

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081319\
 Data File : BN007144.D
 Acq On : 13 Aug 2019 22:31
 Operator : HP/JU
 Sample : PB122017BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 14 03:14:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 12:12:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	8276	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	32302	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	18129	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	41580	0.40	ng	0.00
26) Chrysene-d12	21.05	240	41136	0.40	ng	-0.01
32) Perylene-d12	23.16	264	44649	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	7573	0.38	ng	0.00
4) Phenol-d6	6.61	99	10083	0.41	ng	0.00
7) Nitrobenzene-d5	8.56	82	8109	0.31	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	24560	0.41	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	2359	0.24	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	4376	0.17	ng	0.00
24) Fluoranthene-d10	18.87	212	44271	0.30	ng	0.00
28) Terphenyl-d14	19.49	244	34805	0.31	ng	0.00

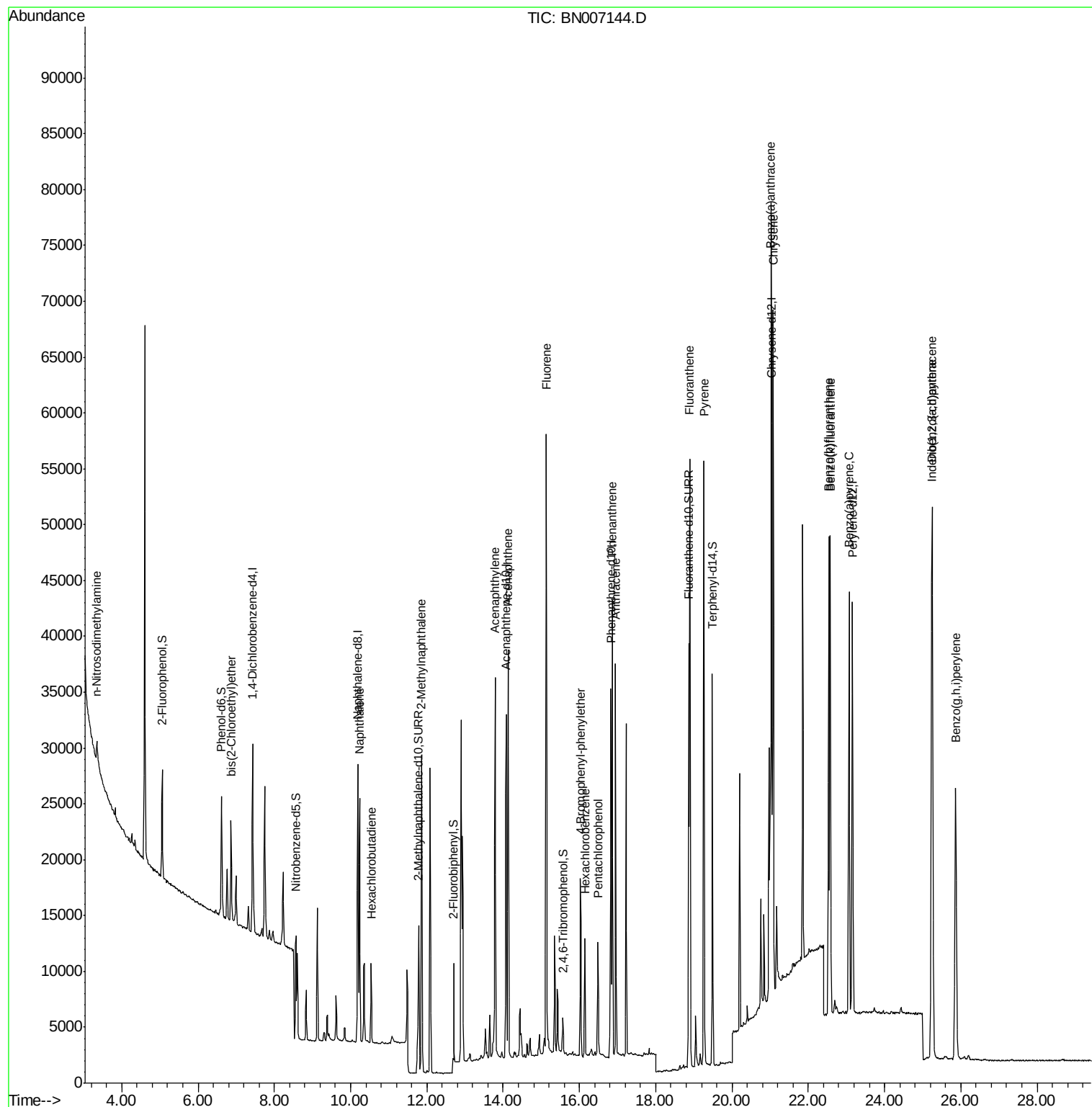
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.35	42	1885	0.346	ng	# 99
5) bis(2-Chloroethyl)ether	6.87	93	7407	0.340	ng	98
8) Naphthalene	10.24	128	28423	0.314	ng	99
9) Hexachlorobutadiene	10.54	225	5720	0.296	ng	# 100
11) 2-Methylnaphthalene	11.87	142	20835	0.325	ng	98
15) Acenaphthylene	13.79	152	42268	0.446	ng	99
16) Acenaphthene	14.13	154	19275	0.318	ng	99
17) Fluorene	15.14	166	27927	0.307	ng	100
19) 4-Bromophenyl-phenylether	16.03	248	8468	0.329	ng	# 84
20) Hexachlorobenzene	16.14	284	8143	0.329	ng	99
21) Pentachlorophenol	16.48	266	4720	0.512	ng	99
22) Phenanthrene	16.87	178	40889	0.328	ng	99
23) Anthracene	16.95	178	38786	0.341	ng	99
25) Fluoranthene	18.90	202	49180	0.309	ng	100
27) Pyrene	19.26	202	50989	0.353	ng	98
29) Benzo(a)anthracene	21.02	228	49775	0.331	ng	95
30) Chrysene	21.08	228	48548	0.332	ng	98
31) Indeno(1,2,3-cd)pyrene	25.24	276	57557	0.357	ng	99
33) Benzo(b)fluoranthene	22.54	252	51692	0.338	ng	97
34) Benzo(k)fluoranthene	22.58	252	49509	0.327	ng	98
35) Benzo(a)pyrene	23.07	252	49230	0.355	ng	98
36) Dibenzo(a,h)anthracene	25.25	278	47625	0.344	ng	96
37) Benzo(g,h,i)perylene	25.87	276	49196	0.345	ng	99

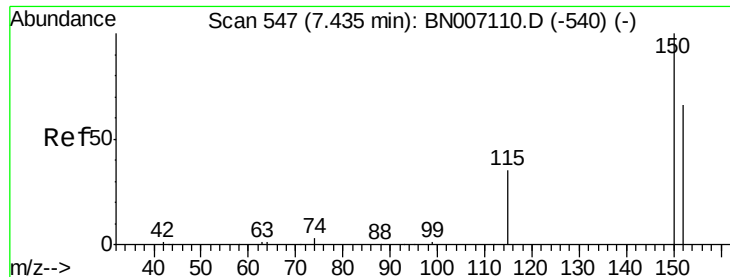
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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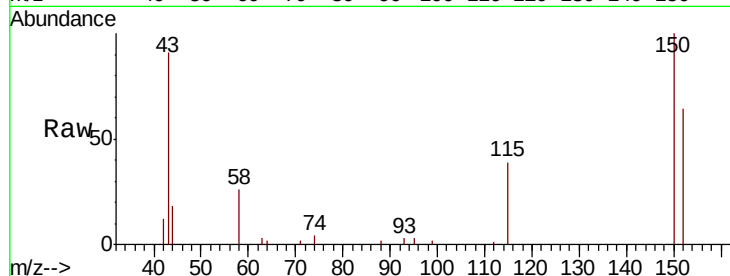


#1

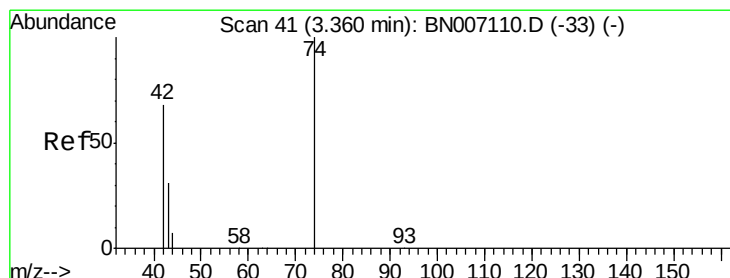
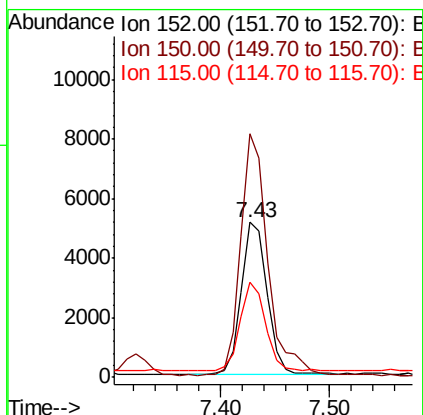
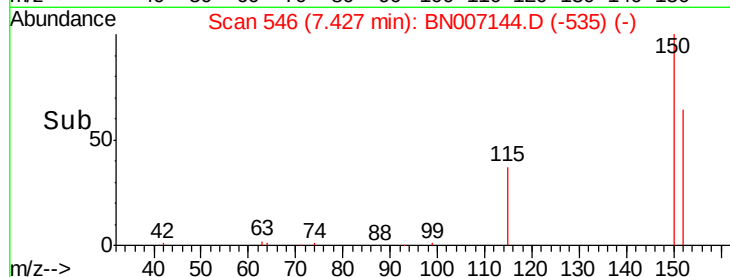
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007144.D
Acq: 13 Aug 2019 22:31

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 8276
Ion Ratio Lower Upper
152 100
150 157.0 121.7 182.5
115 61.5 46.2 69.4



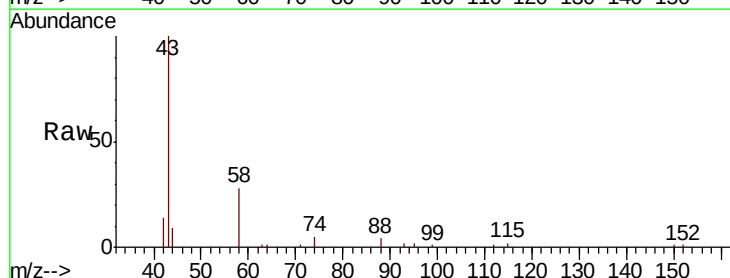
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



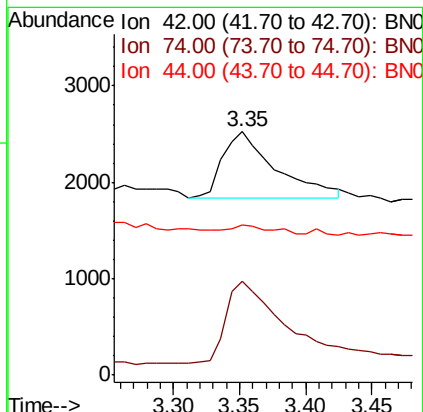
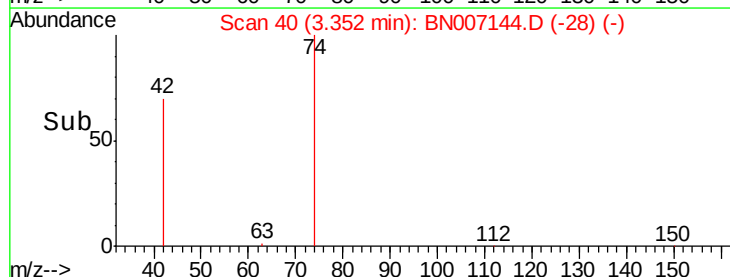
#2

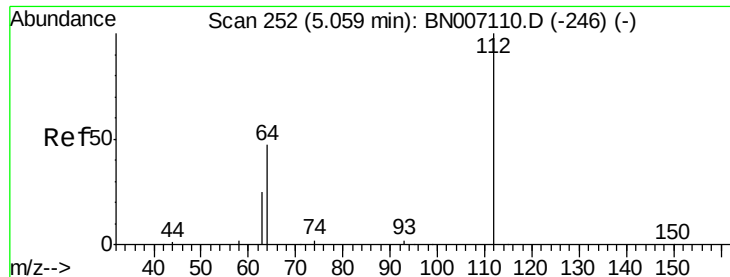
n-Nitrosodimethylamine
Concen: 0.346 ng
RT: 3.35 min Scan# 40
Delta R.T. -0.01 min
Lab File: BN007144.D
Acq: 13 Aug 2019 22:31

Tgt Ion: 42 Resp: 1885
Ion Ratio Lower Upper
42 100
74 139.0 110.6 166.0
44 10.2 0.0 0.0#



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





#3

2-Fluorophenol

Concen: 0.381 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007144.D

Acq: 13 Aug 2019 22:31

Instrument :

BNA_N

ClientSampleId :

