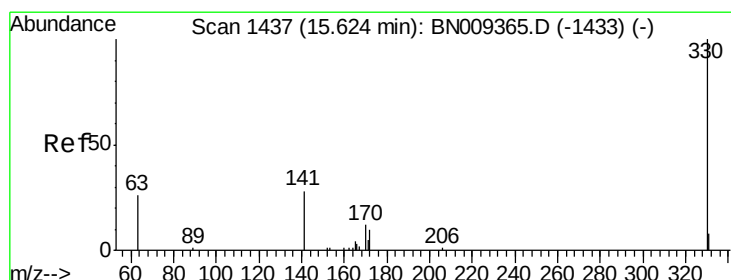
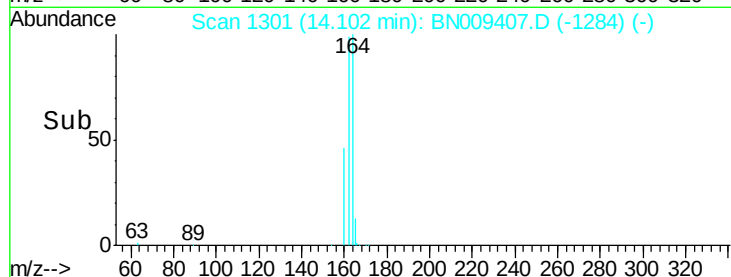
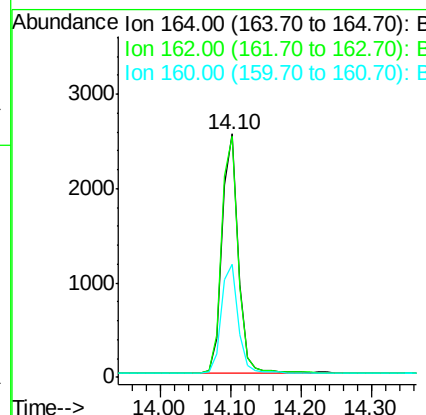
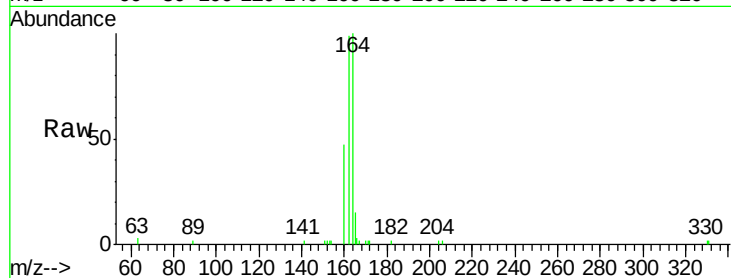




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN009407.D
Acq: 21 Jan 2020 10:29

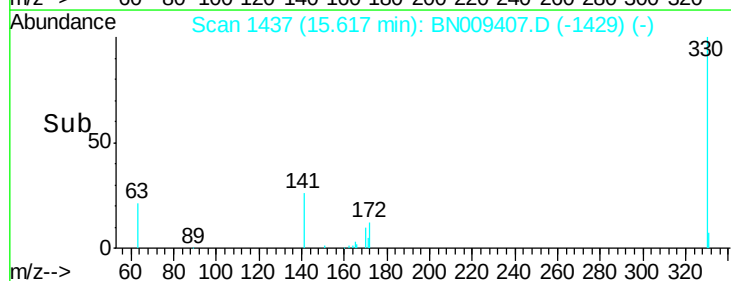
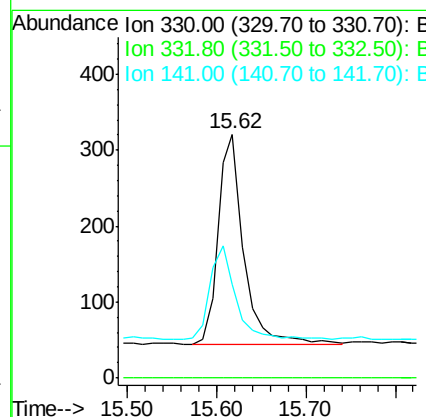
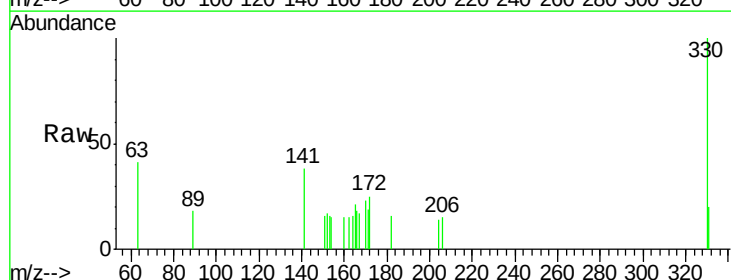
Instrument :
BNA_N
ClientSampleId :

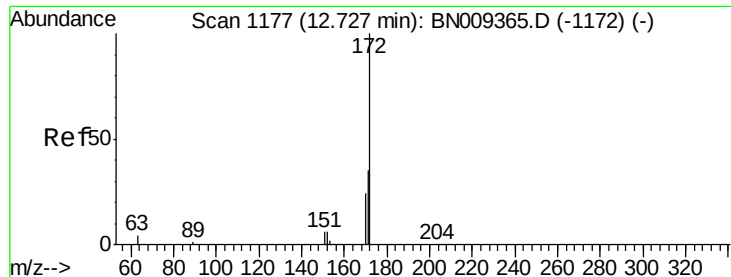
Tot Ion:164 Resp: 4121
Ion Ratio Lower Upper
164 100
162 98.8 79.8 119.6
160 46.6 38.4 57.6



#14
2,4,6-Tribromophenol
Concen: 0.357 ng
RT: 15.62 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BN009407.D
Acq: 21 Jan 2020 10:29

Tgt Ion:330 Resp: 556
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.9 33.1 49.7

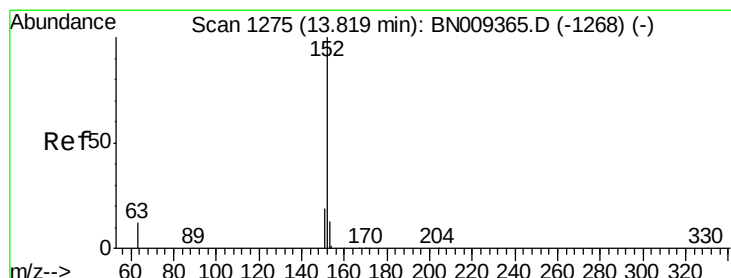
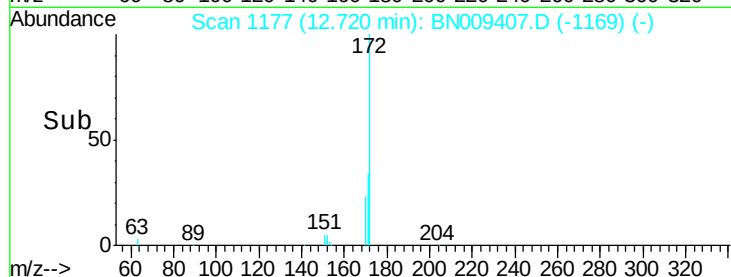
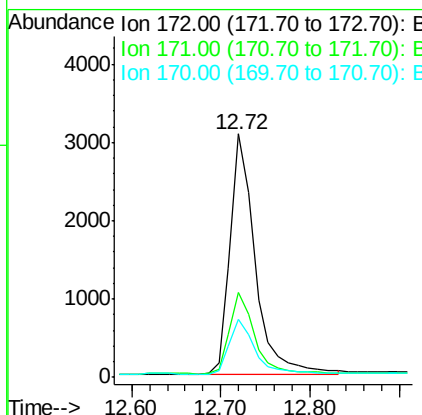
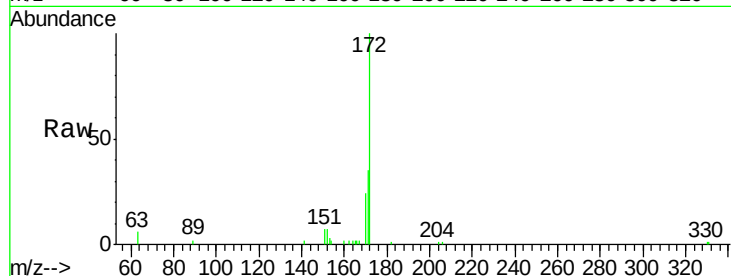




#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 12.72 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN009407.D
Acq: 21 Jan 2020 10:29

