

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070819\
 Data File : BN006748.D
 Acq On : 08 Jul 2019 09:10
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 09 03:08:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2780	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	11325	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	6767	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	15873	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	15221	0.40	ng	-0.01
34) Perylene-d12	23.48	264	17509	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.23	112	2731	0.36	ng	0.00
5) Phenol-d6	6.81	99	3654	0.38	ng	-0.02
8) Nitrobenzene-d5	8.78	82	3267	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	7602	0.45	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	1382	0.42	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	10886	0.41	ng	-0.02
25) Fluoranthene-d10	19.06	212	20443	0.45	ng	-0.01
29) Terphenyl-d14	19.66	244	14991	0.43	ng	-0.01

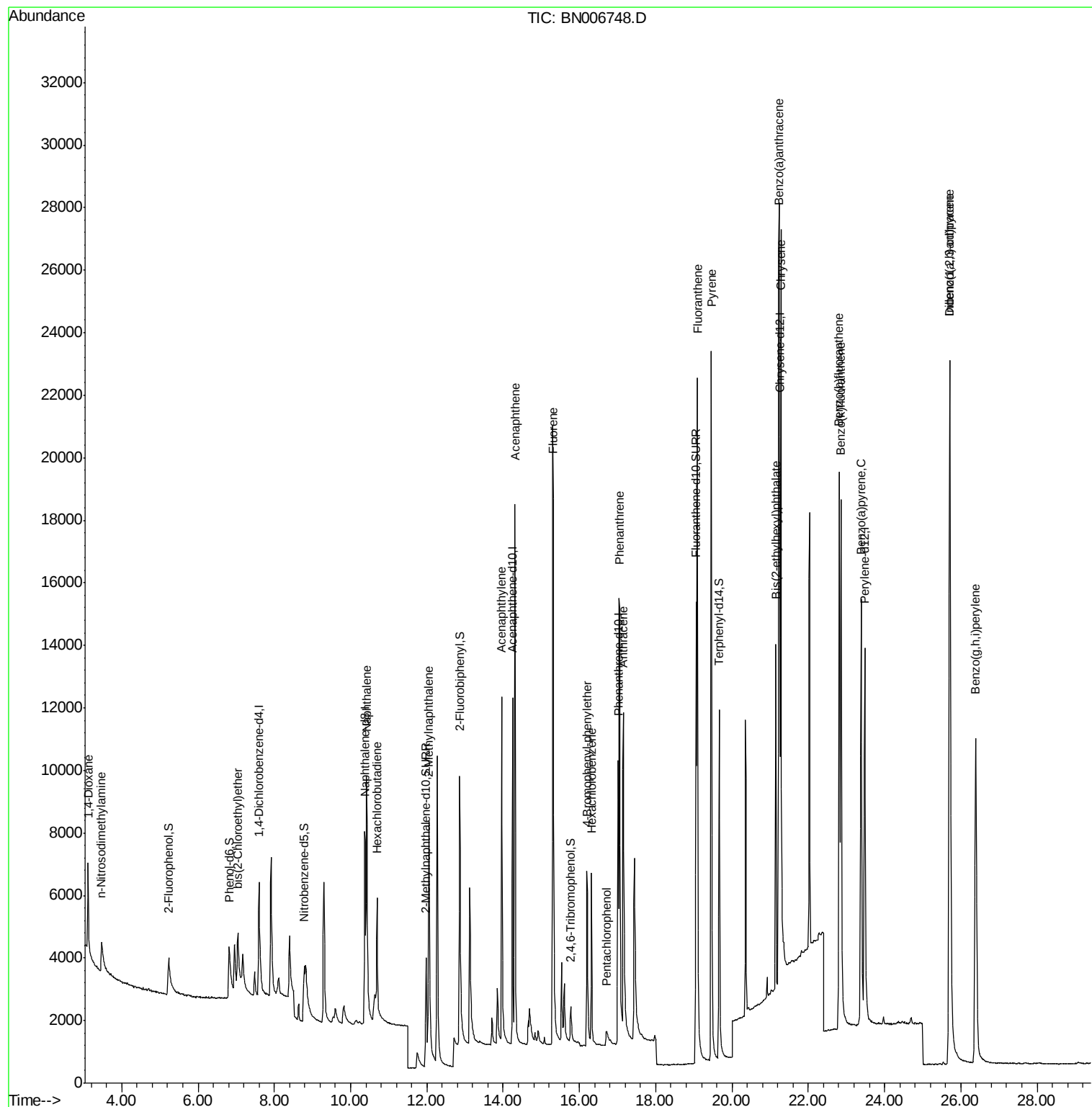
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	1905	0.438	ng	97
3) n-Nitrosodimethylamine	3.47	42	1322	0.403	ng	# 87
6) bis(2-Chloroethyl)ether	7.04	93	3702	0.458	ng	# 84
9) Naphthalene	10.42	128	13428	0.433	ng	99
10) Hexachlorobutadiene	10.69	225	2830	0.451	ng	# 99
12) 2-Methylnaphthalene	12.05	142	8739	0.401	ng	99
16) Acenaphthylene	13.96	152	13798	0.409	ng	99
17) Acenaphthene	14.31	154	9527	0.443	ng	99
18) Fluorene	15.31	166	11753	0.440	ng	100
20) 4-Bromophenyl-phenylether	16.20	248	3867	0.413	ng	# 90
21) Hexachlorobenzene	16.32	284	5033	0.452	ng	99
22) Pentachlorophenol	16.72	266	758	0.598	ng	97
23) Phenanthrene	17.06	178	18921	0.414	ng	100
24) Anthracene	17.15	178	16129	0.390	ng	100
26) Fluoranthene	19.09	202	23556	0.438	ng	100
28) Pyrene	19.46	202	24338	0.400	ng	100
30) Benzo(a)anthracene	21.23	228	21047	0.401	ng	99
31) Chrysene	21.28	228	23602	0.436	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	10405	0.066	ng	100
33) Indeno(1,2,3-cd)pyrene	25.71	276	29182	0.451	ng	97
35) Benzo(b)fluoranthene	22.81	252	23478	0.418	ng	# 95
36) Benzo(k)fluoranthene	22.86	252	26430	0.434	ng	# 96
37) Benzo(a)pyrene	23.38	252	22962	0.422	ng	# 94
38) Dibenzo(a,h)anthracene	25.71	278	22662	0.419	ng	96
39) Benzo(g,h,i)perylene	26.39	276	24611	0.442	ng	95

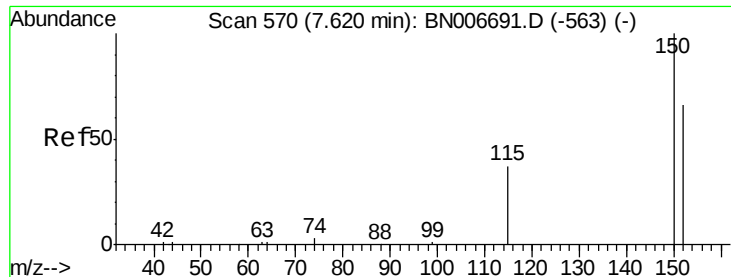
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070819\
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.60 min Scan# 567

Delta R.T. -0.02 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

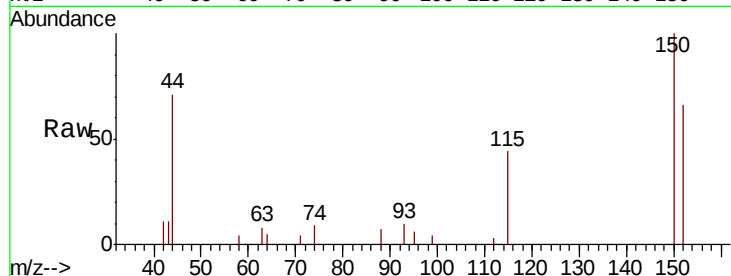
Tgt Ion:152 Resp: 2780

Ion Ratio Lower Upper

152 100

150 151.3 120.6 181.0

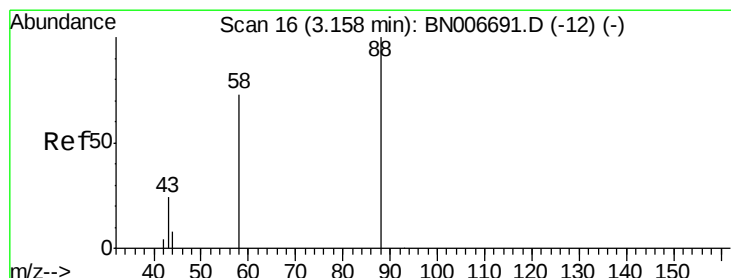
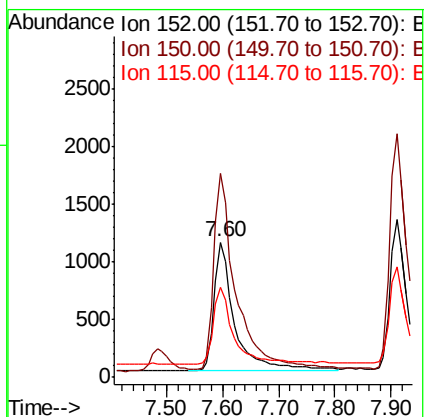
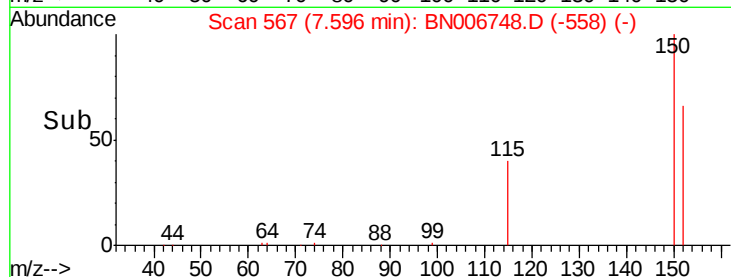
115 67.0 51.0 76.6



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: 0.438 ng

RT: 3.12 min Scan# 11

Delta R.T. -0.04 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

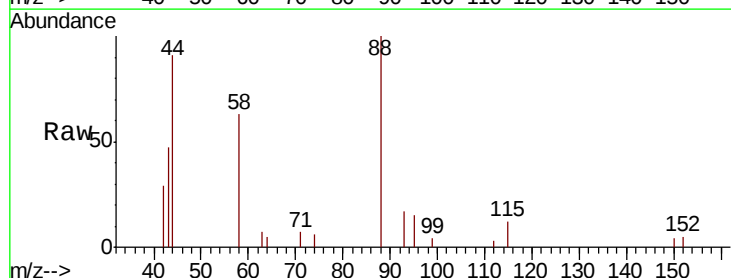
Tgt Ion: 88 Resp: 1905

Ion Ratio Lower Upper

88 100

58 80.2 61.1 91.7

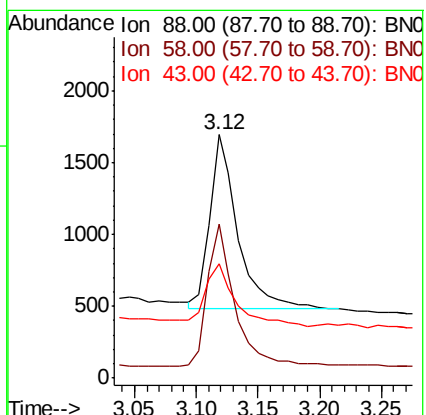
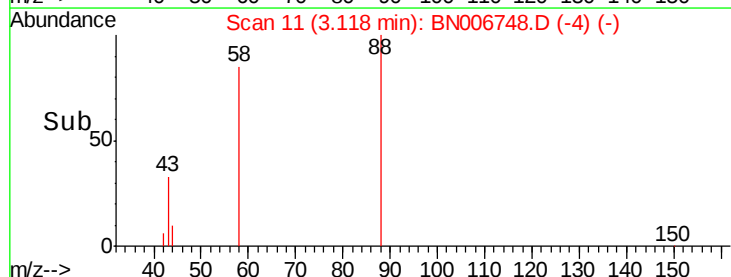
43 39.6 32.4 48.6



