

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081319\
 Data File : BN007166.D
 Acq On : 14 Aug 2019 12:58
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Aug 14 13:37:28 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	11410	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	42745	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	24087	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	54692	0.40	ng	0.00
26) Chrysene-d12	21.05	240	53863	0.40	ng	-0.01
32) Perylene-d12	23.17	264	59471	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	11967	0.44	ng	0.00
4) Phenol-d6	6.62	99	15114	0.45	ng	0.00
7) Nitrobenzene-d5	8.56	82	14567	0.42	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	29667	0.37	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	4840	0.37	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	7776	0.22	ng	0.00
24) Fluoranthene-d10	18.87	212	71213	0.37	ng	0.00
28) Terphenyl-d14	19.49	244	61798	0.42	ng	-0.01

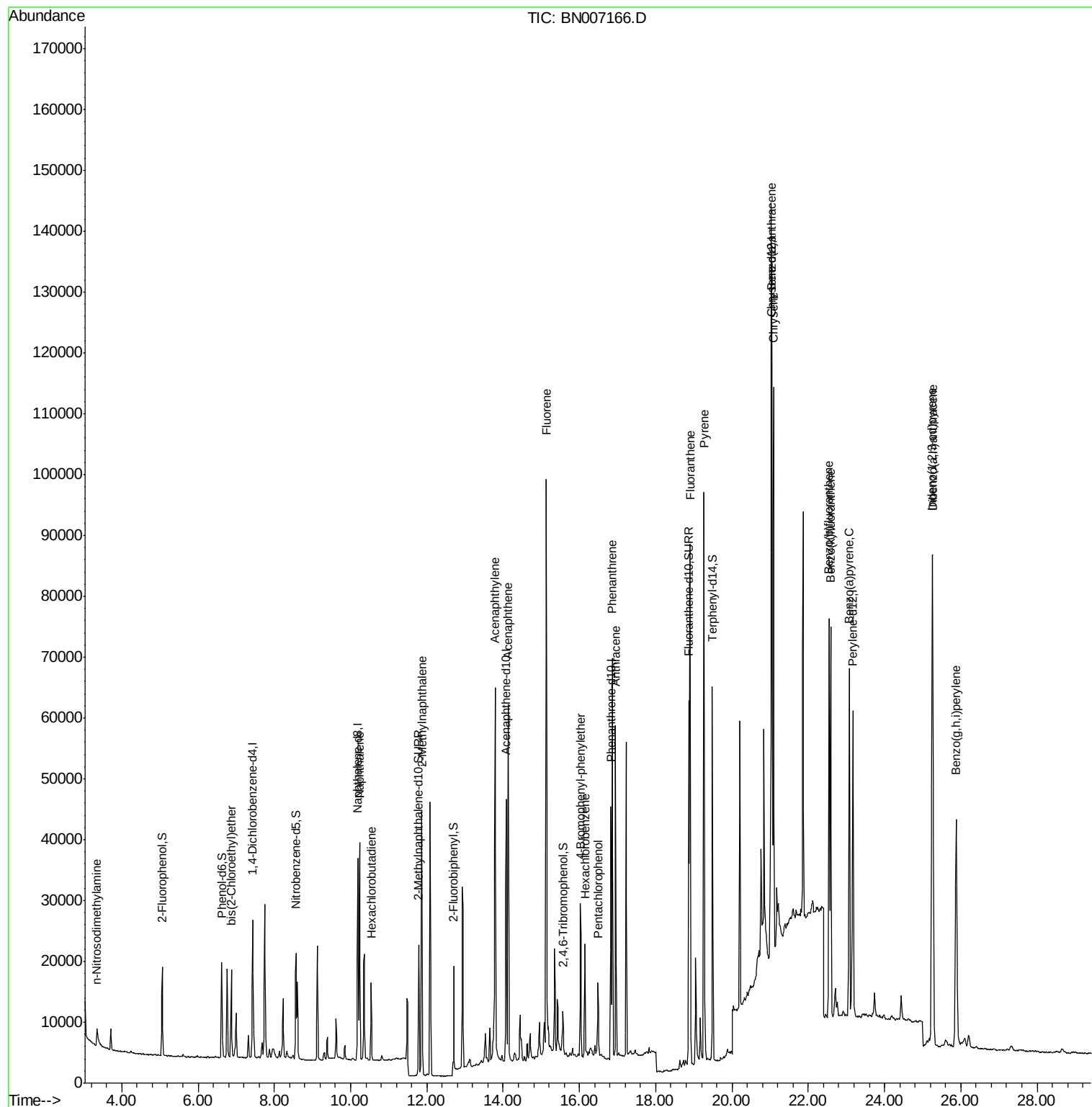
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.35	42	2761	0.368	ng	# 95
5) bis(2-Chloroethyl)ether	6.87	93	11664	0.389	ng	99
8) Naphthalene	10.24	128	45516	0.380	ng	99
9) Hexachlorobutadiene	10.54	225	10075	0.394	ng	# 99
11) 2-Methylnaphthalene	11.87	142	32791	0.386	ng	98
15) Acenaphthylene	13.79	152	88658	0.704	ng	99
16) Acenaphthene	14.13	154	33227	0.412	ng	99
17) Fluorene	15.14	166	46692	0.387	ng	93
19) 4-Bromophenyl-phenylether	16.03	248	13576	0.401	ng	# 82
20) Hexachlorobenzene	16.14	284	13166	0.405	ng	99
21) Pentachlorophenol	16.48	266	5258	0.434	ng	97
22) Phenanthrene	16.87	178	64502	0.394	ng	99
23) Anthracene	16.96	178	63488	0.424	ng	100
25) Fluoranthene	18.90	202	78781	0.376	ng	100
27) Pyrene	19.26	202	84400	0.447	ng	98
29) Benzo(a)anthracene	21.03	228	83102m	0.422	ng	
30) Chrysene	21.09	228	79429	0.415	ng	96
31) Indeno(1,2,3-cd)pyrene	25.25	276	90427	0.429	ng	98
33) Benzo(b)fluoranthene	22.54	252	79888	0.392	ng	# 95
34) Benzo(k)fluoranthene	22.59	252	76886	0.382	ng	# 94
35) Benzo(a)pyrene	23.08	252	76181	0.412	ng	# 95
36) Dibenzo(a,h)anthracene	25.27	278	73301	0.397	ng	# 92
37) Benzo(g,h,i)perylene	25.88	276	75673	0.399	ng	96

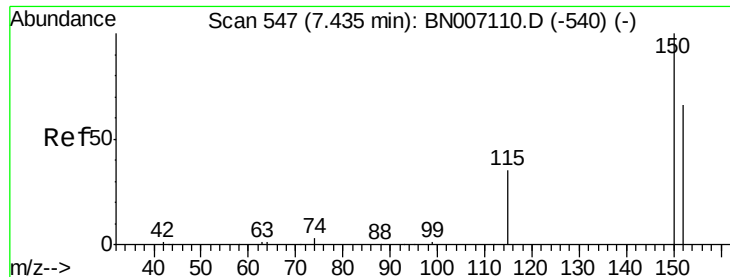
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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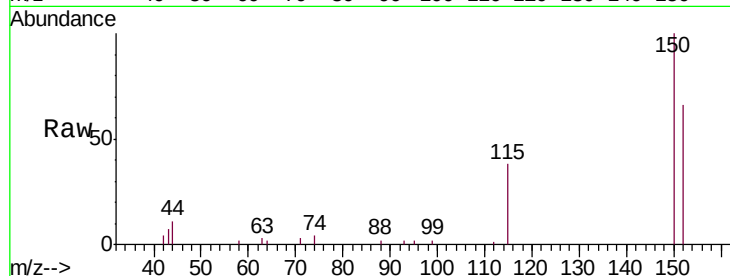


#1

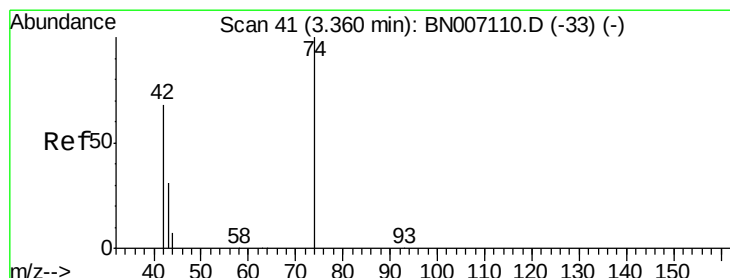
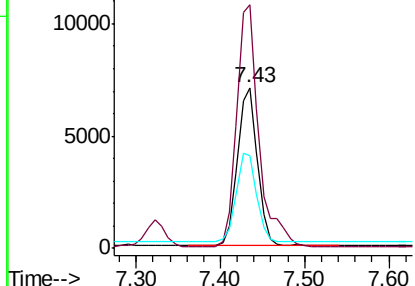
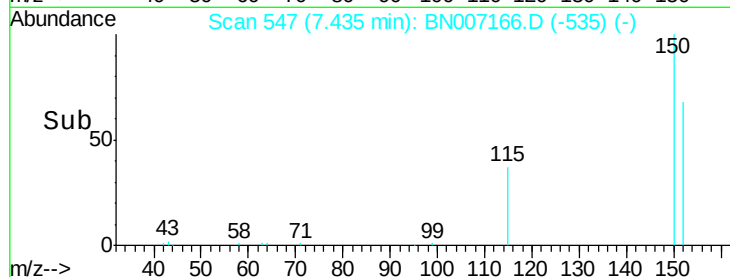
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007166.D
Acq: 14 Aug 2019 12:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 11410
Ion Ratio Lower Upper
152 100
150 151.5 121.7 182.5
115 57.9 46.2 69.4



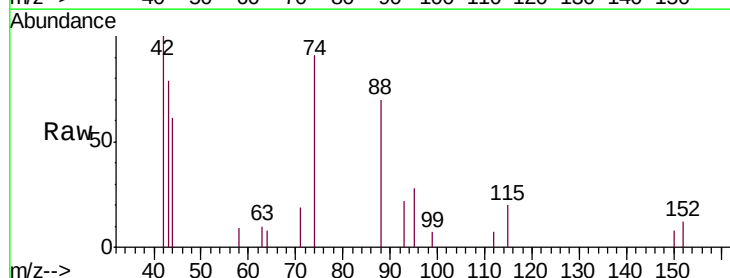
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



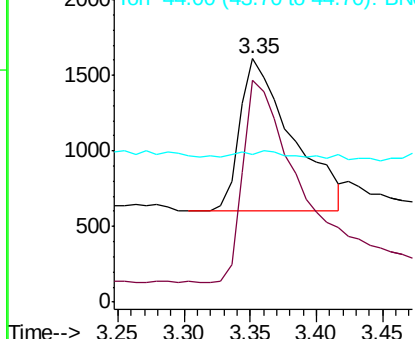
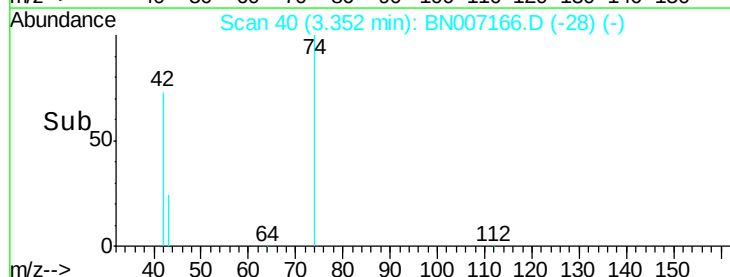
#2

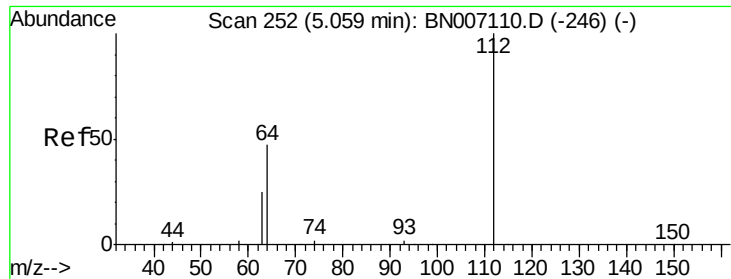
n-Nitrosodimethylamine
Concen: 0.368 ng
RT: 3.35 min Scan# 40
Delta R.T. -0.01 min
Lab File: BN007166.D
Acq: 14 Aug 2019 12:58

Tgt Ion: 42 Resp: 2761
Ion Ratio Lower Upper
42 100
74 143.8 110.6 166.0
44 3.2 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