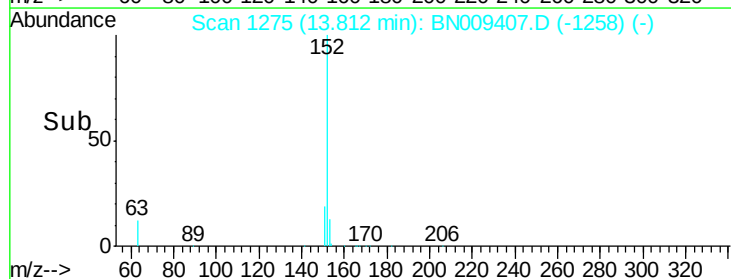
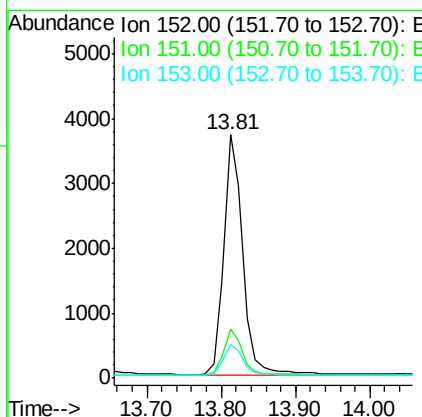
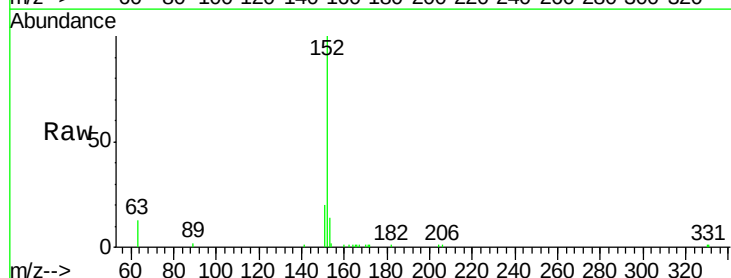
Instrument :
BNA_N
ClientSampleId :

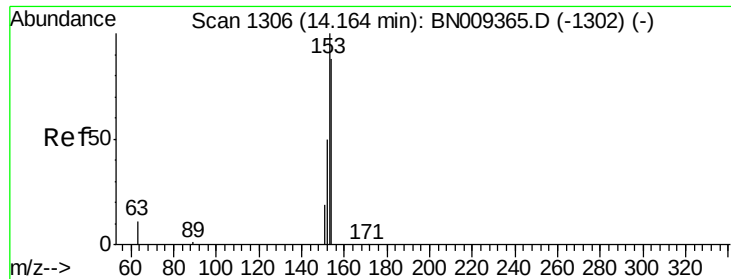
Tot Ion:172 Resp: 5954
Ion Ratio Lower Upper
172 100
171 35.1 29.5 44.3
170 24.0 20.7 31.1



#16
Acenaphthylene
Concen: 0.367 ng
RT: 13.81 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BN009407.D
Acq: 21 Jan 2020 10:29

Tgt Ion:152 Resp: 6521
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.2
153 12.9 10.4 15.6





#17

Acenaphthene

Concen: 0.382 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

Instrument :

BNA_N

ClientSampleId :

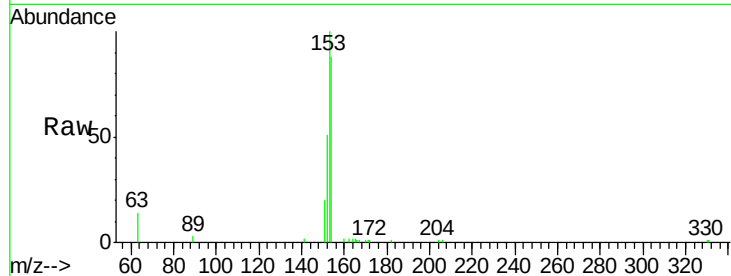
Tot Ion:154 Resp: 4780

Ion Ratio Lower Upper

154 100

153 112.8 90.5 135.7

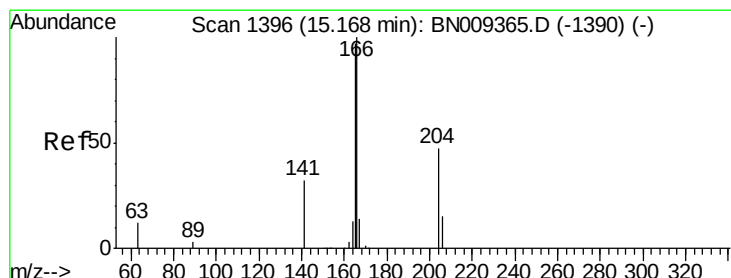
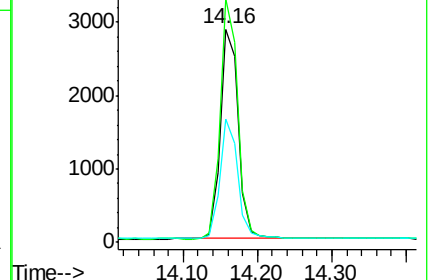
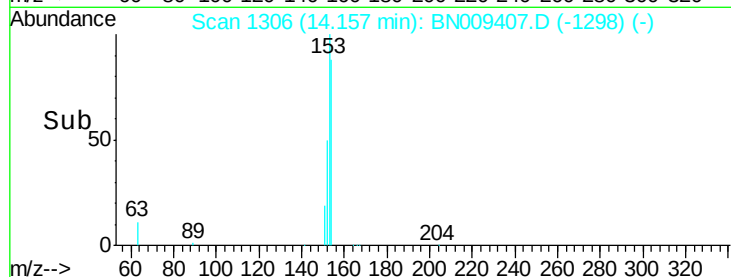
152 56.4 45.3 67.9



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: 0.383 ng

RT: 15.16 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

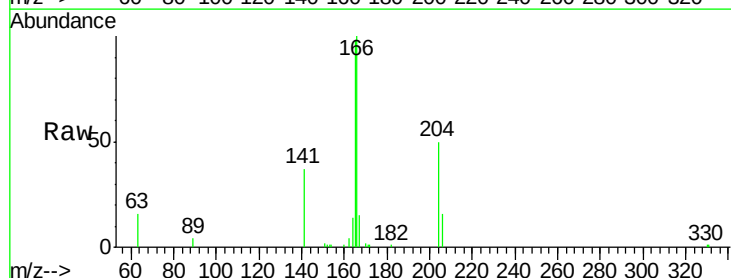
Tgt Ion:166 Resp: 6236

Ion Ratio Lower Upper

166 100

165 97.7 78.2 117.2

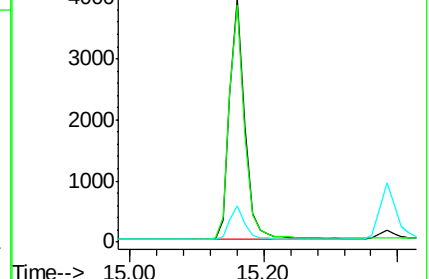
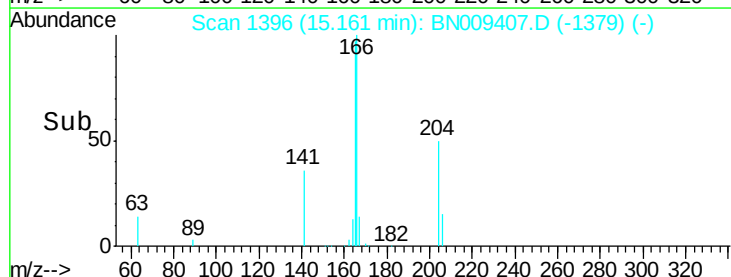
167 13.6 11.0 16.6

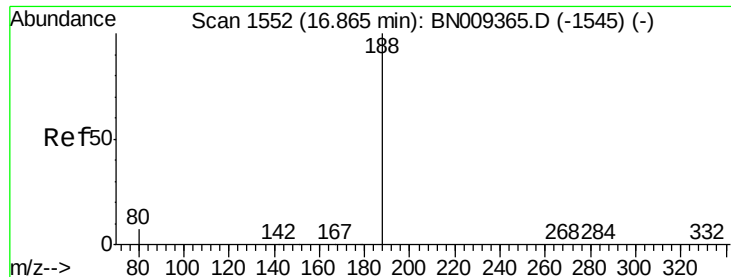


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.86 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

Instrument :

BNA_N

ClientSampleId :

