

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011420\
 Data File : BN009364.D
 Acq On : 13 Jan 2020 15:06
 Operator : JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

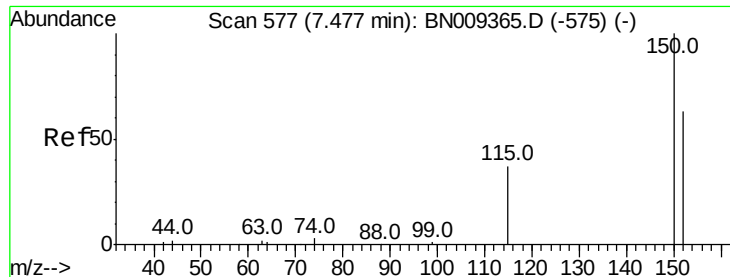
Quant Time: Jan 13 16:27:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 13 16:24:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1296	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	4533	0.40	ng	0.01
13) Acenaphthene-d10	14.11	164	2886	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	6516	0.40	ng	0.00
27) Chrysene-d12	21.07	240	5621	0.40	ng	0.00
34) Perylene-d12	23.19	264	5682	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.13	112	598	0.18	ng	0.00
5) Phenol-d6	6.69	99	630	0.14	ng	0.00
8) Nitrobenzene-d5	8.64	82	615	0.16	ng	0.01
11) 2-Methylnaphthalene-d10	11.85	152	1660	0.21	ng	0.01
14) 2,4,6-Tribromophenol	15.64	330	188	0.14	ng	0.01
15) 2-Fluorobiphenyl	12.74	172	1970	0.18	ng	0.01
25) Fluoranthene-d10	18.90	212	4098	0.21	ng	0.00
29) Terphenyl-d14	19.52	244	2551	0.20	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.14	88	249	0.205	ng	92
3) n-Nitrosodimethylamine	3.50	42	279	0.166	ng	92
6) bis(2-Chloroethyl)ether	6.94	93	713	0.166	ng	# 81
9) Naphthalene	10.28	128	2335	0.189	ng	# 93
10) Hexachlorobutadiene	10.57	225	539	0.228	ng	# 97
12) 2-Methylnaphthalene	11.92	142	1608	0.175	ng	95
16) Acenaphthylene	13.83	152	2183	0.165	ng	99
17) Acenaphthene	14.18	154	1673	0.191	ng	100
18) Fluorene	15.17	166	2128	0.181	ng	99
20) 4-Bromophenyl-phenylether	16.07	248	690	0.177	ng	# 88
21) Hexachlorobenzene	16.17	284	789	0.178	ng	97
22) Pentachlorophenol	16.57	266	171	0.107	ng	90
23) Phenanthrene	16.91	178	3524	0.172	ng	100
24) Anthracene	17.00	178	2833	0.157	ng	99
26) Fluoranthene	18.93	202	4141	0.170	ng	100
28) Pyrene	19.30	202	4191	0.213	ng	100
30) Benzo(a)anthracene	21.06	228	3320	0.167	ng	99
31) Chrysene	21.10	228	4303	0.208	ng	99
32) Bis(2-ethylhexyl)phthalate	21.01	149	1562	0.167	ng	97
33) Indeno(1,2,3-cd)pyrene	25.27	276	4068	0.186	ng	98
35) Benzo(b)fluoranthene	22.57	252	3696	0.182	ng	# 86
36) Benzo(k)fluoranthene	22.61	252	4324	0.211	ng	# 84
37) Benzo(a)pyrene	23.10	252	3356	0.184	ng	# 81
38) Dibenzo(a,h)anthracene	25.29	278	3170	0.185	ng	# 86
39) Benzo(g,h,i)perylene	25.90	276	3816	0.226	ng	95

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

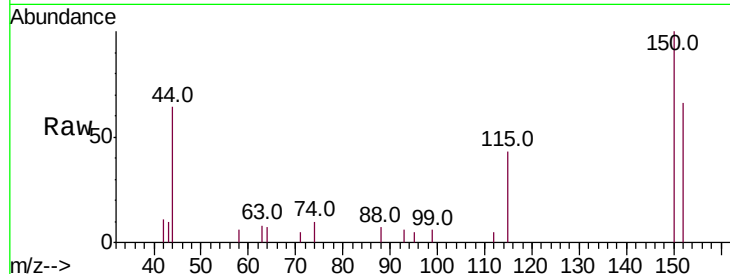


#1

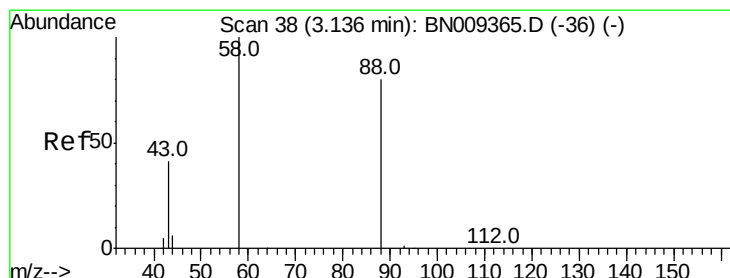
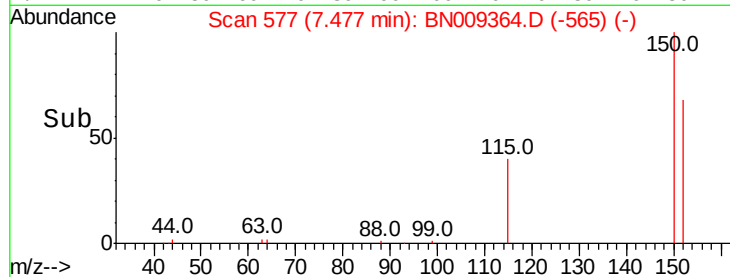
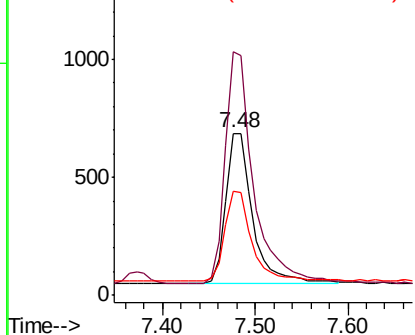
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 1296
Ion Ratio Lower Upper
152 100
150 150.4 125.7 188.5
115 64.0 53.3 79.9



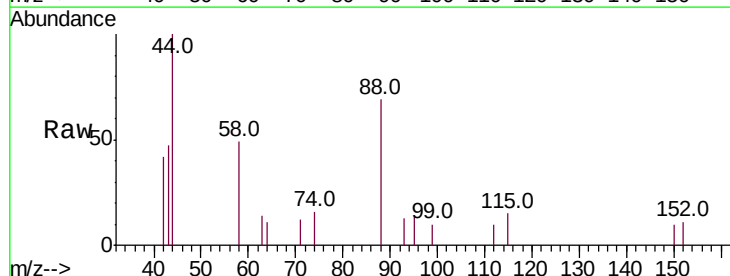
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



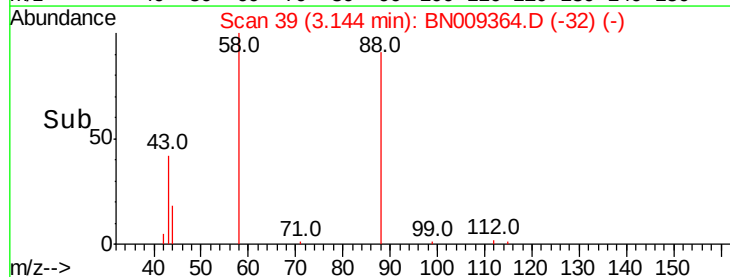
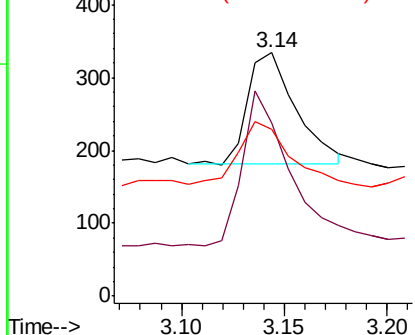
#2

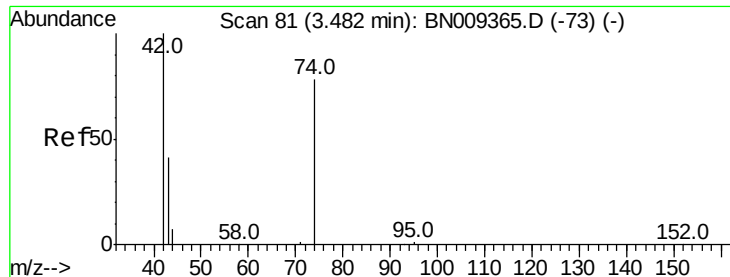
1,4-Dioxane
Concen: 0.205 ng
RT: 3.14 min Scan# 39
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion: 88 Resp: 249
Ion Ratio Lower Upper
88 100
58 134.5 100.2 150.2
43 59.8 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: 0.166 ng

RT: 3.50 min Scan# 83

Delta R.T. 0.02 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

Instrument :

BNA_N

ClientSampleId :

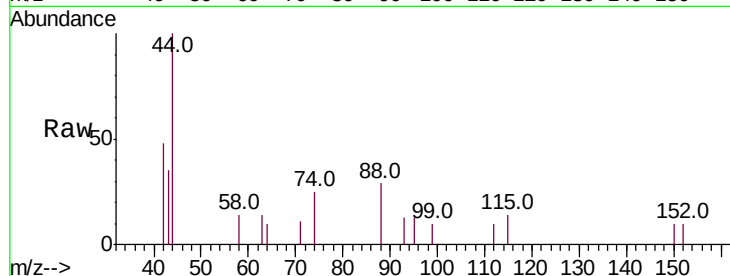
Tot Ion: 42 Resp: 279

Ion Ratio Lower Upper

42 100

74 77.1 55.8 83.8

44 14.3 11.1 16.7



Abundance Ion 42.00 (41.70 to 42.70): BN009365.D (-73) (-)

Ion 74.00 (73.70 to 74.70): BN009365.D (-73) (-)

Ion 44.00 (43.70 to 44.70): BN009365.D (-73) (-)

600

400

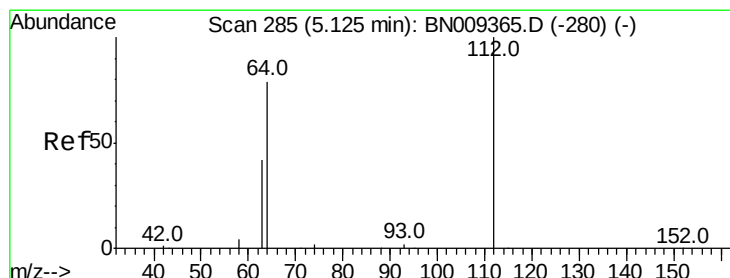
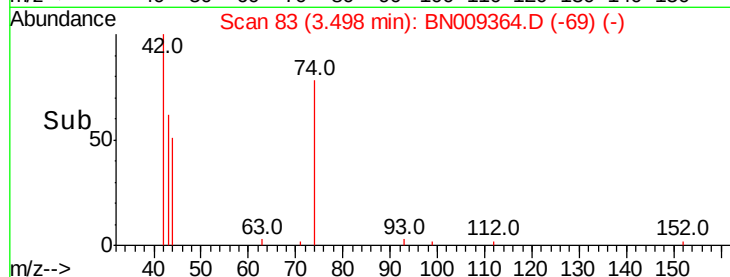
200

0

3.45 3.50 3.55



Time-->



#4

2-Fluorophenol

Concen: 0.182 ng

RT: 5.13 min Scan# 286

Delta R.T. 0.01 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

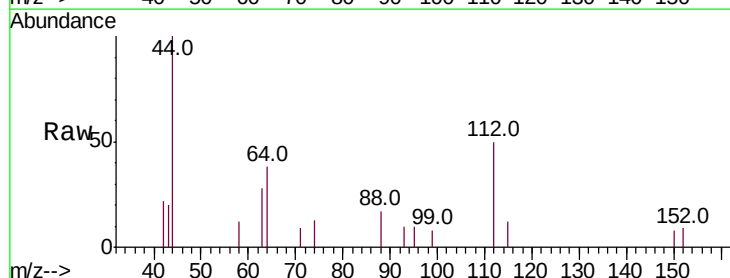
Tgt Ion: 112 Resp: 598

Ion Ratio Lower Upper

112 100

64 75.3 61.5 92.3

63 41.5 35.0 52.4



Abundance Ion 112.00 (111.70 to 112.70): BN009365.D (-280) (-)

Ion 64.00 (63.70 to 64.70): BN009365.D (-280) (-)

Ion 63.00 (62.70 to 63.70): BN009365.D (-280) (-)

