

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011520\
 Data File : BN009381.D
 Acq On : 15 Jan 2020 16:51
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 15 17:31:49 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	1462	0.40	ng	0.00
7) Naphthalene-d8	10.23	136	5066	0.40	ng	0.00
13) Acenaphthene-d10	14.10	164	3233	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	7194	0.40	ng	0.00
27) Chrysene-d12	21.07	240	6290	0.40	ng	0.00
34) Perylene-d12	23.19	264	6372	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	1318	0.39	ng	0.00
5) Phenol-d6	6.67	99	1576	0.40	ng	0.00
8) Nitrobenzene-d5	8.62	82	1546	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	11.82	152	3934	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.62	330	442	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.72	172	4910	0.41	ng	0.00
25) Fluoranthene-d10	18.90	212	9430	0.38	ng	0.00
29) Terphenyl-d14	19.52	244	6005	0.40	ng	0.00

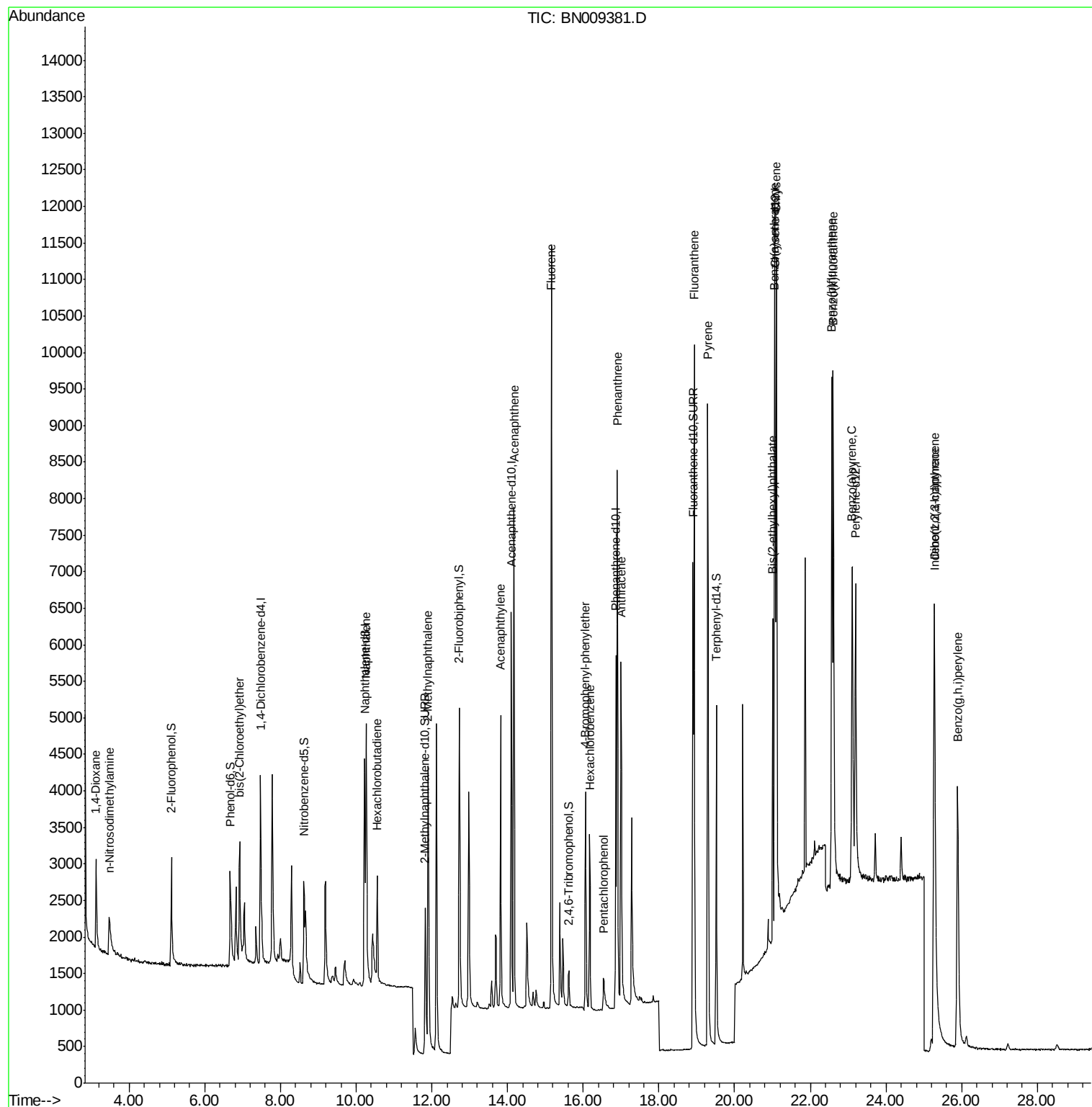
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.13	88	609	0.399	ng	99
3) n-Nitrosodimethylamine	3.47	42	866	0.368	ng	# 91
6) bis(2-Chloroethyl)ether	6.92	93	1503	0.375	ng	97
9) Naphthalene	10.27	128	5695	0.415	ng	99
10) Hexachlorobutadiene	10.56	225	1221	0.406	ng	# 99
12) 2-Methylnaphthalene	11.90	142	3899	0.408	ng	99
16) Acenaphthylene	13.82	152	5268	0.378	ng	99
17) Acenaphthene	14.17	154	3957	0.404	ng	99
18) Fluorene	15.16	166	5022	0.393	ng	100
20) 4-Bromophenyl-phenylether	16.06	248	1673	0.386	ng	91
21) Hexachlorobenzene	16.17	284	1767	0.383	ng	99
22) Pentachlorophenol	16.54	266	406	0.396	ng	96
23) Phenanthrene	16.90	178	8420	0.390	ng	100
24) Anthracene	17.00	178	6745	0.372	ng	100
26) Fluoranthene	18.93	202	9694	0.382	ng	100
28) Pyrene	19.29	202	9759	0.409	ng	100
30) Benzo(a)anthracene	21.06	228	7802	0.377	ng	98
31) Chrysene	21.10	228	9965	0.421	ng	99
32) Bis(2-ethylhexyl)phthalate	21.00	149	3637	0.398	ng	99
33) Indeno(1,2,3-cd)pyrene	25.27	276	9945	0.404	ng	98
35) Benzo(b)fluoranthene	22.56	252	9060	0.387	ng	99
36) Benzo(k)fluoranthene	22.61	252	10143	0.392	ng	99
37) Benzo(a)pyrene	23.10	252	8340	0.404	ng	97
38) Dibenzo(a,h)anthracene	25.29	278	7814	0.377	ng	99
39) Benzo(g,h,i)perylene	25.89	276	8761	0.384	ng	99

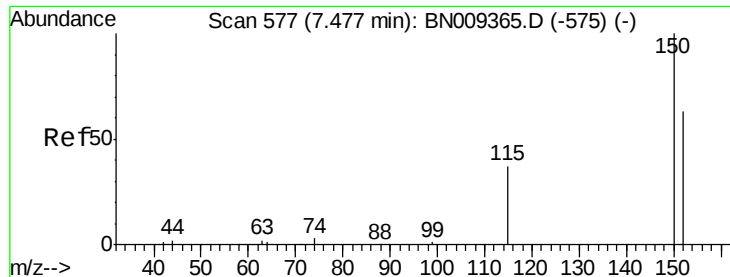
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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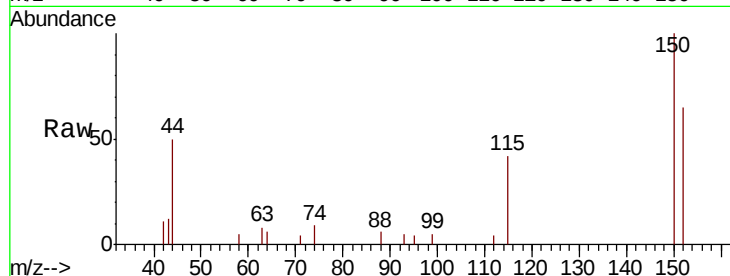


#1

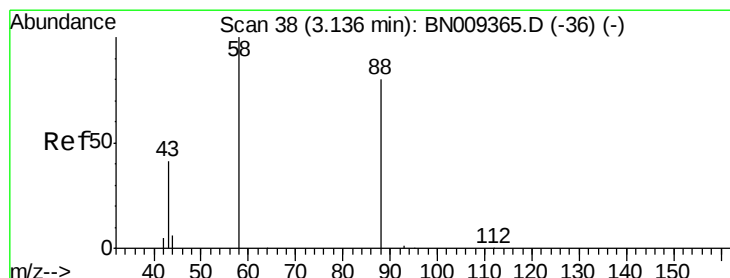
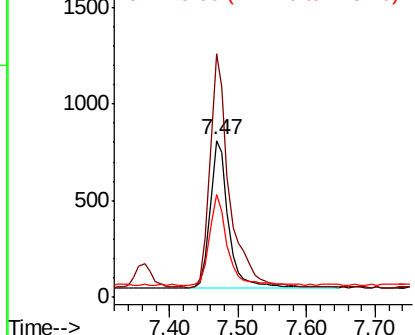
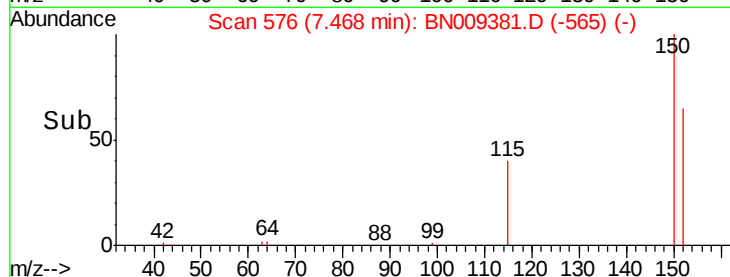
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1462
Ion Ratio Lower Upper
152 100
150 154.9 125.7 188.5
115 65.7 53.3 79.9



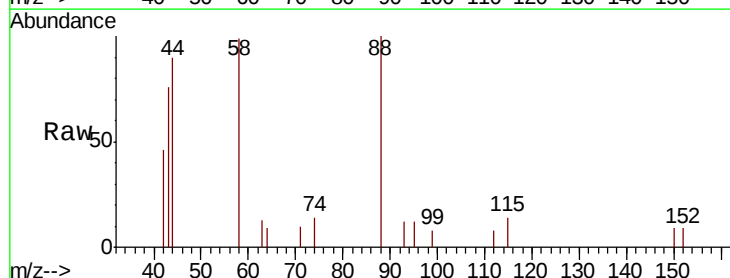
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



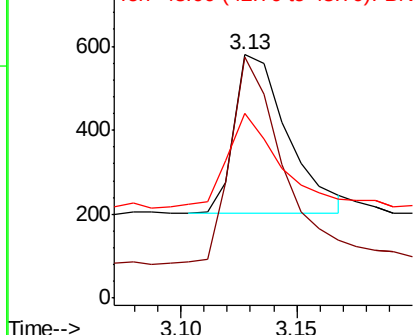
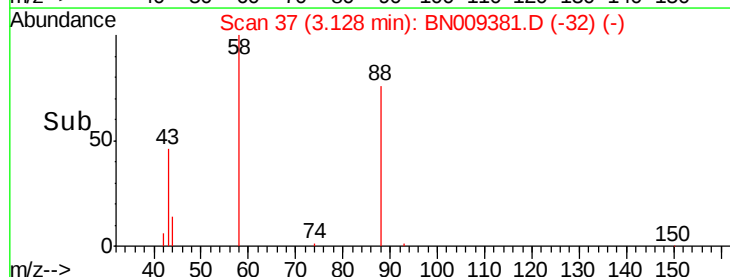
#2

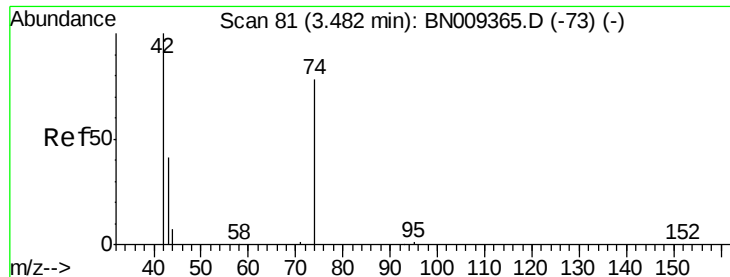
1,4-Dioxane
Concen: 0.399 ng
RT: 3.13 min Scan# 37
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion: 88 Resp: 609
Ion Ratio Lower Upper
88 100
58 125.8 100.2 150.2
43 55.0 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



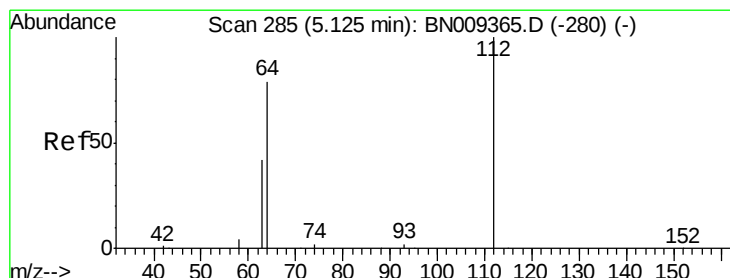
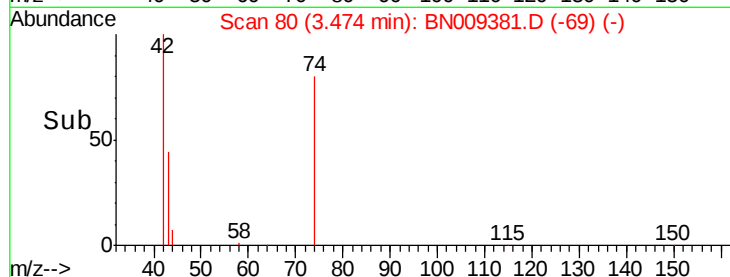
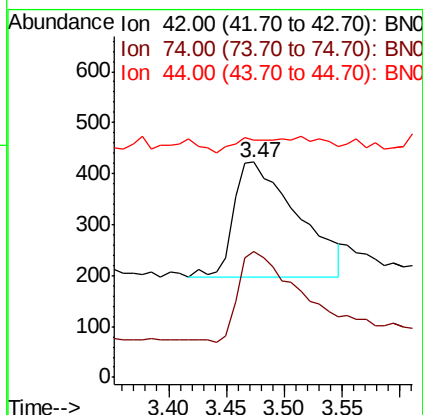
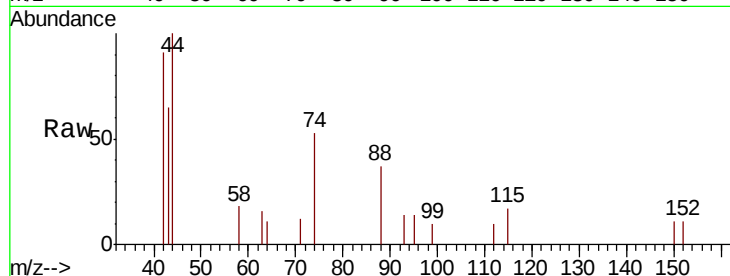