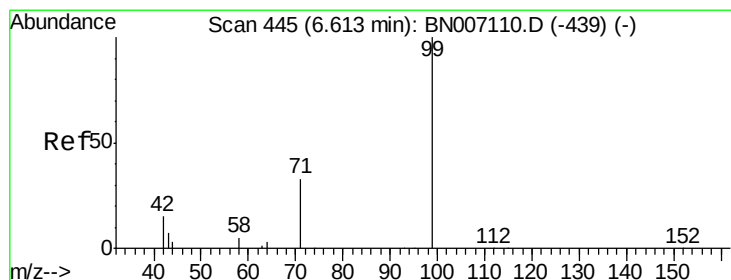
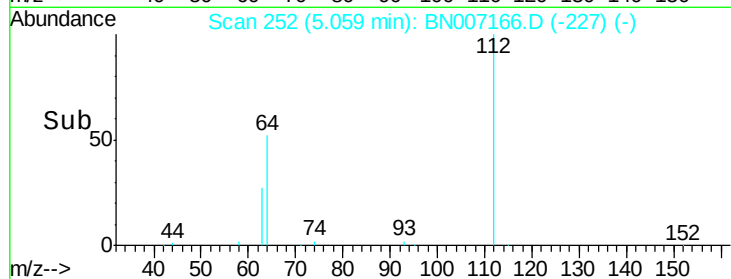
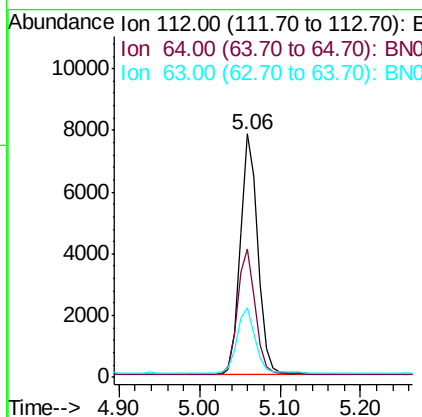
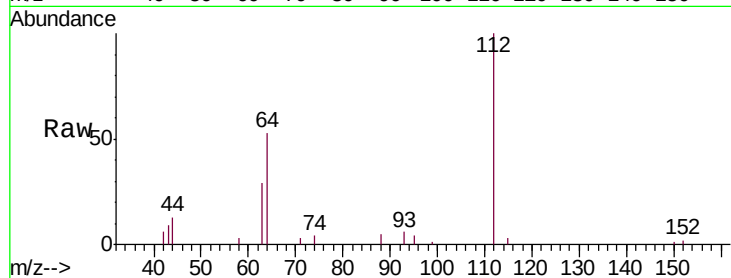




#3
2-Fluorophenol
Concen: 0.436 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007166.D
Acq: 14 Aug 2019 12:58

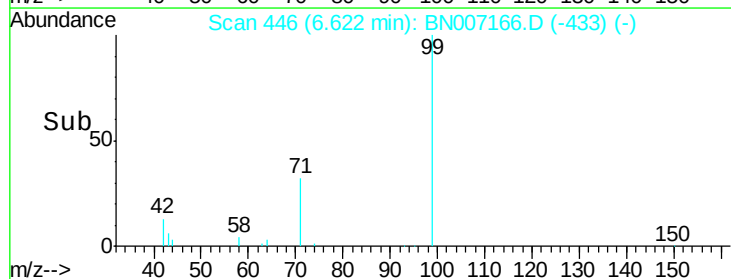
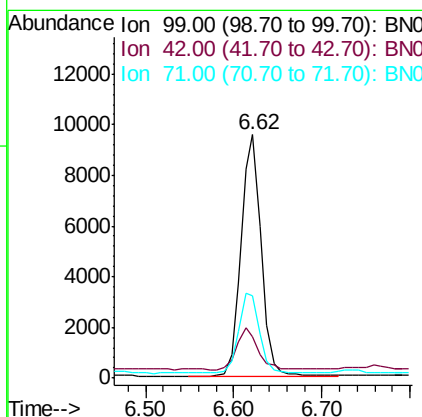
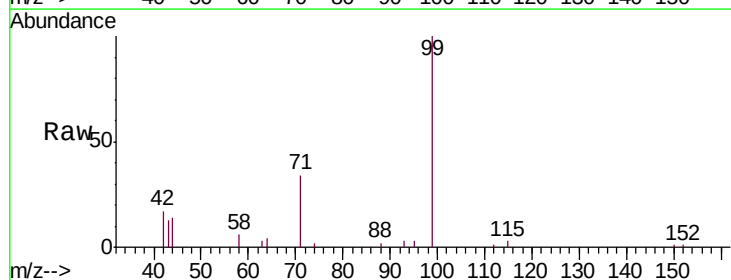
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

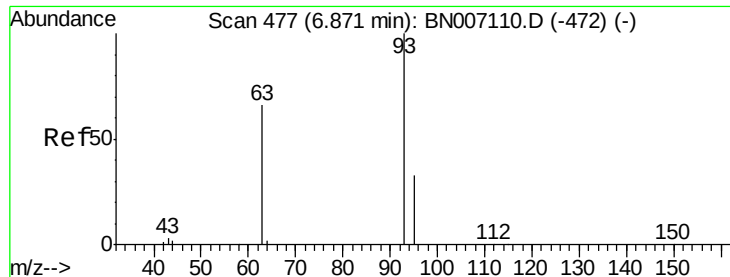
Tgt Ion: 112 Resp: 11967
Ion Ratio Lower Upper
112 100
64 51.9 42.6 63.8
63 27.4 22.2 33.2



#4
Phenol-d6
Concen: 0.445 ng
RT: 6.62 min Scan# 446
Delta R.T. 0.01 min
Lab File: BN007166.D
Acq: 14 Aug 2019 12:58

Tgt Ion: 99 Resp: 15114
Ion Ratio Lower Upper
99 100
42 18.5 15.8 23.6
71 34.0 27.0 40.4





#5

bis(2-Chloroethyl)ether

Concen: 0.389 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

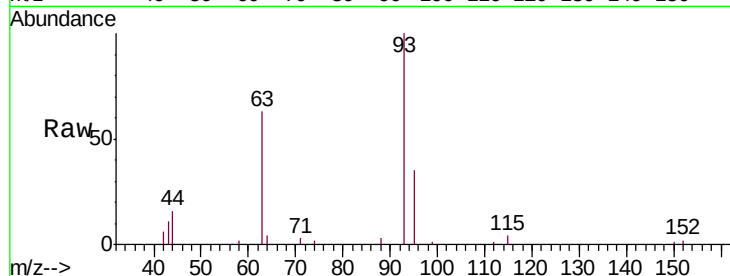
Tgt Ion: 93 Resp: 11664

Ion Ratio Lower Upper

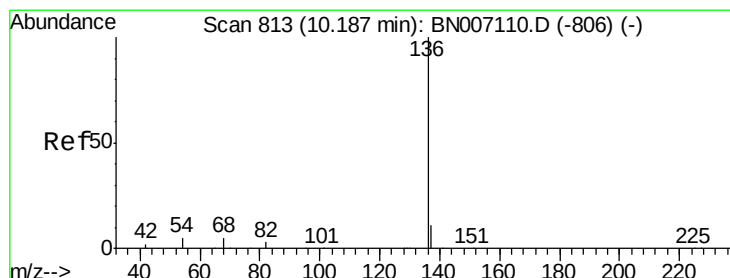
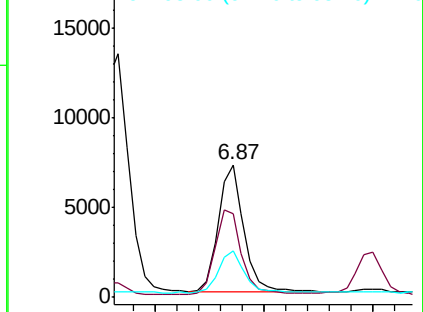
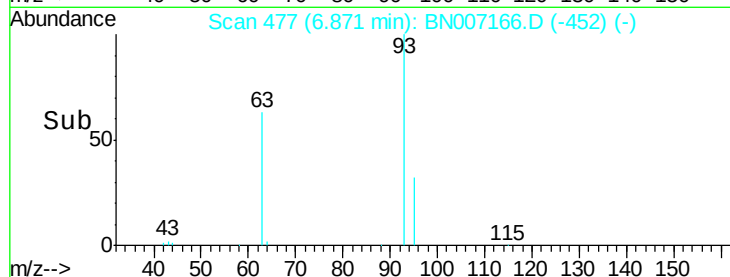
93 100

63 68.8 55.6 83.4

95 33.7 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN007166.D (-452) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

Tgt Ion: 136 Resp: 42745

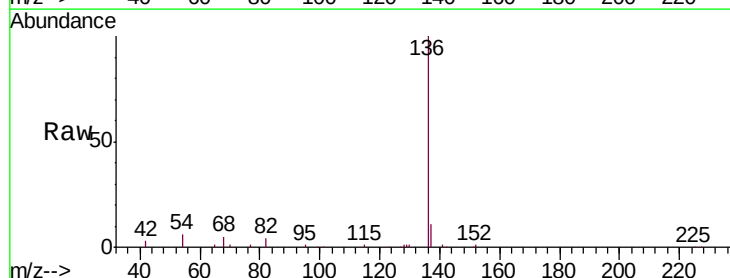
Ion Ratio Lower Upper

136 100

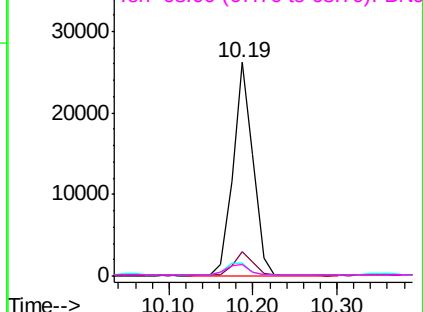
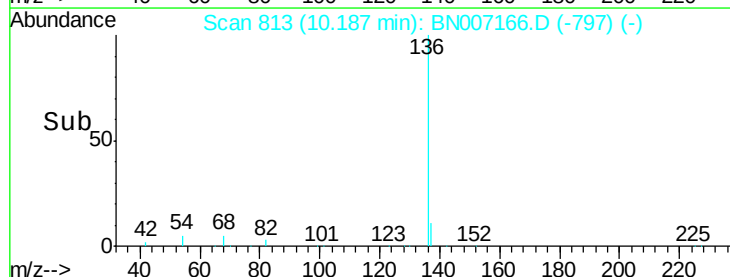
137 11.2 9.4 14.0

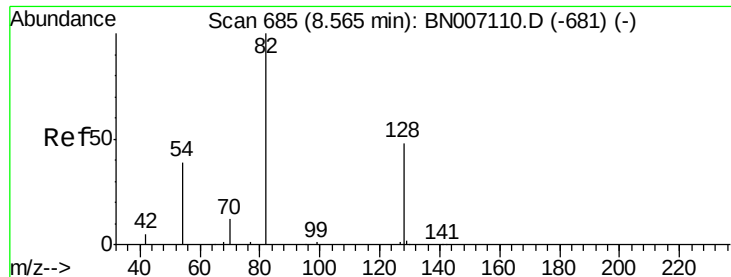
54 5.9 6.6 9.8#

68 5.4 6.0 9.0#



Abundance Ion 136.00 (135.70 to 136.70): BN007166.D (-797) (-)





#7

Nitrobenzene-d5

Concen: 0.423 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

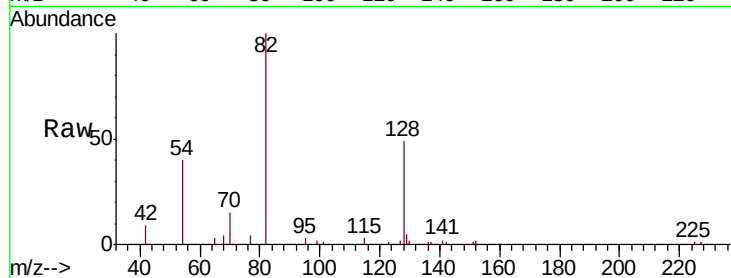
Tgt Ion: 82 Resp: 14567

Ion Ratio Lower Upper

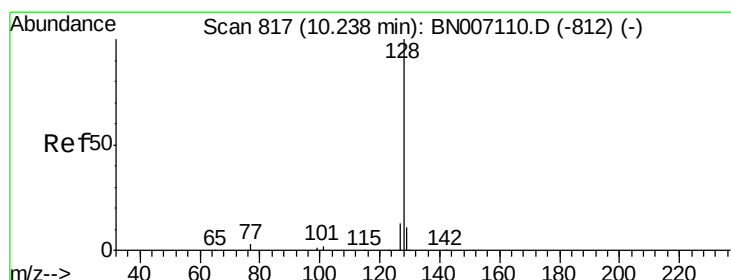
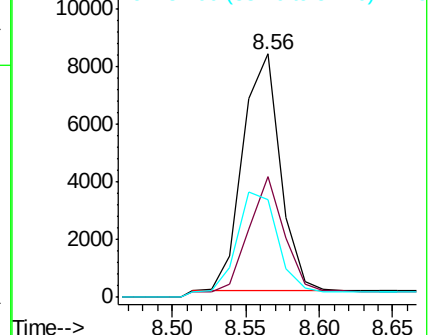
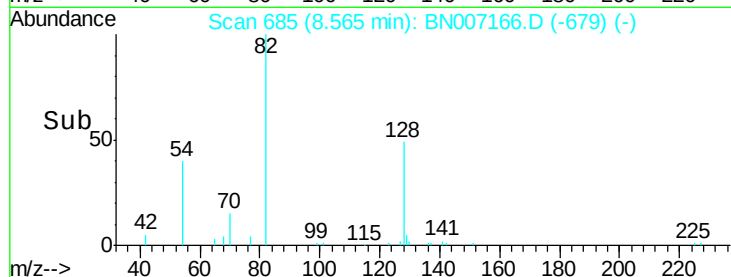
82 100

128 49.3 34.6 51.8

54 40.4 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BN007166.D (-679) (-)



