

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012420\
 Data File : BN009442.D
 Acq On : 24 Jan 2020 15:02
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jan 24 15:53:11 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	7.46	152	1728	0.40	ng	-0.02
7) Naphthalene-d8	10.22	136	6617	0.40	ng	-0.01
13) Acenaphthene-d10	14.10	164	4274	0.40	ng	-0.01
19) Phenanthrene-d10	16.84	188	9048	0.40	ng	-0.02
27) Chrysene-d12	21.06	240	7798	0.40	ng	-0.01
34) Perylene-d12	23.18	264	8101	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	1584	0.40	ng	-0.02
5) Phenol-d6	6.66	99	1949	0.42	ng	-0.02
8) Nitrobenzene-d5	8.61	82	2089	0.40	ng	-0.03
11) 2-Methylnaphthalene-d10	11.81	152	5066	0.40	ng	-0.02
14) 2,4,6-Tribromophenol	15.60	330	588	0.36	ng	-0.02
15) 2-Fluorobiphenyl	12.72	172	6639	0.42	ng	-0.01
25) Fluoranthene-d10	18.89	212	11159	0.36	ng	-0.01
29) Terphenyl-d14	19.51	244	7536	0.41	ng	-0.01

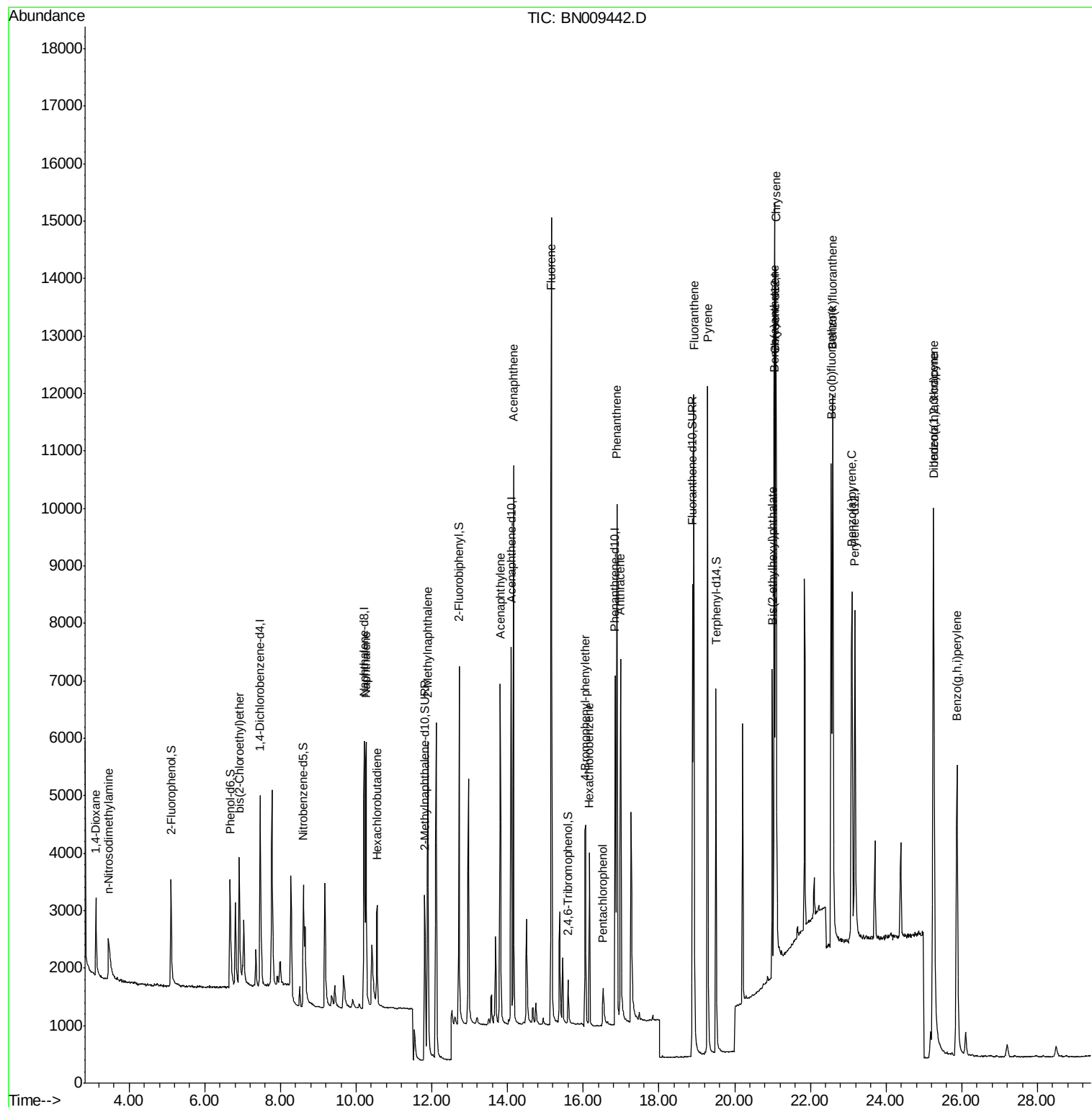
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.13	88	708	0.393	ng	98
3) n-Nitrosodimethylamine	3.46	42	1169	0.420	ng	# 97
6) bis(2-Chloroethyl)ether	6.91	93	1905	0.402	ng	97
9) Naphthalene	10.27	128	6963	0.389	ng	98
10) Hexachlorobutadiene	10.56	225	1560	0.397	ng	# 98
12) 2-Methylnaphthalene	11.89	142	4895	0.392	ng	100
16) Acenaphthylene	13.81	152	6917	0.375	ng	99
17) Acenaphthene	14.15	154	5010	0.386	ng	98
18) Fluorene	15.16	166	6366	0.377	ng	99
20) 4-Bromophenyl-phenylether	16.06	248	2089	0.383	ng	92
21) Hexachlorobenzene	16.16	284	2219	0.383	ng	99
22) Pentachlorophenol	16.52	266	546	0.413	ng	92
23) Phenanthrene	16.89	178	10294	0.379	ng	100
24) Anthracene	16.98	178	8579	0.376	ng	99
26) Fluoranthene	18.92	202	11653	0.365	ng	99
28) Pyrene	19.28	202	11690	0.396	ng	100
30) Benzo(a)anthracene	21.04	228	9872	0.385	ng	99
31) Chrysene	21.09	228	11381	0.388	ng	99
32) Bis(2-ethylhexyl)phthalate	21.00	149	4581	0.404	ng	98
33) Indeno(1,2,3-cd)pyrene	25.25	276	12624	0.414	ng	99
35) Benzo(b)fluoranthene	22.55	252	10540	0.354	ng	96
36) Benzo(k)fluoranthene	22.59	252	12811	0.390	ng	99
37) Benzo(a)pyrene	23.09	252	10107	0.385	ng	96
38) Dibenzo(a,h)anthracene	25.26	278	10057	0.381	ng	95
39) Benzo(g,h,i)perylene	25.87	276	10920	0.376	ng	98

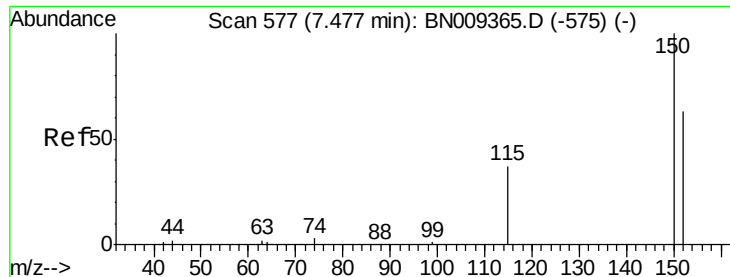
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 14 09:33:55 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.46 min Scan# 575

Delta R.T. -0.02 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

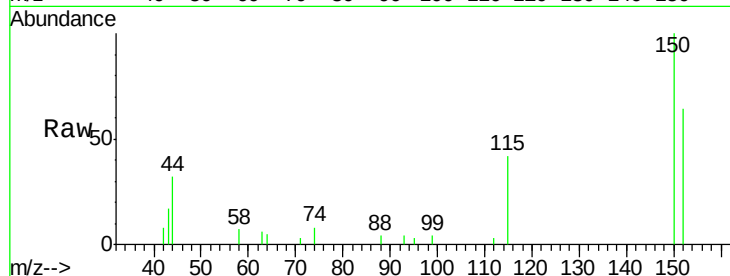
Tot Ion:152 Resp: 1728

Ion Ratio Lower Upper

152 100

150 156.2 125.7 188.5

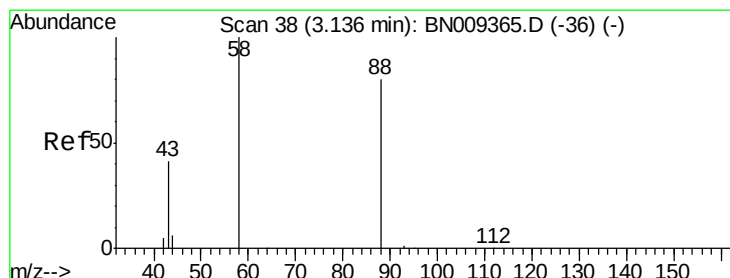
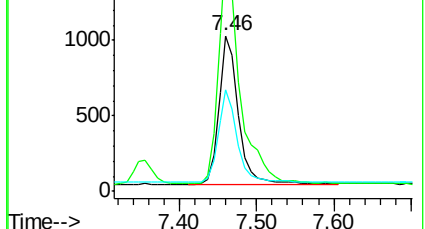
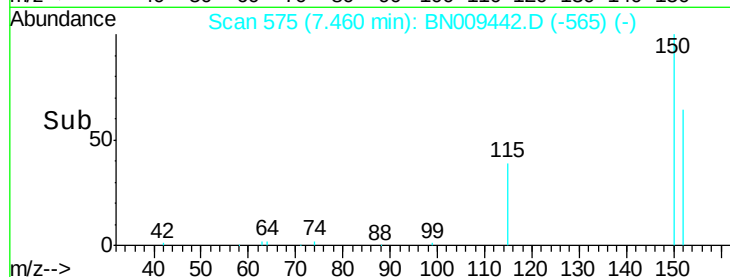
115 65.0 53.3 79.9



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: 0.393 ng

RT: 3.13 min Scan# 37

Delta R.T. -0.01 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

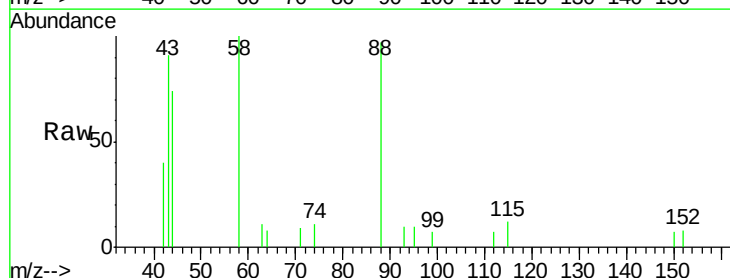
Tgt Ion: 88 Resp: 708

Ion Ratio Lower Upper

88 100

58 125.1 100.2 150.2

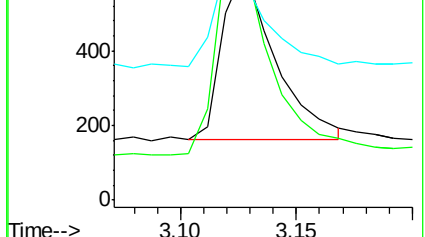
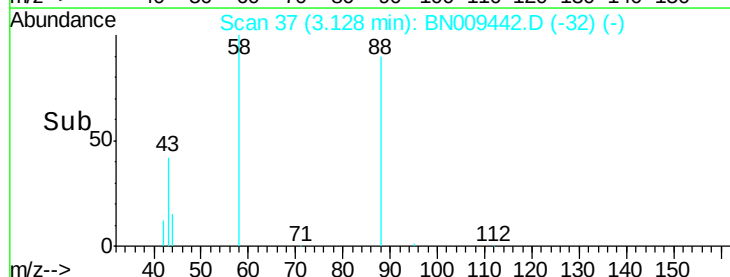
43 57.6 43.1 64.7

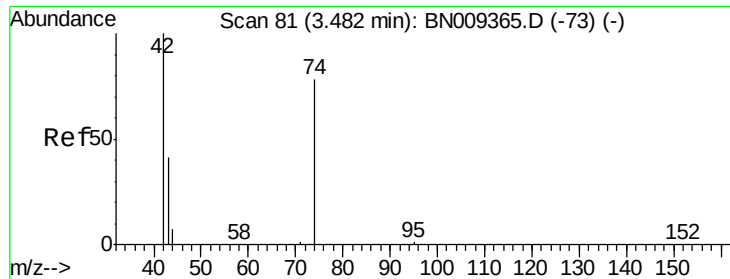


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.420 ng

RT: 3.46 min Scan# 78

Delta R.T. -0.02 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

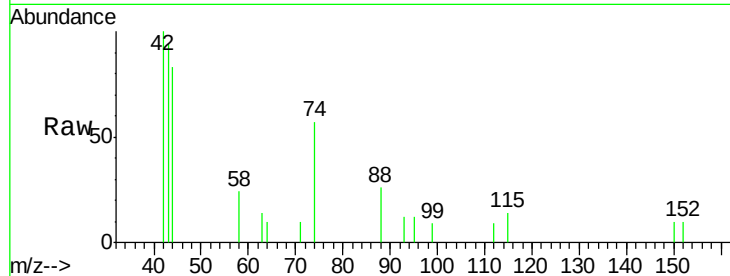
Tot Ion: 42 Resp: 1169

Ion Ratio Lower Upper

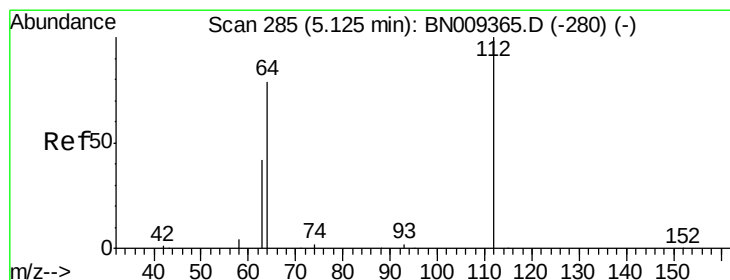
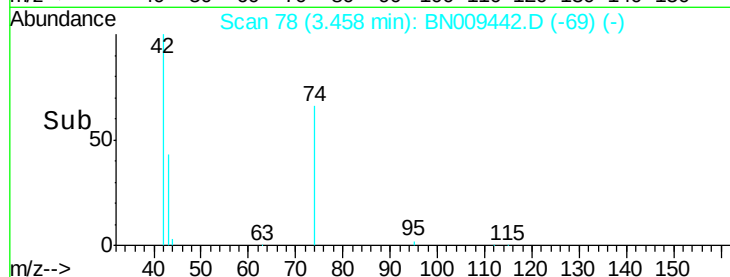
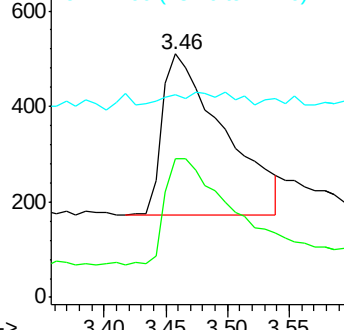
42 100