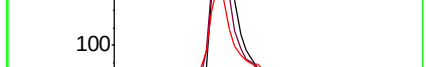
300

200

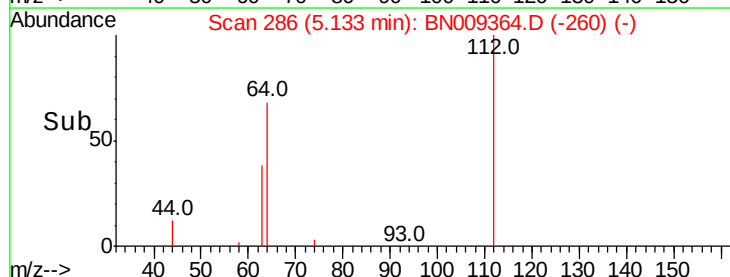
100

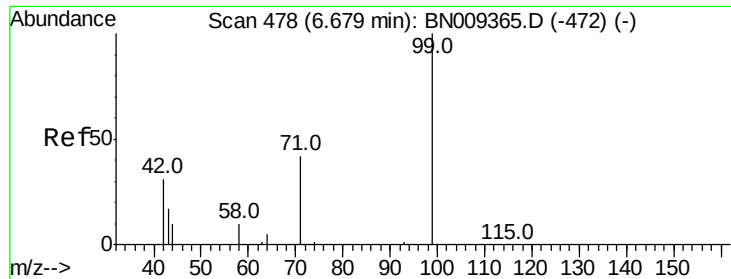
0

5.00 5.10 5.20 5.30



Time-->





#5

Phenol-d6

Concen: 0.138 ng

RT: 6.69 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

Instrument :

BNA_N

ClientSampled :

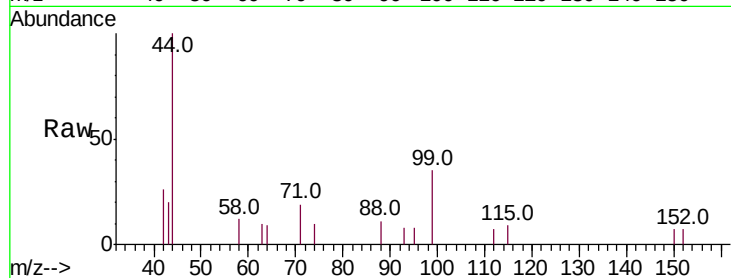
Tot Ion: 99 Resp: 630

Ion Ratio Lower Upper

99 100

42 37.9 27.6 41.4

71 41.0 33.0 49.6

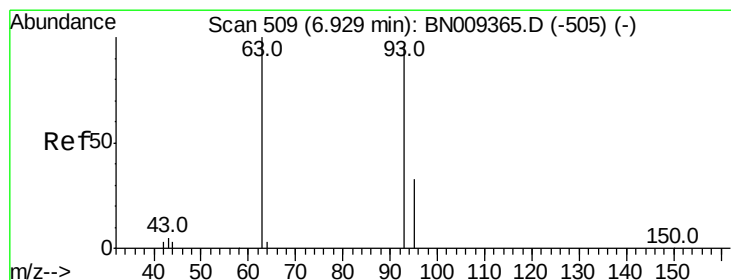
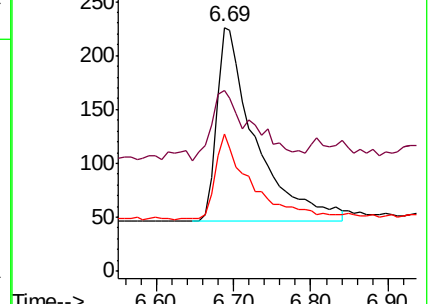
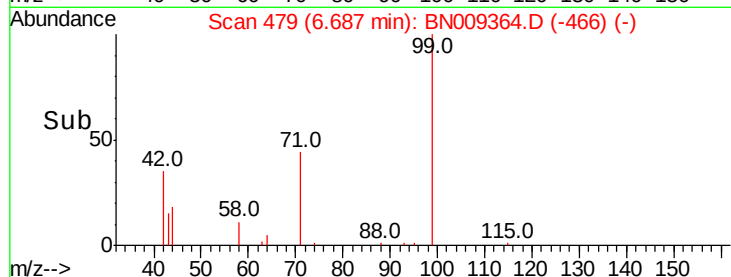


Abundance Ion 99.00 (98.70 to 99.70): BN009365.D (-472) (-)

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

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

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.166 ng

RT: 6.94 min Scan# 510

Delta R.T. 0.01 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

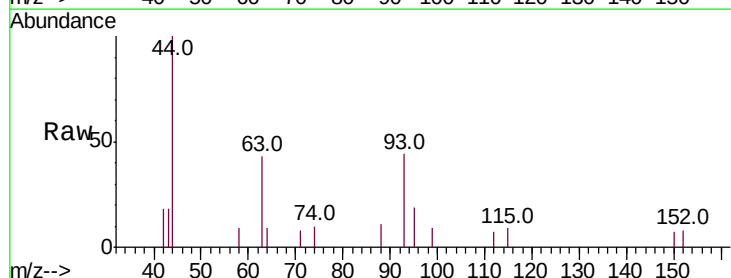
Tgt Ion: 93 Resp: 713

Ion Ratio Lower Upper

93 100

63 83.7 85.1 127.7#

95 30.4 30.2 45.4

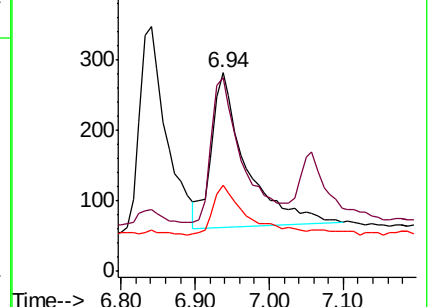
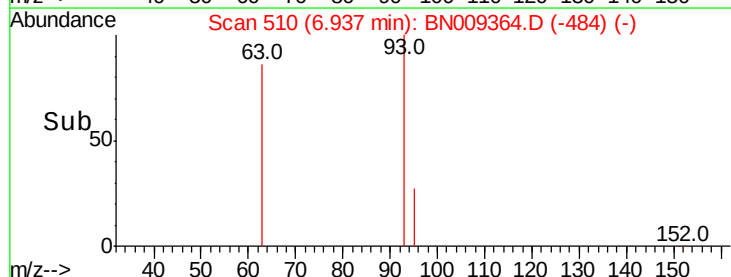


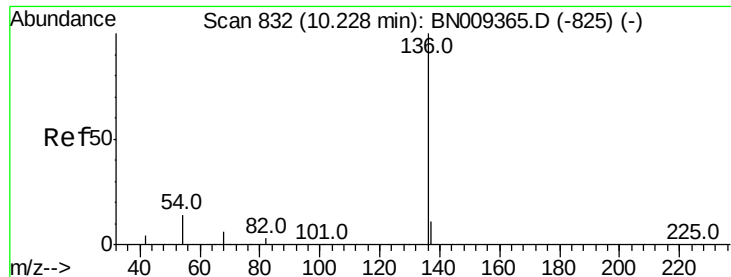
Abundance Ion 93.00 (92.70 to 93.70): BN009365.D (-505) (-)

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

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

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 833

Delta R.T. 0.01 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 4533

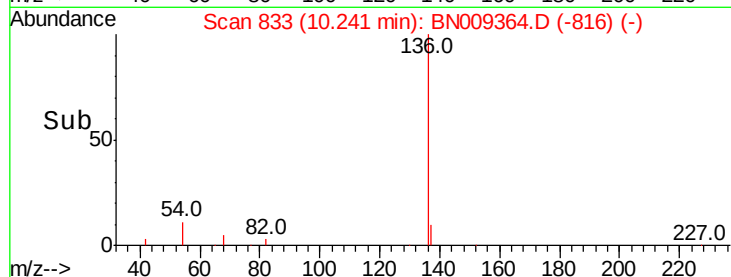
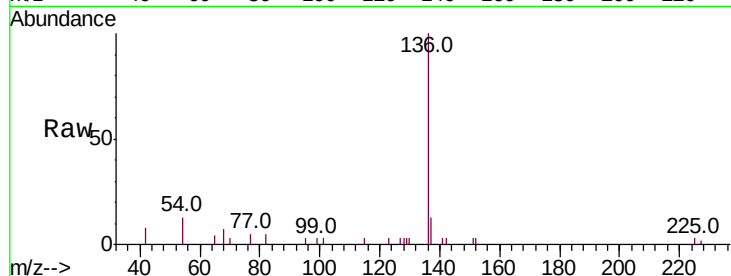
Ion Ratio Lower Upper

136 100

137 12.7 10.3 15.5

54 13.3 12.6 19.0

68 7.3 6.5 9.7

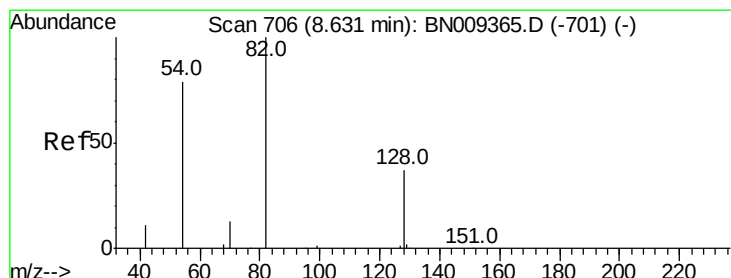
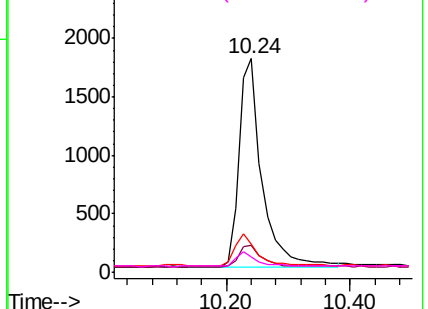


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.160 ng

RT: 8.64 min Scan# 707

Delta R.T. 0.01 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

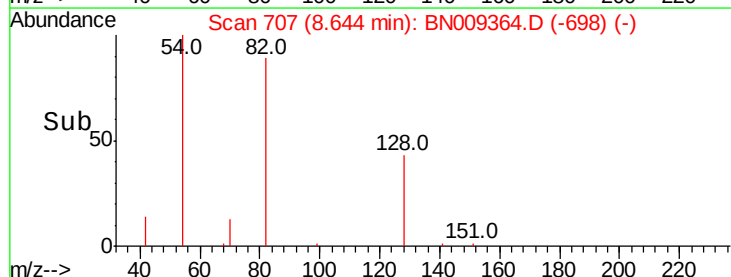
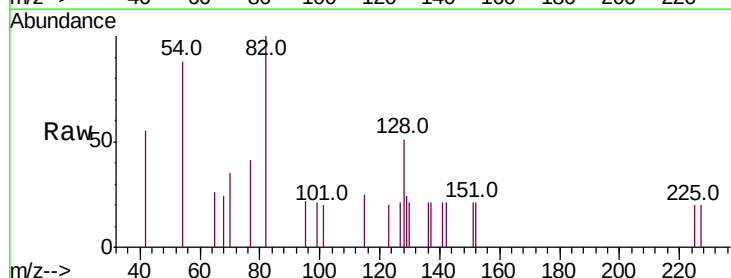
Tgt Ion: 82 Resp: 615

Ion Ratio Lower Upper

82 100

128 50.9 34.8 52.2

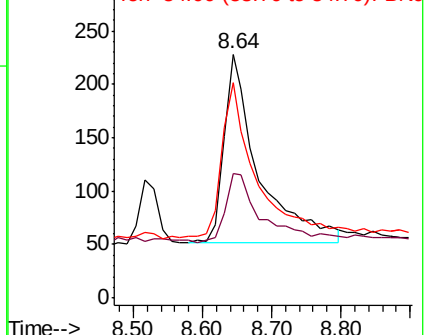
54 88.2 65.8 98.6

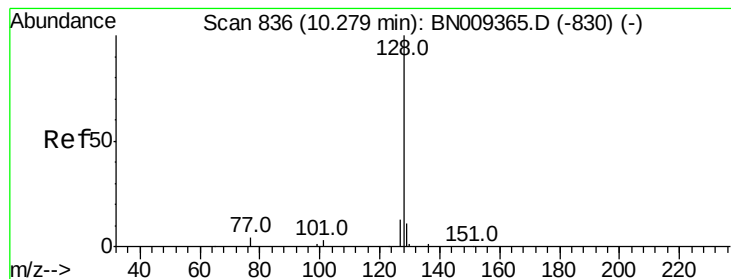


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.189 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

Instrument :

BNA_N

ClientSampleId :

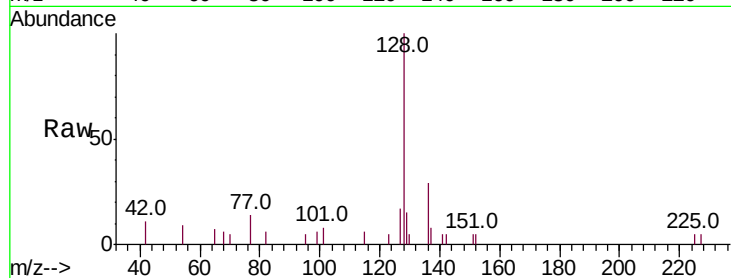
Tot Ion:128 Resp: 2335

Ion Ratio Lower Upper

128 100

129 15.5 10.4 15.6

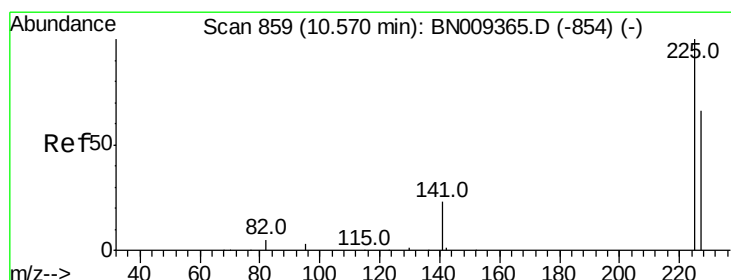
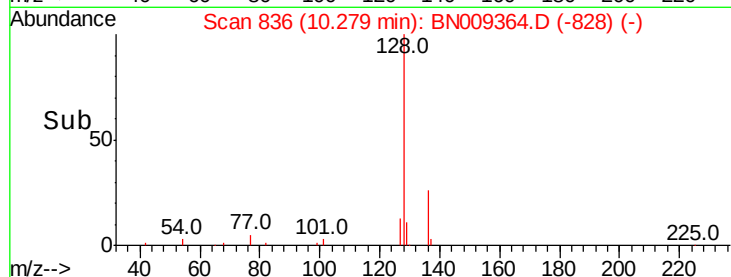
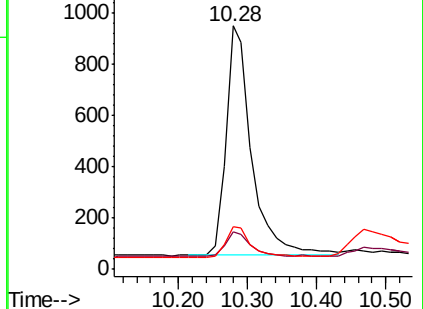
127 17.5 11.4 17.2#