#8

Naphthalene

Concen: 0.380 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

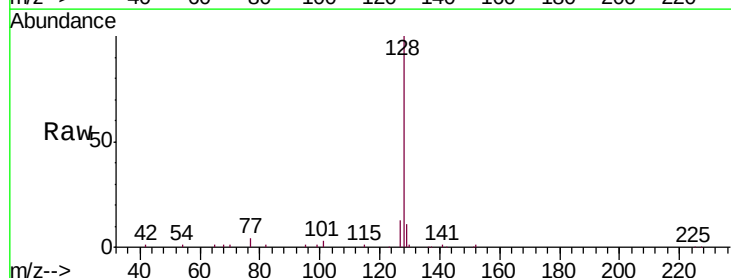
Tgt Ion: 128 Resp: 45516

Ion Ratio Lower Upper

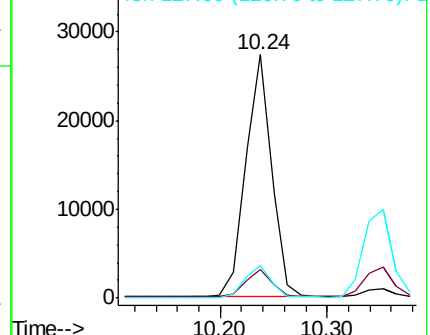
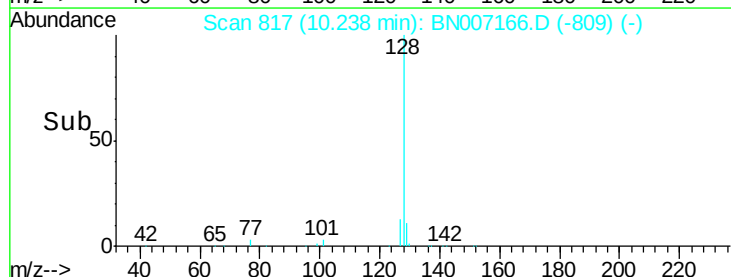
128 100

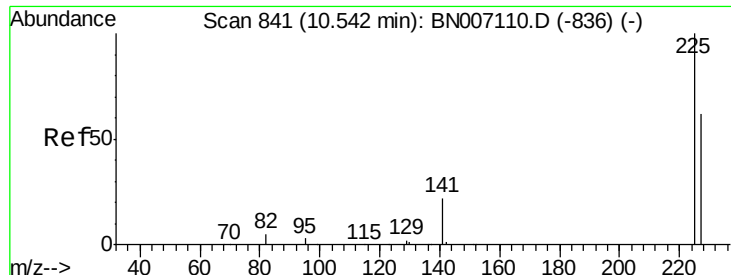
129 11.5 9.4 14.2

127 13.4 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): BN007166.D (-809) (-)





#9

Hexachlorobutadiene

Concen: 0.394 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

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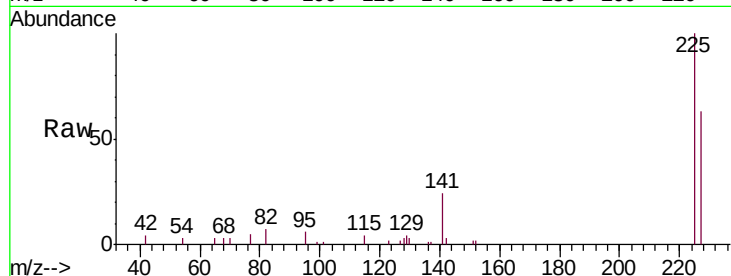
Tgt Ion: 225 Resp: 10075

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

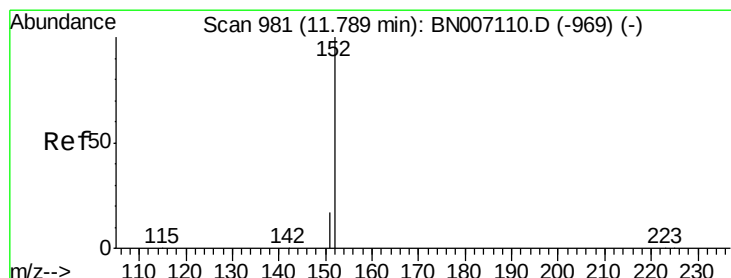
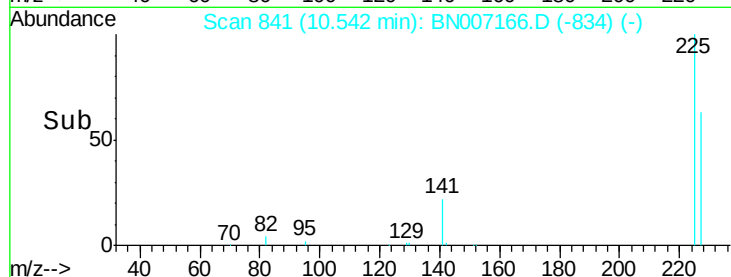
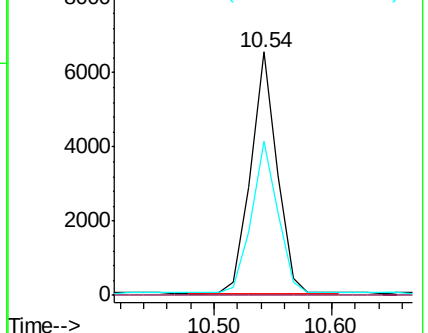
227 63.0 51.1 76.7



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: 0.372 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007166.D

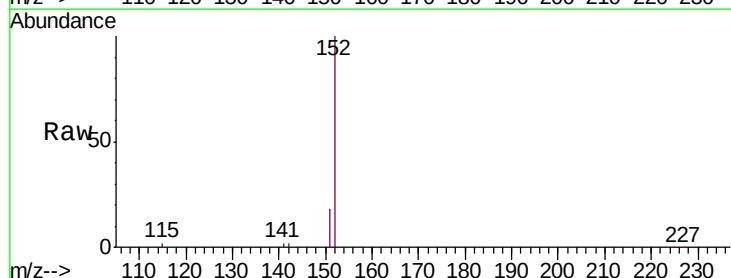
Acq: 14 Aug 2019 12:58

Tgt Ion: 152 Resp: 29667

Ion Ratio Lower Upper

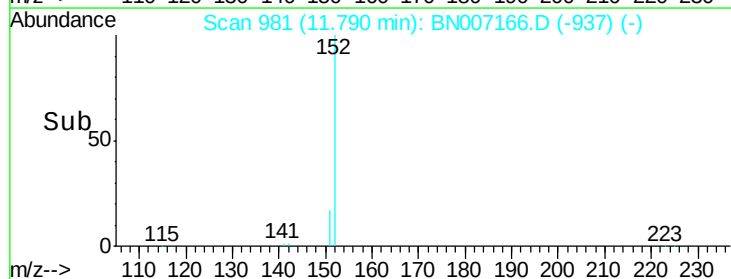
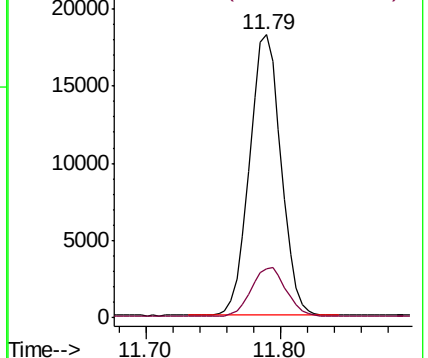
152 100

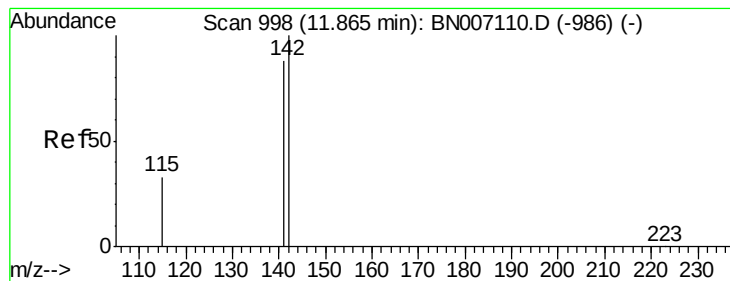
151 19.3 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.386 ng

RT: 11.87 min Scan# 998

Delta R.T. -0.00 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

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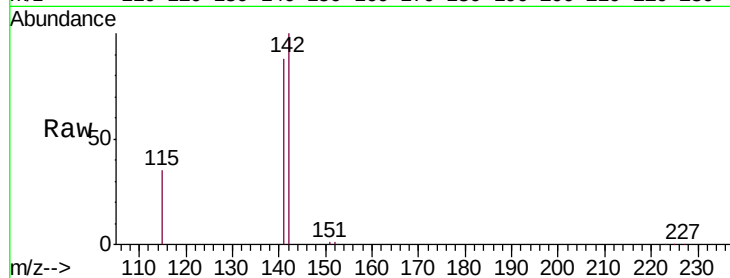
Tgt Ion:142 Resp: 32791

Ion Ratio Lower Upper

142 100

141 88.1 69.0 103.6

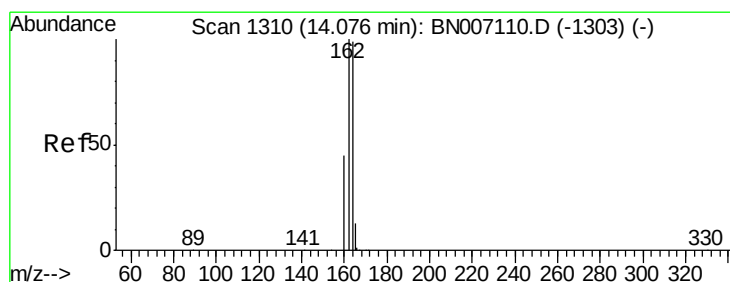
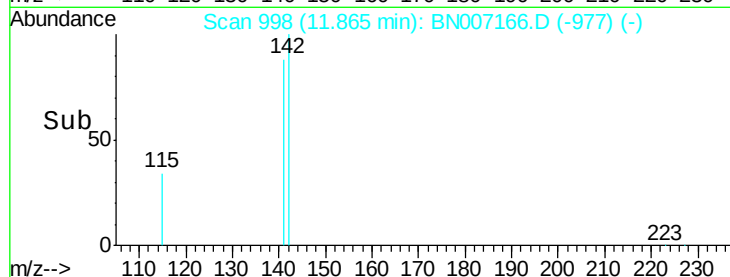
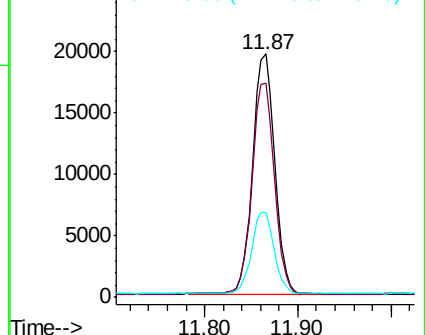
115 34.7 27.1 40.7



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: BN007166.D

Acq: 14 Aug 2019 12:58

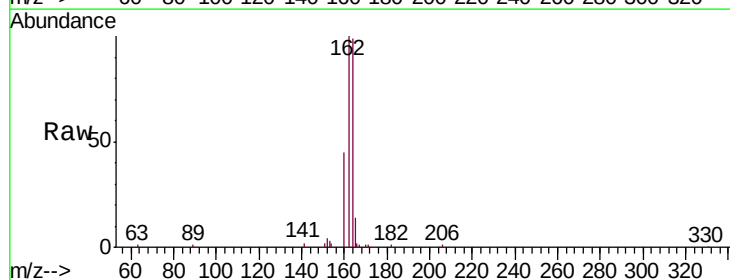
Tgt Ion:164 Resp: 24087

Ion Ratio Lower Upper

164 100

162 100.6 82.2 123.4

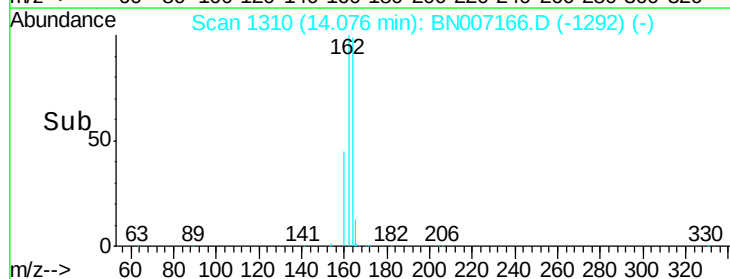
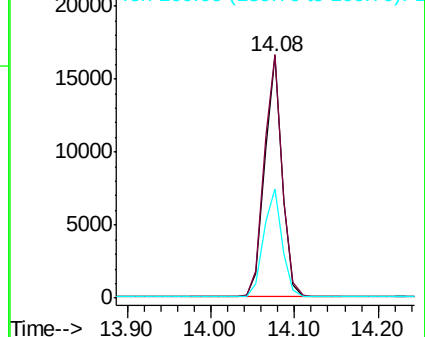
160 45.3 38.3 57.5