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: 0.403 ng

RT: 3.47 min Scan# 55

Delta R.T. -0.02 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

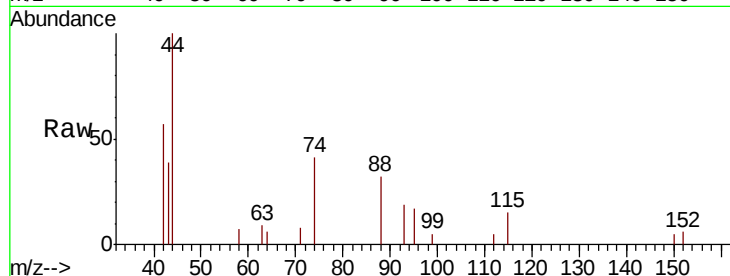
Tgt Ion: 42 Resp: 1322

Ion Ratio Lower Upper

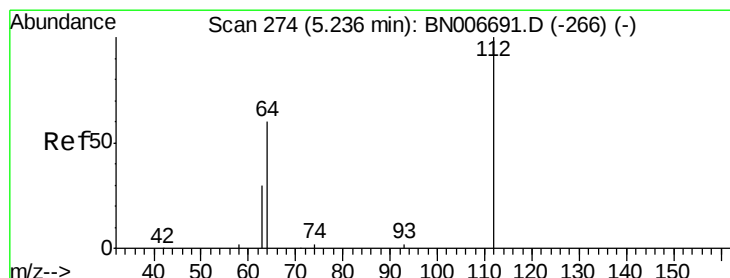
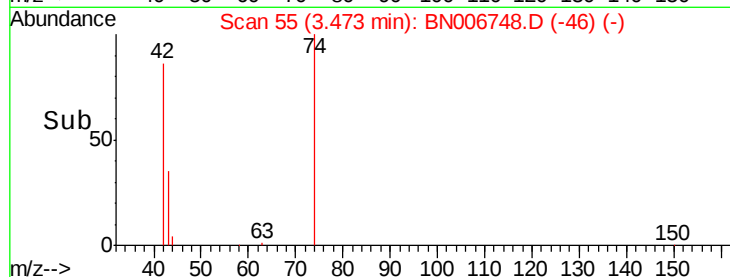
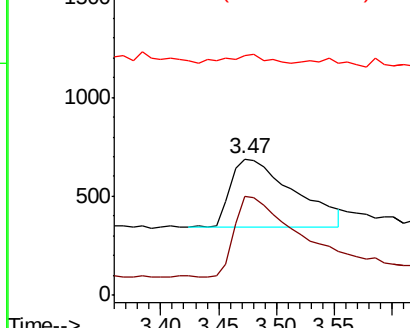
42 100

74 117.9 106.6 160.0

44 6.6 8.0 12.0#



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



#4

2-Fluorophenol

Concen: 0.362 ng

RT: 5.23 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

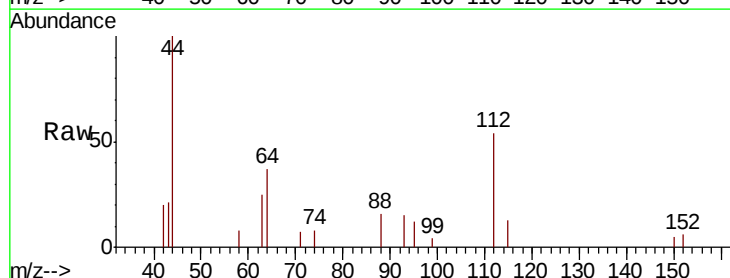
Tgt Ion: 112 Resp: 2731

Ion Ratio Lower Upper

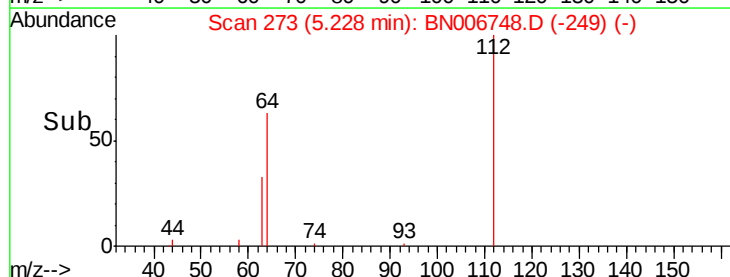
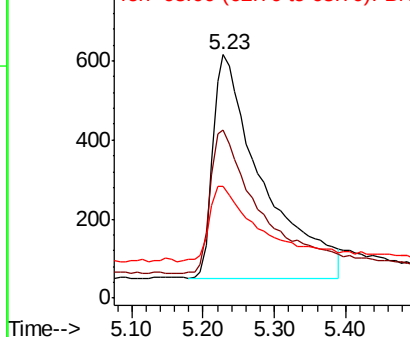
112 100

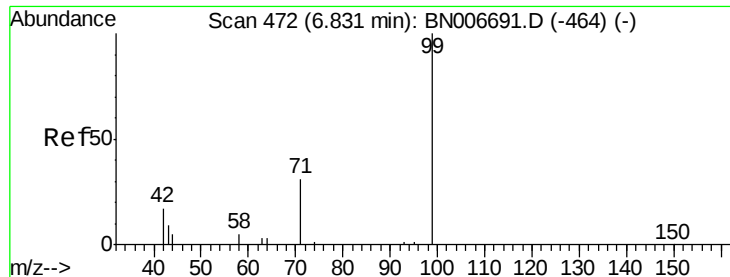
64 65.1 49.8 74.6

63 35.1 25.8 38.6



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





#5

Phenol-d6

Concen: 0.382 ng

RT: 6.81 min Scan# 470

Delta R.T. -0.02 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

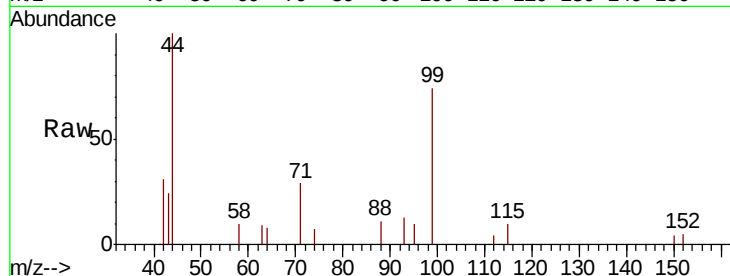
Tgt Ion: 99 Resp: 3654

Ion Ratio Lower Upper

99 100

42 22.7 16.6 25.0

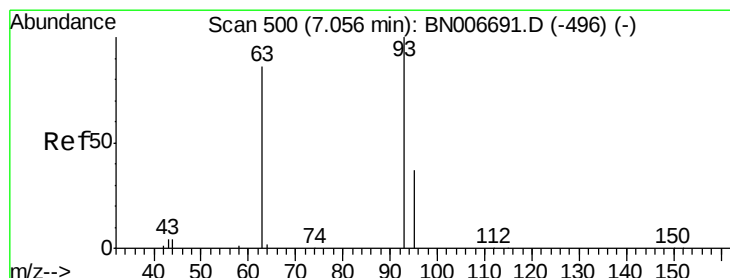
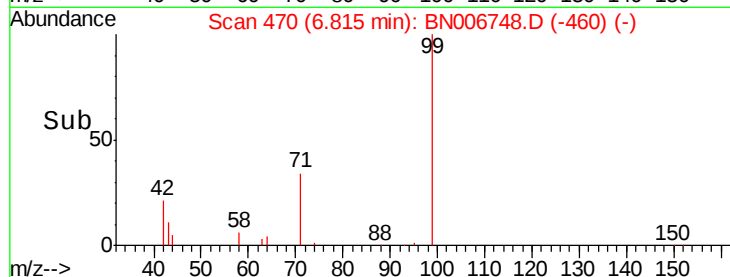
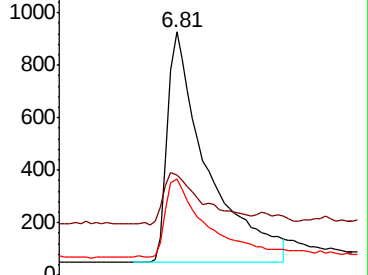
71 33.8 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006691.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006691.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006691.D (-464) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.458 ng

RT: 7.04 min Scan# 498

Delta R.T. -0.02 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

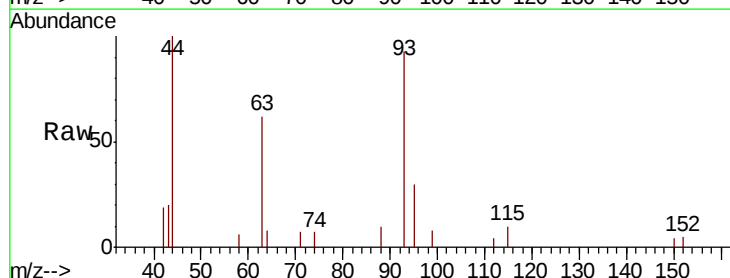
Tgt Ion: 93 Resp: 3702

Ion Ratio Lower Upper

93 100

63 59.9 58.6 87.8

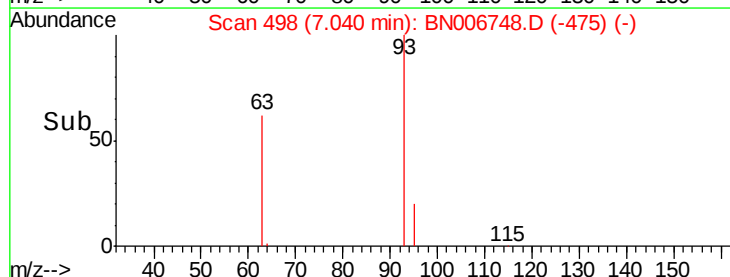
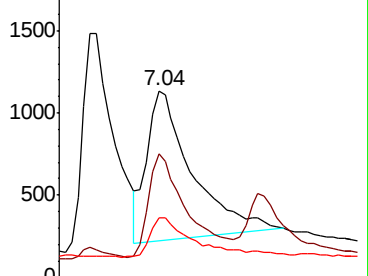
95 26.1 28.3 42.5#



Abundance Ion 93.00 (92.70 to 93.70): BN006691.D (-496) (-)

Ion 63.00 (62.70 to 63.70): BN006691.D (-496) (-)

Ion 95.00 (94.70 to 95.70): BN006691.D (-496) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 828

Delta R.T. -0.01 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

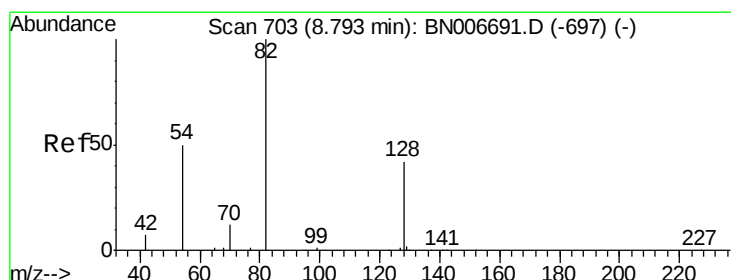
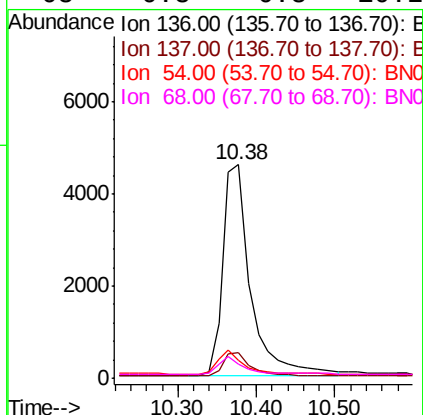
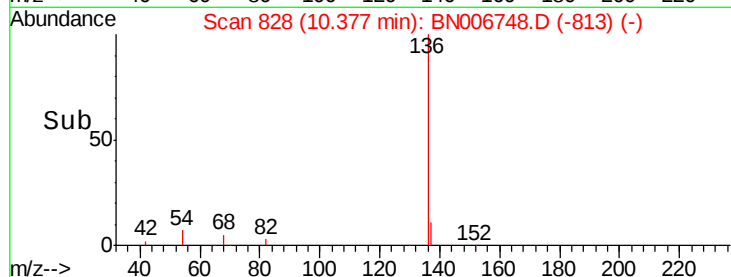
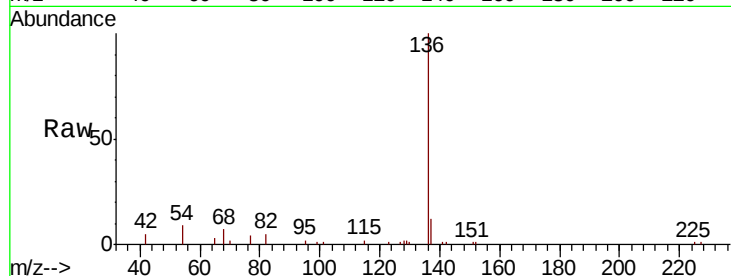
Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	136	Resp:	11325
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.3	13.9
54	8.6	8.4	12.6
68	6.8	6.8	10.2#



