

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\
 Data File : BN007983.D
 Acq On : 03 Oct 2019 01:40
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 03 06:49:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	5178	0.40	ng	-0.02
7) Naphthalene-d8	10.46	136	21565	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	13474	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	28156	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	32392	0.40	ng	-0.02
34) Perylene-d12	23.46	264	34571	0.40	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	6698	0.38	ng	0.00
5) Phenol-d6	6.87	99	9252	0.42	ng	0.00
8) Nitrobenzene-d5	8.82	82	7989	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	15846	0.44	ng	-0.02
14) 2,4,6-Tribromophenol	15.81	330	2889	0.39	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	21673	0.39	ng	-0.01
25) Fluoranthene-d10	19.09	212	39743	0.42	ng	-0.01
29) Terphenyl-d14	19.69	244	33920	0.43	ng	-0.02

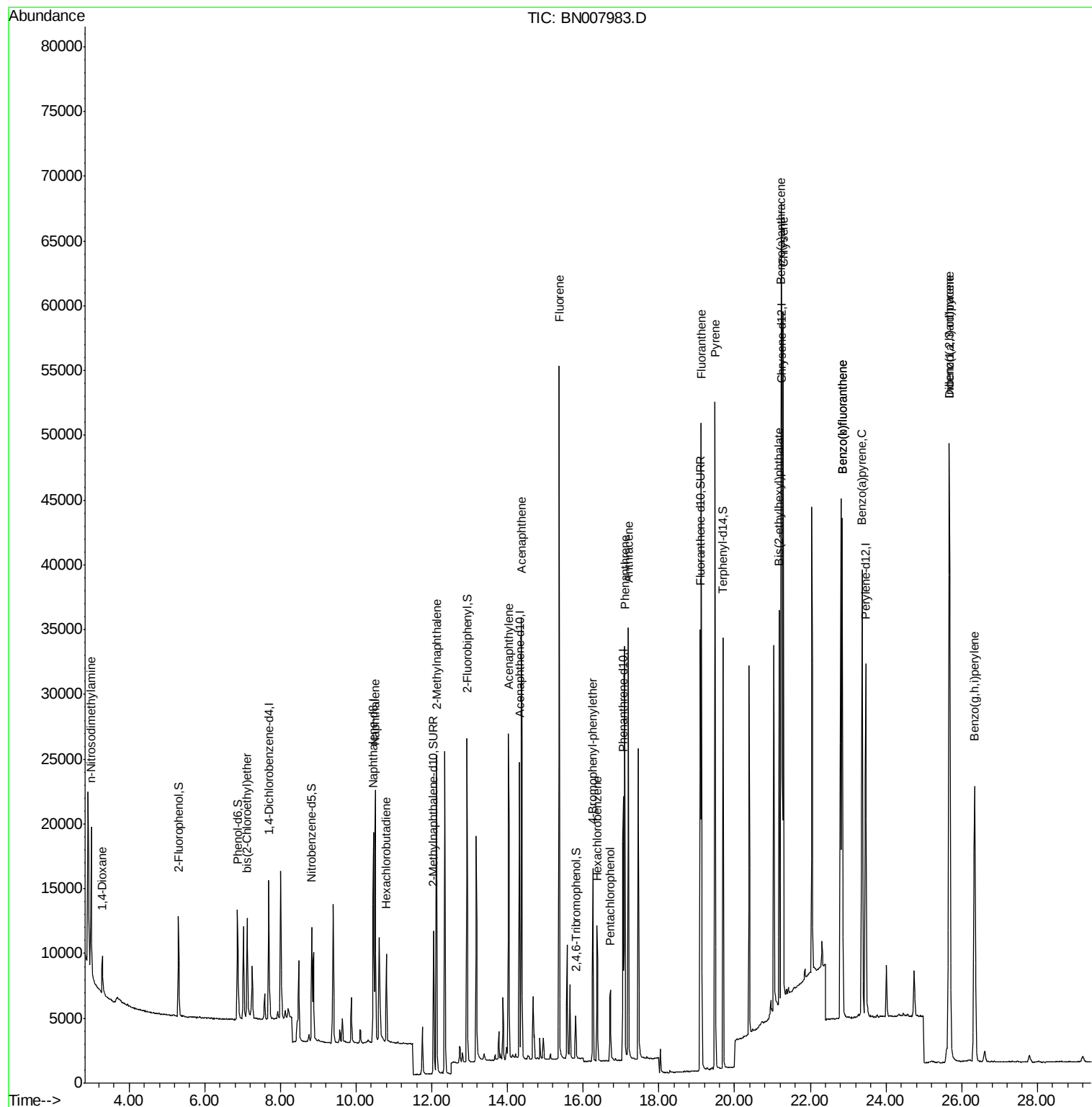
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	2464	0.427	ng	90
3) n-Nitrosodimethylamine	3.00	42	1431	0.541	ng	95
6) bis(2-Chloroethyl)ether	7.12	93	7514	0.513	ng	# 88
9) Naphthalene	10.51	128	25694	0.425	ng	99
10) Hexachlorobutadiene	10.80	225	5583	0.438	ng	# 99
12) 2-Methylnaphthalene	12.12	142	17805	0.435	ng	100
16) Acenaphthylene	14.02	152	28379	0.397	ng	100
17) Acenaphthene	14.37	154	17403	0.378	ng	97
18) Fluorene	15.36	166	22365	0.379	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	7242	0.424	ng	# 84
21) Hexachlorobenzene	16.37	284	8358	0.447	ng	97
22) Pentachlorophenol	16.72	266	3254	0.472	ng	97
23) Phenanthrene	17.10	178	36705	0.418	ng	100
24) Anthracene	17.19	178	34109	0.431	ng	100
26) Fluoranthene	19.12	202	45181	0.414	ng	100
28) Pyrene	19.49	202	46599	0.422	ng	100
30) Benzo(a)anthracene	21.23	228	48797	0.409	ng	99
31) Chrysene	21.28	228	48668	0.419	ng	100
32) Bis(2-ethylhexyl)phthalate	21.17	149	25128	0.410	ng	100
33) Indeno(1,2,3-cd)pyrene	25.67	276	55592	0.382	ng	99
35) Benzo(b)fluoranthene	22.84	252	47782	0.398	ng	98
36) Benzo(k)fluoranthene	22.84	252	47782	0.403	ng	98
37) Benzo(a)pyrene	23.36	252	46311	0.411	ng	# 90
38) Dibenzo(a,h)anthracene	25.68	278	45371	0.393	ng	98
39) Benzo(g,h,i)perylene	26.34	276	45281	0.397	ng	99

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

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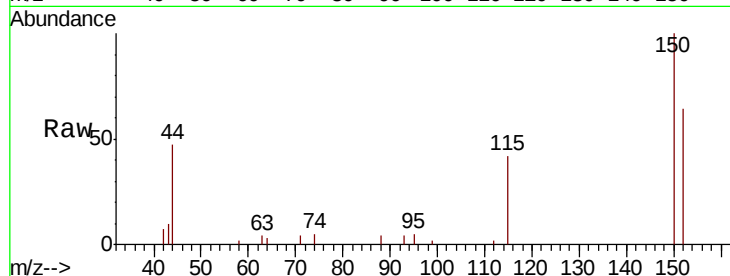


#1

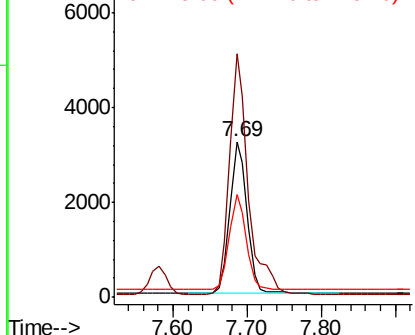
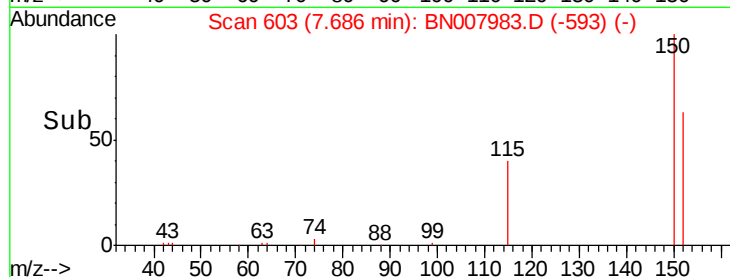
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN007983.D
Acq: 03 Oct 2019 01:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5178
Ion Ratio Lower Upper
152 100
150 156.3 125.6 188.4
115 66.0 53.3 79.9



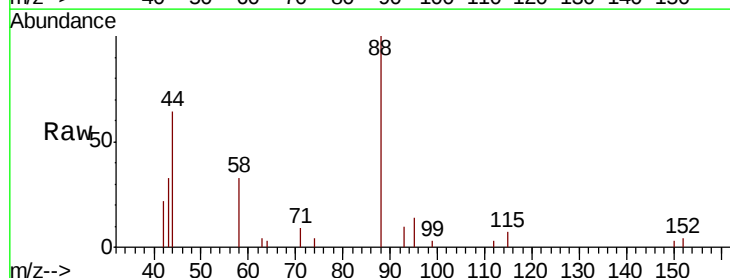
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



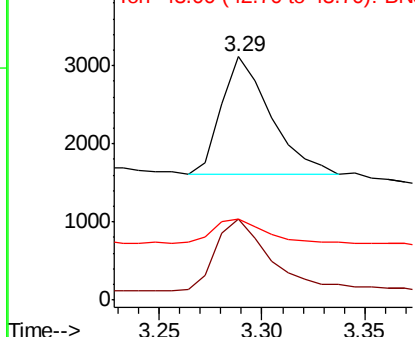
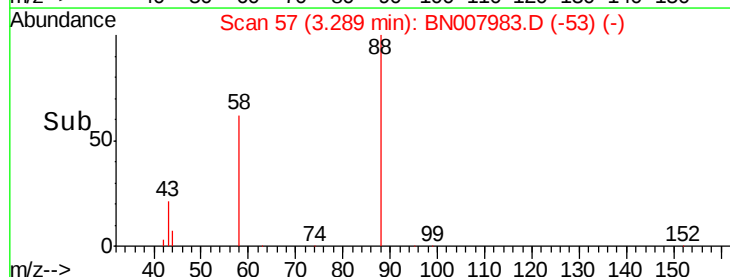
#2

1,4-Dioxane
Concen: 0.427 ng
RT: 3.29 min Scan# 57
Delta R.T. -0.02 min
Lab File: BN007983.D
Acq: 03 Oct 2019 01:40

Tgt Ion: 88 Resp: 2464
Ion Ratio Lower Upper
88 100
58 64.4 44.6 66.8
43 19.7 14.4 21.6



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



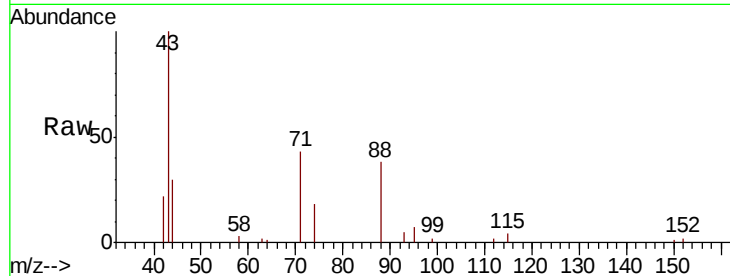


#3

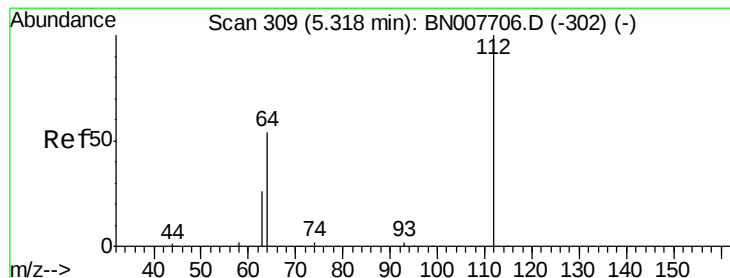
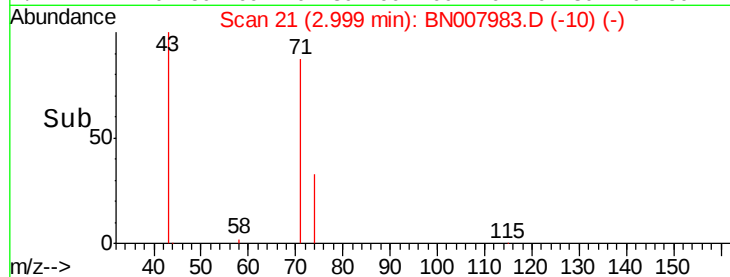
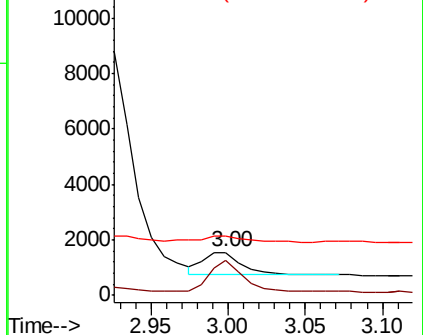
n-Nitrosodimethylamine
 Concen: 0.541 ng
 RT: 3.00 min Scan# 21
 Delta R.T. -0.01 min
 Lab File: BN007983.D
 Acq: 03 Oct 2019 01:40