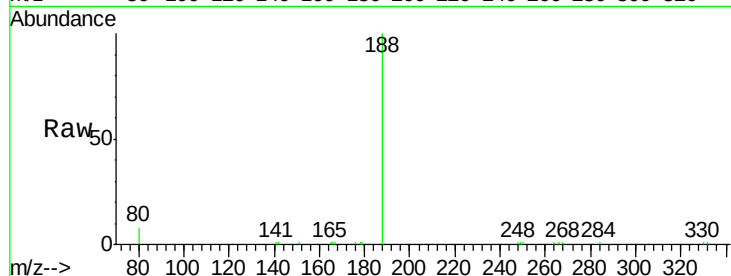
Tot Ion:188 Resp: 9451

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

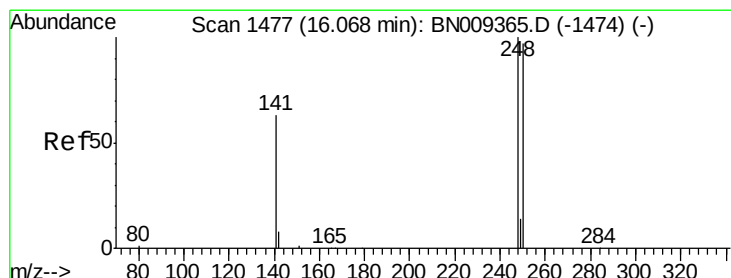
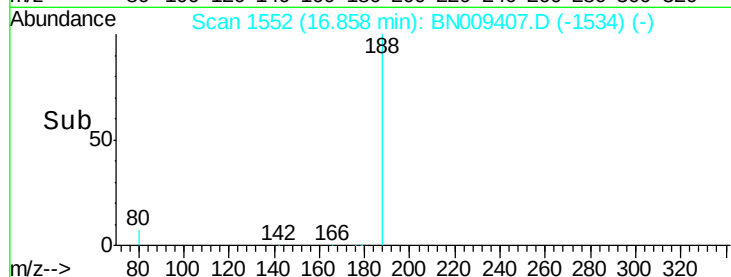
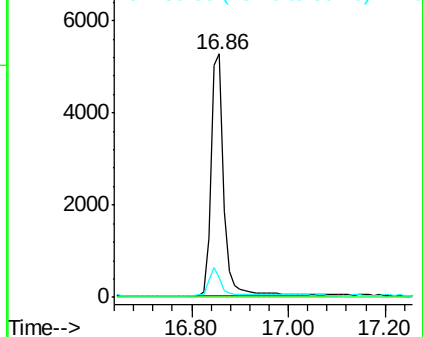
80 7.8 6.6 10.0



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: 0.361 ng

RT: 16.06 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

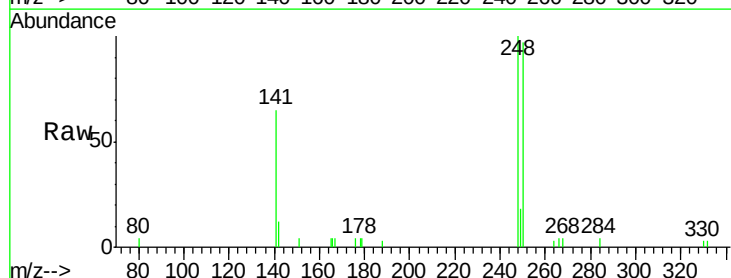
Tgt Ion:248 Resp: 2053

Ion Ratio Lower Upper

248 100

250 97.0 77.8 116.8

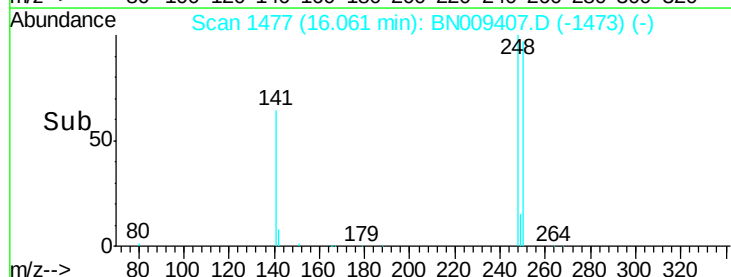
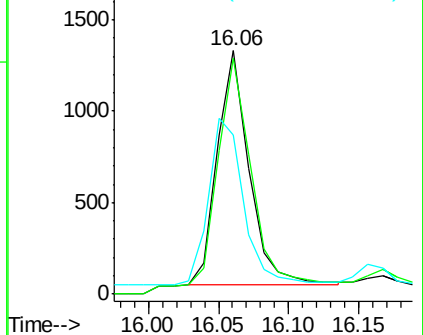
141 65.2 53.4 80.0

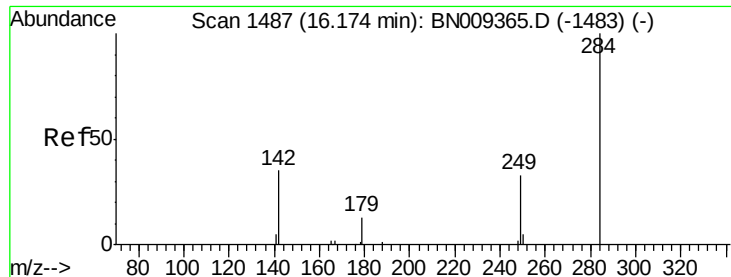


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.364 ng

RT: 16.17 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

Instrument :

BNA_N

ClientSampleId :

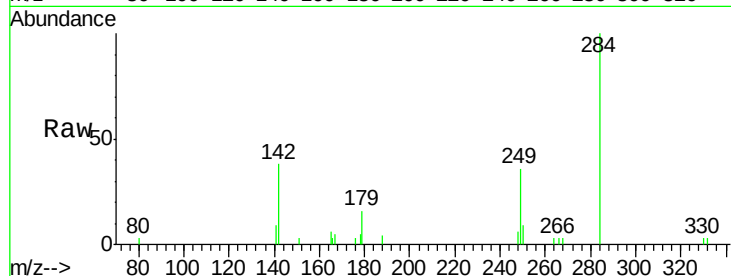
Tot Ion:284 Resp: 2204

Ion Ratio Lower Upper

284 100

142 44.2 33.8 50.8

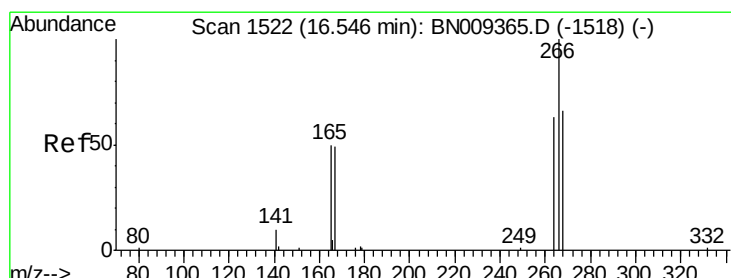
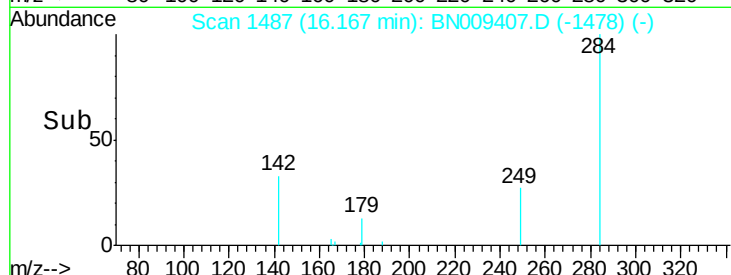
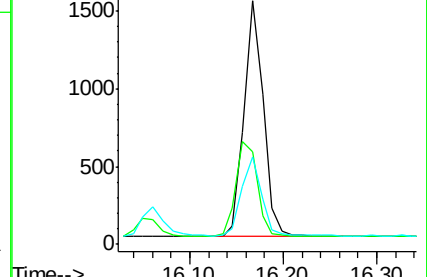
249 34.8 27.0 40.4



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: 0.409 ng

RT: 16.54 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

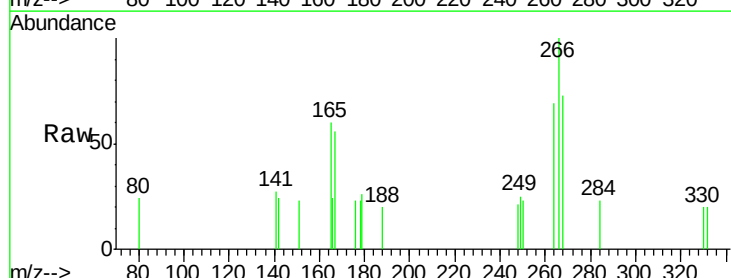
Tgt Ion:266 Resp: 561

Ion Ratio Lower Upper

266 100

264 68.6 57.8 86.6

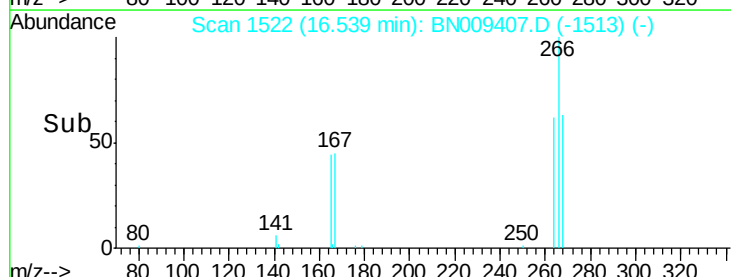
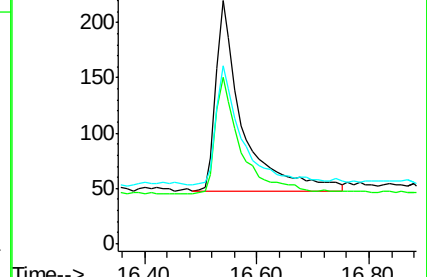
268 73.2 63.8 95.6