#3

n-Nitrosodimethylamine
 Concen: 0.368 ng
 RT: 3.47 min Scan# 80
 Delta R.T. -0.01 min
 Lab File: BN009381.D
 Acq: 15 Jan 2020 16:51

Instrument :
 BNA_N
 ClientSampleId :

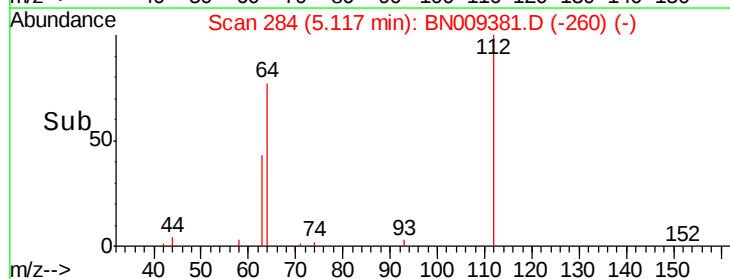
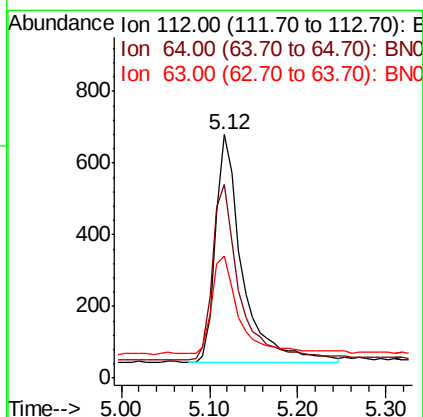
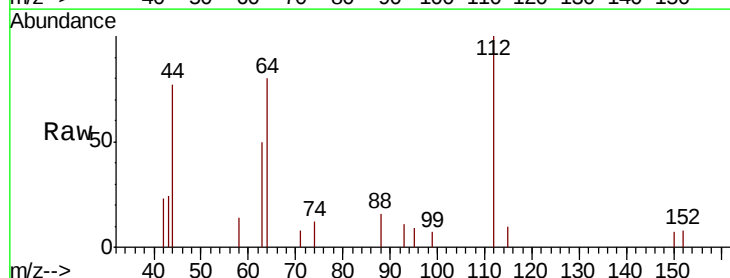
Tot Ion: 42 Resp: 866
 Ion Ratio Lower Upper
 42 100
 74 75.6 55.8 83.8
 44 6.0 11.1 16.7#

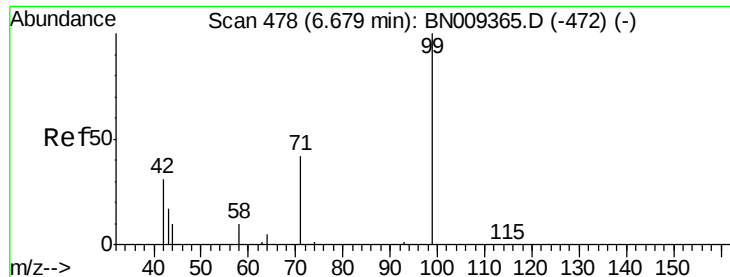


#4

2-Fluorophenol
 Concen: 0.392 ng
 RT: 5.12 min Scan# 284
 Delta R.T. -0.01 min
 Lab File: BN009381.D
 Acq: 15 Jan 2020 16:51

Tgt Ion: 112 Resp: 1318
 Ion Ratio Lower Upper
 112 100
 64 78.4 61.5 92.3
 63 42.5 35.0 52.4





#5

Phenol-d6

Concen: 0.405 ng

RT: 6.67 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

Instrument :

BNA_N

ClientSampleId :

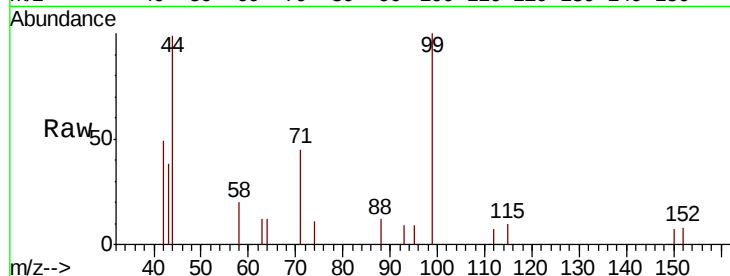
Tot Ion: 99 Resp: 1576

Ion Ratio Lower Upper

99 100

42 30.3 27.6 41.4

71 38.8 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BN009381.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN009381.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN009381.D (-472) (-)

6.67

800

600

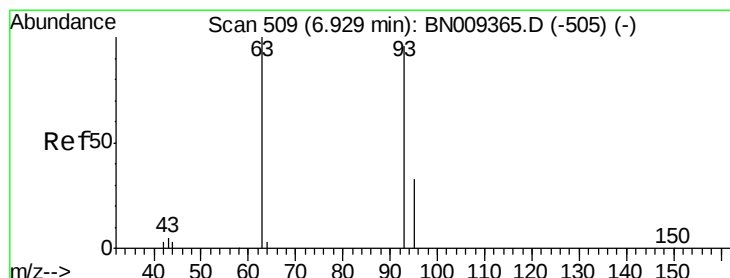
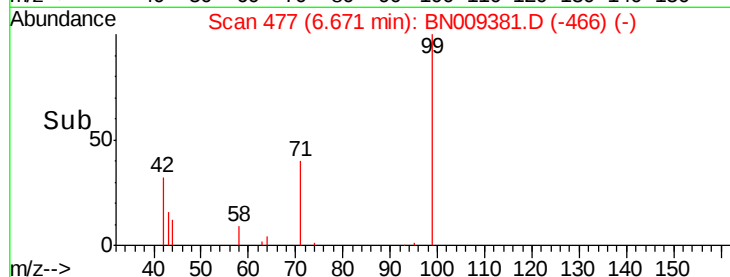
400

200

0

6.50 6.60 6.70 6.80 6.90

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.375 ng

RT: 6.92 min Scan# 508

Delta R.T. -0.01 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

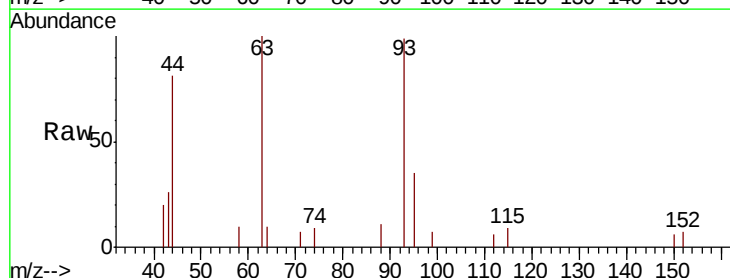
Tgt Ion: 93 Resp: 1503

Ion Ratio Lower Upper

93 100

63 104.3 85.1 127.7

95 34.9 30.2 45.4



Abundance Ion 93.00 (92.70 to 93.70): BN009381.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN009381.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN009381.D (-505) (-)

6.92

1200

1000

800

600

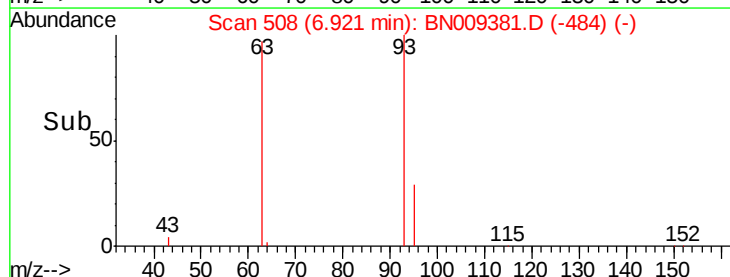
400

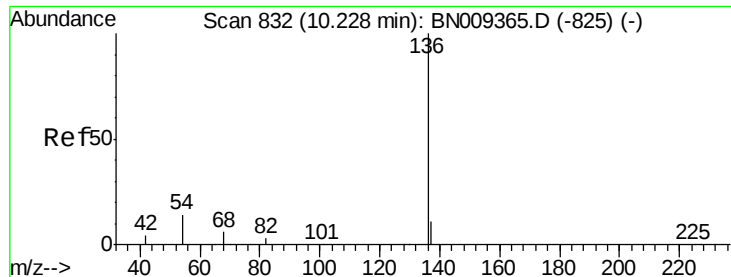
200

0

6.90 7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BN009381.D

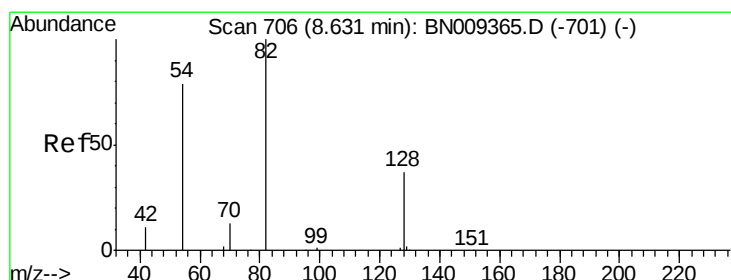
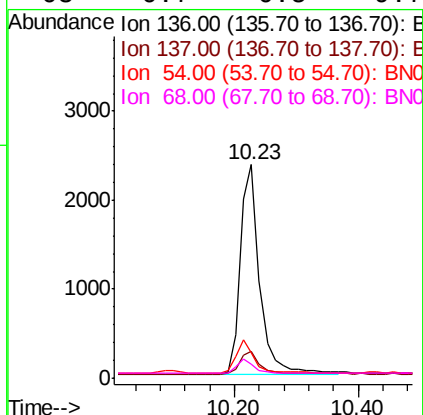
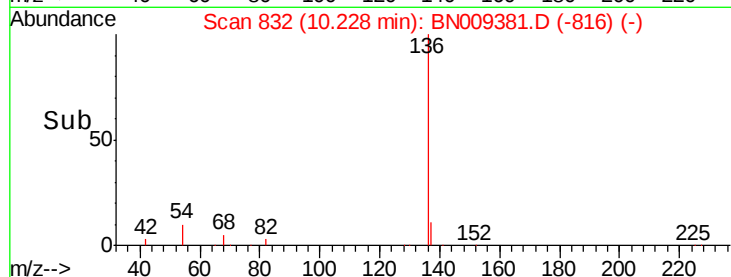
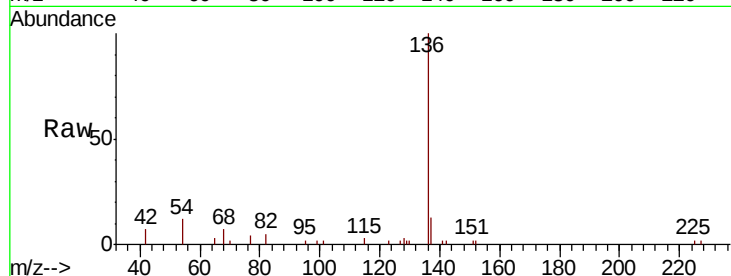
Acq: 15 Jan 2020 16:51

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136	Resp:	5066
Ion Ratio	Lower	Upper
136	100	
137	12.7	10.3 15.5
54	11.9	12.6 19.0#
68	6.7	6.5 9.7



#8

Nitrobenzene-d5

Concen: 0.383 ng

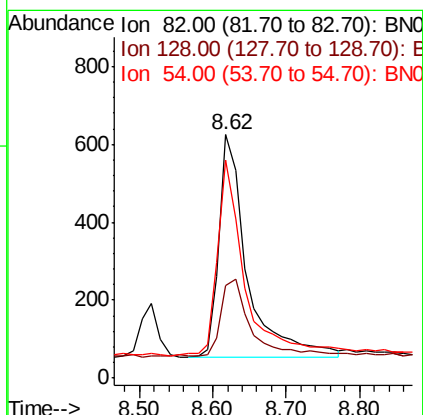
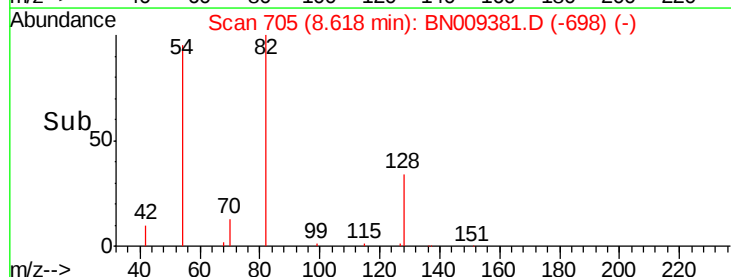
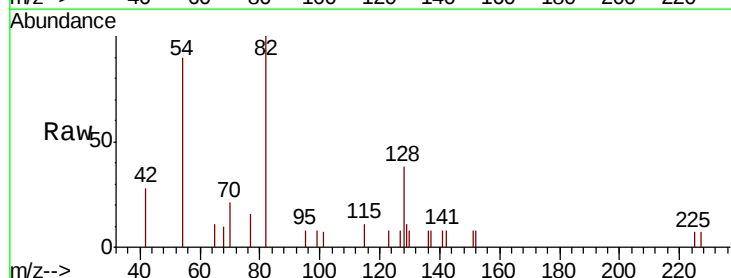
RT: 8.62 min Scan# 705