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 42 Resp: 1431
 Ion Ratio Lower Upper
 42 100
 74 114.5 87.9 131.9
 44 31.7 29.4 44.0



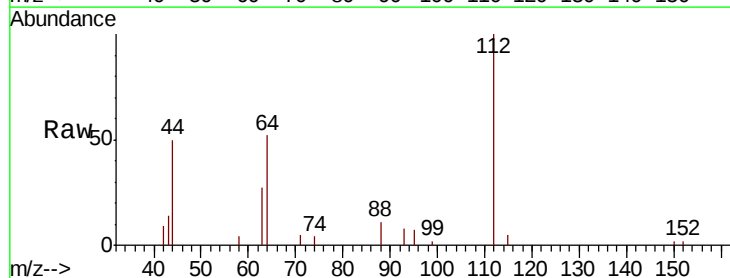
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



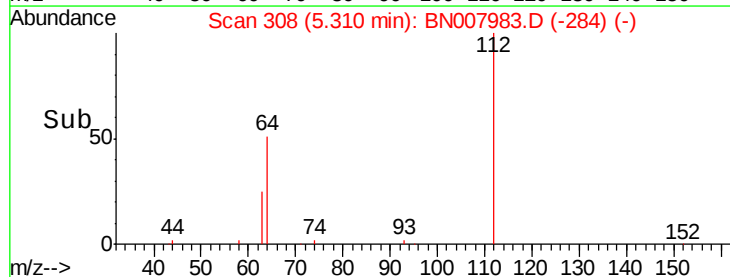
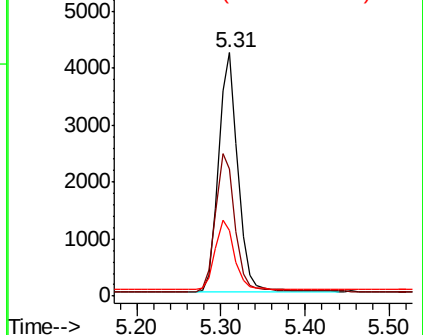
#4

2-Fluorophenol
 Concen: 0.376 ng
 RT: 5.31 min Scan# 308
 Delta R.T. -0.01 min
 Lab File: BN007983.D
 Acq: 03 Oct 2019 01:40

Tgt Ion: 112 Resp: 6698
 Ion Ratio Lower Upper
 112 100
 64 58.4 46.6 70.0
 63 29.0 23.1 34.7



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: 0.417 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

Instrument :

BNA_N

ClientSampleId :

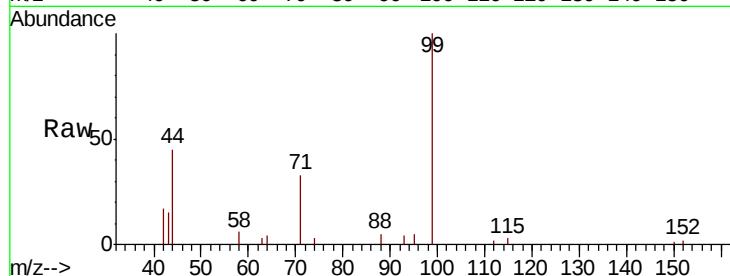
Tot Ion: 99 Resp: 9252

Ion Ratio Lower Upper

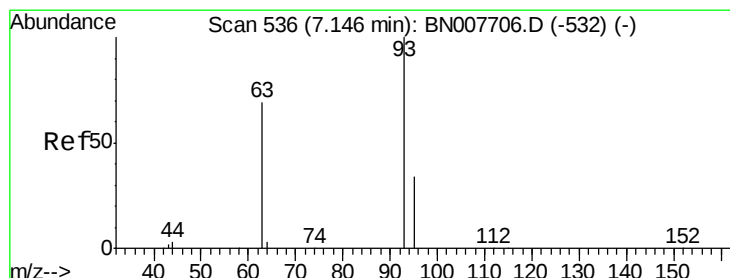
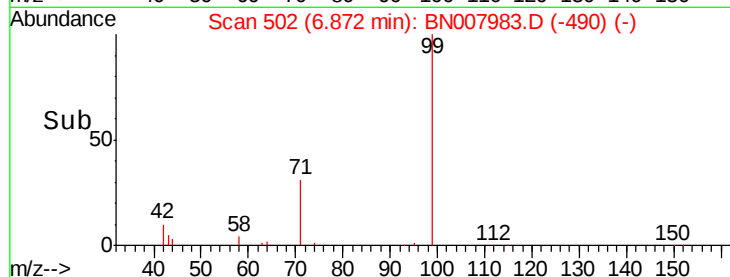
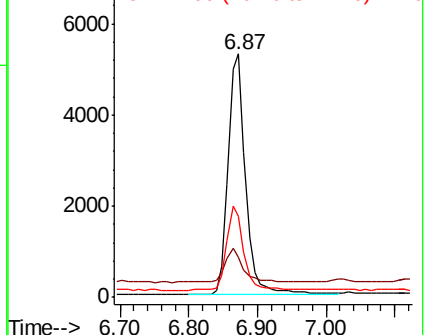
99 100

42 14.4 12.8 19.2

71 33.9 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.513 ng

RT: 7.12 min Scan# 533

Delta R.T. -0.02 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

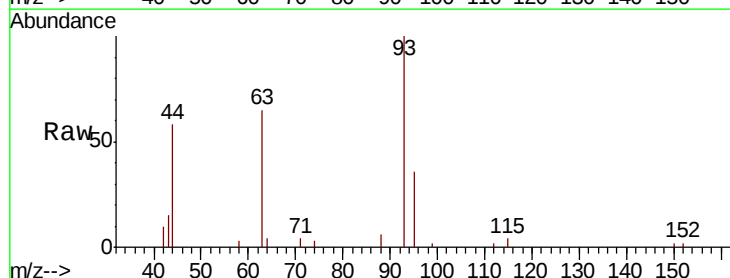
Tgt Ion: 93 Resp: 7514

Ion Ratio Lower Upper

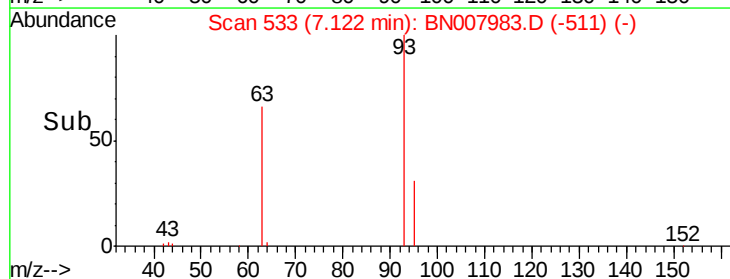
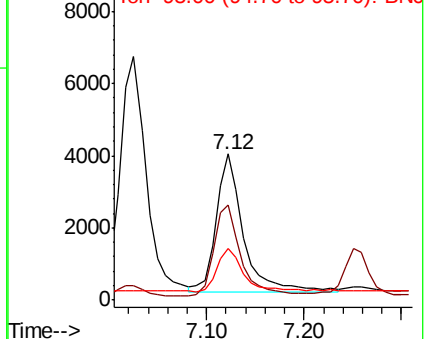
93 100

63 65.2 59.3 88.9

95 29.9 31.4 47.0#



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 21565

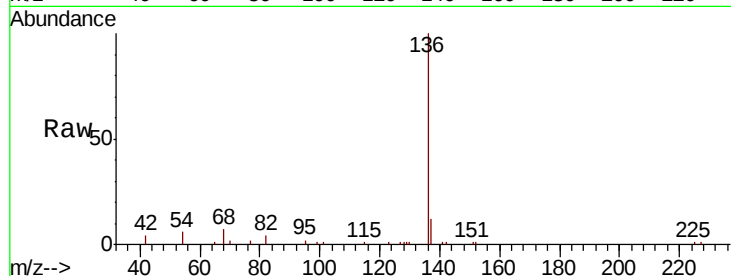
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 6.0 5.8 8.8

68 6.9 6.5 9.7

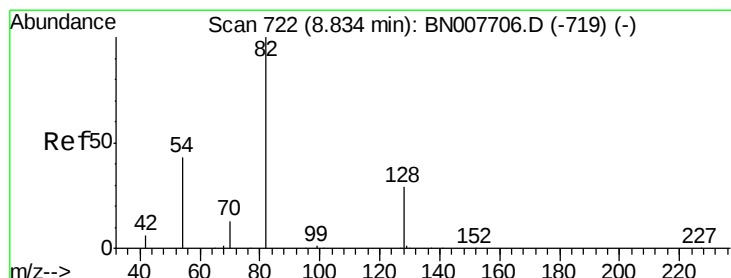
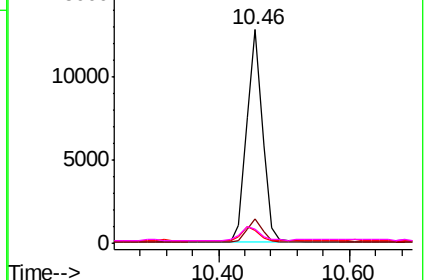
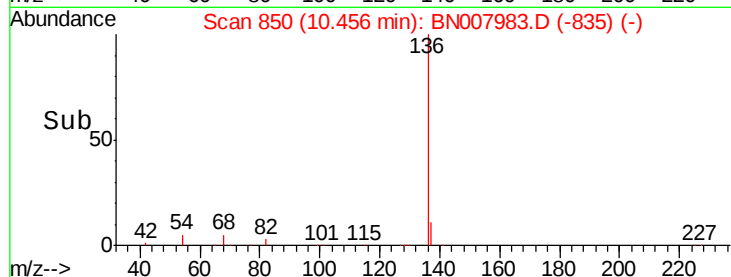


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.424 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

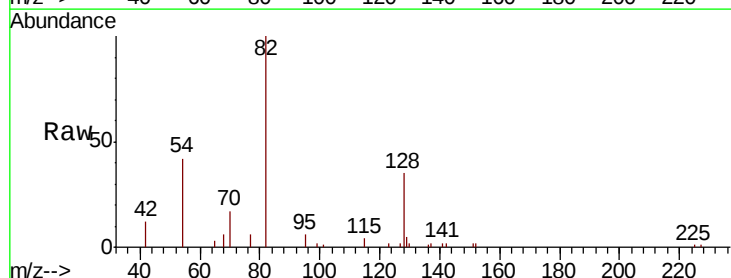
Tgt Ion: 82 Resp: 7989

Ion Ratio Lower Upper

82 100

128 34.6 24.5 36.7

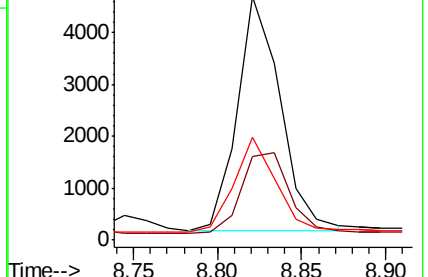
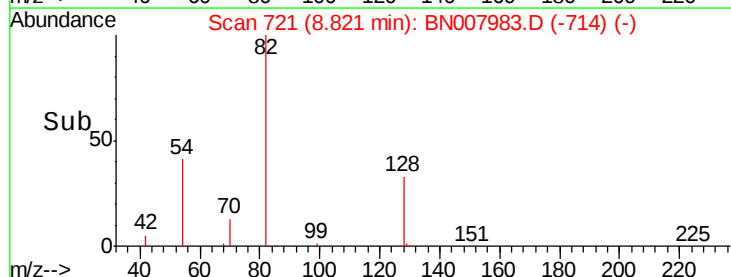
54 42.2 35.2 52.8



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: 0.425 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

Instrument :

BNA_N

ClientSampleId :