74 70.5 55.8 83.8

44 9.1 11.1 16.7#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.398 ng

RT: 5.11 min Scan# 283

Delta R.T. -0.02 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

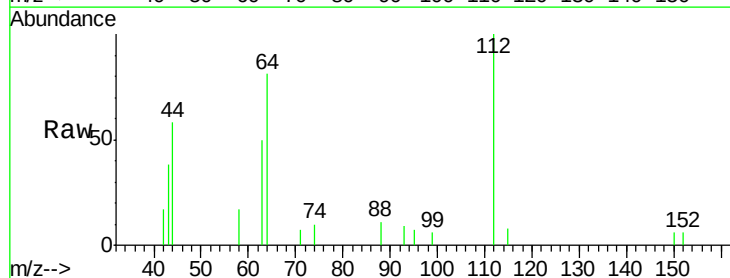
Tgt Ion: 112 Resp: 1584

Ion Ratio Lower Upper

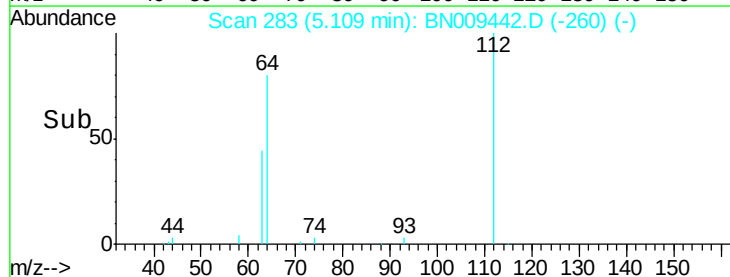
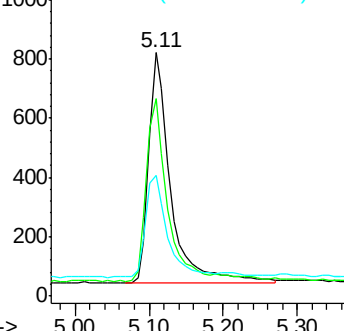
112 100

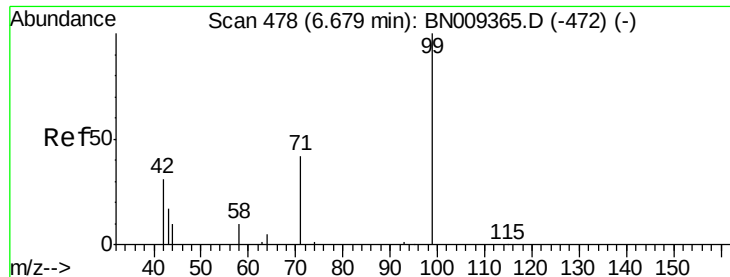
64 80.0 61.5 92.3

63 44.0 35.0 52.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.423 ng

RT: 6.66 min Scan# 476

Delta R.T. -0.02 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

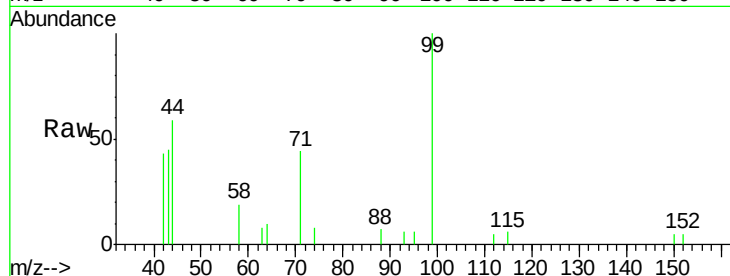
Tot Ion: 99 Resp: 1949

Ion Ratio Lower Upper

99 100

42 34.7 27.6 41.4

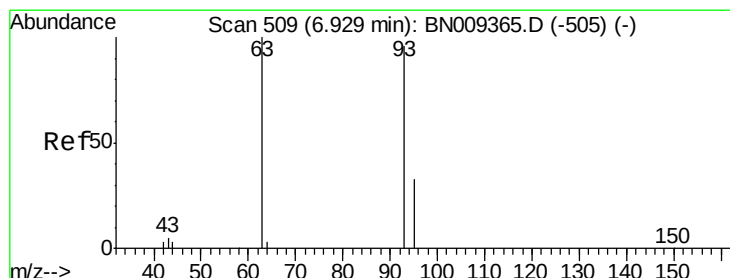
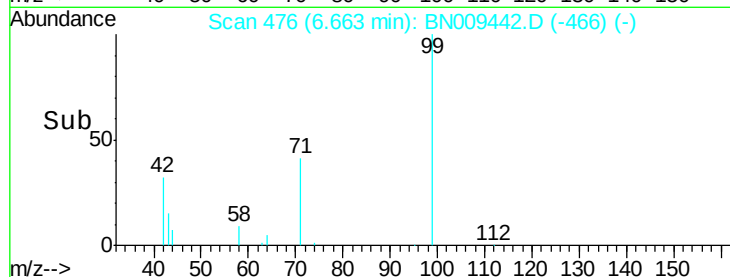
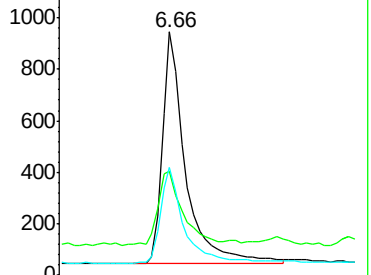
71 41.0 33.0 49.6



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) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.402 ng

RT: 6.91 min Scan# 507

Delta R.T. -0.02 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

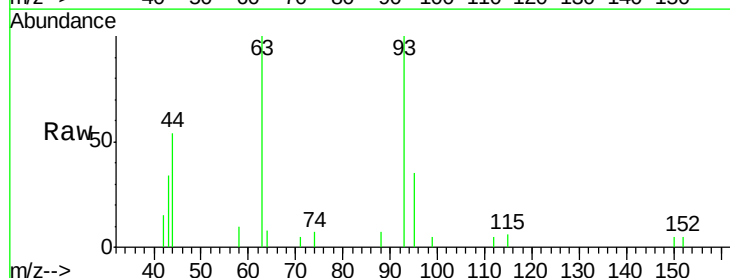
Tgt Ion: 93 Resp: 1905

Ion Ratio Lower Upper

93 100

63 104.1 85.1 127.7

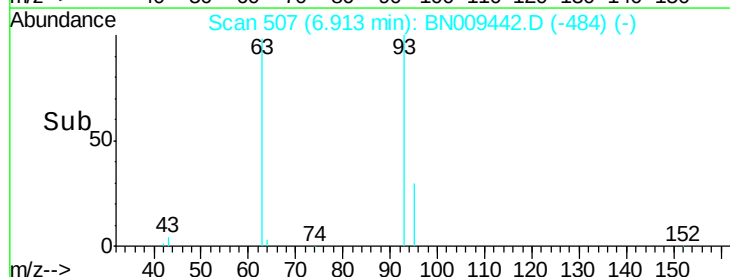
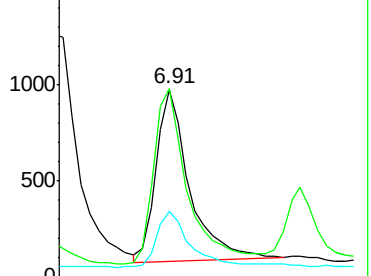
95 34.8 30.2 45.4

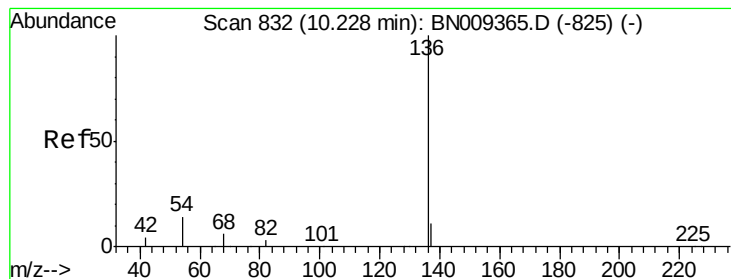


Abundance Ion 93.00 (92.70 to 93.70): BN009365.D (-505) (-)

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

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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 831

Delta R.T. -0.01 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 6617

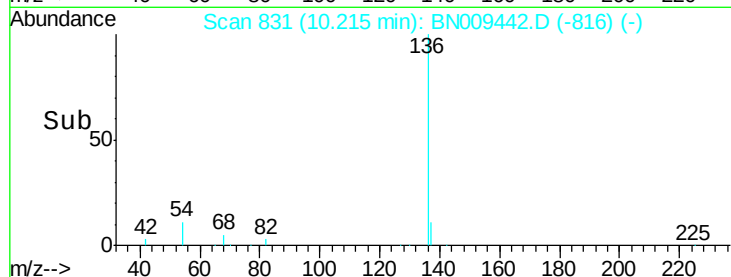
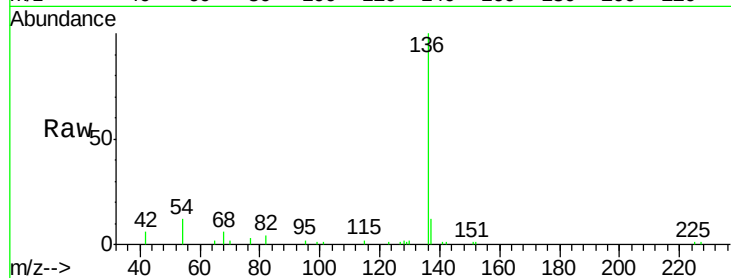
Ion Ratio Lower Upper

136 100

137 12.1 10.3 15.5

54 12.2 12.6 19.0#

68 6.1 6.5 9.7#

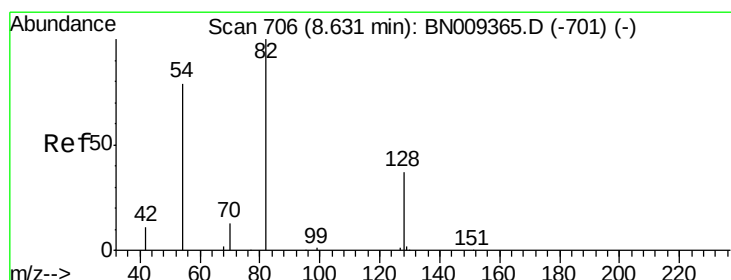
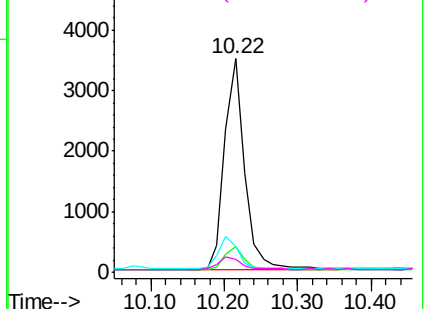


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.396 ng

RT: 8.61 min Scan# 704

Delta R.T. -0.03 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

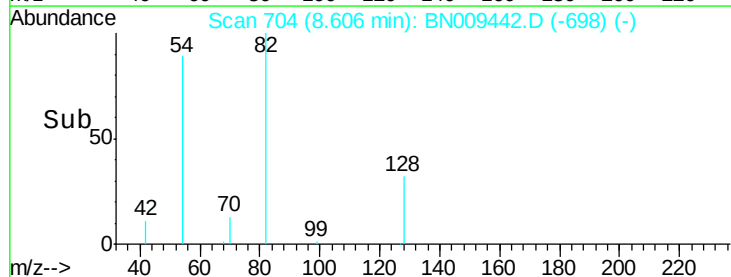
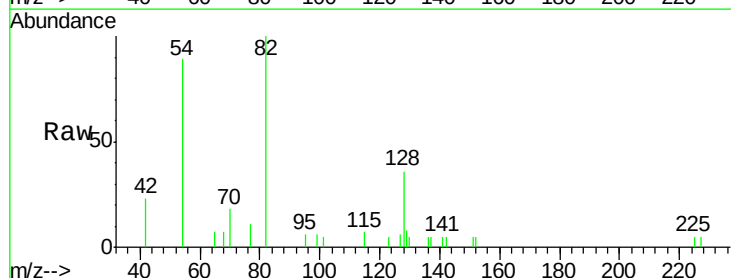
Tgt Ion: 82 Resp: 2089