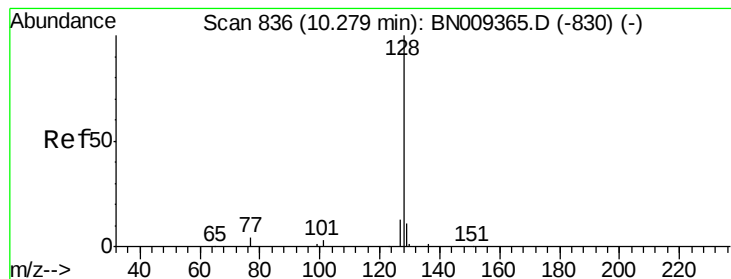
Delta R.T. -0.01 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

Tgt Ion: 82	Resp:	1546
Ion Ratio	Lower	Upper
82	100	
128	37.8	34.8 52.2
54	89.8	65.8 98.6





#9

Naphthalene

Concen: 0.415 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.01 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

Instrument :

BNA_N

ClientSampleId :

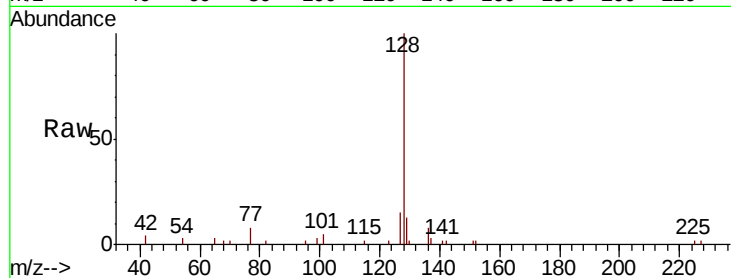
Tot Ion:128 Resp: 5695

Ion Ratio Lower Upper

128 100

129 12.5 10.4 15.6

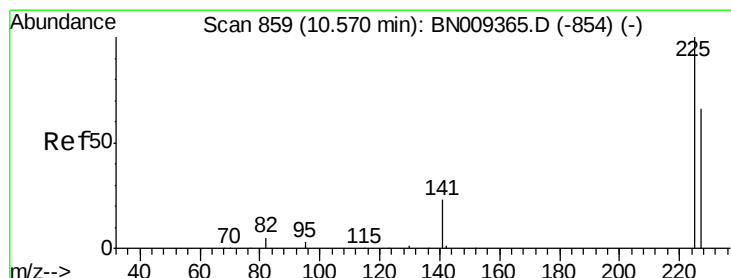
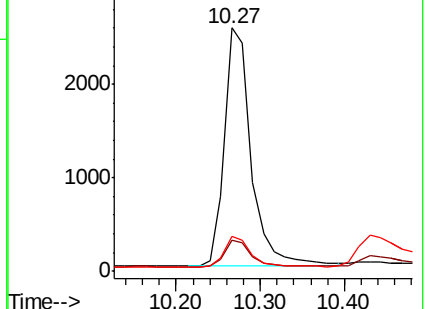
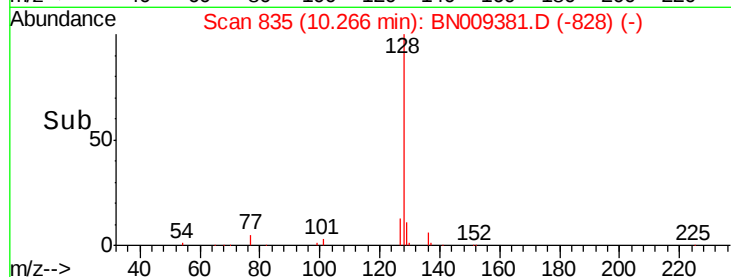
127 14.6 11.4 17.2



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: 0.406 ng

RT: 10.56 min Scan# 858

Delta R.T. -0.01 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

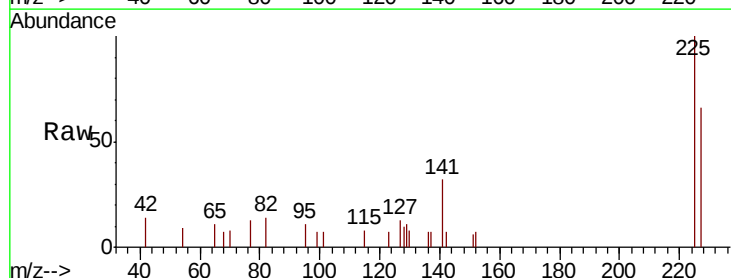
Tgt Ion:225 Resp: 1221

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

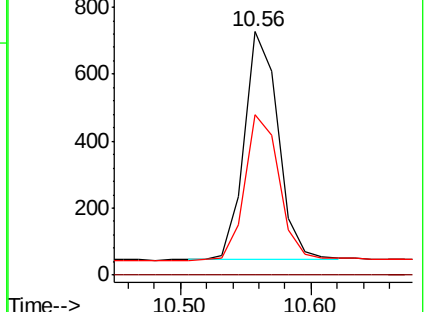
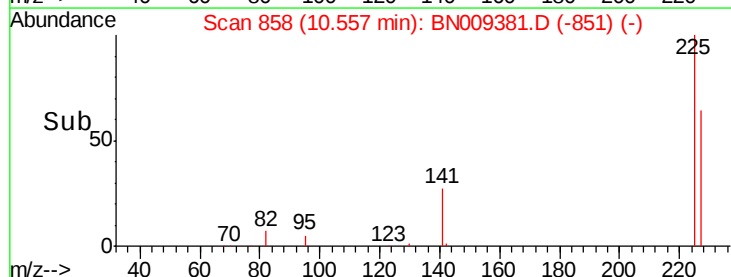
227 64.5 52.6 78.8

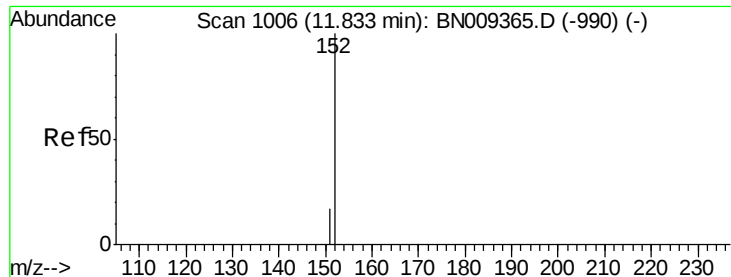


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

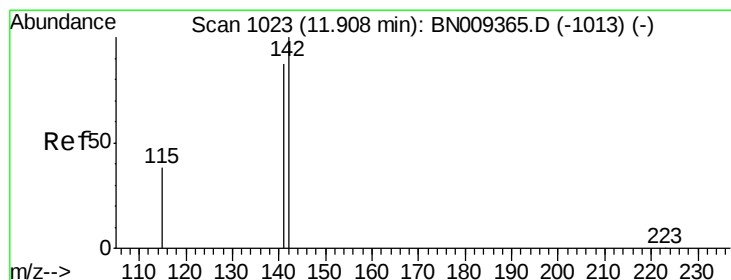
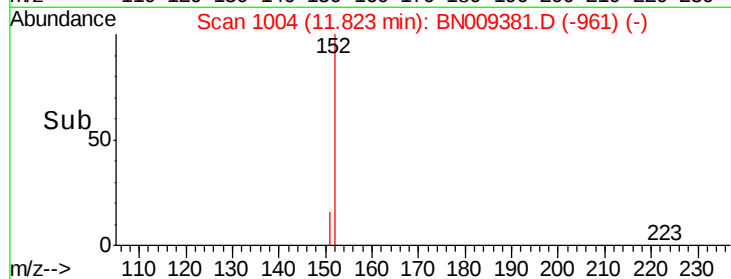
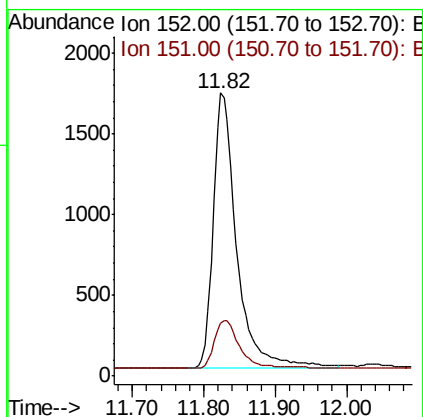
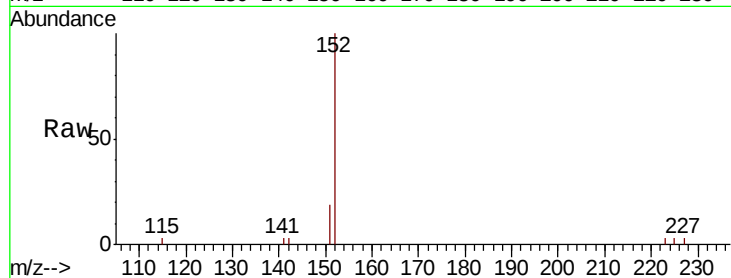




#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

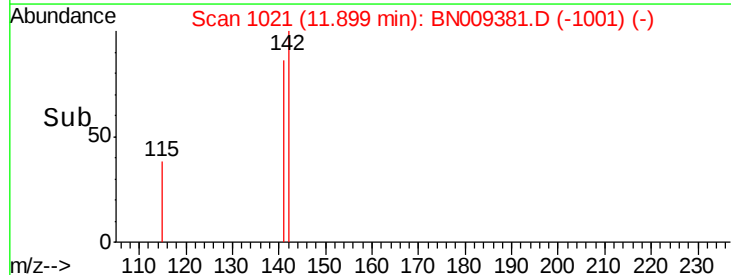
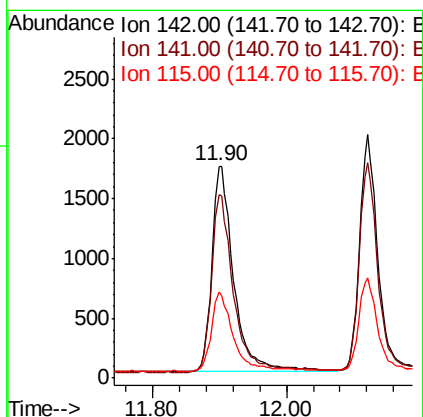
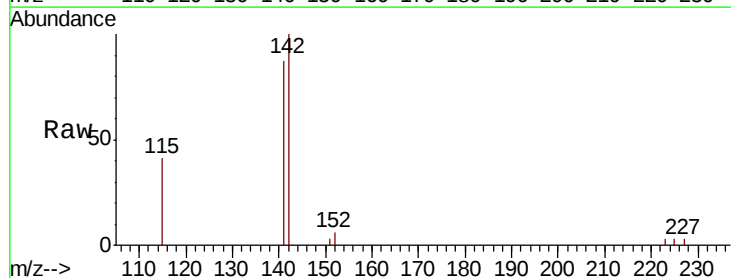
Instrument :
BNA_N
ClientSampleId :

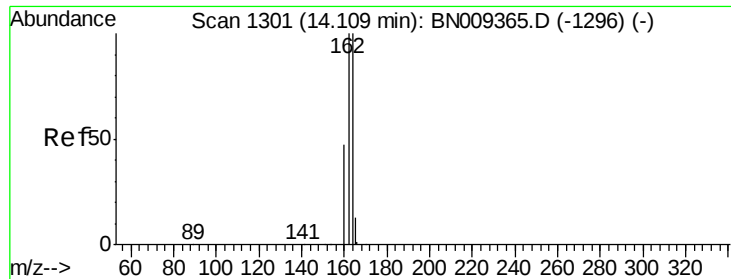
Tot Ion:152 Resp: 3934
Ion Ratio Lower Upper
152 100
151 18.5 14.8 22.2



#12
2-Methylnaphthalene
Concen: 0.408 ng
RT: 11.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion:142 Resp: 3899
Ion Ratio Lower Upper
142 100
141 86.6 69.8 104.6
115 40.7 32.5 48.7

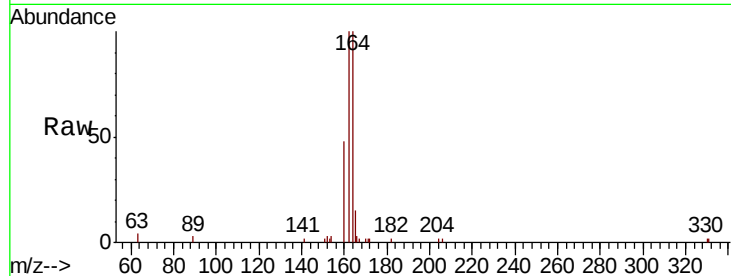




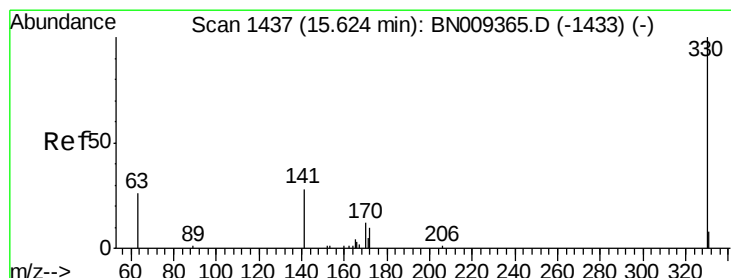
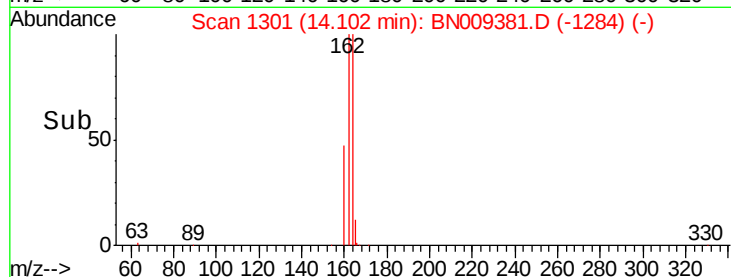
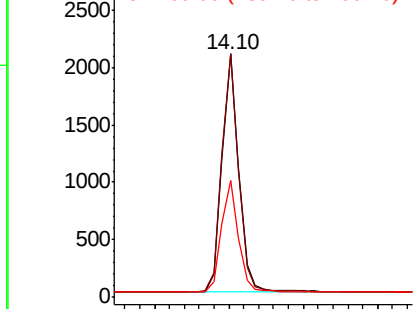
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampled :

