

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
 Data File : BN007089.D
 Acq On : 11 Aug 2019 16:27
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 12 04:44:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 10 21:44:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	8586	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	32005	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	18159	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	43345	0.40	ng	0.00
26) Chrysene-d12	21.05	240	43593	0.40	ng	-0.01
32) Perylene-d12	23.15	264	44340	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	7405	0.36	ng	0.00
4) Phenol-d6	6.61	99	9271	0.36	ng	0.00
7) Nitrobenzene-d5	8.56	82	8919	0.35	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	21986	0.37	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	2513	0.26	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	7259	0.27	ng	0.00
24) Fluoranthene-d10	18.87	212	53284	0.35	ng	0.00
28) Terphenyl-d14	19.49	244	46473	0.39	ng	0.00

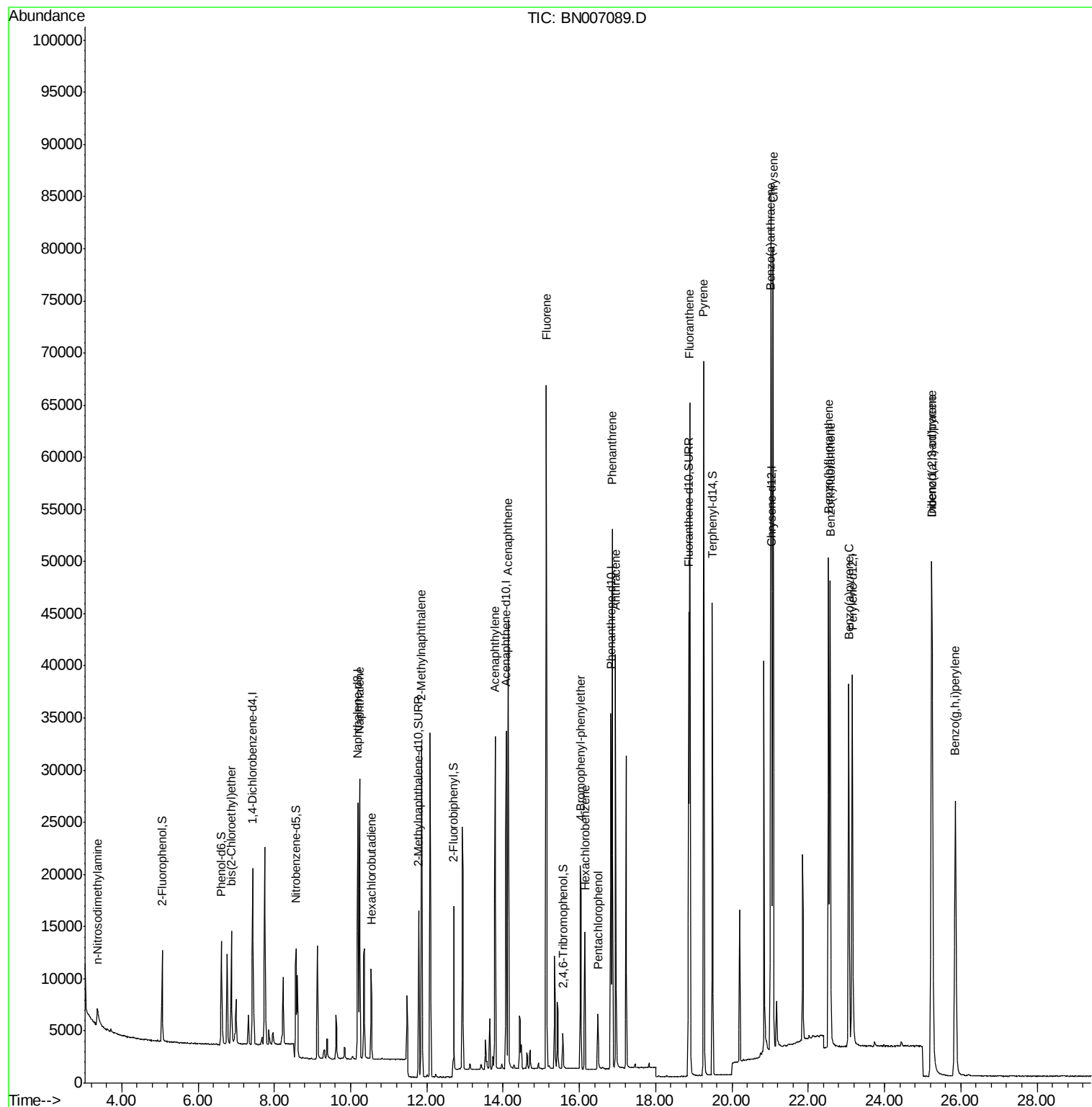
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.36	42	1838	0.325	ng	# 99
5) bis(2-Chloroethyl)ether	6.87	93	8555	0.379	ng	98
8) Naphthalene	10.24	128	33417	0.372	ng	99
9) Hexachlorobutadiene	10.54	225	7252	0.379	ng	# 100
11) 2-Methylnaphthalene	11.87	142	23553	0.370	ng	99
15) Acenaphthylene	13.79	152	34516	0.364	ng	100
16) Acenaphthene	14.13	154	22859	0.376	ng	99
17) Fluorene	15.14	166	29373	0.323	ng	100
19) 4-Bromophenyl-phenylether	16.03	248	10652	0.397	ng	# 84
20) Hexachlorobenzene	16.14	284	10818	0.420	ng	99
21) Pentachlorophenol	16.48	266	2722	0.283	ng	97
22) Phenanthrene	16.87	178	50919	0.392	ng	100
23) Anthracene	16.95	178	43295	0.365	ng	100
25) Fluoranthene	18.90	202	59471	0.358	ng	100
27) Pyrene	19.26	202	59350	0.388	ng	100
29) Benzo(a)anthracene	21.02	228	57368	0.360	ng	100
30) Chrysene	21.08	228	62105	0.401	ng	99
31) Indeno(1,2,3-cd)pyrene	25.24	276	65952	0.386	ng	99
33) Benzo(b)fluoranthene	22.53	252	58902	0.387	ng	99
34) Benzo(k)fluoranthene	22.58	252	57662	0.384	ng	99
35) Benzo(a)pyrene	23.07	252	49852	0.362	ng	99
36) Dibenzo(a,h)anthracene	25.25	278	54404	0.396	ng	100
37) Benzo(g,h,i)perylene	25.86	276	54776	0.387	ng	99

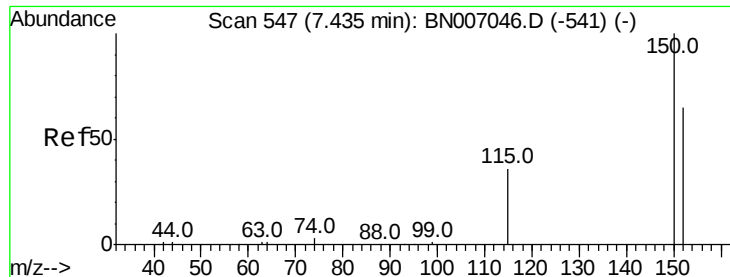
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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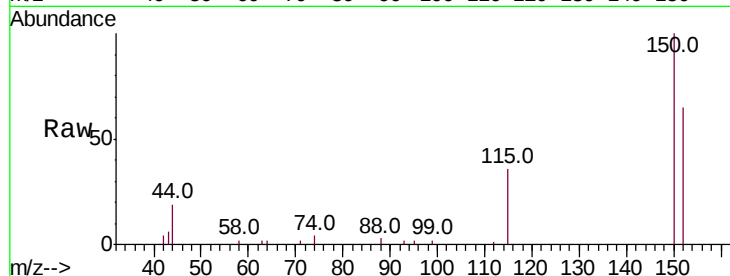