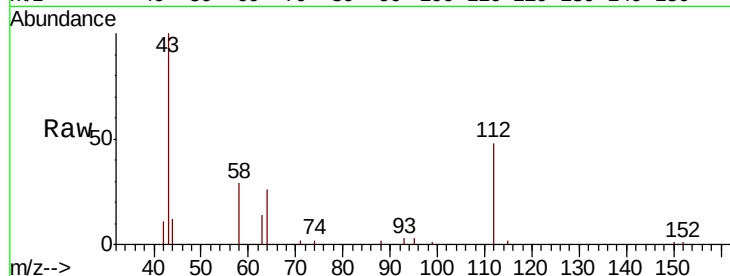
Tot Ion: 112 Resp: 7573

Ion Ratio Lower Upper

112 100

64 52.3 42.6 63.8

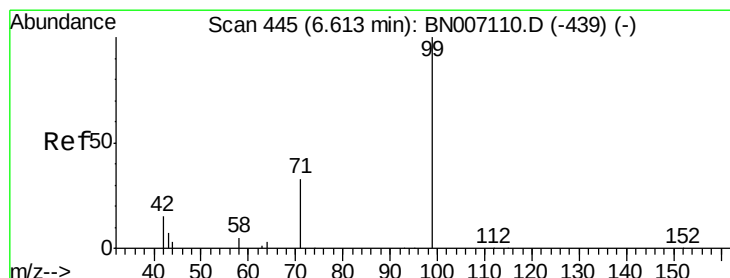
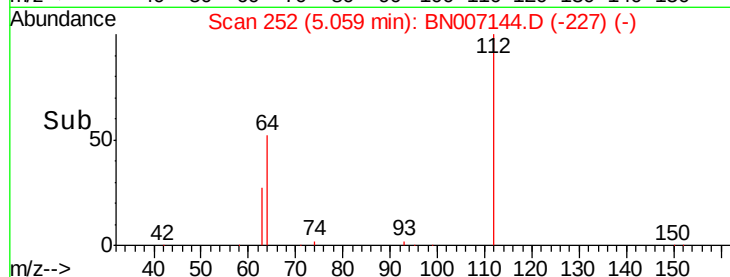
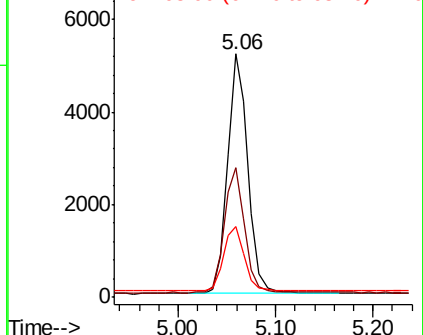
63 27.8 22.2 33.2



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



#4

Phenol-d6

Concen: 0.409 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007144.D

Acq: 13 Aug 2019 22:31

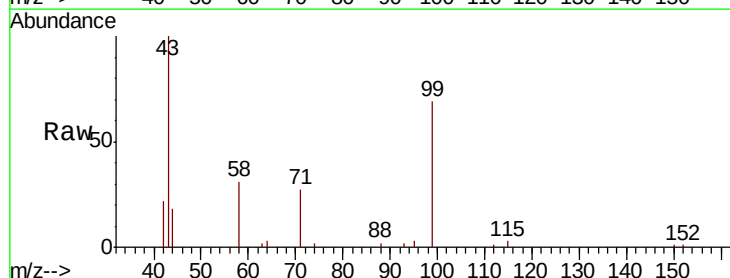
Tgt Ion: 99 Resp: 10083

Ion Ratio Lower Upper

99 100

42 20.0 15.8 23.6

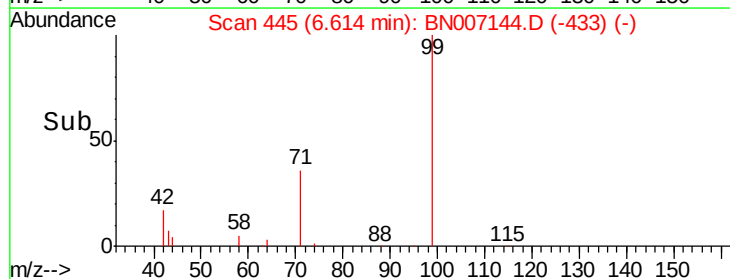
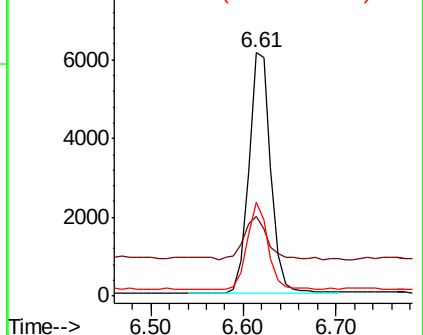
71 34.0 27.0 40.4

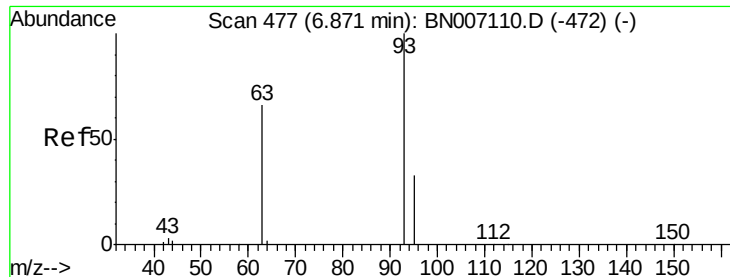


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 0.340 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BN007144.D

Acq: 13 Aug 2019 22:31

Instrument :

BNA_N

ClientSampleId :

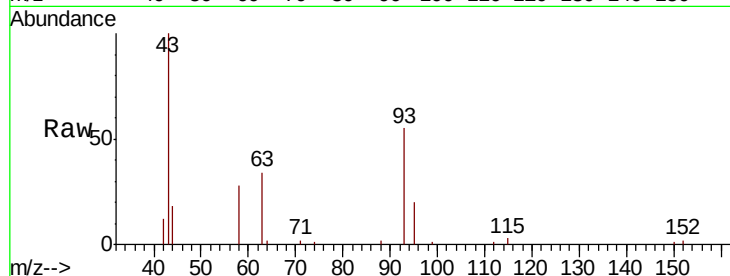
Tot Ion: 93 Resp: 7407

Ion Ratio Lower Upper

93 100

63 68.2 55.6 83.4

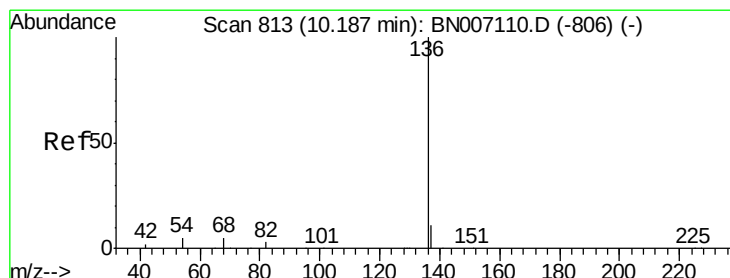
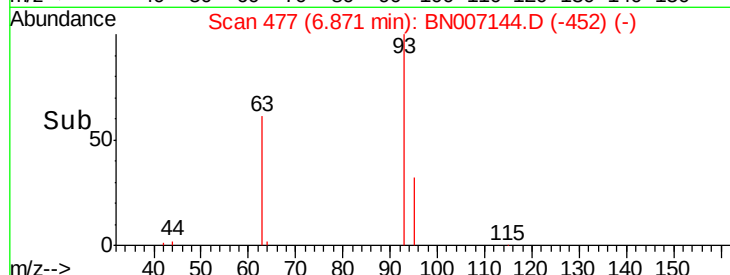
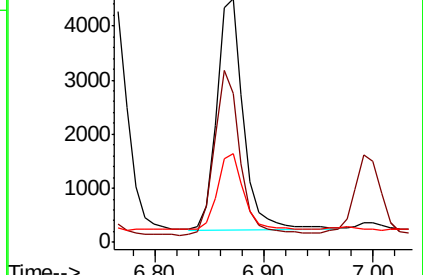
95 32.3 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN007110.D (-472) (-)

Ion 63.00 (62.70 to 63.70): BN007110.D (-472) (-)

Ion 95.00 (94.70 to 95.70): BN007110.D (-472) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007144.D

Acq: 13 Aug 2019 22:31

Tgt Ion: 136 Resp: 32302

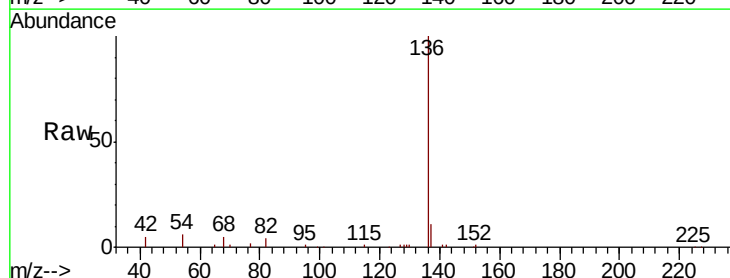
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 6.0 6.6 9.8#

68 5.4 6.0 9.0#

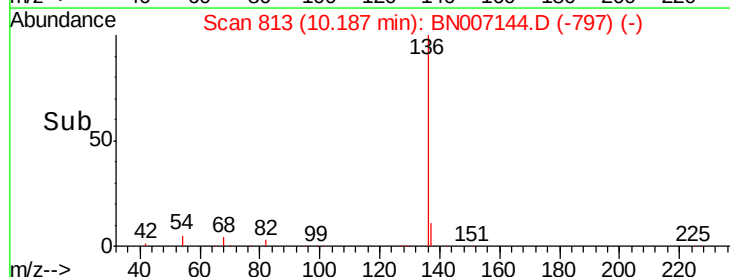
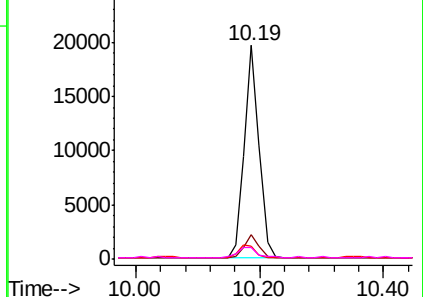


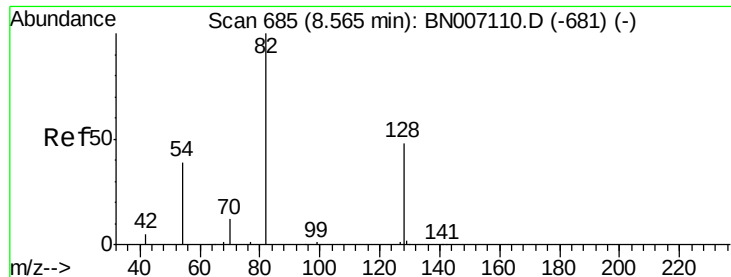
Abundance Ion 136.00 (135.70 to 136.70): BN007110.D (-806) (-)

Ion 137.00 (136.70 to 137.70): BN007110.D (-806) (-)

Ion 54.00 (53.70 to 54.70): BN007110.D (-806) (-)

Ion 68.00 (67.70 to 68.70): BN007110.D (-806) (-)





#7

Nitrobenzene-d5

Concen: 0.311 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007144.D

Acq: 13 Aug 2019 22:31

Instrument :

BNA_N

ClientSampleId :

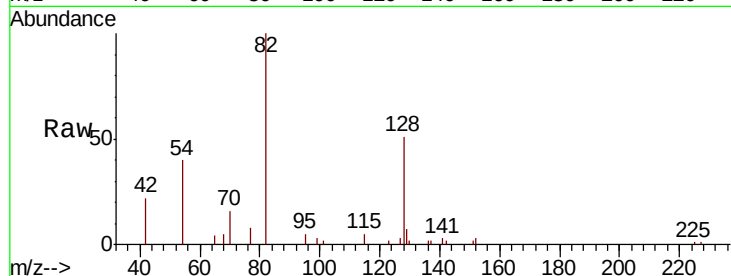
Tot Ion: 82 Resp: 8109

Ion Ratio Lower Upper

82 100

128 51.0 34.6 51.8

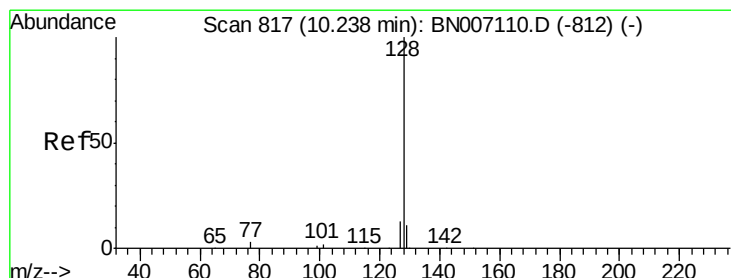
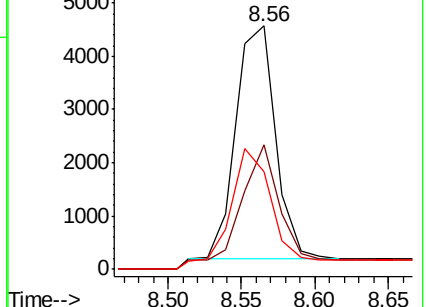
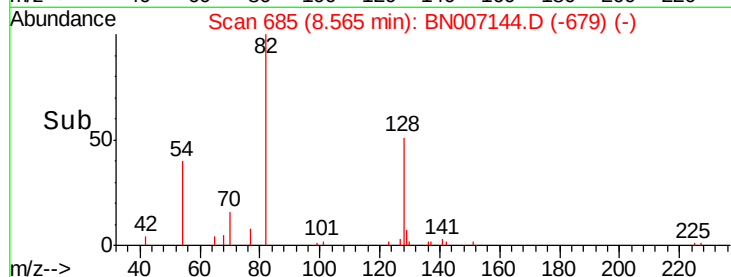
54 40.1 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BN007110.D (-681) (-)

Ion 128.00 (127.70 to 128.70): BN007110.D (-681) (-)

Ion 54.00 (53.70 to 54.70): BN007110.D (-681) (-)