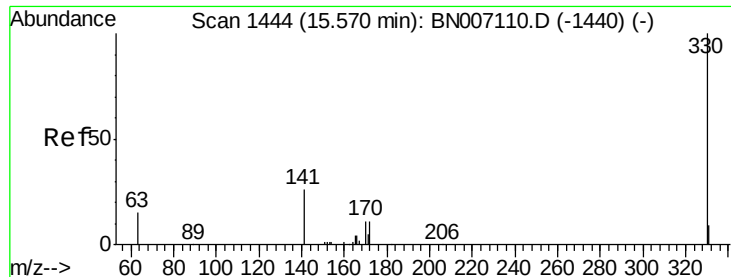


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

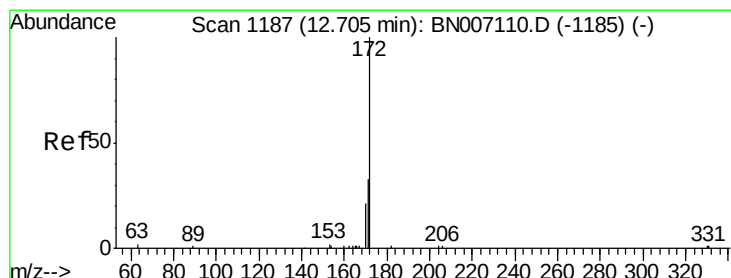
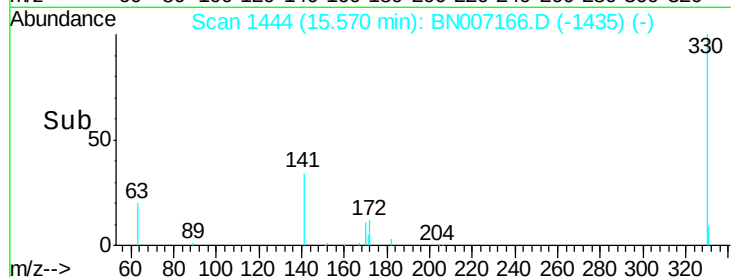
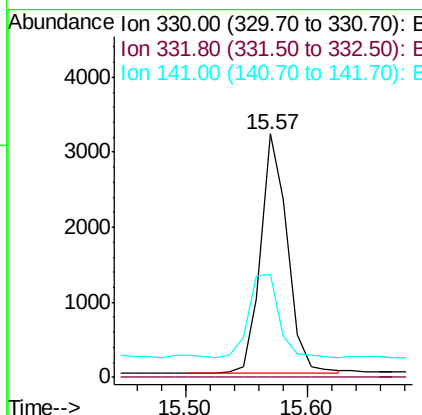
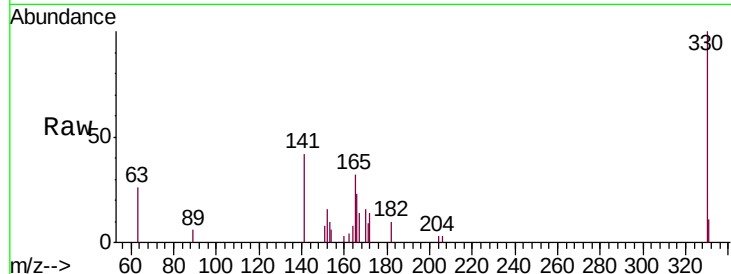




#13
 2,4,6-Tribromophenol
 Concen: 0.373 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007166.D
 Acq: 14 Aug 2019 12:58

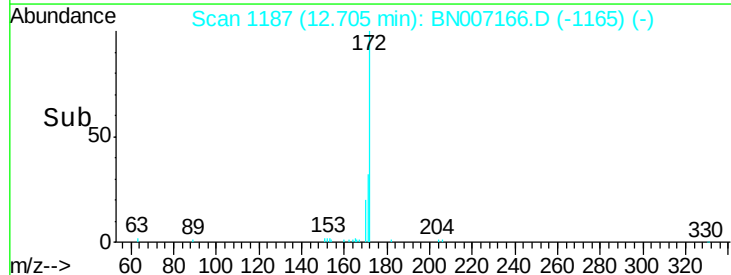
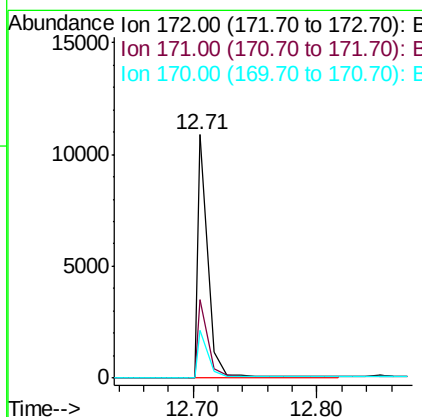
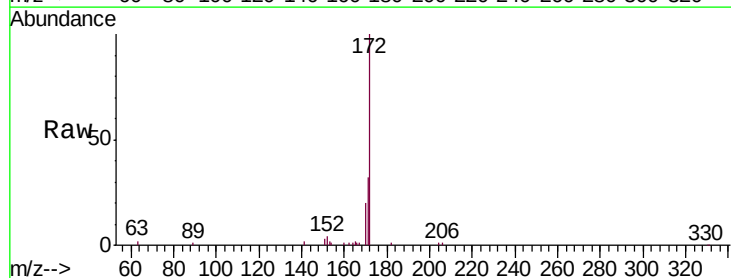
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

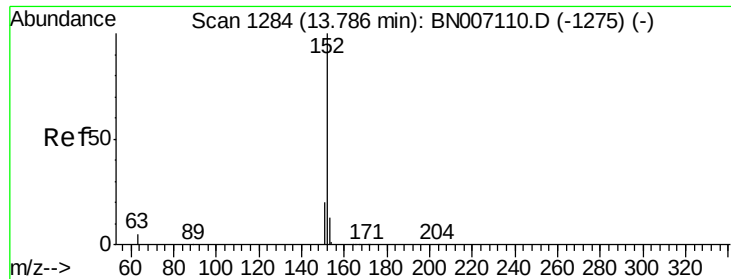
Tgt Ion: 330 Resp: 4840
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 39.8 33.6 50.4



#14
 2-Fluorobiphenyl
 Concen: 0.222 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007166.D
 Acq: 14 Aug 2019 12:58

Tgt Ion: 172 Resp: 7776
 Ion Ratio Lower Upper
 172 100
 171 32.3 26.3 39.5
 170 19.8 17.0 25.4





#15

Acenaphthylene

Concen: 0.704 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

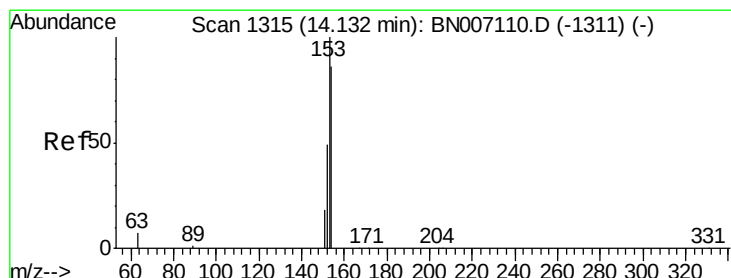
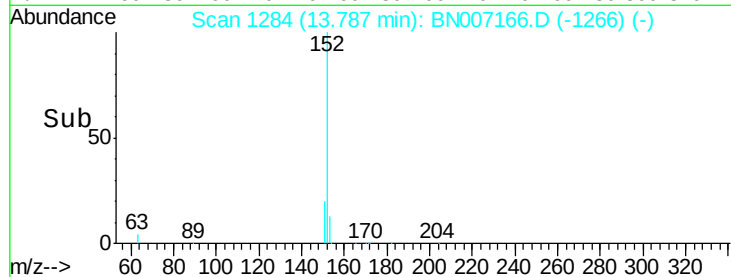
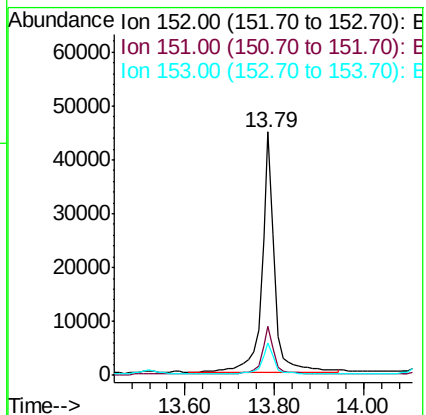
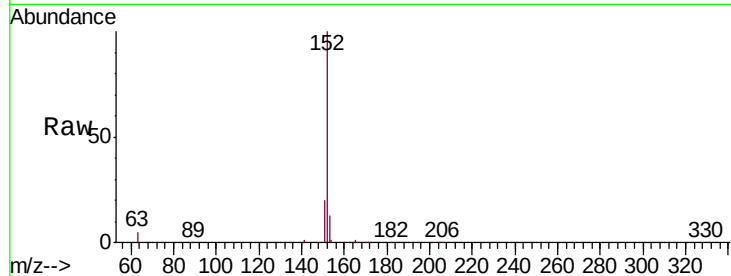
Tgt Ion:152 Resp: 88658

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 12.2 10.4 15.6



#16

Acenaphthene

Concen: 0.412 ng

RT: 14.13 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

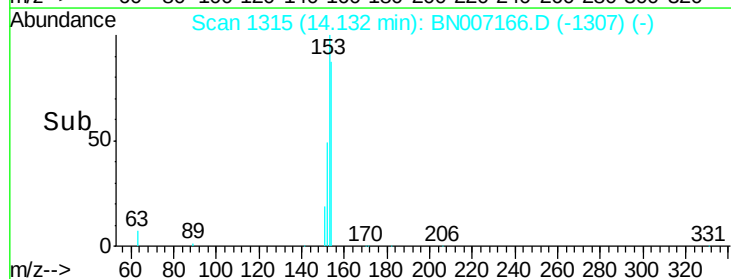
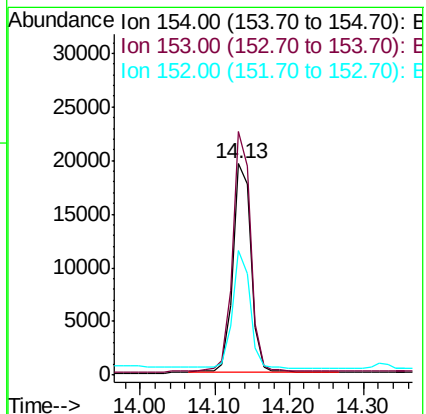
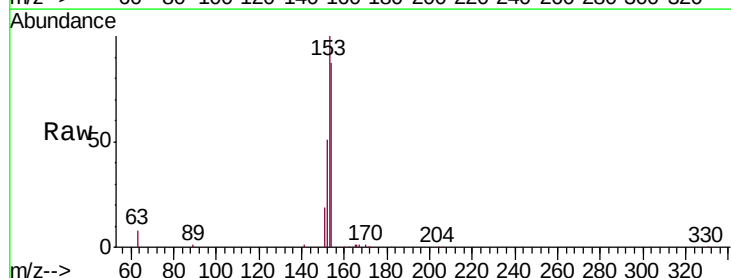
Tgt Ion:154 Resp: 33227

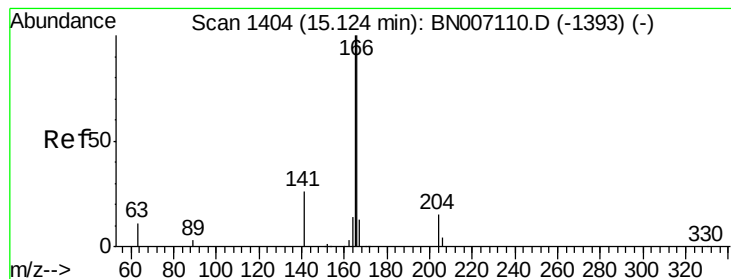
Ion Ratio Lower Upper

154 100

153 112.3 89.5 134.3

152 55.3 44.8 67.2





#17

Fluorene

Concen: 0.387 ng

RT: 15.14 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

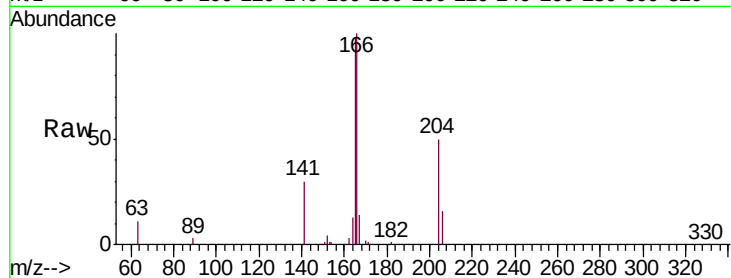
Tgt Ion:166 Resp: 46692

Ion Ratio Lower Upper

166 100

165 105.3 77.9 116.9

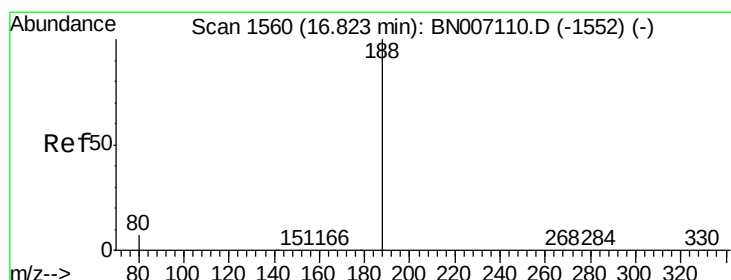
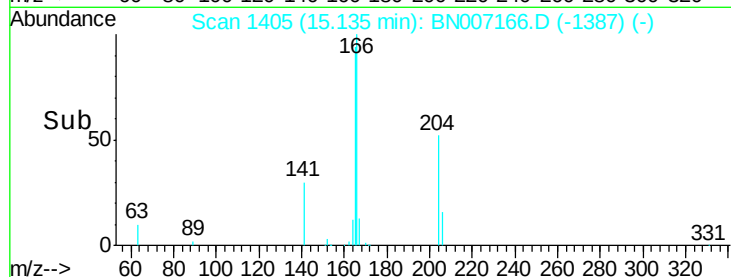
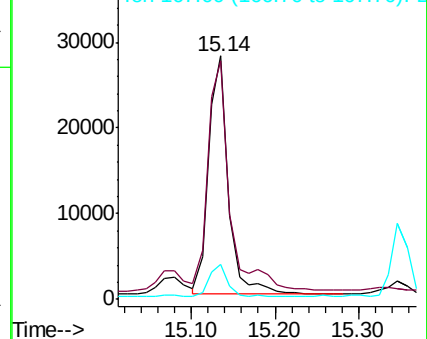
167 12.7 10.9 16.3