#1

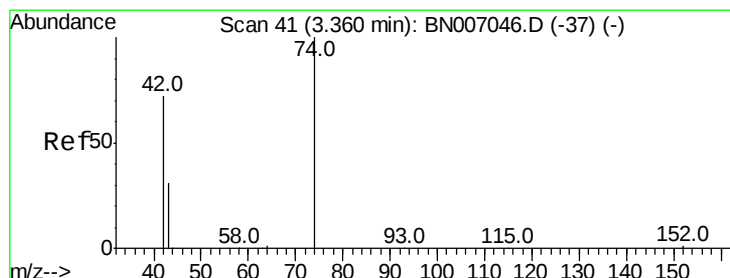
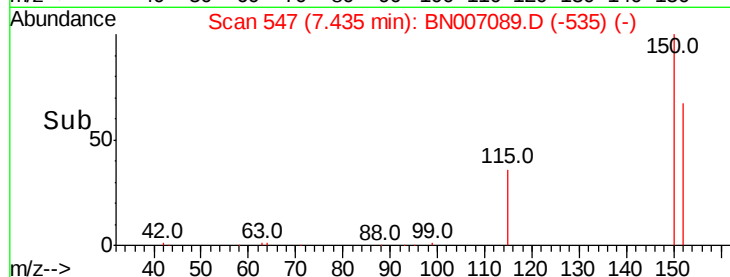
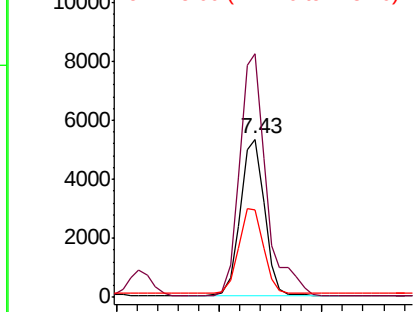
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007089.D
Acq: 11 Aug 2019 16:27

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 8586
Ion Ratio Lower Upper
152 100
150 153.8 121.7 182.5
115 55.4 46.2 69.4



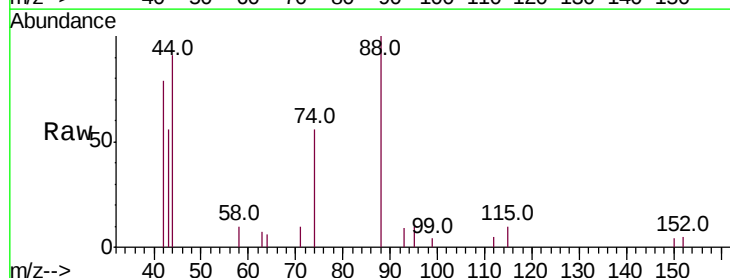
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



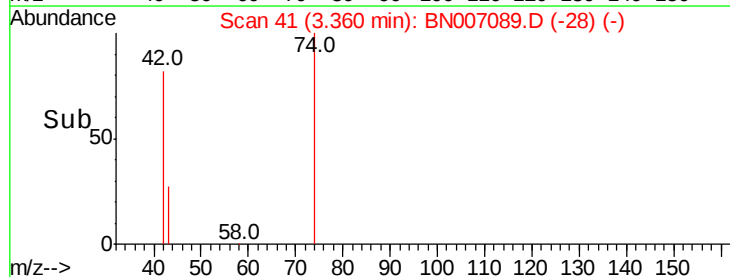
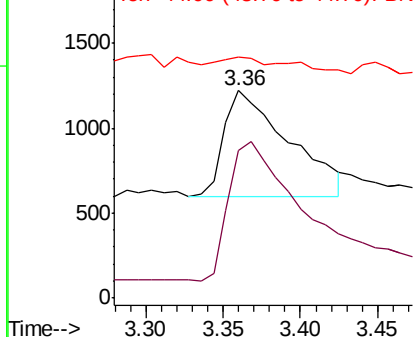
#2

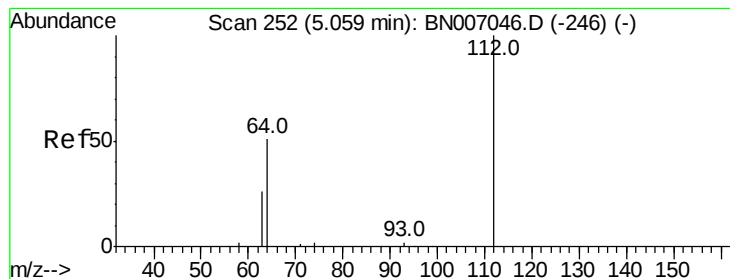
n-Nitrosodimethylamine
Concen: 0.325 ng
RT: 3.36 min Scan# 41
Delta R.T. 0.00 min
Lab File: BN007089.D
Acq: 11 Aug 2019 16:27

Tgt Ion: 42 Resp: 1838
Ion Ratio Lower Upper
42 100
74 137.6 110.6 166.0
44 10.7 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: 0.359 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

Instrument :

BNA_N

ClientSampleId :

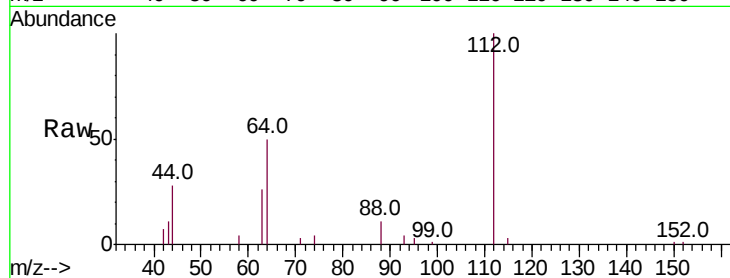
Tot Ion:112 Resp: 7405

Ion Ratio Lower Upper

112 100

64 52.5 42.6 63.8

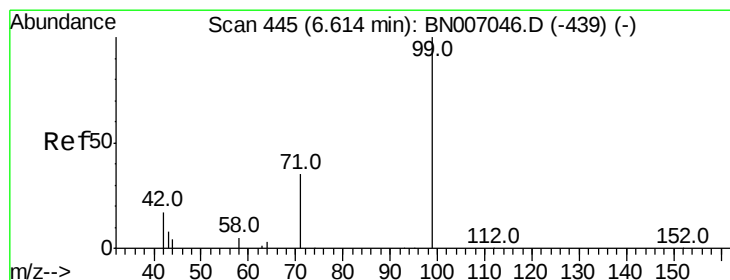
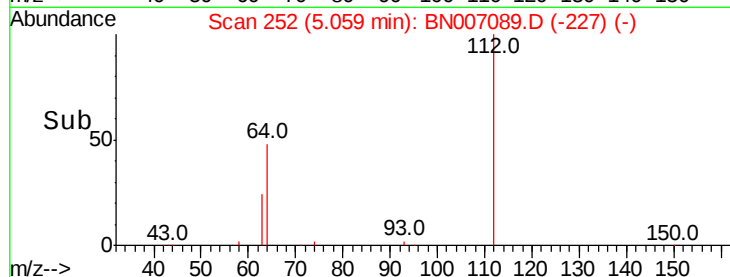
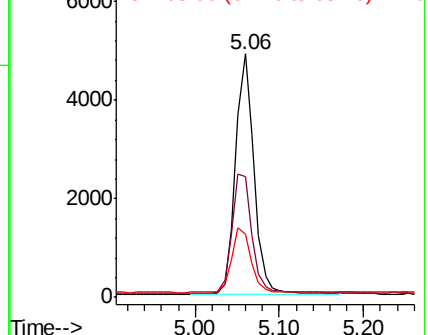
63 28.4 22.2 33.2



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



#4

Phenol-d6

Concen: 0.363 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

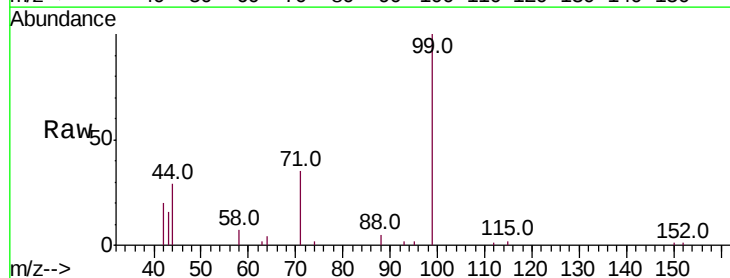
Tgt Ion: 99 Resp: 9271

Ion Ratio Lower Upper

99 100

42 18.9 15.8 23.6

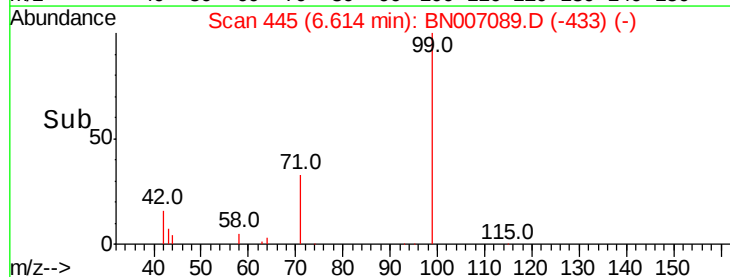
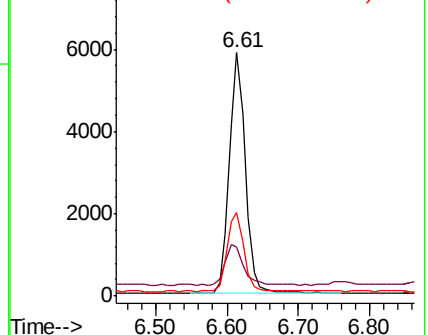
71 33.5 27.0 40.4