#8

Nitrobenzene-d5

Concen: 0.376 ng

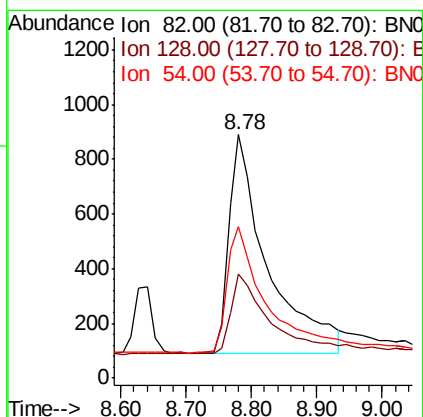
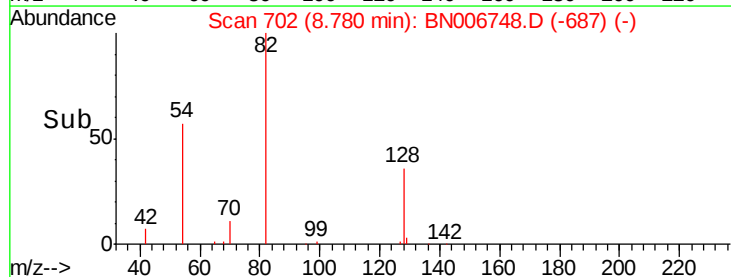
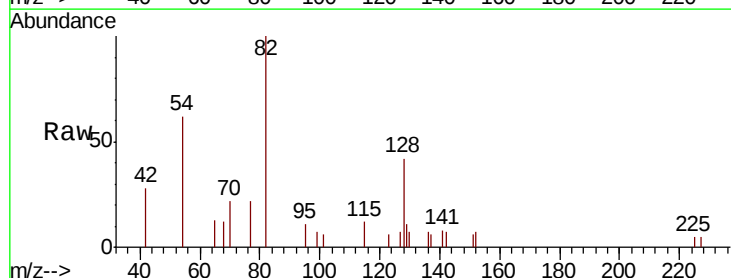
RT: 8.78 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

Tgt Ion:	82	Resp:	3267
Ion Ratio	Lower	Upper	
82	100		
128	42.5	36.1	54.1
54	62.0	44.5	66.7





#9

Naphthalene

Concen: 0.433 ng

RT: 10.42 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

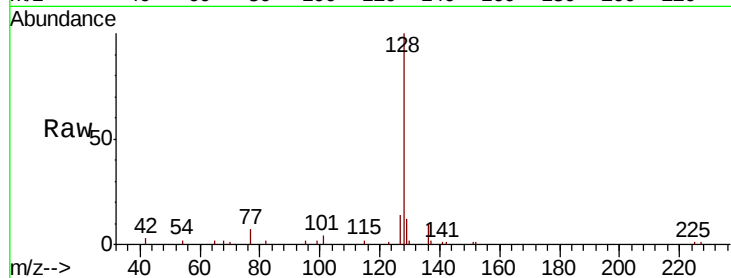
Tgt Ion:128 Resp: 13428

Ion Ratio Lower Upper

128 100

129 12.3 9.6 14.4

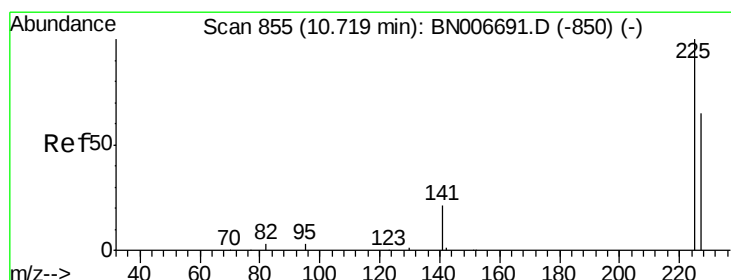
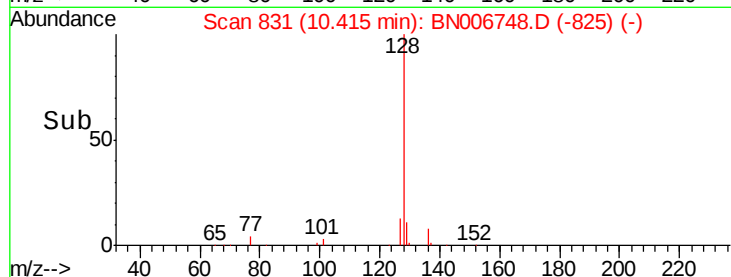
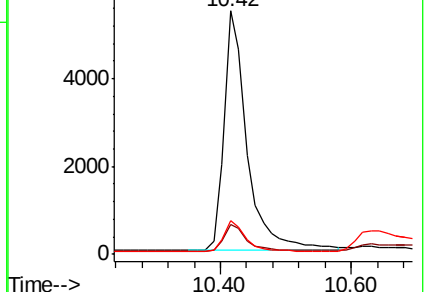
127 13.9 11.0 16.4



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: 0.451 ng

RT: 10.69 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

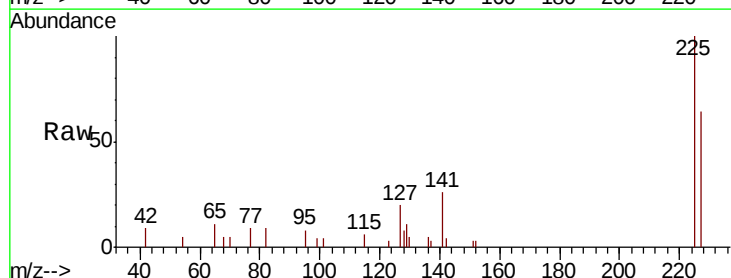
Tgt Ion:225 Resp: 2830

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

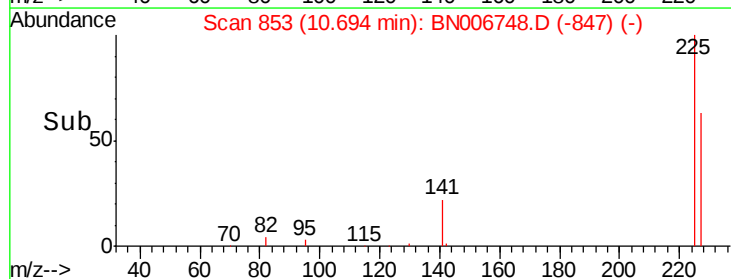
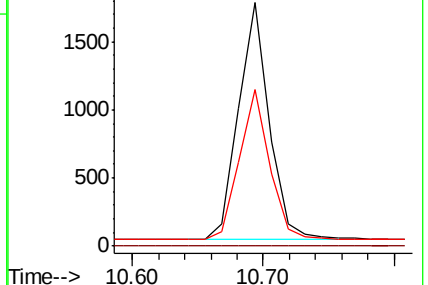
227 63.2 50.9 76.3

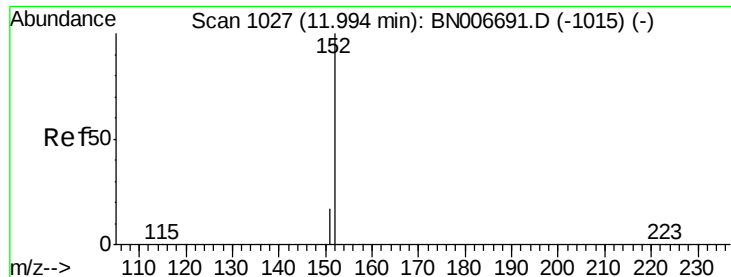


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

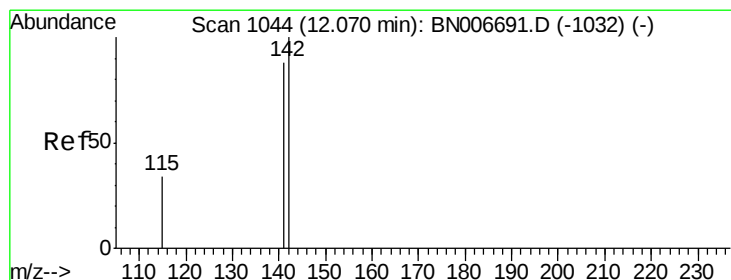
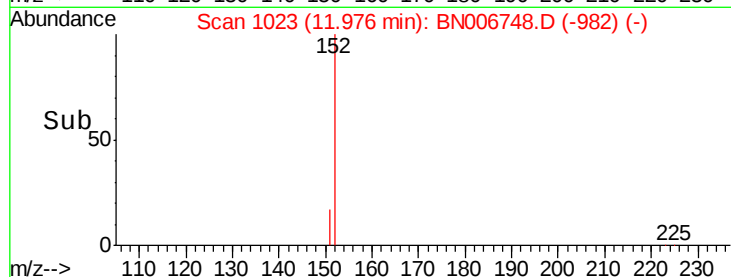
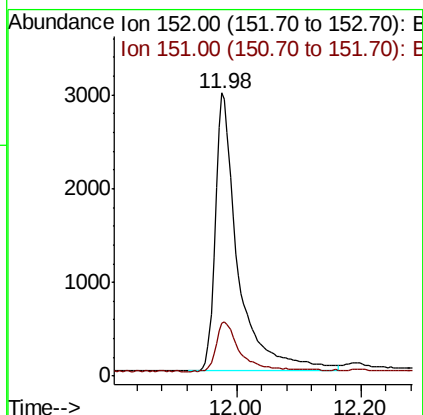
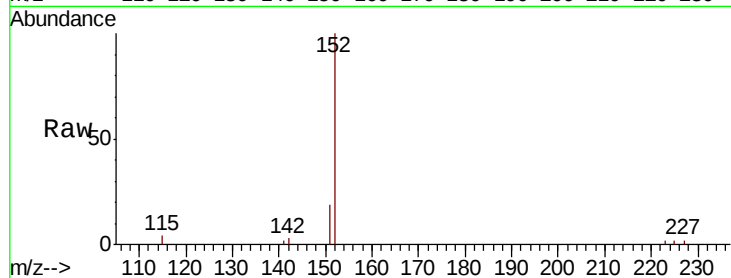




#11
 2-Methylnaphthalene-d10
 Concen: 0.447 ng
 RT: 11.98 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BN006748.D
 Acq: 08 Jul 2019 09:10

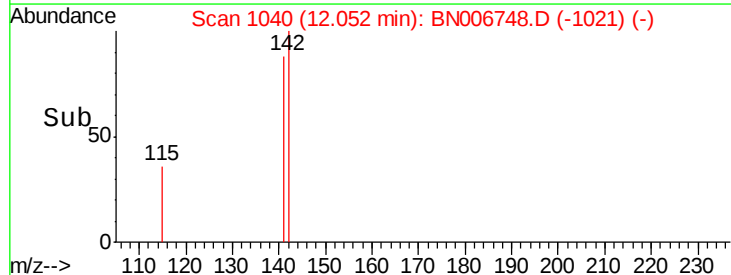
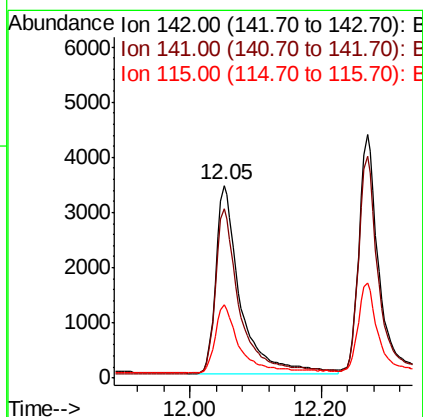
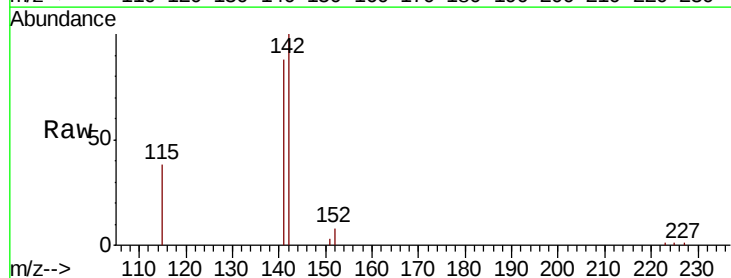
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:152 Resp: 7602
 Ion Ratio Lower Upper
 152 100
 151 18.4 14.9 22.3



#12
 2-Methylnaphthalene
 Concen: 0.401 ng
 RT: 12.05 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BN006748.D
 Acq: 08 Jul 2019 09:10

Tgt Ion:142 Resp: 8739
 Ion Ratio Lower Upper
 142 100
 141 87.9 70.3 105.5
 115 37.9 28.9 43.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