#8

Naphthalene

Concen: 0.314 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007144.D

Acq: 13 Aug 2019 22:31

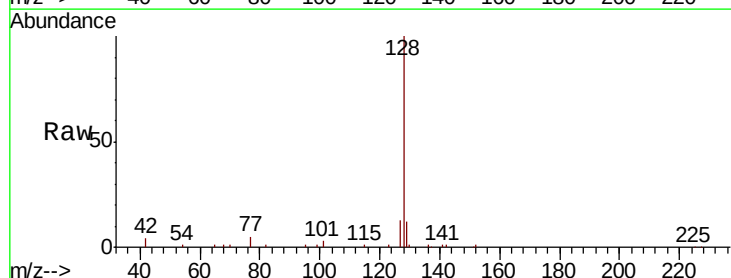
Tgt Ion: 128 Resp: 28423

Ion Ratio Lower Upper

128 100

129 11.9 9.4 14.2

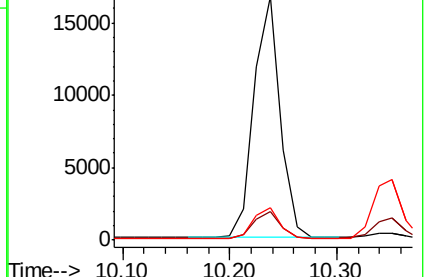
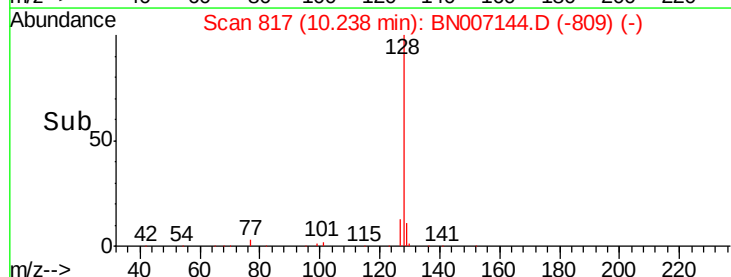
127 13.3 11.0 16.6

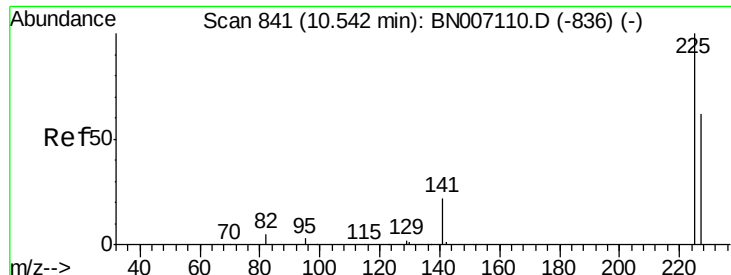


Abundance Ion 128.00 (127.70 to 128.70): BN007110.D (-812) (-)

Ion 129.00 (128.70 to 129.70): BN007110.D (-812) (-)

Ion 127.00 (126.70 to 127.70): BN007110.D (-812) (-)





#9

Hexachlorobutadiene

Concen: 0.296 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007144.D

Acq: 13 Aug 2019 22:31

Instrument :

BNA_N

ClientSampleId :

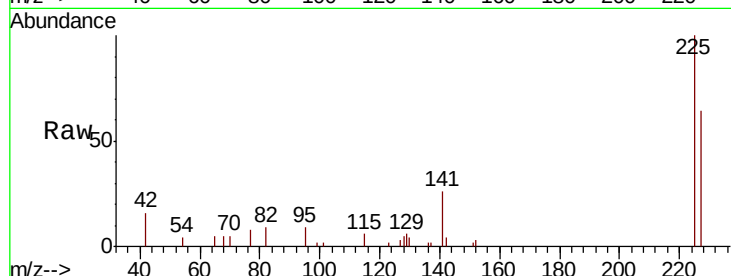
Tot Ion:225 Resp: 5720

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

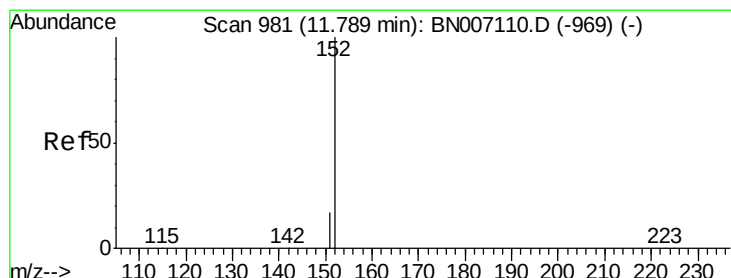
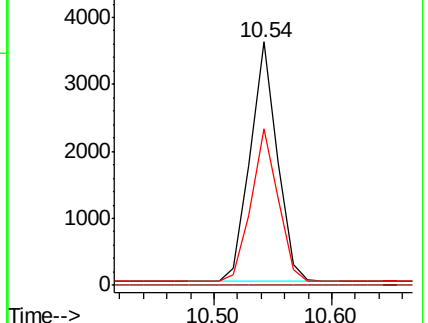
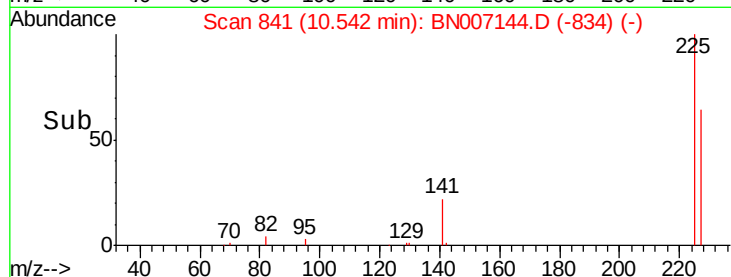
227 63.7 51.1 76.7



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



#10

2-Methylnaphthalene-d10

Concen: 0.408 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007144.D

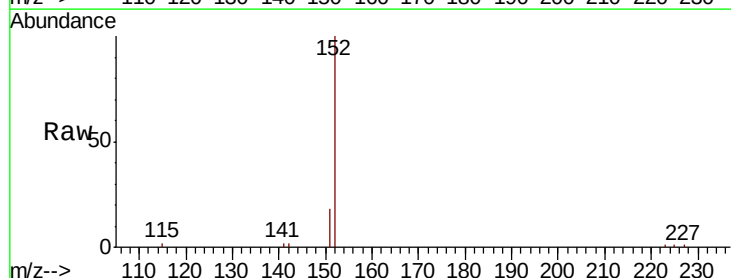
Acq: 13 Aug 2019 22:31

Tgt Ion:152 Resp: 24560

Ion Ratio Lower Upper

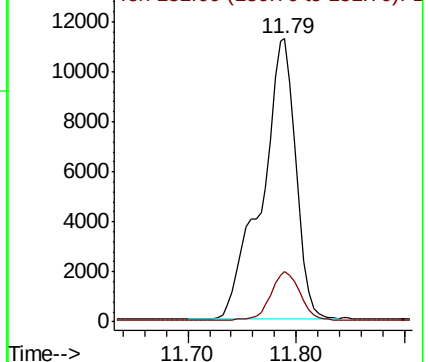
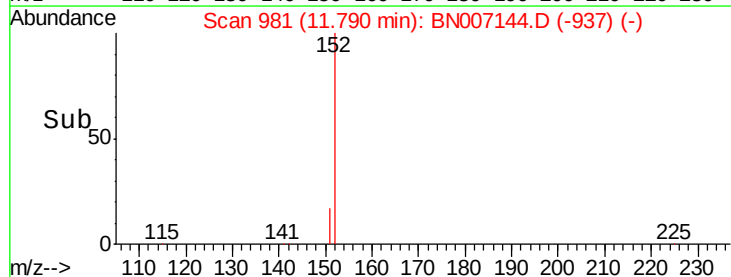
152 100

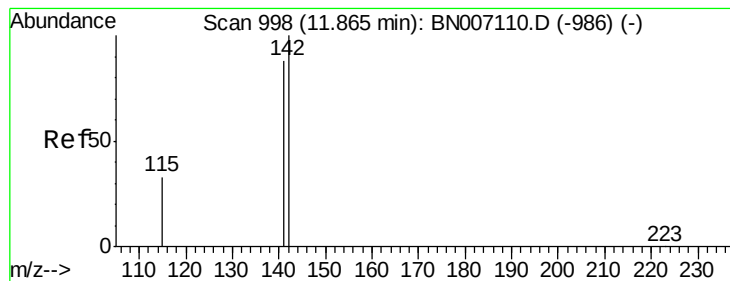
151 14.4 15.5 23.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.325 ng

RT: 11.87 min Scan# 998

Delta R.T. -0.00 min

Lab File: BN007144.D

Acq: 13 Aug 2019 22:31

Instrument :

BNA_N

ClientSampleId :

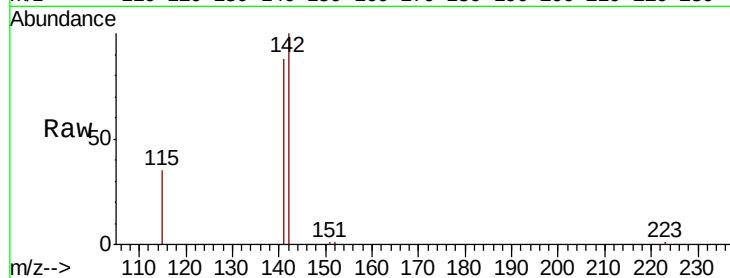
Tot Ion:142 Resp: 20835

Ion Ratio Lower Upper

142 100

141 88.5 69.0 103.6

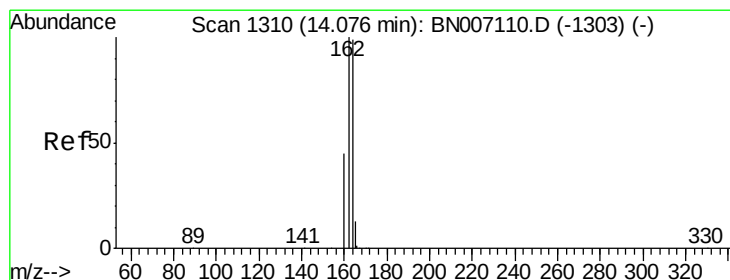
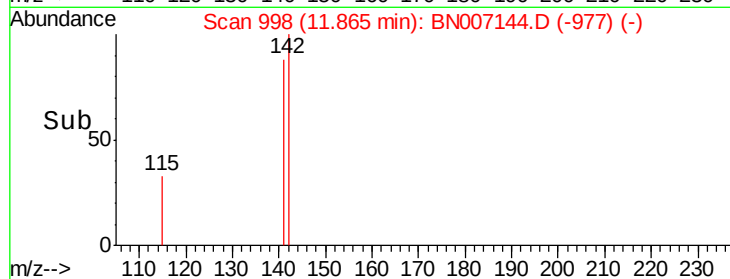
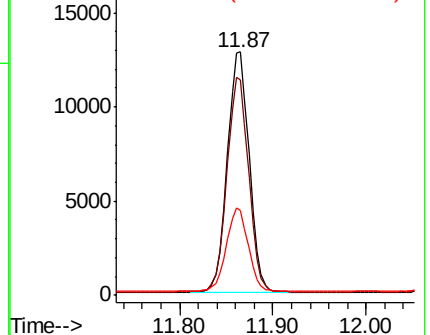
115 34.8 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.08 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN007144.D

Acq: 13 Aug 2019 22:31

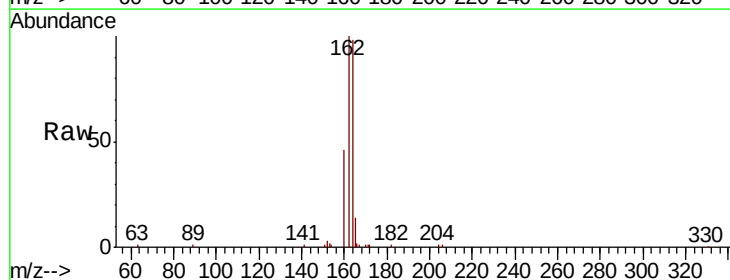
Tgt Ion:164 Resp: 18129

Ion Ratio Lower Upper

164 100

162 101.8 82.2 123.4

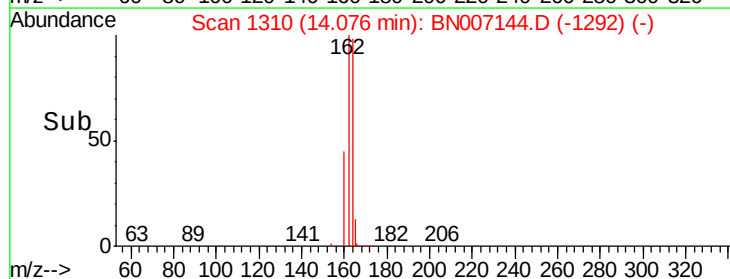
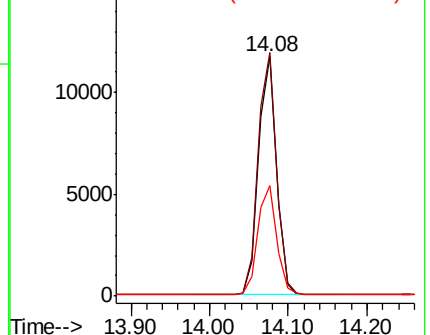
160 46.4 38.3 57.5