Ion Ratio Lower Upper

82 100

128 35.8 34.8 52.2

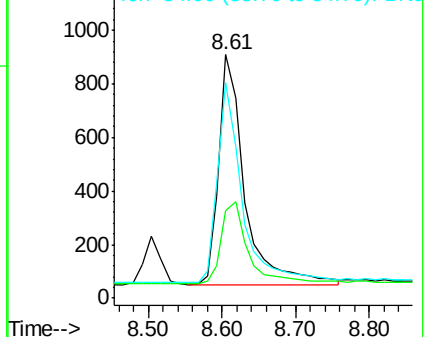
54 88.6 65.8 98.6

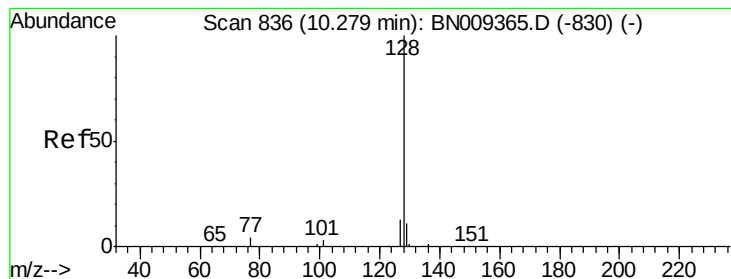


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.389 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.01 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

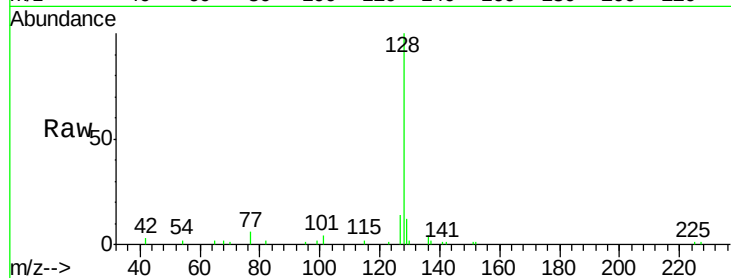
Tot Ion:128 Resp: 6963

Ion Ratio Lower Upper

128 100

129 11.8 10.4 15.6

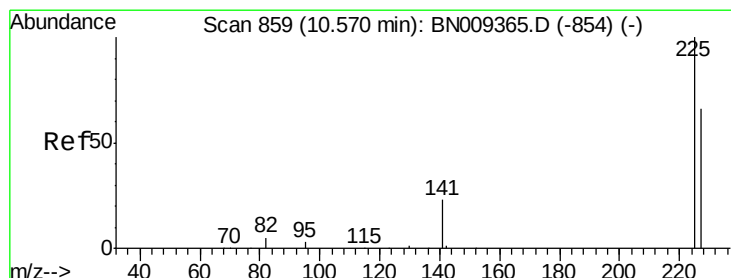
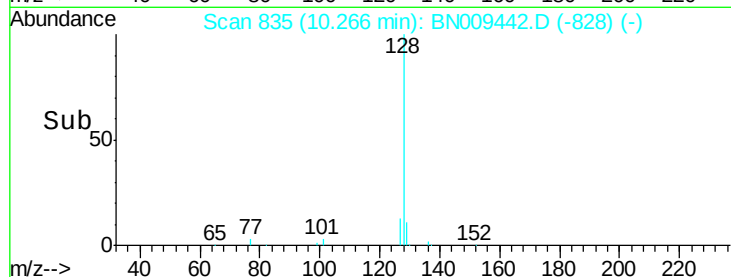
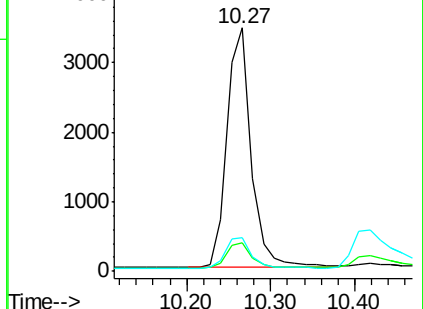
127 13.9 11.4 17.2



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: 0.397 ng

RT: 10.56 min Scan# 858

Delta R.T. -0.01 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

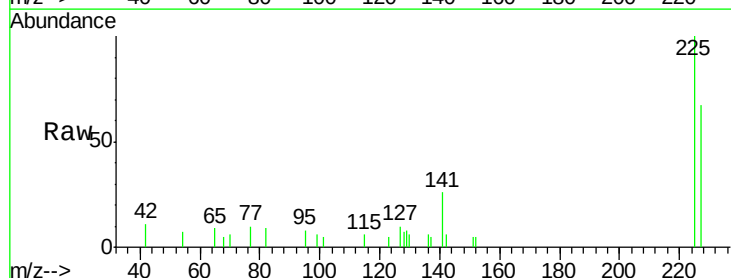
Tgt Ion:225 Resp: 1560

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

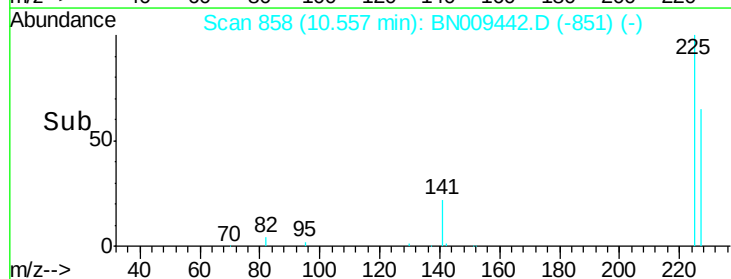
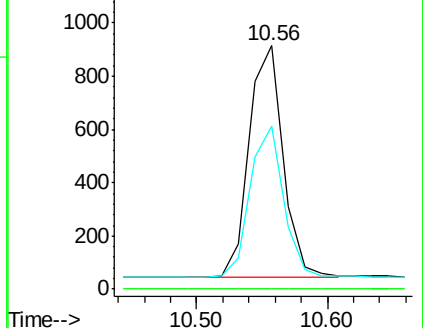
227 64.4 52.6 78.8

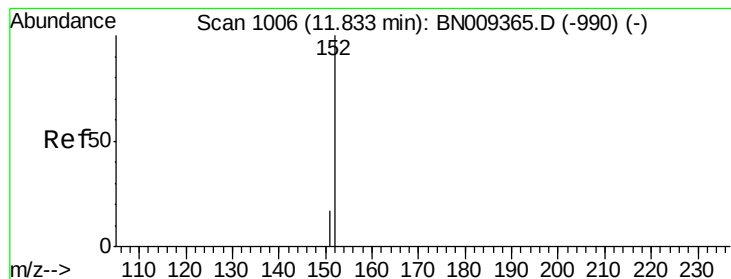


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

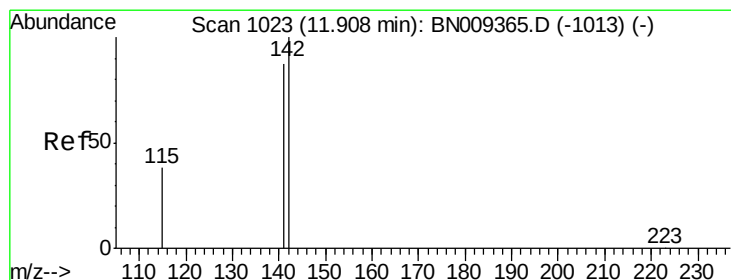
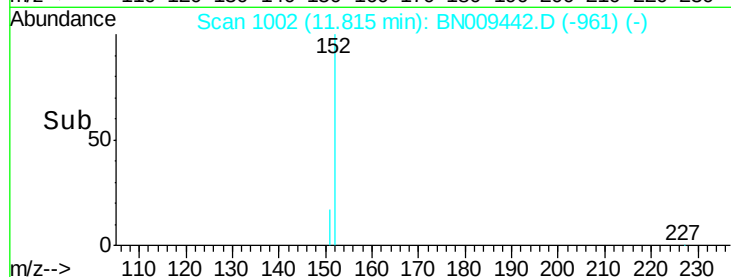
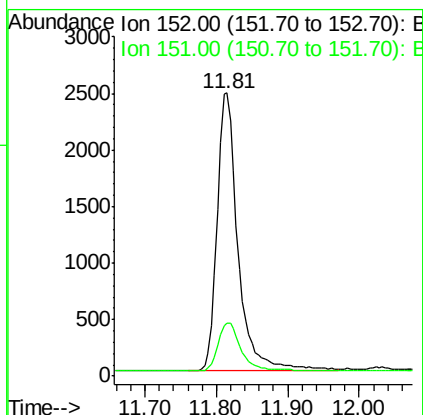
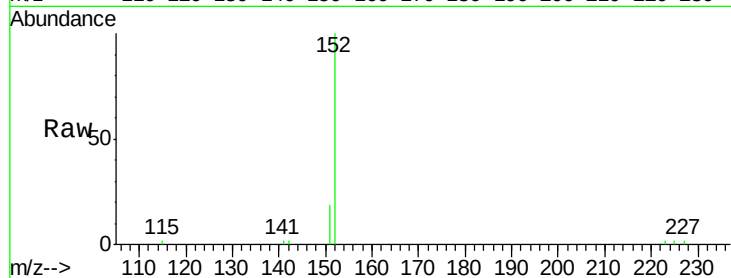




#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 11.81 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BN009442.D
Acq: 24 Jan 2020 15:02

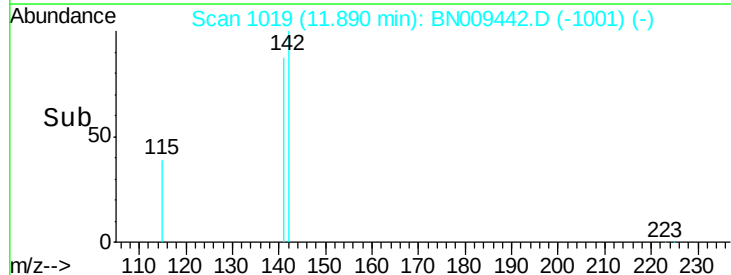
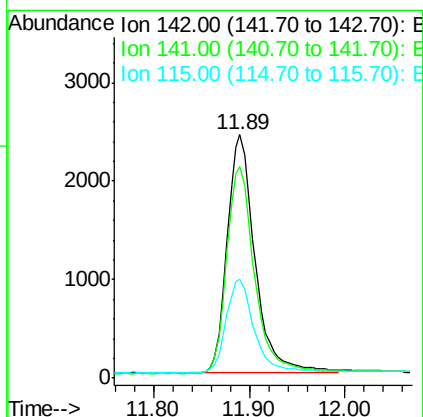
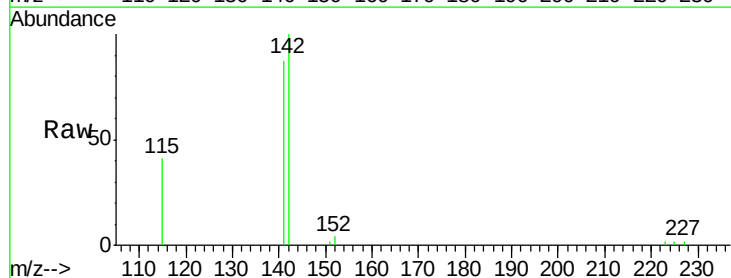
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

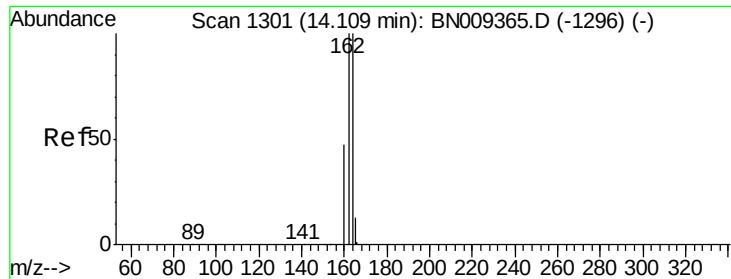
Tot Ion:152 Resp: 5066
Ion Ratio Lower Upper
152 100
151 18.9 14.8 22.2



#12
2-Methylnaphthalene
Concen: 0.392 ng
RT: 11.89 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BN009442.D
Acq: 24 Jan 2020 15:02

Tgt Ion:142 Resp: 4895
Ion Ratio Lower Upper
142 100
141 86.9 69.8 104.6
115 40.9 32.5 48.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

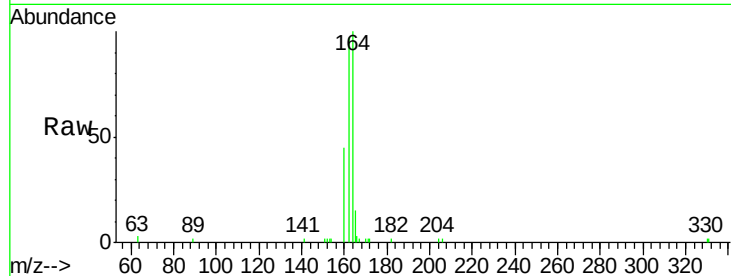
Tot Ion:164 Resp: 4274

Ion Ratio Lower Upper

164 100

162 96.6 79.8 119.6

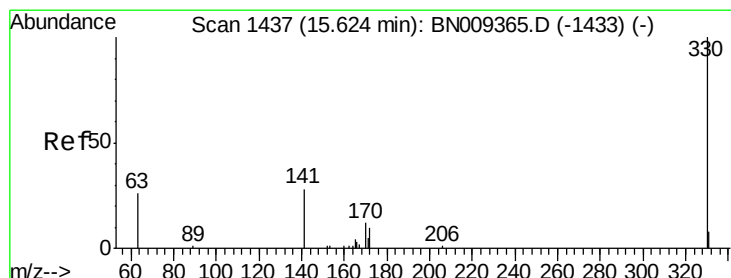
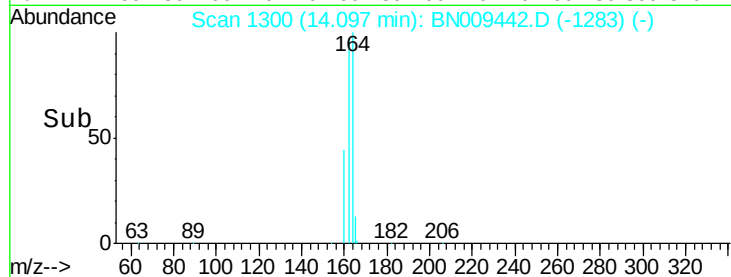
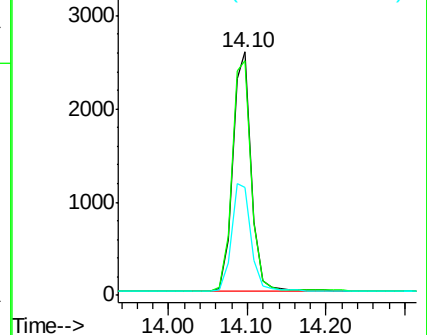
160 44.5 38.4 57.6