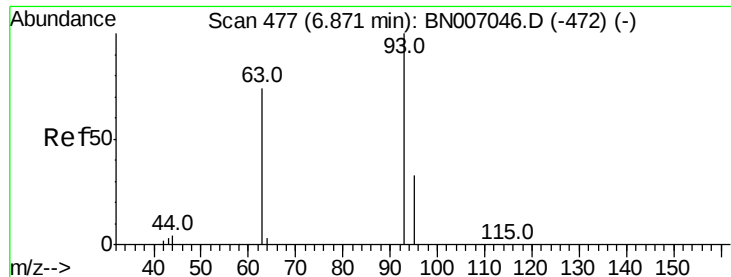


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0





#5

bis(2-Chloroethyl)ether

Concen: 0.379 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

Instrument :

BNA_N

ClientSampleId :

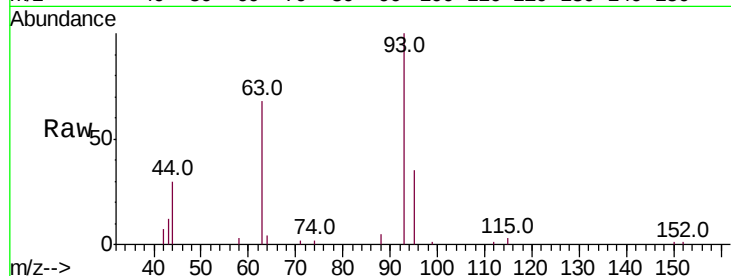
Tot Ion: 93 Resp: 8555

Ion Ratio Lower Upper

93 100

63 71.7 55.6 83.4

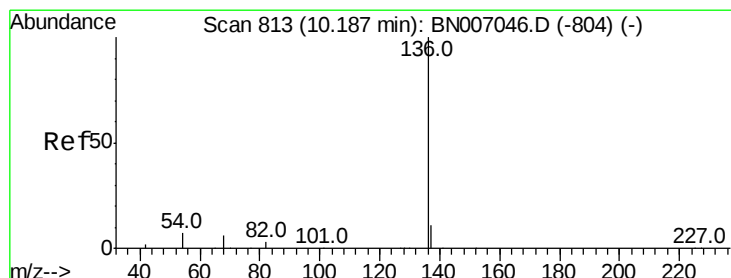
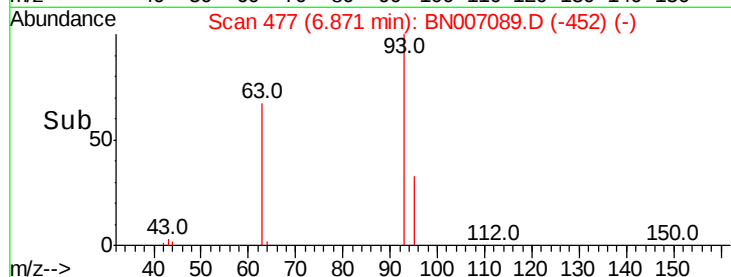
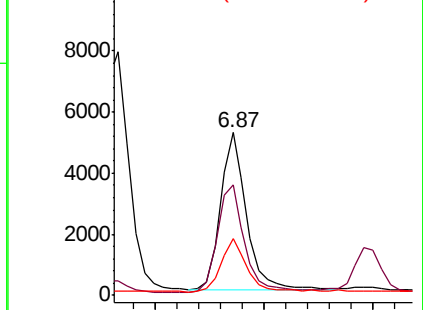
95 33.9 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN007046.D (-472) (-)

Ion 63.00 (62.70 to 63.70): BN007046.D (-472) (-)

Ion 95.00 (94.70 to 95.70): BN007046.D (-472) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

Tgt Ion: 136 Resp: 32005

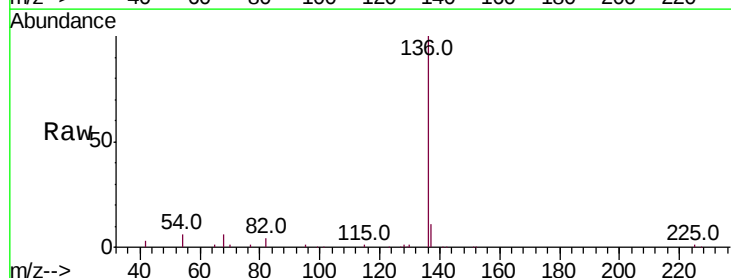
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 6.3 6.6 9.8#

68 5.6 6.0 9.0#

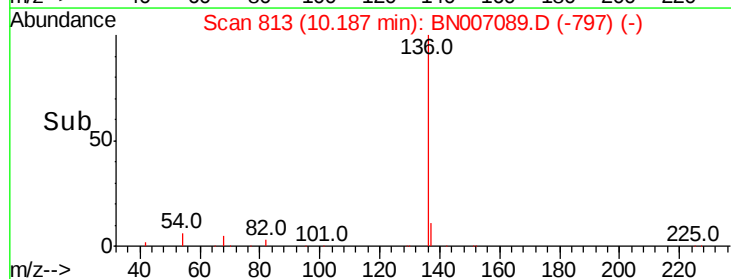
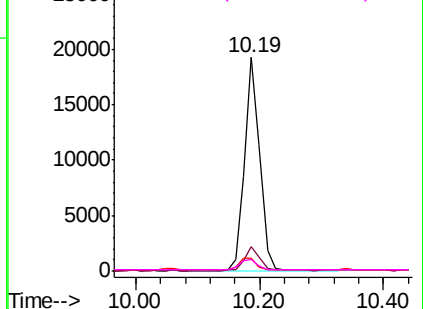


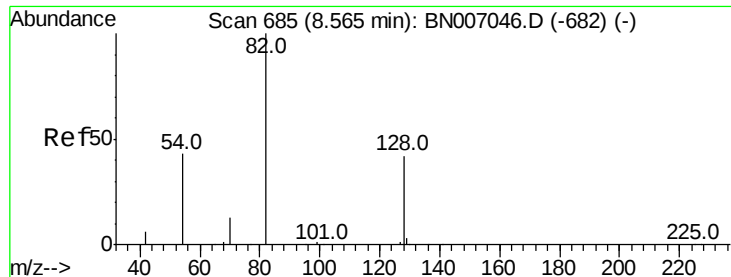
Abundance Ion 136.00 (135.70 to 136.70): BN007046.D (-804) (-)

Ion 137.00 (136.70 to 137.70): BN007046.D (-804) (-)

Ion 54.00 (53.70 to 54.70): BN007046.D (-804) (-)

Ion 68.00 (67.70 to 68.70): BN007046.D (-804) (-)





#7

Nitrobenzene-d5

Concen: 0.346 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

Instrument :

BNA_N

ClientSampleId :

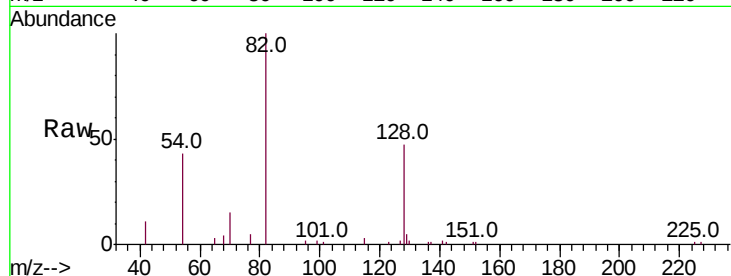
Tot Ion: 82 Resp: 8919

Ion Ratio Lower Upper

82 100

128 47.0 34.6 51.8

54 42.9 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BN007046.D (-682) (-)

Ion 128.00 (127.70 to 128.70): BN007046.D (-682) (-)

Ion 54.00 (53.70 to 54.70): BN007046.D (-682) (-)