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: 0.228 ng

RT: 10.57 min Scan# 859

Delta R.T. -0.00 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

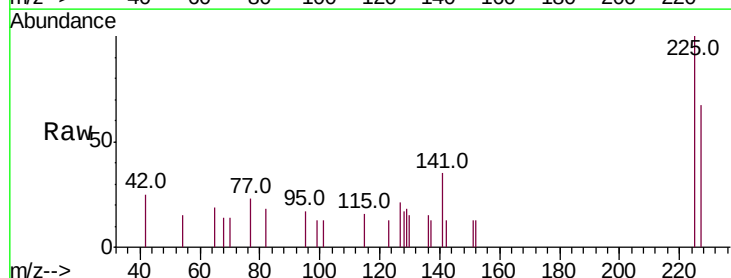
Tgt Ion:225 Resp: 539

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

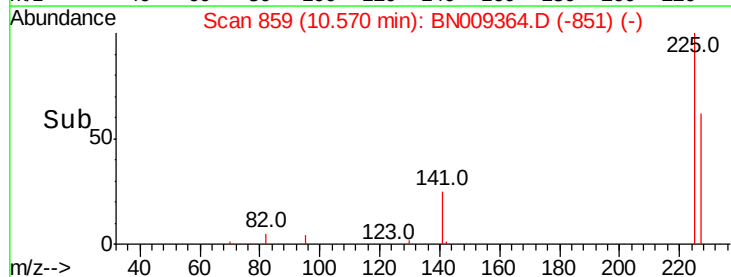
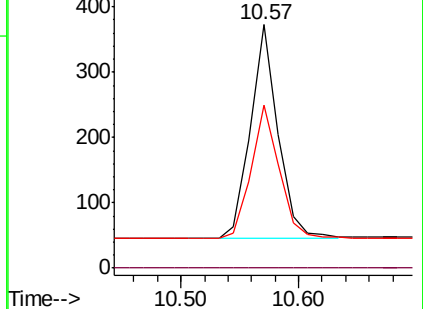
227 63.5 52.6 78.8

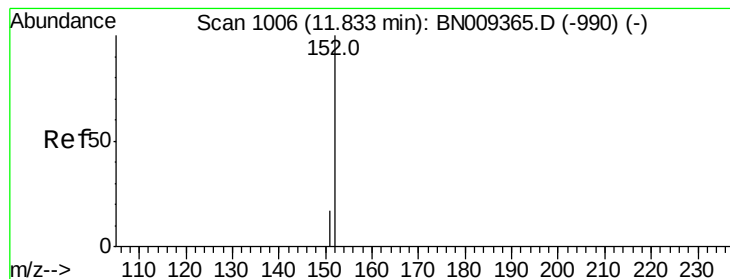


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.214 ng

RT: 11.85 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

Instrument :

BNA_N

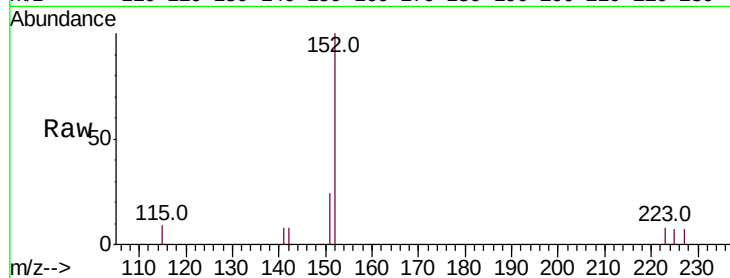
ClientSampleId :

Tot Ion:152 Resp: 1660

Ion Ratio Lower Upper

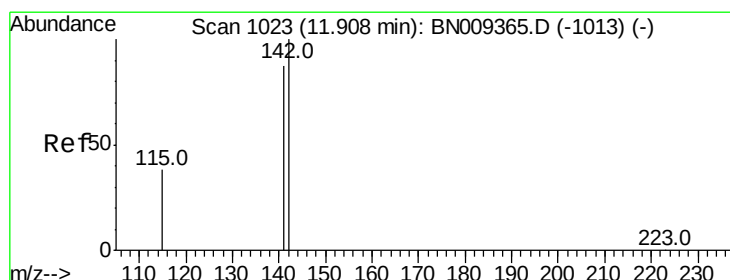
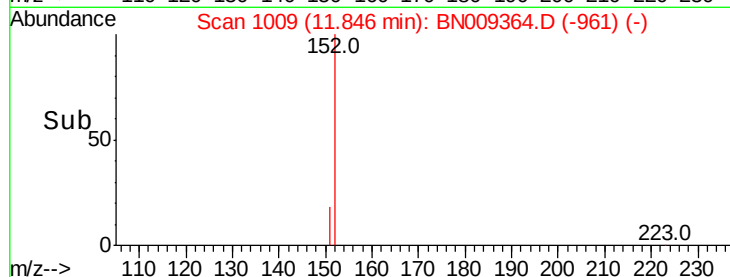
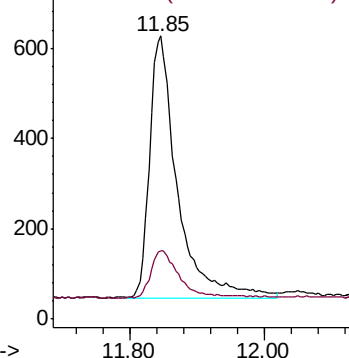
152 100

151 18.2 14.8 22.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.175 ng

RT: 11.92 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

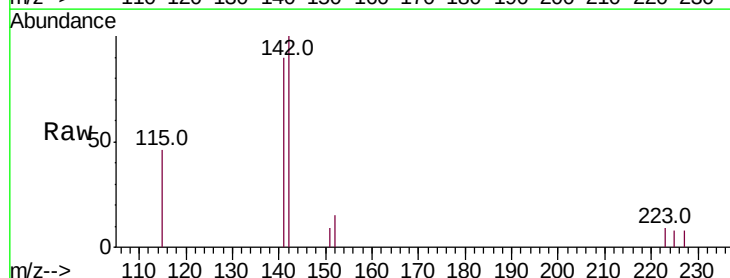
Tgt Ion:142 Resp: 1608

Ion Ratio Lower Upper

142 100

141 90.1 69.8 104.6

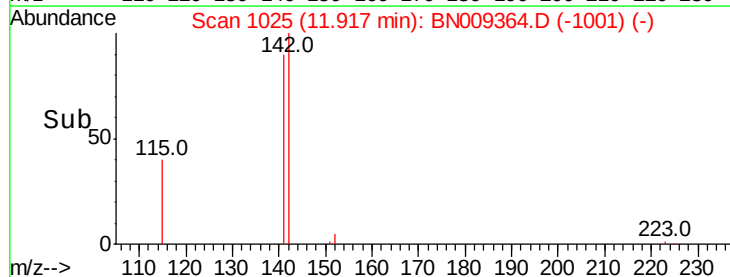
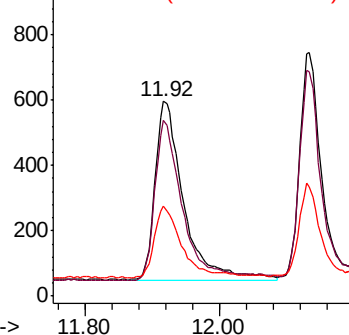
115 46.5 32.5 48.7

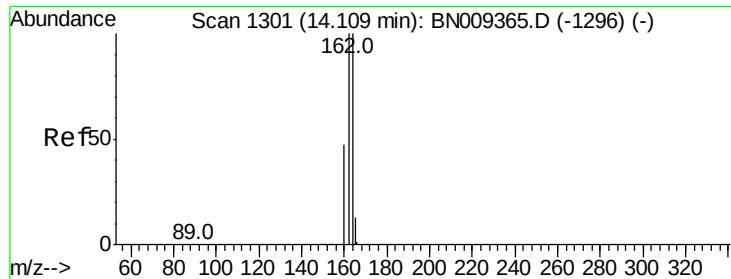


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

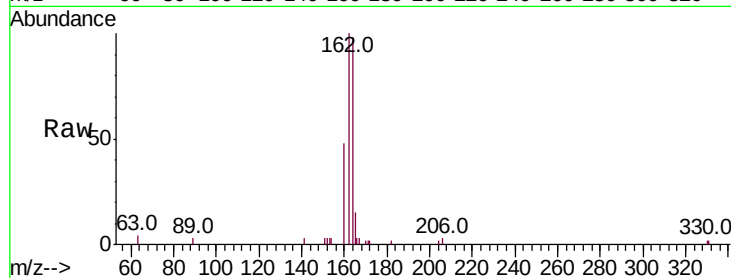




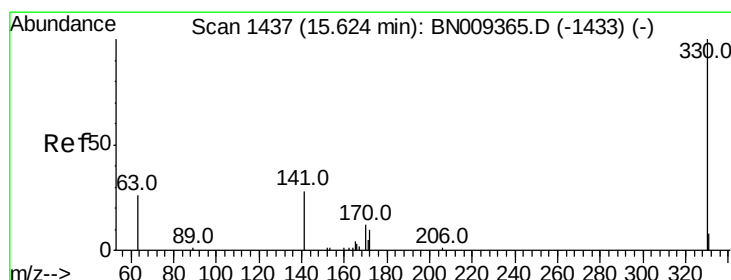
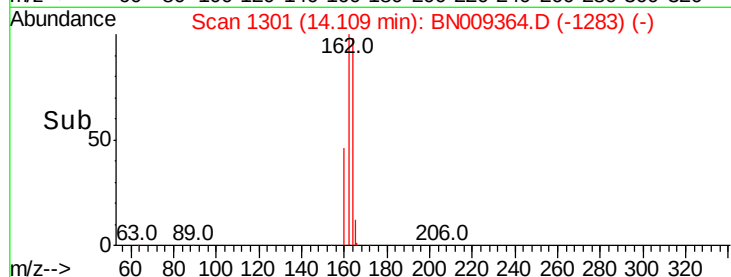
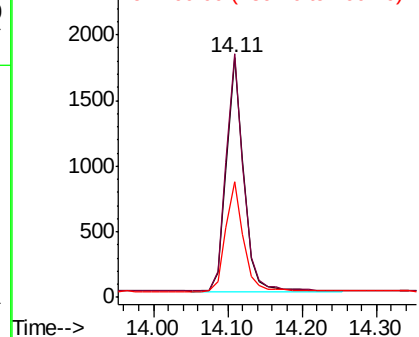
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.11 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:164 Resp: 2886
Ion Ratio Lower Upper
164 100
162 101.8 79.8 119.6
160 48.4 38.4 57.6

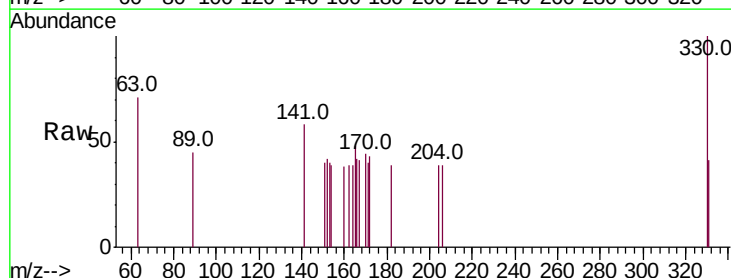


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

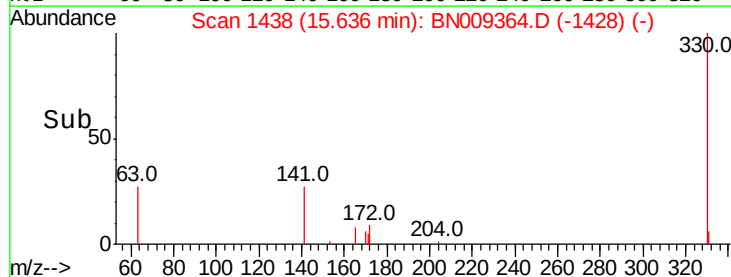
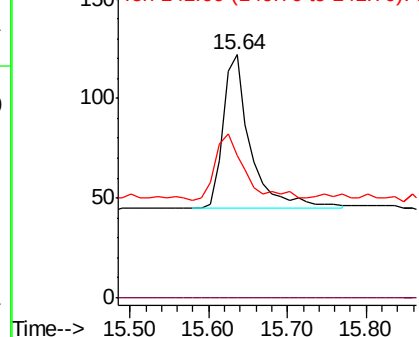