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: 0.364 ng

RT: 15.60 min Scan# 1435

Delta R.T. -0.02 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

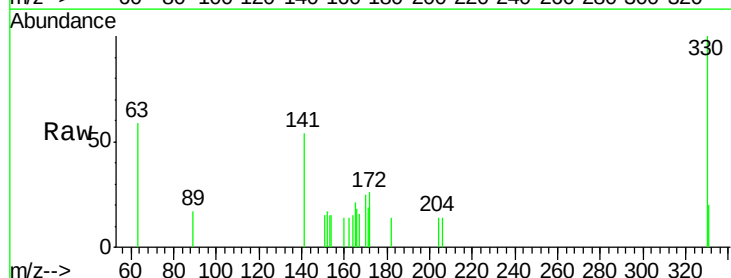
Tgt Ion:330 Resp: 588

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

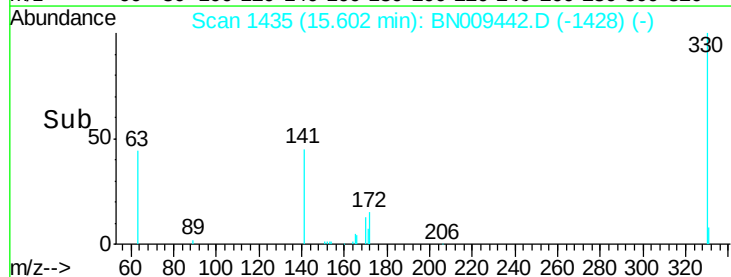
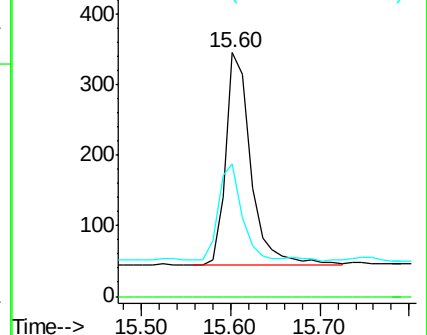
141 43.0 33.1 49.7

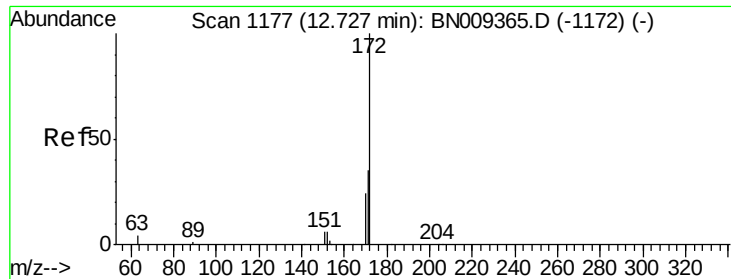


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

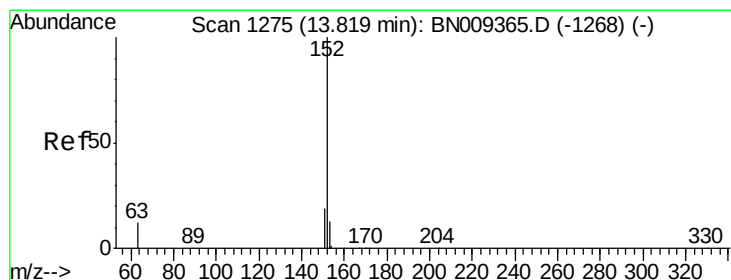
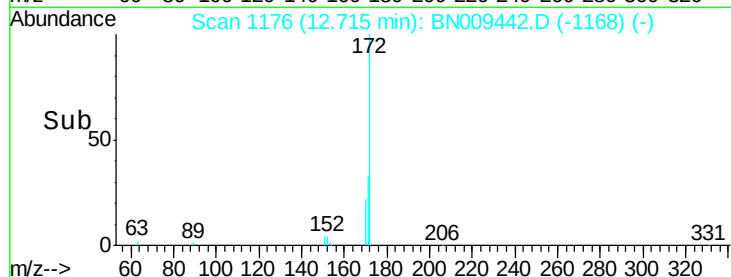
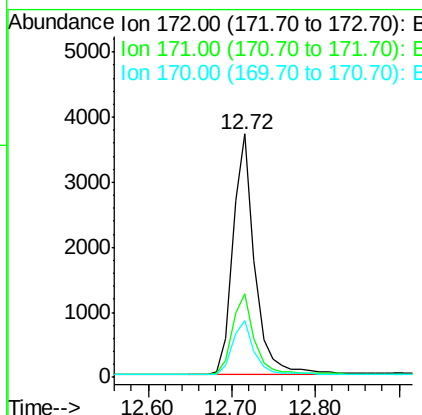
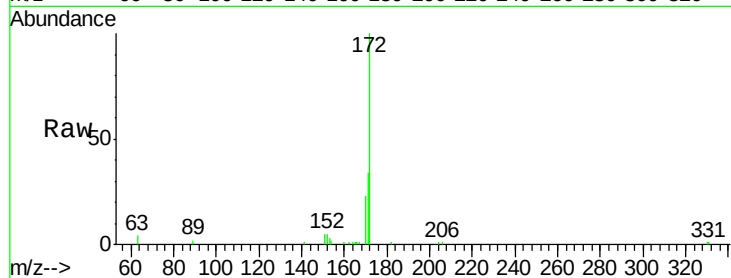




#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 12.72 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BN009442.D
Acq: 24 Jan 2020 15:02

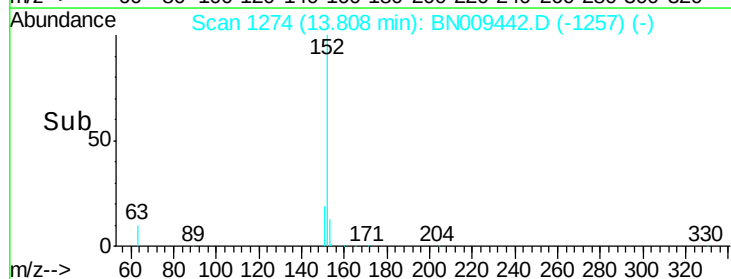
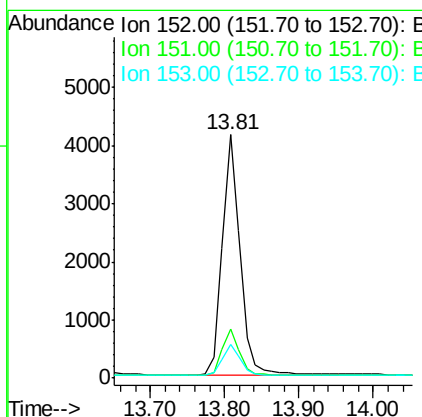
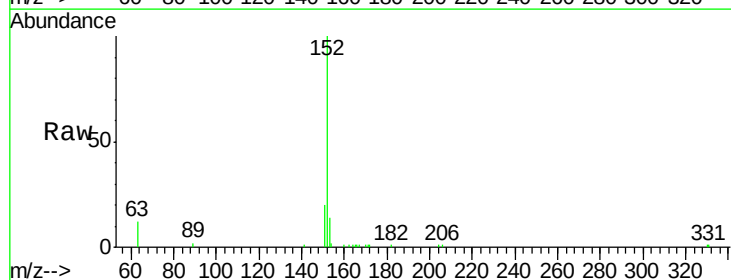
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

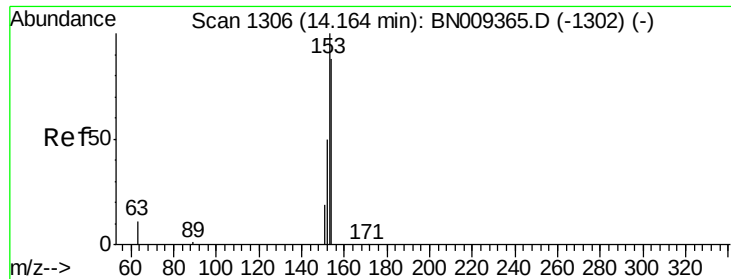
Tot Ion:172 Resp: 6639
Ion Ratio Lower Upper
172 100
171 34.3 29.5 44.3
170 23.1 20.7 31.1



#16
Acenaphthylene
Concen: 0.375 ng
RT: 13.81 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BN009442.D
Acq: 24 Jan 2020 15:02

Tgt Ion:152 Resp: 6917
Ion Ratio Lower Upper
152 100
151 18.9 15.4 23.2
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.386 ng

RT: 14.15 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

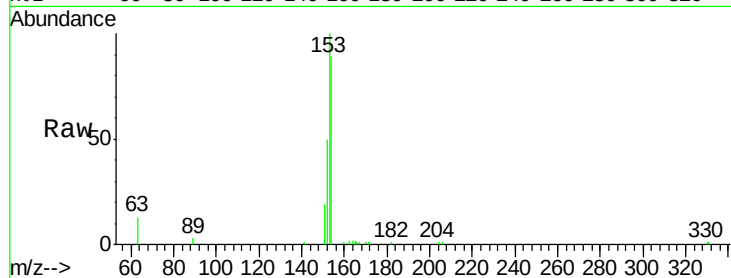
Tot Ion:154 Resp: 5010

Ion Ratio Lower Upper

154 100

153 111.5 90.5 135.7

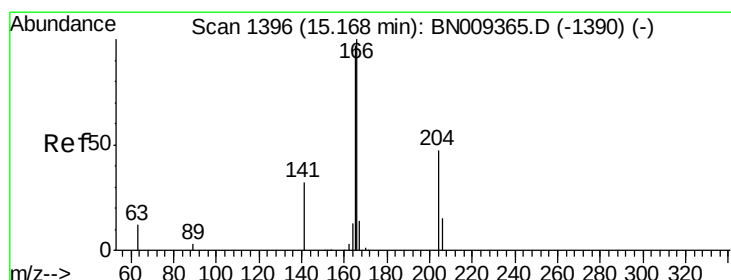
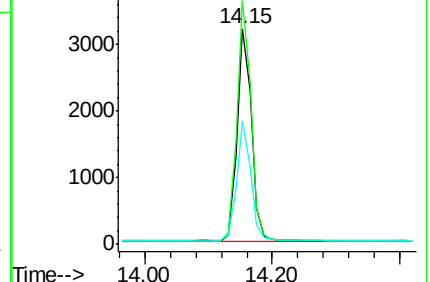
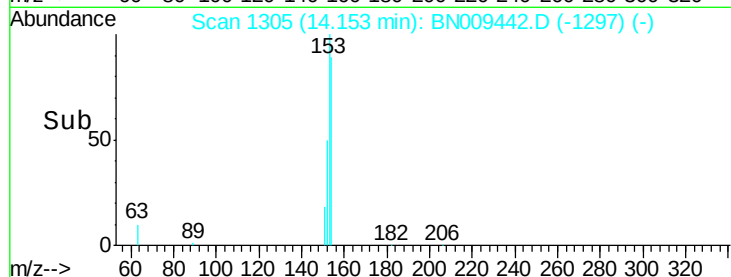
152 55.3 45.3 67.9



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: 0.377 ng

RT: 15.16 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

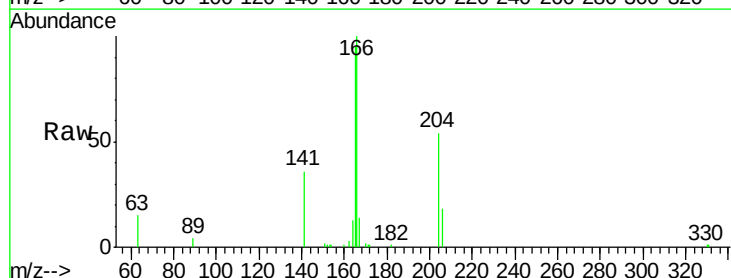
Tgt Ion:166 Resp: 6366

Ion Ratio Lower Upper

166 100

165 97.2 78.2 117.2

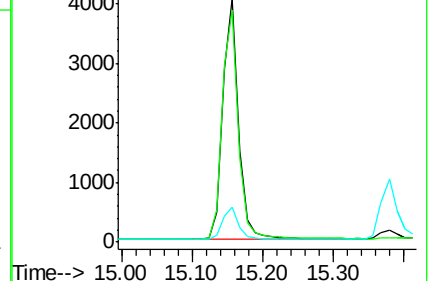
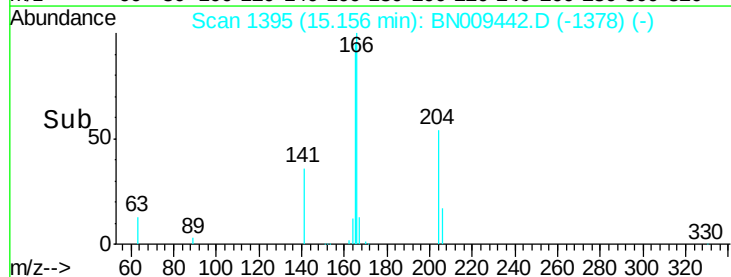
167 13.5 11.0 16.6