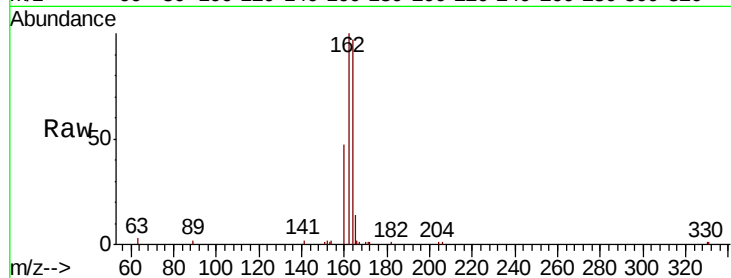
Tgt Ion:164 Resp: 6767

Ion Ratio Lower Upper

164 100

162 103.0 80.8 121.2

160 48.3 37.0 55.6

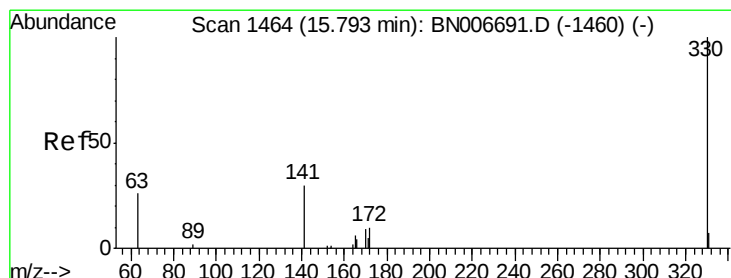
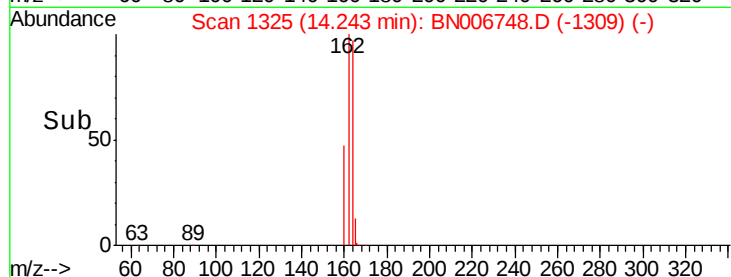
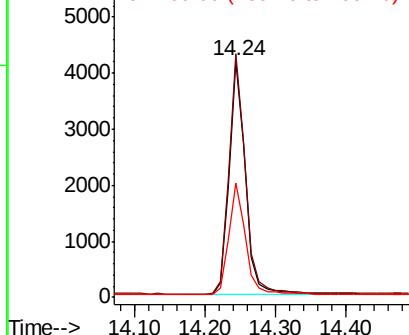


Abundance

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: 0.415 ng

RT: 15.77 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

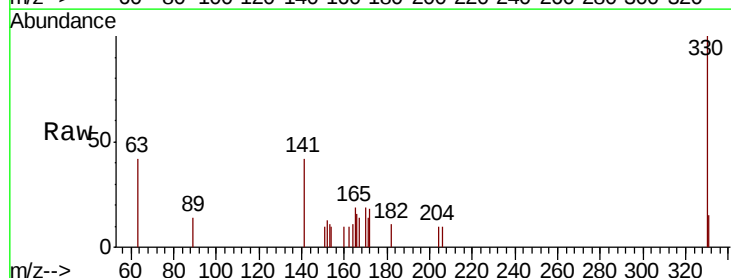
Tgt Ion:330 Resp: 1382

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 30.9 24.8 37.2

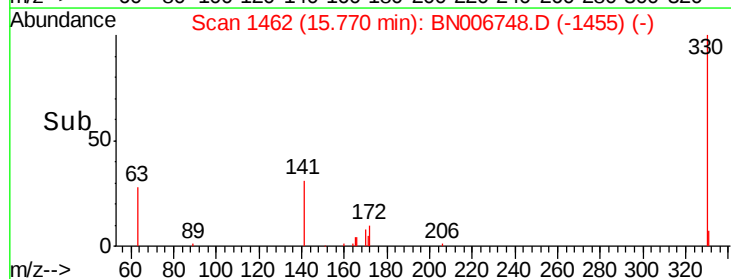
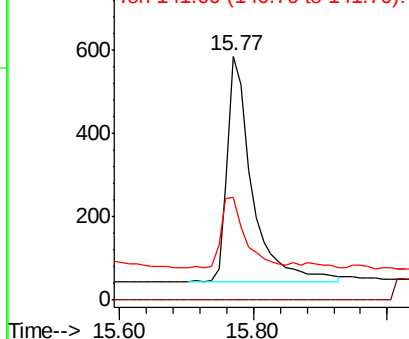


Abundance

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

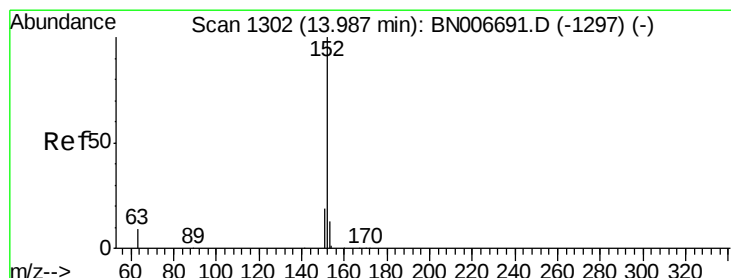
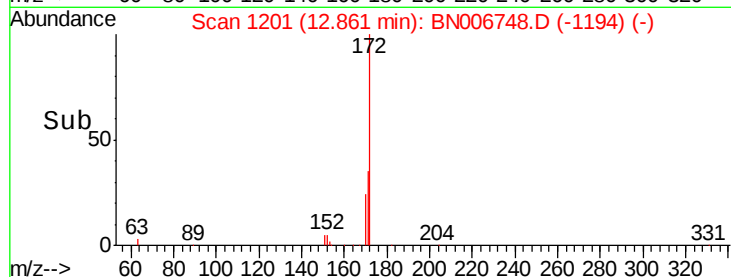
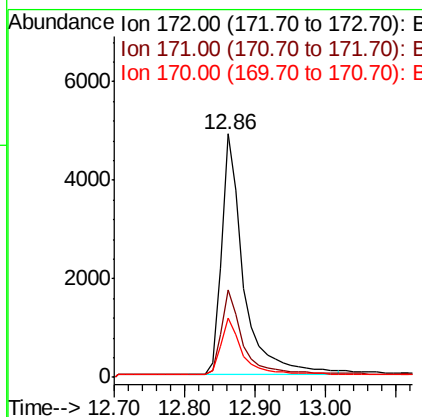
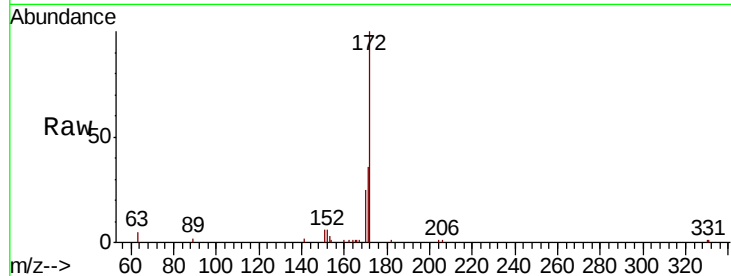




#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006748.D
Acq: 08 Jul 2019 09:10

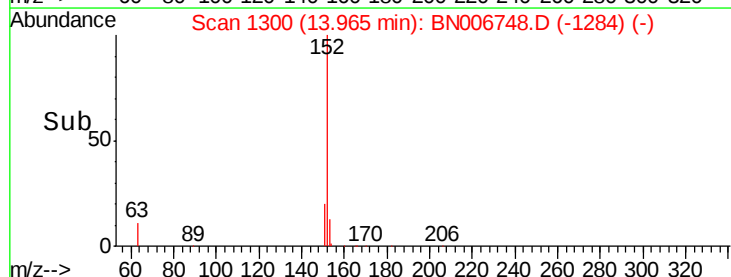
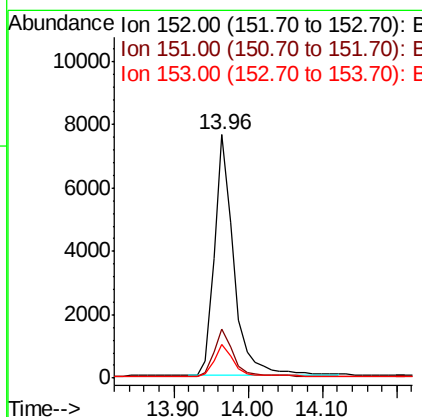
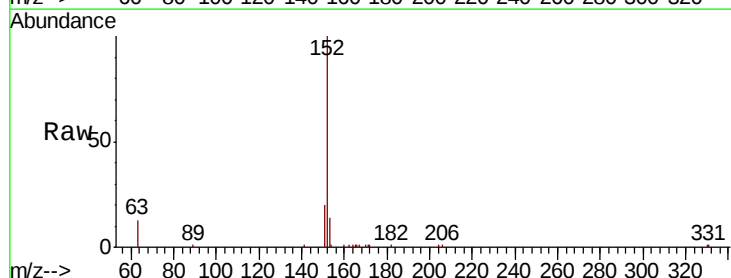
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 10886
Ion Ratio Lower Upper
172 100
171 35.9 27.8 41.6
170 24.6 18.9 28.3



#16
Acenaphthylene
Concen: 0.409 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006748.D
Acq: 08 Jul 2019 09:10

Tgt Ion:152 Resp: 13798
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.443 ng

RT: 14.31 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

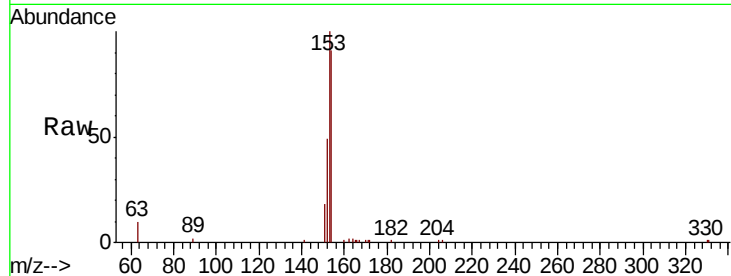
Tgt Ion:154 Resp: 9527

Ion Ratio Lower Upper

154 100

153 112.3 88.9 133.3

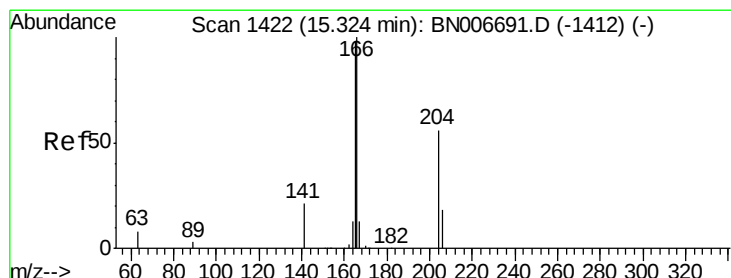
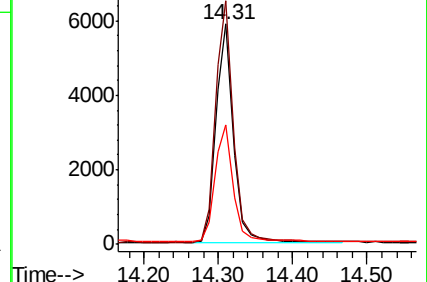
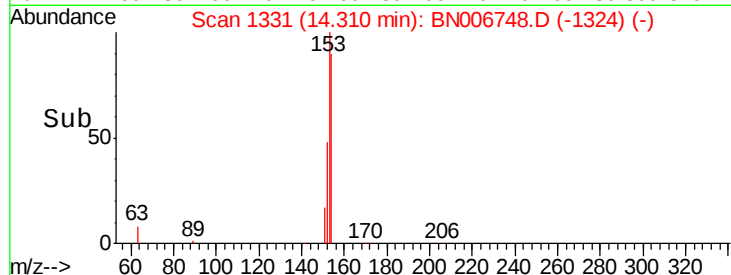
152 54.9 42.8 64.2



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: 0.440 ng

RT: 15.31 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

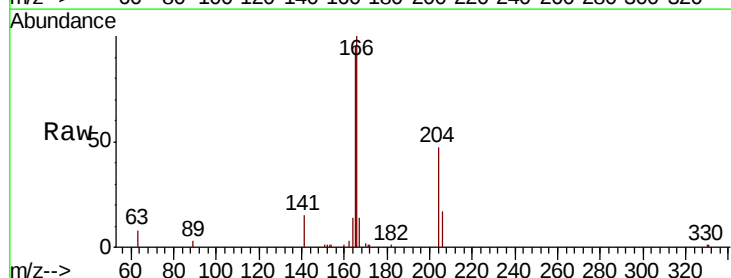
Tgt Ion:166 Resp: 11753

Ion Ratio Lower Upper

166 100

165 97.5 78.0 117.0

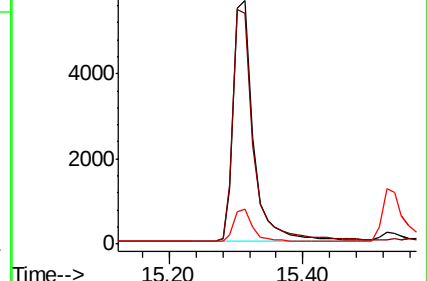
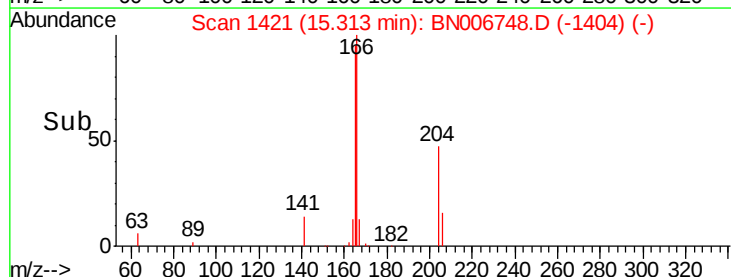
167 13.2 10.7 16.1