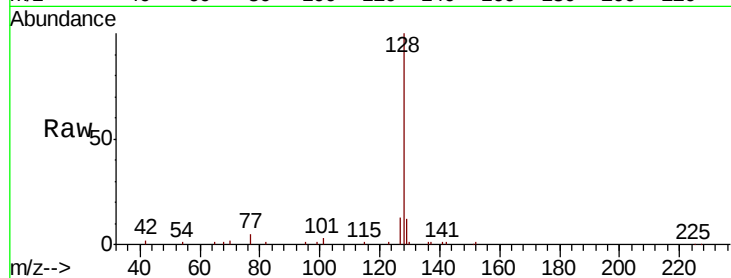
Tot Ion:128 Resp: 25694

Ion Ratio Lower Upper

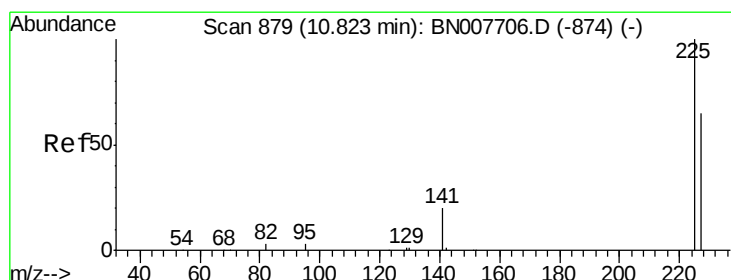
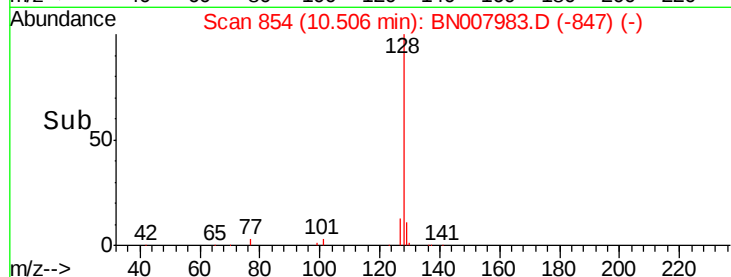
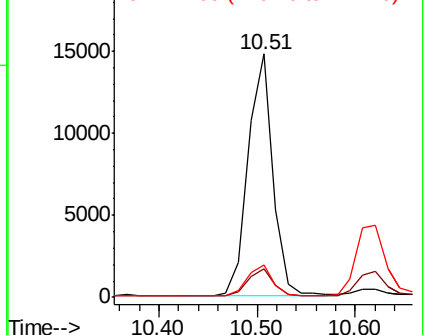
128 100

129 11.7 9.1 13.7

127 13.4 10.6 15.8



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: 0.438 ng

RT: 10.80 min Scan# 877

Delta R.T. -0.03 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

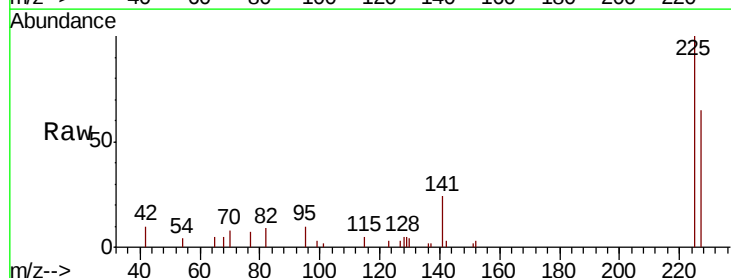
Tgt Ion:225 Resp: 5583

Ion Ratio Lower Upper

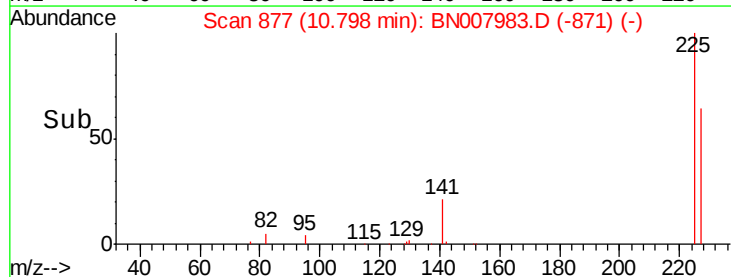
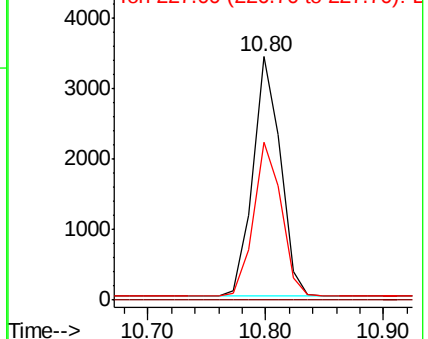
225 100

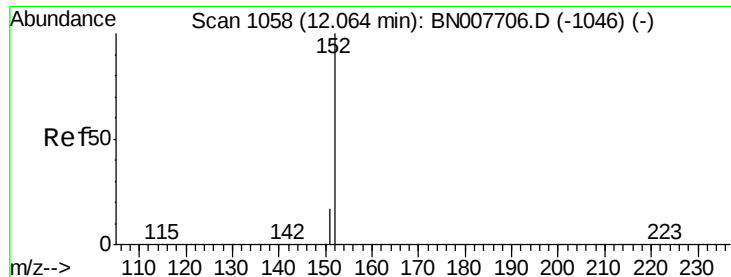
223 0.0 0.0 0.0

227 64.6 51.2 76.8



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

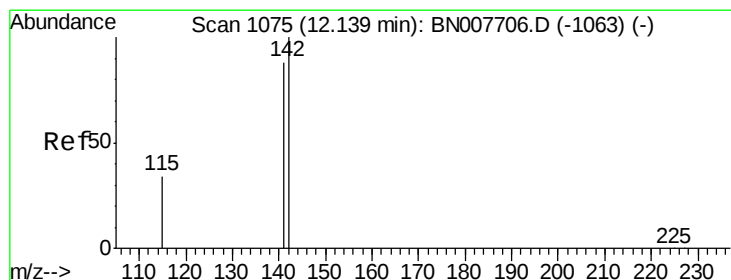
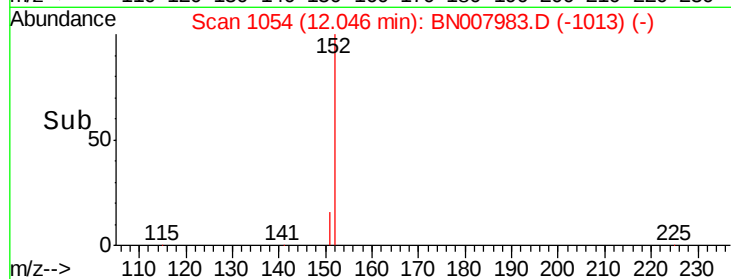
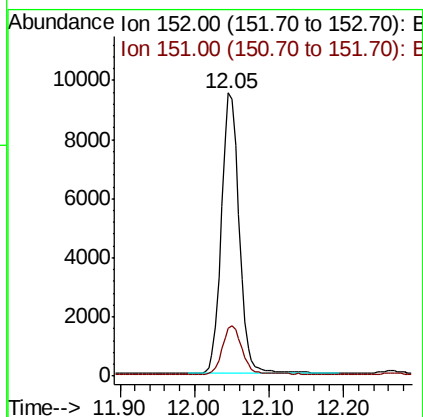
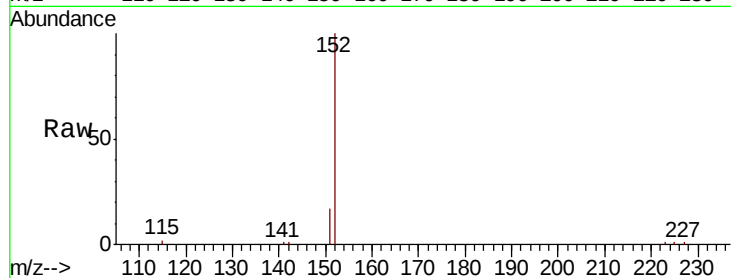




#11
 2-Methylnaphthalene-d10
 Concen: 0.436 ng
 RT: 12.05 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BN007983.D
 Acq: 03 Oct 2019 01:40

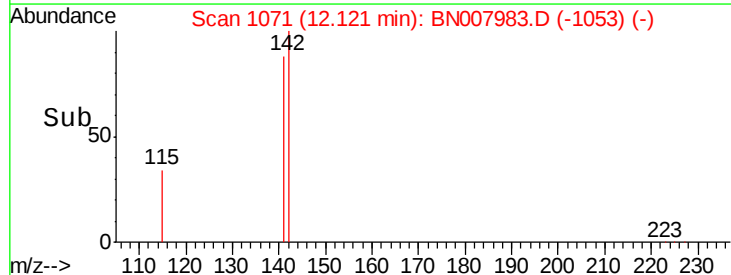
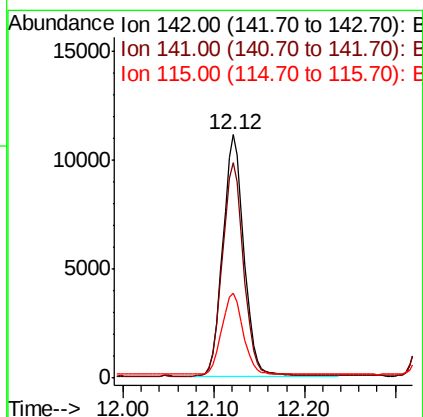
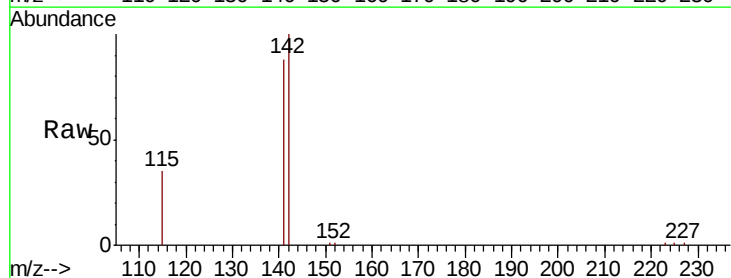
Instrument :
 BNA_N
 ClientSampled :

Tot Ion:152 Resp: 15846
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.435 ng
 RT: 12.12 min Scan# 1071
 Delta R.T. -0.02 min
 Lab File: BN007983.D
 Acq: 03 Oct 2019 01:40

Tgt Ion:142 Resp: 17805
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.6 106.0
 115 34.9 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

Instrument :

BNA_N

ClientSampleId :

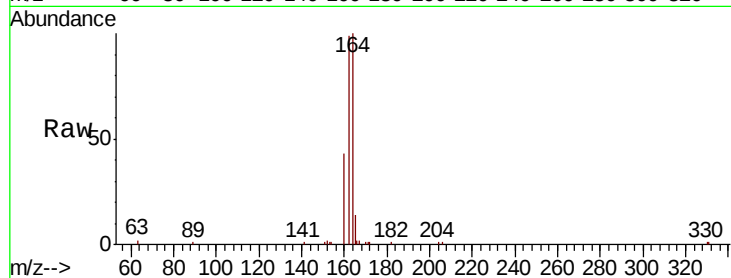
Tot Ion:164 Resp: 13474

Ion Ratio Lower Upper

164 100

162 98.8 81.7 122.5

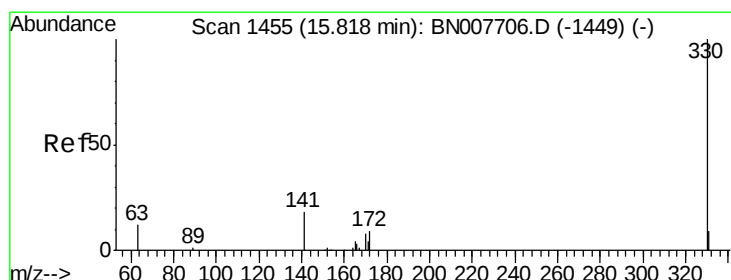
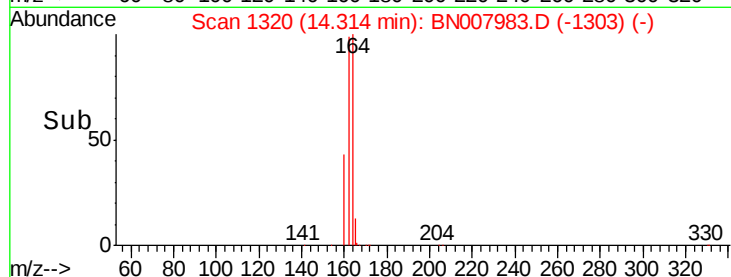
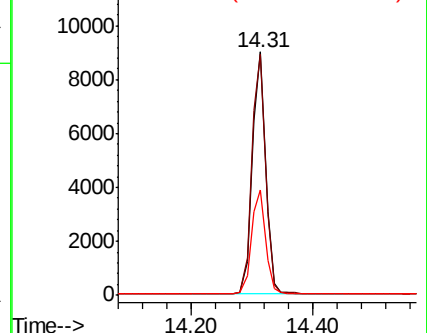
160 43.1 37.0 55.4



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: 0.394 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