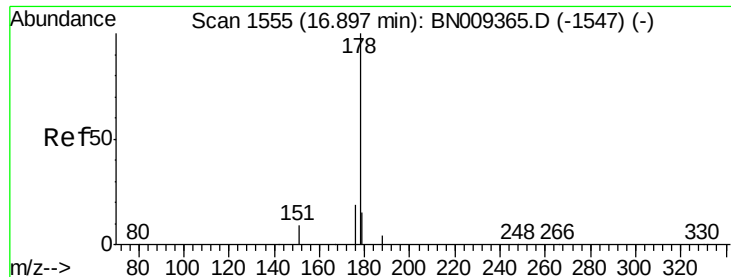


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.371 ng

RT: 16.89 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

Instrument :

BNA_N

ClientSampleId :

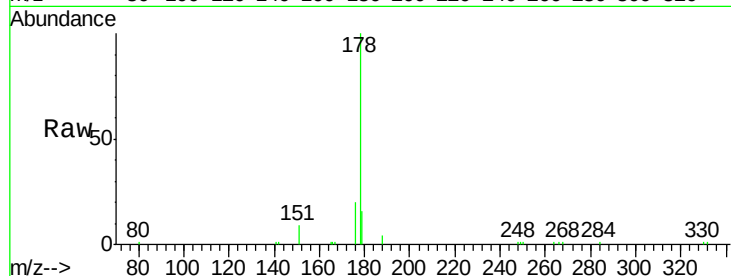
Tot Ion:178 Resp: 10530

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

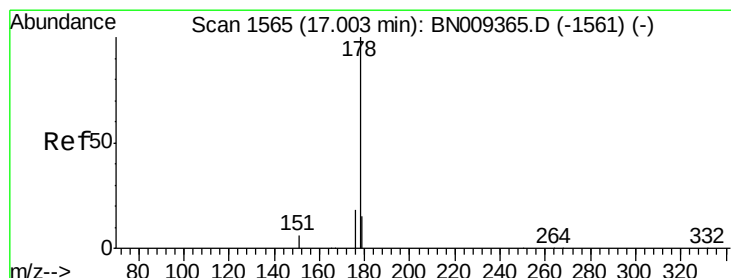
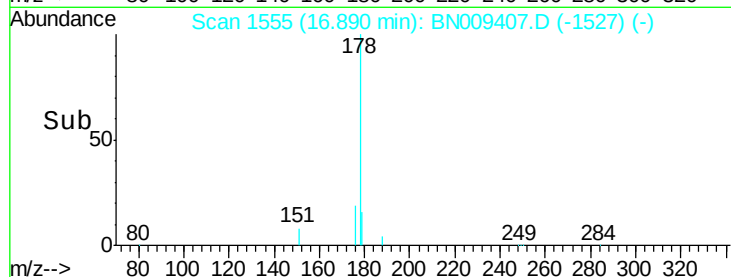
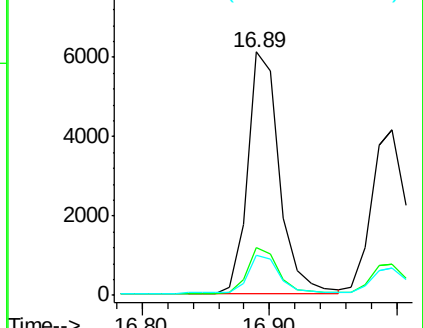
179 15.7 12.3 18.5



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: 0.358 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

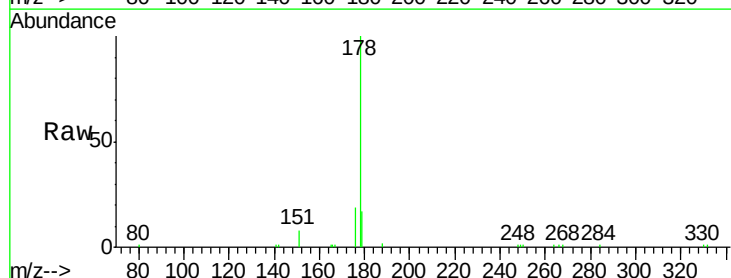
Tgt Ion:178 Resp: 8523

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

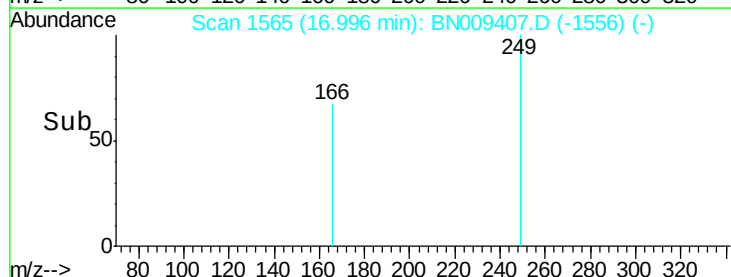
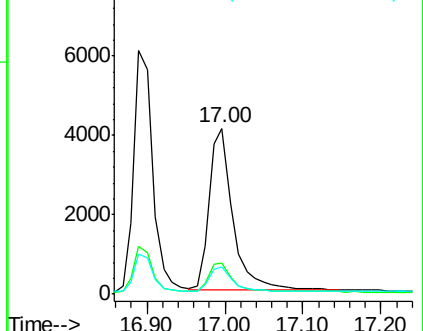
179 15.8 12.5 18.7

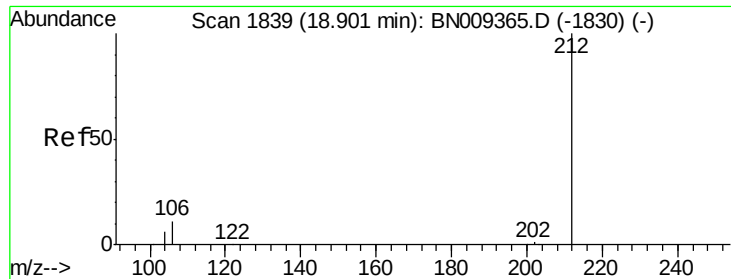


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

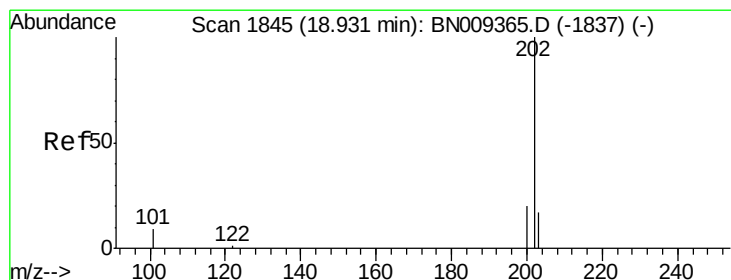
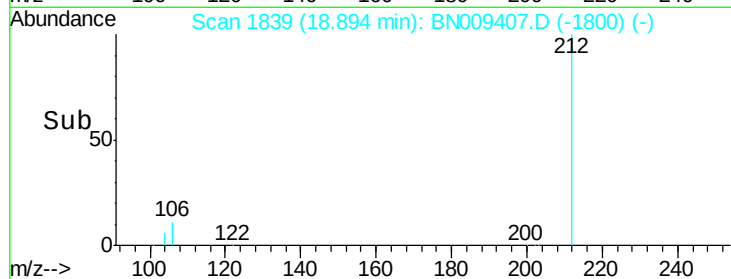
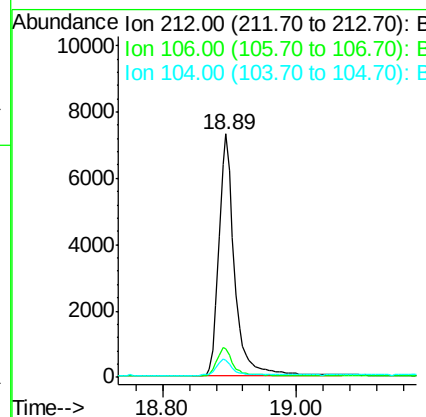
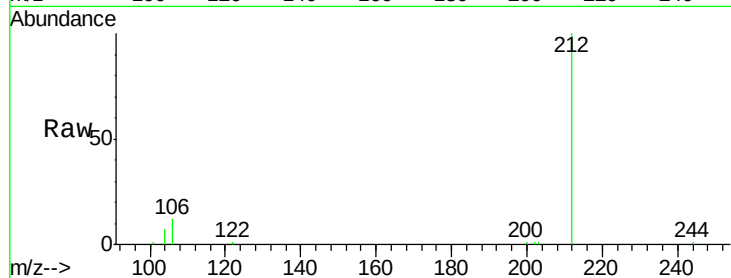