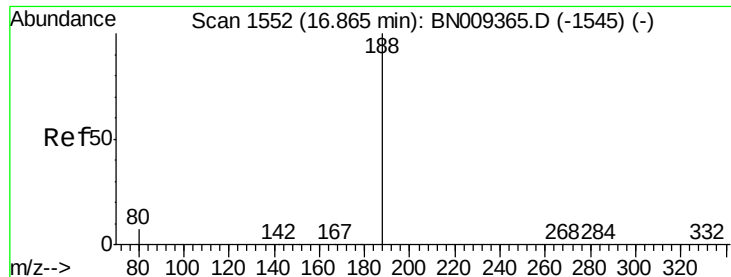


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.84 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

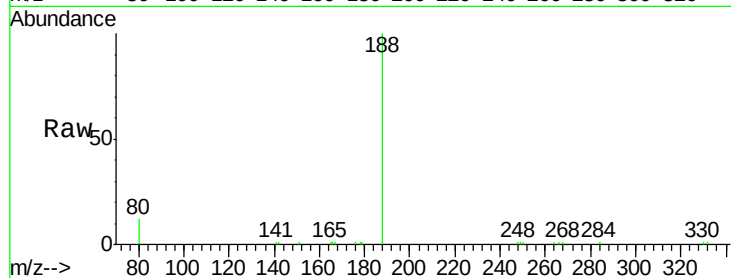
Tot Ion:188 Resp: 9048

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

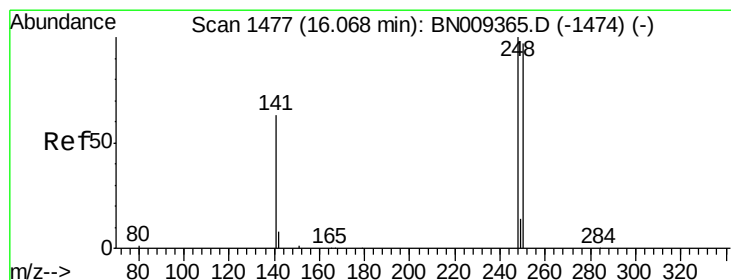
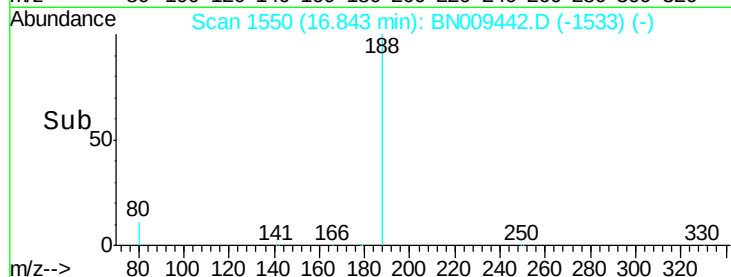
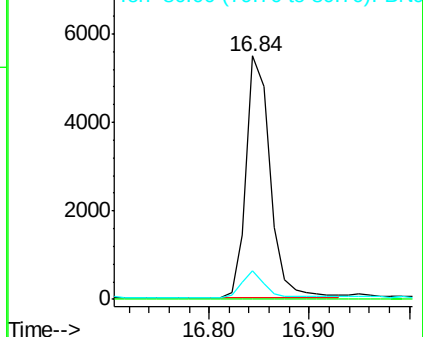
80 11.7 6.6 10.0#



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: 0.383 ng

RT: 16.06 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

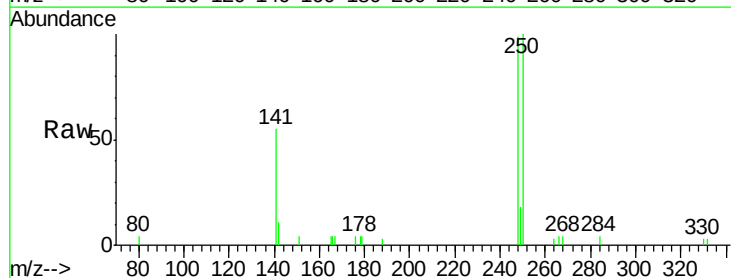
Tgt Ion:248 Resp: 2089

Ion Ratio Lower Upper

248 100

250 100.9 77.8 116.8

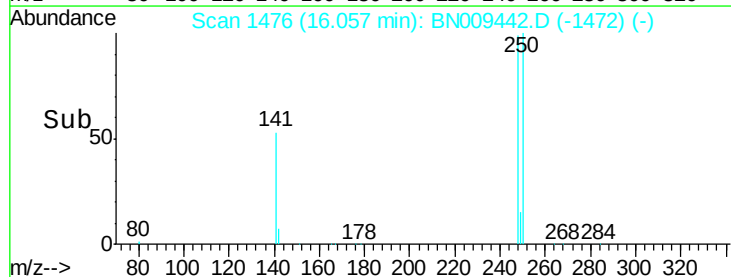
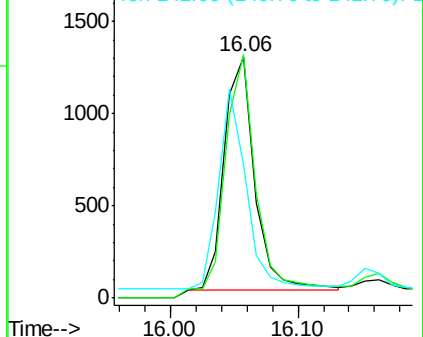
141 55.5 53.4 80.0

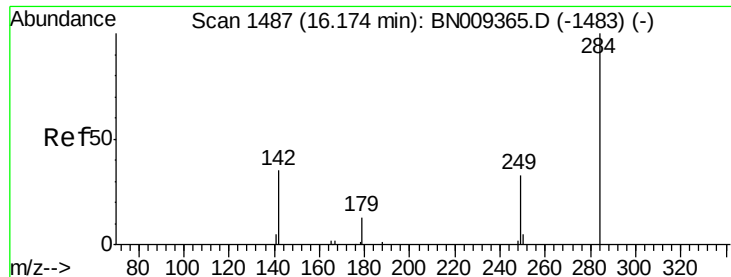


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.383 ng

RT: 16.16 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

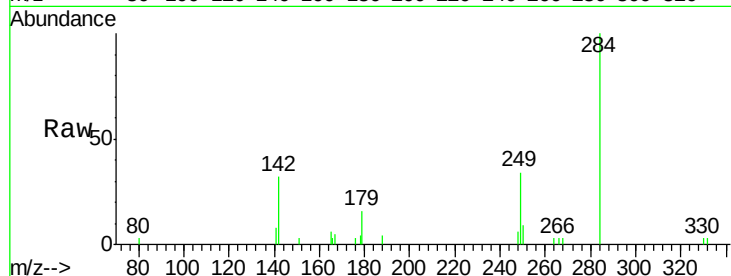
Tot Ion:284 Resp: 2219

Ion Ratio Lower Upper

284 100

142 42.9 33.8 50.8

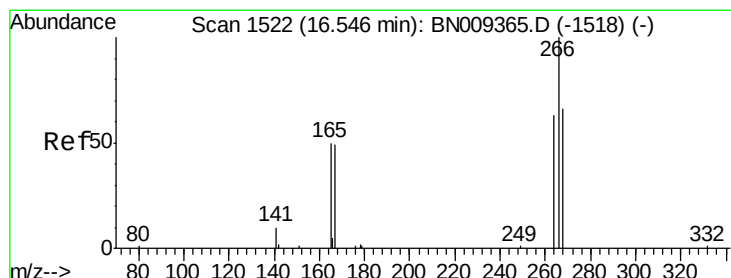
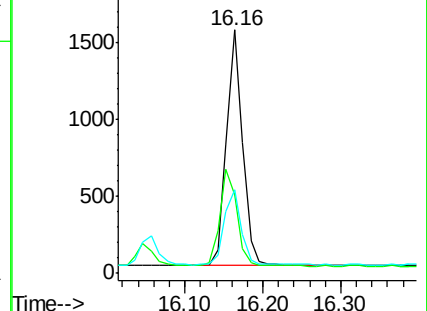
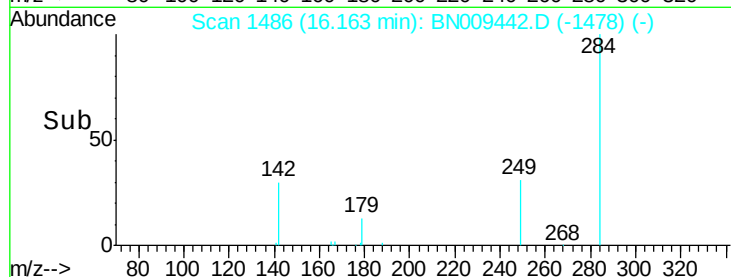
249 32.9 27.0 40.4



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: 0.413 ng

RT: 16.52 min Scan# 1520

Delta R.T. -0.02 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

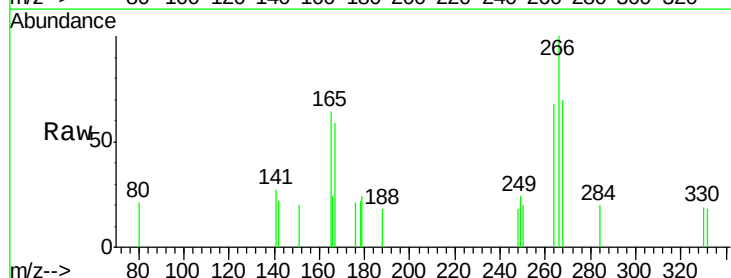
Tgt Ion:266 Resp: 546

Ion Ratio Lower Upper

266 100

264 68.0 57.8 86.6

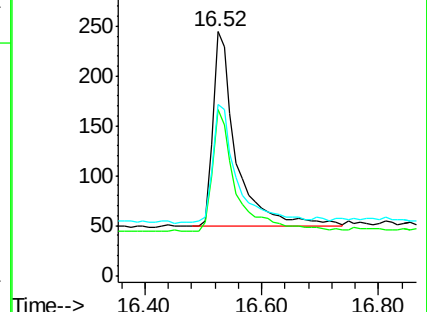
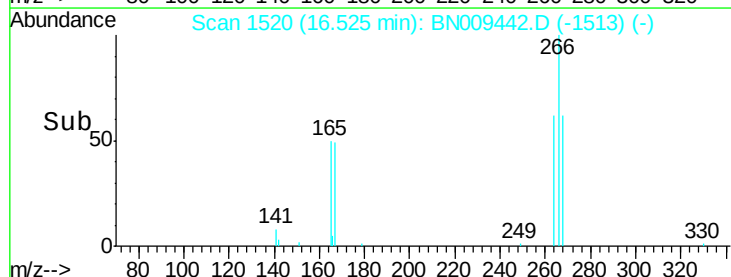
268 70.5 63.8 95.6

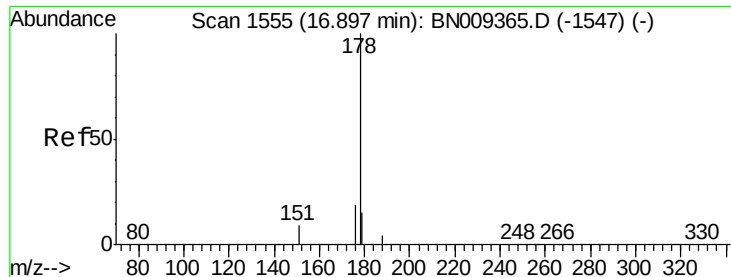


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.379 ng

RT: 16.89 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

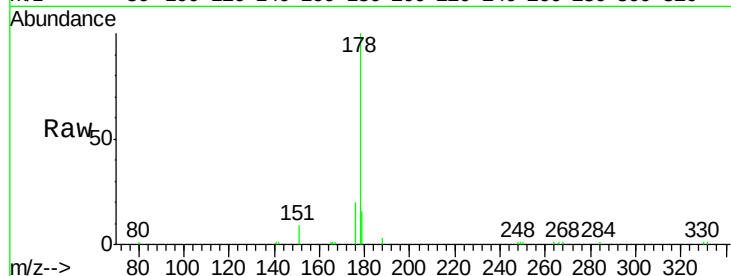
Tot Ion:178 Resp: 10294

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

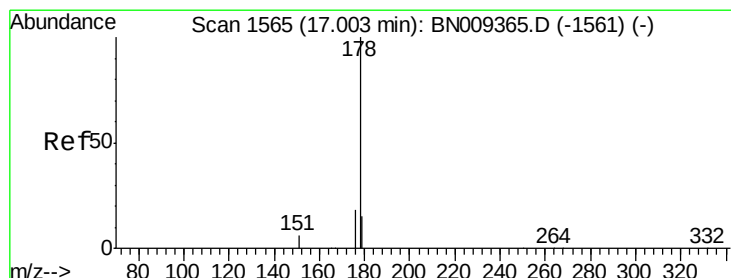
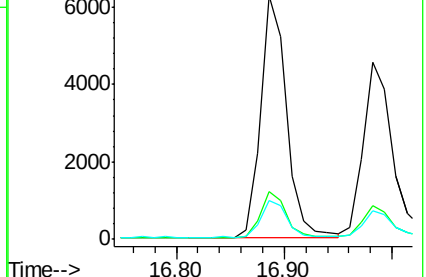
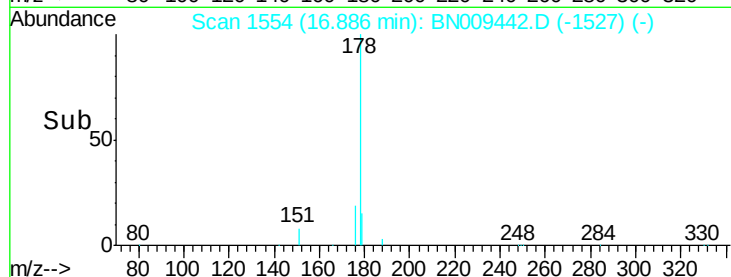
179 15.3 12.3 18.5