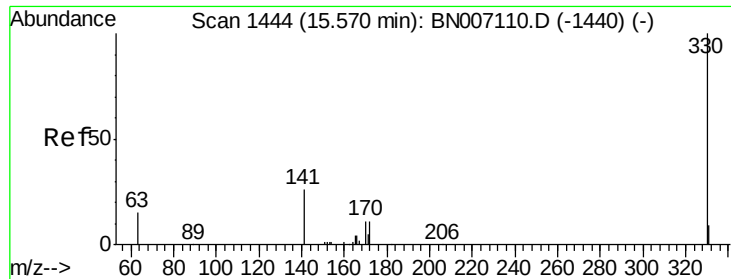


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

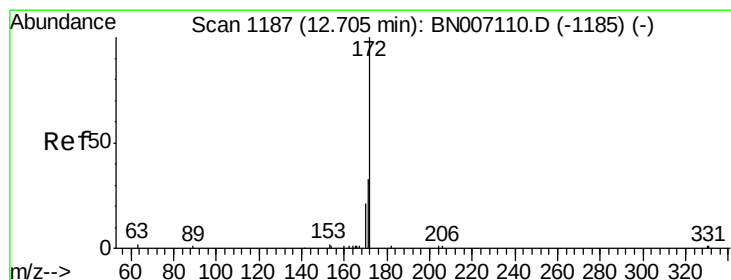
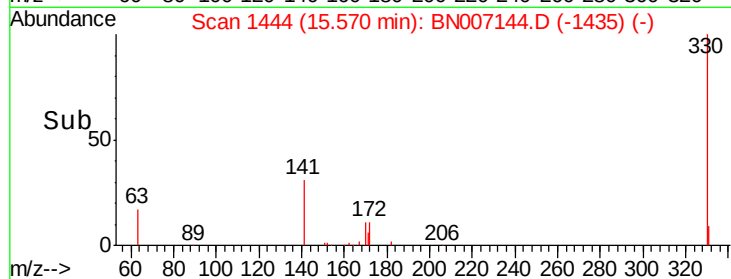
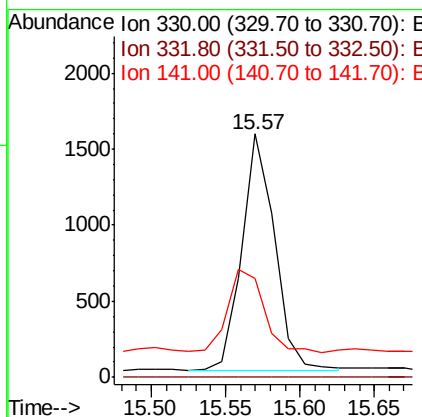
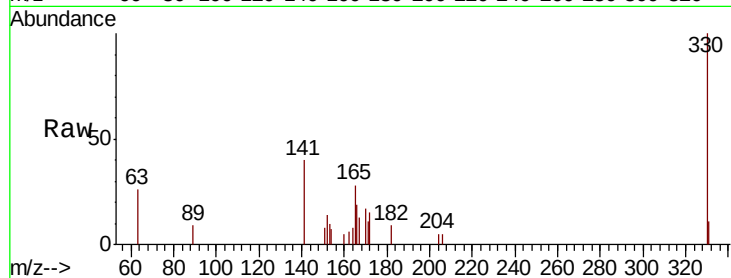




#13
 2,4,6-Tribromophenol
 Concen: 0.242 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007144.D
 Acq: 13 Aug 2019 22:31

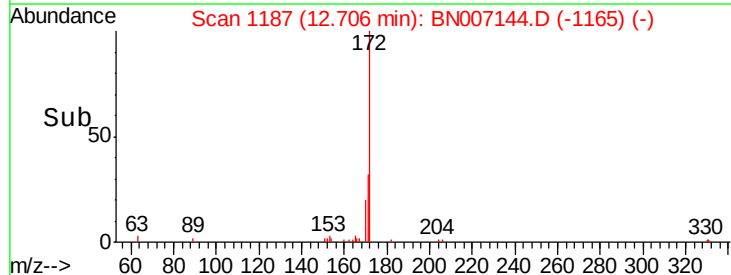
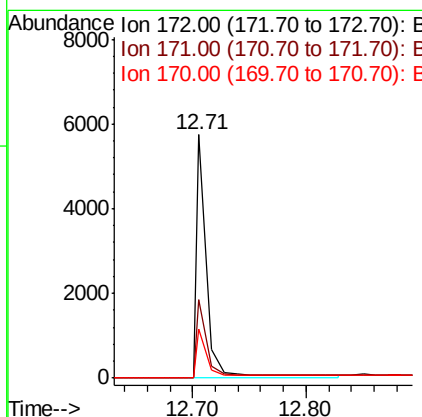
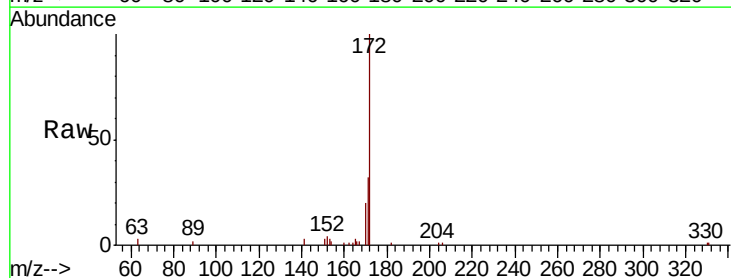
Instrument :
 BNA_N
 ClientSampleId :

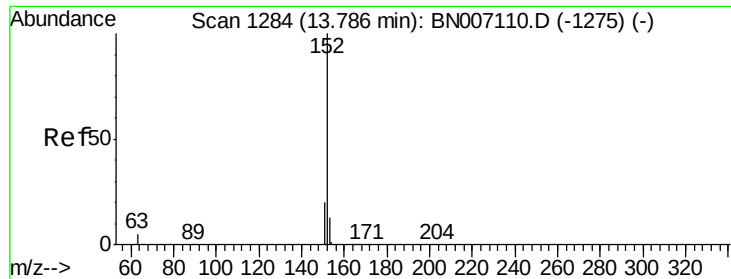
Tot Ion:330 Resp: 2359
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 39.0 33.6 50.4



#14
 2-Fluorobiphenyl
 Concen: 0.166 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007144.D
 Acq: 13 Aug 2019 22:31

Tgt Ion:172 Resp: 4376
 Ion Ratio Lower Upper
 172 100
 171 32.5 26.3 39.5
 170 20.3 17.0 25.4





#15

Acenaphthylene

Concen: 0.446 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007144.D

Acq: 13 Aug 2019 22:31

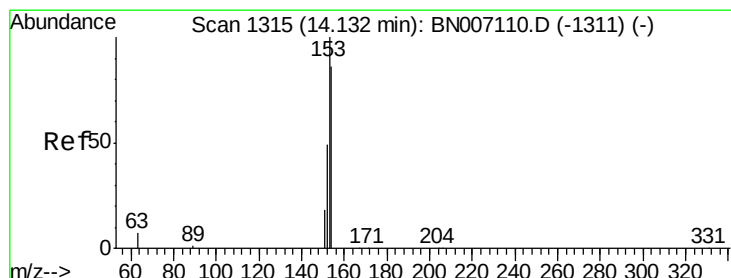
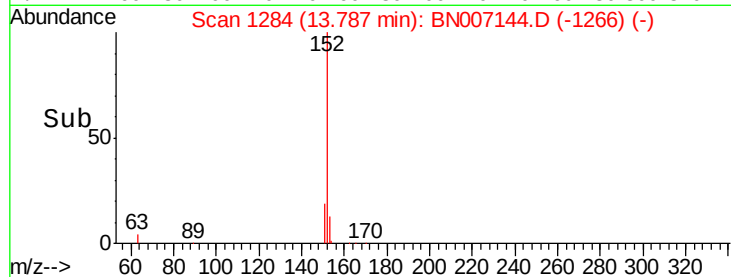
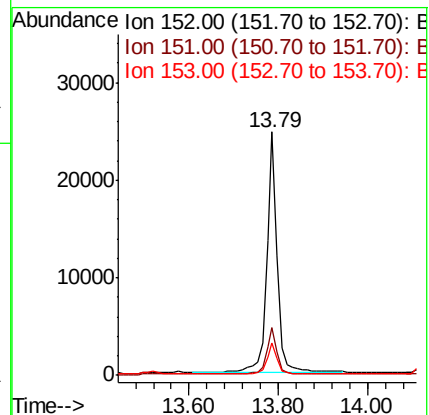
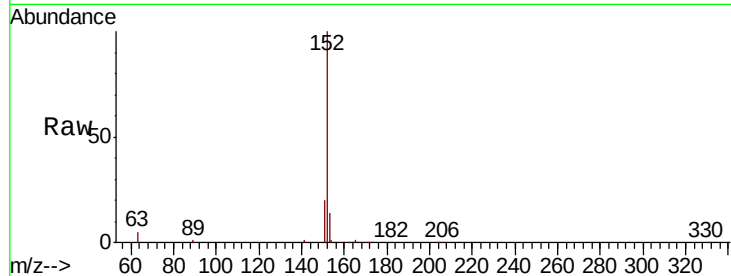
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 42268

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.6
153	12.3	10.4	15.6



#16

Acenaphthene

Concen: 0.318 ng

RT: 14.13 min Scan# 1315

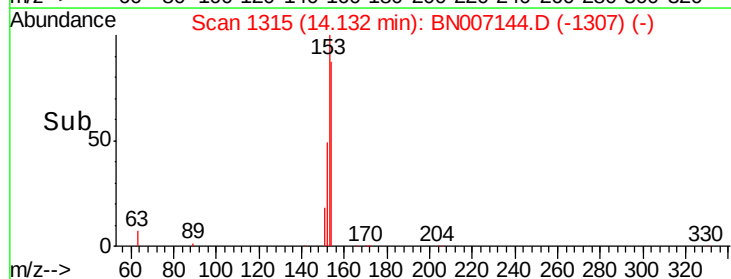
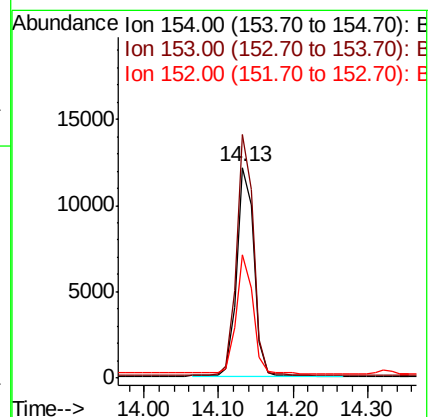
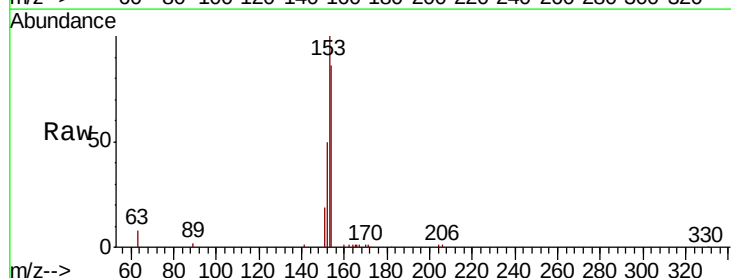
Delta R.T. -0.01 min

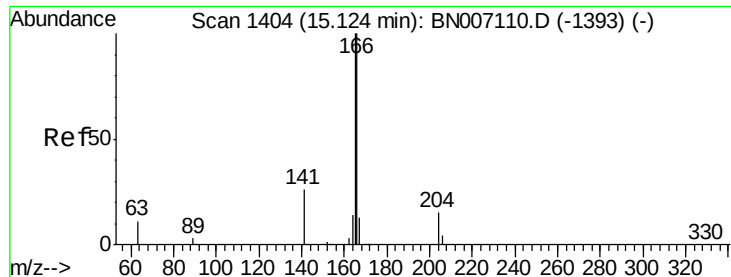
Lab File: BN007144.D

Acq: 13 Aug 2019 22:31

Tgt Ion:154 Resp: 19275

Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.5	134.3
152	56.2	44.8	67.2

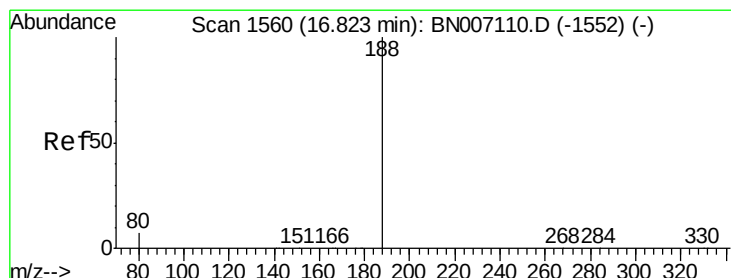
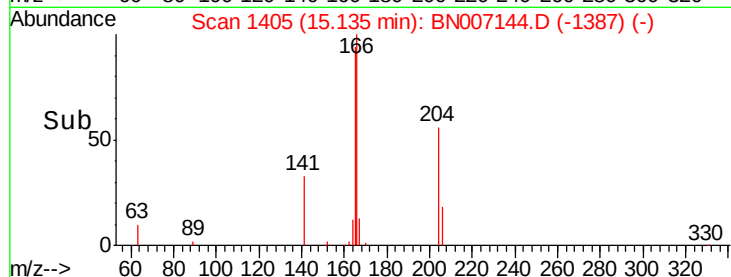
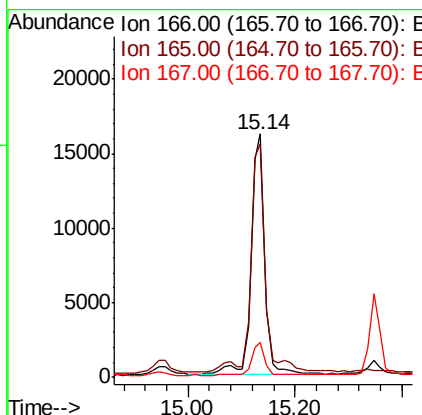
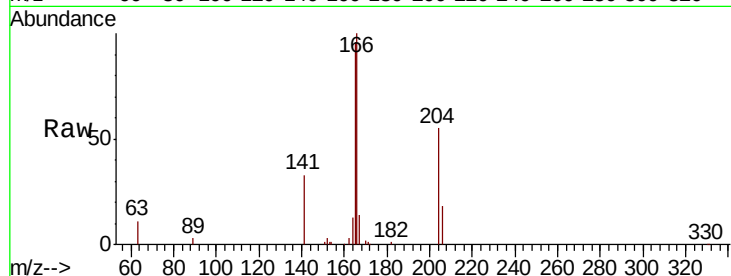