8.56

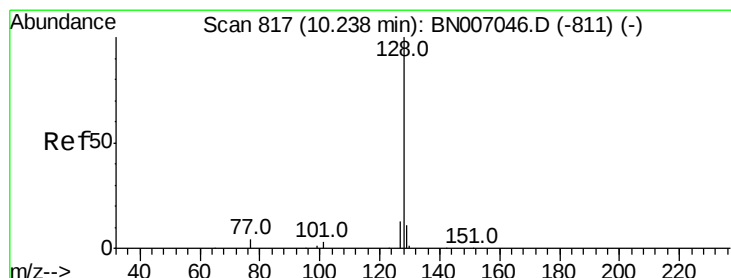
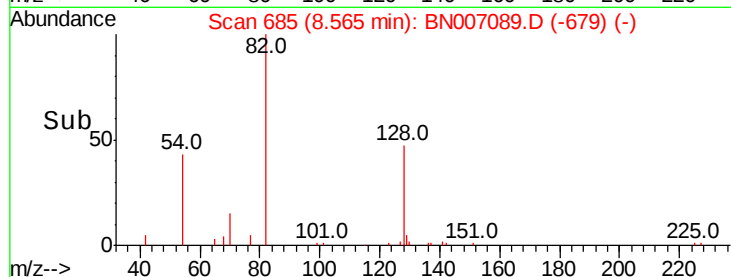
4000

2000

0

8.50 8.55 8.60

Time-->



#8

Naphthalene

Concen: 0.372 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

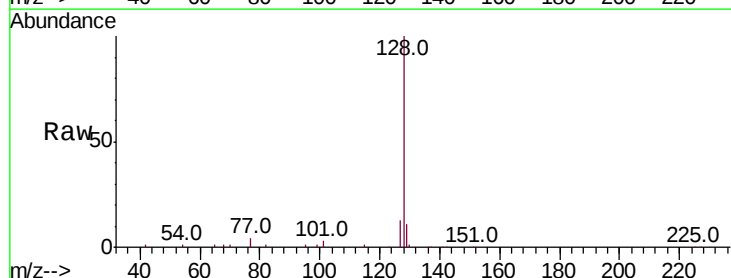
Tgt Ion: 128 Resp: 33417

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.2

127 13.4 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): BN007046.D (-811) (-)

Ion 129.00 (128.70 to 129.70): BN007046.D (-811) (-)

Ion 127.00 (126.70 to 127.70): BN007046.D (-811) (-)

10.24

25000

20000

15000

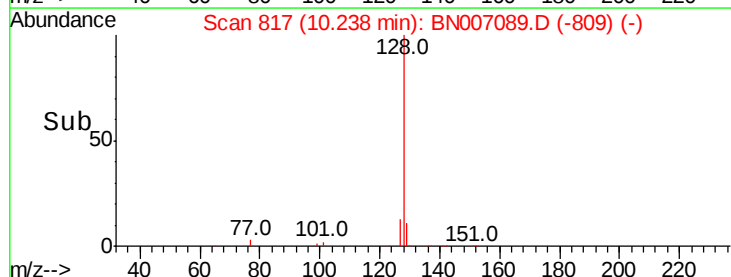
10000

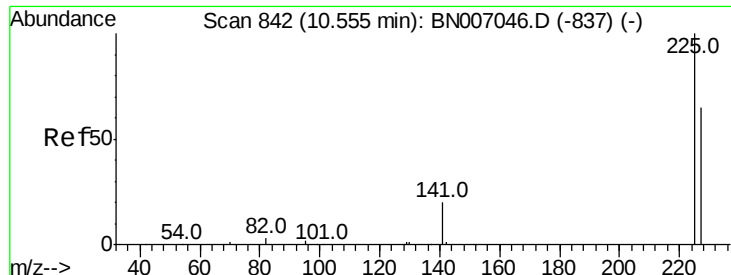
5000

0

10.10 10.20 10.30

Time-->





#9

Hexachlorobutadiene

Concen: 0.379 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

Instrument :

BNA_N

ClientSampleId :

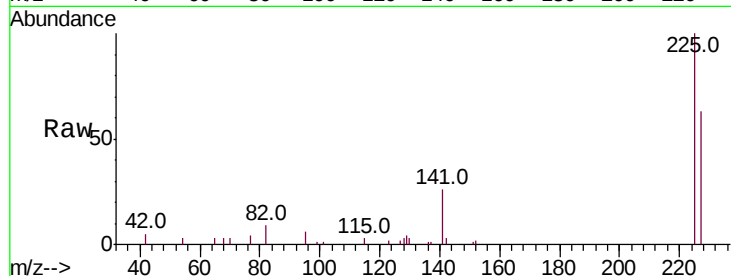
Tot Ion:225 Resp: 7252

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

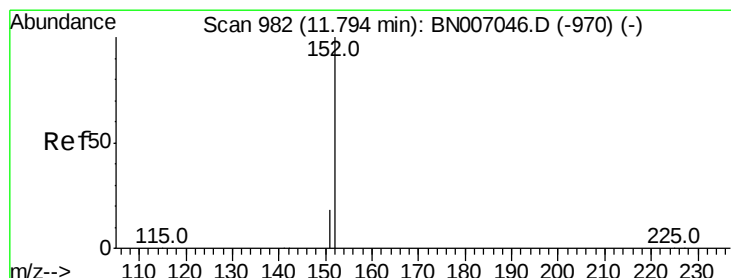
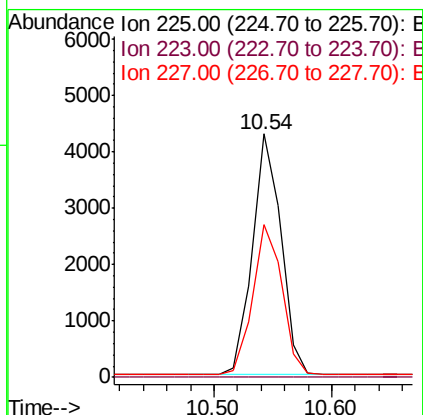
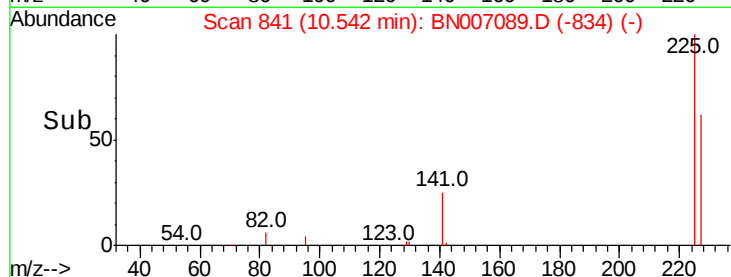
227 63.8 51.1 76.7



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: 0.368 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007089.D

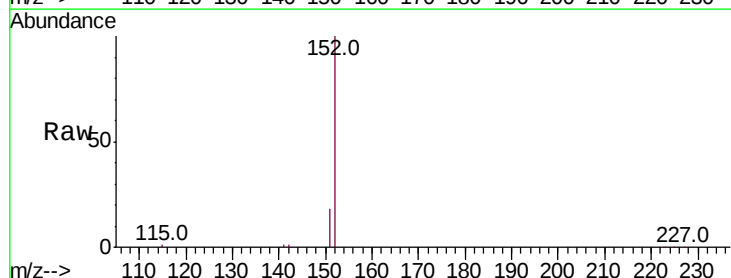
Acq: 11 Aug 2019 16:27

Tgt Ion:152 Resp: 21986

Ion Ratio Lower Upper

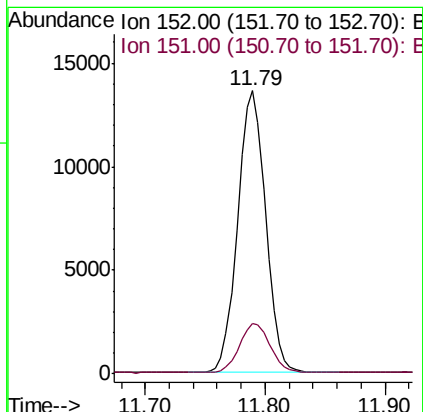
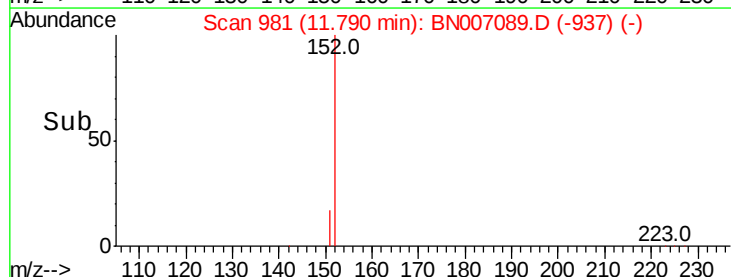
152 100