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: 0.376 ng

RT: 16.98 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

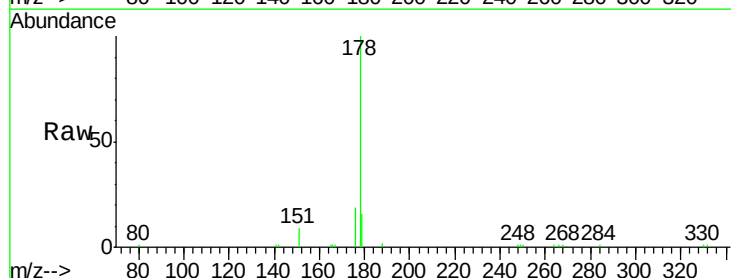
Tgt Ion:178 Resp: 8579

Ion Ratio Lower Upper

178 100

176 17.9 14.6 21.8

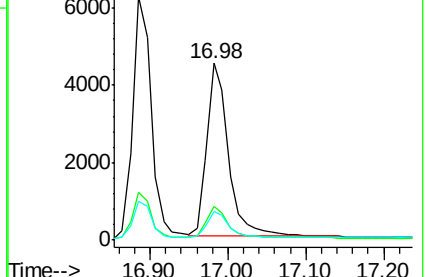
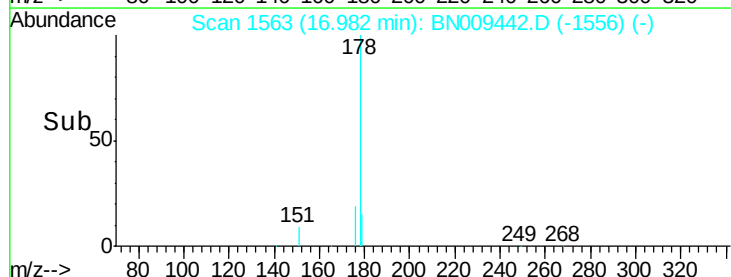
179 15.0 12.5 18.7

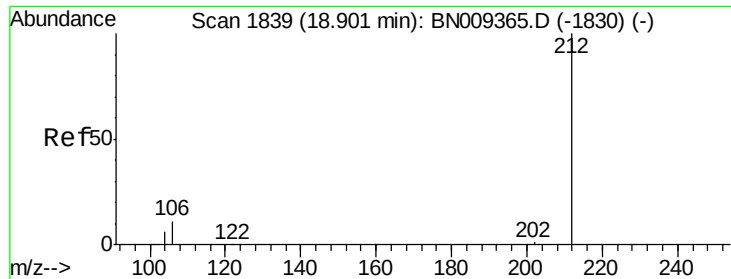


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.360 ng

RT: 18.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

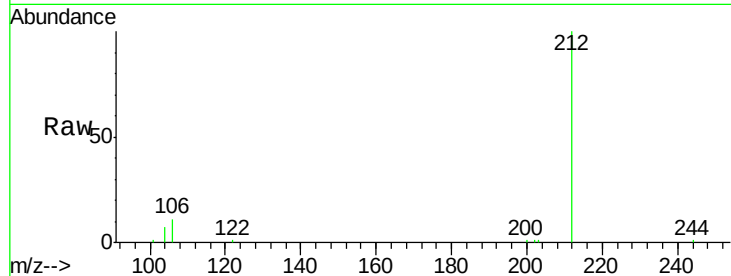
Tot Ion:212 Resp: 11159

Ion Ratio Lower Upper

212 100

106 11.7 9.2 13.8

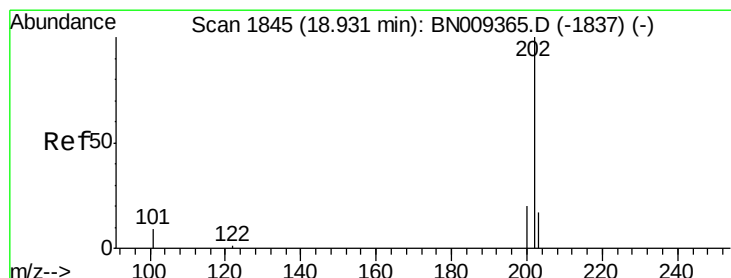
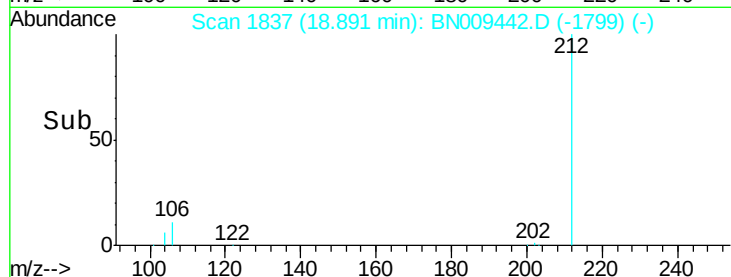
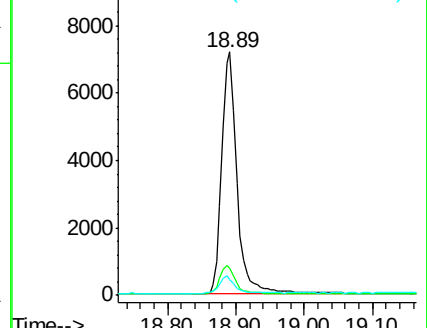
104 6.9 5.4 8.0



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: 0.365 ng

RT: 18.92 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

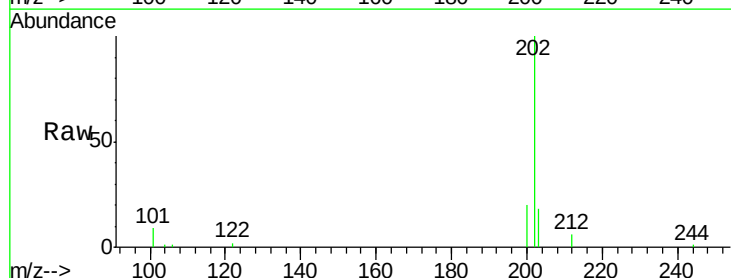
Tgt Ion:202 Resp: 11653

Ion Ratio Lower Upper

202 100

101 9.9 8.0 12.0

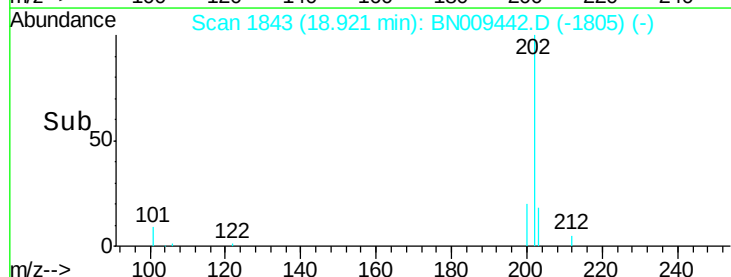
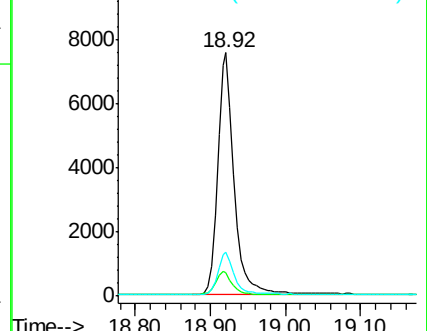
203 17.3 13.5 20.3

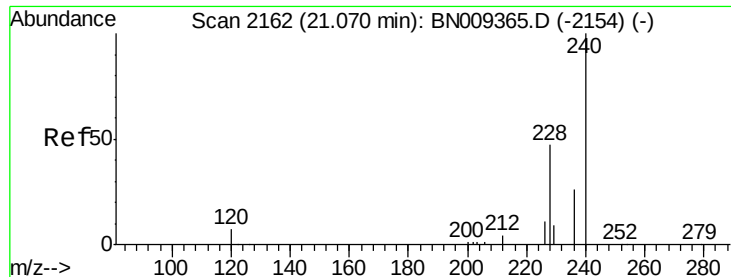


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.06 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

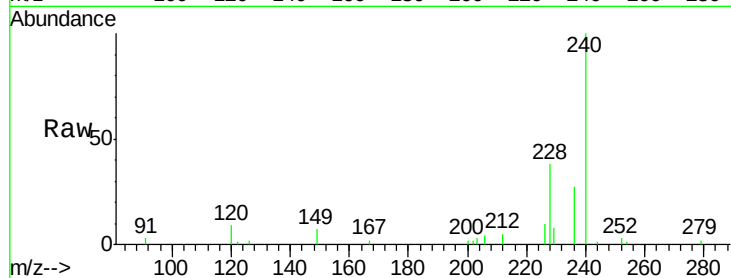
Tot Ion:240 Resp: 7798

Ion Ratio Lower Upper

240 100

120 8.7 8.1 12.1

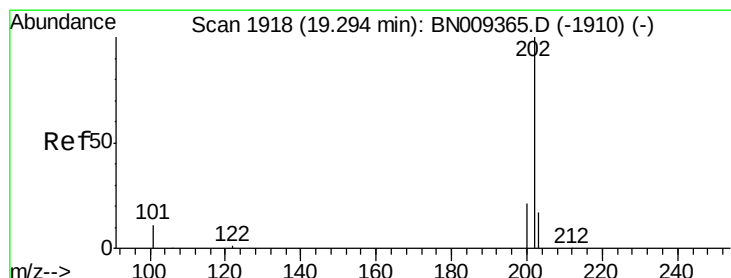
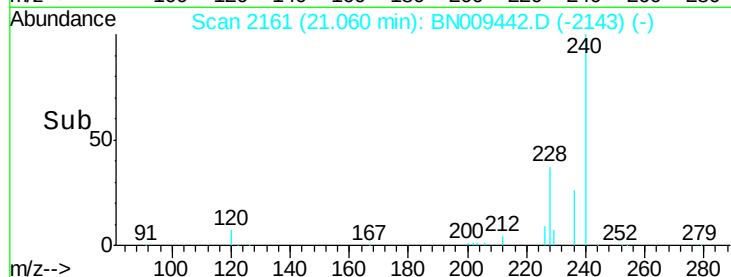
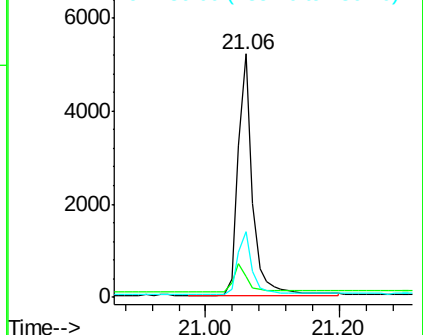
236 26.7 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.396 ng

RT: 19.28 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

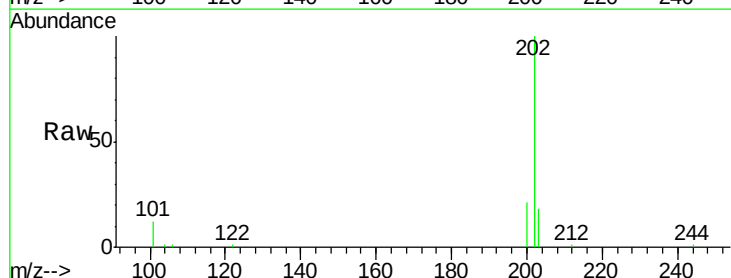
Tgt Ion:202 Resp: 11690

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

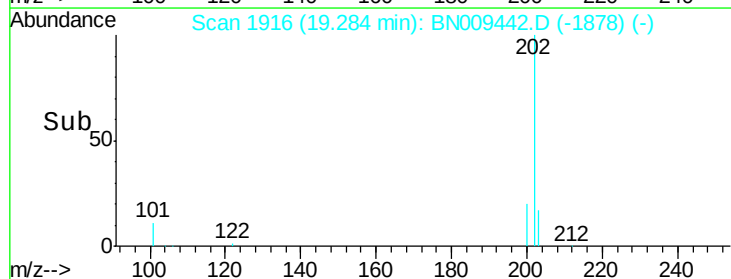
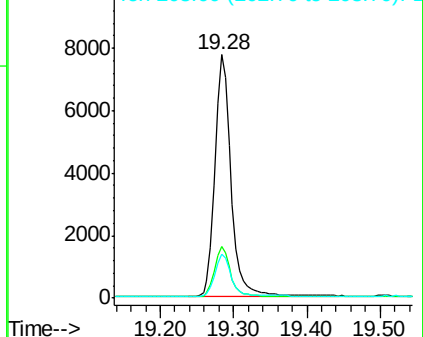
203 17.8 14.1 21.1

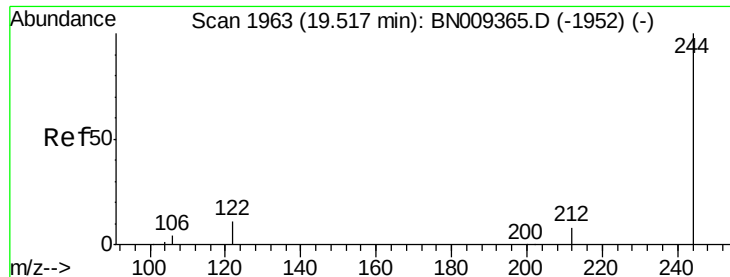


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.408 ng

RT: 19.51 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

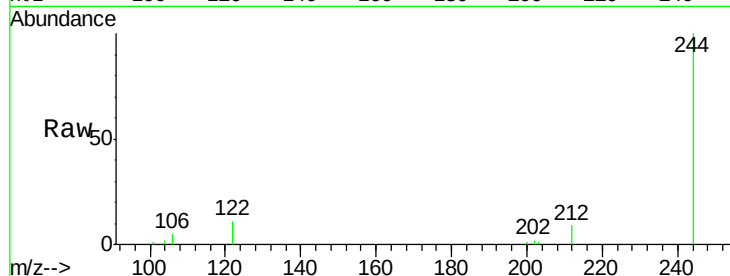
Tot Ion:244 Resp: 7536

Ion Ratio Lower Upper

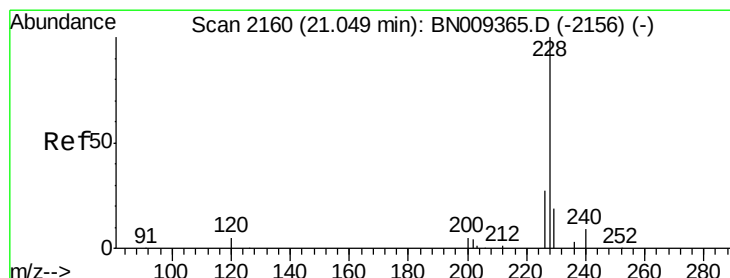
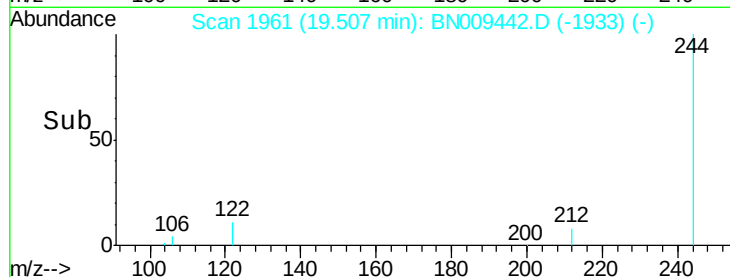
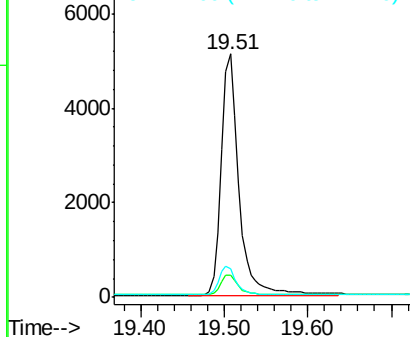
244 100