#25
 Fluoranthene-d10
 Concen: 0.368 ng
 RT: 18.89 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BN009407.D
 Acq: 21 Jan 2020 10:29

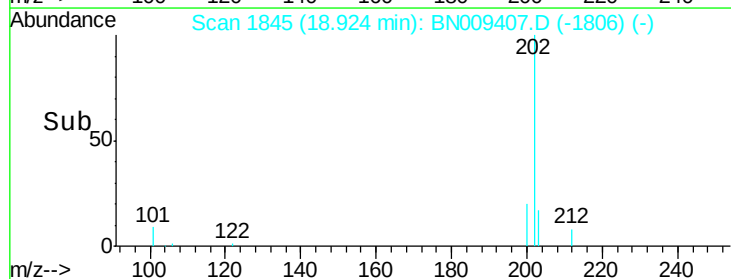
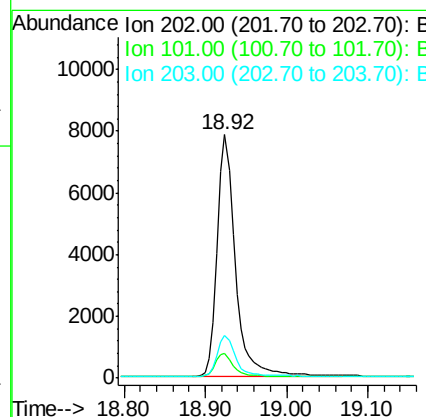
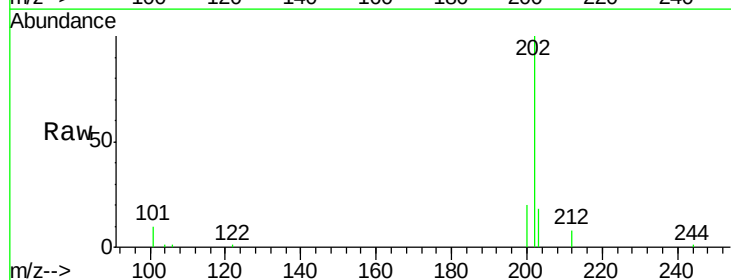
Instrument :
 BNA_N
 ClientSampleId :

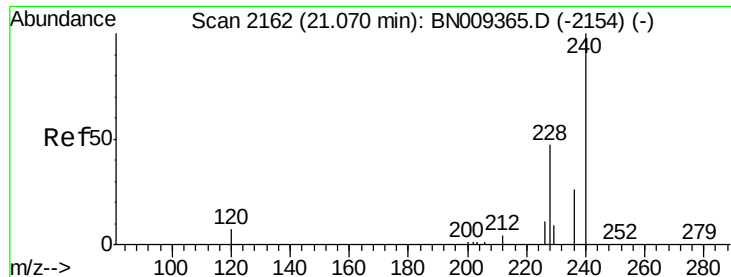
Tot Ion:212 Resp: 11934
 Ion Ratio Lower Upper
 212 100
 106 11.8 9.2 13.8
 104 6.7 5.4 8.0



#26
 Fluoranthene
 Concen: 0.367 ng
 RT: 18.92 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BN009407.D
 Acq: 21 Jan 2020 10:29

Tgt Ion:202 Resp: 12213
 Ion Ratio Lower Upper
 202 100
 101 10.2 8.0 12.0
 203 16.9 13.5 20.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

Instrument :

BNA_N

ClientSampleId :

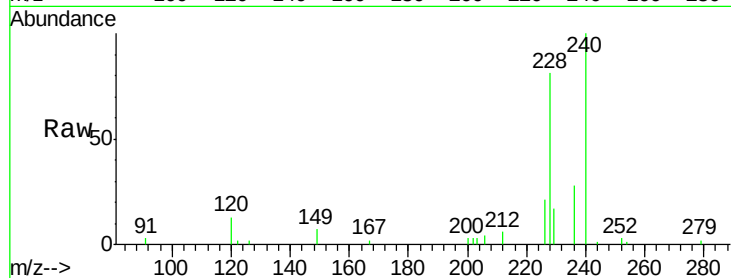
Tot Ion:240 Resp: 8519

Ion Ratio Lower Upper

240 100

120 13.3 8.1 12.1#

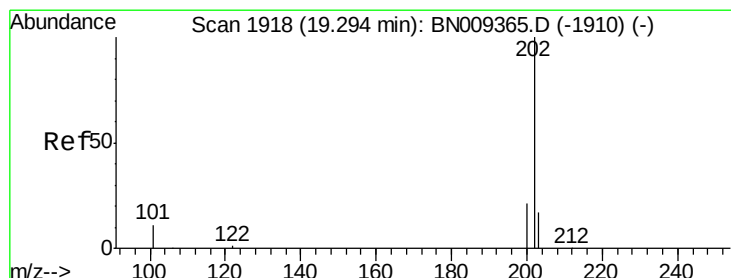
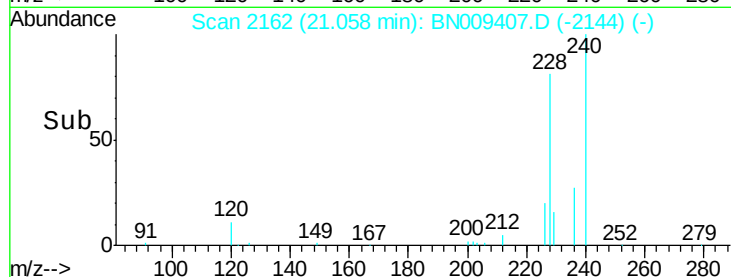
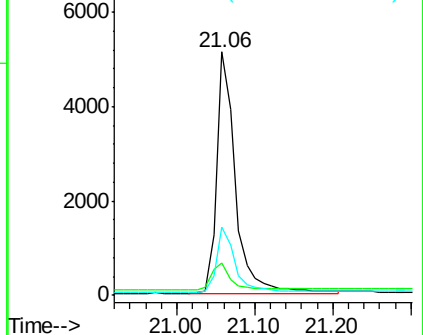
236 28.0 22.2 33.4



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: 0.381 ng

RT: 19.29 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

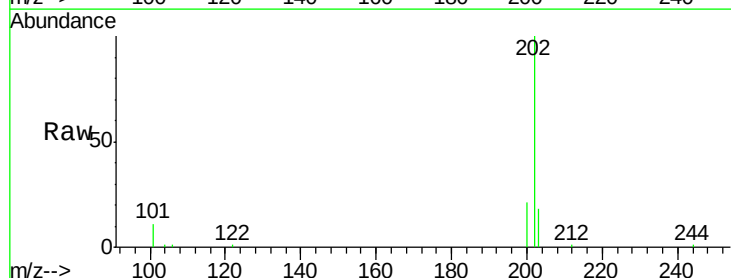
Tgt Ion:202 Resp: 12307

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

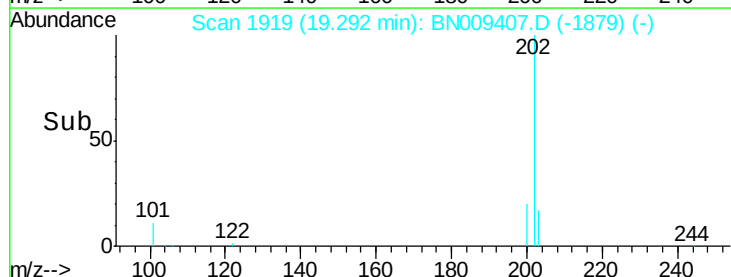
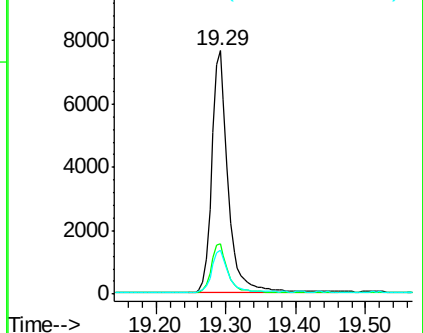
203 17.3 14.1 21.1

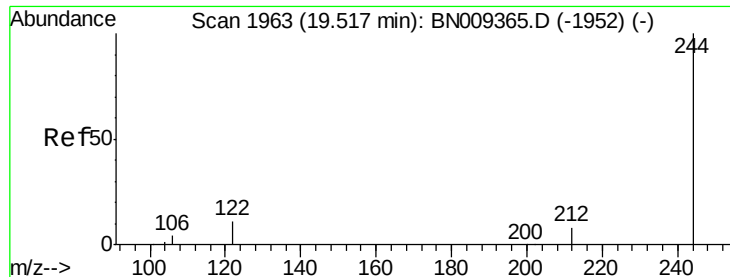


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.372 ng

RT: 19.51 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

Instrument :

BNA_N

ClientSampleId :