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



#18

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.82 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

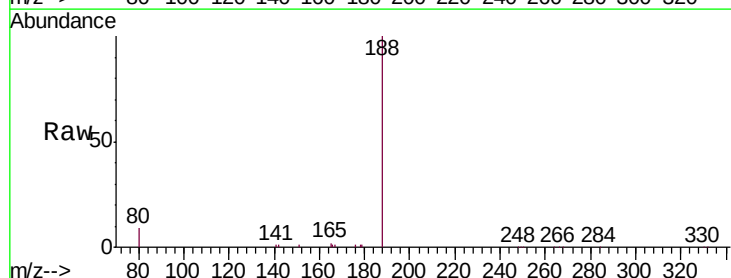
Tgt Ion:188 Resp: 54692

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

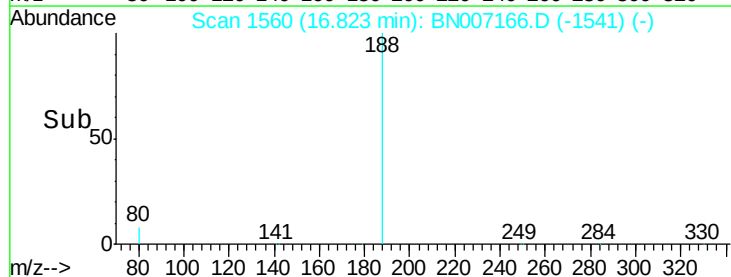
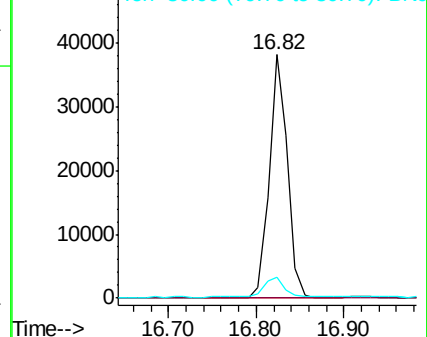
80 8.8 7.8 11.6

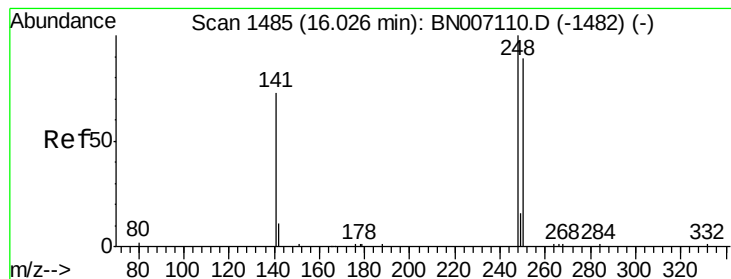


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#19

4-Bromophenyl-phenylether

Concen: 0.401 ng

RT: 16.03 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

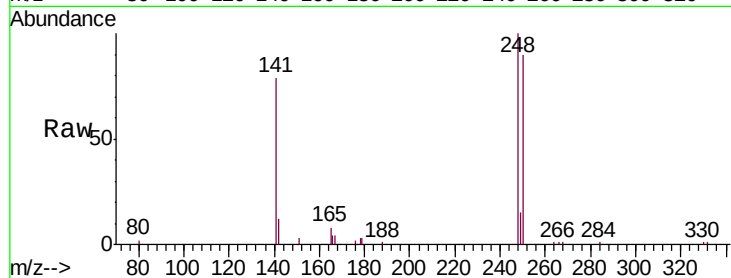
Tgt Ion:248 Resp: 13576

Ion Ratio Lower Upper

248 100

250 90.4 78.9 118.3

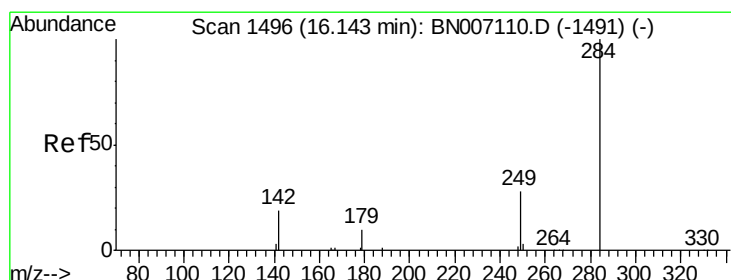
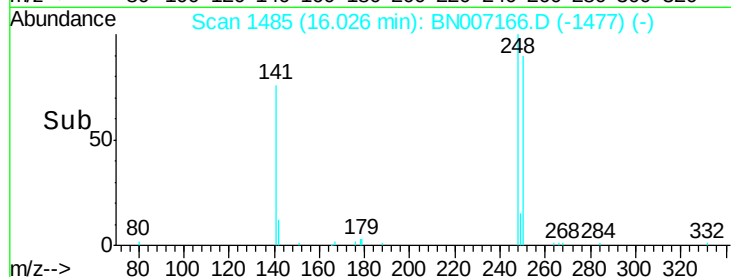
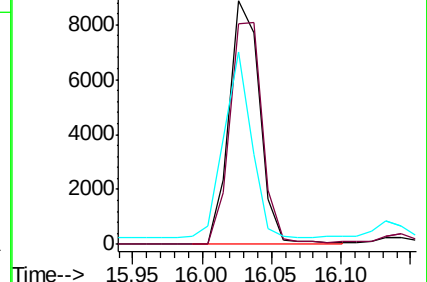
141 78.9 43.3 64.9#



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



#20

Hexachlorobenzene

Concen: 0.405 ng

RT: 16.14 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

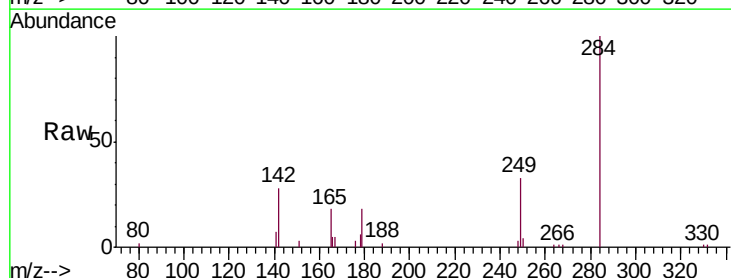
Tgt Ion:284 Resp: 13166

Ion Ratio Lower Upper

284 100

142 37.3 30.5 45.7

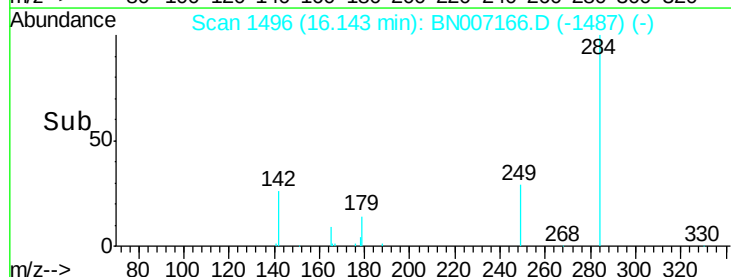
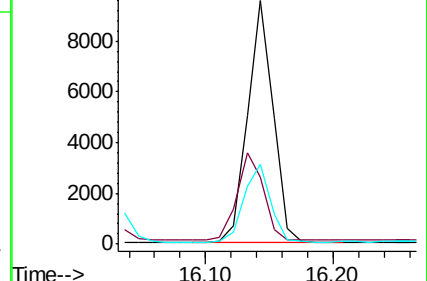
249 33.2 26.7 40.1

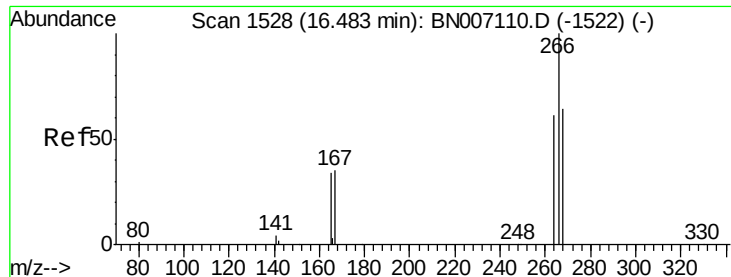


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

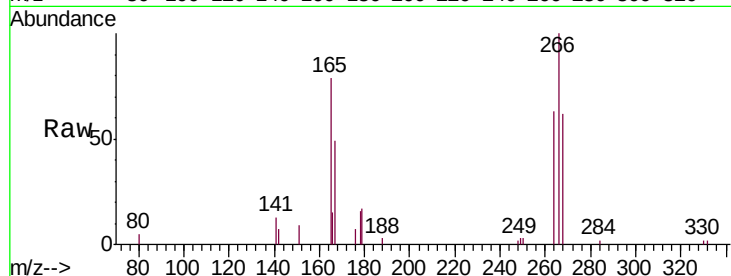




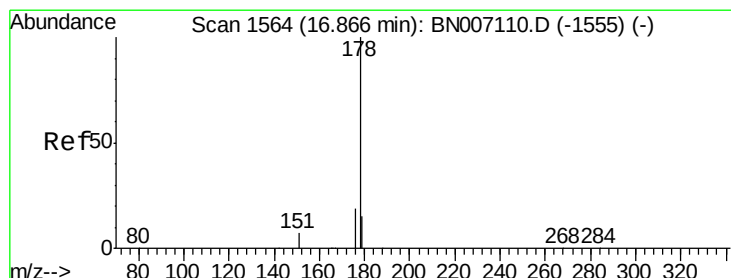
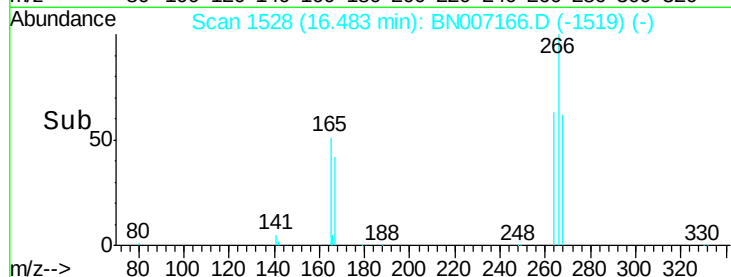
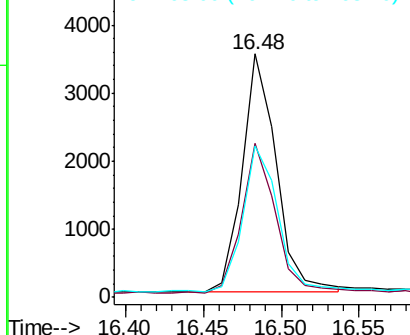
#21
 Pentachlorophenol
 Concen: 0.434 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007166.D
 Acq: 14 Aug 2019 12:58

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4EC

Tgt Ion: 266 Resp: 5258
 Ion Ratio Lower Upper
 266 100
 264 63.3 52.3 78.5
 268 62.4 51.5 77.3

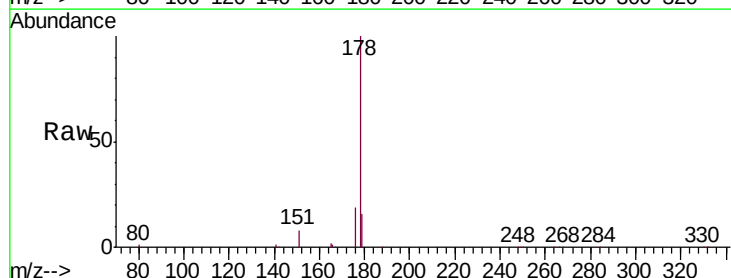


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

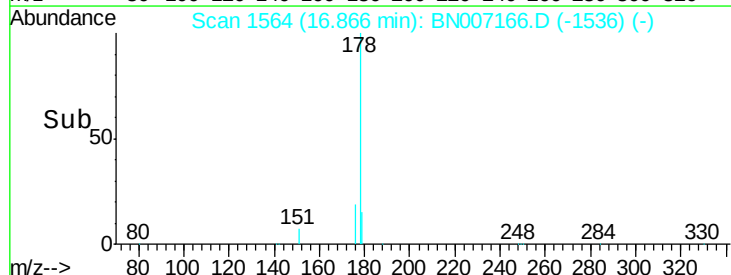
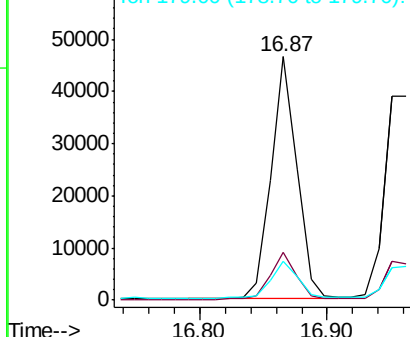