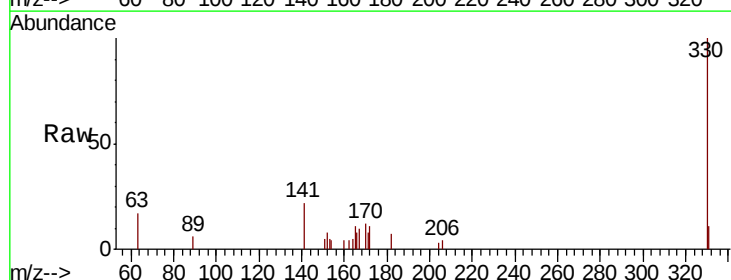
Tgt Ion:330 Resp: 2889

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

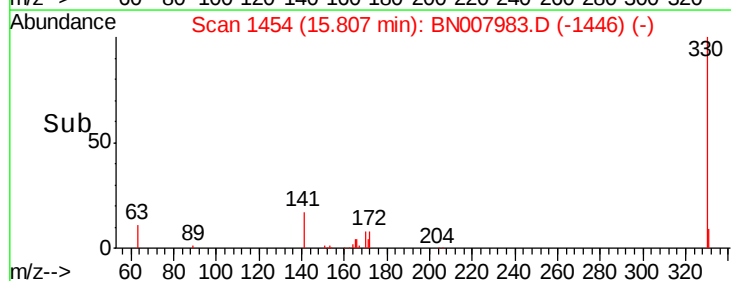
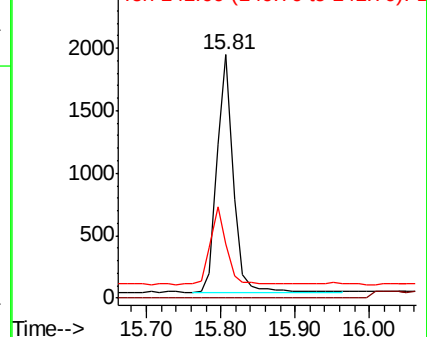
141 31.8 28.7 43.1



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

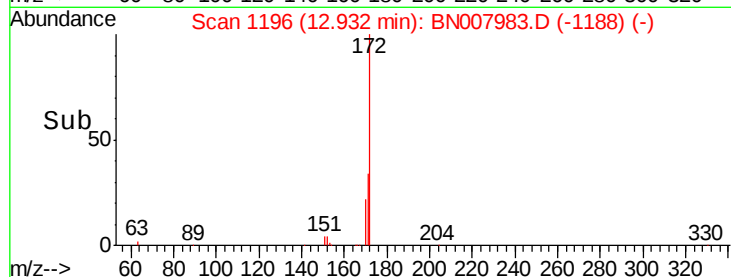
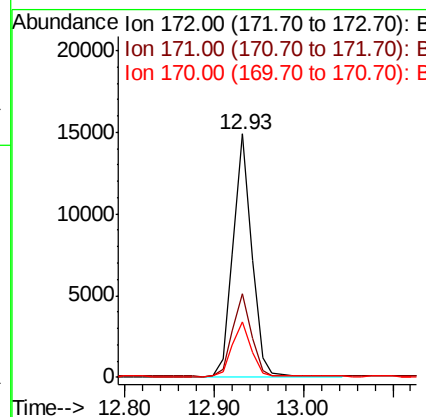
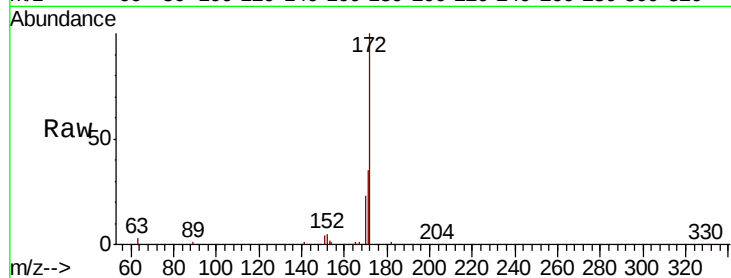




#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007983.D
Acq: 03 Oct 2019 01:40

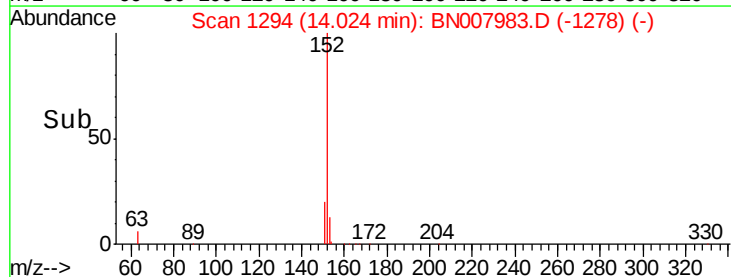
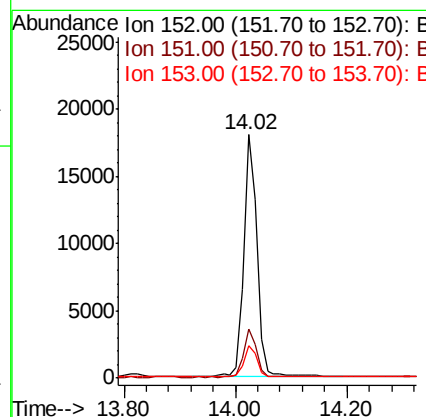
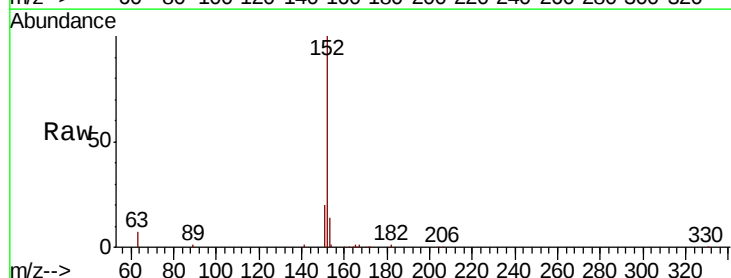
Instrument :
BNA_N
ClientSampleId :

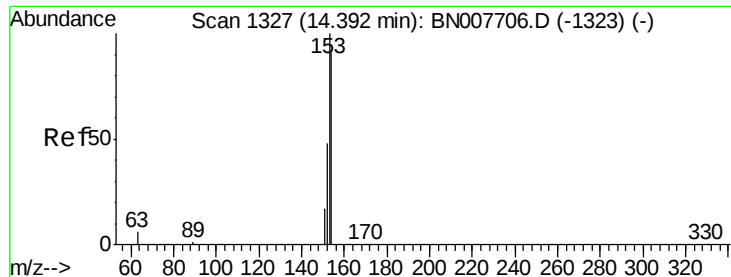
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.8	43.2
170	22.7	19.5	29.3



#16
Acenaphthylene
Concen: 0.397 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007983.D
Acq: 03 Oct 2019 01:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.1	10.4	15.6





#17

Acenaphthene

Concen: 0.378 ng

RT: 14.37 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

Instrument :

BNA_N

ClientSampleId :

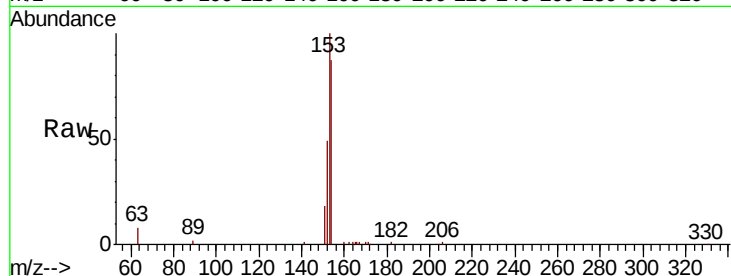
Tot Ion:154 Resp: 17403

Ion Ratio Lower Upper

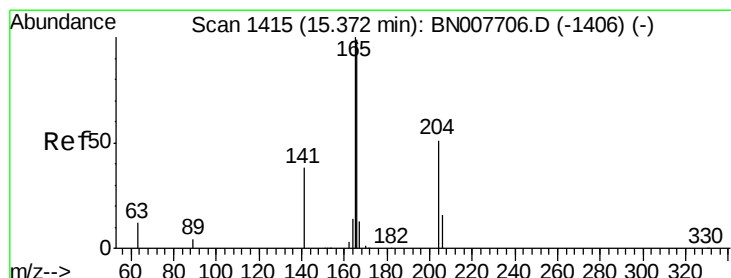
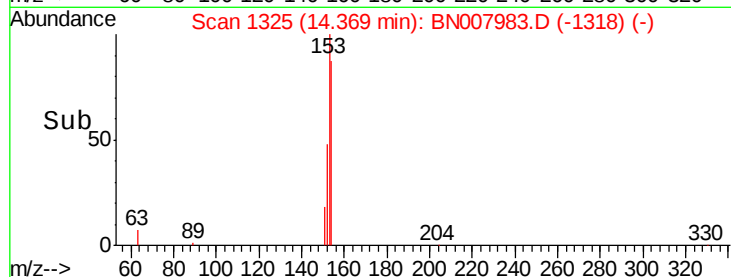
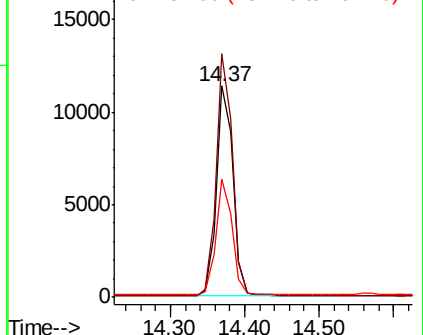
154 100

153 112.5 87.0 130.4

152 53.9 42.7 64.1



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: 0.379 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

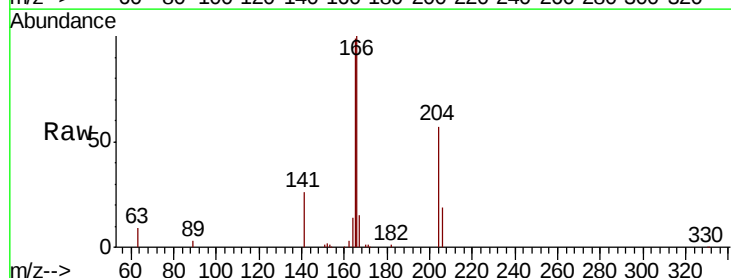
Tgt Ion:166 Resp: 22365

Ion Ratio Lower Upper

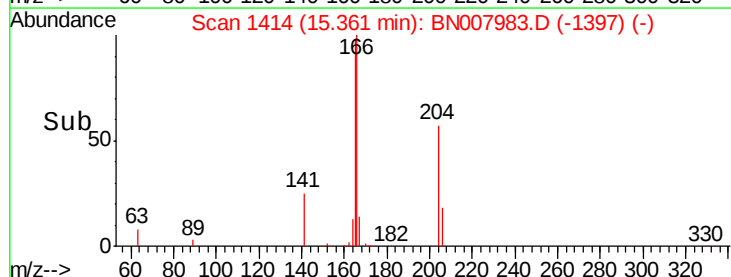
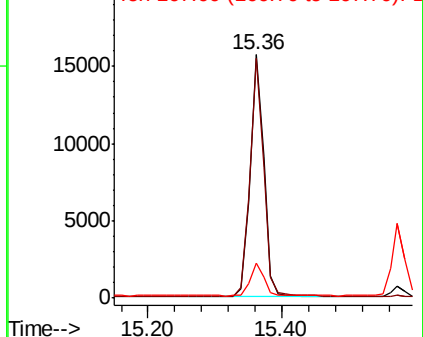
166 100

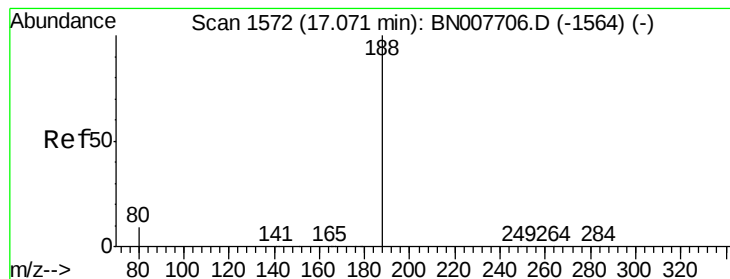
165 98.2 78.0 117.0

167 13.8 10.9 16.3



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: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

Instrument :

BNA_N

ClientSampled :