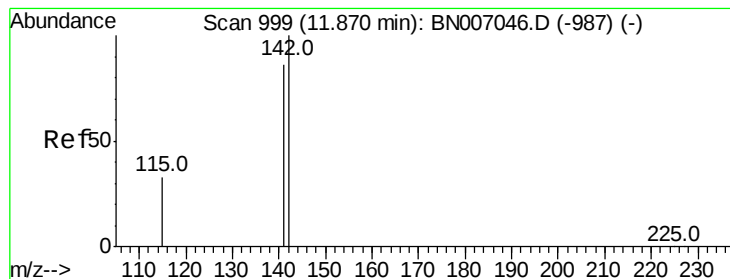
151 19.2 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.370 ng

RT: 11.87 min Scan# 998

Delta R.T. -0.00 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

Instrument :

BNA_N

ClientSampleId :

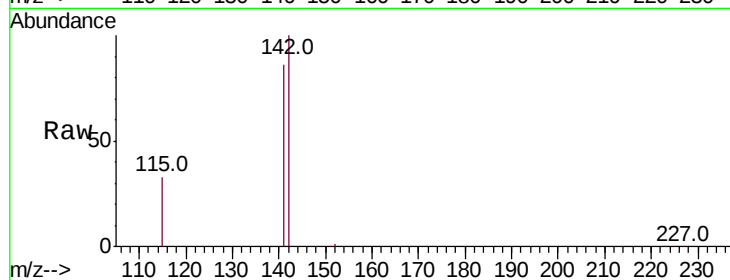
Tot Ion:142 Resp: 23553

Ion Ratio Lower Upper

142 100

141 86.5 69.0 103.6

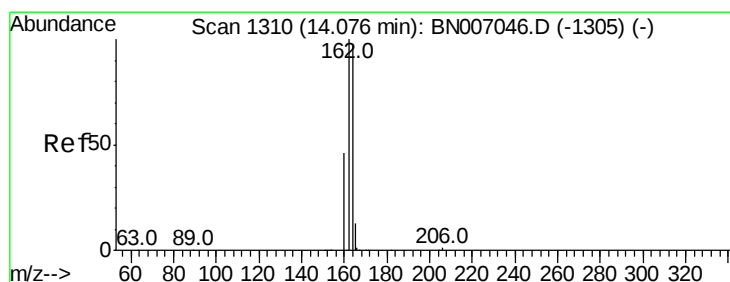
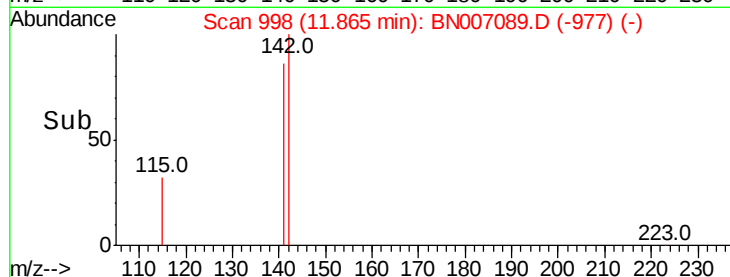
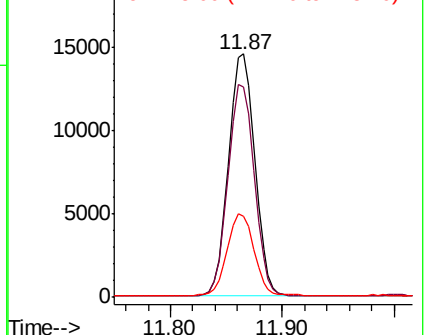
115 33.1 27.1 40.7



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: BN007089.D

Acq: 11 Aug 2019 16:27

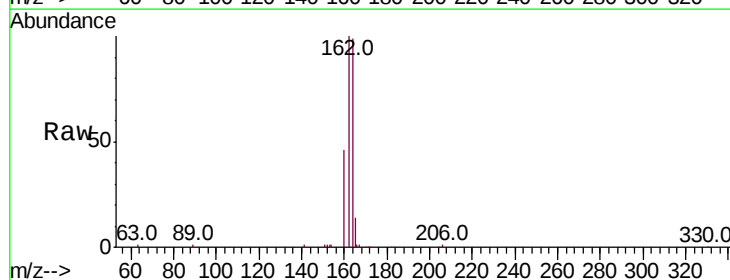
Tgt Ion:164 Resp: 18159

Ion Ratio Lower Upper

164 100

162 100.7 82.2 123.4

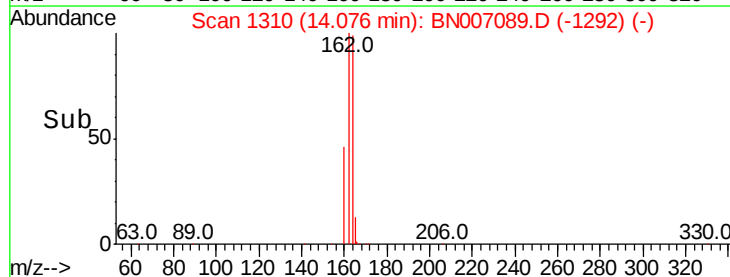
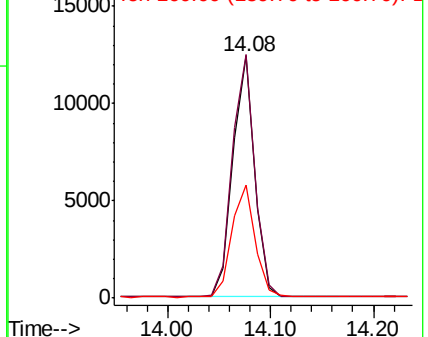
160 46.8 38.3 57.5

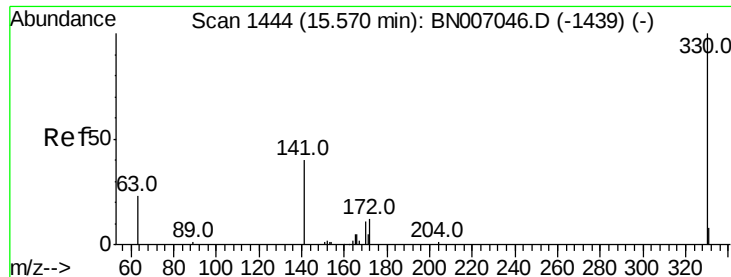


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

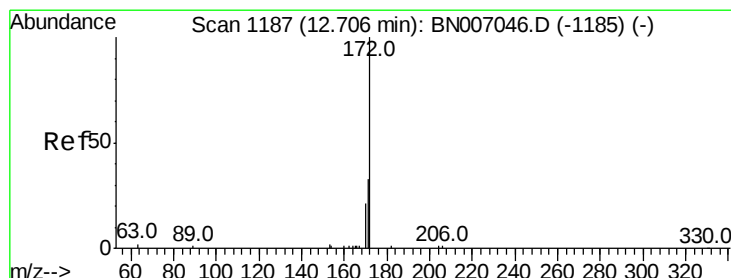
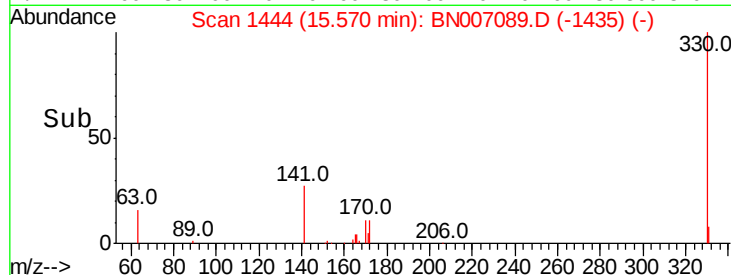
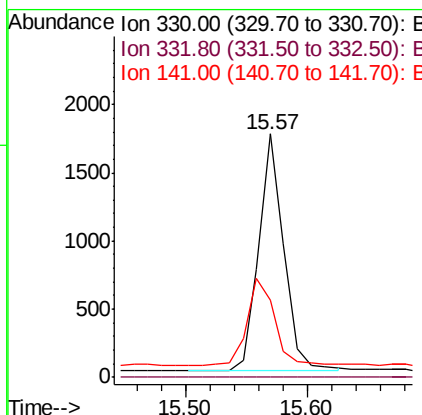
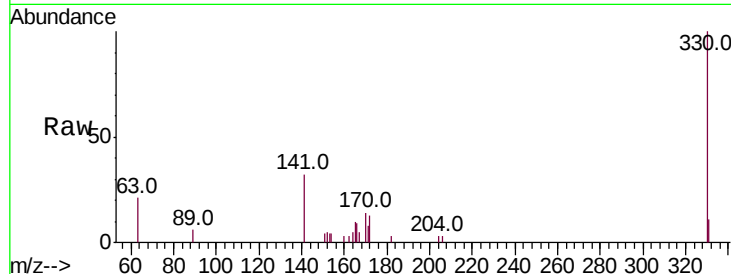