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: 17.01 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

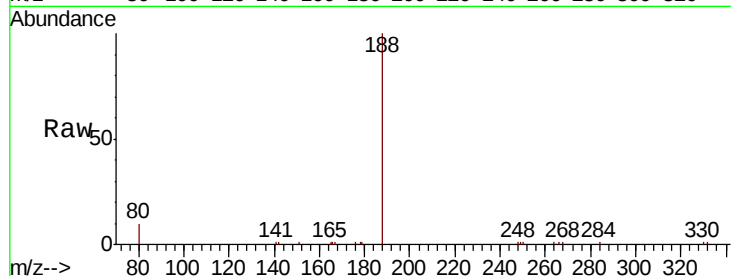
Tgt Ion:188 Resp: 15873

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

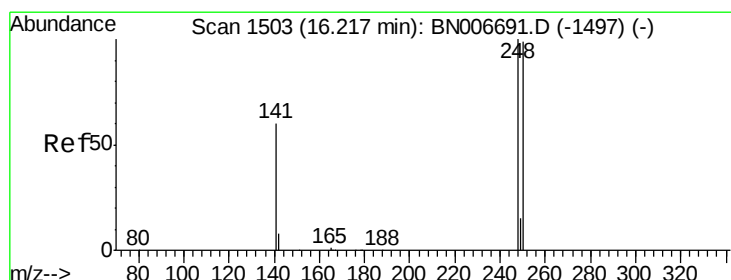
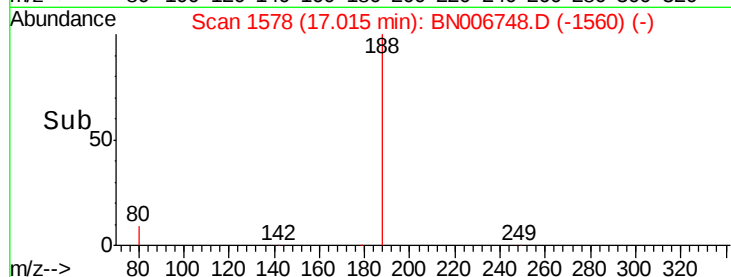
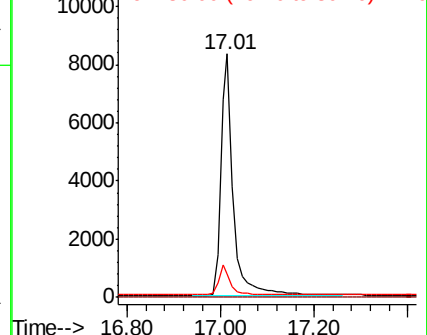
80 9.7 10.3 15.5#



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: 0.413 ng

RT: 16.20 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

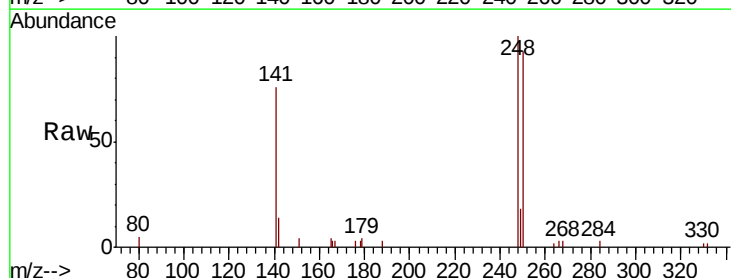
Tgt Ion:248 Resp: 3867

Ion Ratio Lower Upper

248 100

250 92.8 79.0 118.6

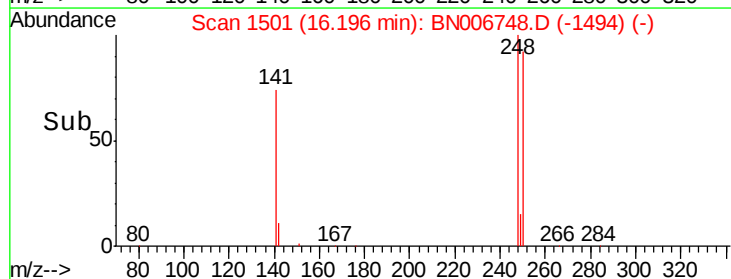
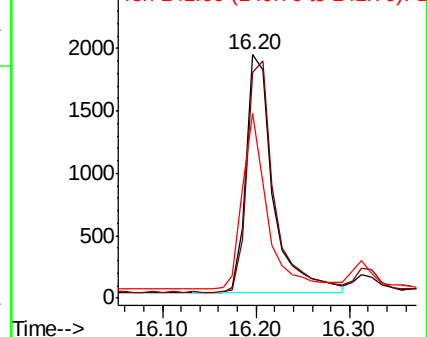
141 76.0 50.2 75.4#



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

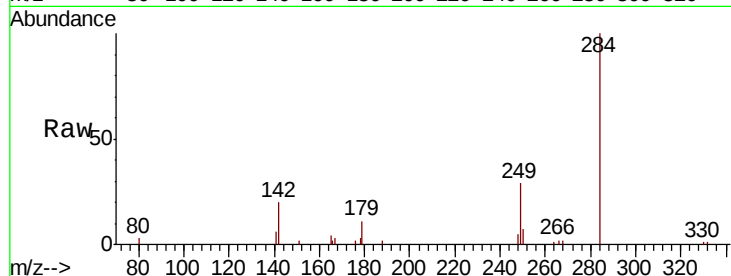




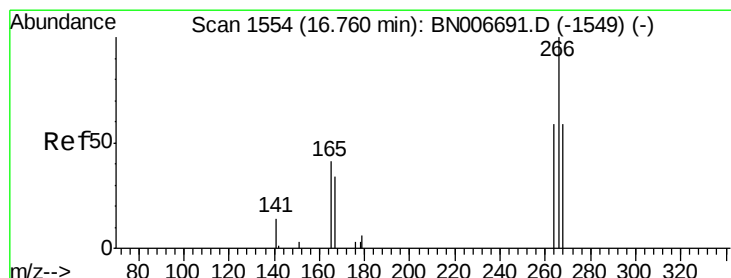
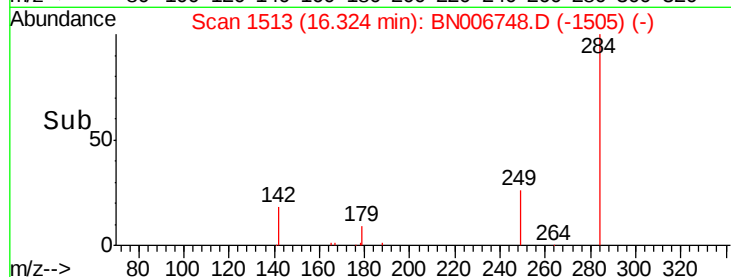
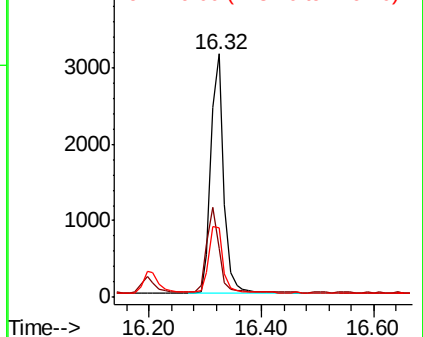
#21
Hexachlorobenzene
Concen: 0.452 ng
RT: 16.32 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BN006748.D
Acq: 08 Jul 2019 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 284 Resp: 5033
Ion Ratio Lower Upper
284 100
142 34.3 26.9 40.3
249 30.4 24.4 36.6

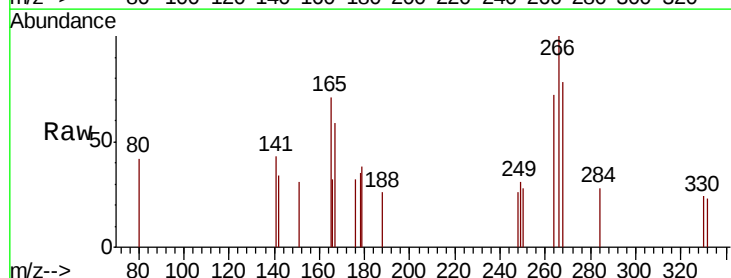


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

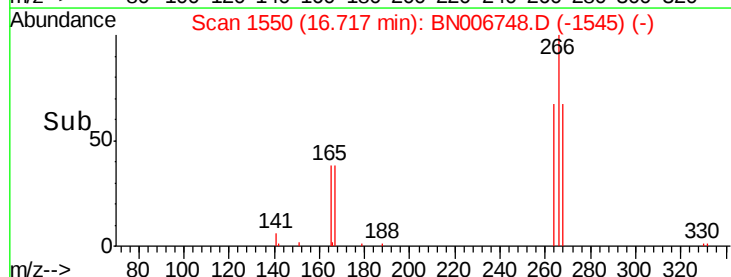
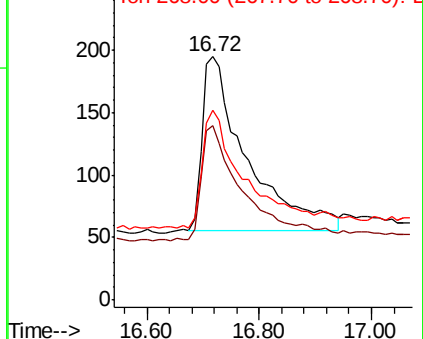


#22
Pentachlorophenol
Concen: 0.598 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.04 min
Lab File: BN006748.D
Acq: 08 Jul 2019 09:10

Tgt Ion: 266 Resp: 758
Ion Ratio Lower Upper
266 100
264 71.8 57.6 86.4
268 77.9 66.6 99.8



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: 0.414 ng

RT: 17.06 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

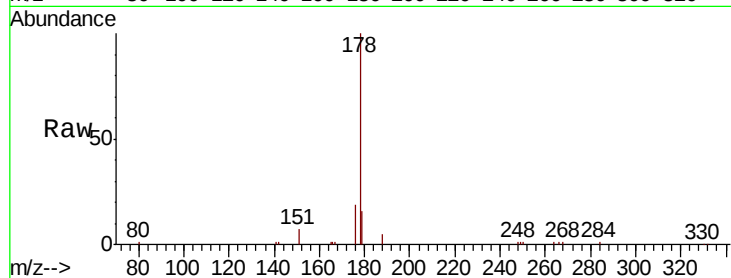
Tgt Ion:178 Resp: 18921

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

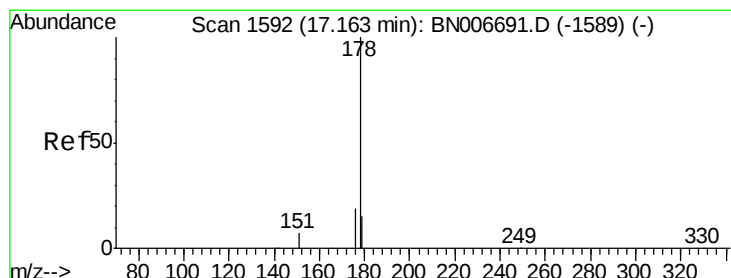
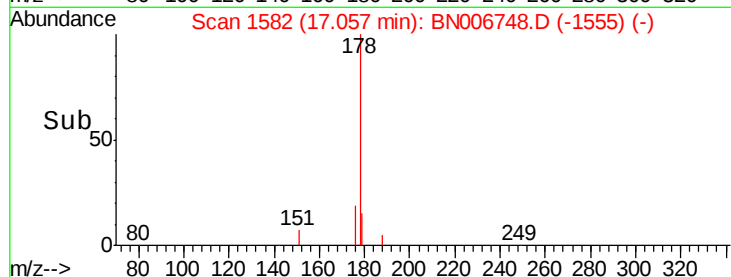
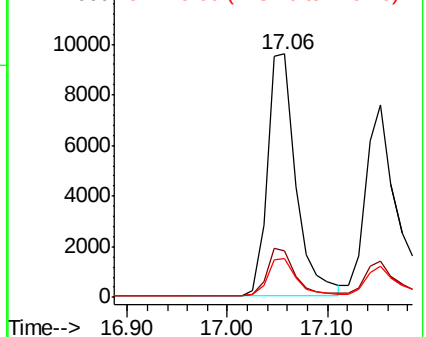
179 15.4 12.4 18.6