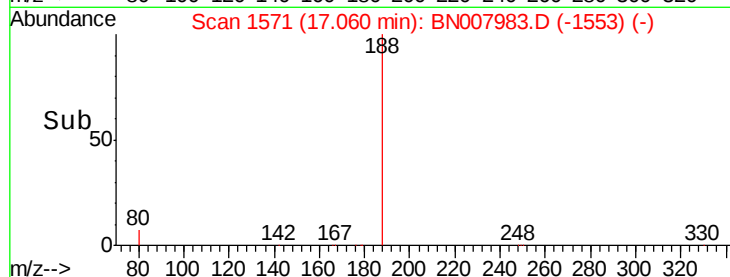
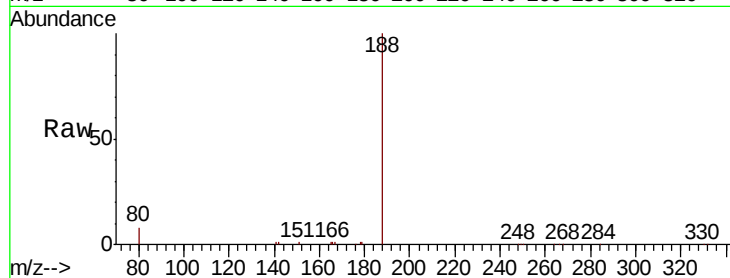
Tot Ion:188 Resp: 28156

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

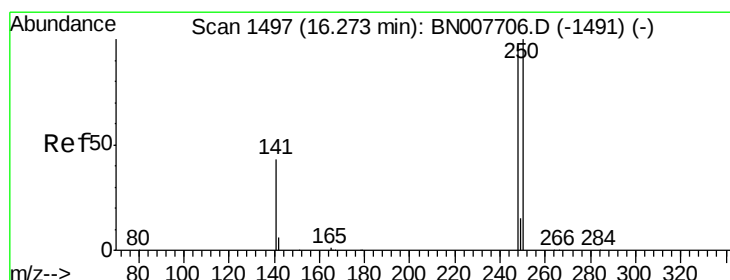
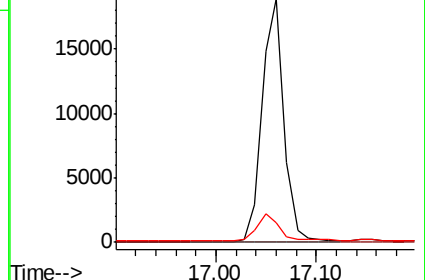
80 8.3 7.4 11.2



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: 0.424 ng

RT: 16.25 min Scan# 1495

Delta R.T. -0.02 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

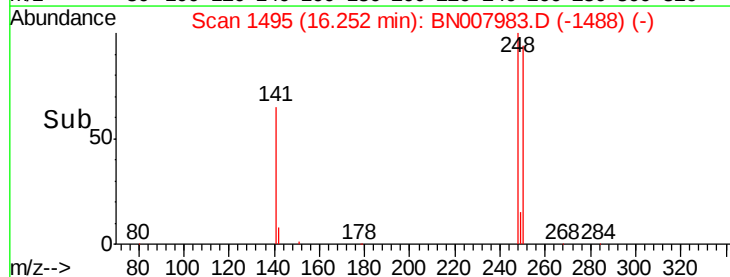
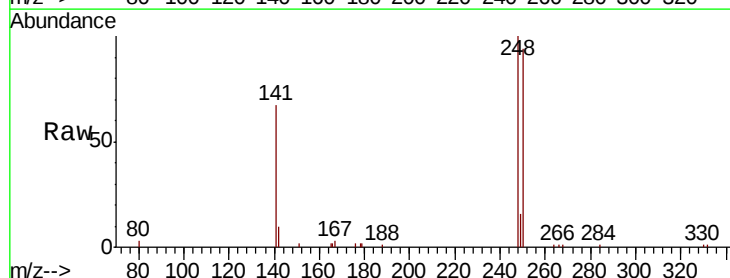
Tgt Ion:248 Resp: 7242

Ion Ratio Lower Upper

248 100

250 94.1 82.2 123.4

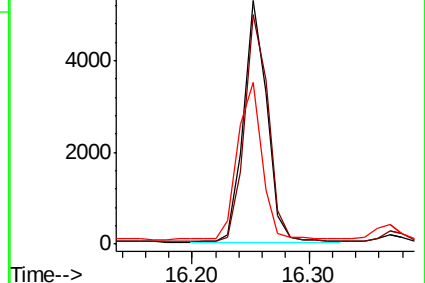
141 66.6 36.3 54.5#

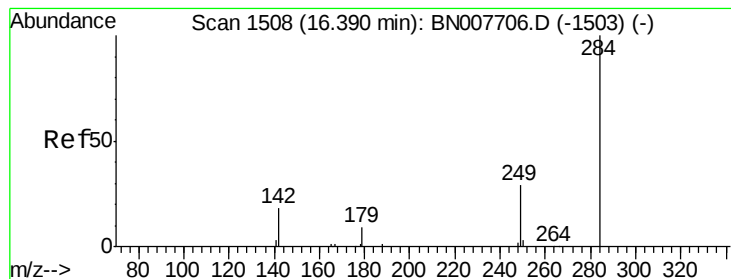


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.447 ng

RT: 16.37 min Scan# 1506

Delta R.T. -0.02 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

Instrument :

BNA_N

ClientSampleId :

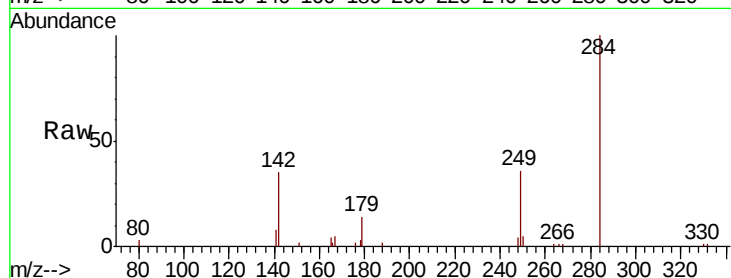
Tot Ion:284 Resp: 8358

Ion Ratio Lower Upper

284 100

142 30.2 25.8 38.6

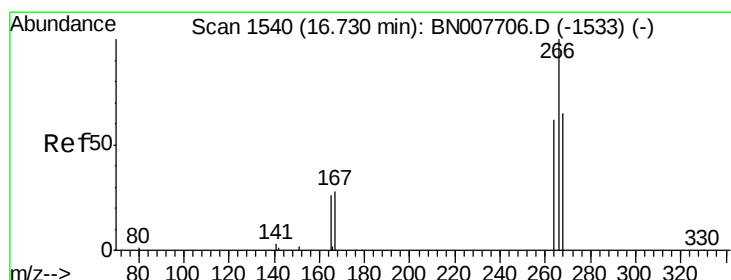
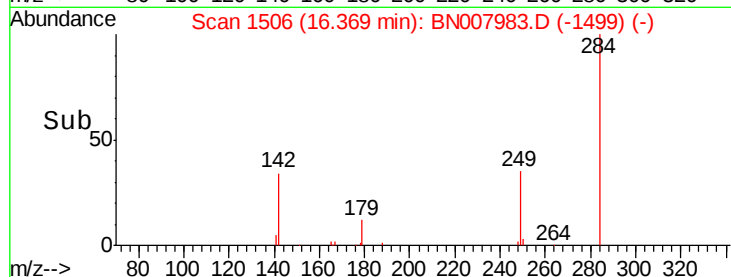
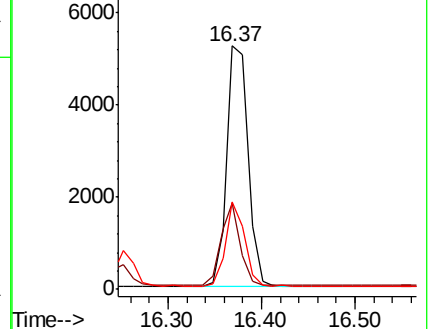
249 31.4 25.9 38.9



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: 0.472 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

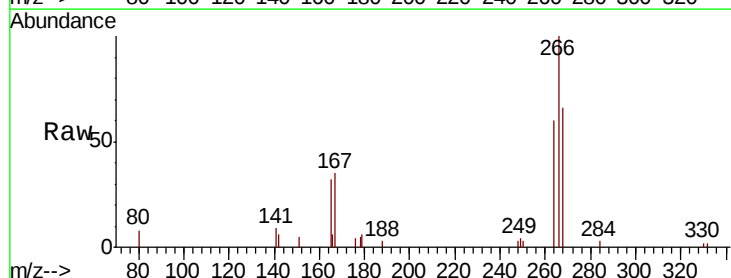
Tgt Ion:266 Resp: 3254

Ion Ratio Lower Upper

266 100

264 60.1 50.0 75.0

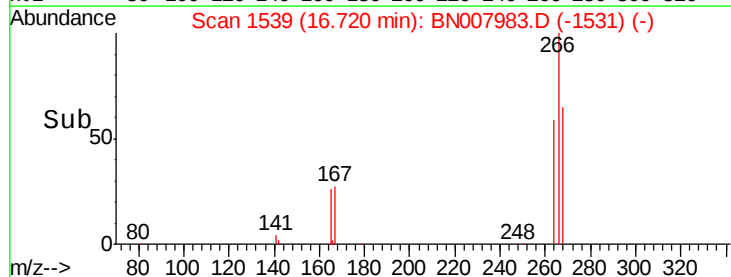
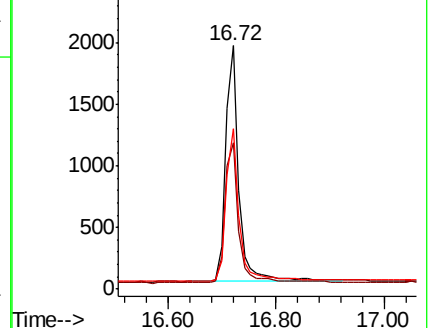
268 66.0 54.2 81.4

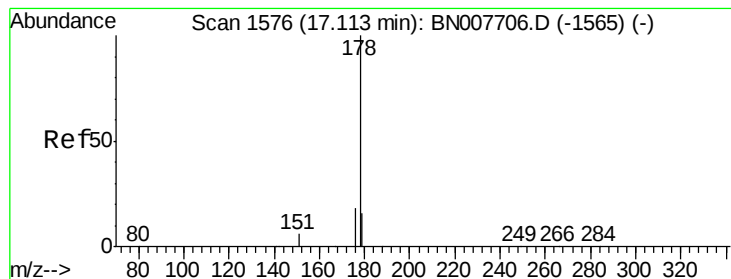


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.418 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

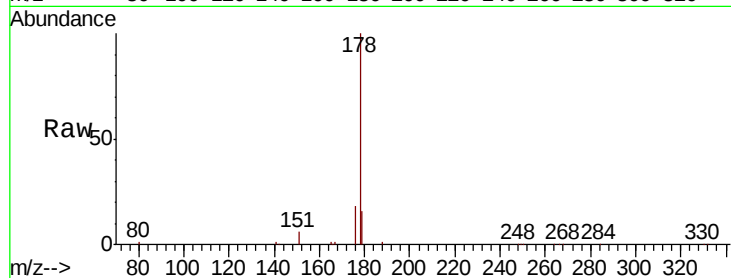
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 36705

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.5	12.5	18.7

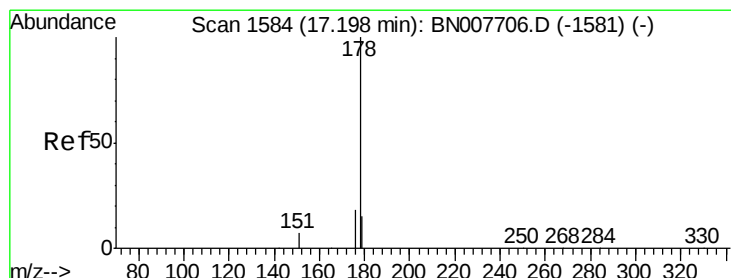
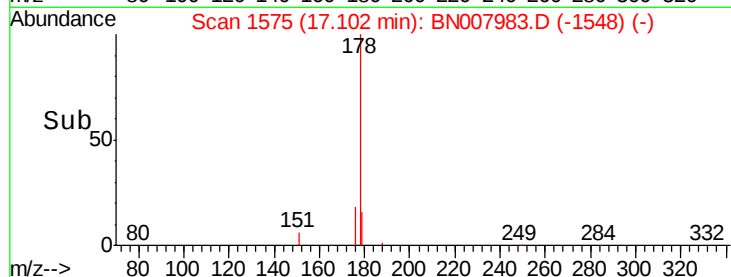
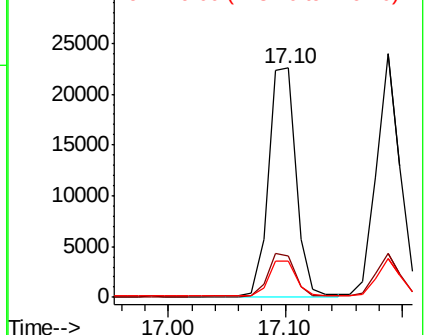