212 9.2 7.5 11.3

122 11.5 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: 0.385 ng

RT: 21.04 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

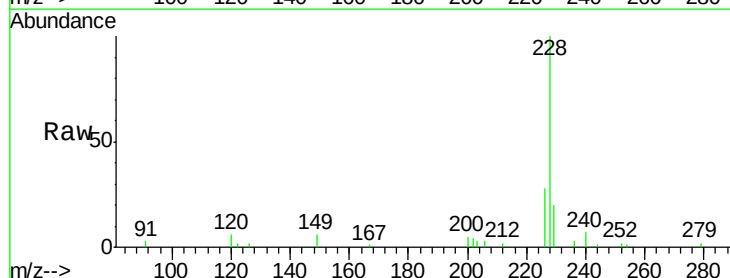
Tgt Ion:228 Resp: 9872

Ion Ratio Lower Upper

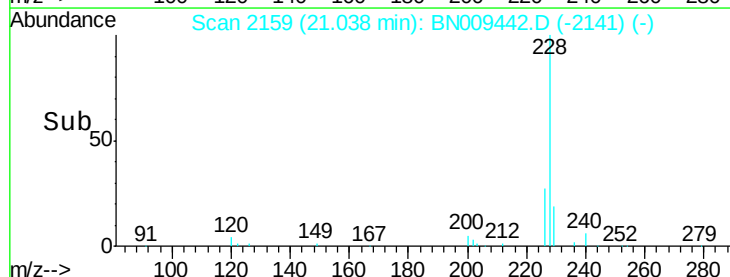
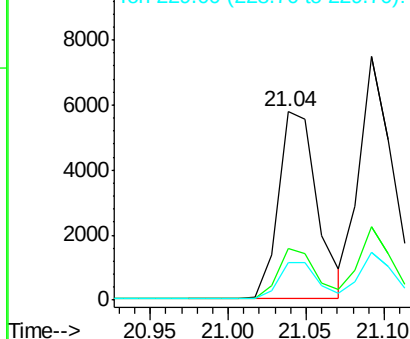
228 100

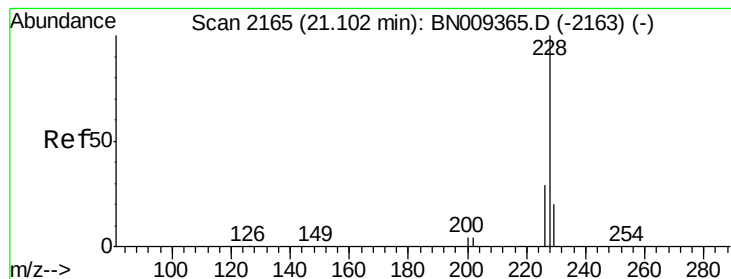
226 27.7 22.5 33.7

229 19.8 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: 0.388 ng

RT: 21.09 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

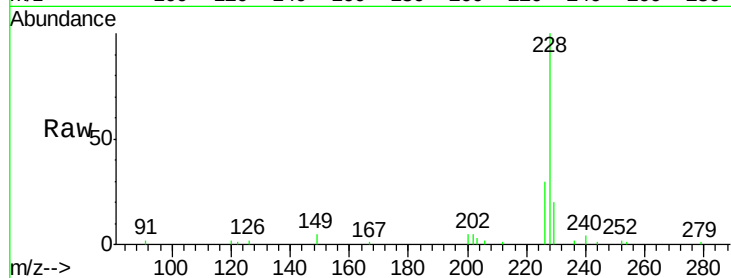
Tot Ion:228 Resp: 11381

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

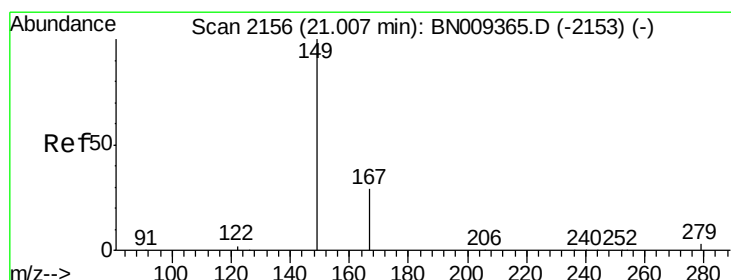
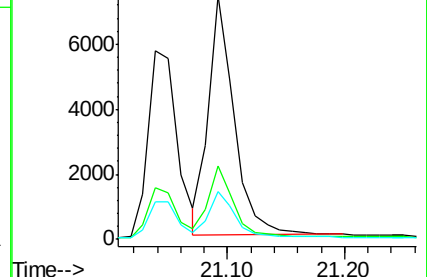
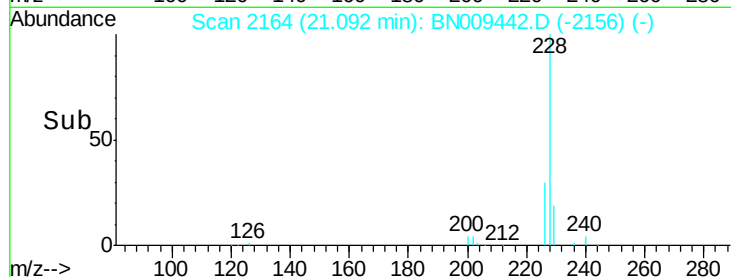
229 19.8 16.6 24.8



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: 0.404 ng

RT: 21.00 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

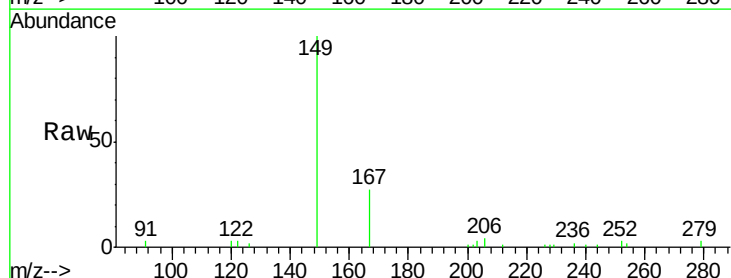
Tgt Ion:149 Resp: 4581

Ion Ratio Lower Upper

149 100

167 27.6 22.9 34.3

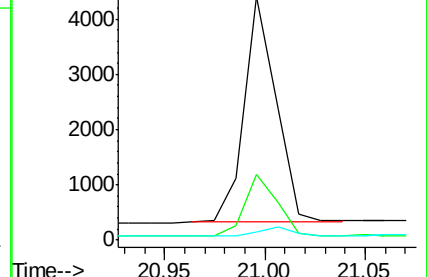
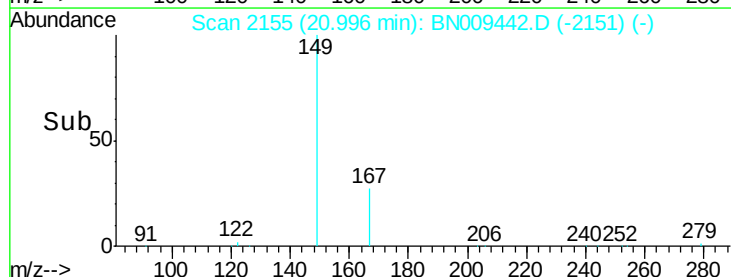
279 4.0 3.4 5.0

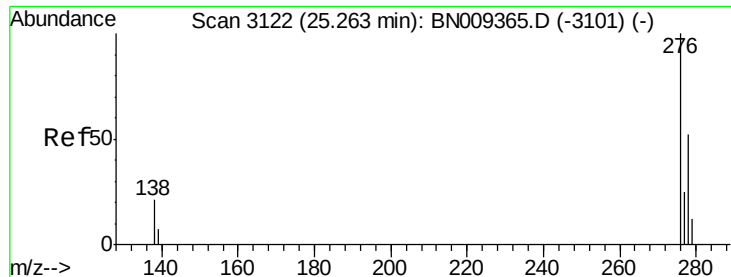


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.414 ng

RT: 25.25 min Scan# 3117

Delta R.T. -0.02 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

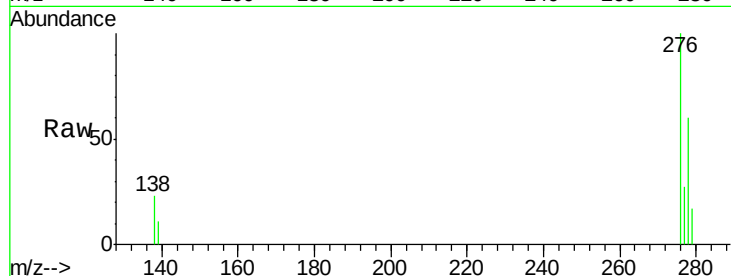
Tot Ion:276 Resp: 12624

Ion Ratio Lower Upper

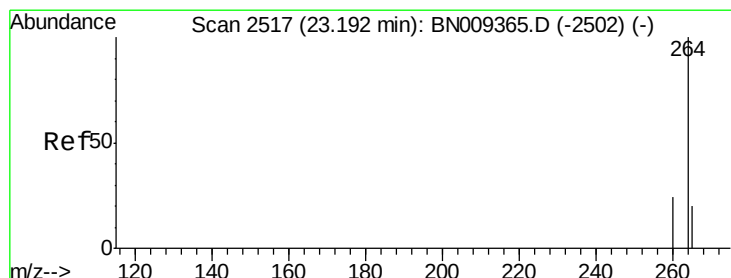
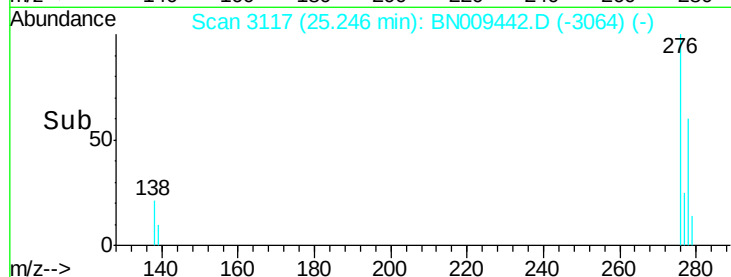
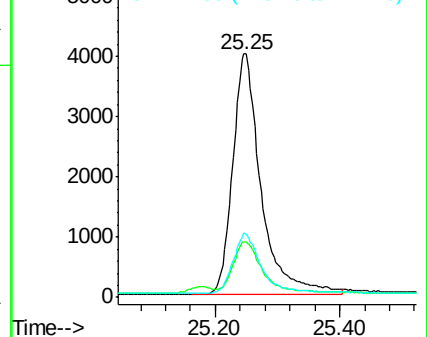
276 100

138 21.2 15.9 23.9

277 24.7 19.8 29.6



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.18 min Scan# 2513

Delta R.T. -0.01 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

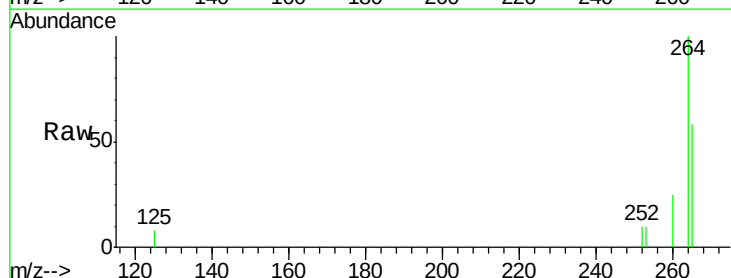
Tgt Ion:264 Resp: 8101

Ion Ratio Lower Upper

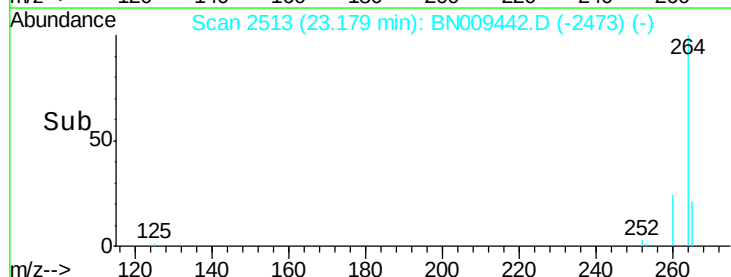
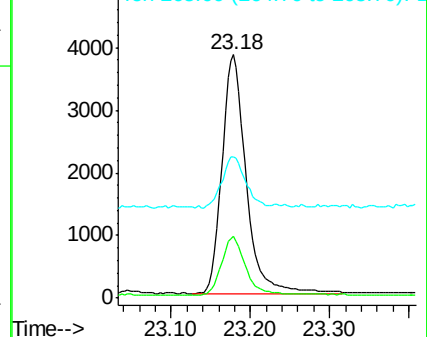
264 100