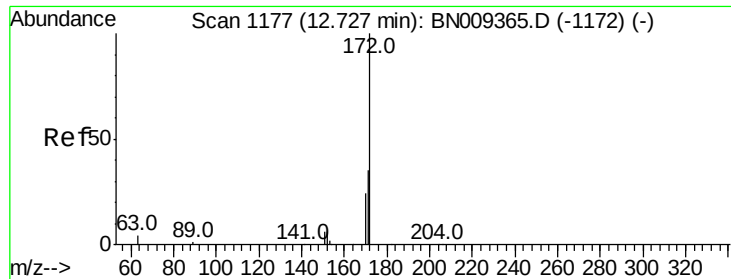
#14
2,4,6-Tribromophenol
Concen: 0.136 ng
RT: 15.64 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion:330 Resp: 188
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 46.3 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

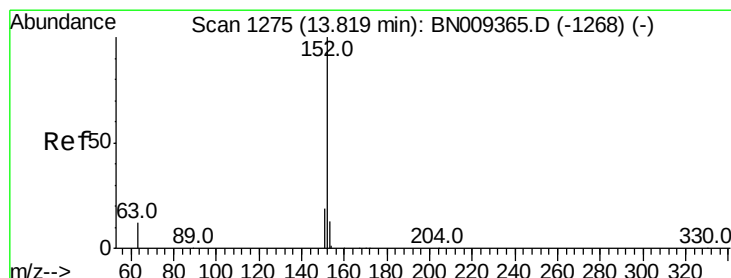
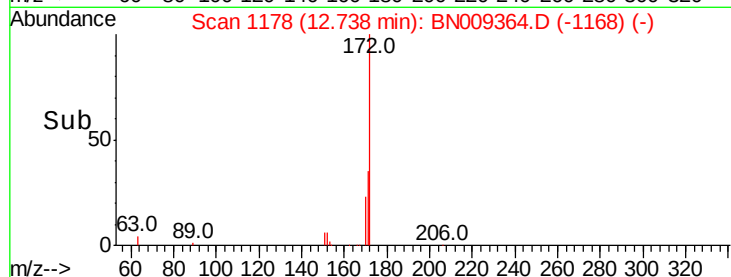
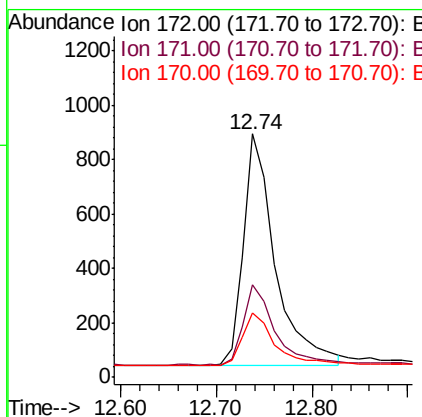
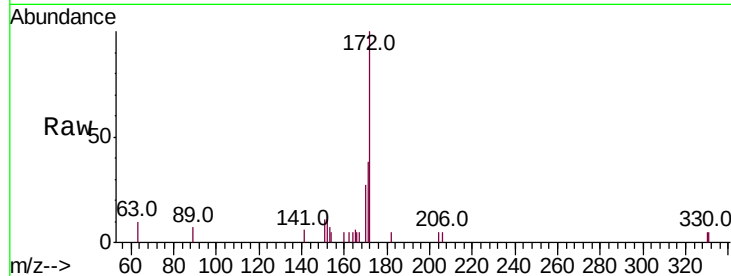




#15
2-Fluorobiphenyl
Concen: 0.180 ng
RT: 12.74 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

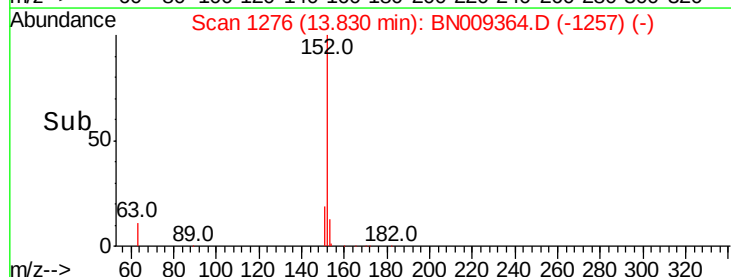
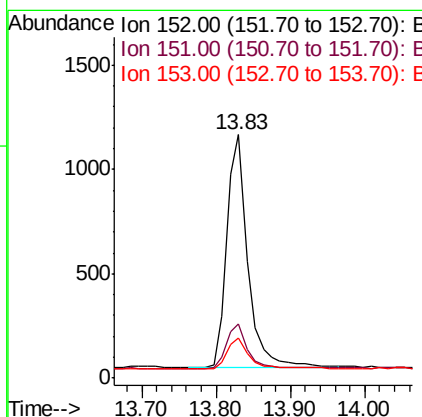
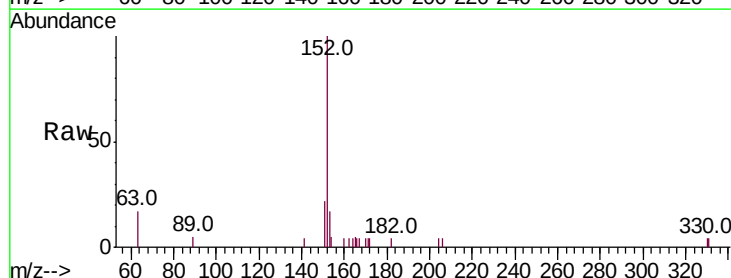
Instrument :
BNA_N
ClientSampleId :

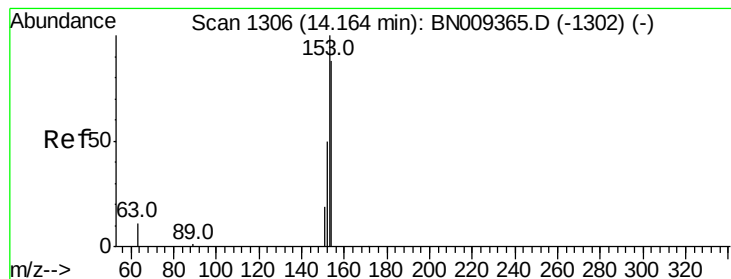
Tot Ion:172 Resp: 1970
Ion Ratio Lower Upper
172 100
171 37.8 29.5 44.3
170 26.7 20.7 31.1



#16
Acenaphthylene
Concen: 0.165 ng
RT: 13.83 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion:152 Resp: 2183
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2
153 13.6 10.4 15.6





#17

Acenaphthene

Concen: 0.191 ng

RT: 14.18 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

Instrument :

BNA_N

ClientSampleId :

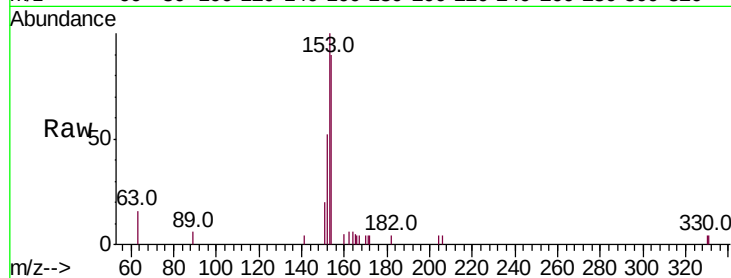
Tot Ion:154 Resp: 1673

Ion Ratio Lower Upper

154 100

153 113.8 90.5 135.7

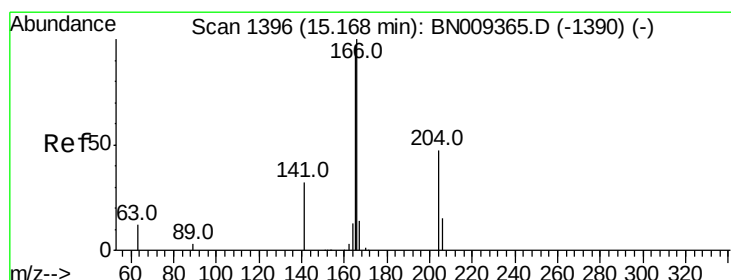
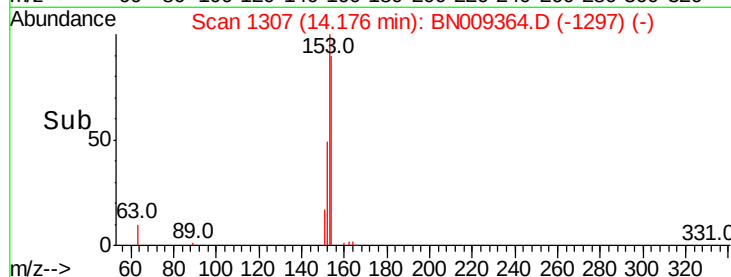
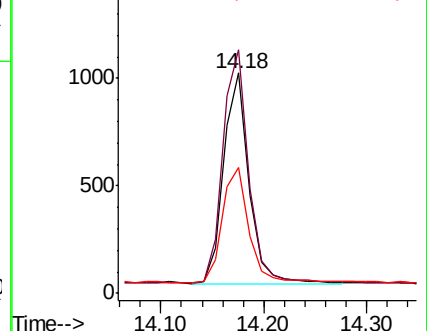
152 56.6 45.3 67.9



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: 0.181 ng

RT: 15.17 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

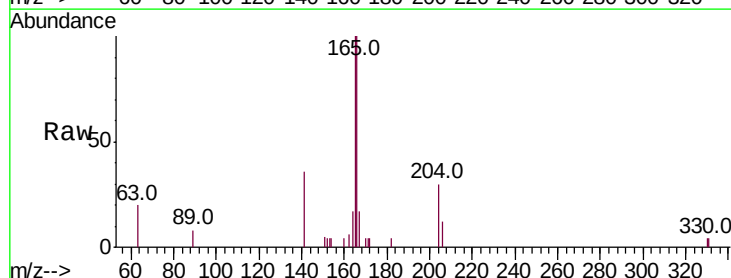
Tgt Ion:166 Resp: 2128

Ion Ratio Lower Upper

166 100

165 99.2 78.2 117.2

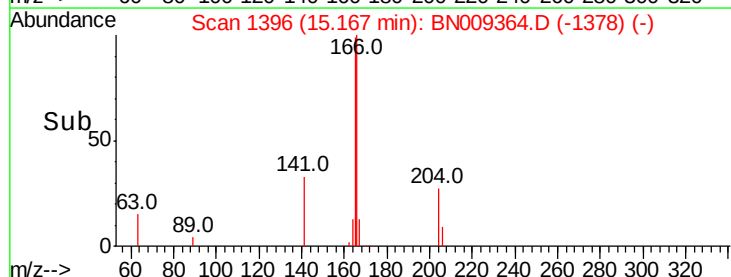
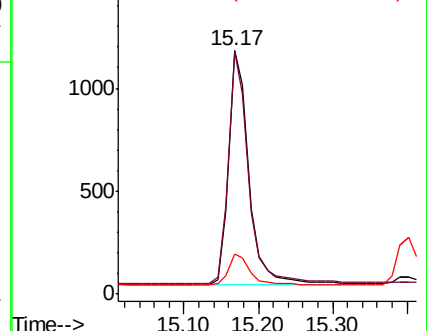
167 14.3 11.0 16.6

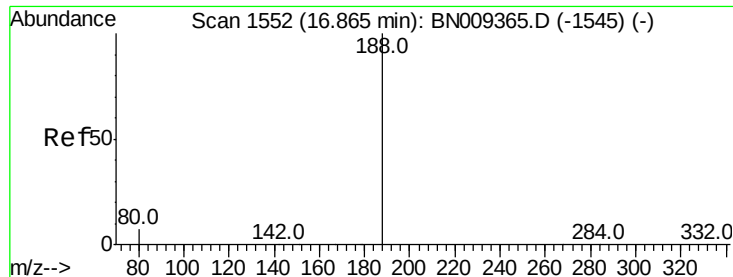


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.86 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

Instrument :

BNA_N

ClientSampleId :

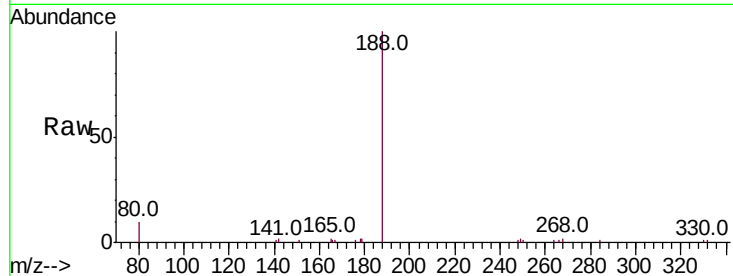
Tot Ion:188 Resp: 6516

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

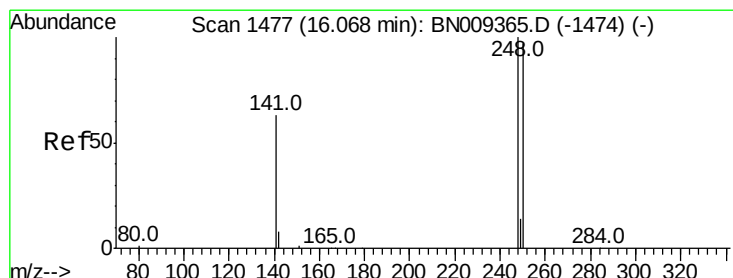
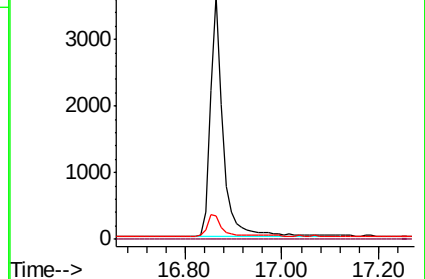
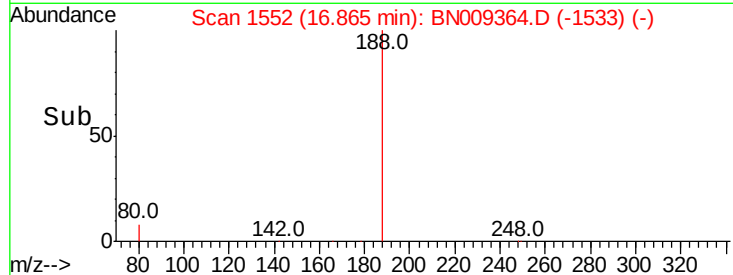
80 9.7 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.177 ng