#17
Fluorene
Concen: 0.307 ng
RT: 15.14 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007144.D
Acq: 13 Aug 2019 22:31

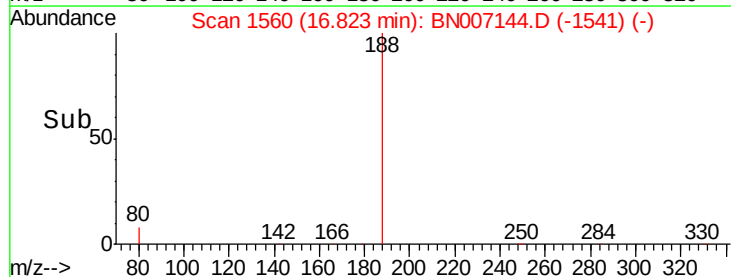
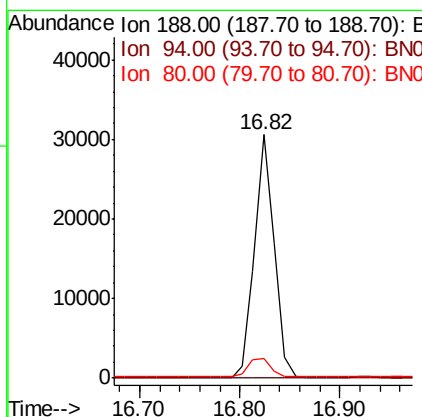
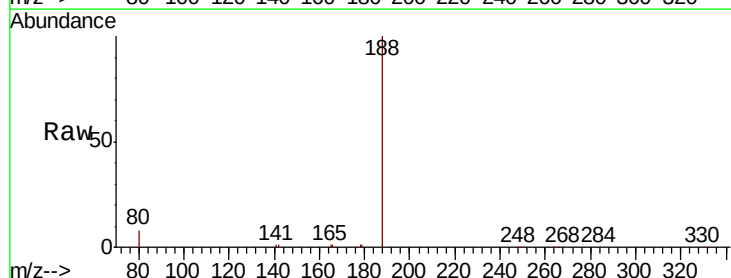
Instrument :
BNA_N
ClientSampleId :

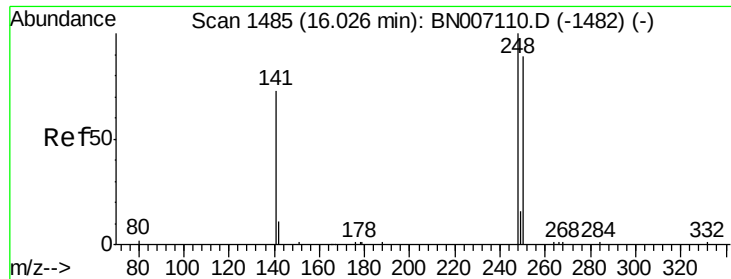
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.9	116.9
167	12.5	10.9	16.3



#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007144.D
Acq: 13 Aug 2019 22:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	7.8	11.6

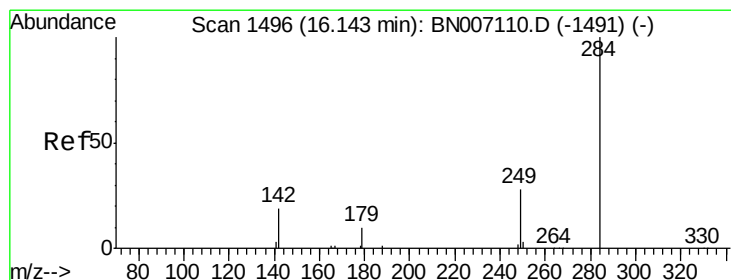
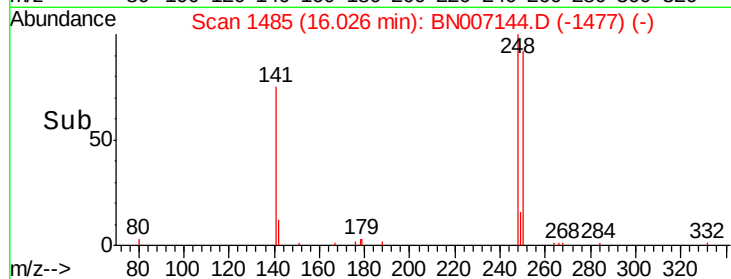
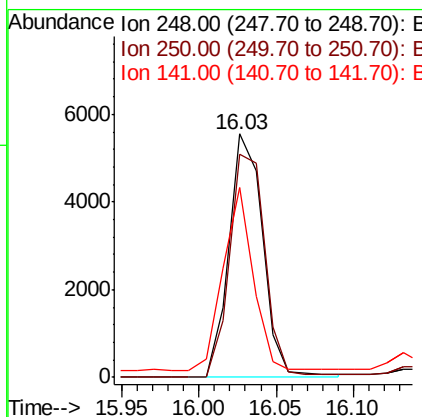
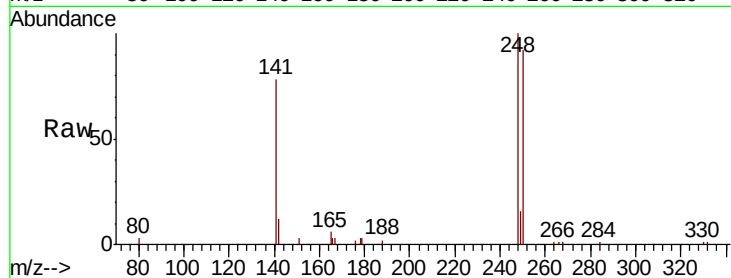




#19
4-Bromophenyl-phenylether
Concen: 0.329 ng
RT: 16.03 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BN007144.D
Acq: 13 Aug 2019 22:31

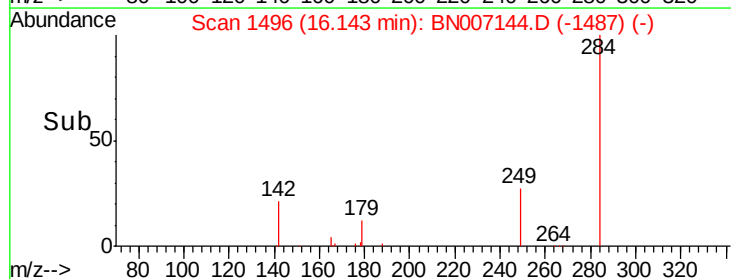
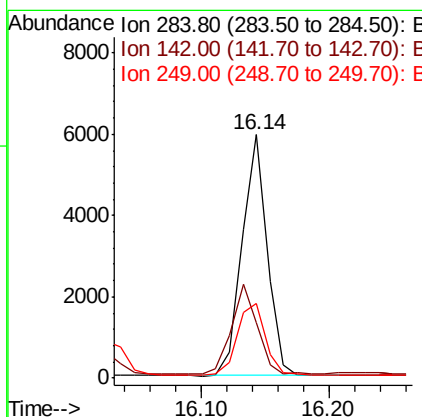
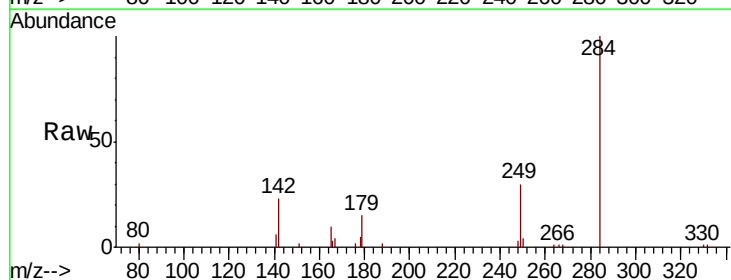
Instrument :
BNA_N
ClientSampleId :

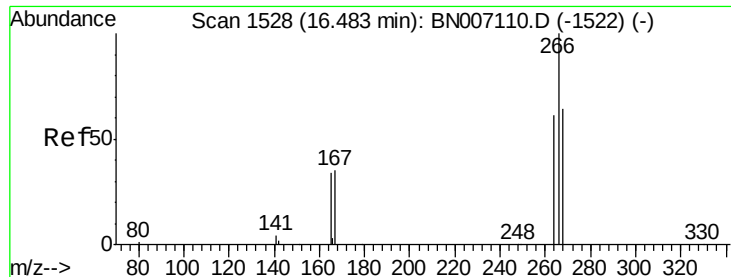
Tot Ion:248 Resp: 8468
Ion Ratio Lower Upper
248 100
250 91.7 78.9 118.3
141 77.9 43.3 64.9#



#20
Hexachlorobenzene
Concen: 0.329 ng
RT: 16.14 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN007144.D
Acq: 13 Aug 2019 22:31

Tgt Ion:284 Resp: 8143
Ion Ratio Lower Upper
284 100
142 37.2 30.5 45.7
249 33.2 26.7 40.1

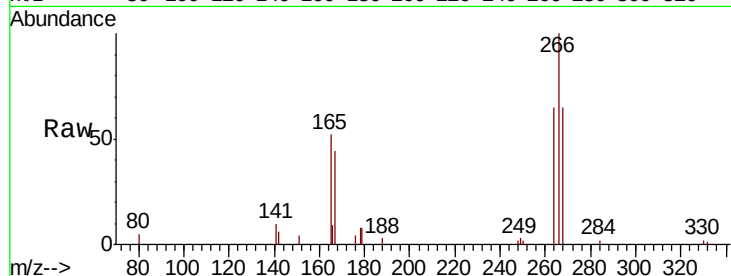




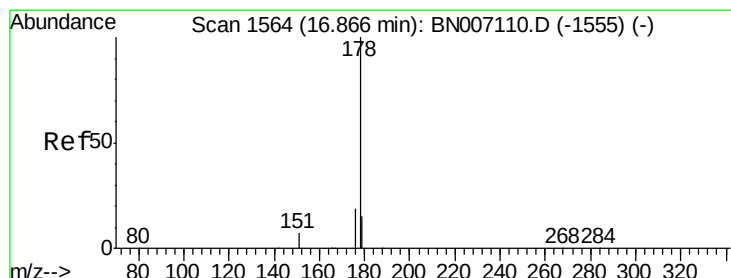
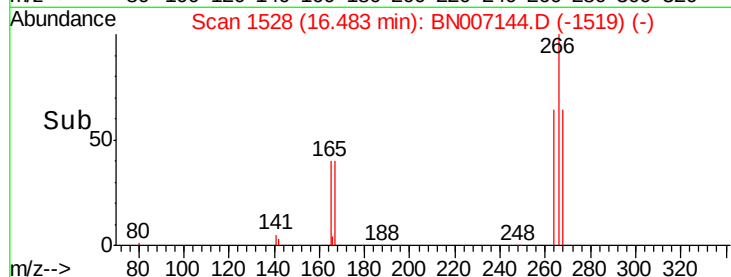
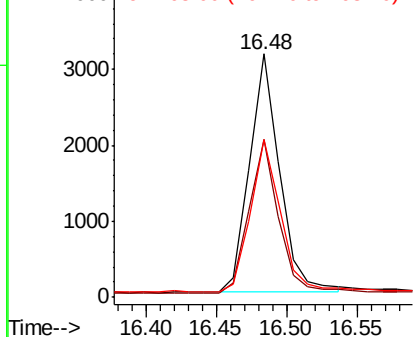
#21
 Pentachlorophenol
 Concen: 0.512 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007144.D
 Acq: 13 Aug 2019 22:31

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:266 Resp: 4720
 Ion Ratio Lower Upper
 266 100
 264 64.6 52.3 78.5
 268 65.0 51.5 77.3

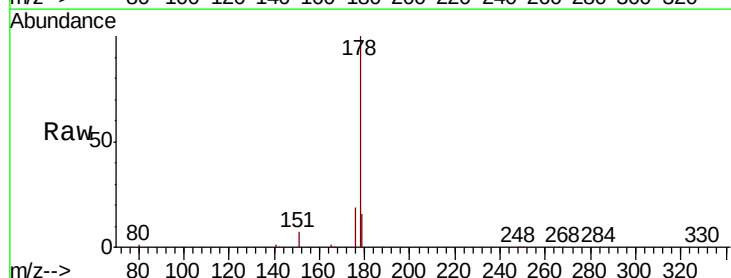


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

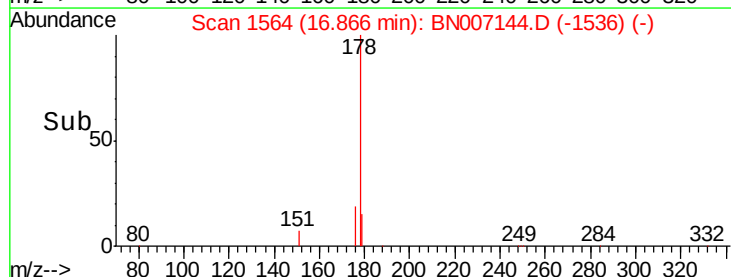
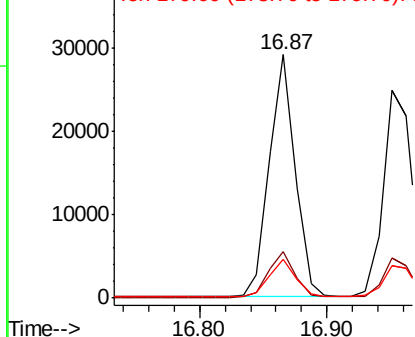