Tot Ion:164 Resp: 3233
Ion Ratio Lower Upper
164 100
162 100.0 79.8 119.6
160 48.0 38.4 57.6

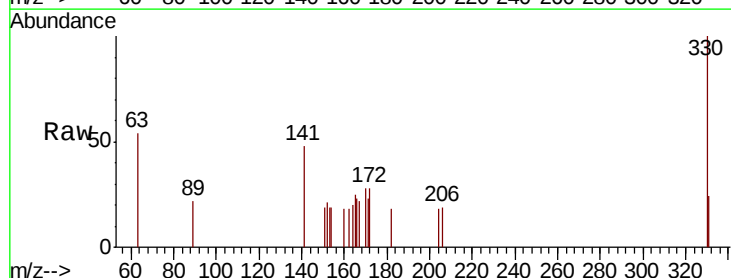


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

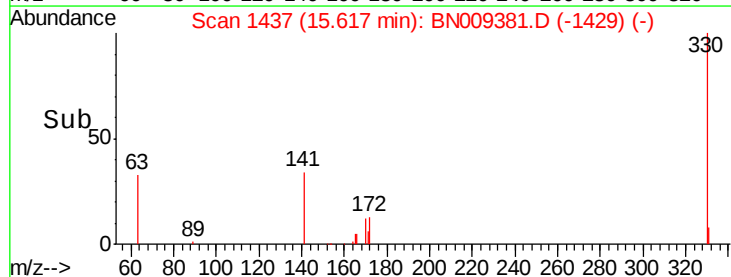
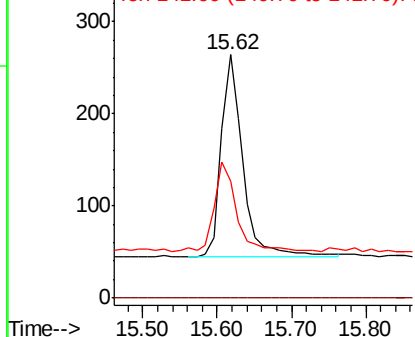


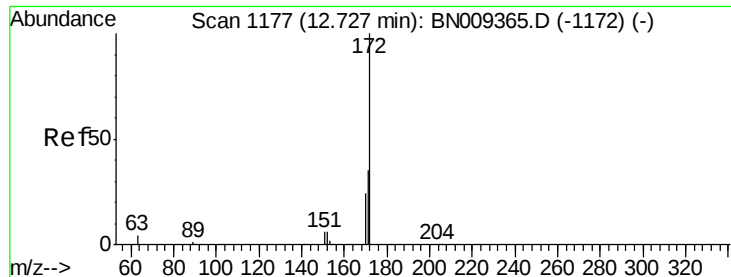
#14
2,4,6-Tribromophenol
Concen: 0.362 ng
RT: 15.62 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion:330 Resp: 442
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.0 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

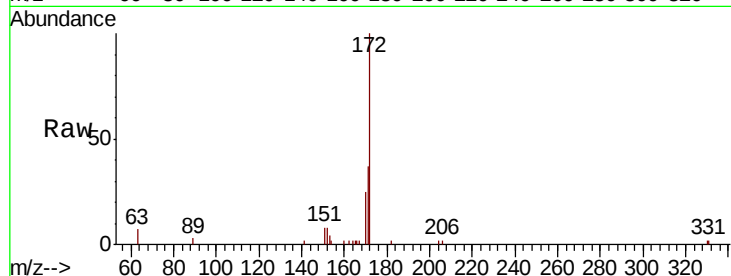




#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 12.72 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.5	44.3
170	25.2	20.7	31.1

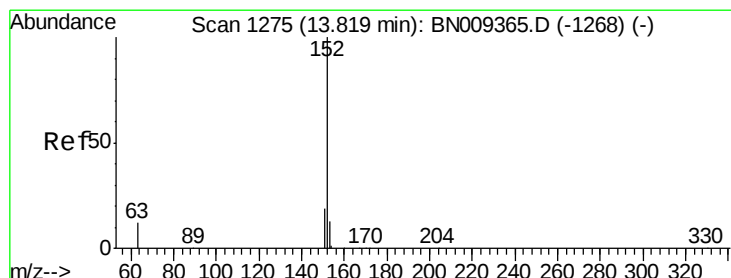
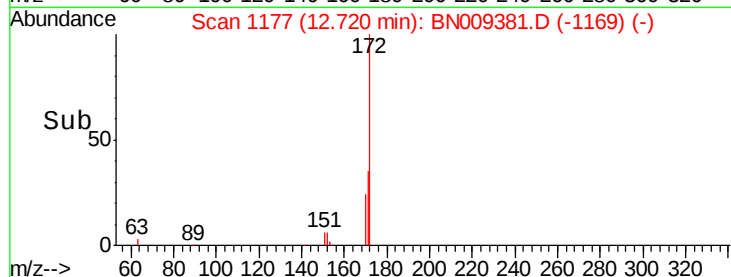
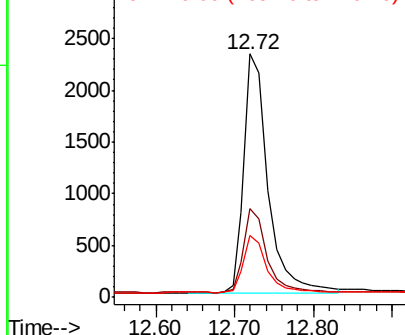


Abundance

Ion 172.00 (171.70 to 172.70): E

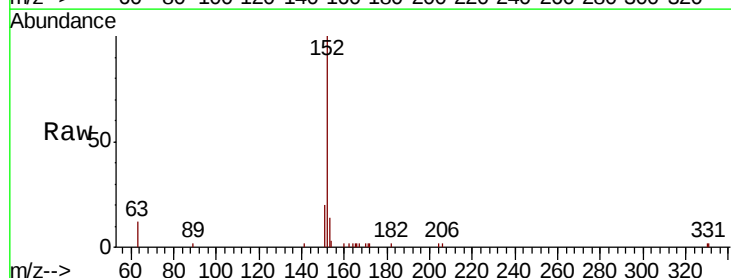
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.378 ng
RT: 13.82 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2
153	12.5	10.4	15.6

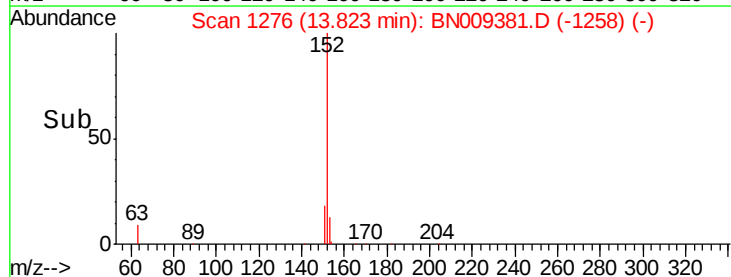
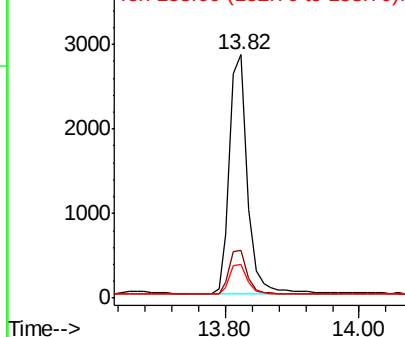


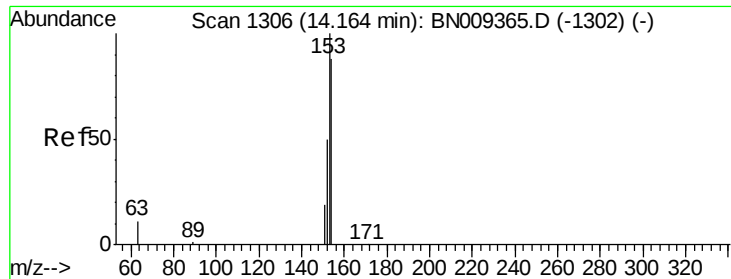
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.404 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

Instrument :

BNA_N

ClientSampleId :

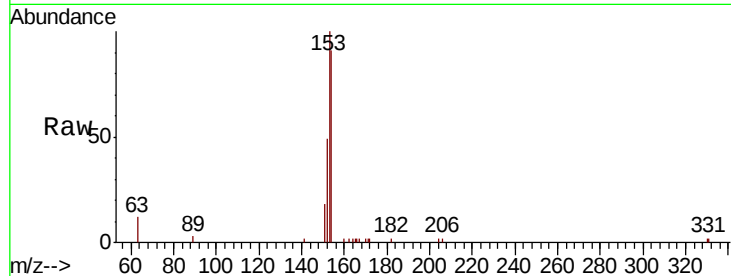
Tot Ion:154 Resp: 3957

Ion Ratio Lower Upper

154 100

153 111.9 90.5 135.7

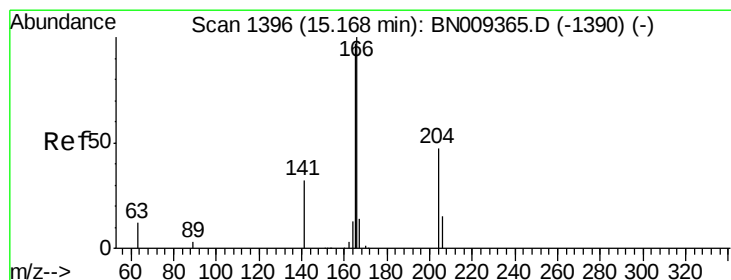
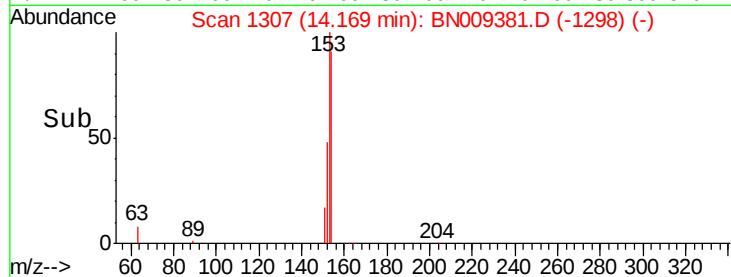
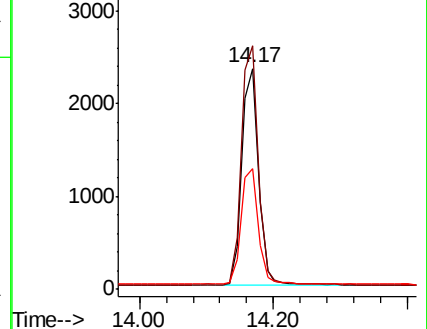
152 55.4 45.3 67.9



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: 0.393 ng

RT: 15.16 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

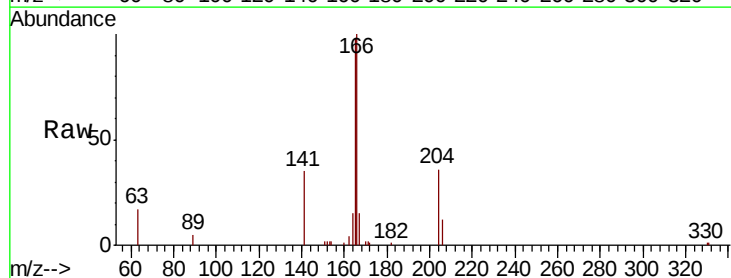
Tgt Ion:166 Resp: 5022

Ion Ratio Lower Upper

166 100

165 97.6 78.2 117.2

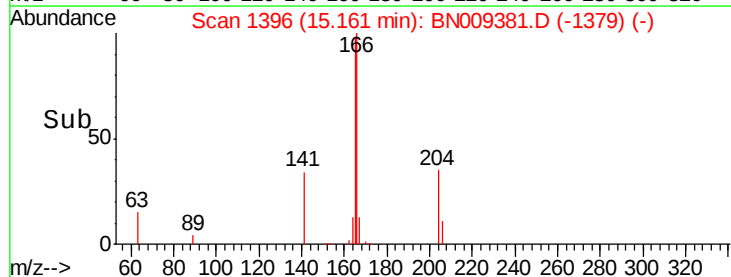
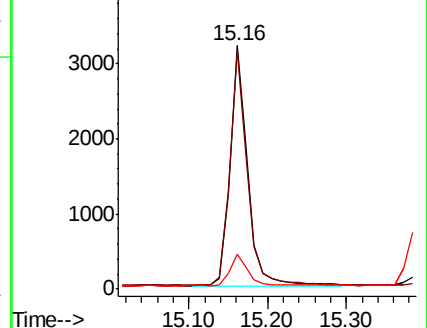
167 13.6 11.0 16.6