#13
 2,4,6-Tribromophenol
 Concen: 0.257 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007089.D
 Acq: 11 Aug 2019 16:27

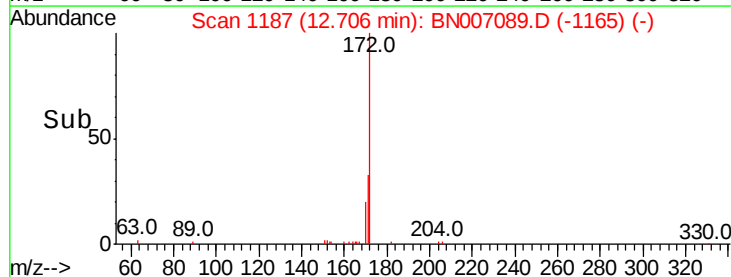
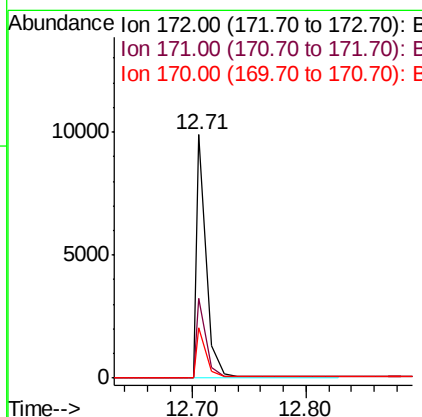
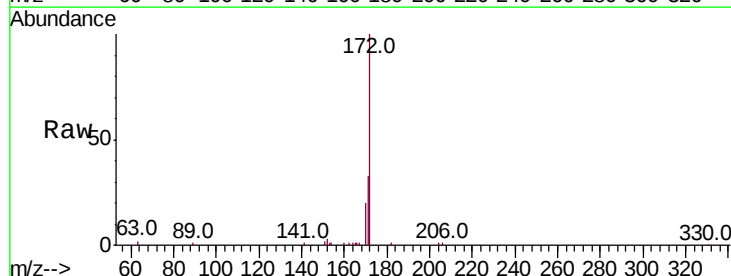
Instrument :
 BNA_N
 ClientSampled :

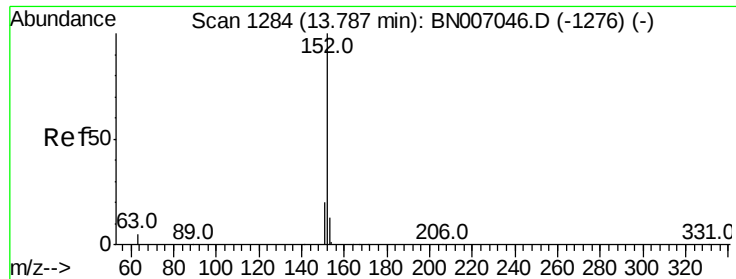
Tot Ion:330 Resp: 2513
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.1 33.6 50.4



#14
 2-Fluorobiphenyl
 Concen: 0.275 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007089.D
 Acq: 11 Aug 2019 16:27

Tgt Ion:172 Resp: 7259
 Ion Ratio Lower Upper
 172 100
 171 32.9 26.3 39.5
 170 20.5 17.0 25.4





#15

Acenaphthylene

Concen: 0.364 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

Instrument :

BNA_N

ClientSampleId :

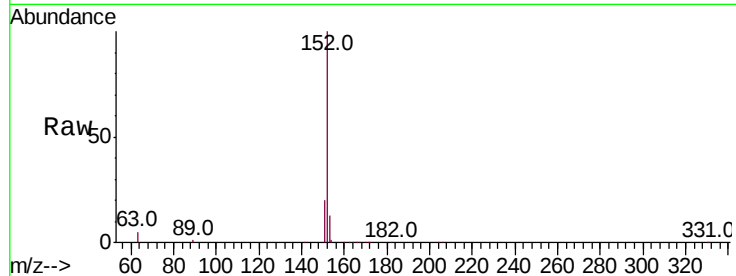
Tot Ion:152 Resp: 34516

Ion Ratio Lower Upper

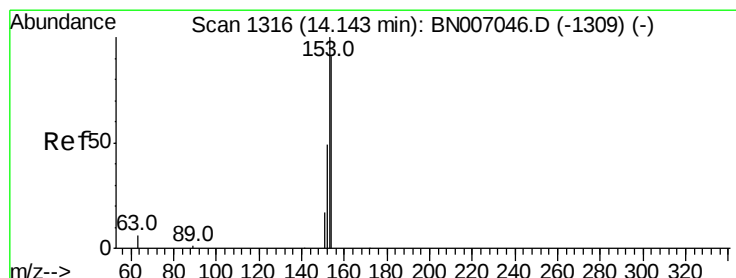
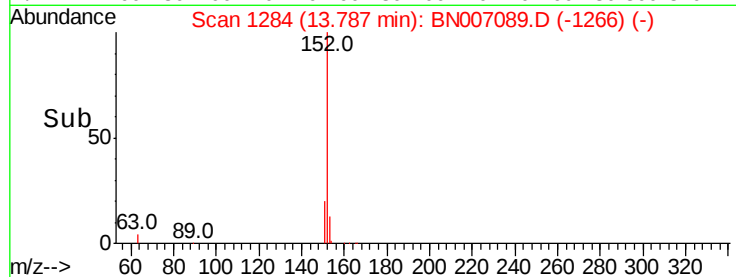
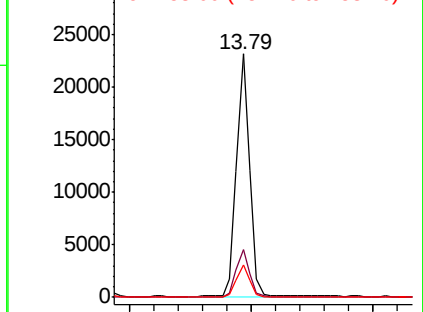
152 100

151 19.7 15.8 23.6

153 13.1 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.376 ng

RT: 14.13 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

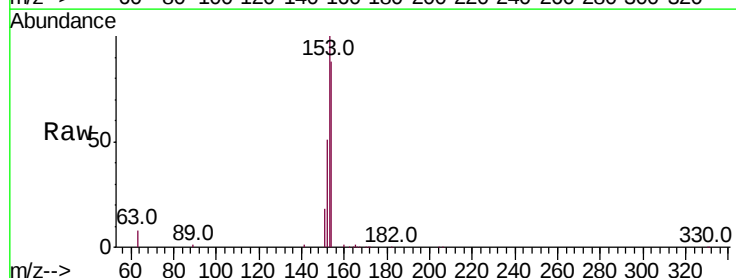
Tgt Ion:154 Resp: 22859

Ion Ratio Lower Upper

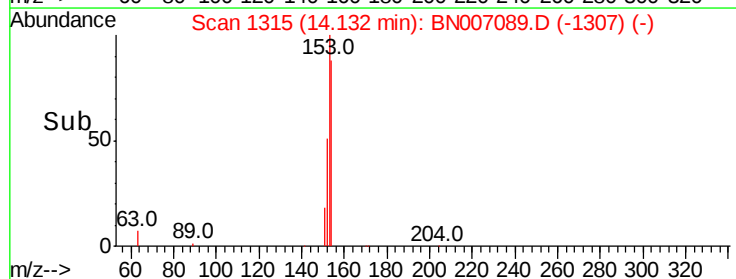
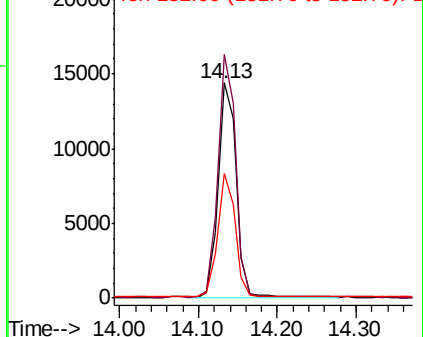
154 100