RT: 16.07 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

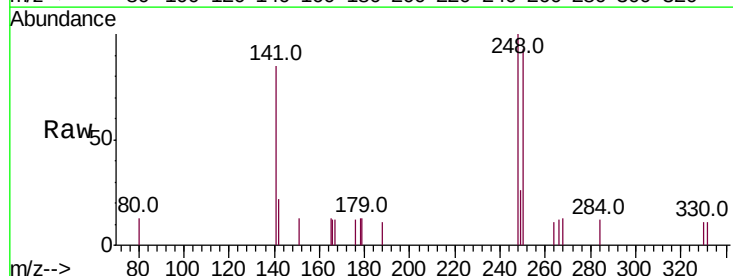
Tgt Ion:248 Resp: 690

Ion Ratio Lower Upper

248 100

250 93.5 77.8 116.8

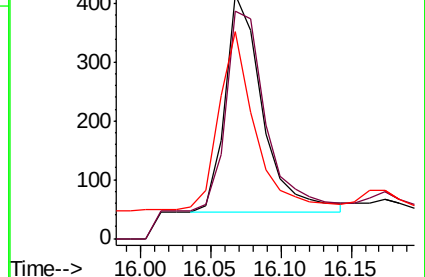
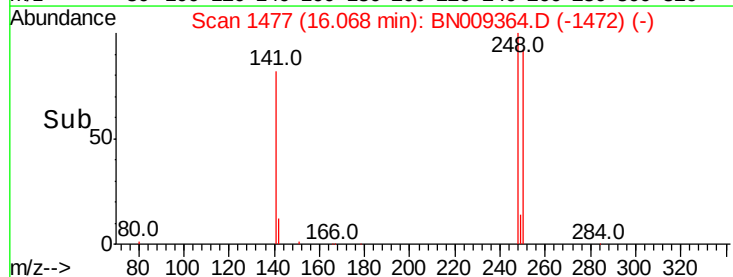
141 85.1 53.4 80.0#

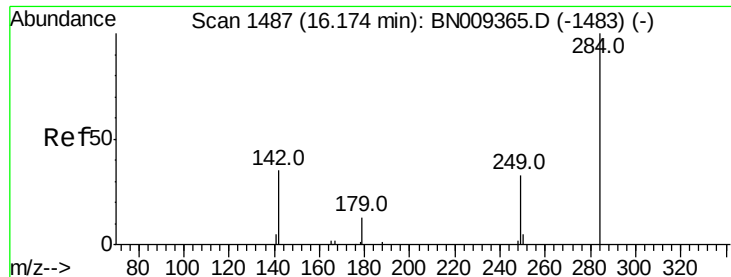


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.178 ng

RT: 16.17 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

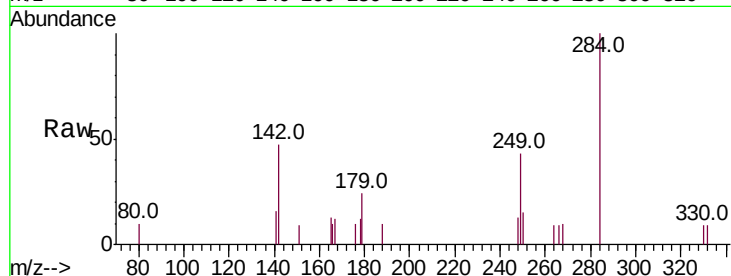
Instrument :

BNA_N

ClientSampleId :

Tot Ion:284 Resp: 789

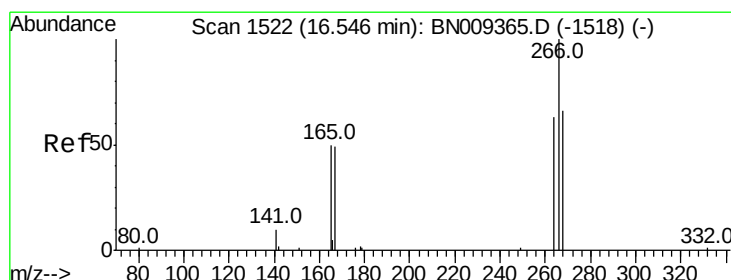
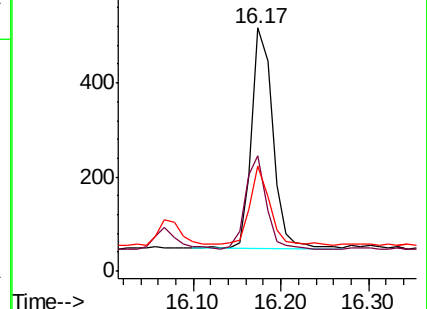
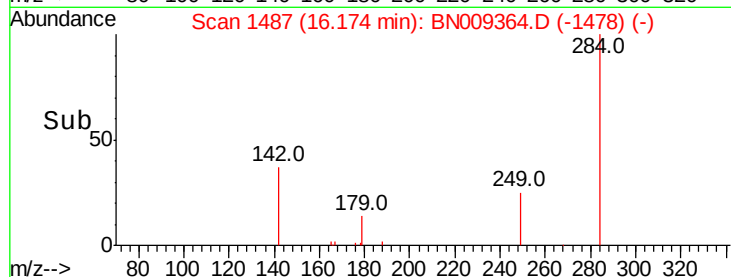
Ion	Ratio	Lower	Upper
284	100		
142	40.3	33.8	50.8
249	32.7	27.0	40.4



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: 0.107 ng

RT: 16.57 min Scan# 1524

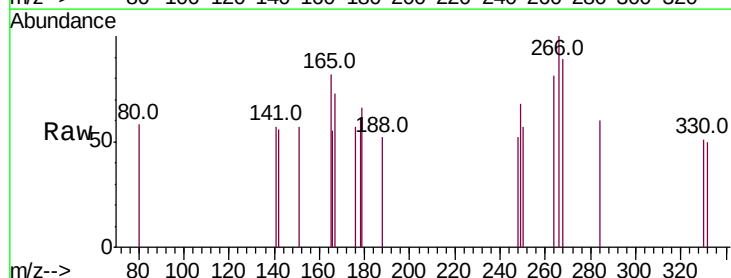
Delta R.T. 0.02 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

Tgt Ion:266 Resp: 171

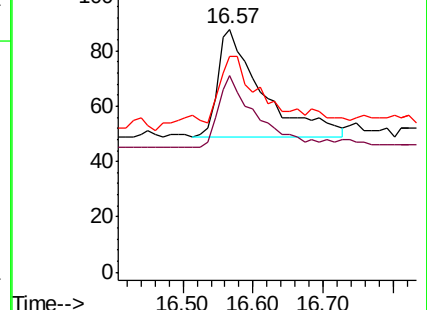
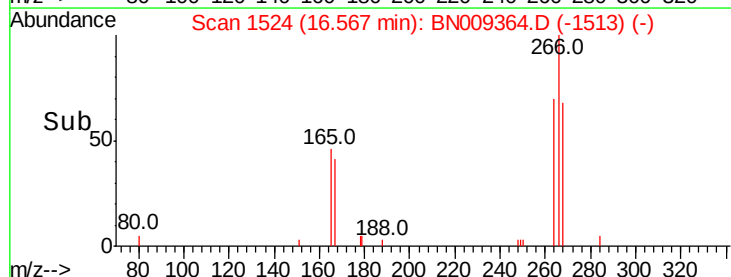
Ion	Ratio	Lower	Upper
266	100		
264	80.7	57.8	86.6
268	88.6	63.8	95.6

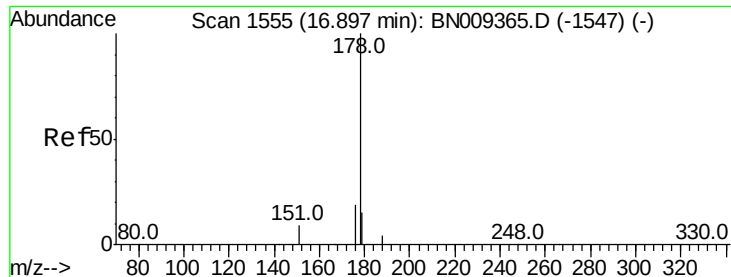


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.172 ng

RT: 16.91 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

Instrument :

BNA_N

ClientSampleId :

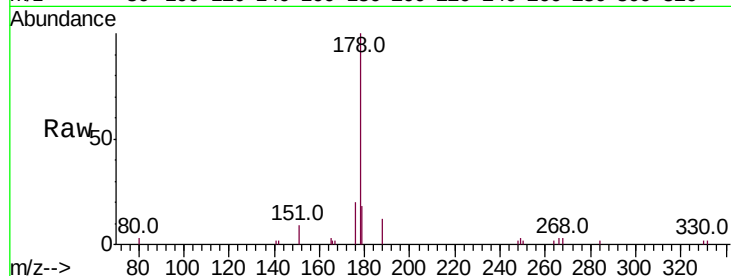
Tot Ion:178 Resp: 3524

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

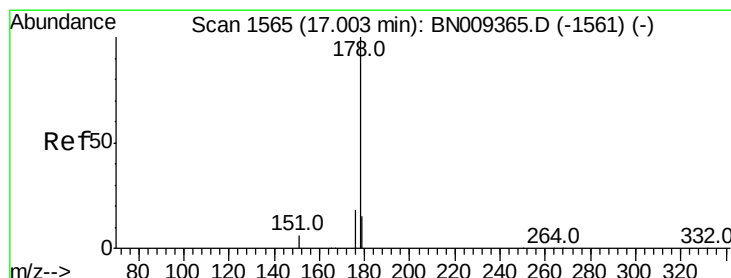
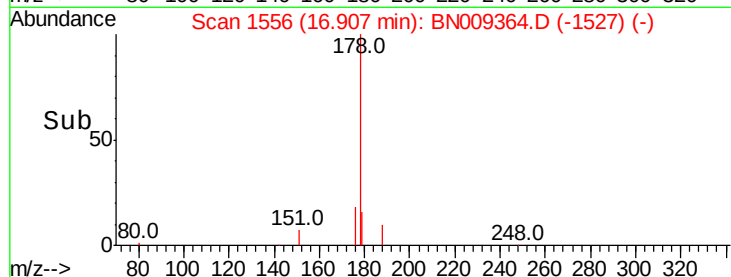
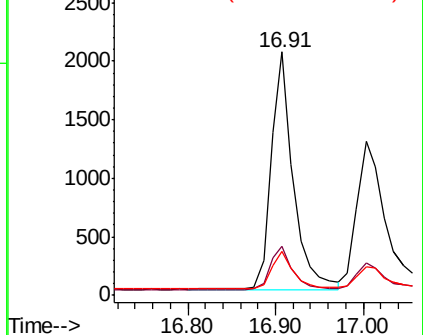
179 15.5 12.3 18.5



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: 0.157 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

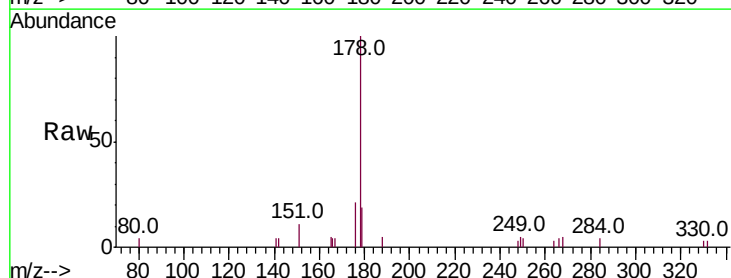
Tgt Ion:178 Resp: 2833

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

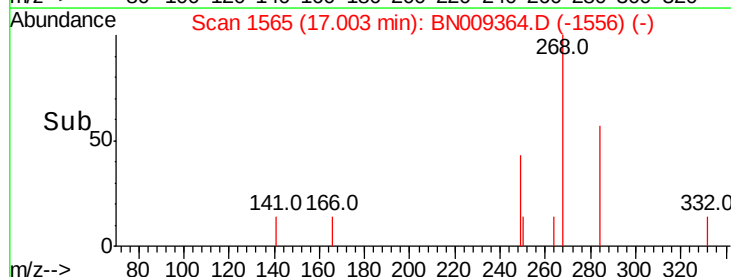
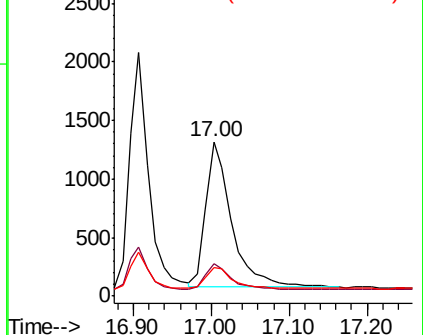
179 14.5 12.5 18.7