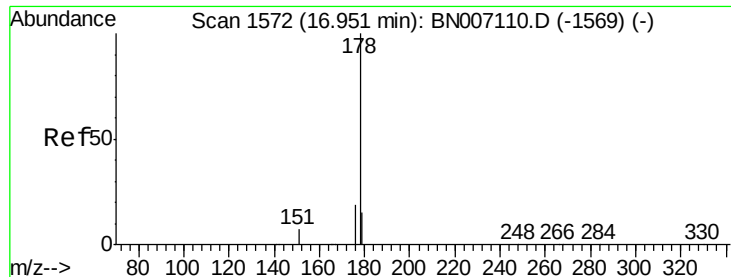
#22
 Phenanthrene
 Concen: 0.328 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007144.D
 Acq: 13 Aug 2019 22:31

Tgt Ion:178 Resp: 40889
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.2 22.8
 179 15.7 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





#23

Anthracene

Concen: 0.341 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007144.D

Acq: 13 Aug 2019 22:31

Instrument :

BNA_N

ClientSampleId :

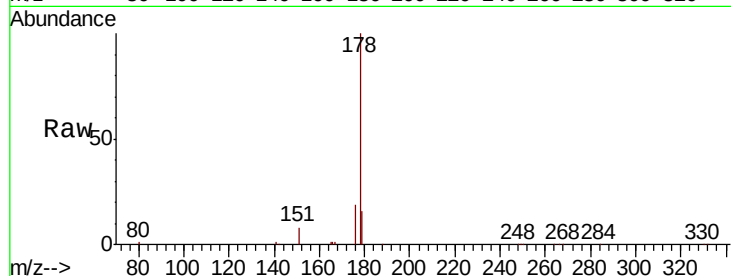
Tot Ion:178 Resp: 38786

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

179 15.1 12.5 18.7

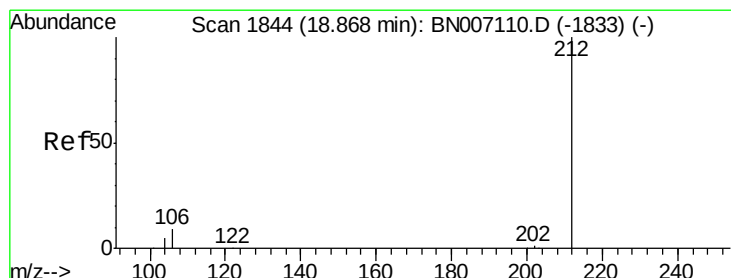
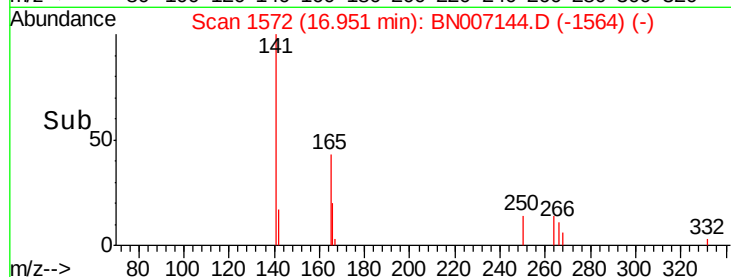
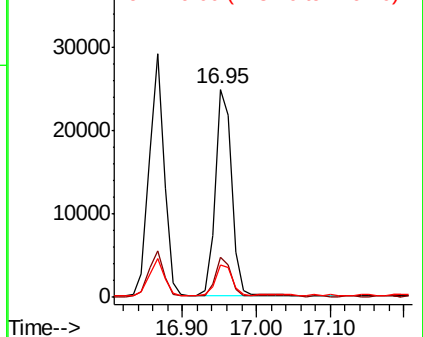


Abundance

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

Fluoranthene-d10

Concen: 0.300 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BN007144.D

Acq: 13 Aug 2019 22:31

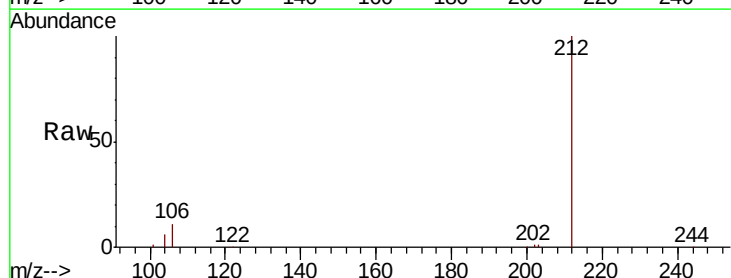
Tgt Ion:212 Resp: 44271

Ion Ratio Lower Upper

212 100

106 10.4 8.2 12.2

104 5.7 4.5 6.7

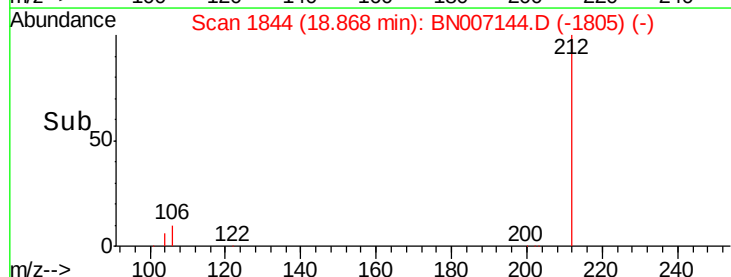
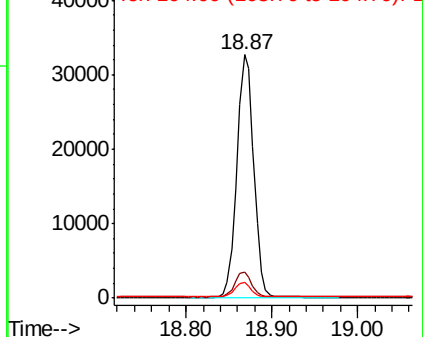


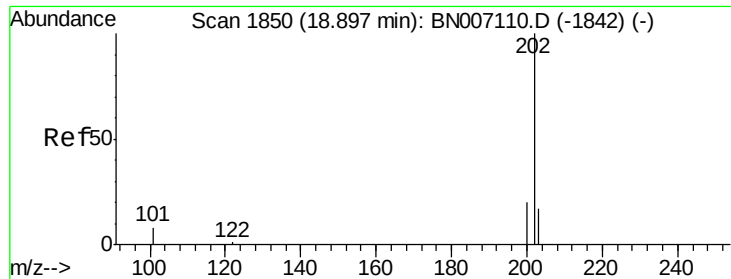
Abundance

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





#25

Fluoranthene

Concen: 0.309 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BN007144.D

Acq: 13 Aug 2019 22:31

Instrument :

BNA_N

ClientSampleId :

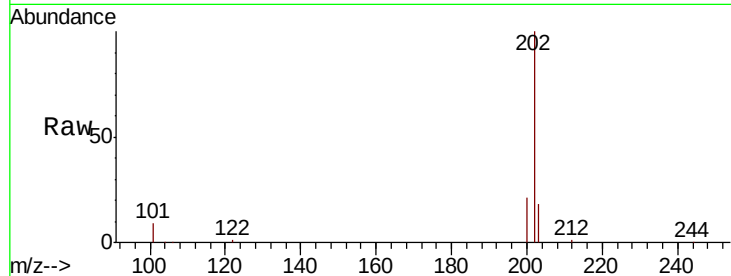
Tot Ion:202 Resp: 49180

Ion Ratio Lower Upper

202 100

101 8.8 7.0 10.4

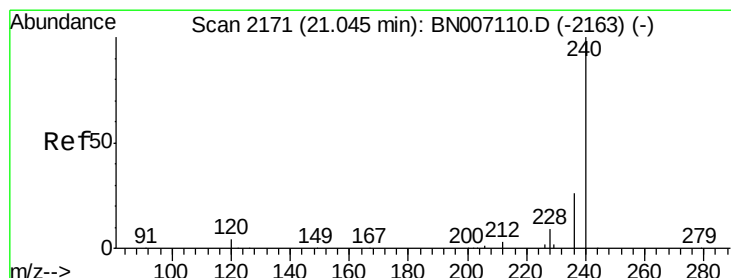
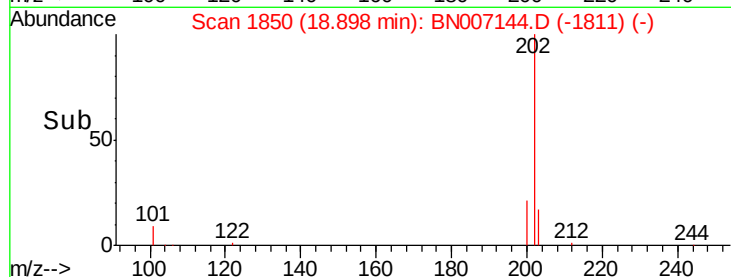
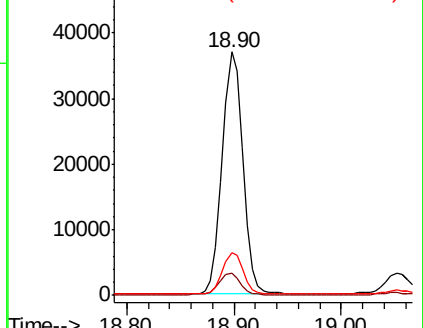
203 17.1 13.8 20.8



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



#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.05 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN007144.D

Acq: 13 Aug 2019 22:31

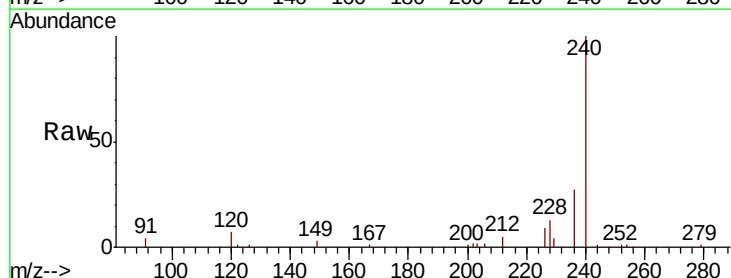
Tgt Ion:240 Resp: 41136

Ion Ratio Lower Upper

240 100

120 6.8 4.0 6.0#

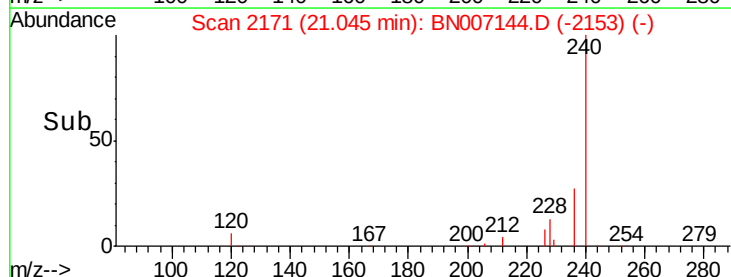
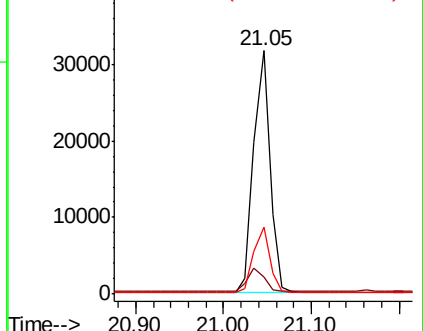
236 27.3 21.3 31.9

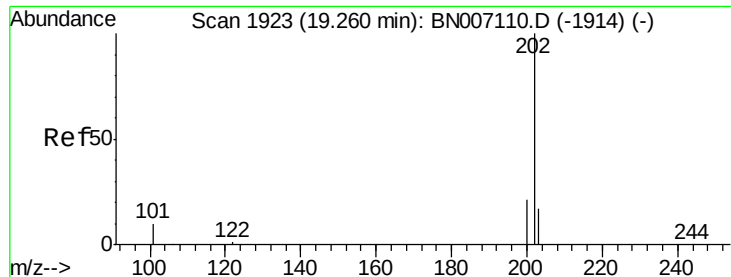


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

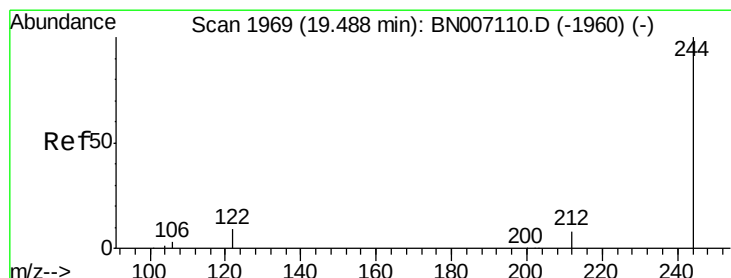
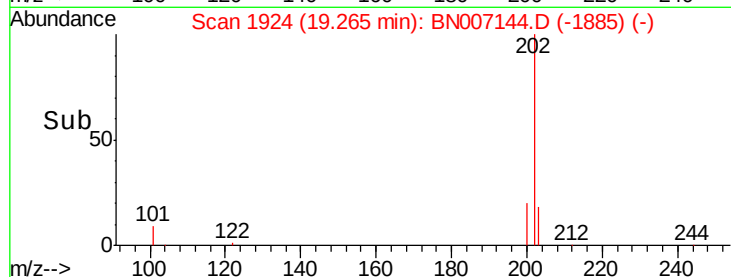
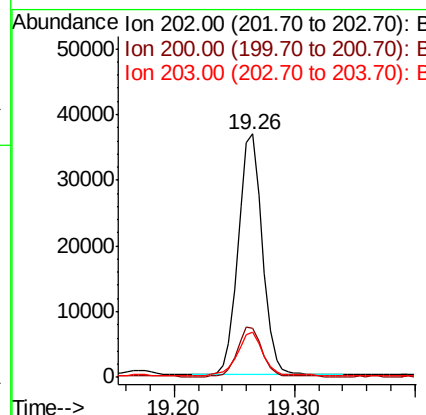
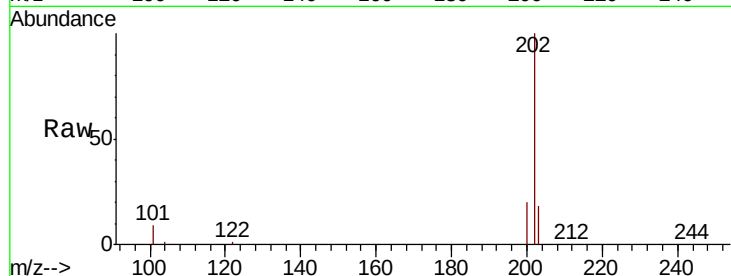