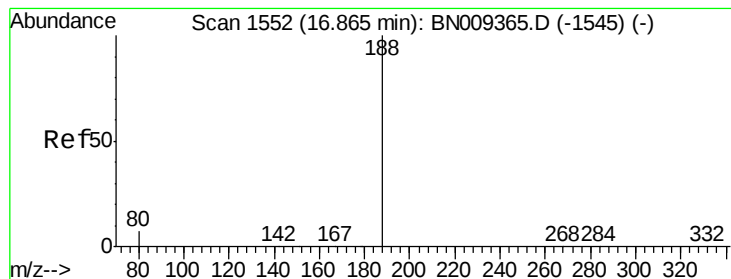


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN009381.D

Acq: 15 Jan 2020 16:51

Instrument :

BNA_N

ClientSampleId :

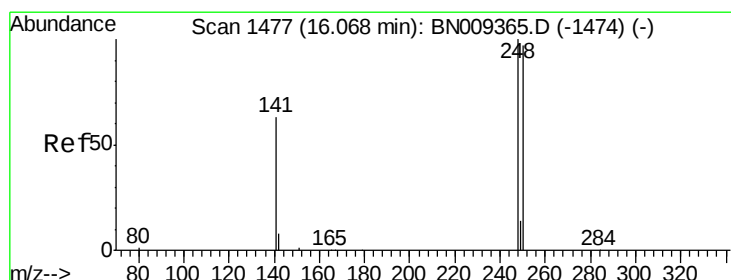
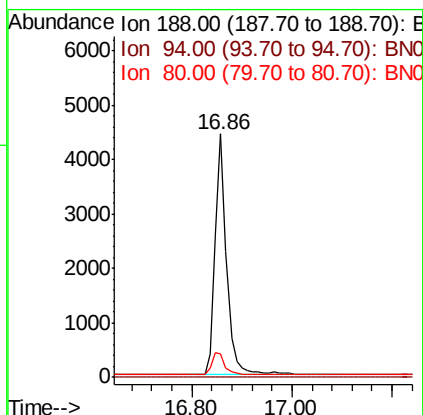
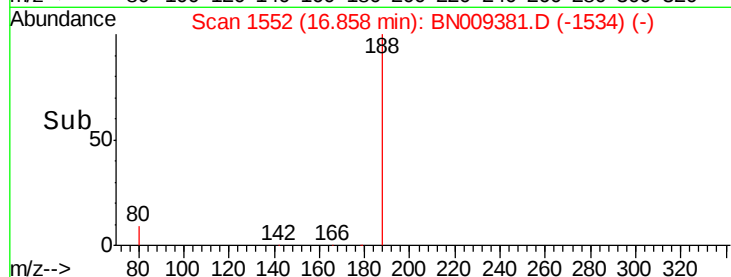
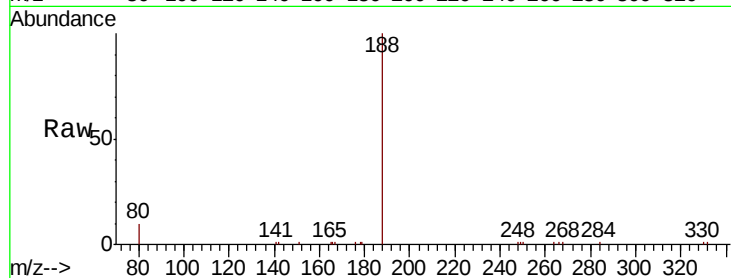
Tot Ion:188 Resp: 7194

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 6.6 10.0



#20

4-Bromophenyl-phenylether

Concen: 0.386 ng

RT: 16.06 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

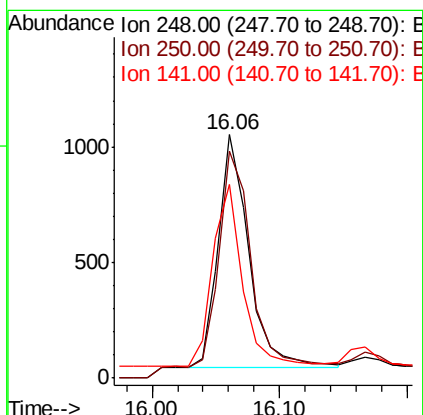
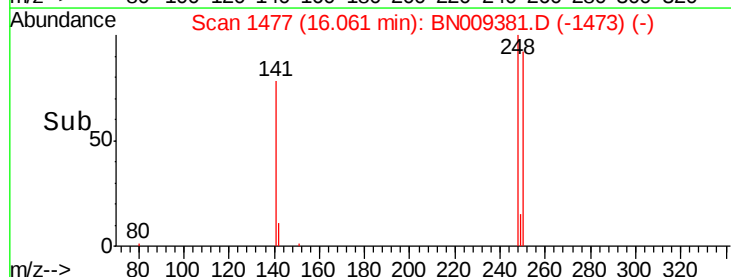
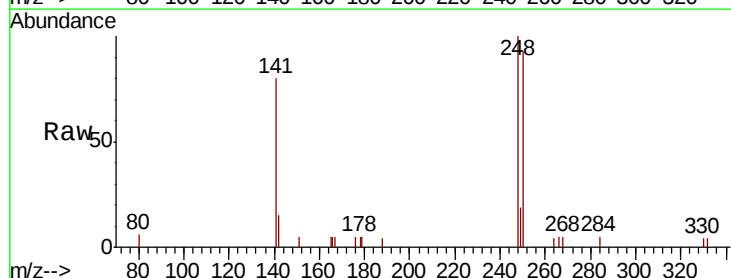
Tgt Ion:248 Resp: 1673

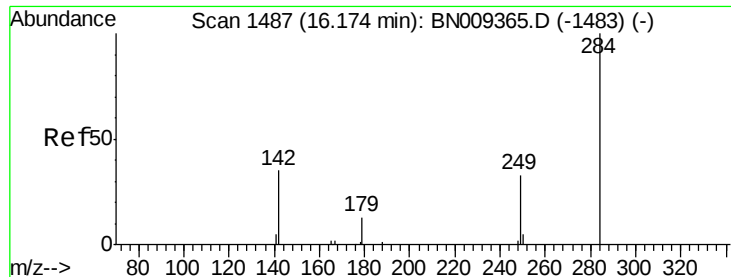
Ion Ratio Lower Upper

248 100

250 93.0 77.8 116.8

141 79.7 53.4 80.0





#21

Hexachlorobenzene

Concen: 0.383 ng

RT: 16.17 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

Instrument :

BNA_N

ClientSampled :

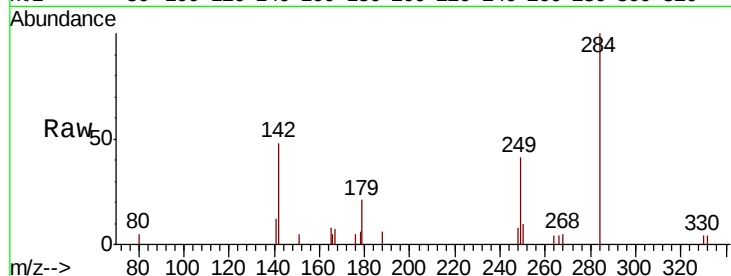
Tot Ion:284 Resp: 1767

Ion Ratio Lower Upper

284 100

142 42.9 33.8 50.8

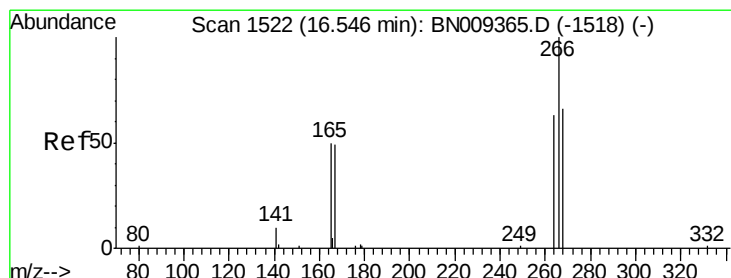
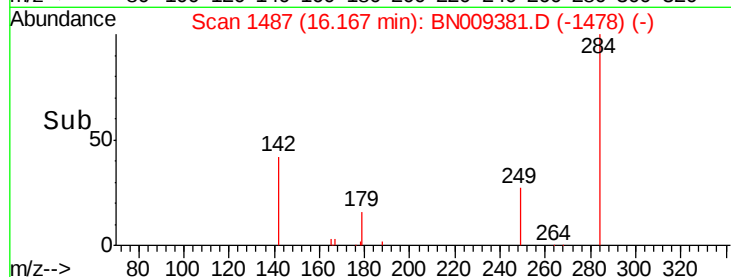
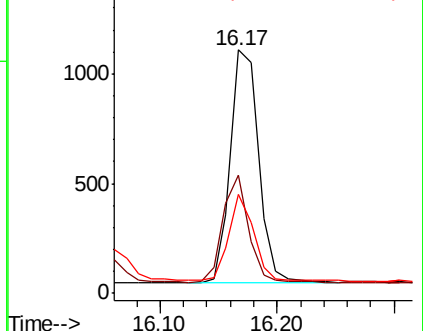
249 33.3 27.0 40.4



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: 0.396 ng

RT: 16.54 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

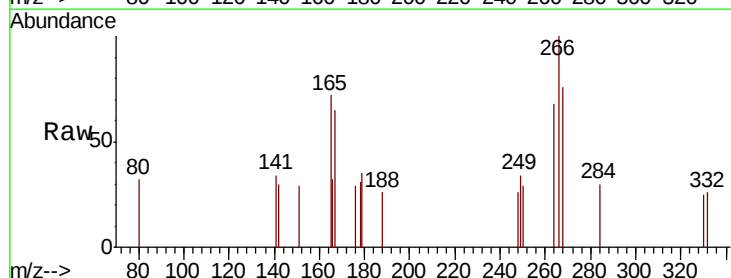
Tgt Ion:266 Resp: 406

Ion Ratio Lower Upper

266 100

264 68.2 57.8 86.6

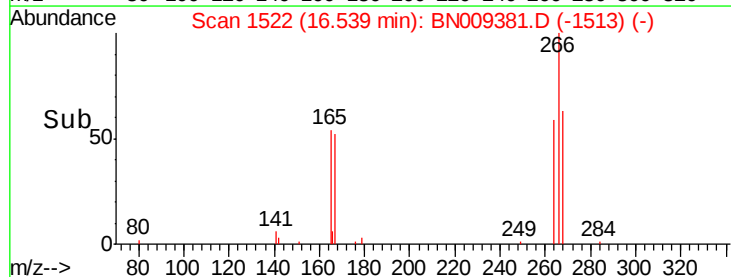
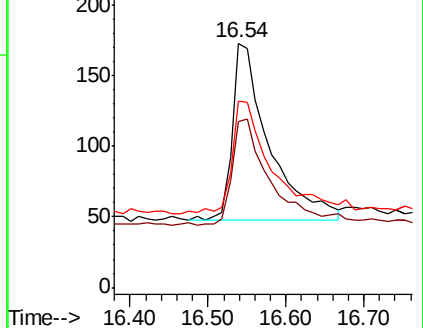
268 76.3 63.8 95.6

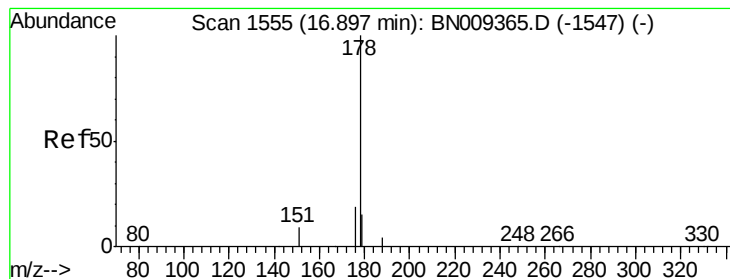


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.390 ng

RT: 16.90 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

Instrument :

BNA_N

ClientSampleId :

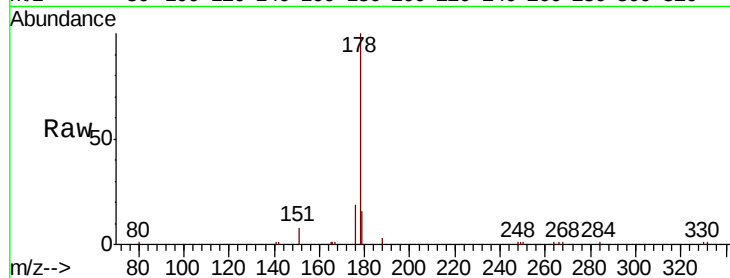
Tot Ion:178 Resp: 8420

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

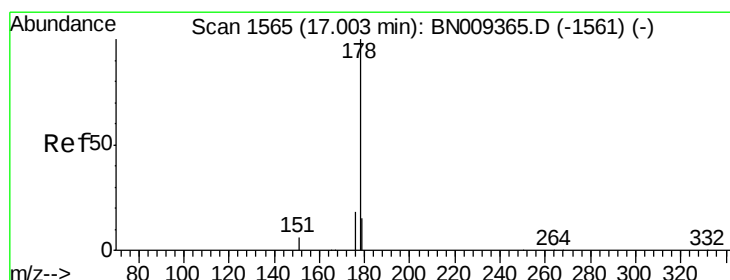
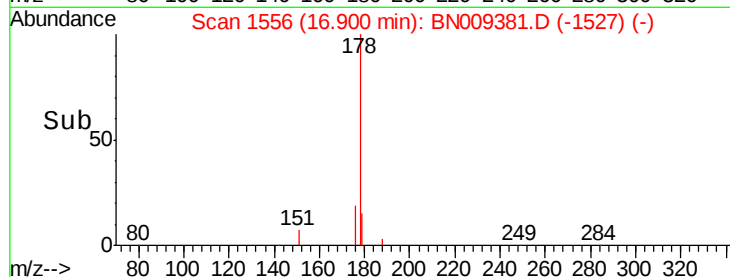
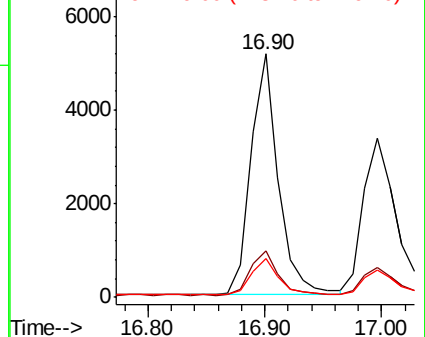
179 15.0 12.3 18.5