Abundance

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



#24

Anthracene

Concen: 0.431 ng

RT: 17.19 min Scan# 1583

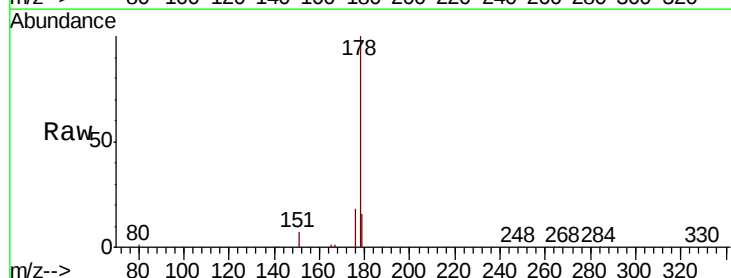
Delta R.T. -0.01 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

Tgt Ion:178 Resp: 34109

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	15.4	12.2	18.4

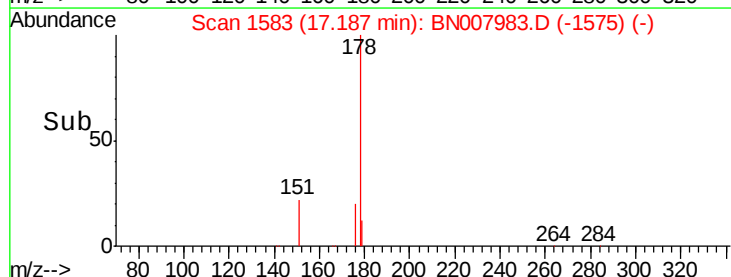
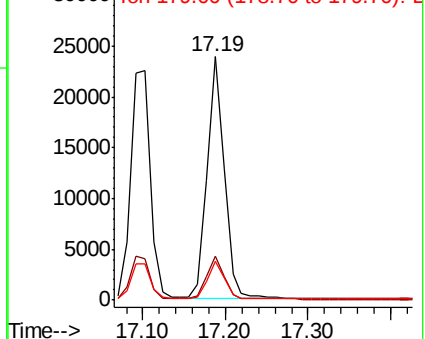


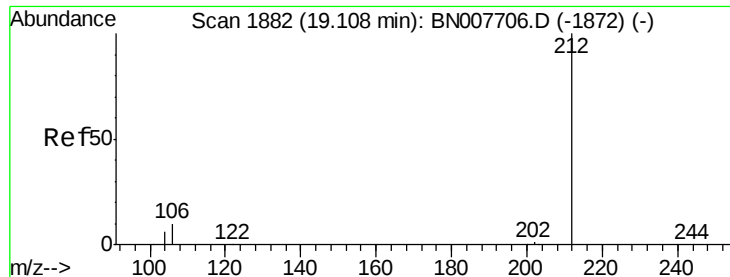
Abundance

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

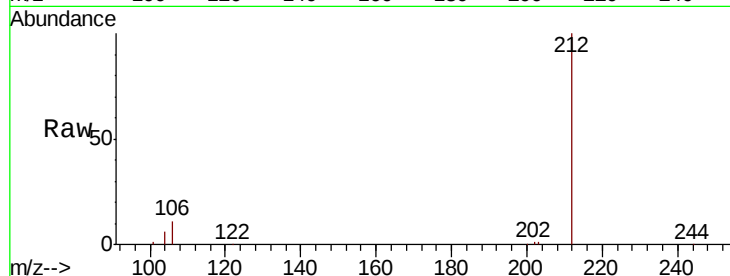




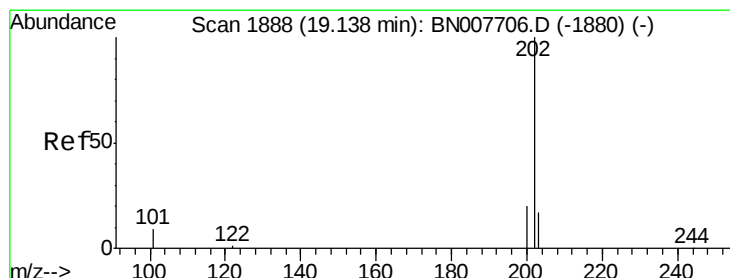
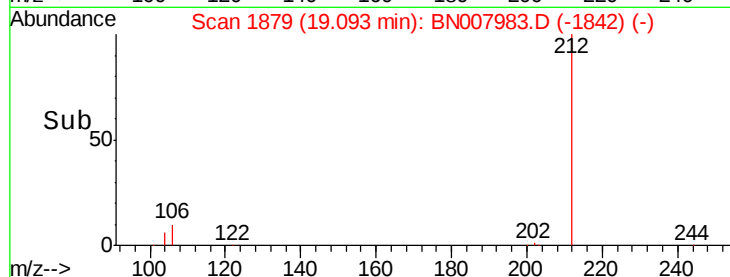
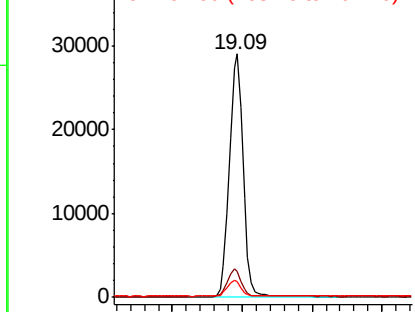
#25
 Fluoranthene-d10
 Concen: 0.419 ng
 RT: 19.09 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BN007983.D
 Acq: 03 Oct 2019 01:40

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:212 Resp: 39743
 Ion Ratio Lower Upper
 212 100
 106 11.3 9.4 14.0
 104 6.4 5.3 7.9

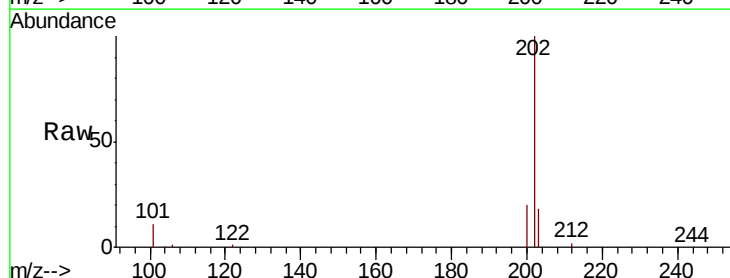


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

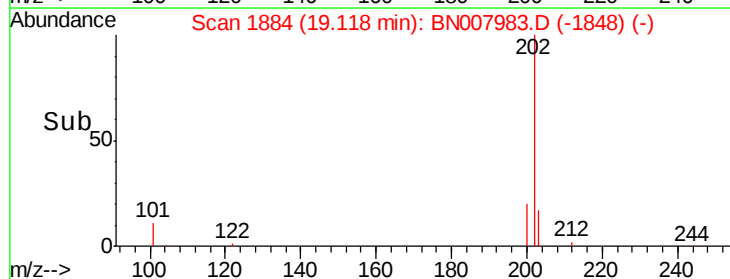
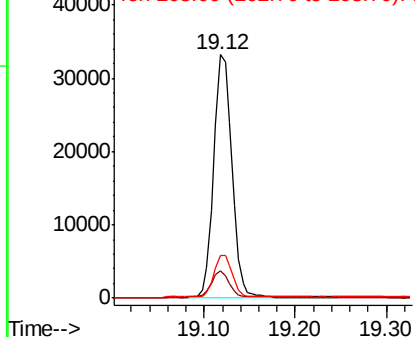


#26
 Fluoranthene
 Concen: 0.414 ng
 RT: 19.12 min Scan# 1884
 Delta R.T. -0.02 min
 Lab File: BN007983.D
 Acq: 03 Oct 2019 01:40

Tgt Ion:202 Resp: 45181
 Ion Ratio Lower Upper
 202 100
 101 10.2 8.4 12.6
 203 17.3 13.8 20.8



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

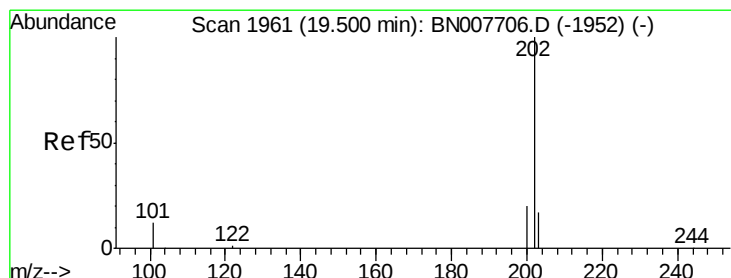
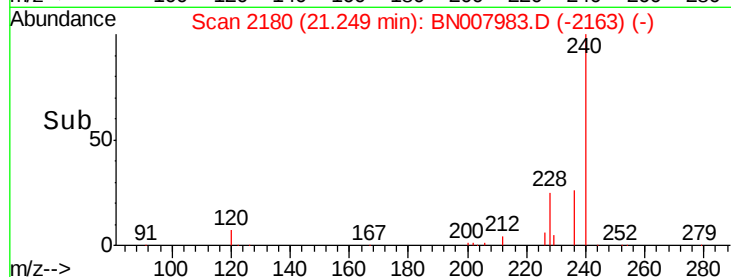
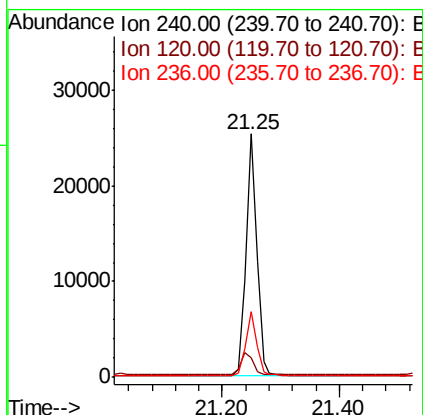
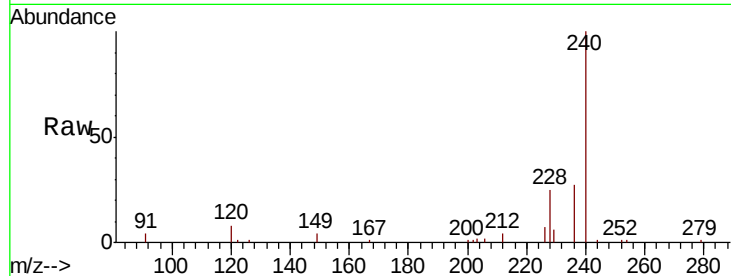




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN007983.D
Acq: 03 Oct 2019 01:40

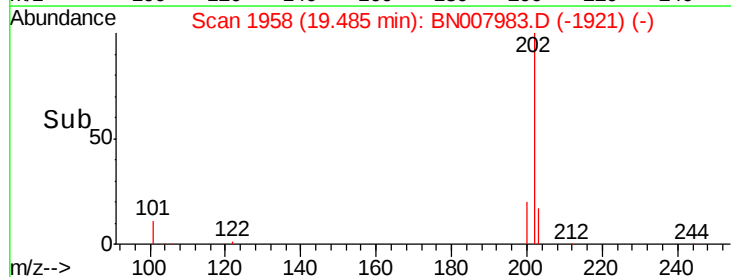
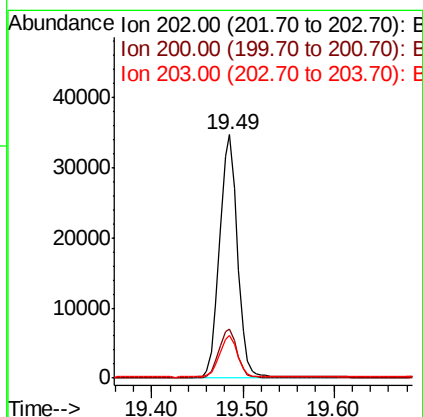
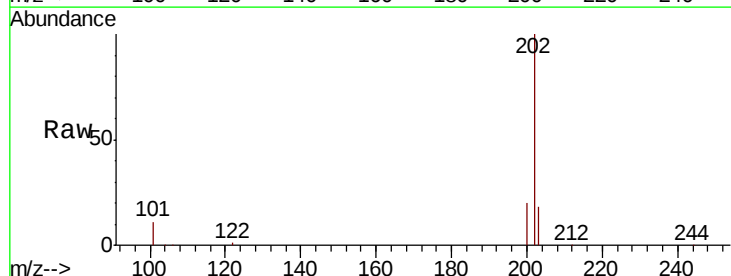
Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 32392
Ion Ratio Lower Upper
240 100
120 8.3 5.4 8.2#
236 26.8 21.0 31.4



#28
Pyrene
Concen: 0.422 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BN007983.D
Acq: 03 Oct 2019 01:40

Tgt Ion:202 Resp: 46599
Ion Ratio Lower Upper
202 100
200 20.4 16.4 24.6
203 17.6 14.1 21.1





#29

Terphenyl-d14

Concen: 0.426 ng

RT: 19.69 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

Instrument :

BNA_N

ClientSampleId :