#27
 Pvrene
 Concen: 0.353 ng
 RT: 19.26 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: BN007144.D
 Acq: 13 Aug 2019 22:31

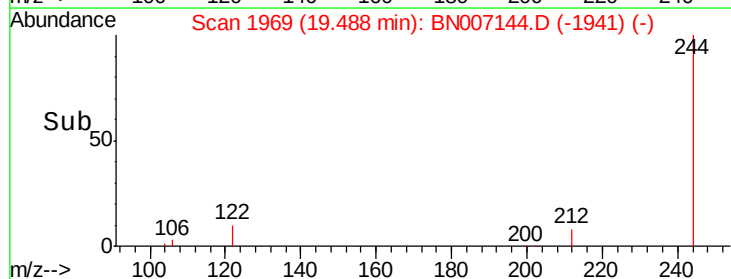
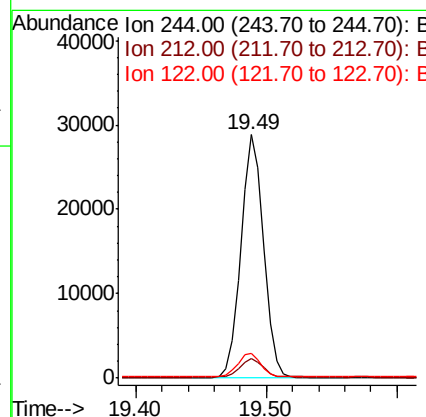
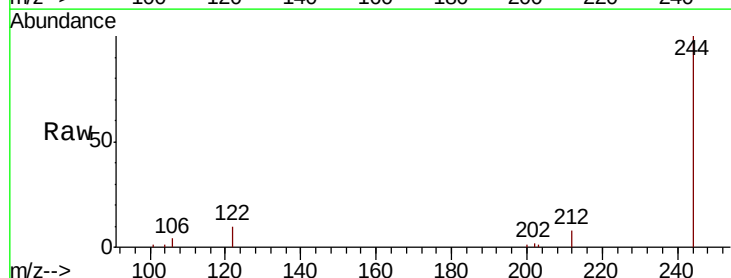
Instrument :
 BNA_N
 ClientSampleId :

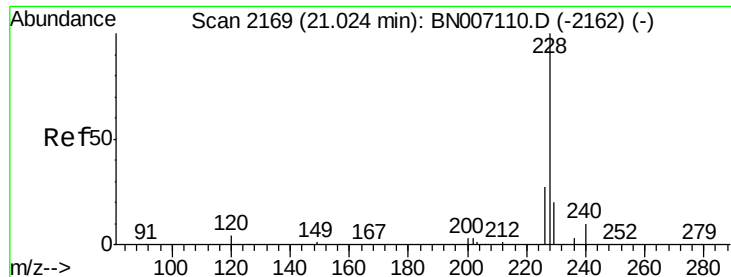
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	19.1	14.0	21.0



#28
 Terphenyl-d14
 Concen: 0.310 ng
 RT: 19.49 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BN007144.D
 Acq: 13 Aug 2019 22:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	10.1	7.4	11.2





#29

Benzo(a)anthracene

Concen: 0.331 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007144.D

Acq: 13 Aug 2019 22:31

Instrument :

BNA_N

ClientSampleId :

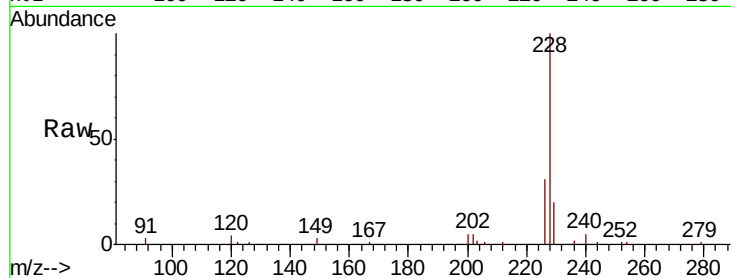
Tot Ion:228 Resp: 49775

Ion Ratio Lower Upper

228 100

226 30.8 21.8 32.6

229 20.2 15.6 23.4

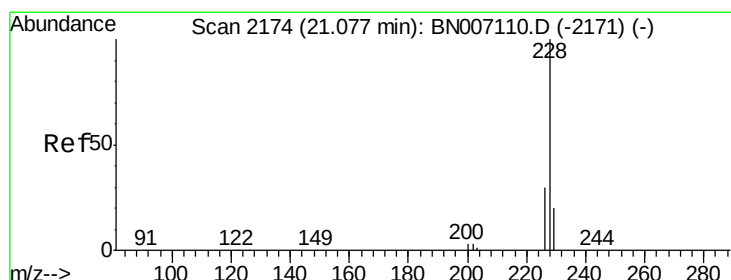
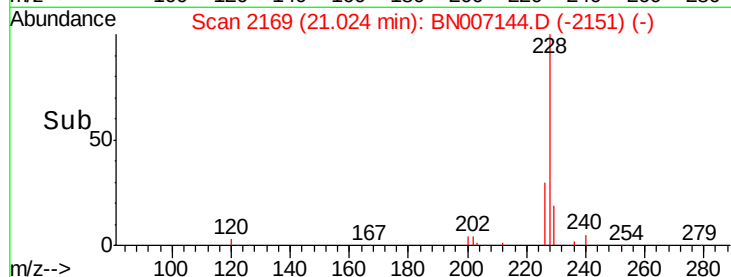
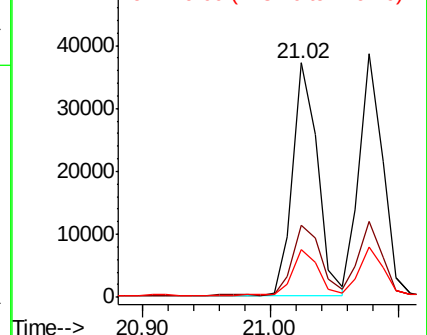


Abundance

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



#30

Chrysene

Concen: 0.332 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007144.D

Acq: 13 Aug 2019 22:31

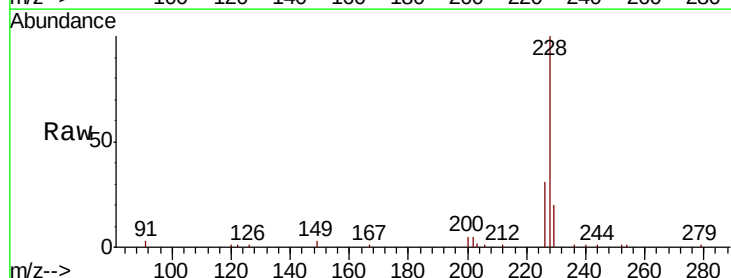
Tgt Ion:228 Resp: 48548

Ion Ratio Lower Upper

228 100

226 31.0 23.8 35.6

229 20.4 15.7 23.5

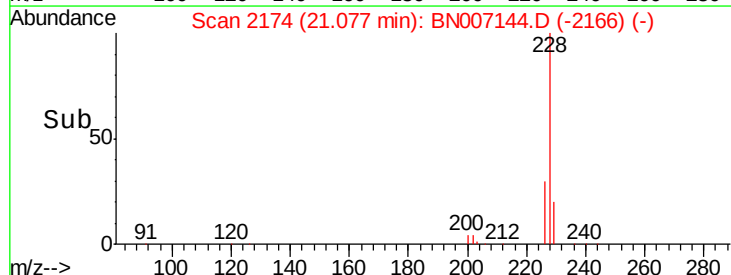
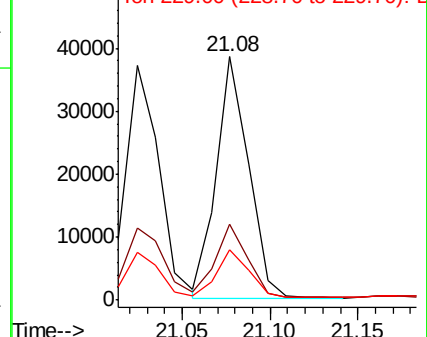


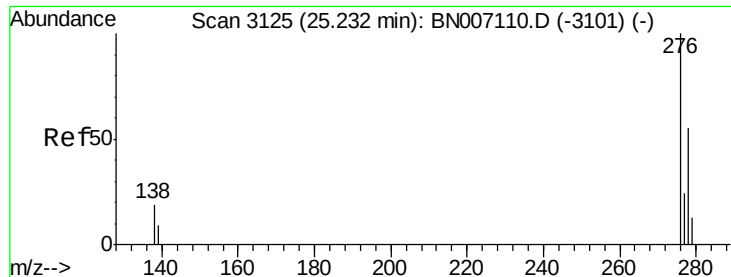
Abundance

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

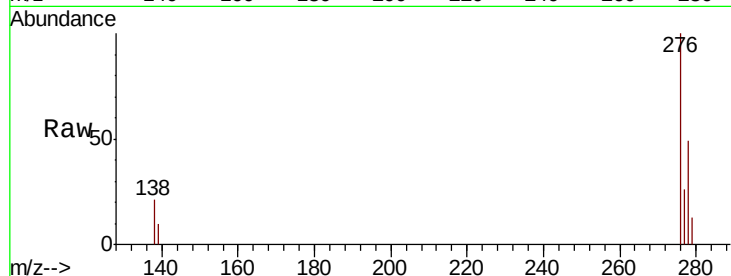




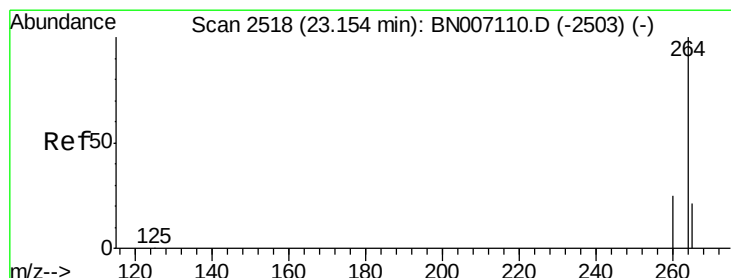
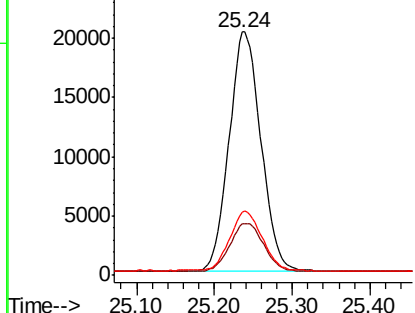
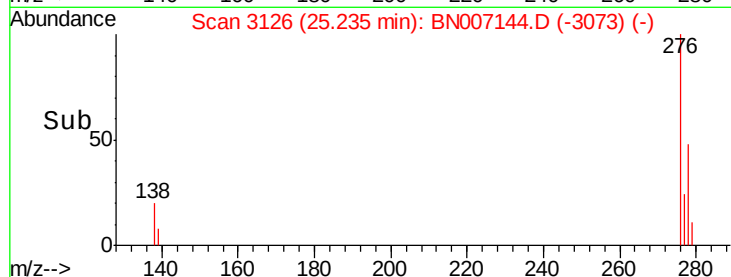
#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.357 ng
 RT: 25.24 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BN007144.D
 Acq: 13 Aug 2019 22:31

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 57557
 Ion Ratio Lower Upper
 276 100
 138 21.2 16.0 24.0
 277 25.0 19.9 29.9

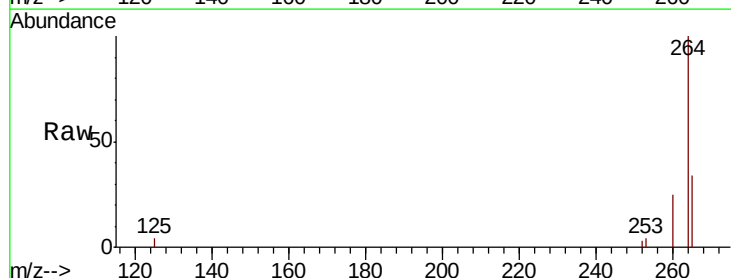


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

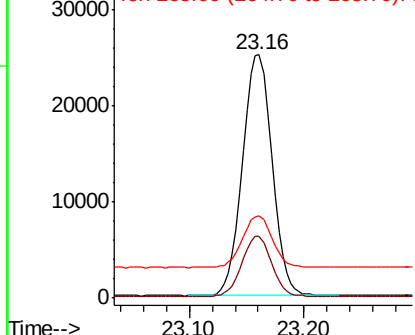
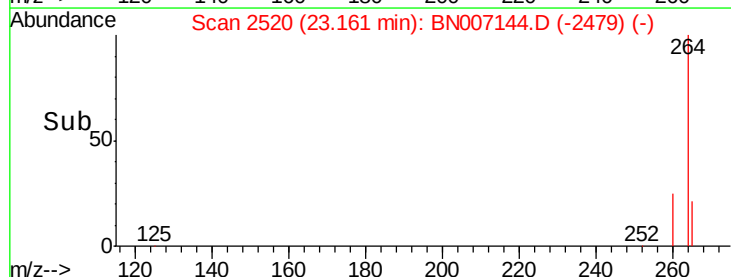