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: 0.372 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

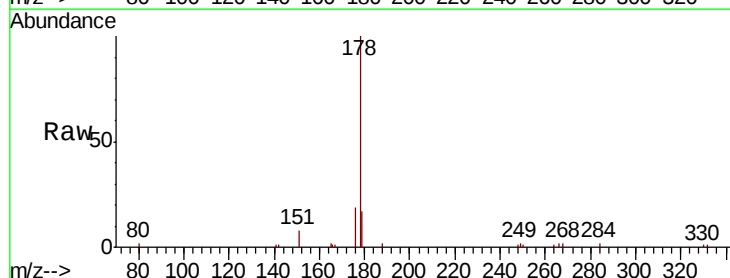
Tgt Ion:178 Resp: 6745

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

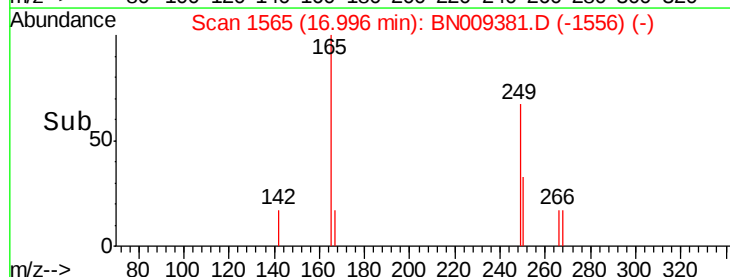
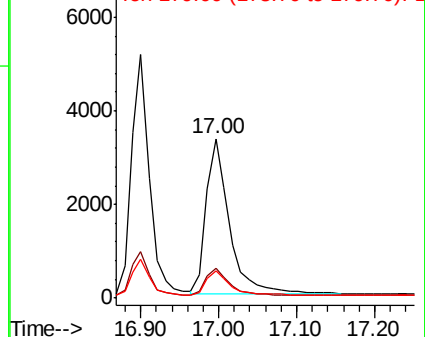
179 15.2 12.5 18.7

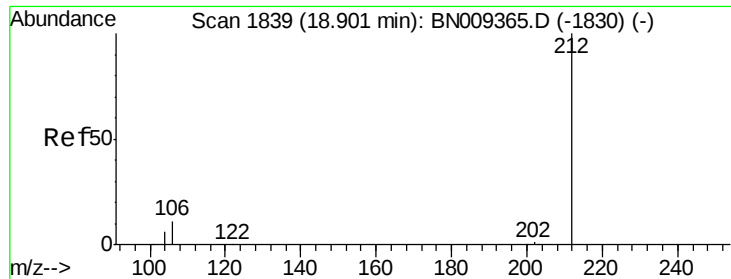


Abundance Ion 178.00 (177.70 to 178.70): E

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# 1840

Delta R.T. -0.00 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

Instrument :

BNA_N

ClientSampleId :

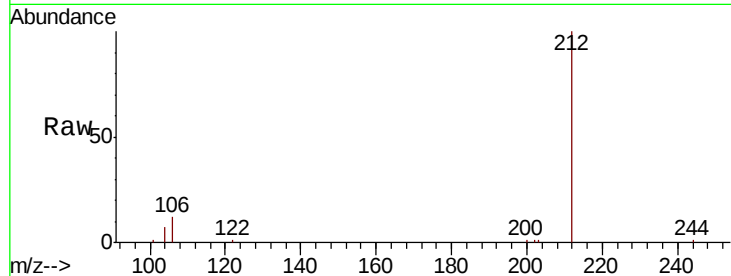
Tot Ion:212 Resp: 9430

Ion Ratio Lower Upper

212 100

106 11.6 9.2 13.8

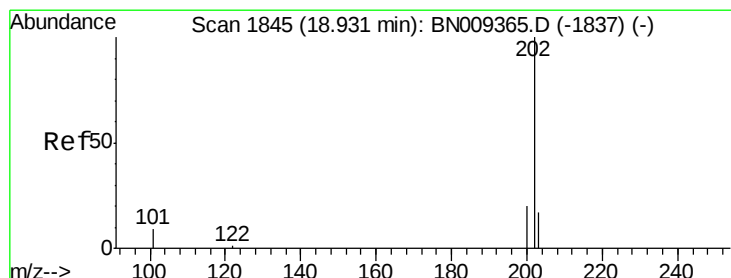
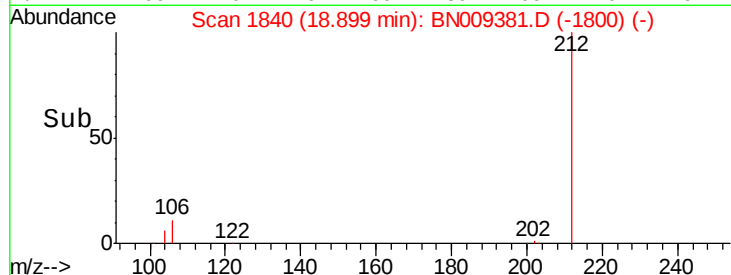
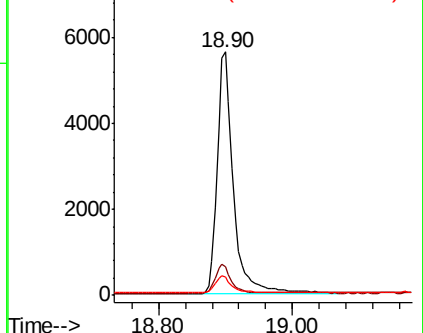
104 6.6 5.4 8.0



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: 0.382 ng

RT: 18.93 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

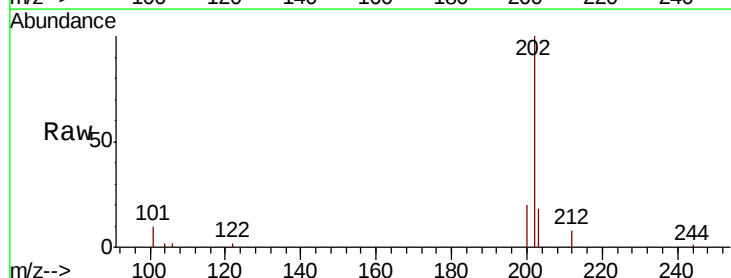
Tgt Ion:202 Resp: 9694

Ion Ratio Lower Upper

202 100

101 9.7 8.0 12.0

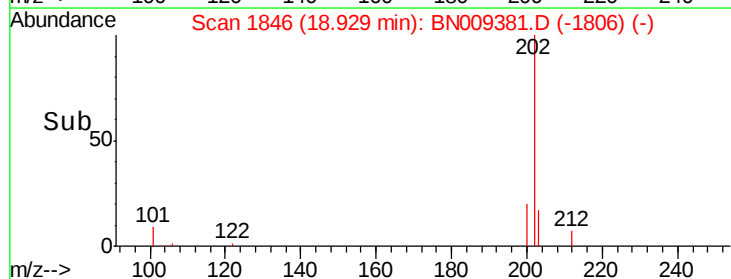
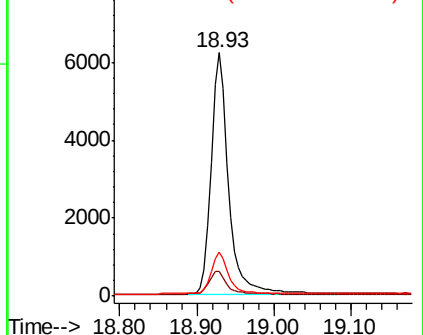
203 17.0 13.5 20.3

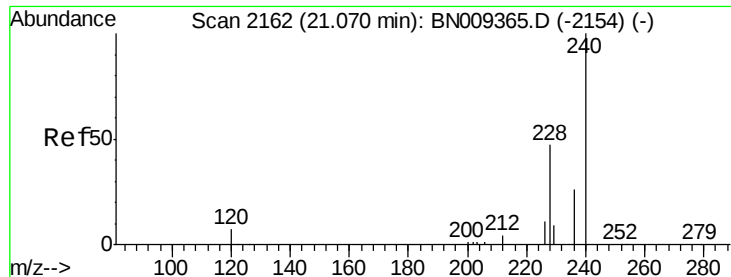


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

Instrument :

BNA_N

ClientSampleId :

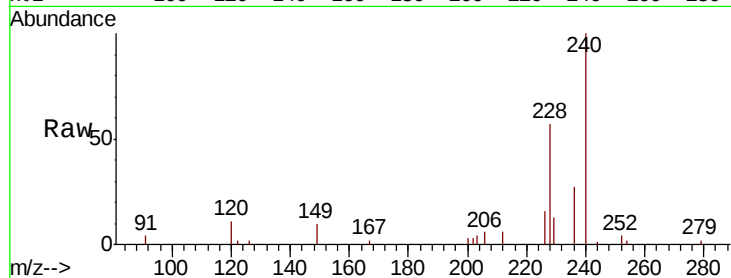
Tot Ion:240 Resp: 6290

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

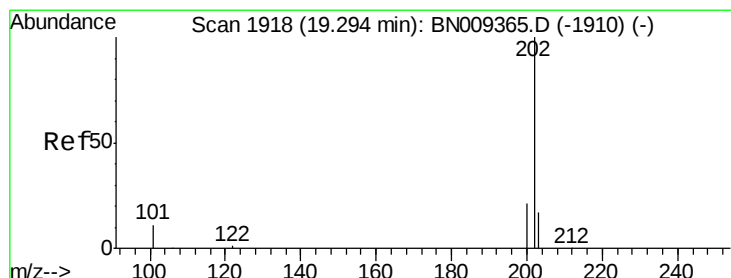
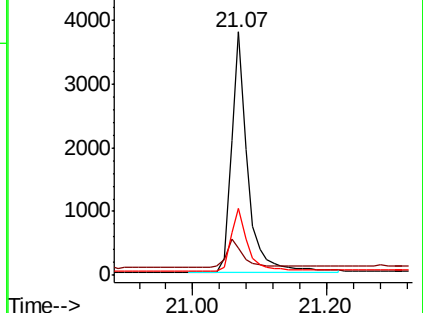
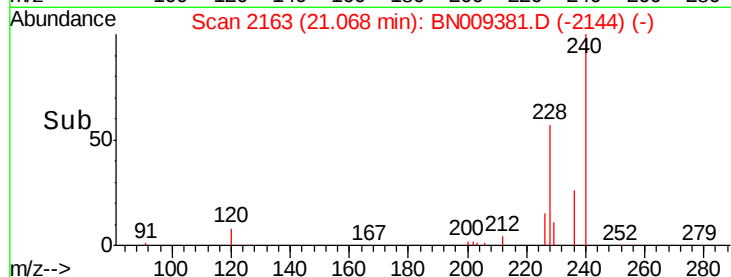
236 27.3 22.2 33.4



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: 0.409 ng

RT: 19.29 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

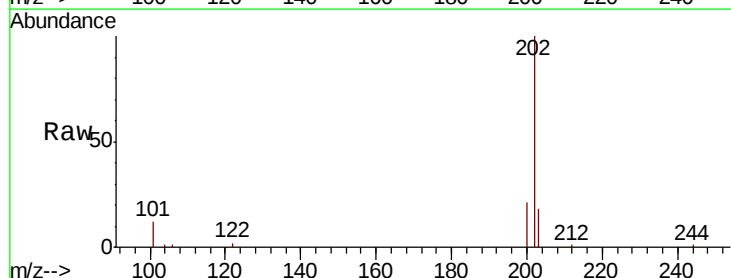
Tgt Ion:202 Resp: 9759

Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.2

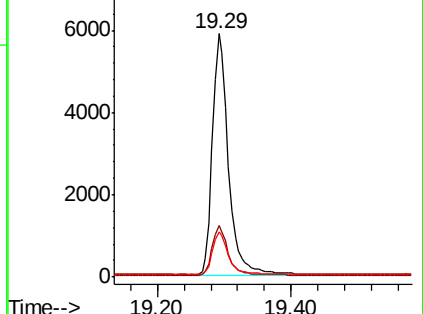
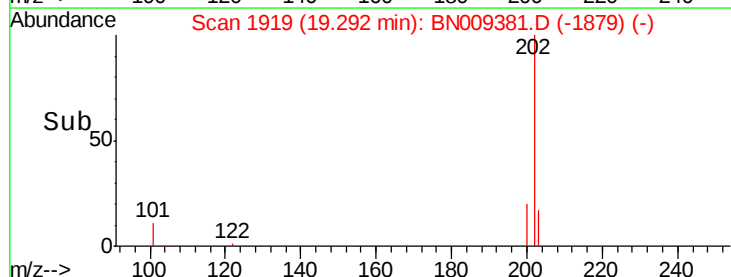
203 17.7 14.1 21.1

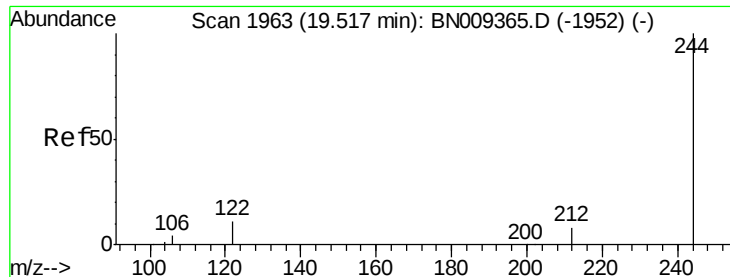


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.403 ng

RT: 19.52 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

Instrument :

BNA_N

ClientSampleId :