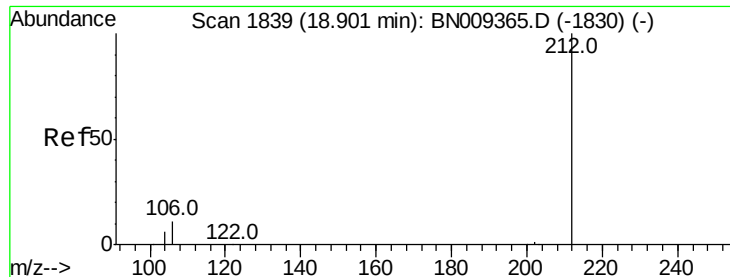


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.208 ng

RT: 18.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

Instrument :

BNA_N

ClientSampleId :

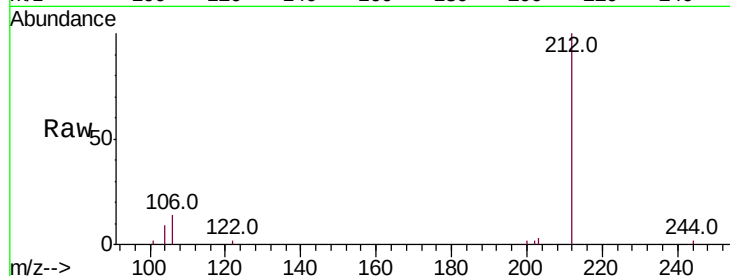
Tot Ion:212 Resp: 4098

Ion Ratio Lower Upper

212 100

106 11.6 9.2 13.8

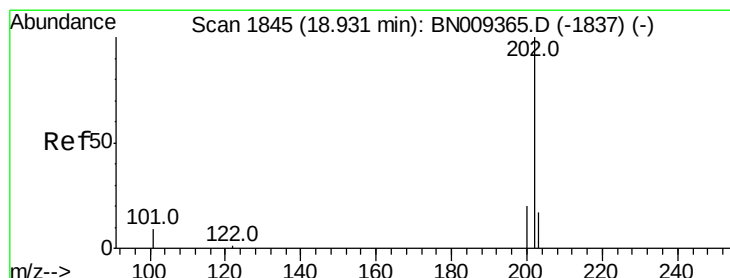
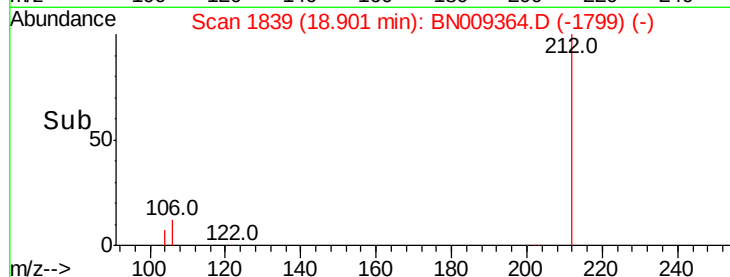
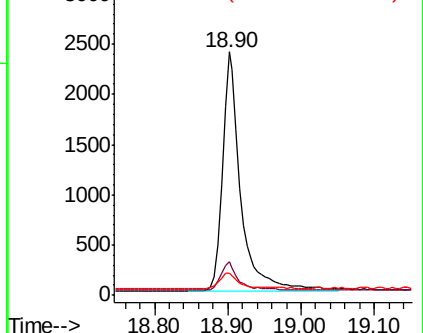
104 7.1 5.4 8.0



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: 0.170 ng

RT: 18.93 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

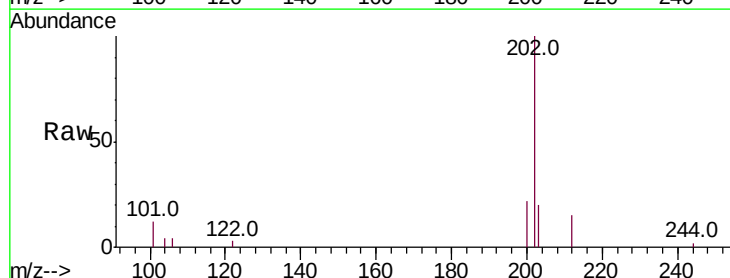
Tgt Ion:202 Resp: 4141

Ion Ratio Lower Upper

202 100

101 9.9 8.0 12.0

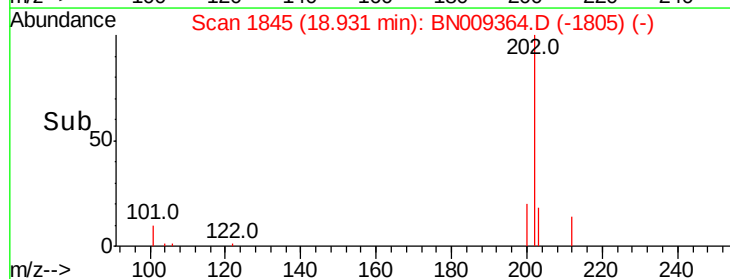
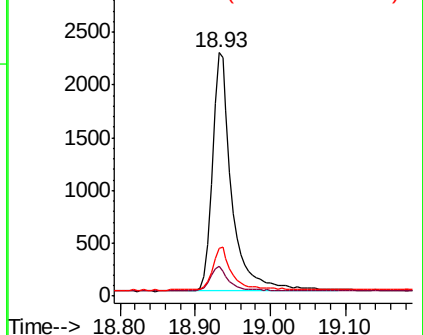
203 17.1 13.5 20.3

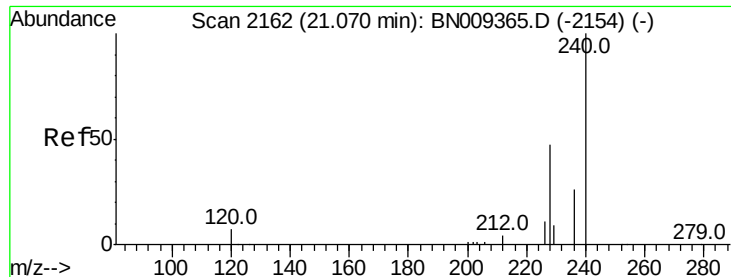


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2162

Delta R.T. -0.00 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

Instrument :

BNA_N

ClientSampleId :

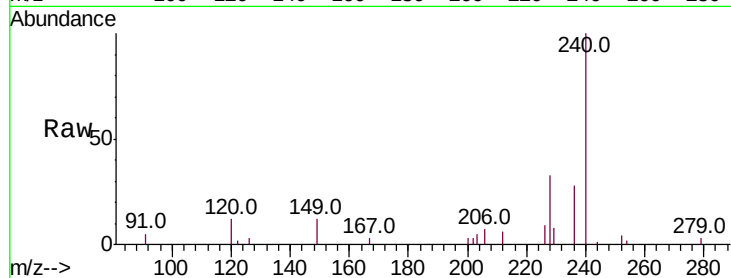
Tot Ion:240 Resp: 5621

Ion Ratio Lower Upper

240 100

120 11.7 8.1 12.1

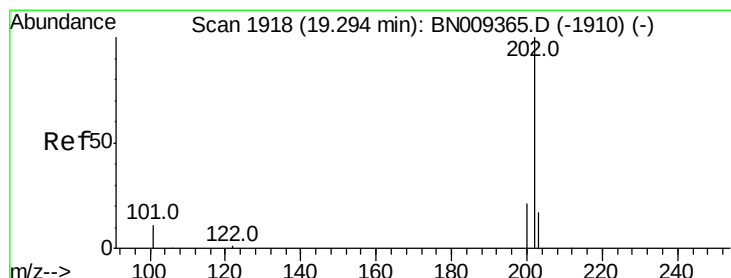
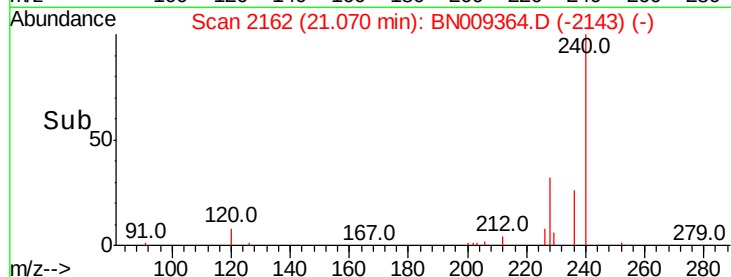
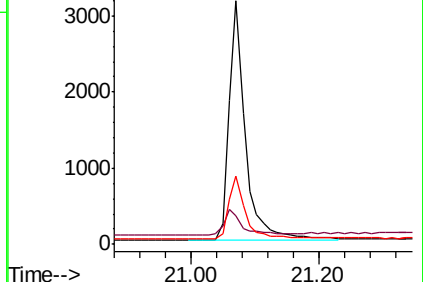
236 28.1 22.2 33.4



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: 0.213 ng

RT: 19.30 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

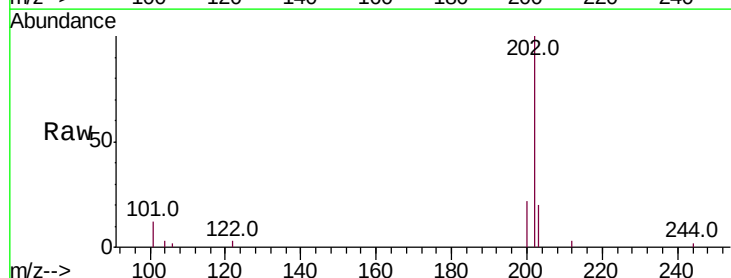
Tgt Ion:202 Resp: 4191

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

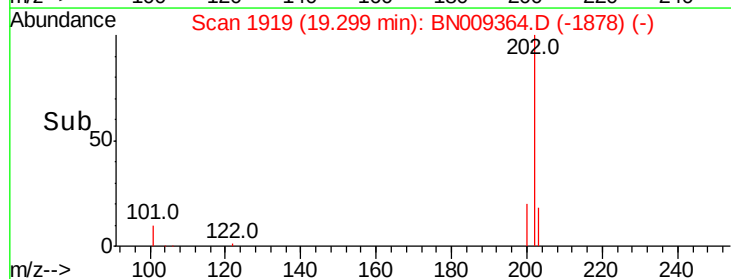
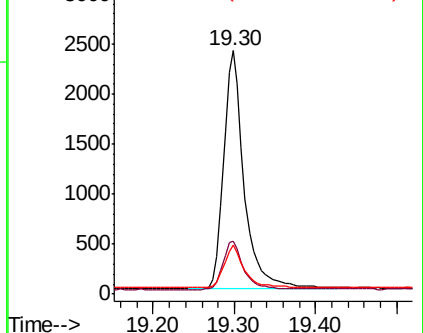
203 17.5 14.1 21.1

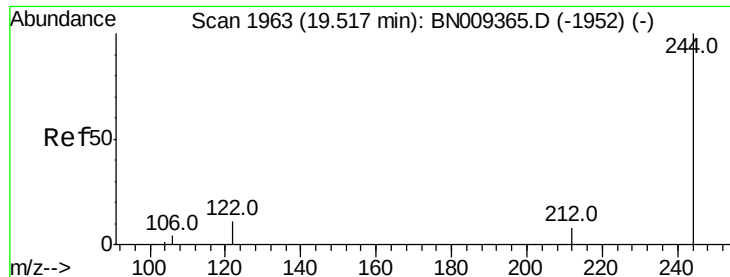


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.199 ng

RT: 19.52 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

Instrument :

BNA_N

ClientSampleId :

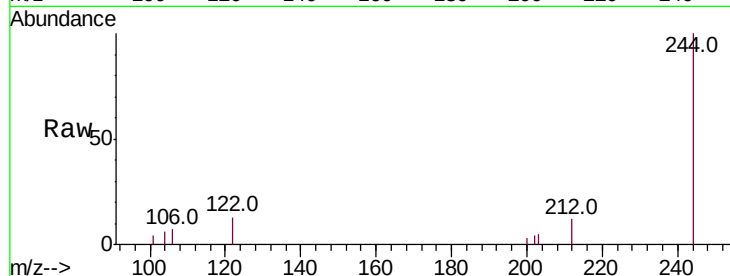
Tot Ion:244 Resp: 2551

Ion Ratio Lower Upper

244 100

212 11.6 7.5 11.3#

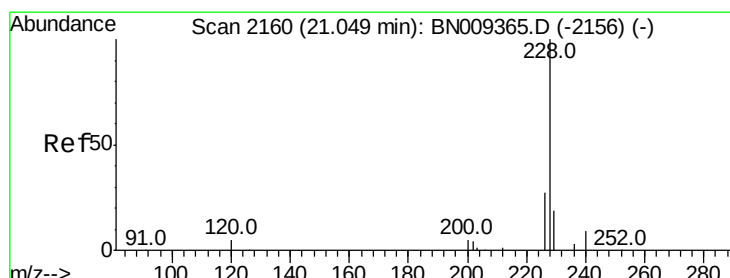
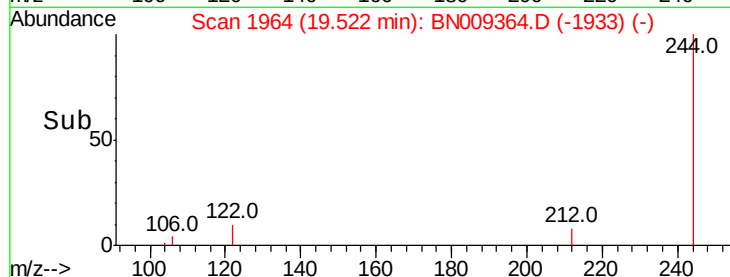
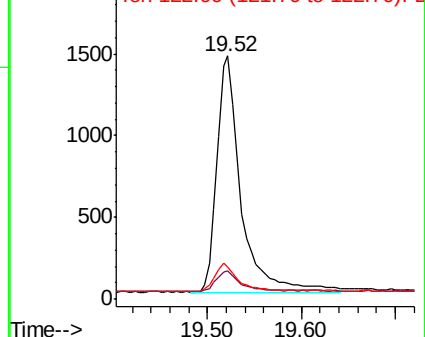
122 13.1 9.8 14.6