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: 0.390 ng

RT: 17.15 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

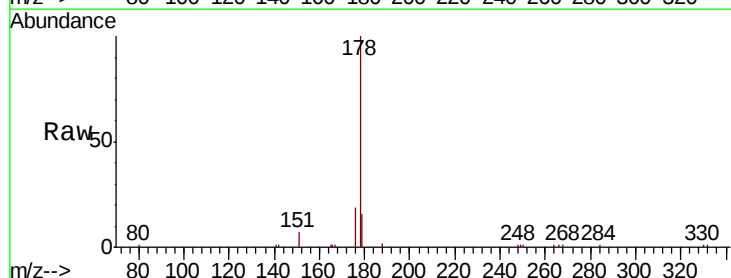
Tgt Ion:178 Resp: 16129

Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

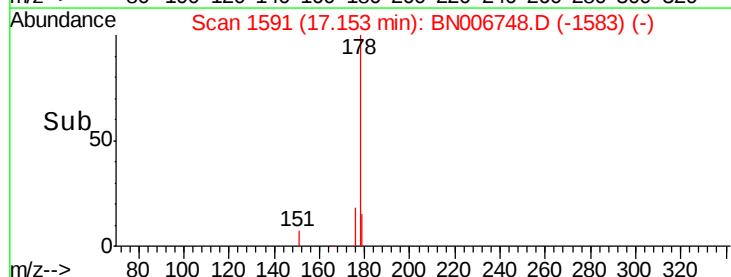
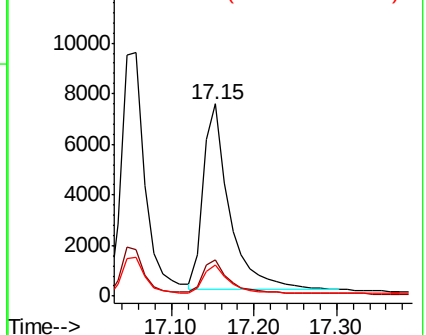
179 15.1 11.9 17.9

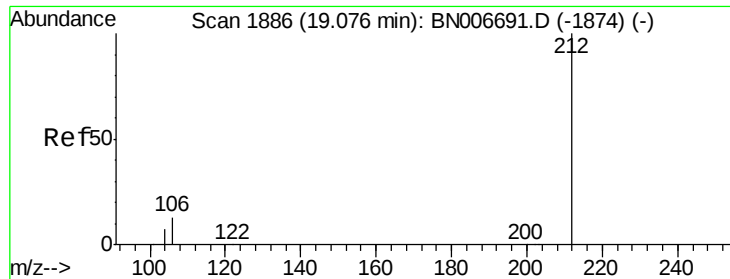


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.450 ng

RT: 19.06 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

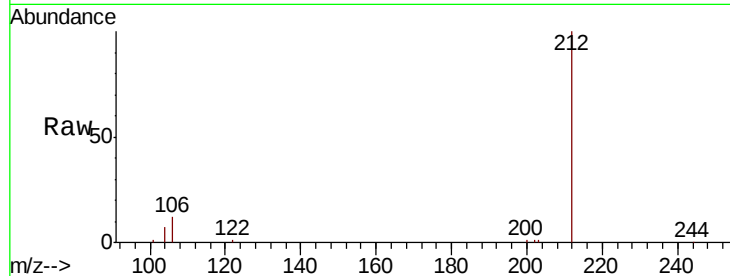
Tgt Ion:212 Resp: 20443

Ion Ratio Lower Upper

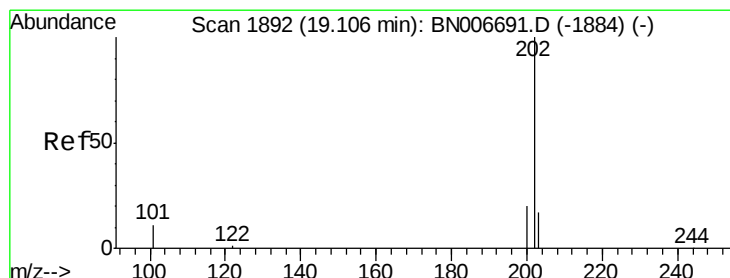
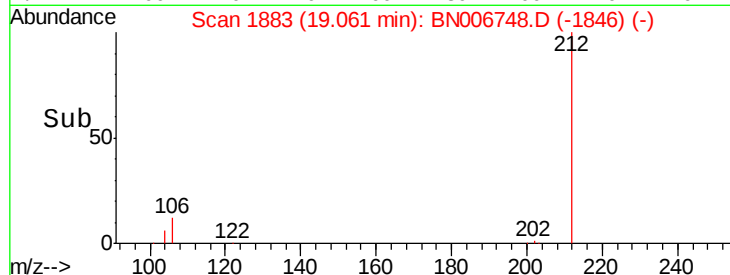
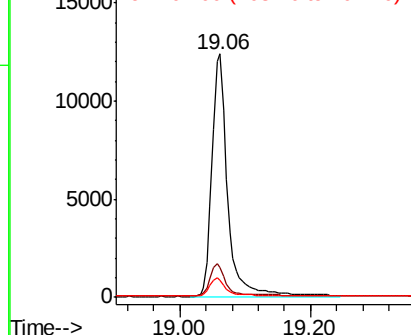
212 100

106 13.2 11.0 16.6

104 7.2 6.1 9.1



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: 0.438 ng

RT: 19.09 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

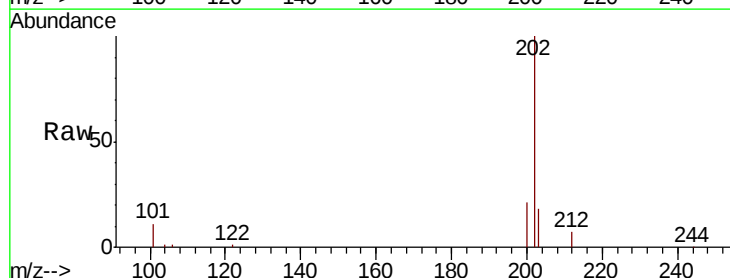
Tgt Ion:202 Resp: 23556

Ion Ratio Lower Upper

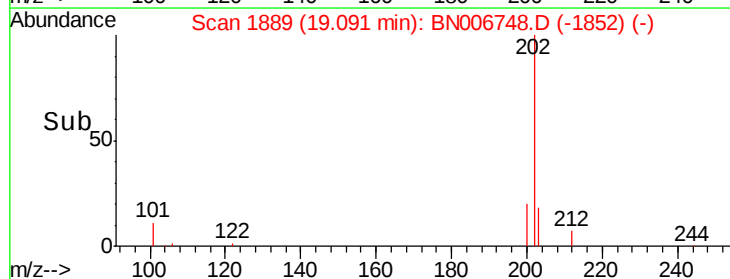
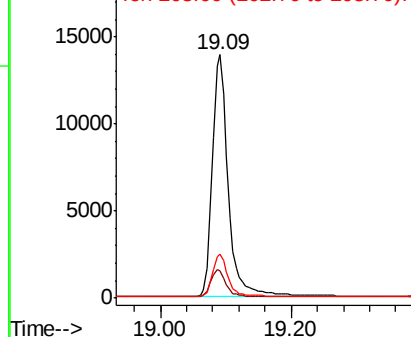
202 100

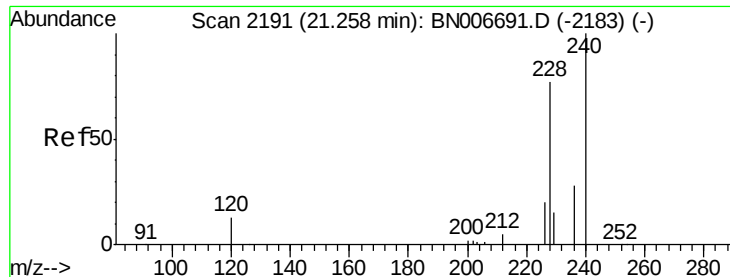
101 11.0 8.7 13.1

203 17.3 13.8 20.6



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

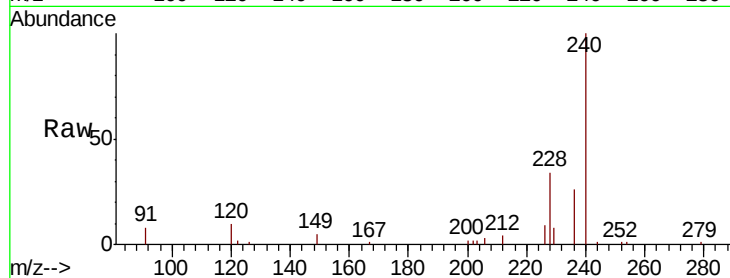




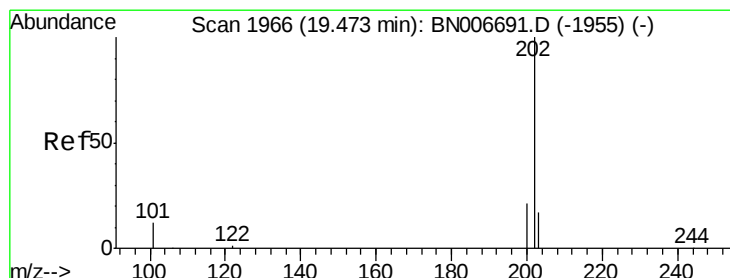
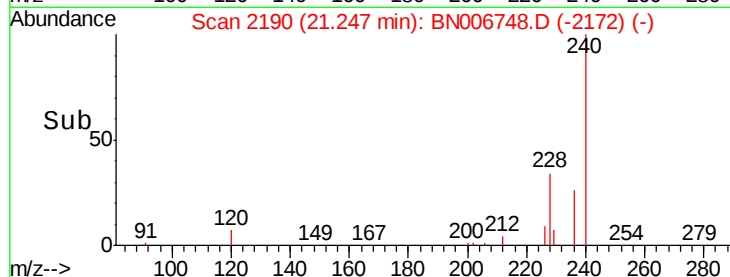
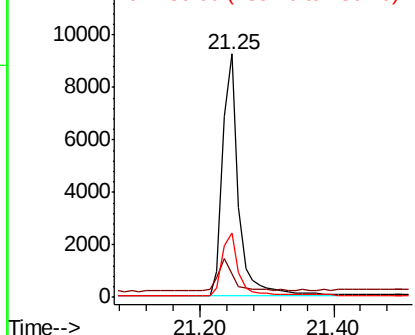
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN006748.D
Acq: 08 Jul 2019 09:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 15221
Ion Ratio Lower Upper
240 100
120 9.6 12.9 19.3#
236 26.4 23.2 34.8

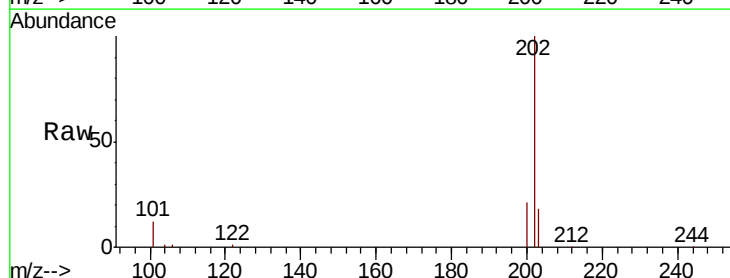


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

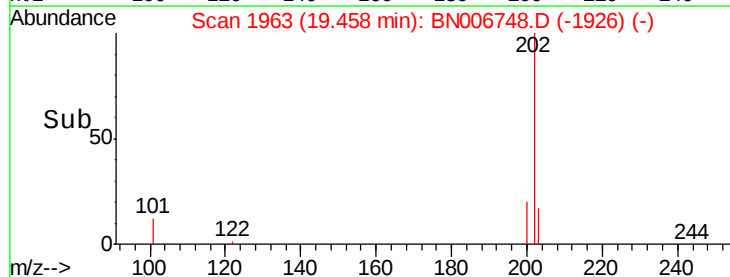
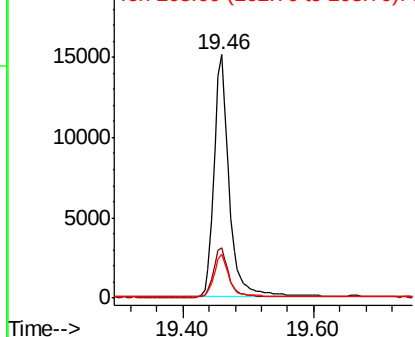


#28
Pyrene
Concen: 0.400 ng
RT: 19.46 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BN006748.D
Acq: 08 Jul 2019 09:10

Tgt Ion:202 Resp: 24338
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.6 14.2 21.2