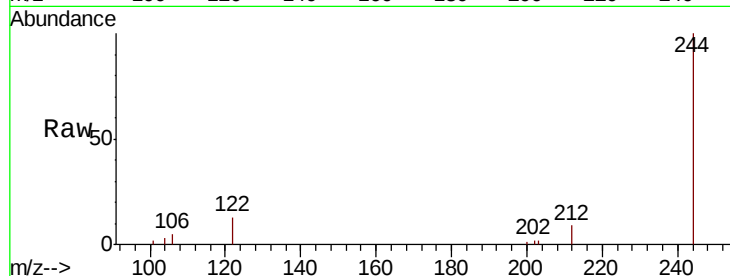
Tot Ion:244 Resp: 6005

Ion Ratio Lower Upper

244 100

212 9.3 7.5 11.3

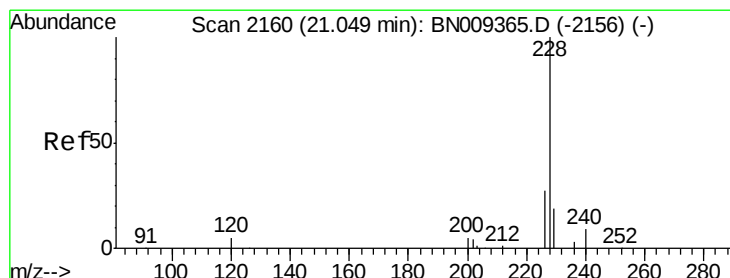
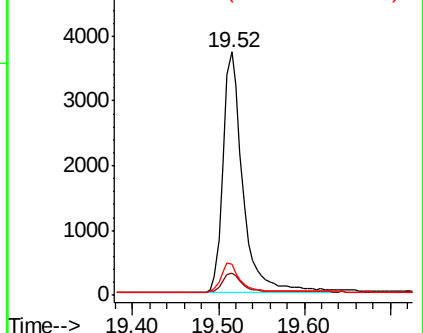
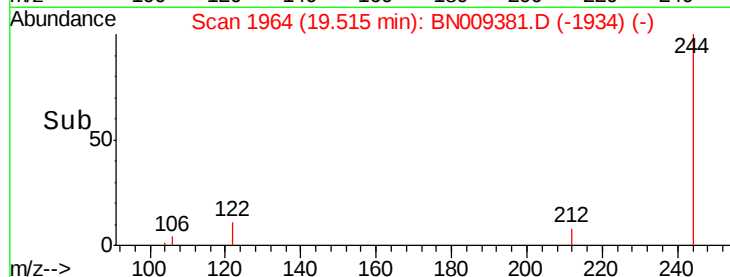
122 12.7 9.8 14.6



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: 0.377 ng

RT: 21.06 min Scan# 2162

Delta R.T. 0.01 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

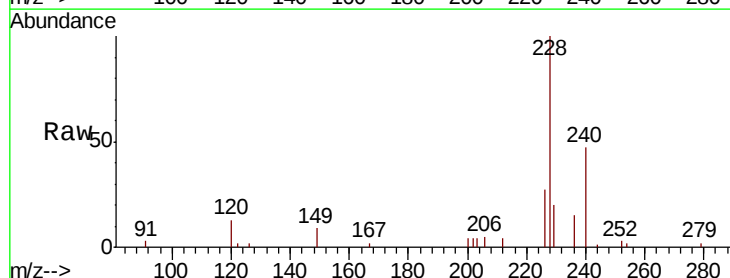
Tgt Ion:228 Resp: 7802

Ion Ratio Lower Upper

228 100

226 27.0 22.5 33.7

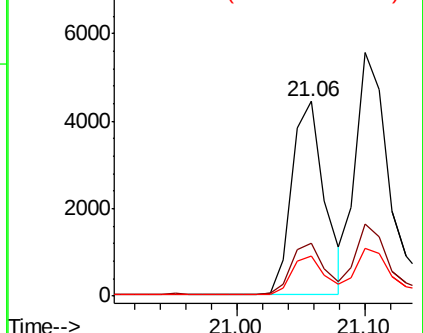
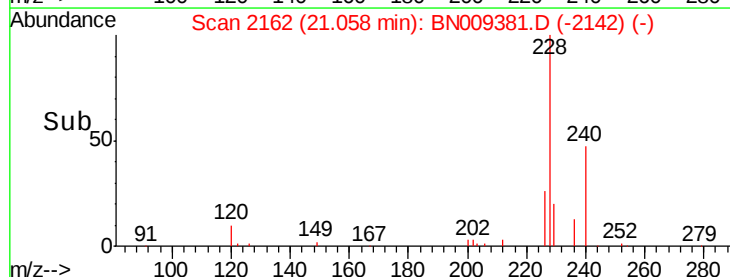
229 20.5 16.1 24.1

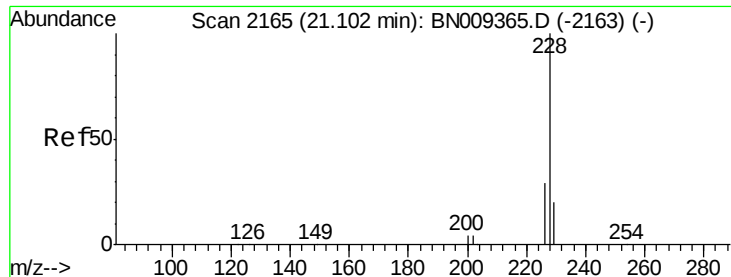


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.421 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

Instrument :

BNA_N

ClientSampleId :

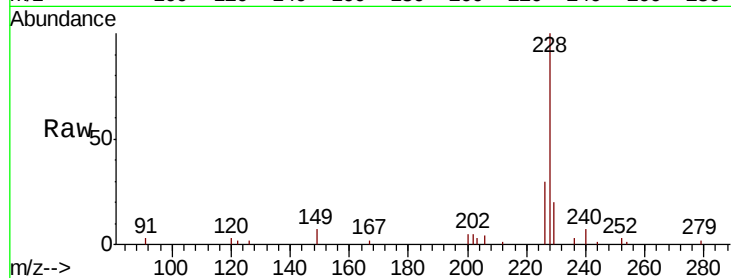
Tot Ion:228 Resp: 9965

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

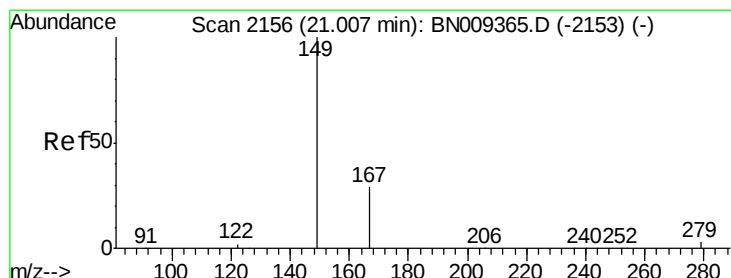
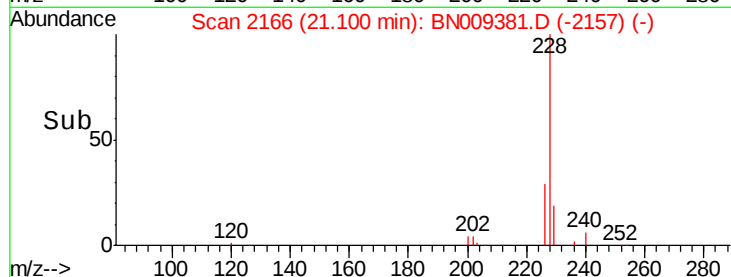
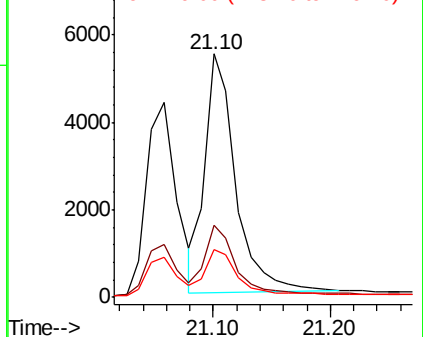
229 19.7 16.6 24.8



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: 0.398 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

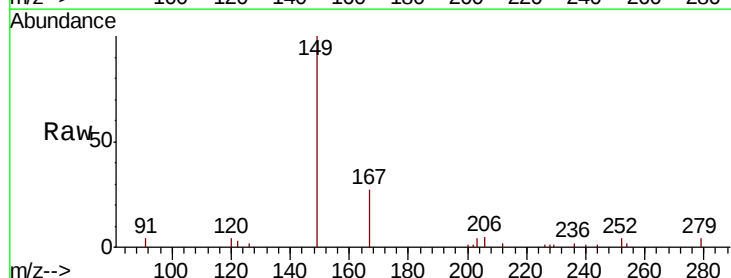
Tgt Ion:149 Resp: 3637

Ion Ratio Lower Upper

149 100

167 28.1 22.9 34.3

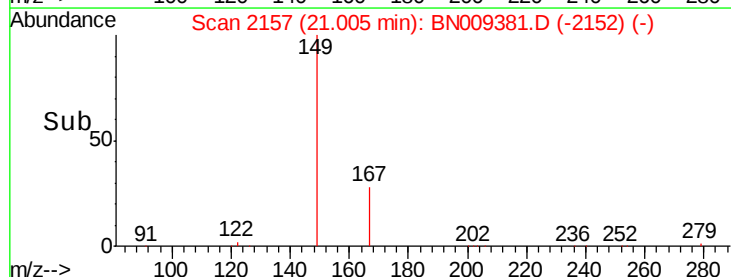
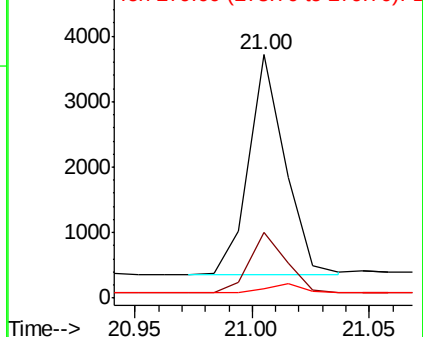
279 3.8 3.4 5.0

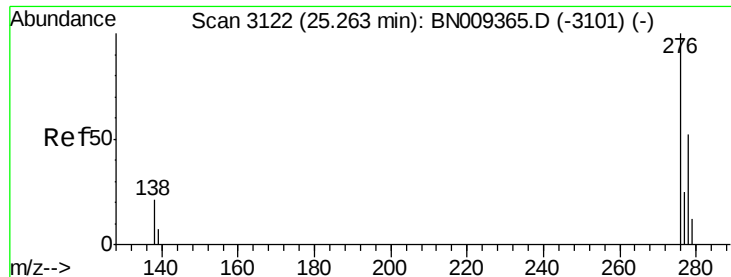


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

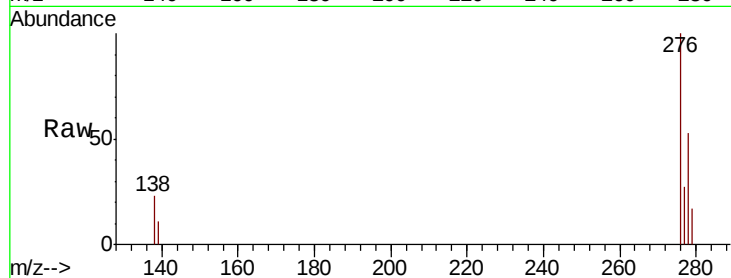




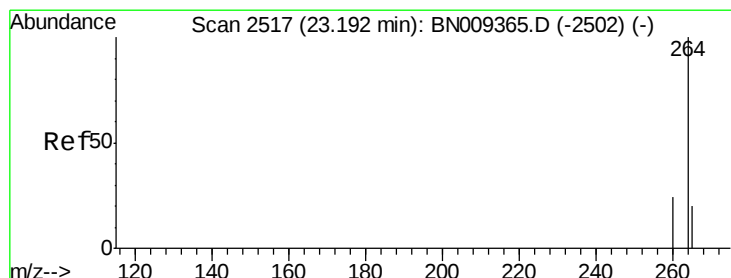
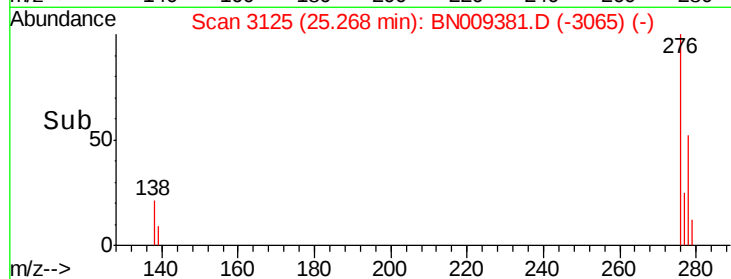
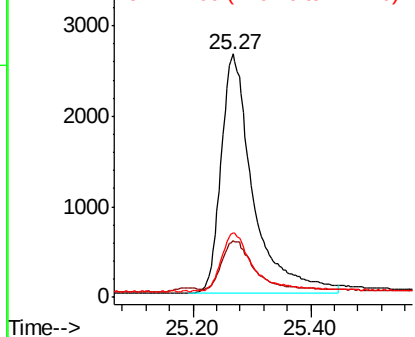
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.404 ng
RT: 25.27 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 9945
Ion Ratio Lower Upper
276 100
138 21.1 15.9 23.9
277 24.3 19.8 29.6