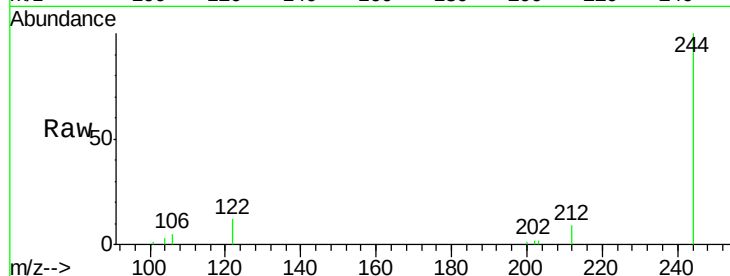
Tot Ion:244 Resp: 7505

Ion Ratio Lower Upper

244 100

212 9.3 7.5 11.3

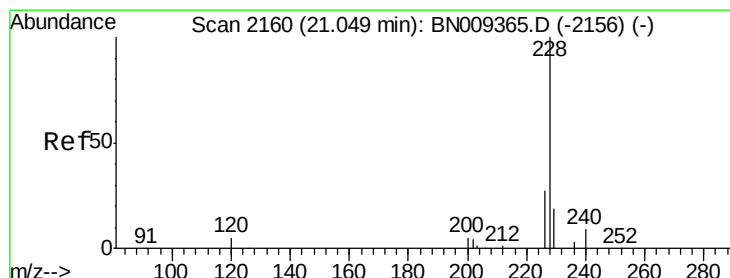
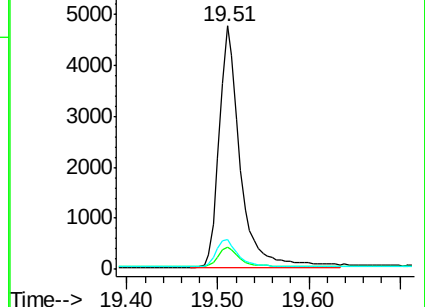
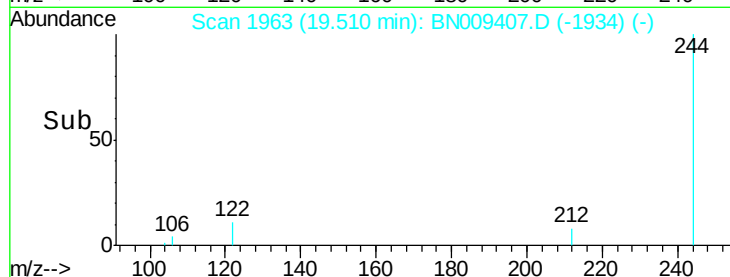
122 12.3 9.8 14.6



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: 0.382 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

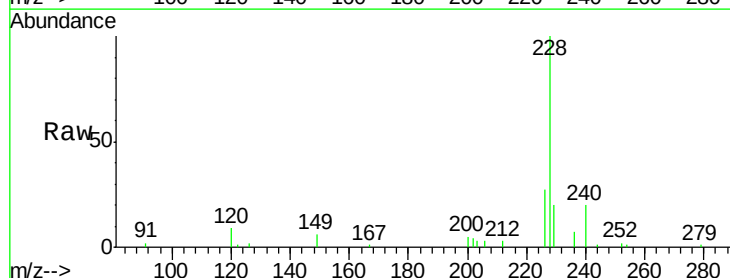
Tgt Ion:228 Resp: 10688

Ion Ratio Lower Upper

228 100

226 26.6 22.5 33.7

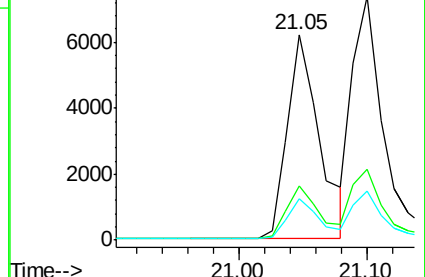
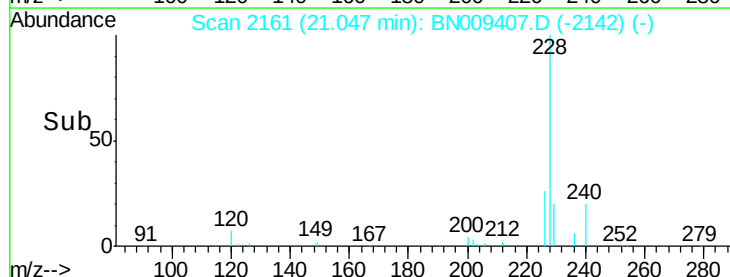
229 20.1 16.1 24.1

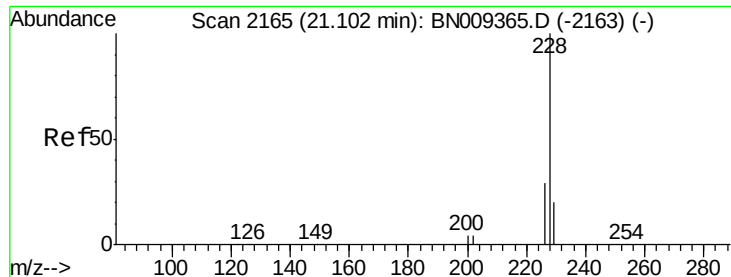


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.378 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

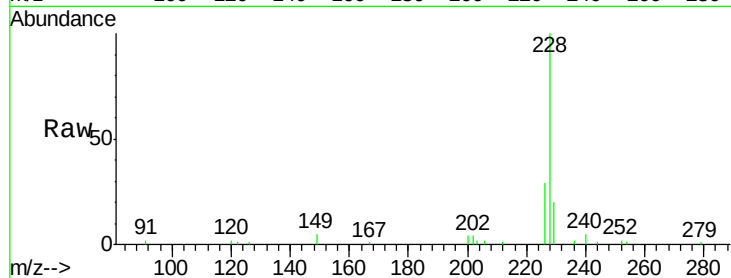
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 12096

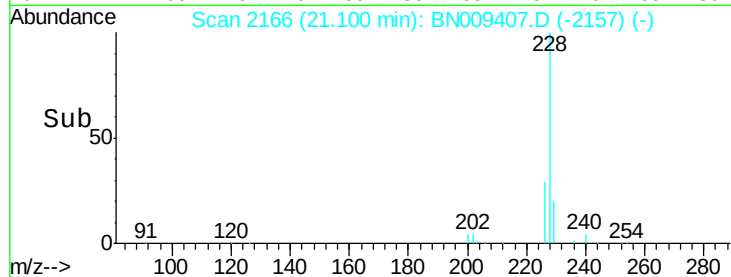
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.8
229	20.3	16.6	24.8



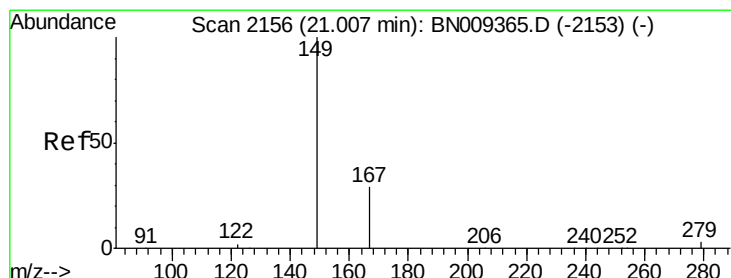
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.357 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

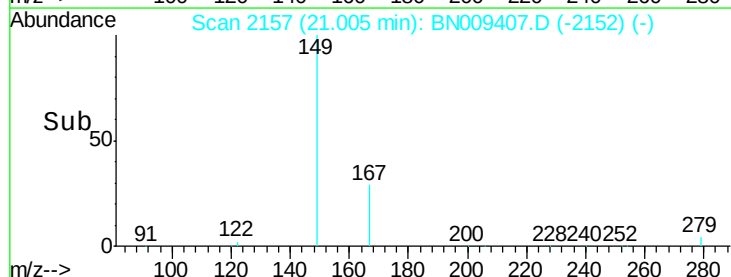
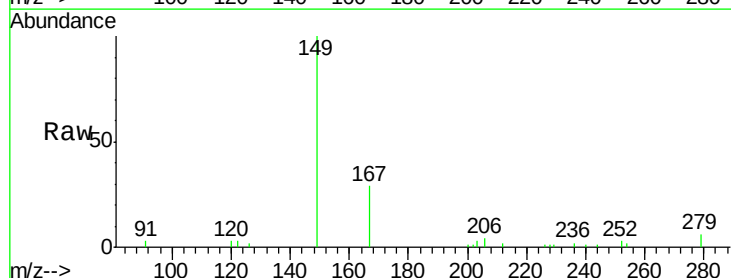
Tgt Ion:149 Resp: 4417