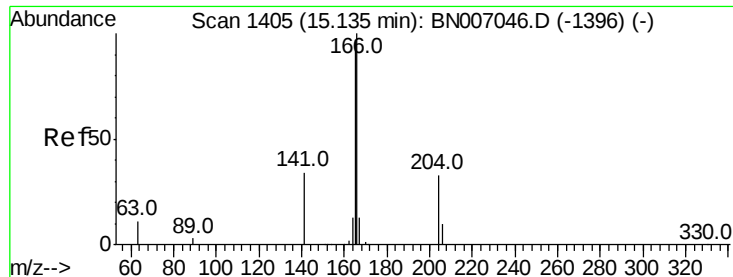
153 111.3 89.5 134.3

152 56.4 44.8 67.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

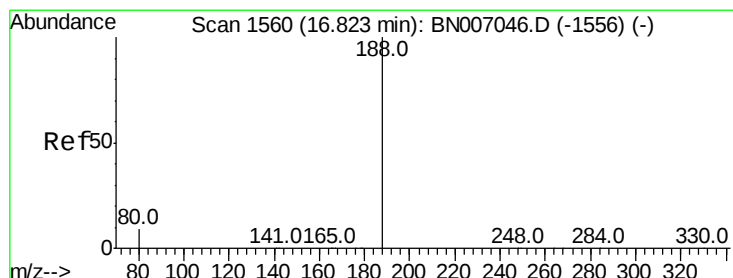
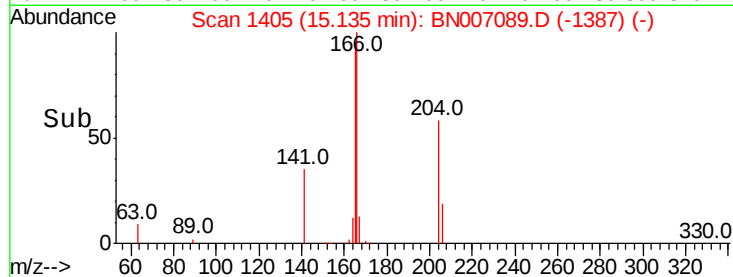
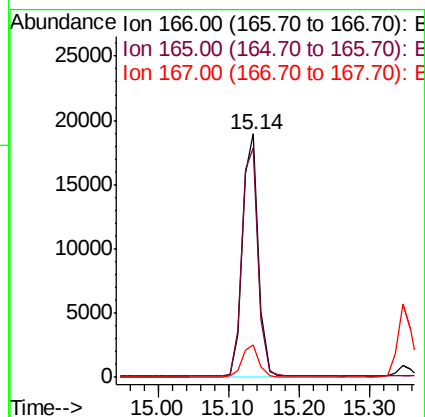
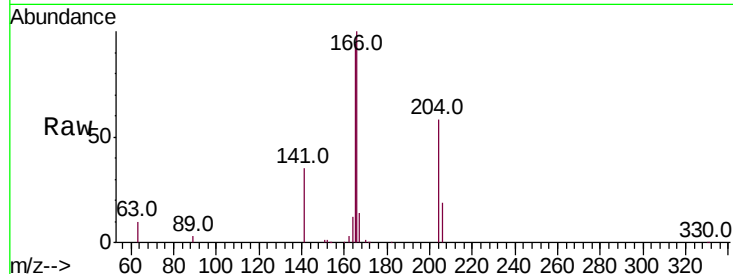




#17
 Fluorene
 Concen: 0.323 ng
 RT: 15.14 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BN007089.D
 Acq: 11 Aug 2019 16:27

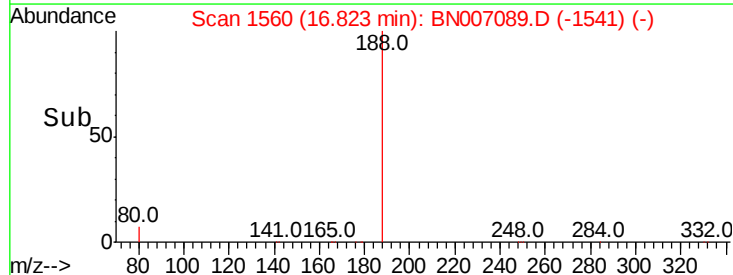
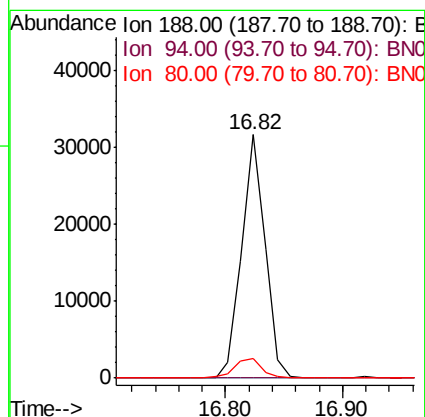
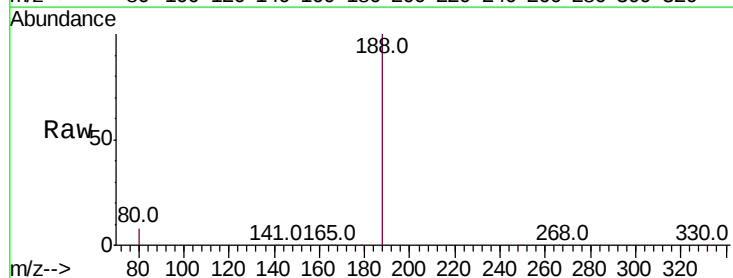
Instrument :
 BNA_N
 ClientSampleId :

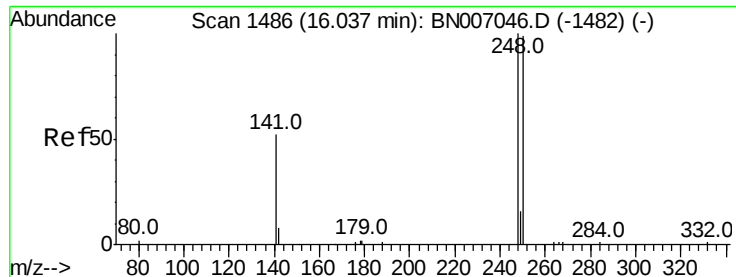
Tot Ion:166 Resp: 29373
 Ion Ratio Lower Upper
 166 100
 165 97.6 77.9 116.9
 167 13.4 10.9 16.3



#18
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BN007089.D
 Acq: 11 Aug 2019 16:27

Tgt Ion:188 Resp: 43345
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.8 7.8 11.6





#19

4-Bromophenyl-phenylether

Concen: 0.397 ng

RT: 16.03 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

Instrument :

BNA_N

ClientSampleId :

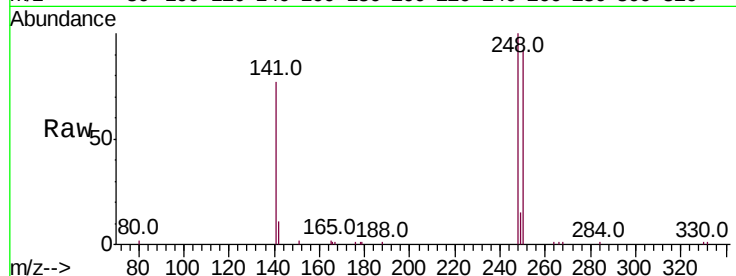
Tot Ion:248 Resp: 10652

Ion Ratio Lower Upper

248 100

250 91.7 78.9 118.3

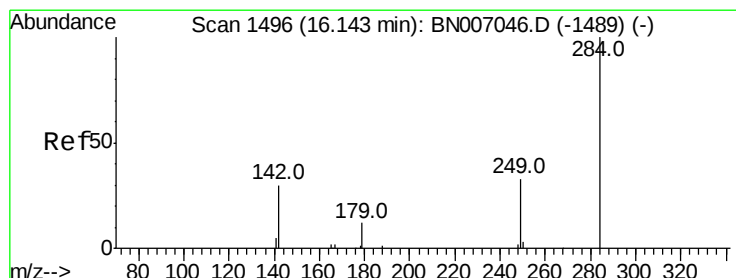
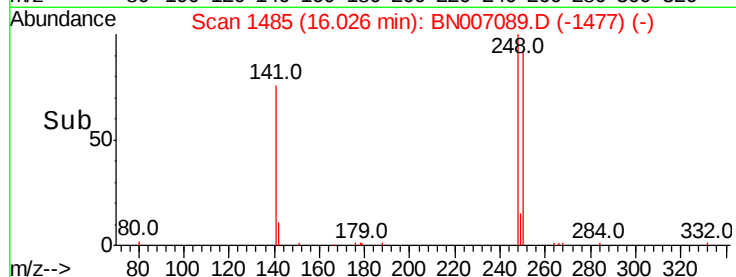
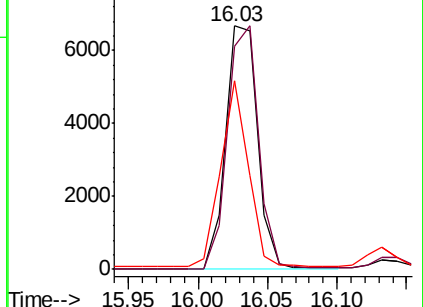
141 77.5 43.3 64.9#