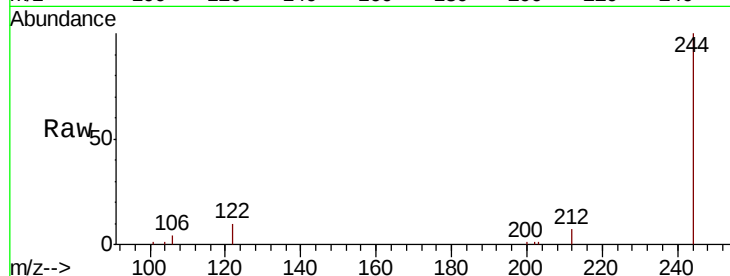
Tot Ion:244 Resp: 33920

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

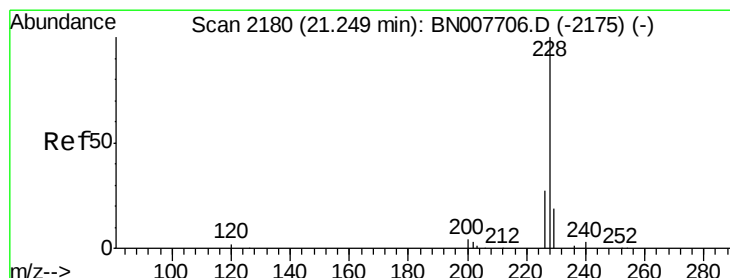
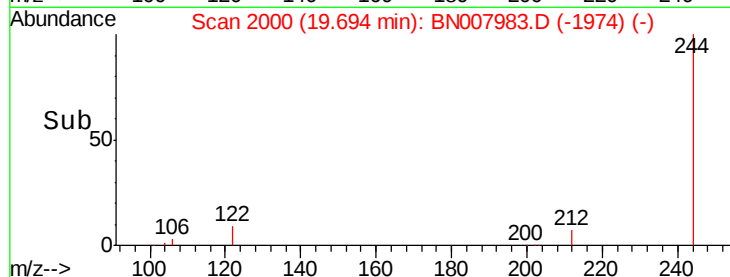
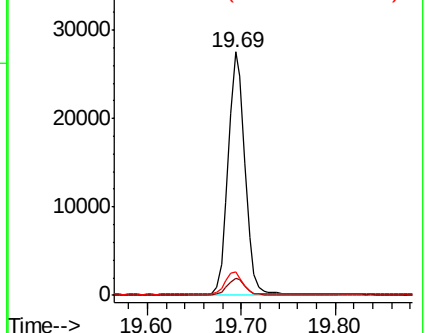
122 9.8 7.4 11.2



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: 0.409 ng

RT: 21.23 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

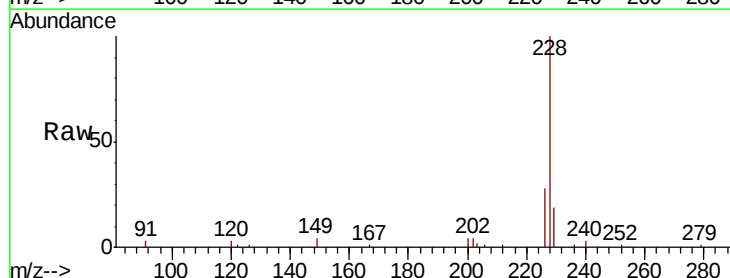
Tgt Ion:228 Resp: 48797

Ion Ratio Lower Upper

228 100

226 27.9 22.1 33.1

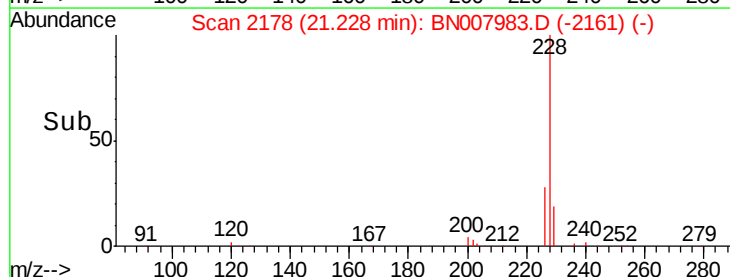
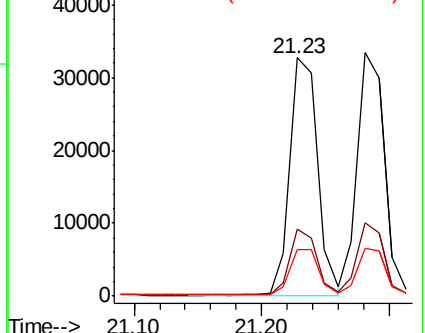
229 19.4 15.8 23.6

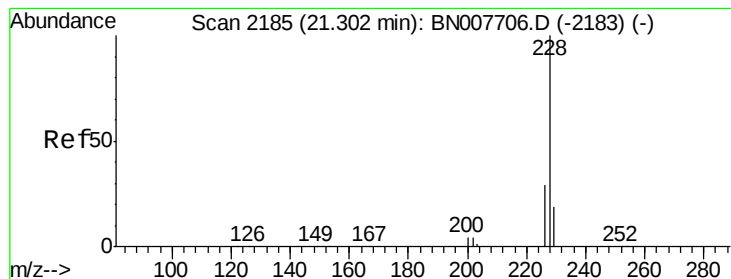


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.419 ng

RT: 21.28 min Scan# 2183

Delta R.T. -0.02 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

Instrument :

BNA_N

ClientSampleId :

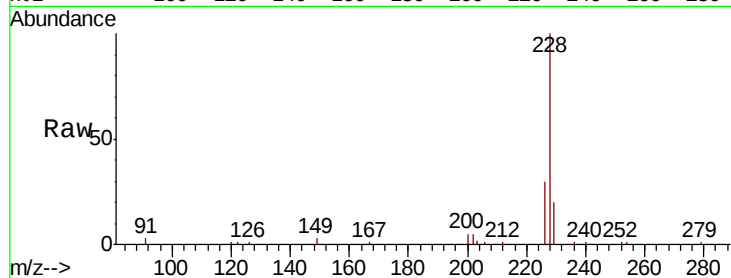
Tot Ion:228 Resp: 48668

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

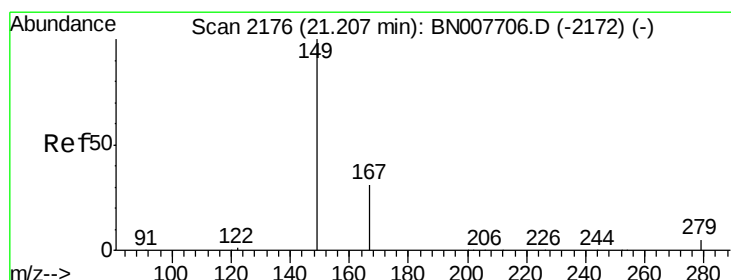
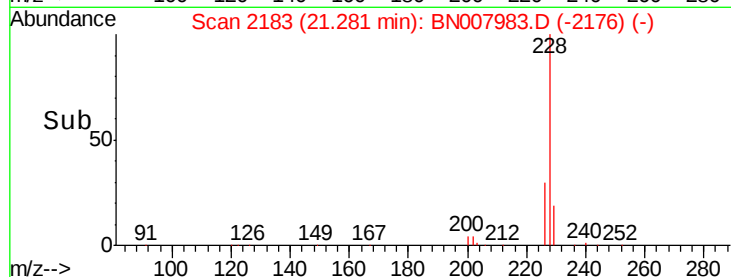
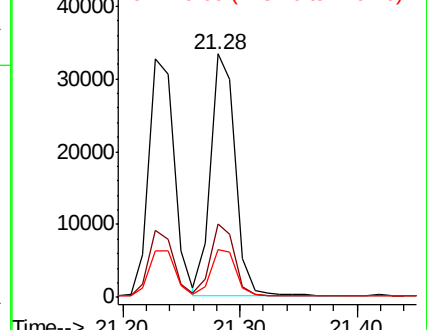
229 19.7 15.8 23.6



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: 0.410 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.03 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

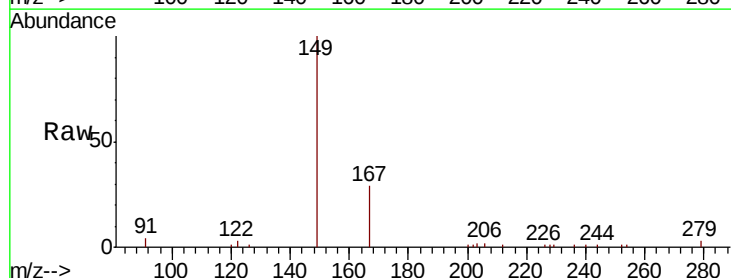
Tgt Ion:149 Resp: 25128

Ion Ratio Lower Upper

149 100

167 29.7 23.7 35.5

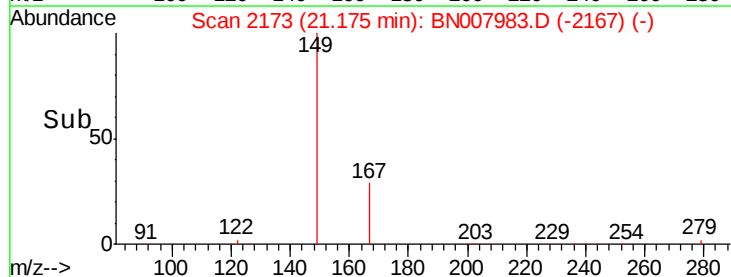
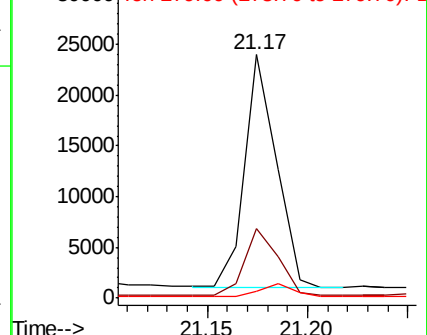
279 5.5 4.2 6.2



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

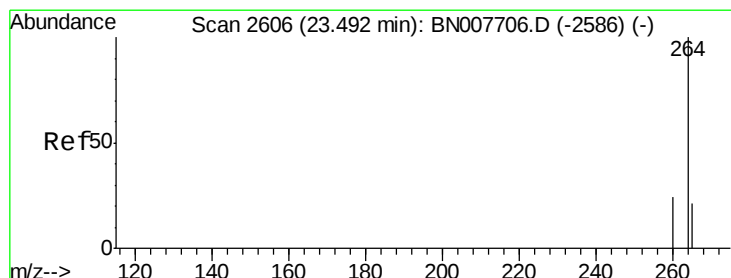
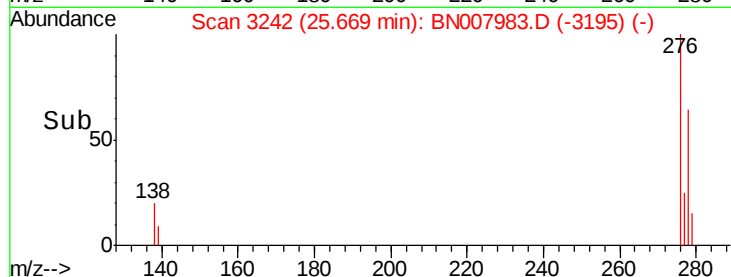
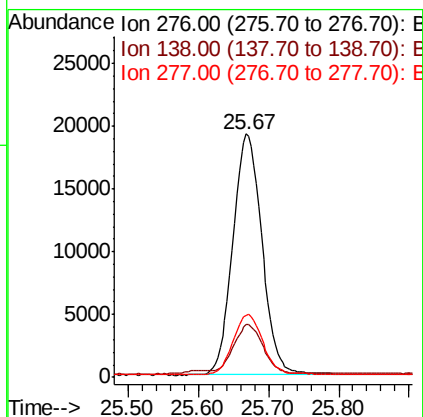
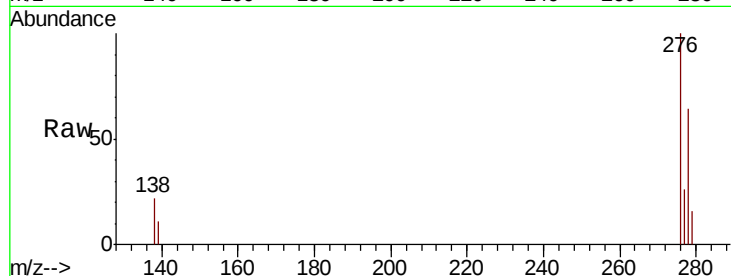




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.382 ng
 RT: 25.67 min Scan# 3242
 Delta R.T. -0.04 min
 Lab File: BN007983.D
 Acq: 03 Oct 2019 01:40