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: 0.167 ng

RT: 21.06 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

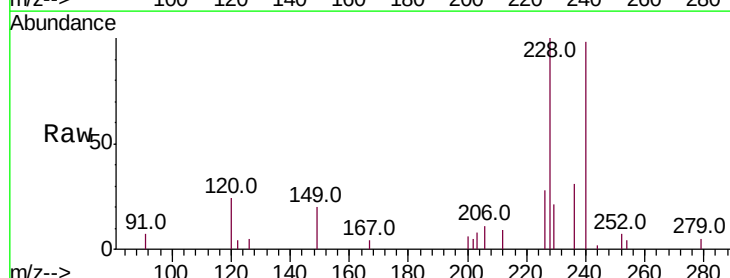
Tgt Ion:228 Resp: 3320

Ion Ratio Lower Upper

228 100

226 28.0 22.5 33.7

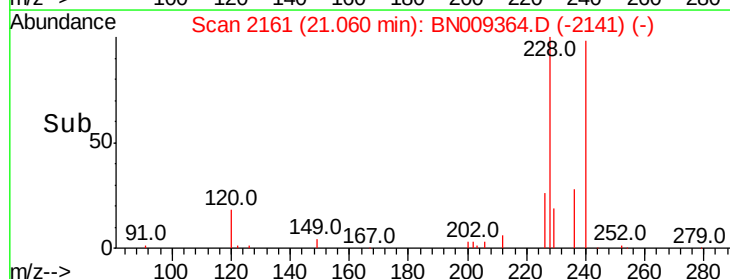
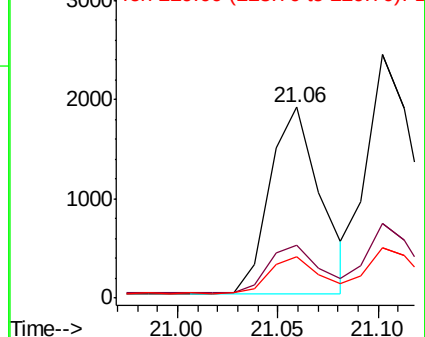
229 21.5 16.1 24.1

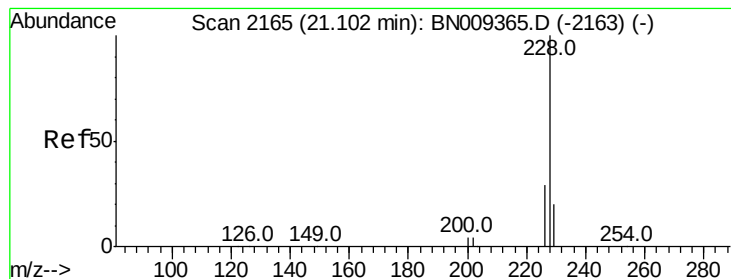


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.208 ng

RT: 21.10 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

Instrument :

BNA_N

ClientSampleId :

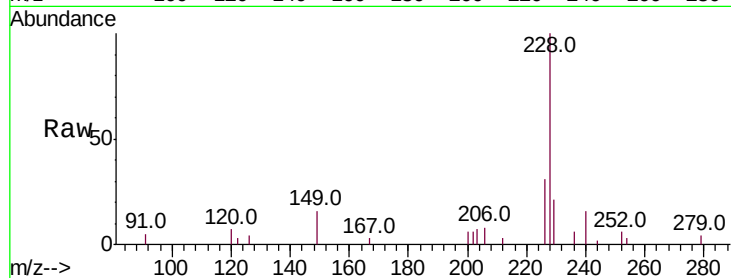
Tot Ion:228 Resp: 4303

Ion Ratio Lower Upper

228 100

226 30.6 23.8 35.8

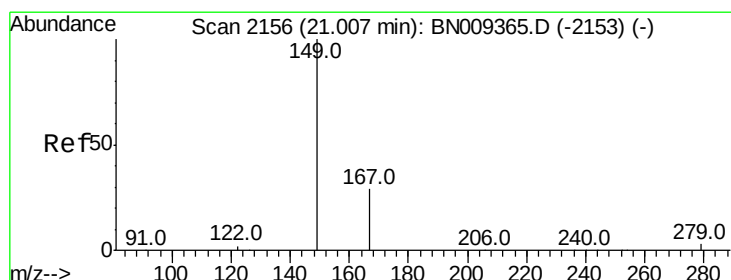
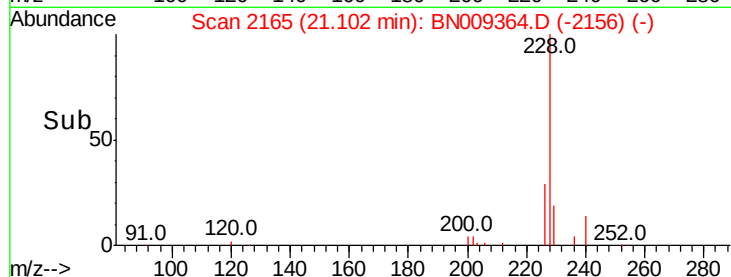
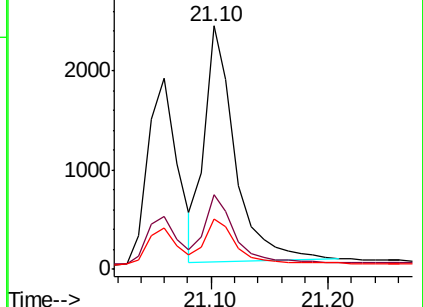
229 20.8 16.6 24.8



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: 0.167 ng

RT: 21.01 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

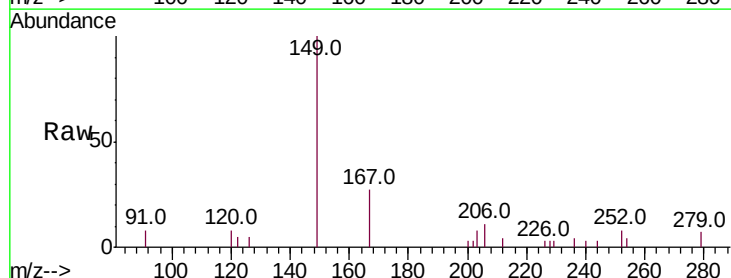
Tgt Ion:149 Resp: 1562

Ion Ratio Lower Upper

149 100

167 27.0 22.9 34.3

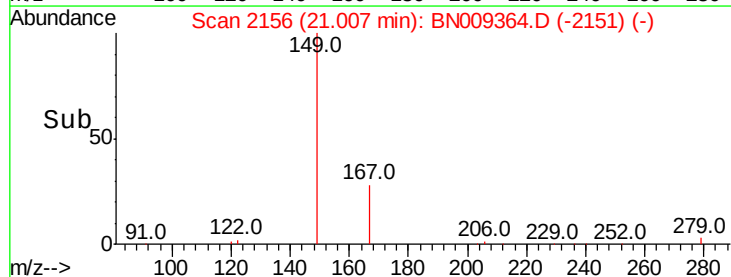
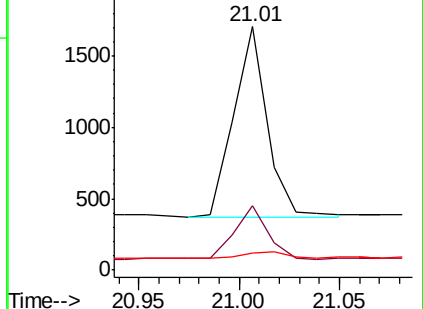
279 4.4 3.4 5.0

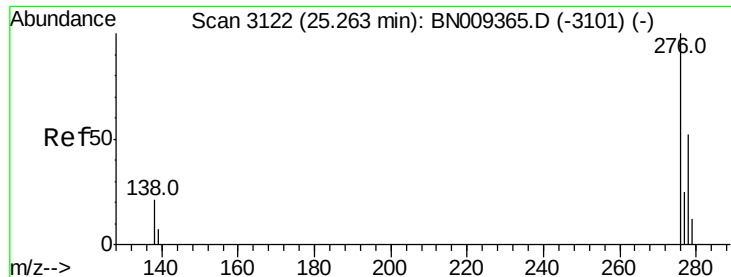


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

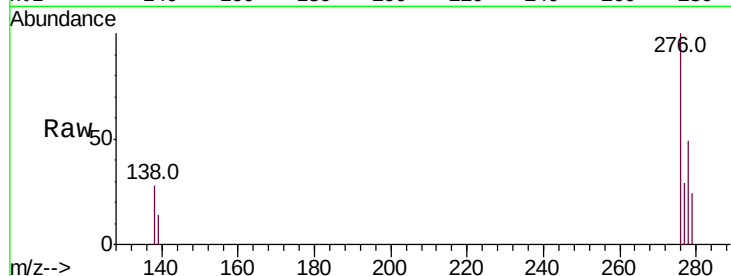




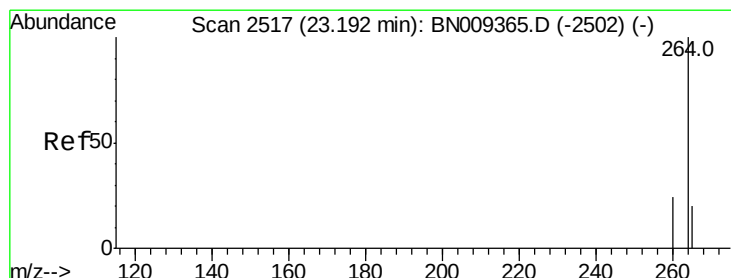
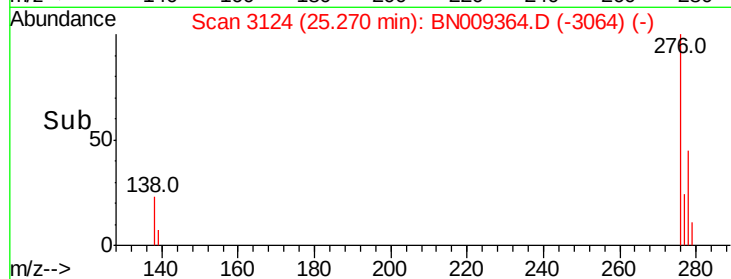
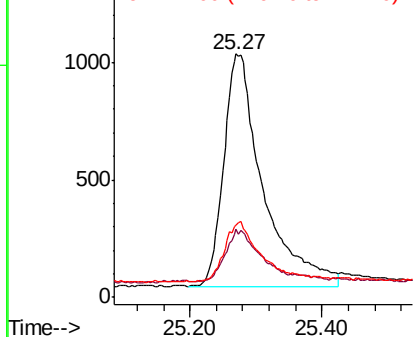
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.186 ng
 RT: 25.27 min Scan# 3124
 Delta R.T. 0.01 min
 Lab File: BN009364.D
 Acq: 13 Jan 2020 15:06

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 4068
 Ion Ratio Lower Upper
 276 100
 138 21.0 15.9 23.9
 277 23.7 19.8 29.6

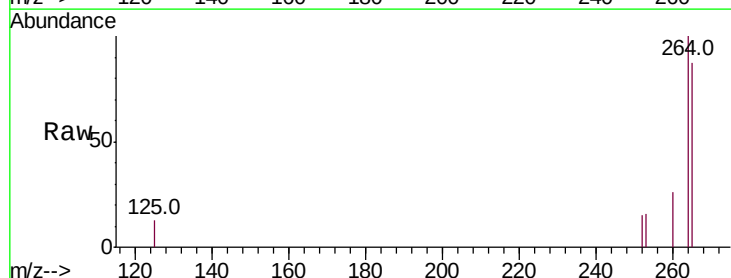


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

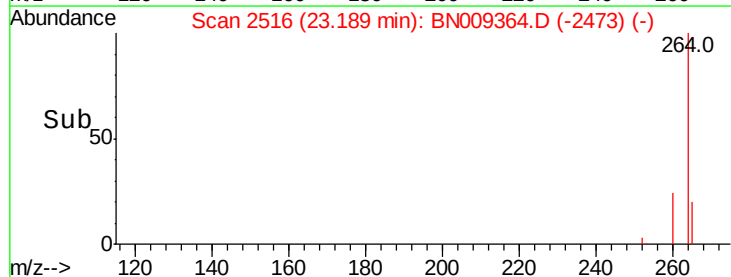
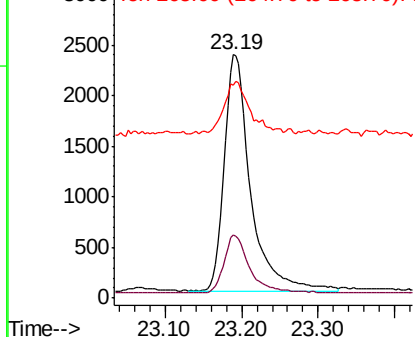