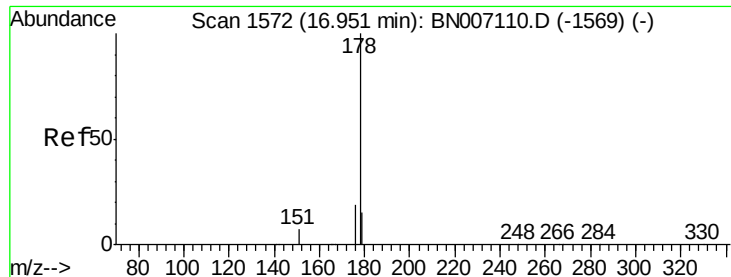
#22
 Phenanthrene
 Concen: 0.394 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007166.D
 Acq: 14 Aug 2019 12:58

Tgt Ion: 178 Resp: 64502
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 16.4 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: 0.424 ng

RT: 16.96 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

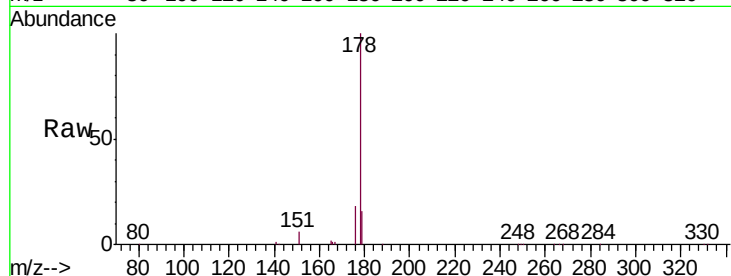
Tgt Ion:178 Resp: 63488

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

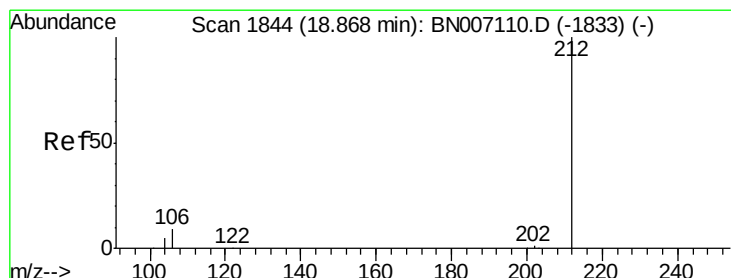
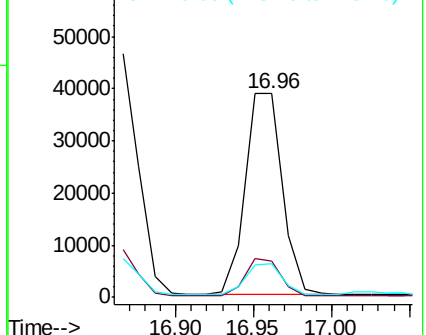
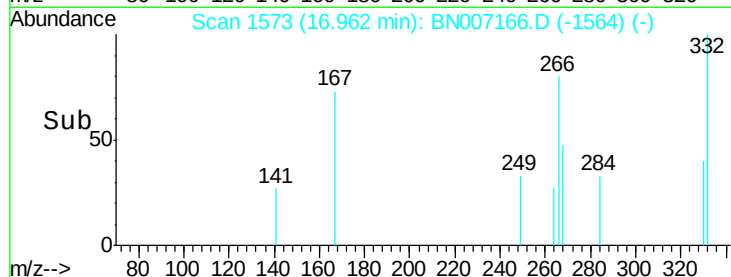
179 15.3 12.5 18.7



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: 0.367 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

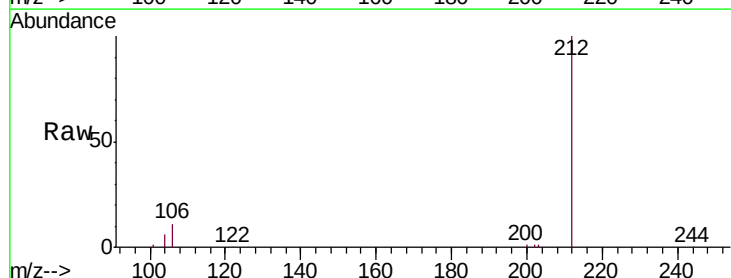
Tgt Ion:212 Resp: 71213

Ion Ratio Lower Upper

212 100

106 10.4 8.2 12.2

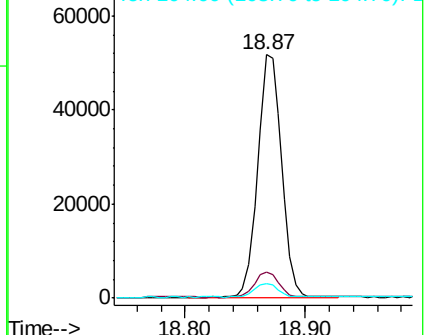
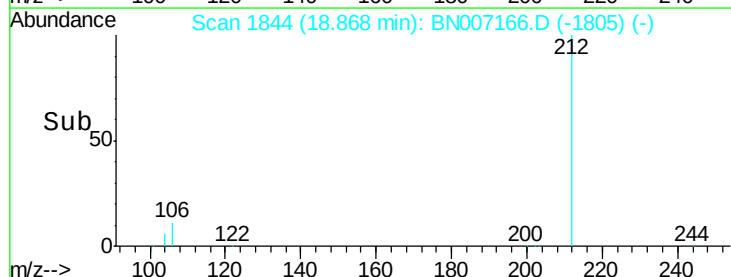
104 5.7 4.5 6.7

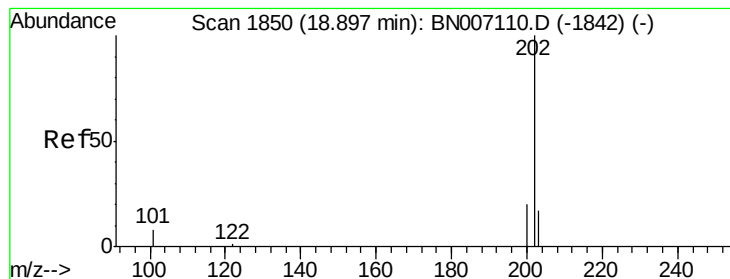


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.376 ng

RT: 18.90 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

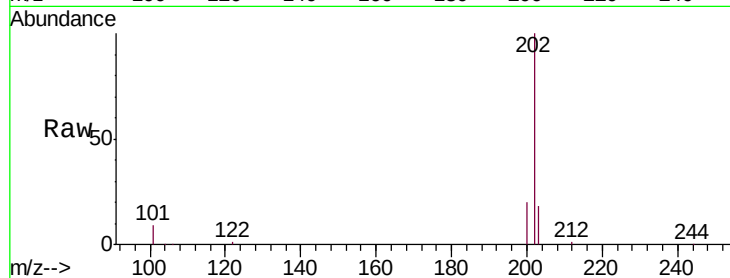
Tgt Ion:202 Resp: 78781

Ion Ratio Lower Upper

202 100

101 9.0 7.0 10.4

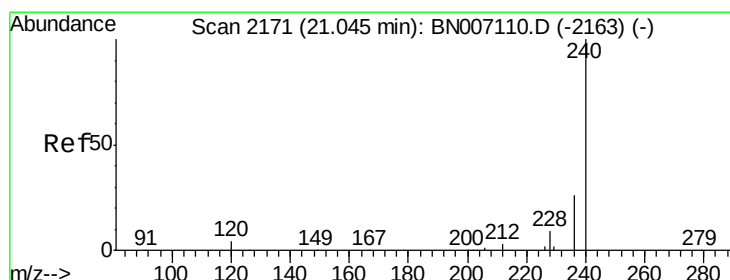
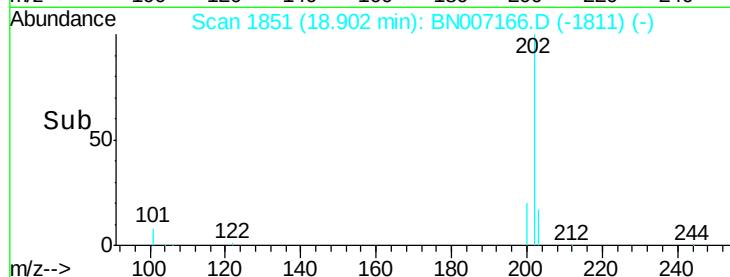
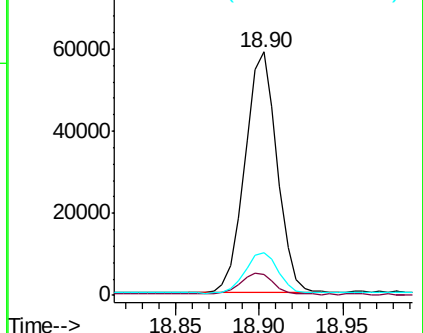
203 17.2 13.8 20.8



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: BN007166.D

Acq: 14 Aug 2019 12:58

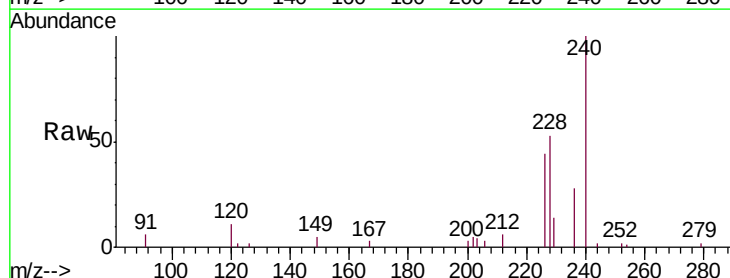
Tgt Ion:240 Resp: 53863

Ion Ratio Lower Upper

240 100

120 11.1 4.0 6.0#

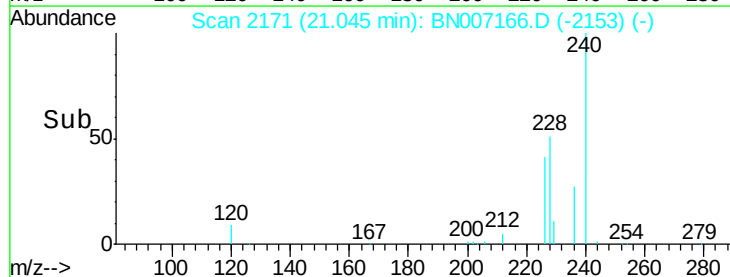
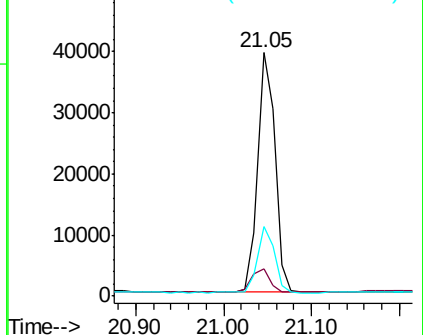
236 28.4 21.3 31.9

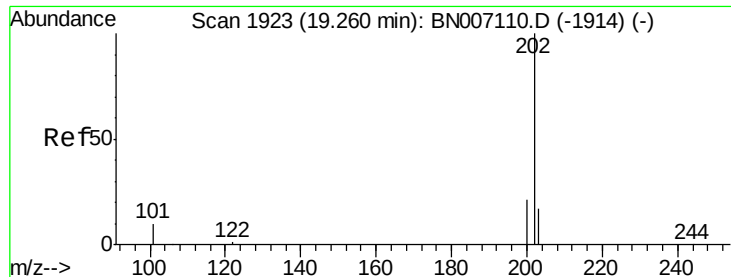


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

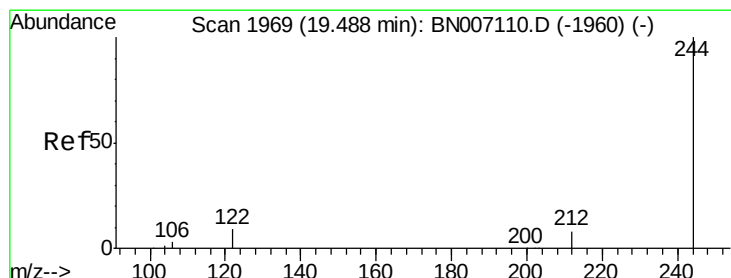
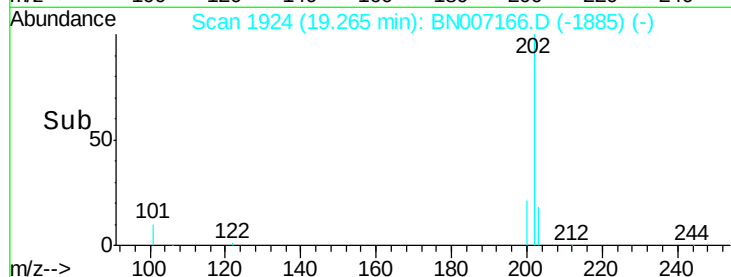
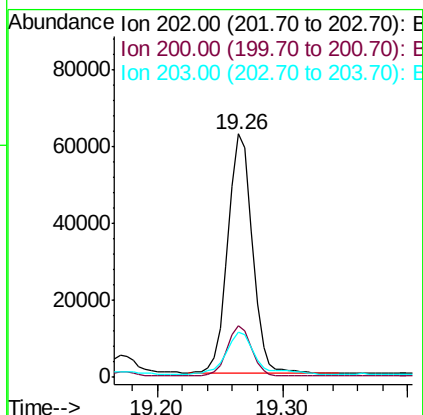
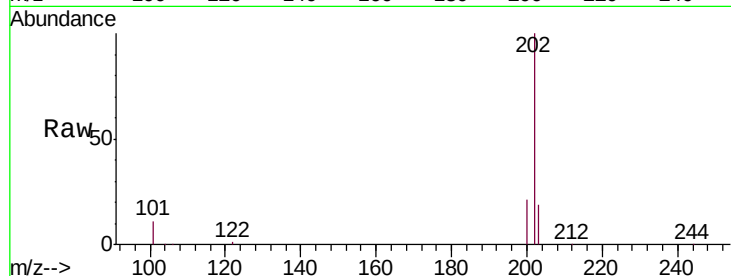