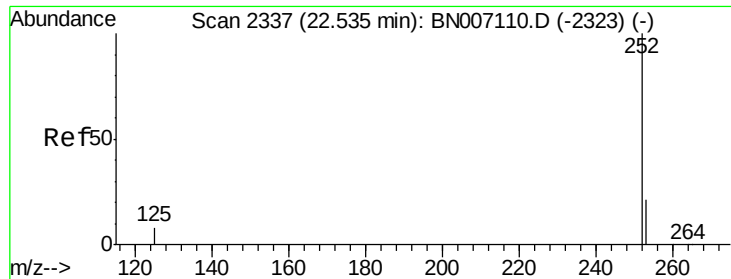
#32
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.16 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BN007144.D
 Acq: 13 Aug 2019 22:31

Tgt Ion:264 Resp: 44649
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.8 29.8
 265 33.9 26.2 39.4



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





#33

Benzo(b)fluoranthene

Concen: 0.338 ng

RT: 22.54 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BN007144.D

Acq: 13 Aug 2019 22:31

Instrument :

BNA_N

ClientSampleId :

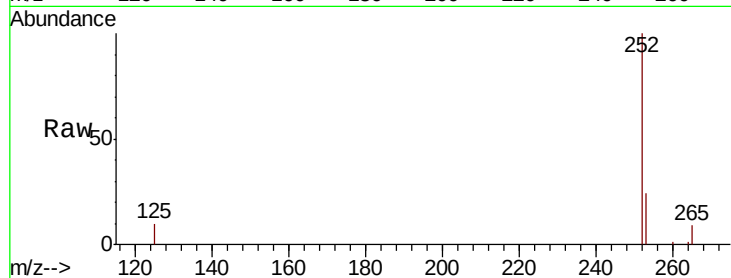
Tot Ion:252 Resp: 51692

Ion Ratio Lower Upper

252 100

253 24.2 18.2 27.2

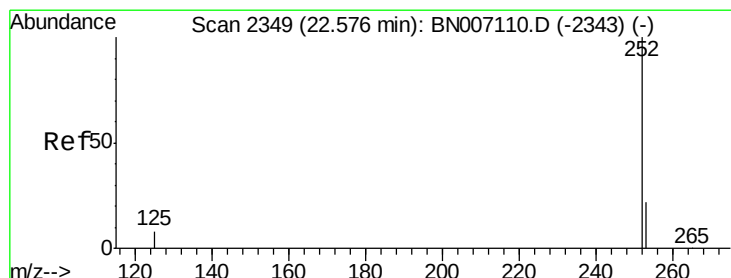
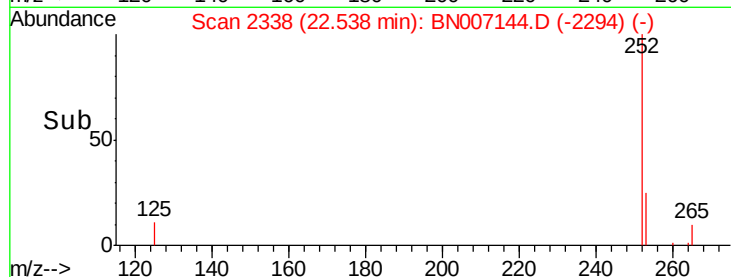
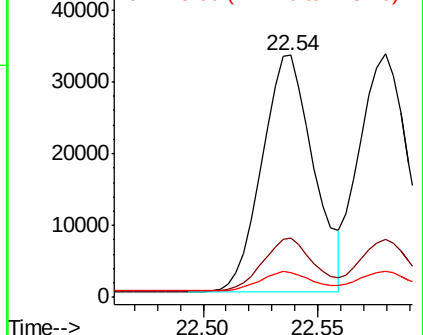
125 10.3 7.4 11.0



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



#34

Benzo(k)fluoranthene

Concen: 0.327 ng

RT: 22.58 min Scan# 2350

Delta R.T. -0.01 min

Lab File: BN007144.D

Acq: 13 Aug 2019 22:31

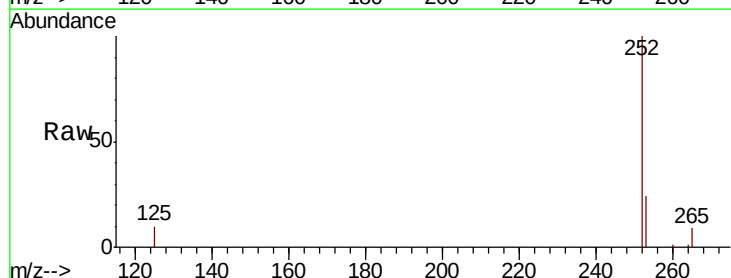
Tgt Ion:252 Resp: 49509

Ion Ratio Lower Upper

252 100

253 23.6 18.1 27.1

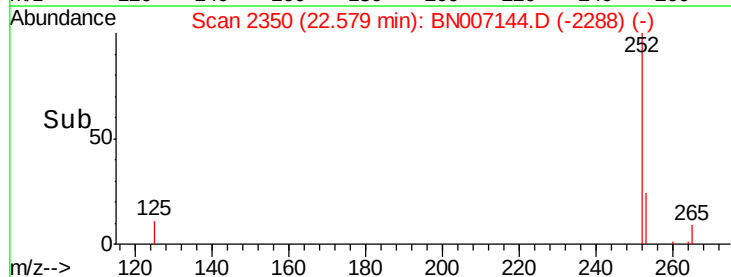
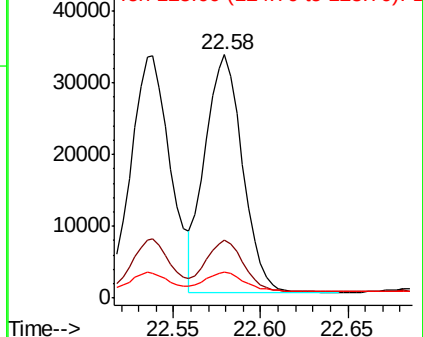
125 10.4 7.4 11.0

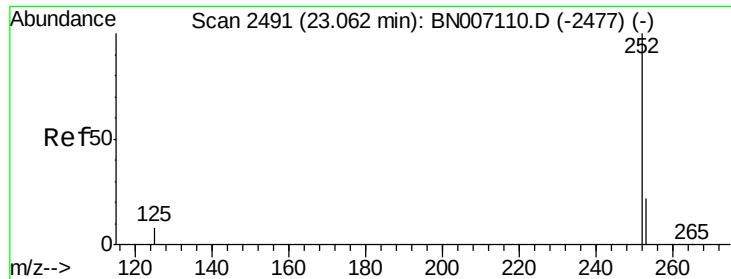


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.355 ng

RT: 23.07 min Scan# 2493

Delta R.T. -0.01 min

Lab File: BN007144.D

Acq: 13 Aug 2019 22:31

Instrument :

BNA_N

ClientSampleId :

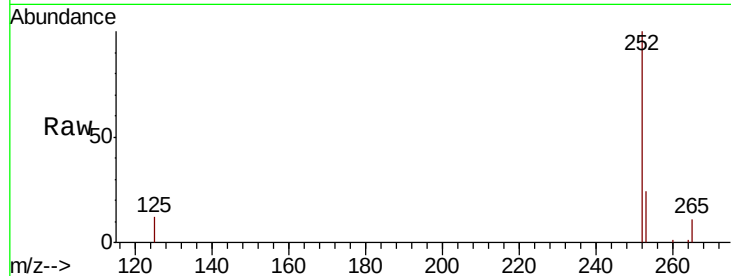
Tot Ion:252 Resp: 49230

Ion Ratio Lower Upper

252 100

253 24.1 18.5 27.7

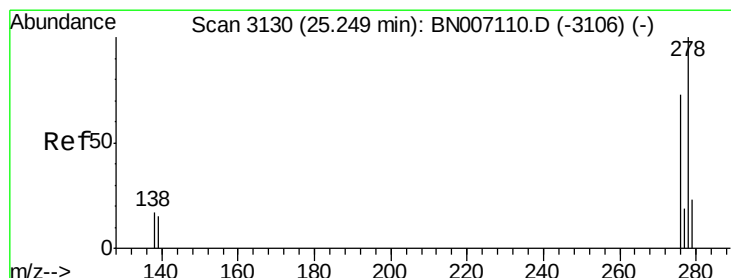
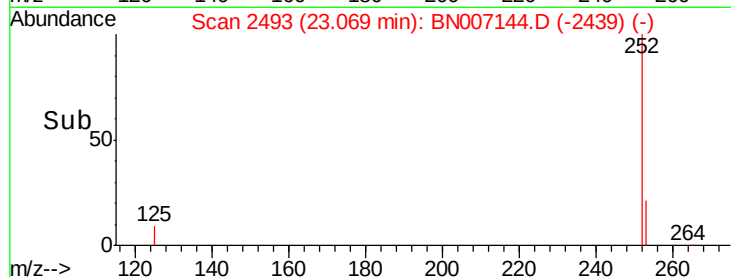
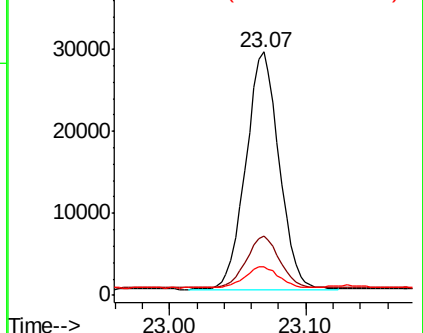
125 11.6 8.2 12.4



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

Dibenzo(a,h)anthracene

Concen: 0.344 ng

RT: 25.25 min Scan# 3131

Delta R.T. -0.02 min

Lab File: BN007144.D

Acq: 13 Aug 2019 22:31

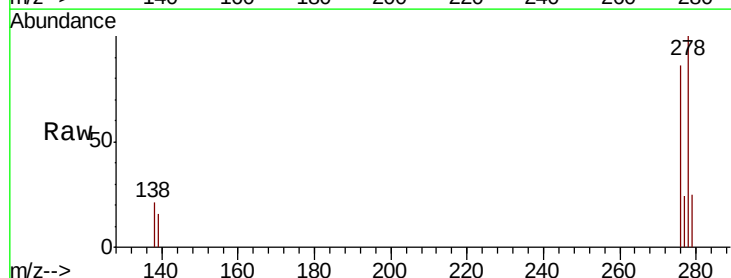
Tgt Ion:278 Resp: 47625

Ion Ratio Lower Upper

278 100

139 16.1 11.3 16.9

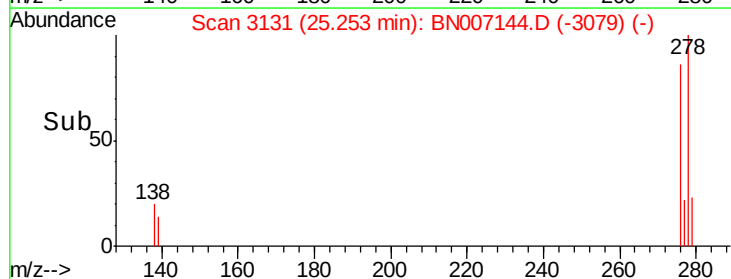
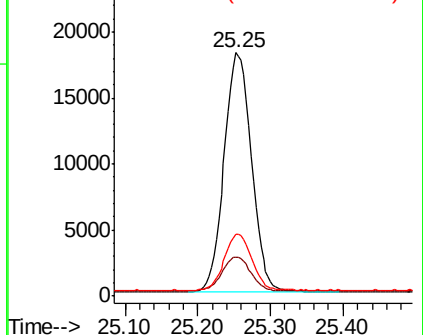
279 25.4 19.3 28.9

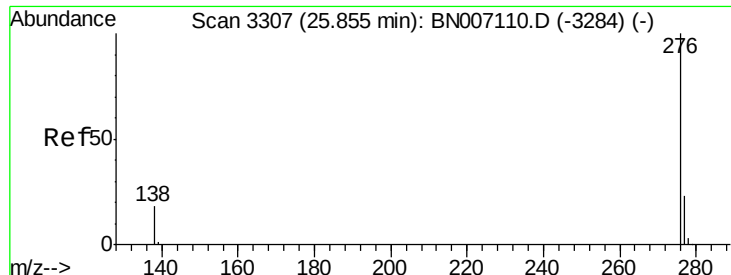


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(a,h,i)perylene

Concen: 0.345 ng

RT: 25.87 min Scan# 3310

Delta R.T. -0.01 min

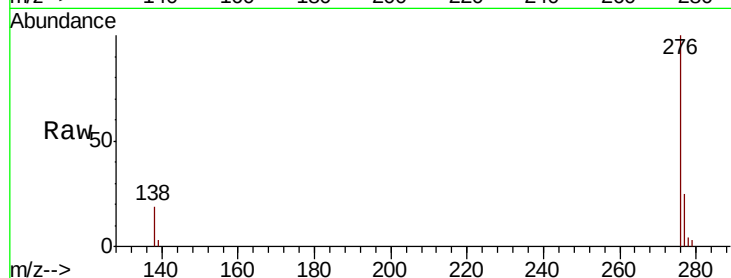
Lab File: BN007144.D

Acq: 13 Aug 2019 22:31

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 49196

Ion Ratio Lower Upper

276 100

277 25.2 19.8 29.8

138 19.2 14.6 22.0

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