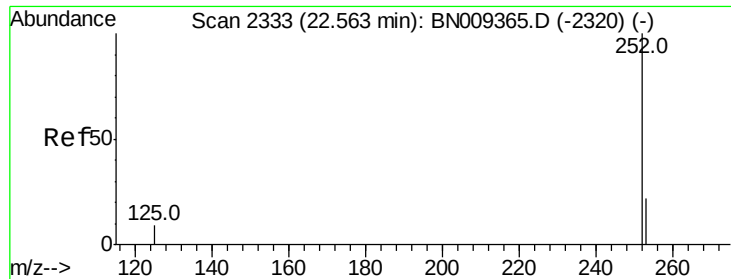
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.19 min Scan# 2516
 Delta R.T. -0.00 min
 Lab File: BN009364.D
 Acq: 13 Jan 2020 15:06

Tgt Ion:264 Resp: 5682
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.1 30.1
 265 87.4 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

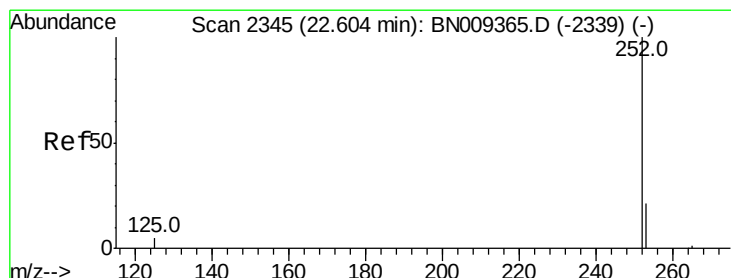
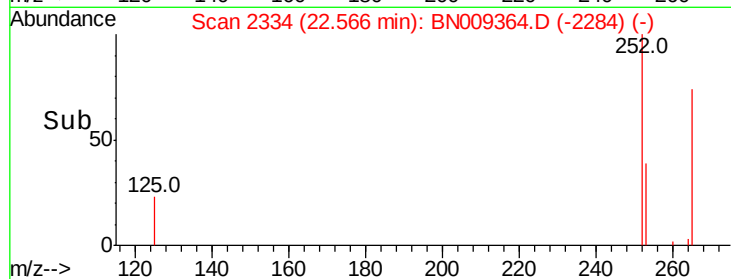
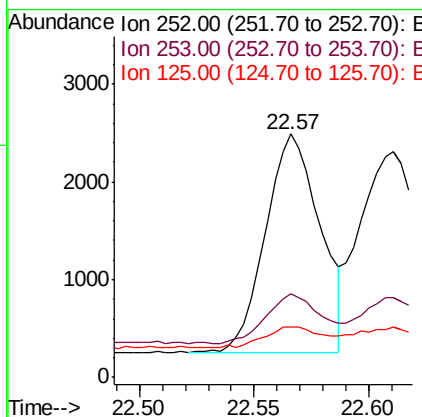
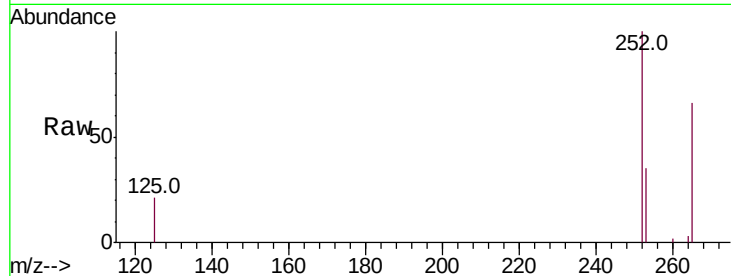




#35
Benzo(b)fluoranthene
Concen: 0.182 ng
RT: 22.57 min Scan# 2334
Delta R.T. 0.00 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

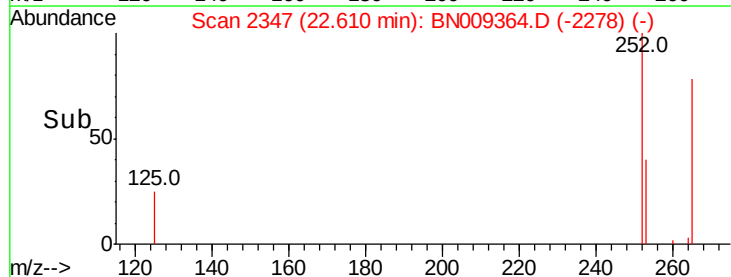
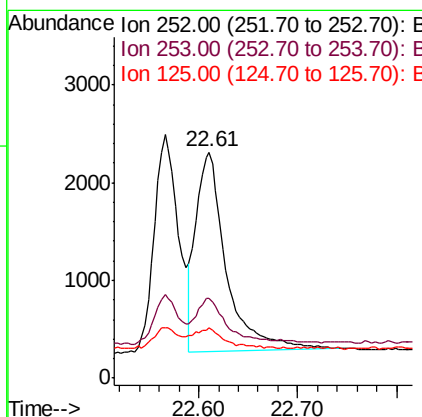
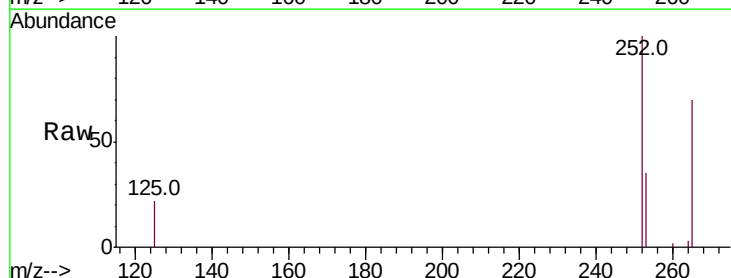
Instrument :
BNA_N
ClientSampleId :

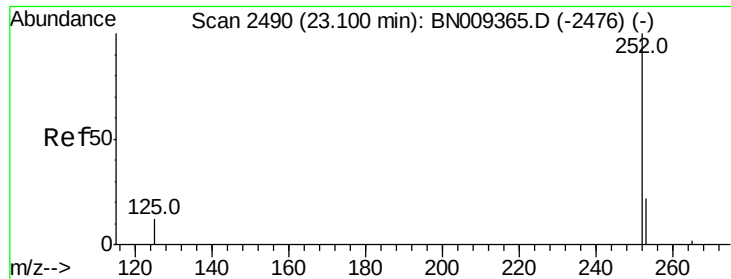
Tot Ion:252 Resp: 3696
Ion Ratio Lower Upper
252 100
253 34.6 22.4 33.6#
125 20.9 11.6 17.4#



#36
Benzo(k)fluoranthene
Concen: 0.211 ng
RT: 22.61 min Scan# 2347
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion:252 Resp: 4324
Ion Ratio Lower Upper
252 100
253 35.5 21.9 32.9#
125 22.3 12.0 18.0#





#37

Benzo(a)pyrene

Concen: 0.184 ng

RT: 23.10 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

Instrument :

BNA_N

ClientSampleId :

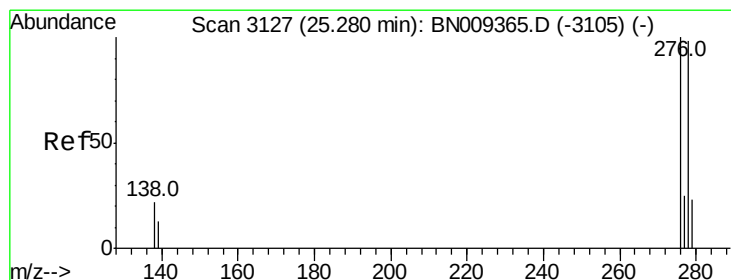
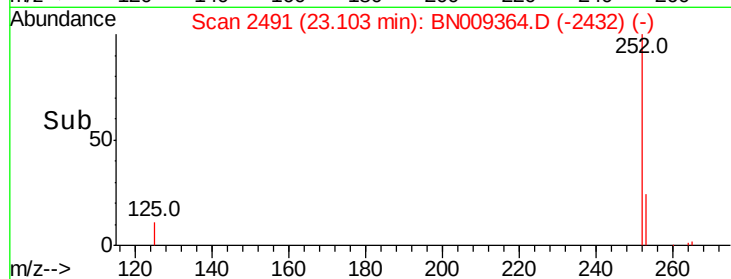
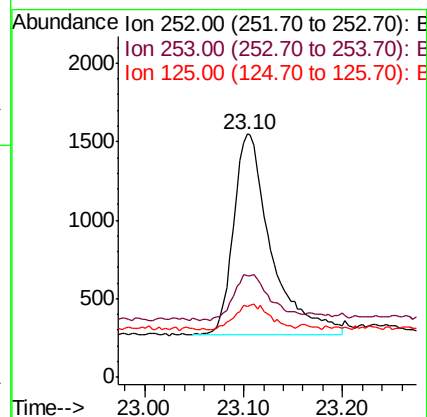
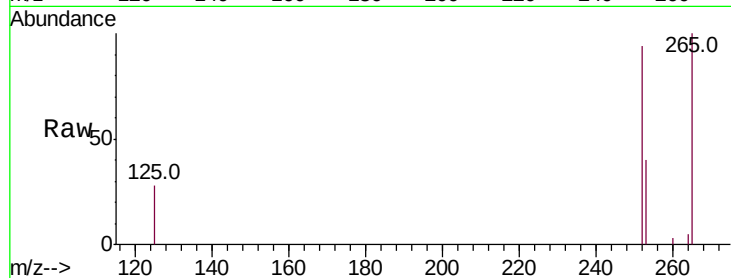
Tot Ion:252 Resp: 3356

Ion Ratio Lower Upper

252 100

253 41.9 25.4 38.0#

125 29.2 16.2 24.2#



#38

Dibenzo(a,h)anthracene

Concen: 0.185 ng

RT: 25.29 min Scan# 3130

Delta R.T. 0.01 min

Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

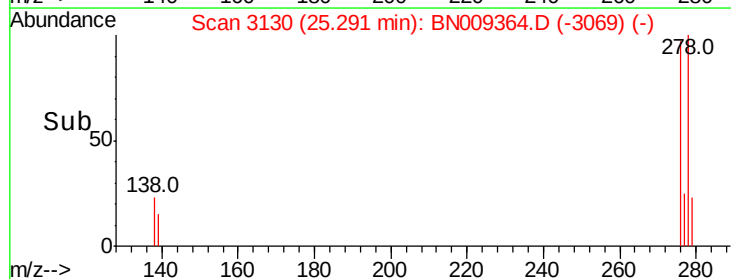
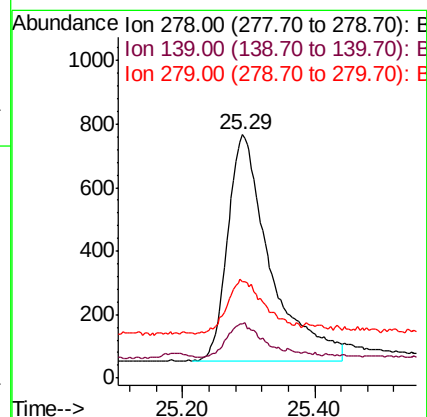
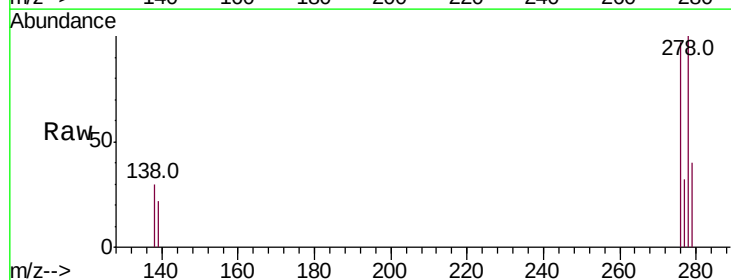
Tgt Ion:278 Resp: 3170

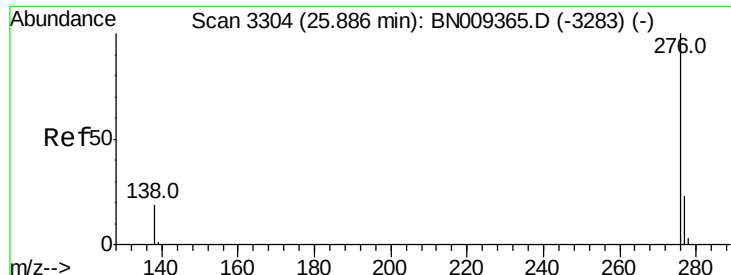
Ion Ratio Lower Upper

278 100

139 22.0 14.5 21.7#

279 39.8 24.2 36.4#





#39

Benzo(a,h,i)perylene

Concen: 0.226 ng

RT: 25.90 min Scan# 3307

Delta R.T. 0.01 min

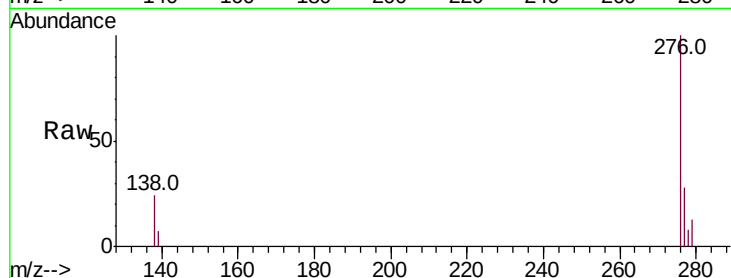
Lab File: BN009364.D

Acq: 13 Jan 2020 15:06

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 3816

Ion Ratio Lower Upper

276 100

277 28.3 20.6 30.8

138 23.8 17.1 25.7

Abundance Ion 276.00 (275.70 to 276.70): E

1500 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