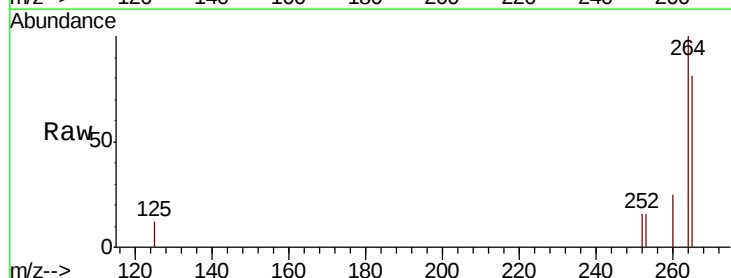


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

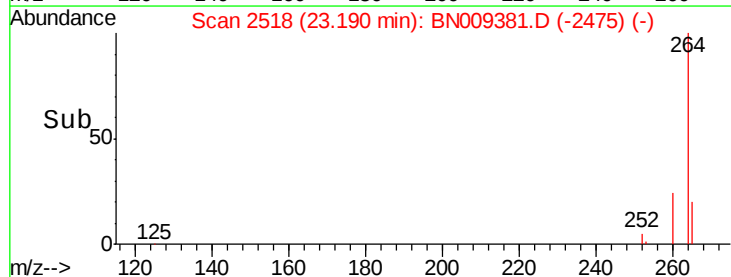
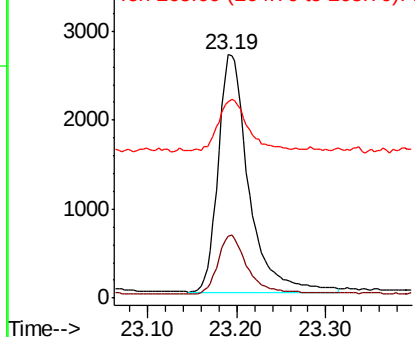


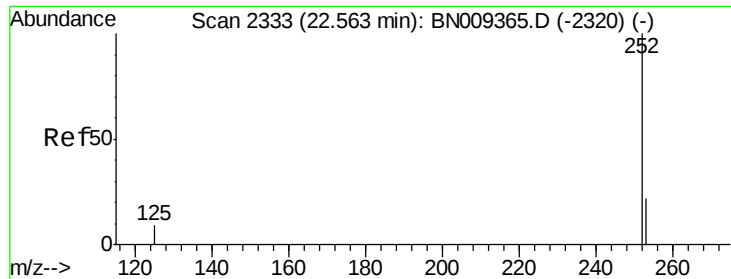
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion:264 Resp: 6372
Ion Ratio Lower Upper
264 100
260 25.2 20.1 30.1
265 80.6 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: 0.387 ng

RT: 22.56 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

Instrument :

BNA_N

ClientSampleId :

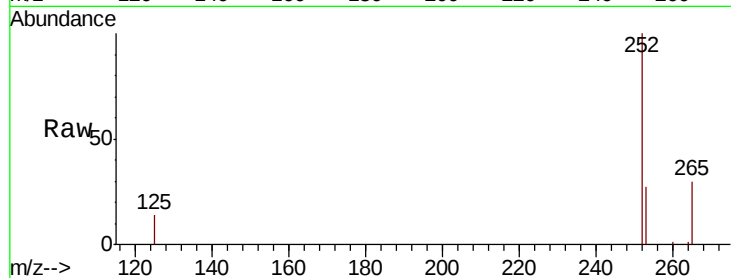
Tot Ion:252 Resp: 9060

Ion Ratio Lower Upper

252 100

253 27.2 22.4 33.6

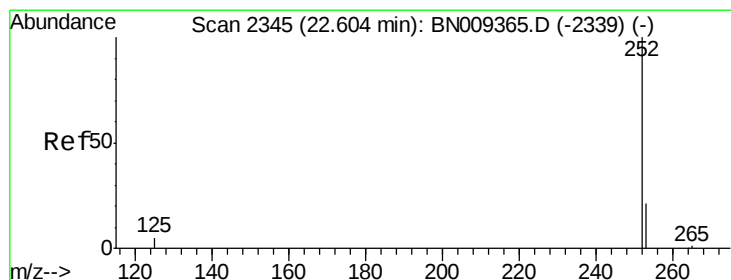
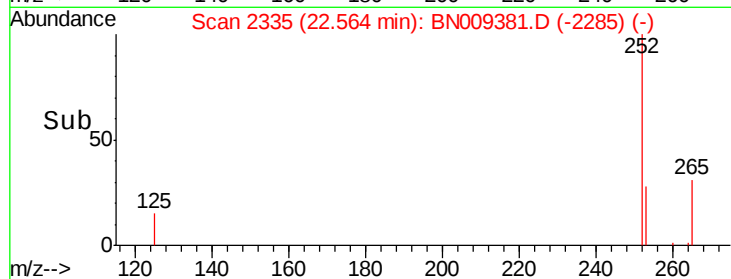
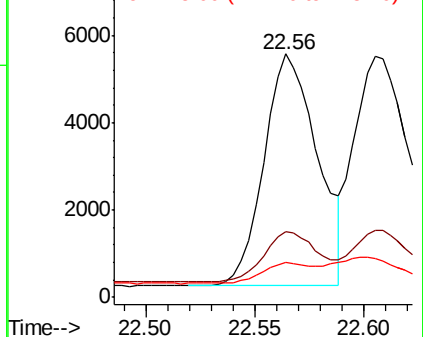
125 14.4 11.6 17.4



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: 0.392 ng

RT: 22.61 min Scan# 2347

Delta R.T. 0.00 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

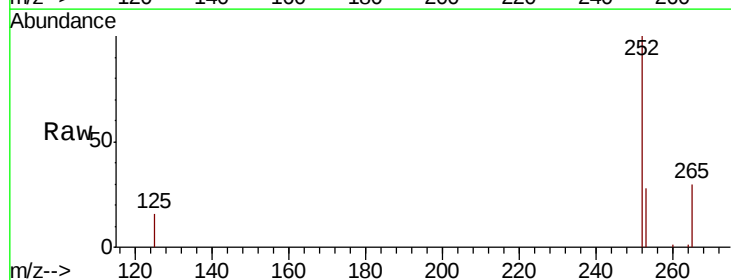
Tgt Ion:252 Resp: 10143

Ion Ratio Lower Upper

252 100

253 27.6 21.9 32.9

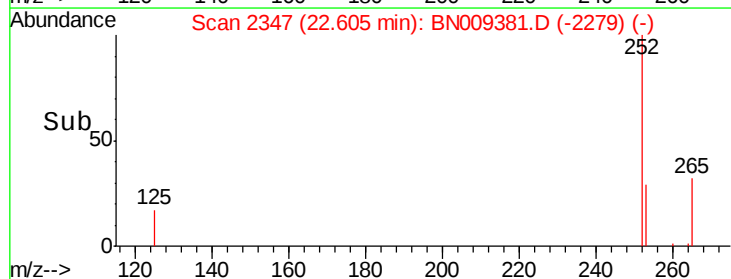
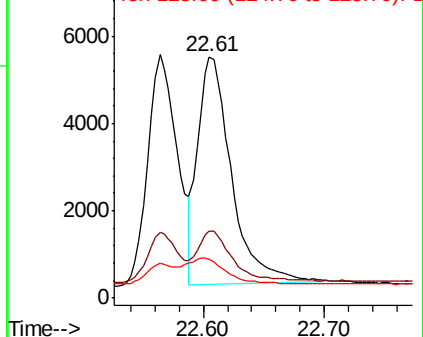
125 16.2 12.0 18.0

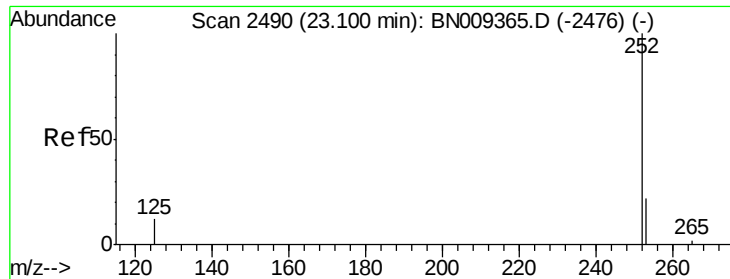


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.404 ng

RT: 23.10 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

Instrument :

BNA_N

ClientSampleId :

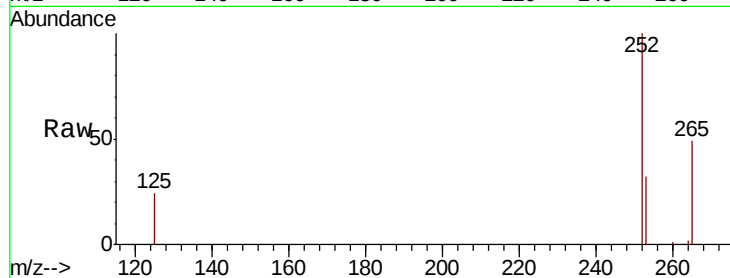
Tot Ion:252 Resp: 8340

Ion Ratio Lower Upper

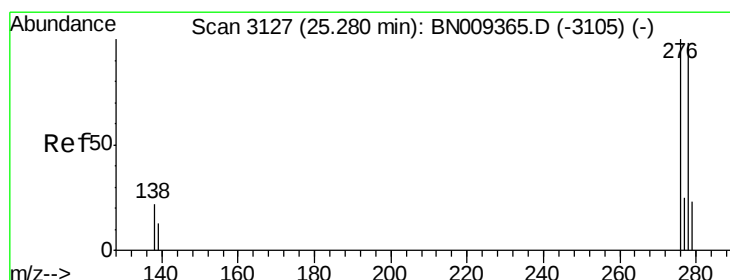
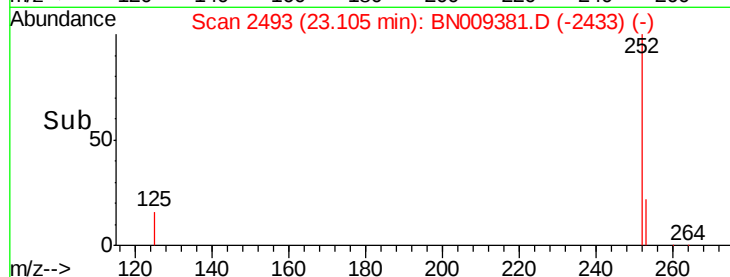
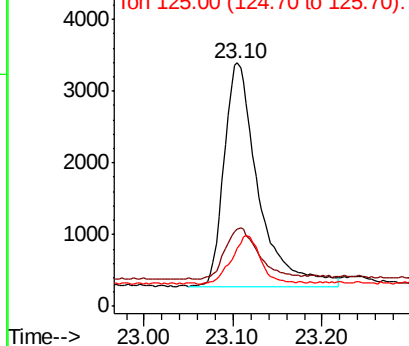
252 100

253 31.6 25.4 38.0

125 23.9 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: 0.377 ng

RT: 25.29 min Scan# 3130

Delta R.T. 0.00 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

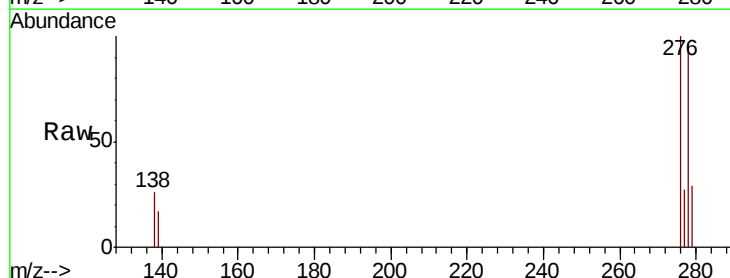
Tgt Ion:278 Resp: 7814

Ion Ratio Lower Upper

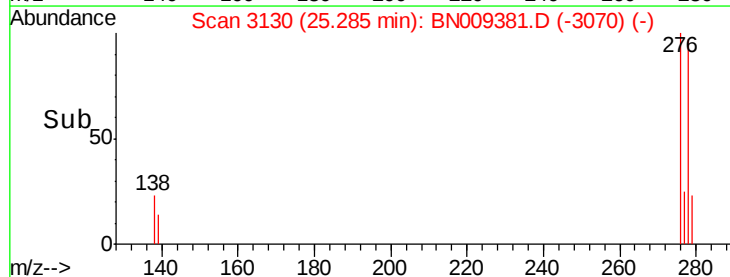
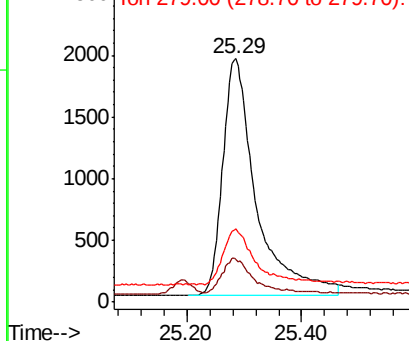
278 100

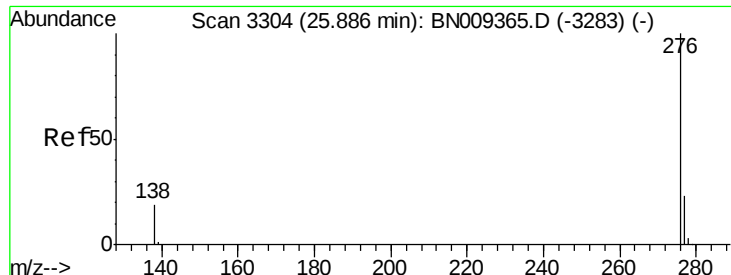
139 17.5 14.5 21.7

279 30.1 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: 0.384 ng

RT: 25.89 min Scan# 3307

Delta R.T. 0.00 min

Lab File: BN009381.D

Acq: 15 Jan 2020 16:51

Instrument :

BNA_N

ClientSampleId :

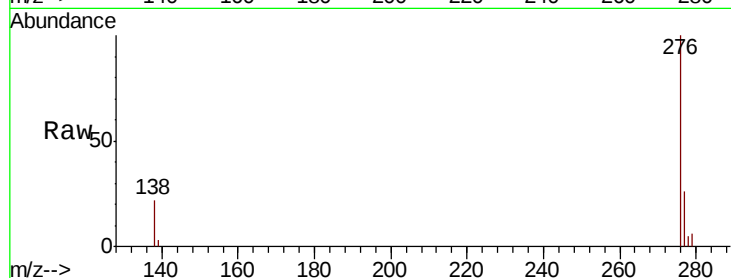
Tot Ion: 276 Resp: 8761

Ion Ratio Lower Upper

276 100

277 25.7 20.6 30.8

138 22.1 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