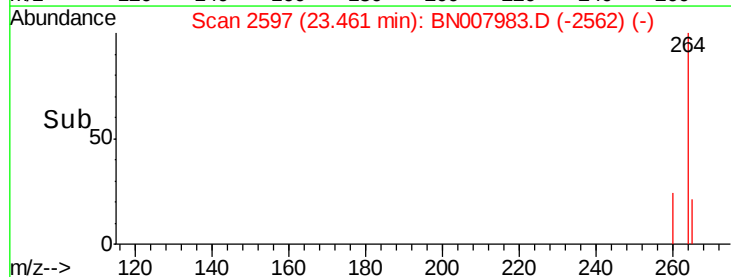
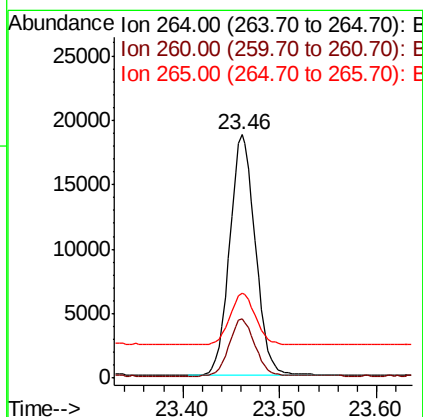
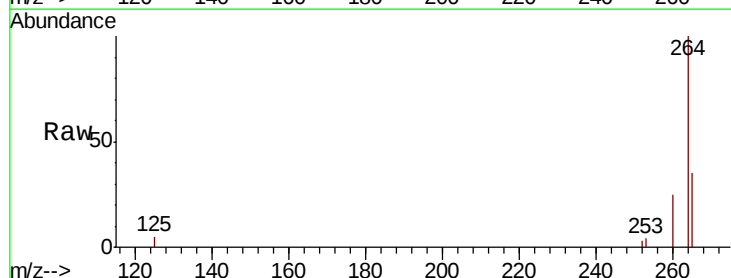
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 55592
 Ion Ratio Lower Upper
 276 100
 138 20.3 17.1 25.7
 277 24.9 20.0 30.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.46 min Scan# 2597
 Delta R.T. -0.03 min
 Lab File: BN007983.D
 Acq: 03 Oct 2019 01:40

Tgt Ion:264 Resp: 34571
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.3 28.9
 265 34.7 26.9 40.3





#35

Benzo(b)fluoranthene

Concen: 0.398 ng

RT: 22.84 min Scan# 2417

Delta R.T. 0.02 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

Instrument :

BNA_N

ClientSampleId :

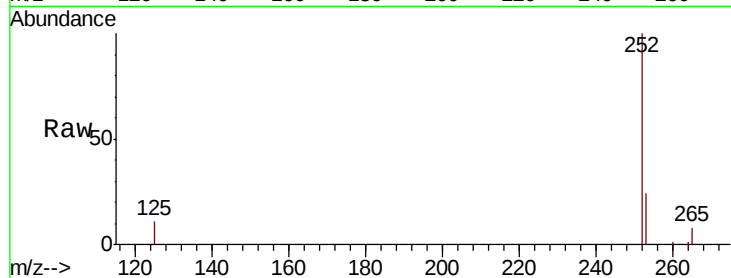
Tot Ion:252 Resp: 47782

Ion Ratio Lower Upper

252 100

253 23.7 18.3 27.5

125 11.3 8.2 12.4

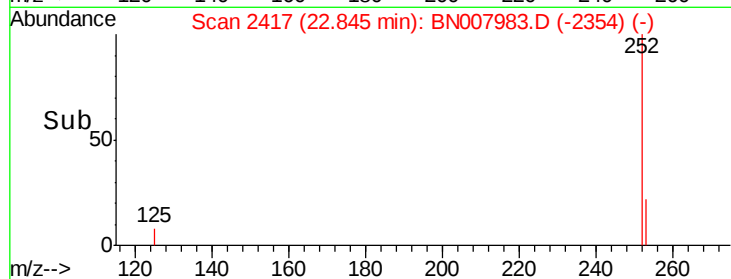
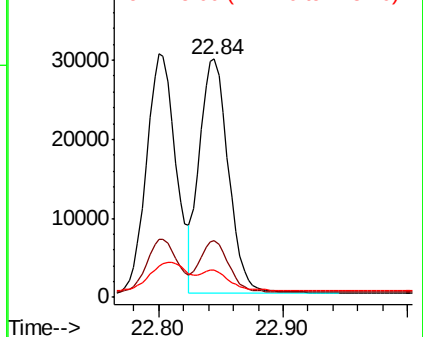


Abundance

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: 0.403 ng

RT: 22.84 min Scan# 2417

Delta R.T. -0.03 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

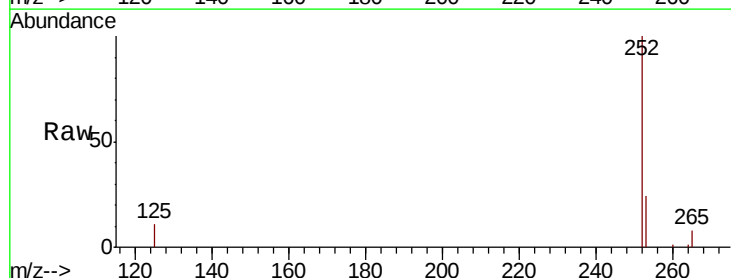
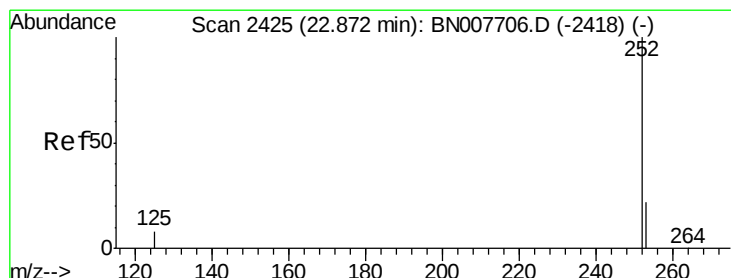
Tgt Ion:252 Resp: 47782

Ion Ratio Lower Upper

252 100

253 23.7 18.5 27.7

125 11.3 8.4 12.6

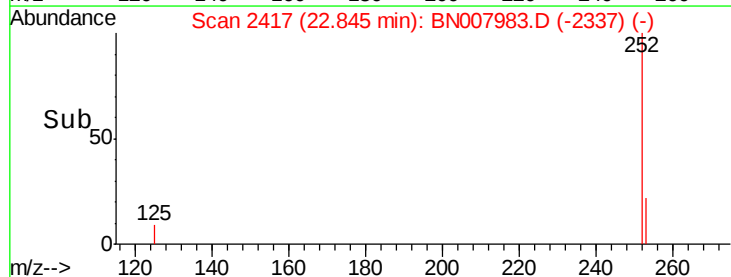
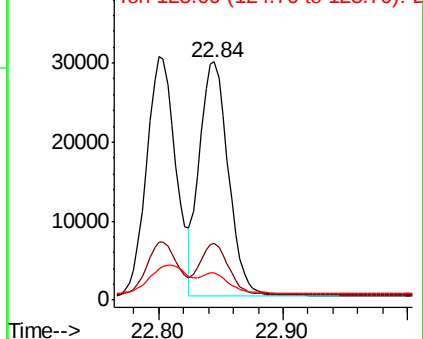


Abundance

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: 0.411 ng

RT: 23.36 min Scan# 2569

Delta R.T. -0.03 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

Instrument :

BNA_N

ClientSampleId :

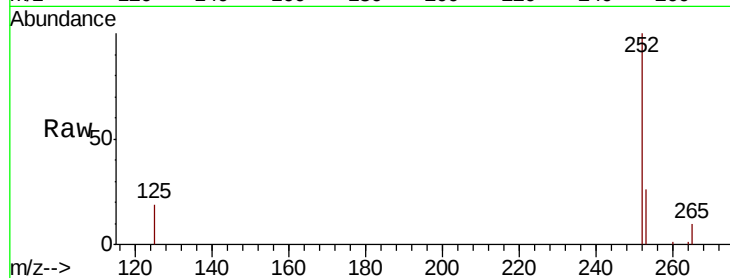
Tot Ion:252 Resp: 46311

Ion Ratio Lower Upper

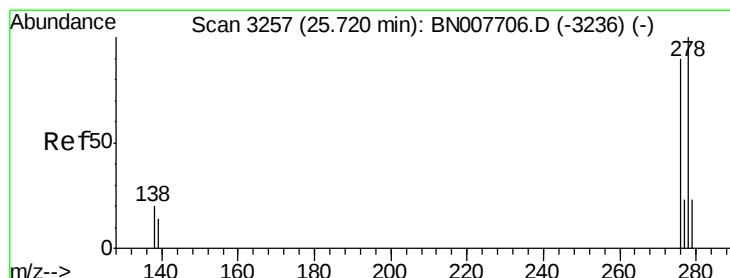
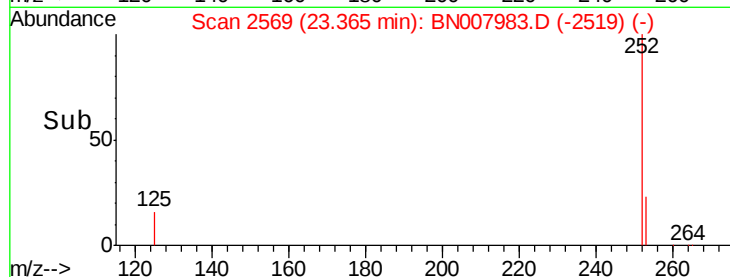
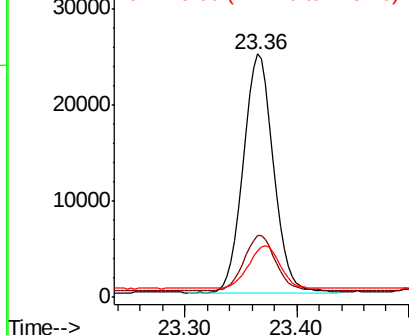
252 100

253 25.5 18.6 27.8

125 19.2 9.4 14.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.393 ng

RT: 25.68 min Scan# 3246

Delta R.T. -0.04 min

Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

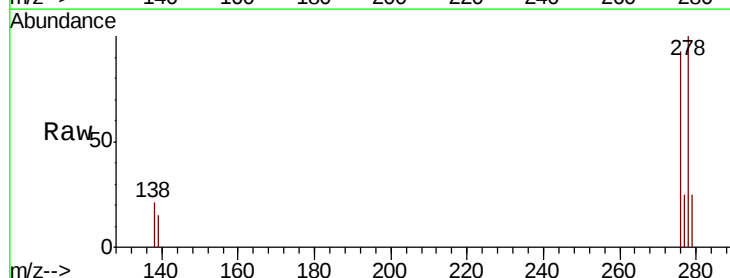
Tgt Ion:278 Resp: 45371

Ion Ratio Lower Upper

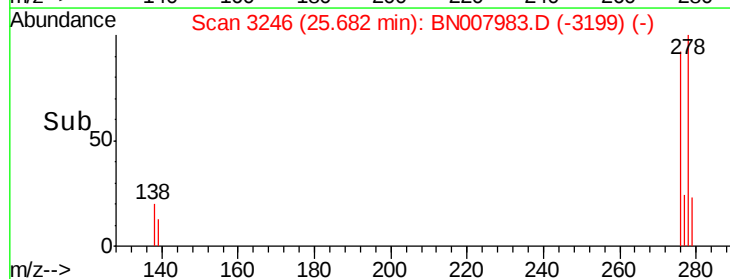
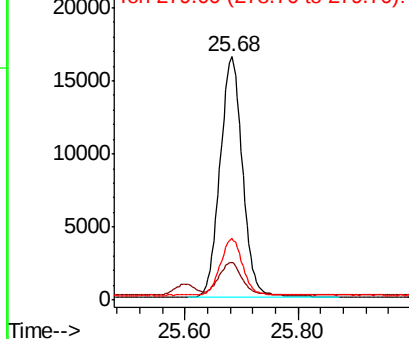
278 100

139 15.4 11.8 17.6

279 25.2 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.397 ng

RT: 26.34 min Scan# 3438

Delta R.T. -0.04 min

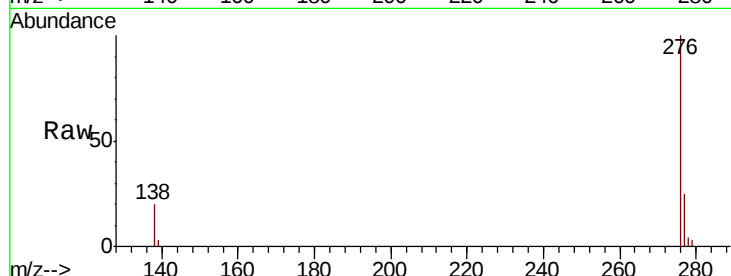
Lab File: BN007983.D

Acq: 03 Oct 2019 01:40

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 45281

Ion Ratio Lower Upper

276 100

277 25.4 19.8 29.8

138 19.5 15.1 22.7