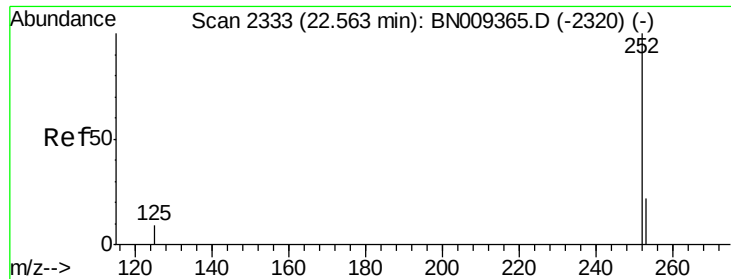
260 25.2 20.1 30.1

265 57.9 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: 0.354 ng

RT: 22.55 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

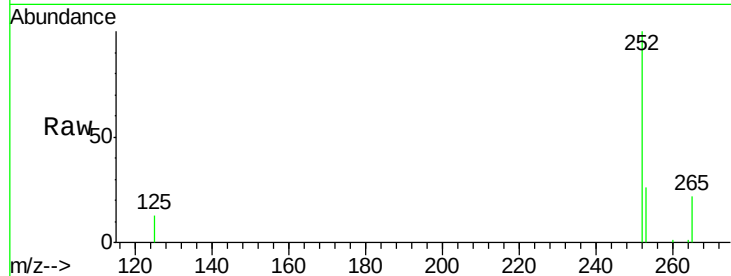
Tot Ion:252 Resp: 10540

Ion Ratio Lower Upper

252 100

253 25.9 22.4 33.6

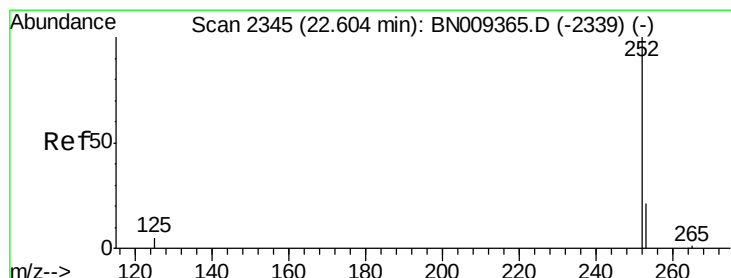
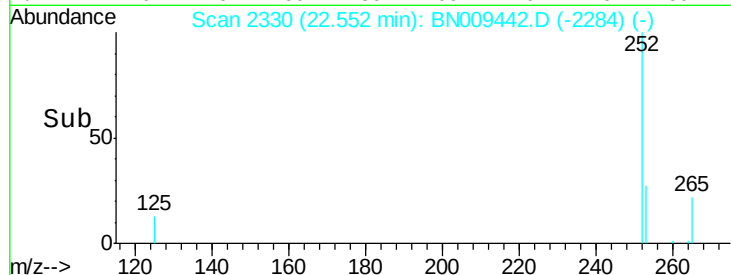
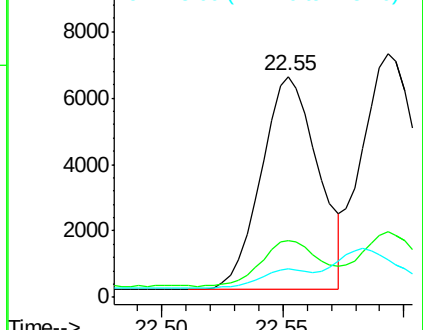
125 12.8 11.6 17.4



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: 0.390 ng

RT: 22.59 min Scan# 2342

Delta R.T. -0.01 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

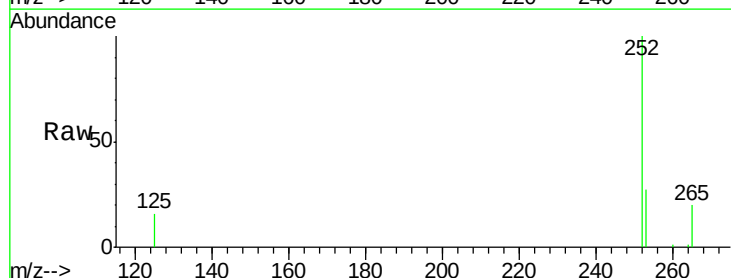
Tgt Ion:252 Resp: 12811

Ion Ratio Lower Upper

252 100

253 26.8 21.9 32.9

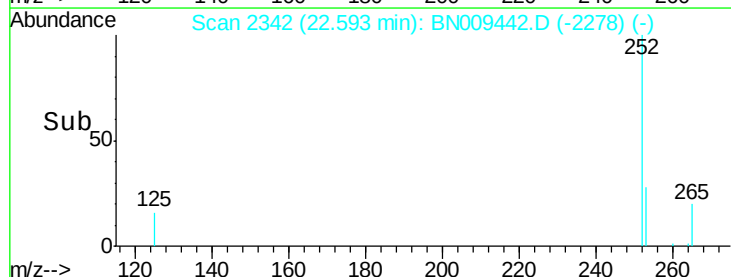
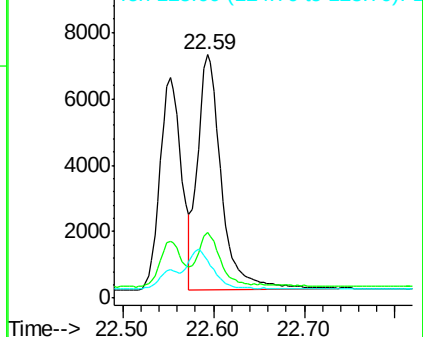
125 15.6 12.0 18.0

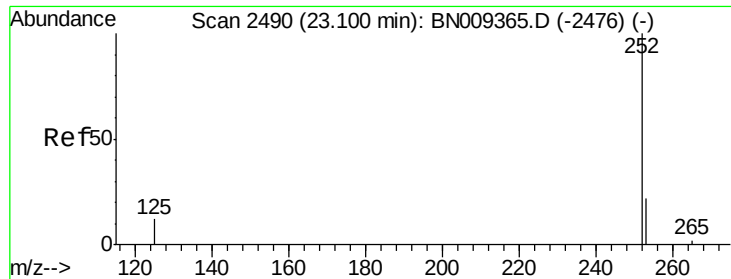


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.385 ng

RT: 23.09 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

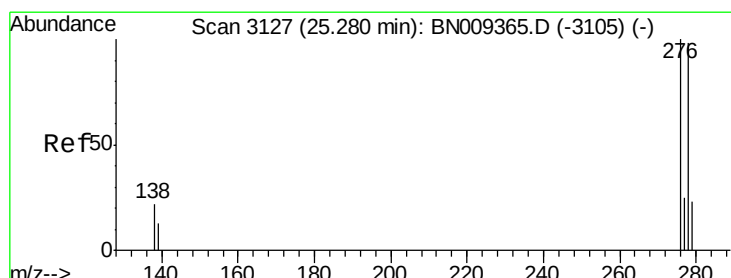
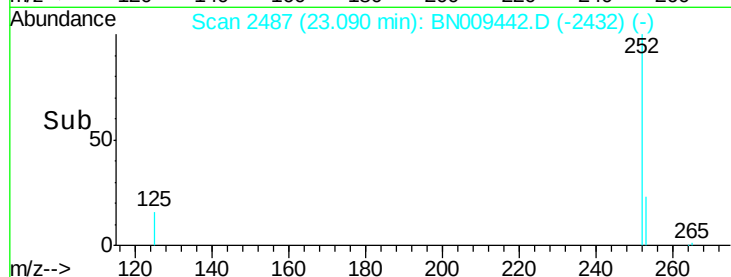
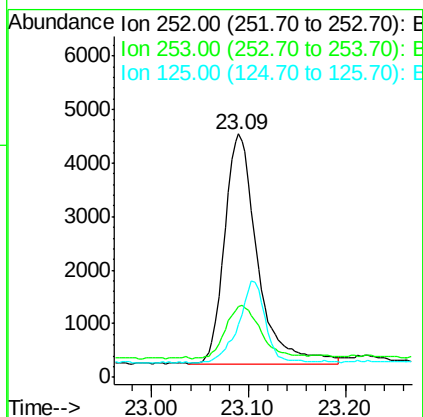
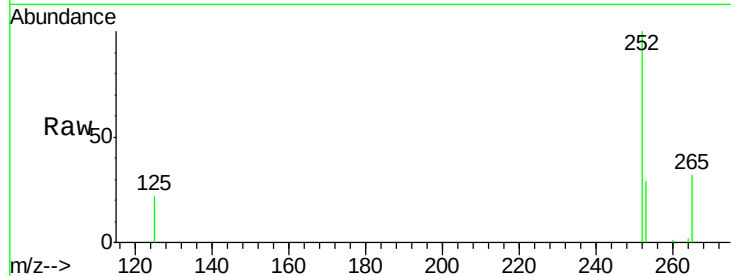
Tot Ion:252 Resp: 10107

Ion Ratio Lower Upper

252 100

253 29.2 25.4 38.0

125 21.5 16.2 24.2



#38

Dibenzo(a,h)anthracene

Concen: 0.381 ng

RT: 25.26 min Scan# 3121

Delta R.T. -0.02 min

Lab File: BN009442.D

Acq: 24 Jan 2020 15:02

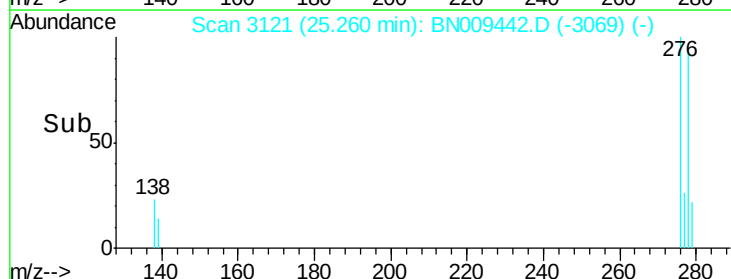
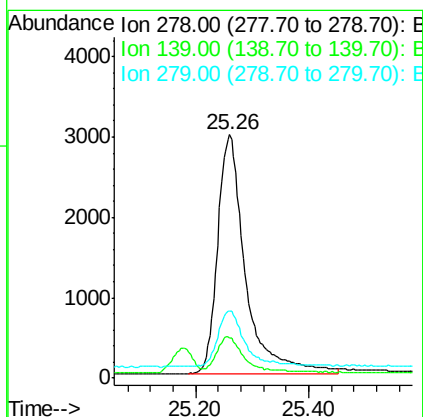
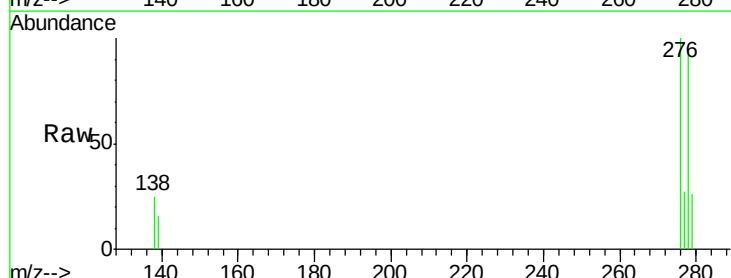
Tgt Ion:278 Resp: 10057

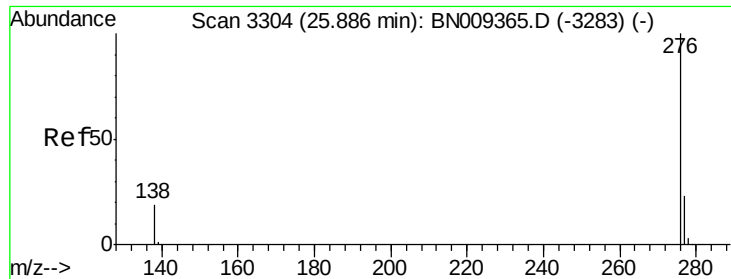
Ion Ratio Lower Upper

278 100

139 16.5 14.5 21.7

279 27.6 24.2 36.4





#39

Benzo(a,h,i)perylene

Concen: 0.376 ng

RT: 25.87 min Scan# 3299

Delta R.T. -0.02 min

Lab File: BN009442.D

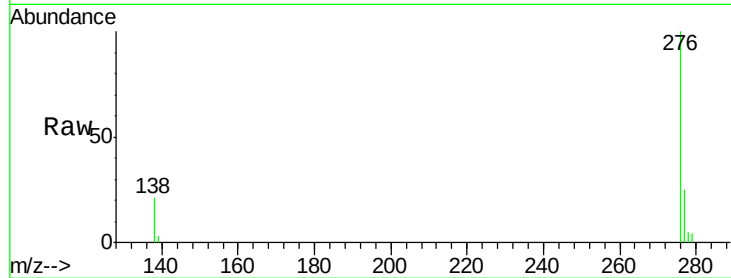
Acq: 24 Jan 2020 15:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



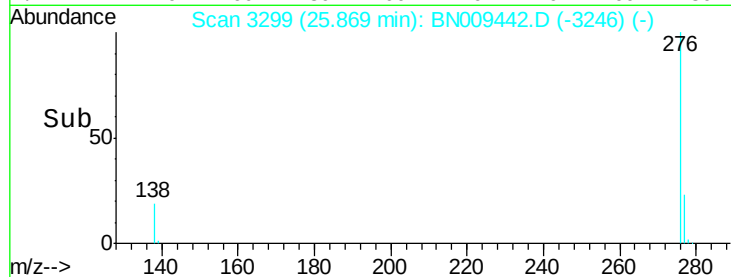
Tot Ion: 276 Resp: 10920

Ion Ratio Lower Upper

276 100

277 24.8 20.6 30.8

138 20.7 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