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.9	34.3
279	4.1	3.4	5.0

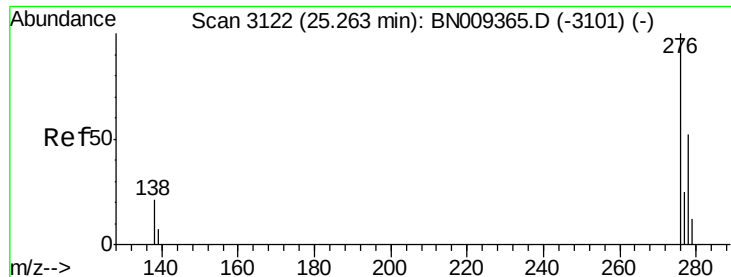
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



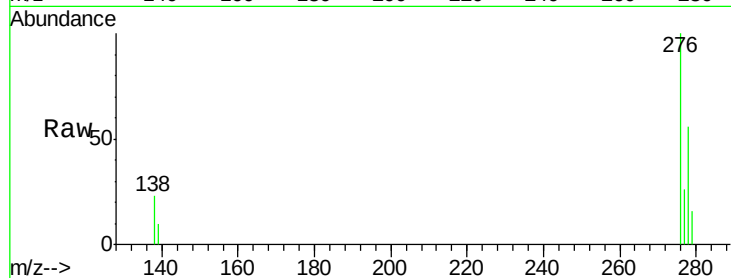
Time-->



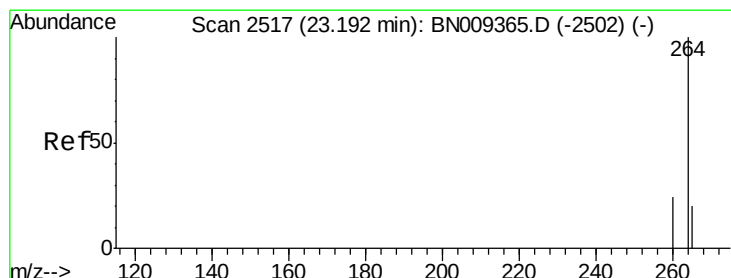
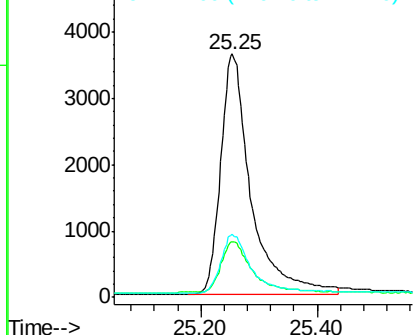
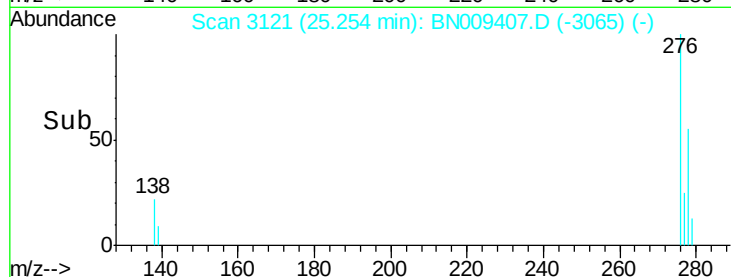
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng
RT: 25.25 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BN009407.D
Acq: 21 Jan 2020 10:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 13201
Ion Ratio Lower Upper
276 100
138 21.6 15.9 23.9
277 24.5 19.8 29.6

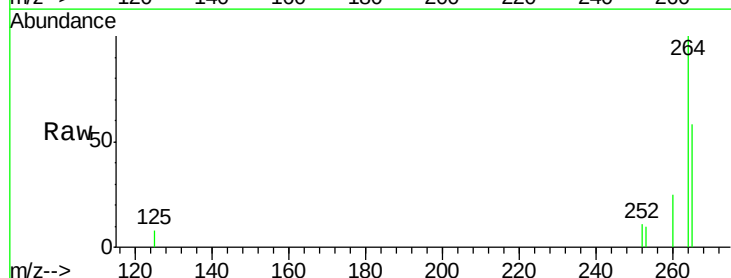


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

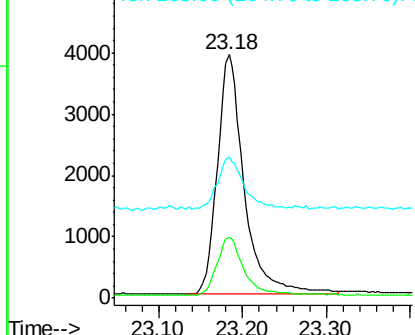
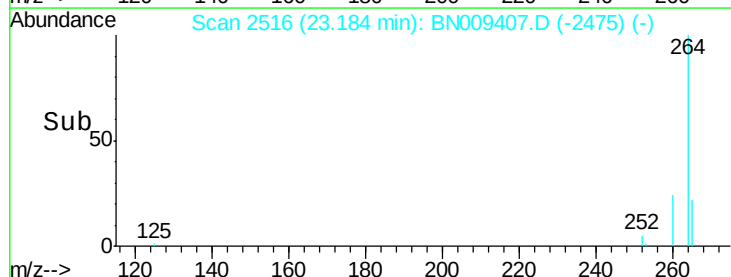


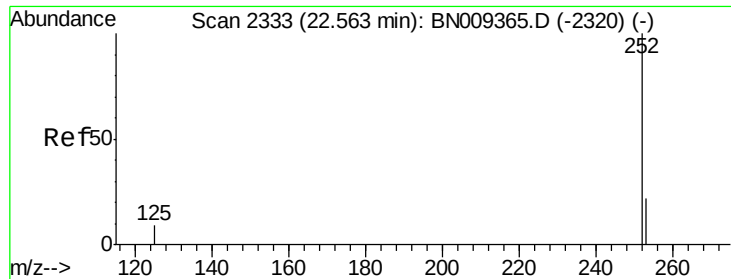
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.18 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BN009407.D
Acq: 21 Jan 2020 10:29

Tgt Ion:264 Resp: 8680
Ion Ratio Lower Upper
264 100
260 24.9 20.1 30.1
265 58.0 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: 0.359 ng

RT: 22.56 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

Instrument :

BNA_N

ClientSampleId :

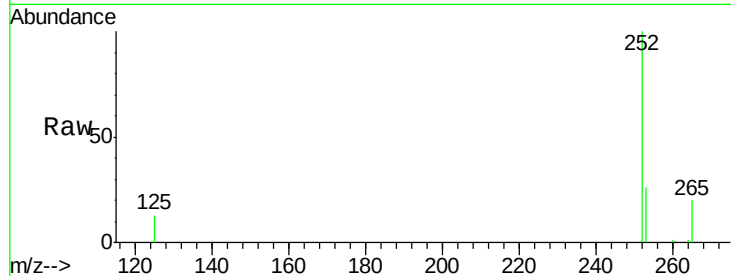
Tot Ion:252 Resp: 11475

Ion Ratio Lower Upper

252 100

253 25.8 22.4 33.6

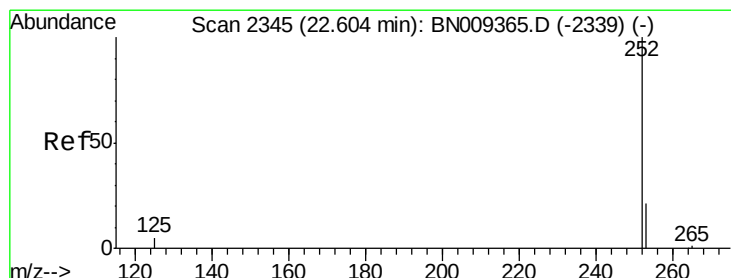
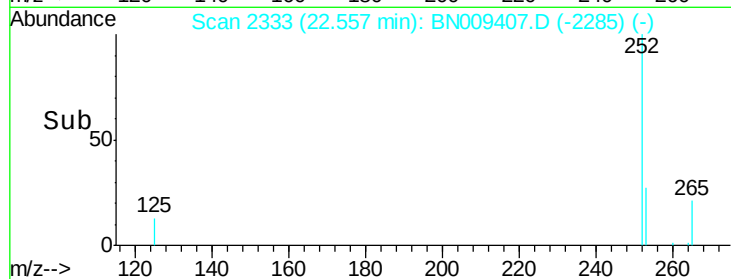
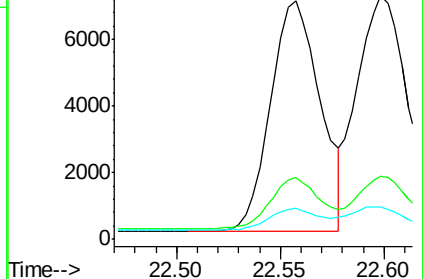
125 12.8 11.6 17.4