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: 0.428 ng

RT: 19.66 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

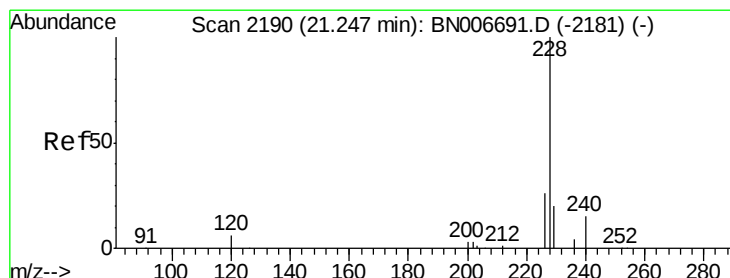
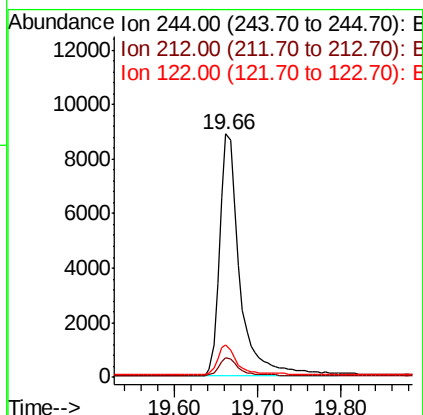
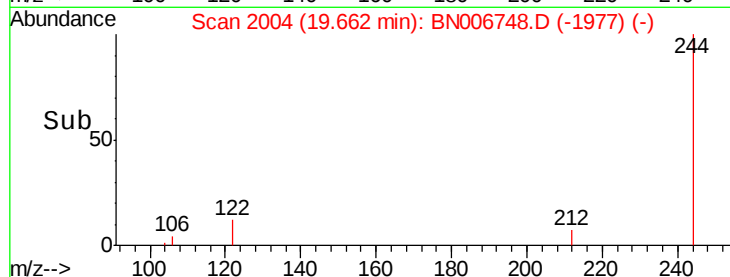
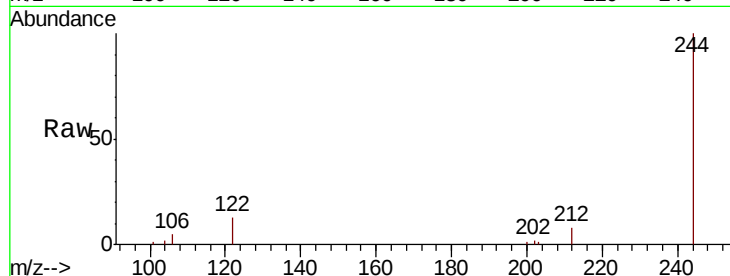
Tgt Ion:244 Resp: 14991

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.4

122 13.4 11.5 17.3



#30

Benzo(a)anthracene

Concen: 0.401 ng

RT: 21.23 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

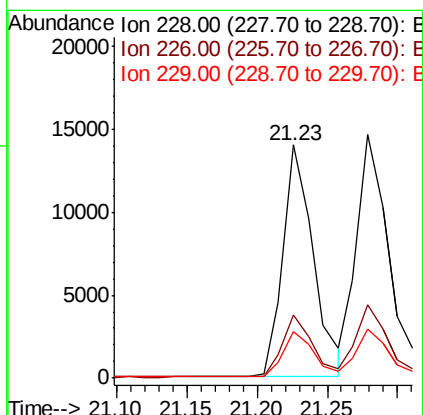
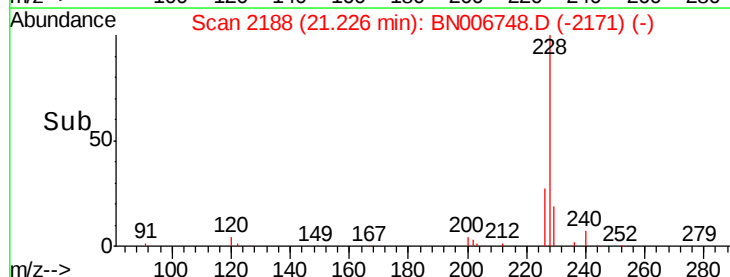
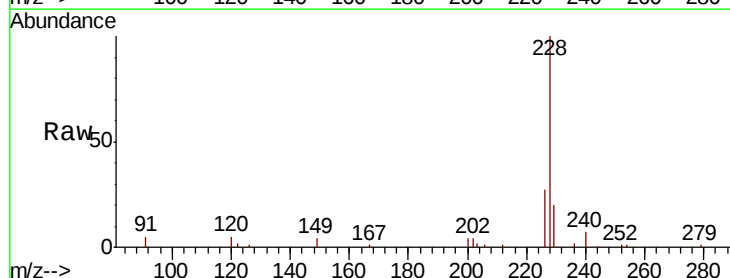
Tgt Ion:228 Resp: 21047

Ion Ratio Lower Upper

228 100

226 27.3 21.5 32.3

229 19.8 16.2 24.4





#31

Chrysene

Concen: 0.436 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.02 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

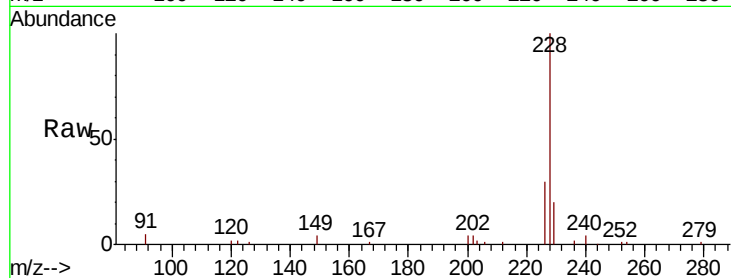
Tgt Ion: 228 Resp: 23602

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 20.2 15.8 23.6

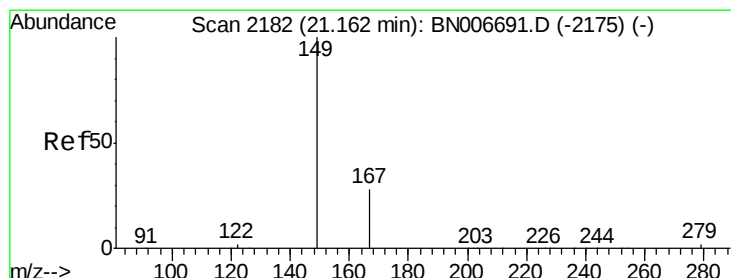
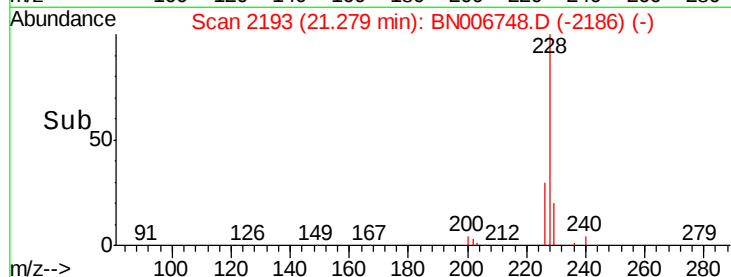
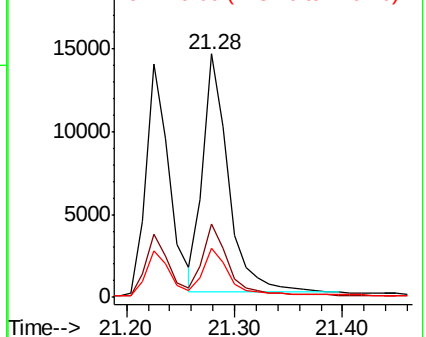


Abundance

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: 0.066 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

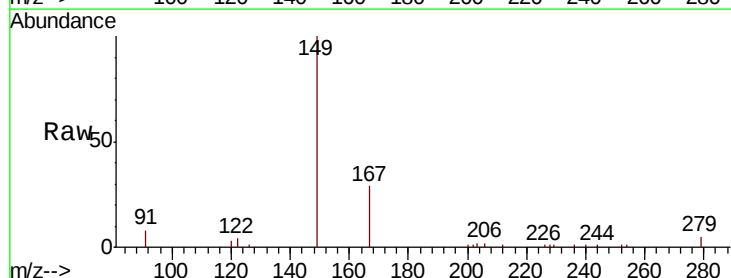
Tgt Ion: 149 Resp: 10405

Ion Ratio Lower Upper

149 100

167 28.5 22.9 34.3

279 4.5 3.2 4.8

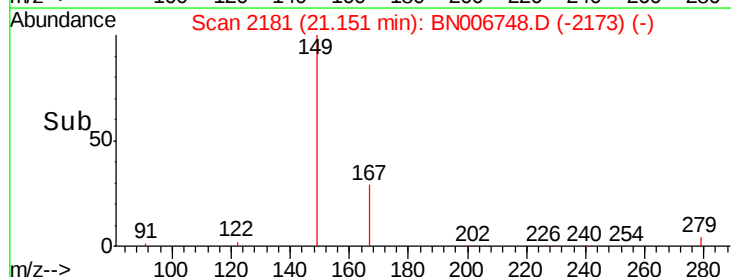
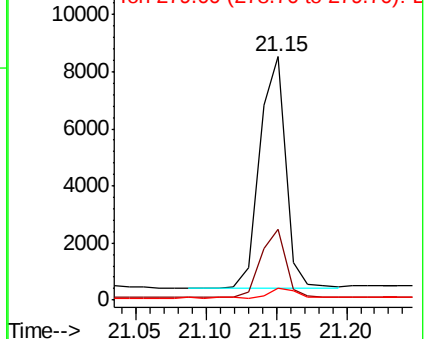


Abundance

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: 0.451 ng

RT: 25.71 min Scan# 3264

Delta R.T. -0.04 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

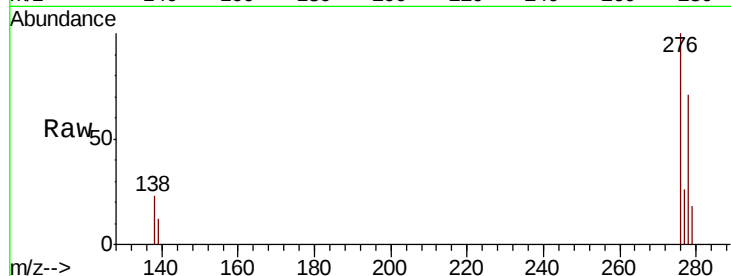
Tgt Ion:276 Resp: 29182

Ion Ratio Lower Upper

276 100

138 21.9 19.5 29.3

277 24.4 19.7 29.5

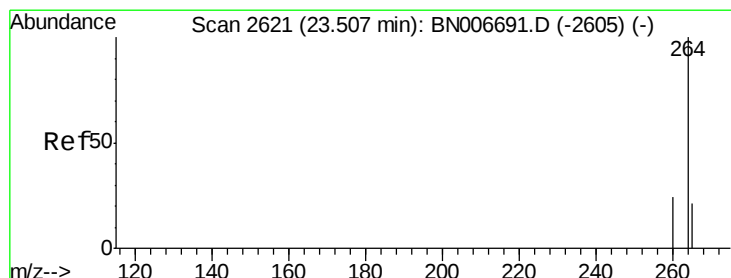
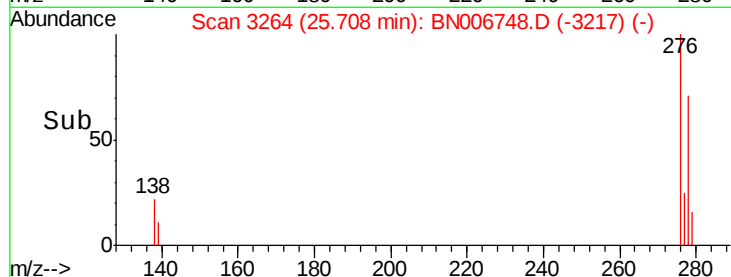
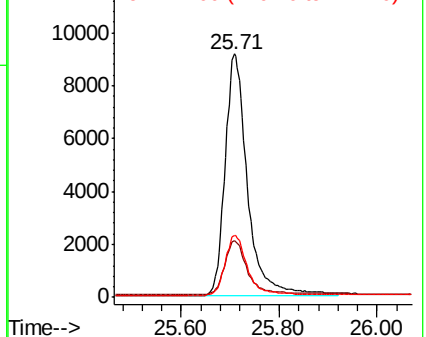


Abundance

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: 23.48 min Scan# 2613

Delta R.T. -0.03 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

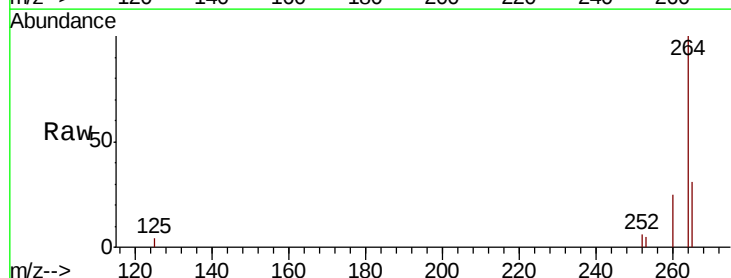
Tgt Ion:264 Resp: 17509

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.2

265 31.5 33.7 50.5#

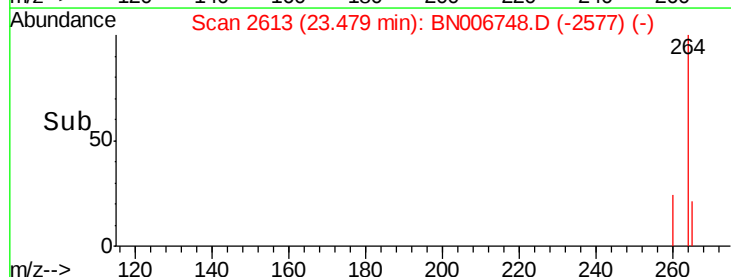
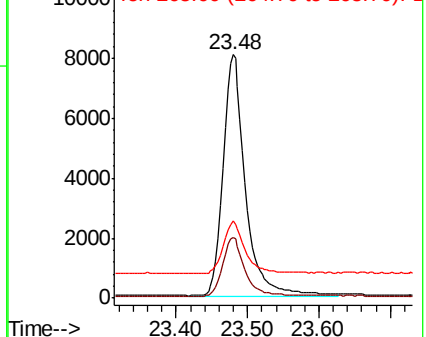