#27
 Pyrene
 Concen: 0.447 ng
 RT: 19.26 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BN007166.D
 Acq: 14 Aug 2019 12:58

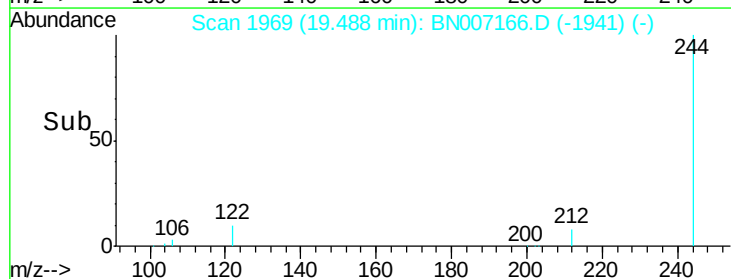
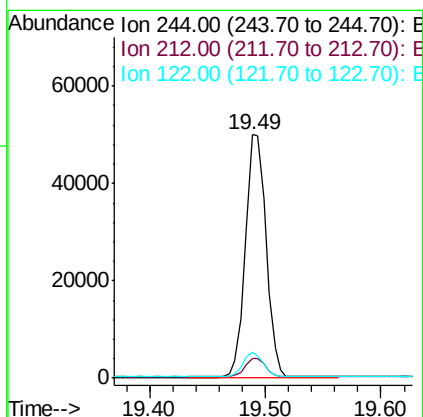
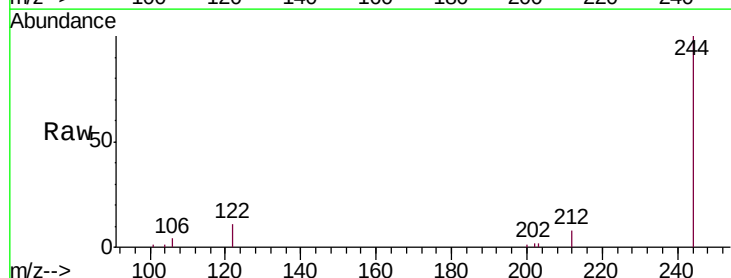
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

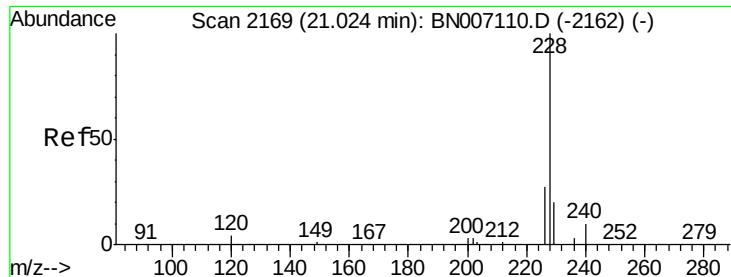
Tgt Ion:202 Resp: 84400
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.6 24.8
 203 19.0 14.0 21.0



#28
 Terphenyl-d14
 Concen: 0.421 ng
 RT: 19.49 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BN007166.D
 Acq: 14 Aug 2019 12:58

Tgt Ion:244 Resp: 61798
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 10.9 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.422 ng m

RT: 21.03 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

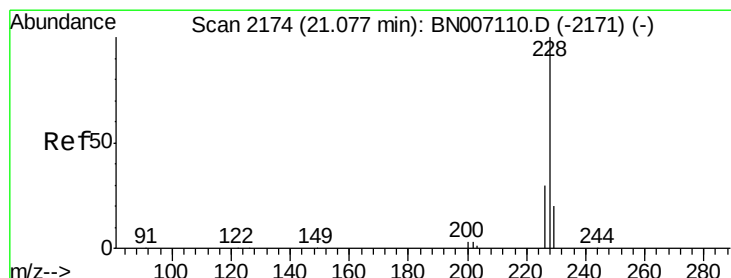
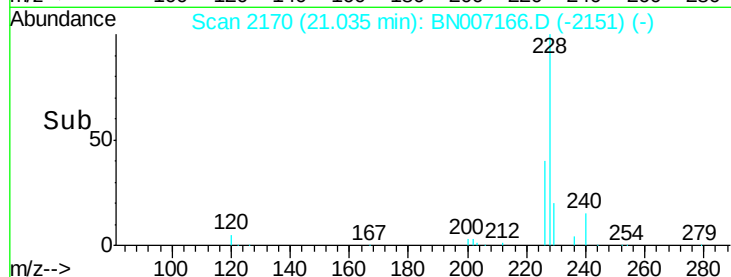
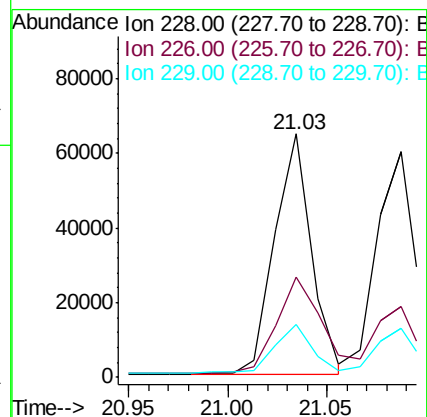
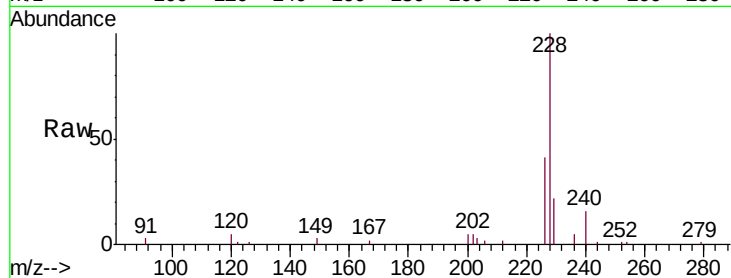
Tgt Ion:228 Resp: 83102

Ion Ratio Lower Upper

228 100

226 41.3 21.8 32.6#

229 21.5 15.6 23.4



#30

Chrysene

Concen: 0.415 ng

RT: 21.09 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

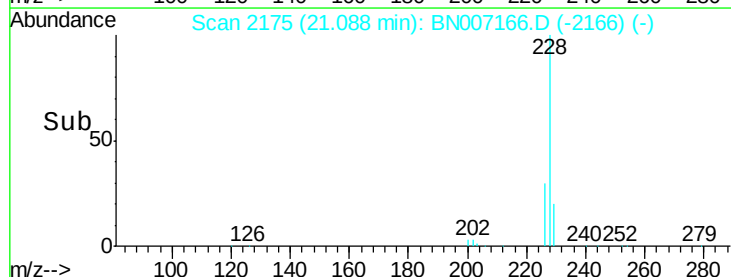
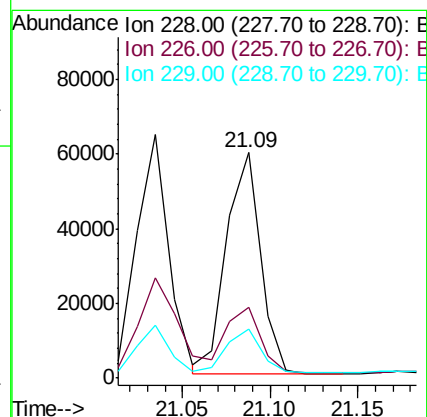
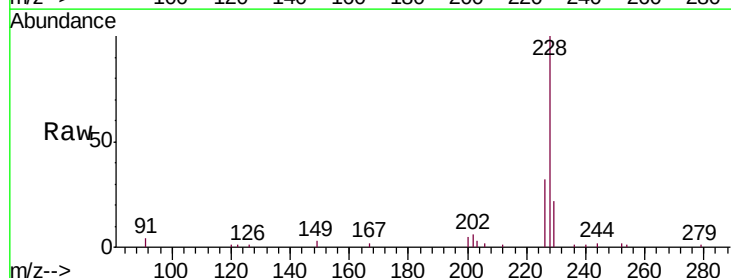
Tgt Ion:228 Resp: 79429

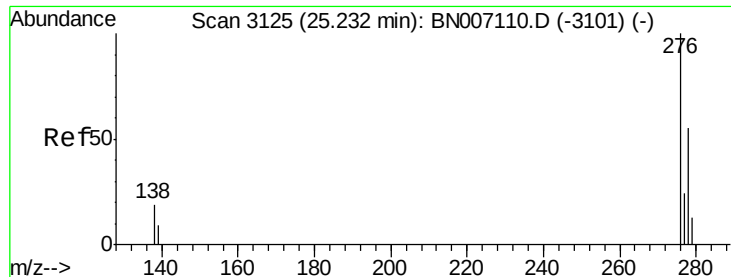
Ion Ratio Lower Upper

228 100

226 31.5 23.8 35.6

229 21.5 15.7 23.5





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.429 ng

RT: 25.25 min Scan# 3130

Delta R.T. -0.00 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

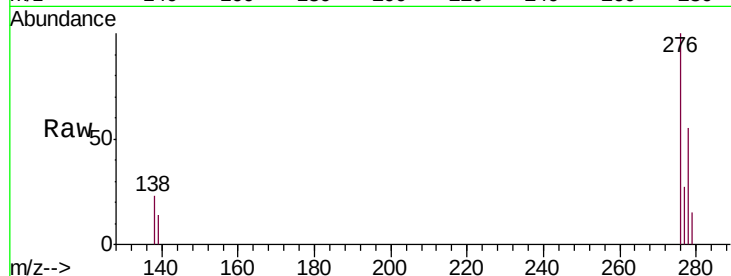
Tgt Ion: 276 Resp: 90427

Ion Ratio Lower Upper

276 100

138 22.0 16.0 24.0

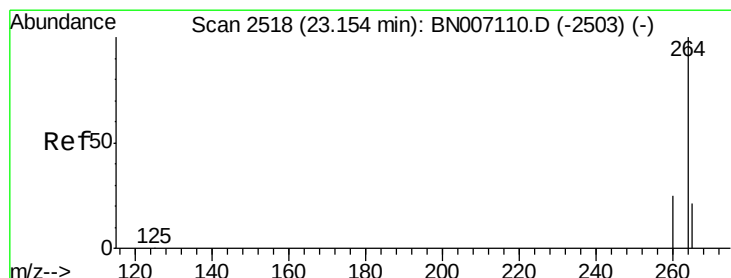
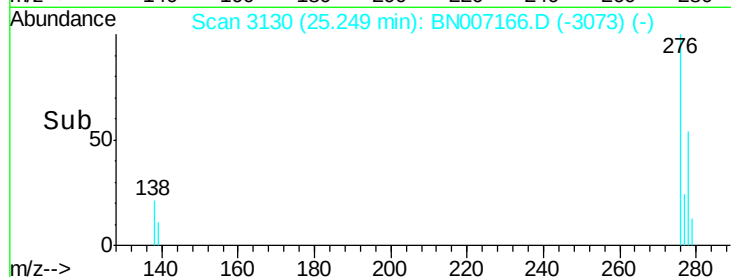
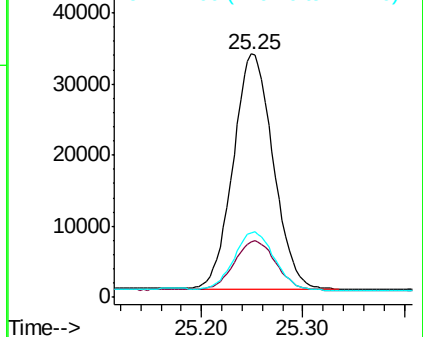
277 25.1 19.9 29.9



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: 23.17 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

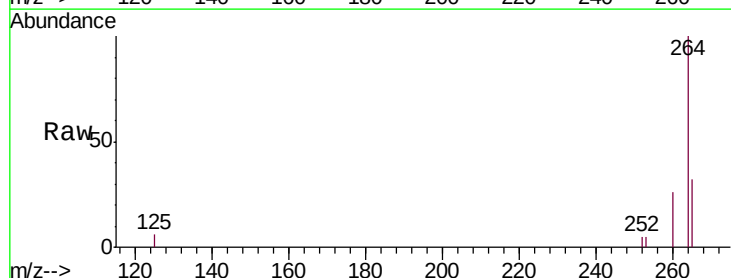
Tgt Ion: 264 Resp: 59471

Ion Ratio Lower Upper

264 100

260 25.7 19.8 29.8

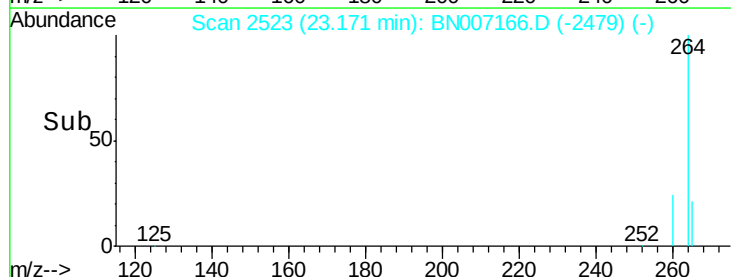
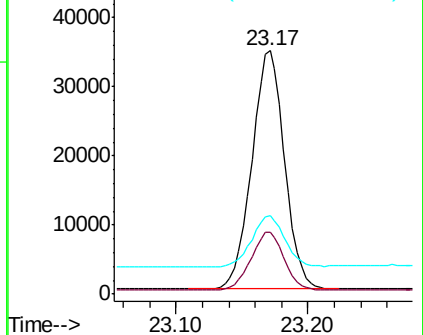
265 32.0 26.2 39.4