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: 0.386 ng

RT: 22.60 min Scan# 2345

Delta R.T. -0.01 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

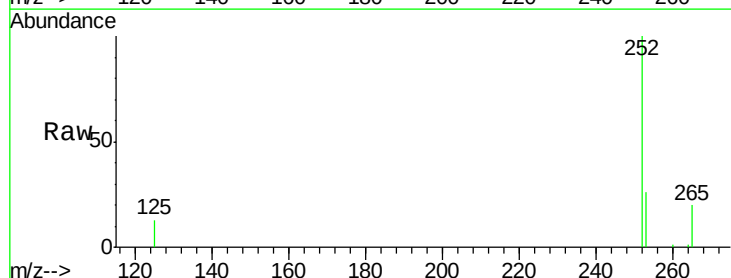
Tgt Ion:252 Resp: 13617

Ion Ratio Lower Upper

252 100

253 25.8 21.9 32.9

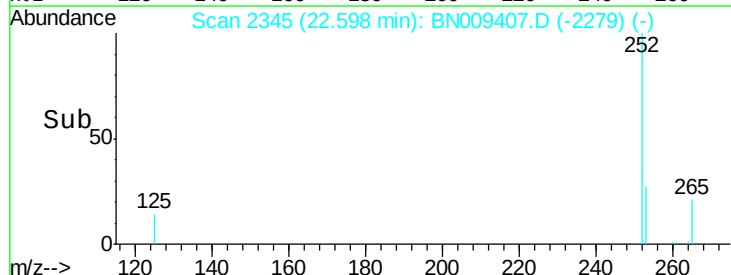
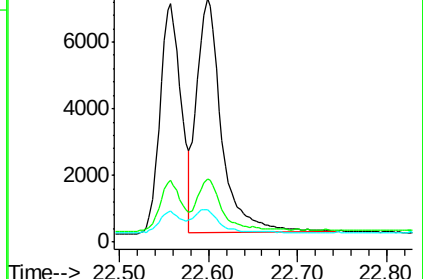
125 13.2 12.0 18.0

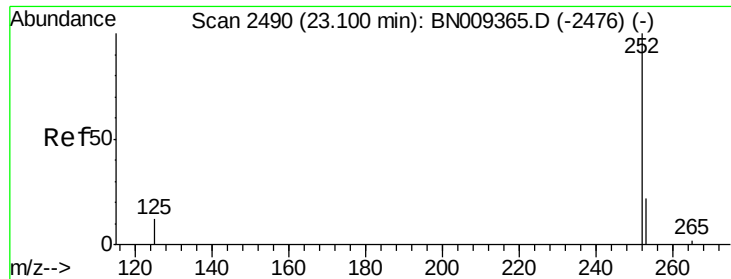


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.376 ng

RT: 23.09 min Scan# 2490

Delta R.T. -0.01 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

Instrument :

BNA_N

ClientSampleId :

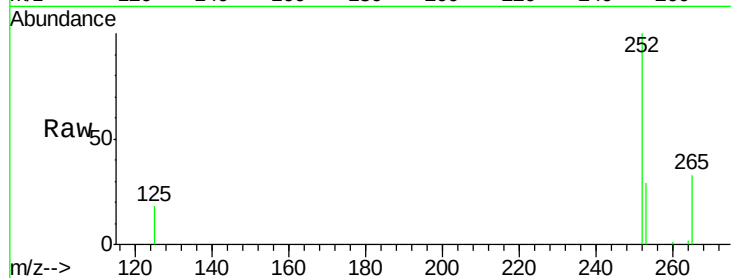
Tot Ion:252 Resp: 10561

Ion Ratio Lower Upper

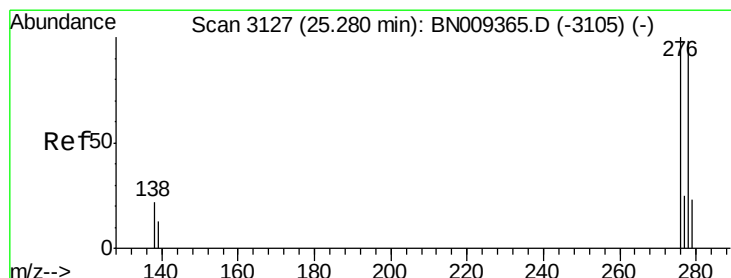
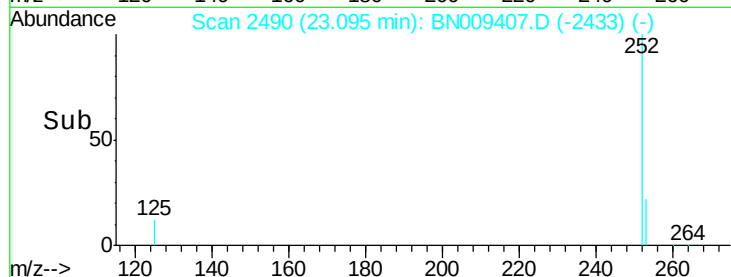
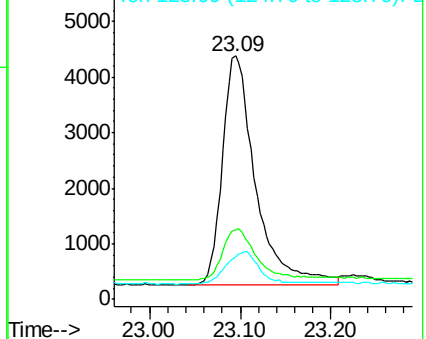
252 100

253 28.8 25.4 38.0

125 17.8 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: 0.367 ng

RT: 25.27 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

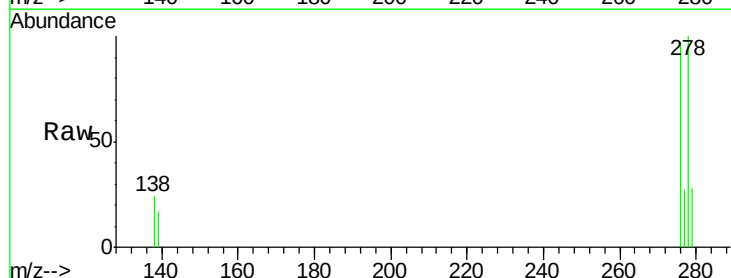
Tgt Ion:278 Resp: 10382

Ion Ratio Lower Upper

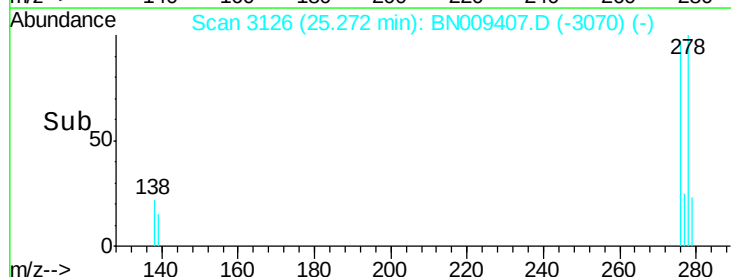
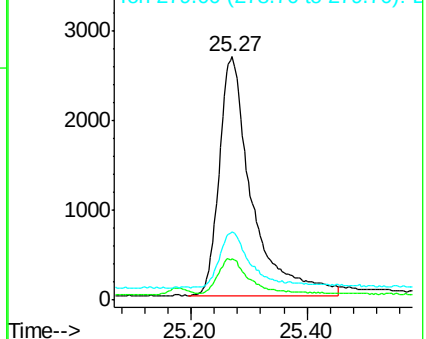
278 100

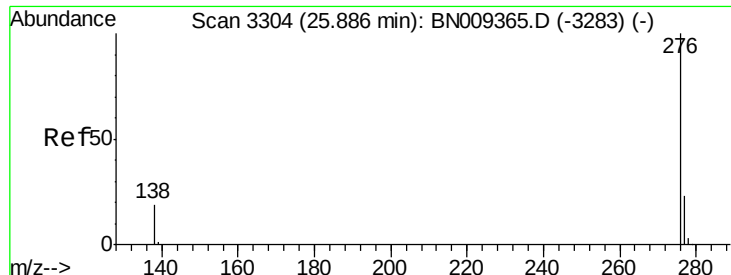
139 17.0 14.5 21.7

279 27.9 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: 0.371 ng

RT: 25.88 min Scan# 3304

Delta R.T. -0.01 min

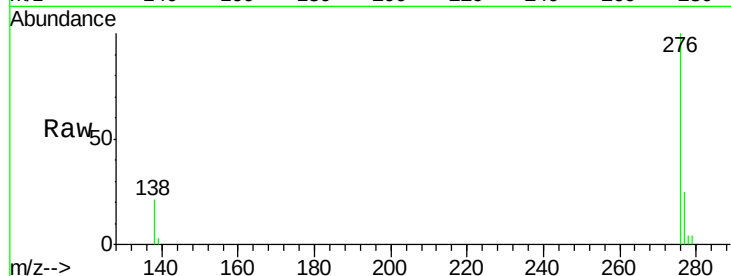
Lab File: BN009407.D

Acq: 21 Jan 2020 10:29

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 11552

Ion Ratio Lower Upper

276 100

277 25.5 20.6 30.8

138 20.8 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