Abundance

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

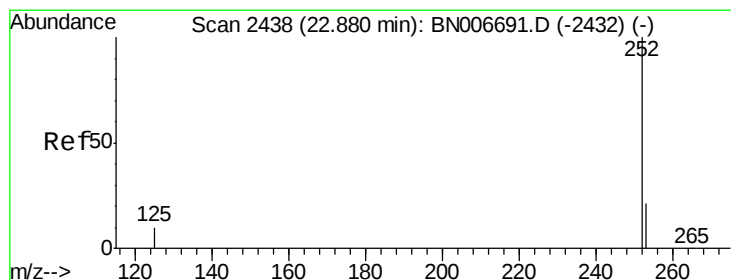
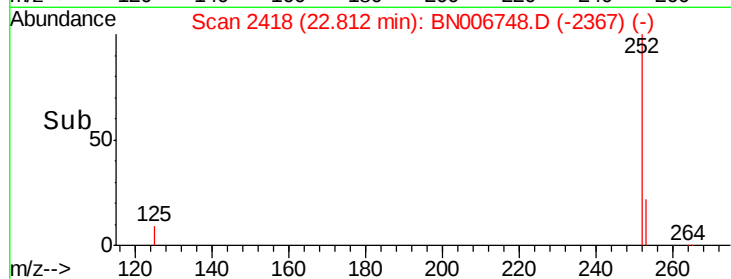
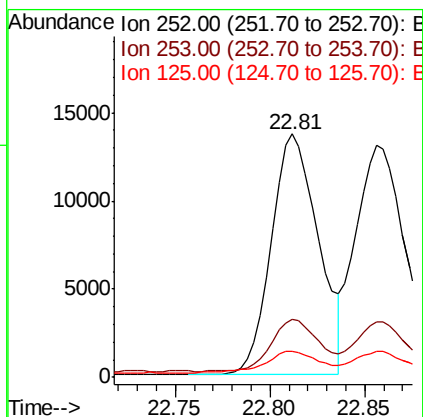
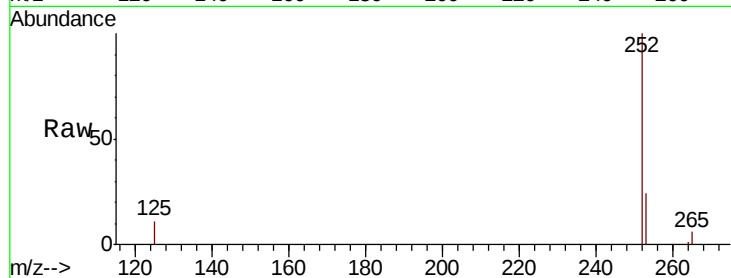




#35
Benzo(b)fluoranthene
Concen: 0.418 ng
RT: 22.81 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BN006748.D
Acq: 08 Jul 2019 09:10

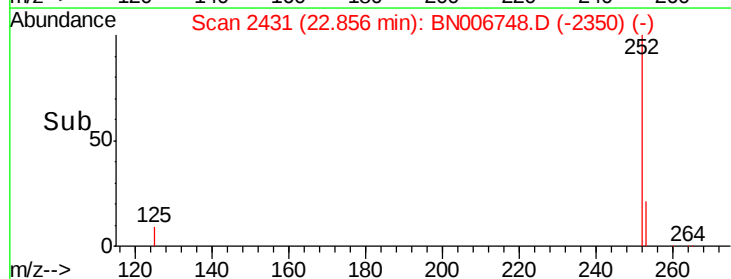
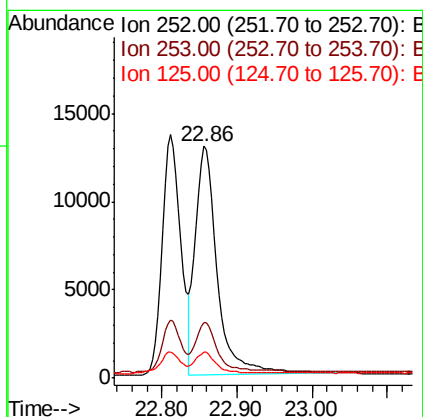
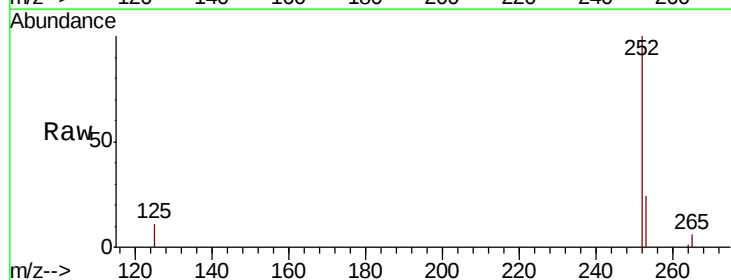
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

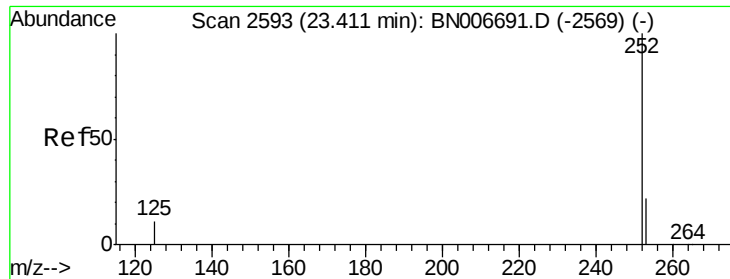
Tgt Ion:252 Resp: 23478
Ion Ratio Lower Upper
252 100
253 24.0 20.2 30.2
125 10.8 11.5 17.3#



#36
Benzo(k)fluoranthene
Concen: 0.434 ng
RT: 22.86 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BN006748.D
Acq: 08 Jul 2019 09:10

Tgt Ion:252 Resp: 26430
Ion Ratio Lower Upper
252 100
253 23.7 20.1 30.1
125 11.2 11.4 17.0#





#37

Benzo(a)pyrene

Concen: 0.422 ng

RT: 23.38 min Scan# 2585

Delta R.T. -0.03 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

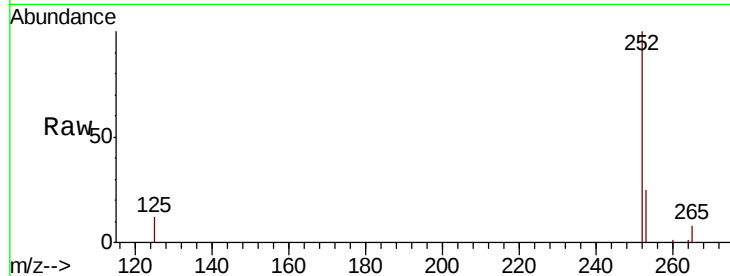
Tgt Ion:252 Resp: 22962

Ion Ratio Lower Upper

252 100

253 24.8 21.4 32.2

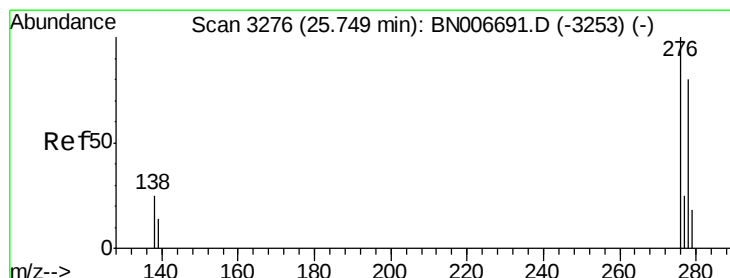
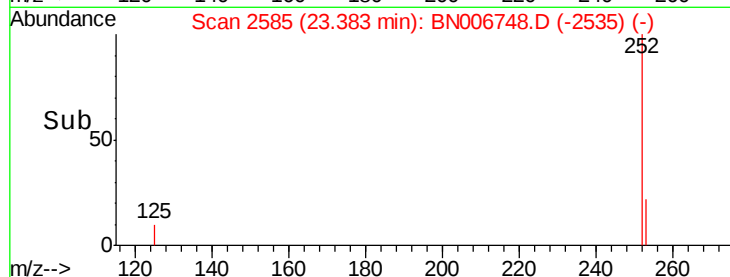
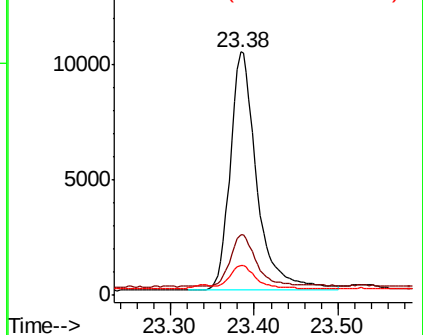
125 12.4 13.3 19.9#



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: 0.419 ng

RT: 25.71 min Scan# 3265

Delta R.T. -0.04 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

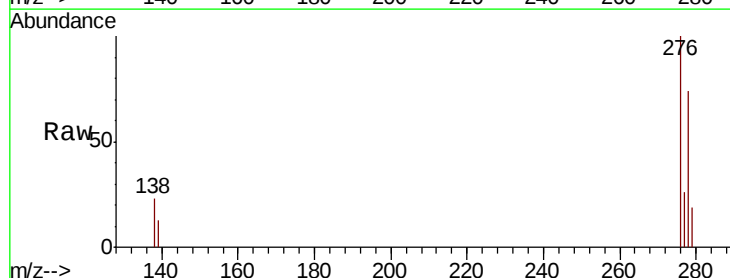
Tgt Ion:278 Resp: 22662

Ion Ratio Lower Upper

278 100

139 17.2 16.2 24.4

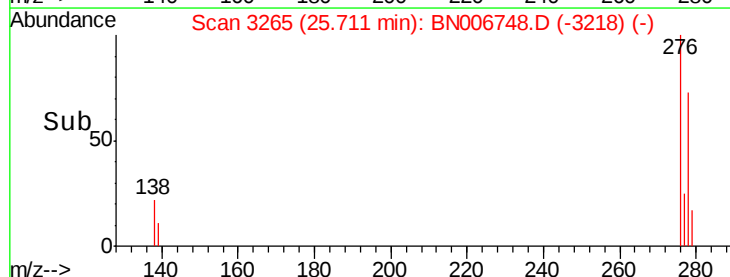
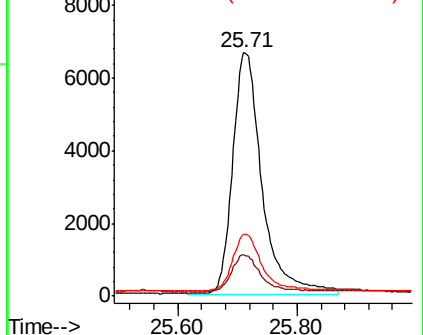
279 25.2 20.7 31.1

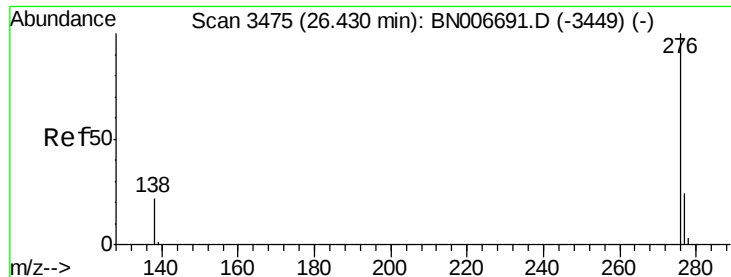


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.442 ng

RT: 26.39 min Scan# 3464

Delta R.T. -0.04 min

Lab File: BN006748.D

Acq: 08 Jul 2019 09:10

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

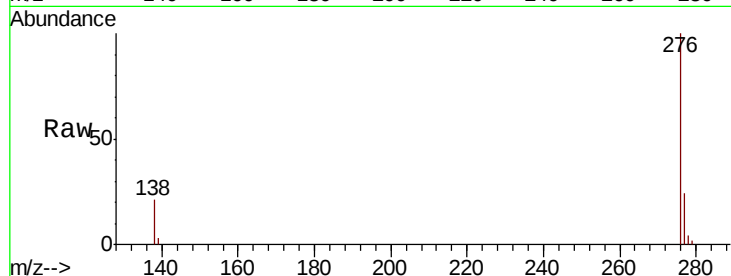
Tgt Ion:276 Resp: 24611

Ion Ratio Lower Upper

276 100

277 24.3 20.6 30.8

138 21.2 19.7 29.5



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