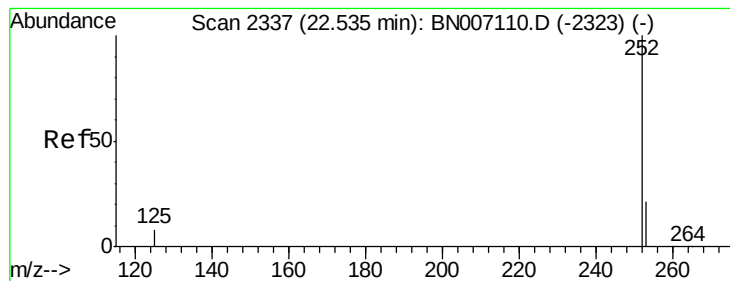


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.392 ng

RT: 22.54 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

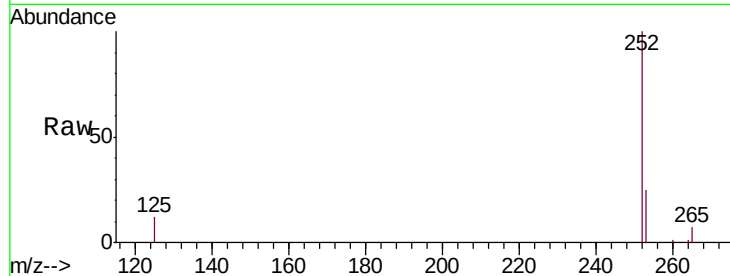
Tgt Ion:252 Resp: 79888

Ion Ratio Lower Upper

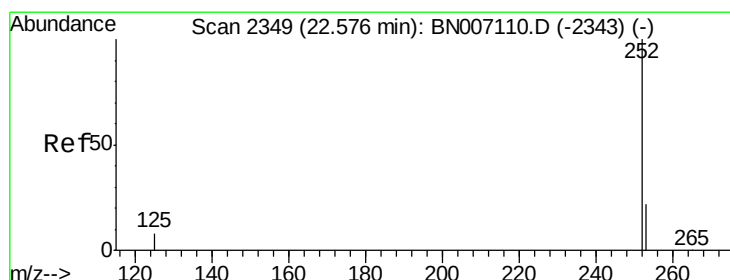
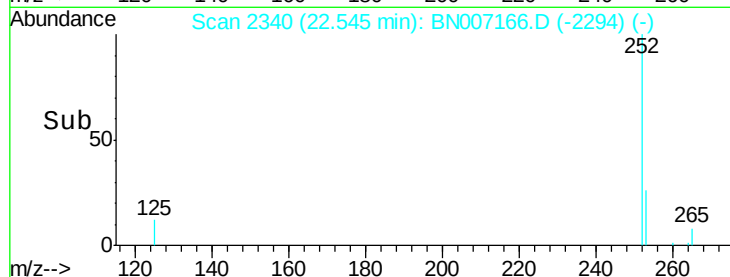
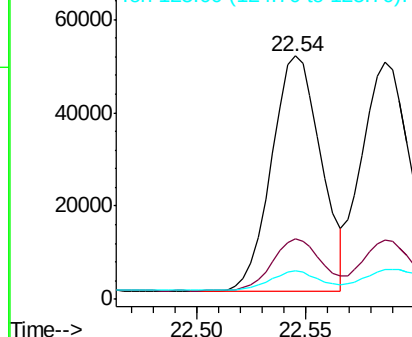
252 100

253 24.7 18.2 27.2

125 11.6 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: 0.382 ng

RT: 22.59 min Scan# 2352

Delta R.T. -0.00 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

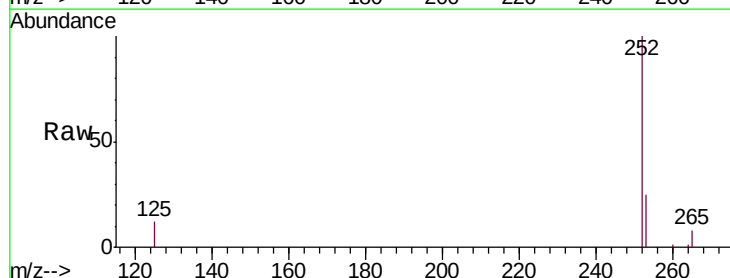
Tgt Ion:252 Resp: 76886

Ion Ratio Lower Upper

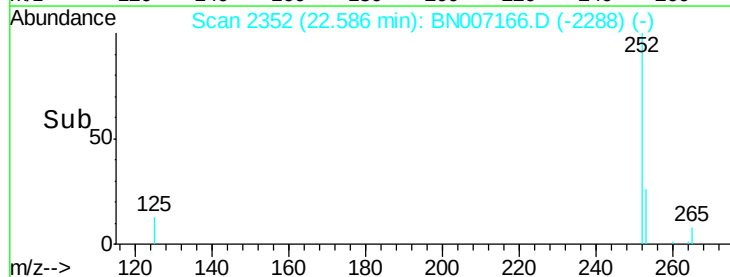
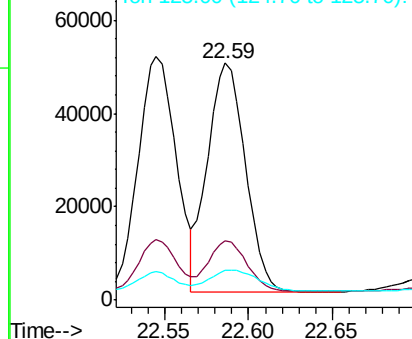
252 100

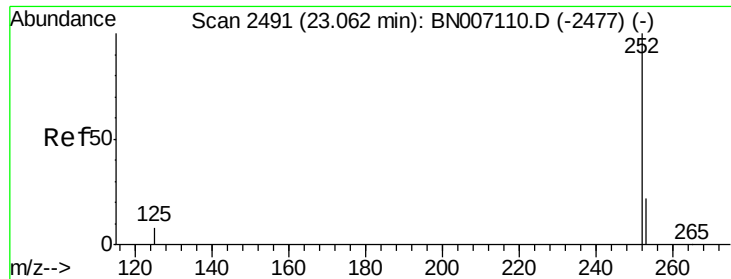
253 24.9 18.1 27.1

125 12.5 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: 0.412 ng

RT: 23.08 min Scan# 2495

Delta R.T. -0.01 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

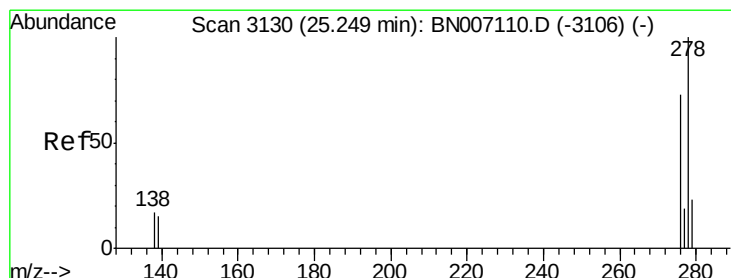
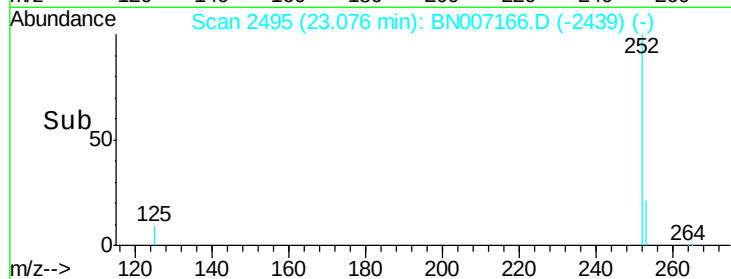
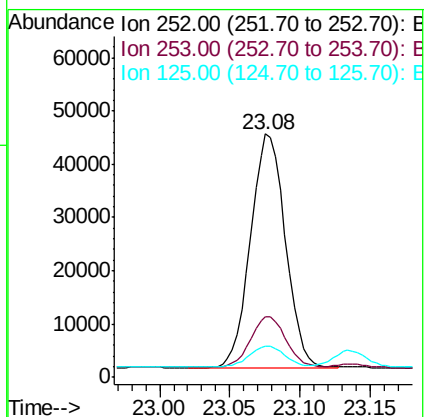
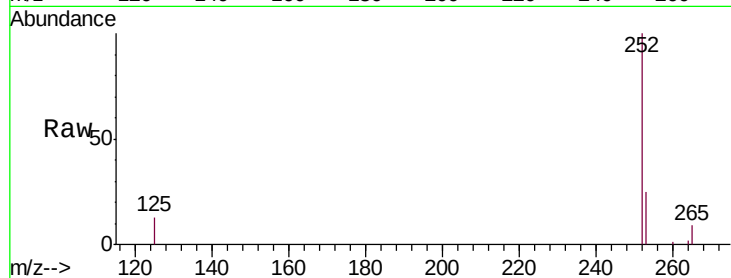
Tgt Ion:252 Resp: 76181

Ion Ratio Lower Upper

252 100

253 24.9 18.5 27.7

125 12.7 8.2 12.4#



#36

Dibenzo(a,h)anthracene

Concen: 0.397 ng

RT: 25.27 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BN007166.D

Acq: 14 Aug 2019 12:58

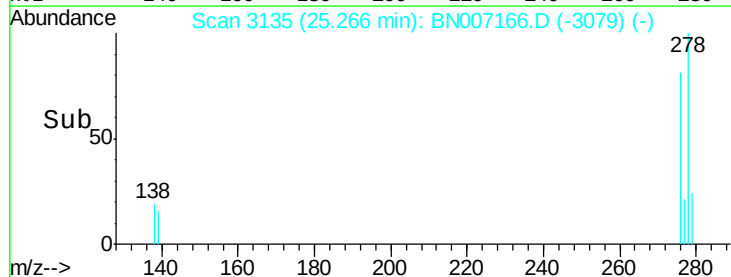
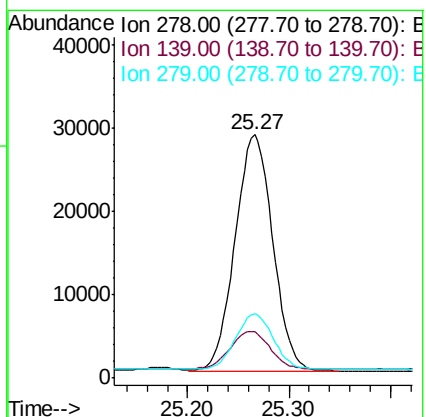
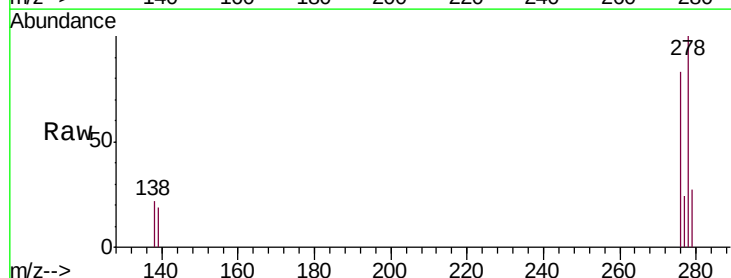
Tgt Ion:278 Resp: 73301

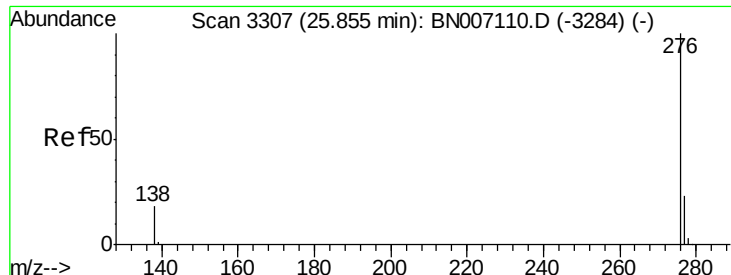
Ion Ratio Lower Upper

278 100

139 19.0 11.3 16.9#

279 26.6 19.3 28.9





#37

Benzo(g,h,i)perylene

Concen: 0.399 ng

RT: 25.88 min Scan# 3314

Delta R.T. -0.00 min

Lab File: BN007166.D

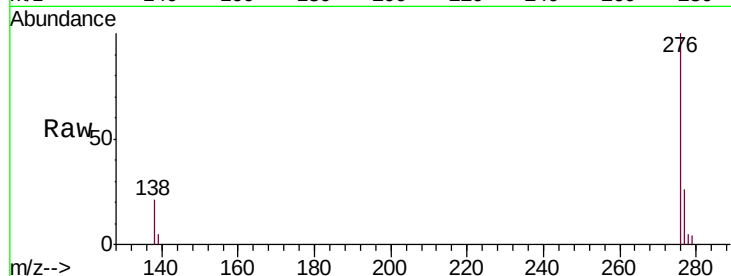
Acq: 14 Aug 2019 12:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 75673

Ion Ratio Lower Upper

276 100

277 26.4 19.8 29.8

138 20.8 14.6 22.0