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: 0.420 ng

RT: 16.14 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

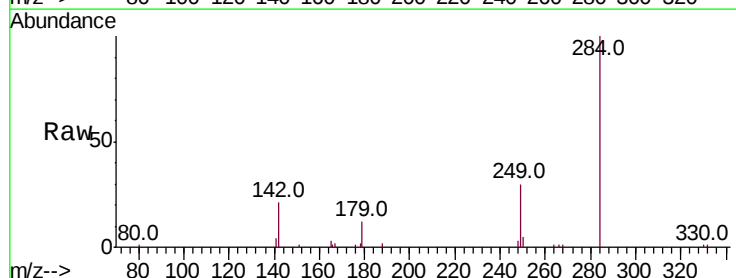
Tgt Ion:284 Resp: 10818

Ion Ratio Lower Upper

284 100

142 37.6 30.5 45.7

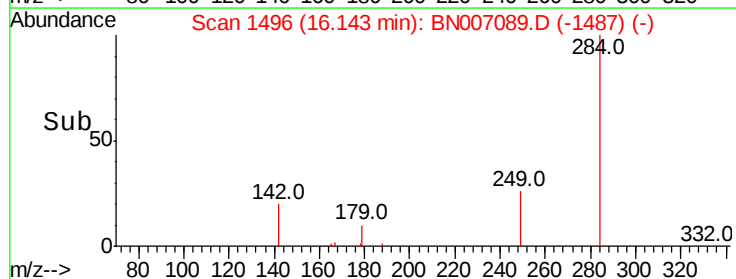
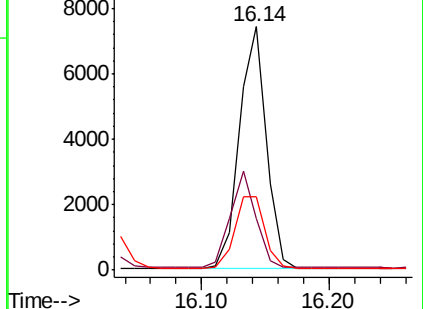
249 33.0 26.7 40.1

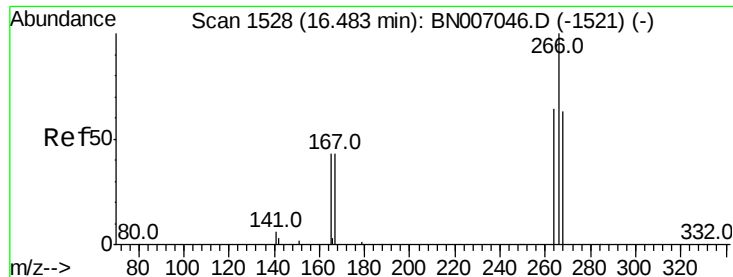


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

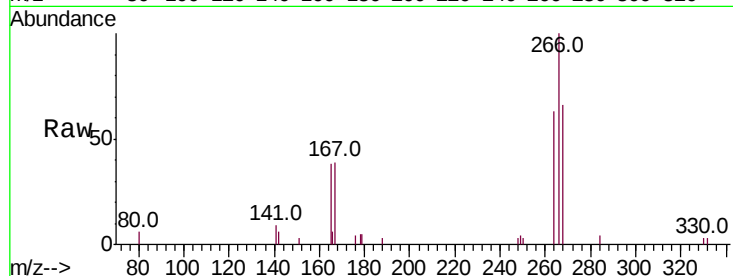




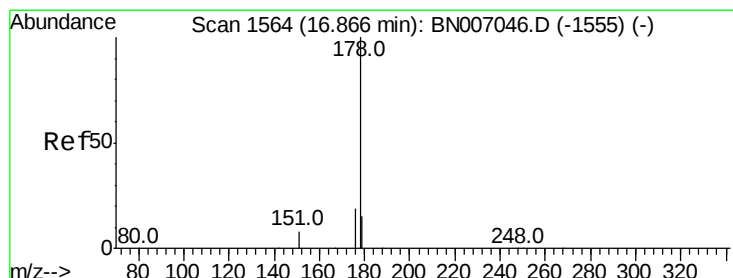
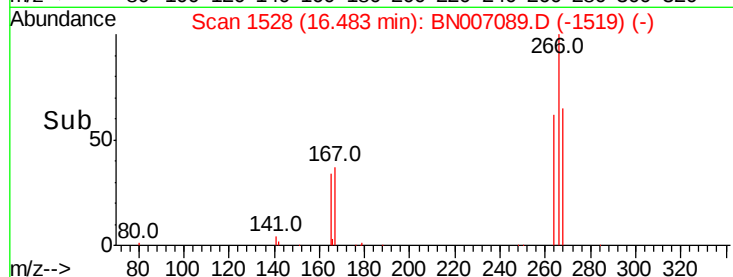
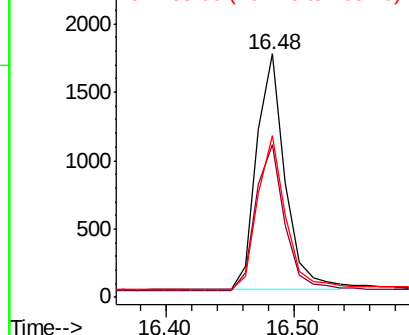
#21
 Pentachlorophenol
 Concen: 0.283 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007089.D
 Acq: 11 Aug 2019 16:27

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:266 Resp: 2722
 Ion Ratio Lower Upper
 266 100
 264 62.8 52.3 78.5
 268 66.3 51.5 77.3

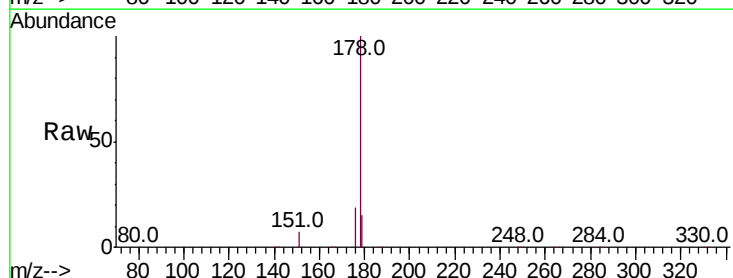


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

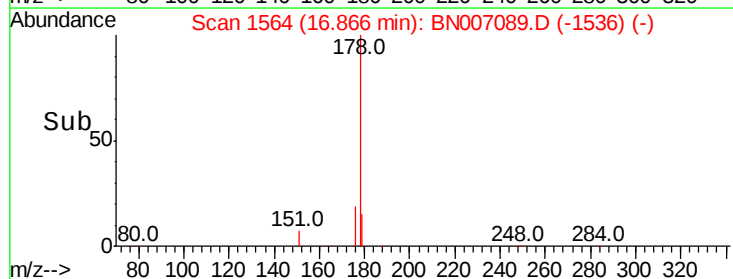
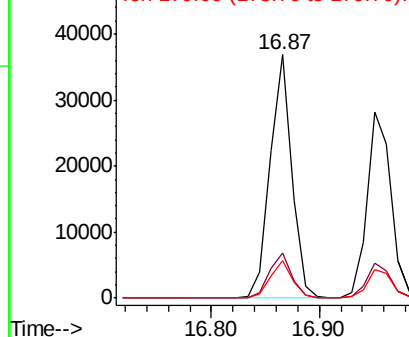


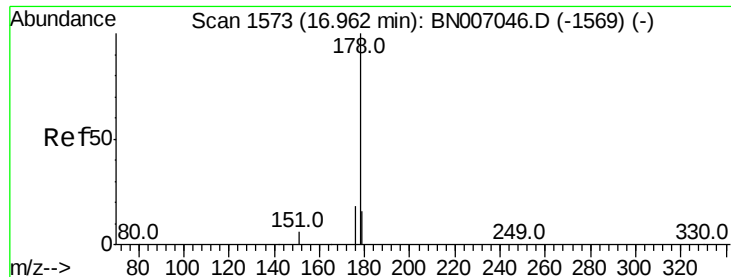
#22
 Phenanthrene
 Concen: 0.392 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007089.D
 Acq: 11 Aug 2019 16:27

Tgt Ion:178 Resp: 50919
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.2 22.8
 179 15.4 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: 0.365 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

Instrument :

BNA_N

ClientSampleId :

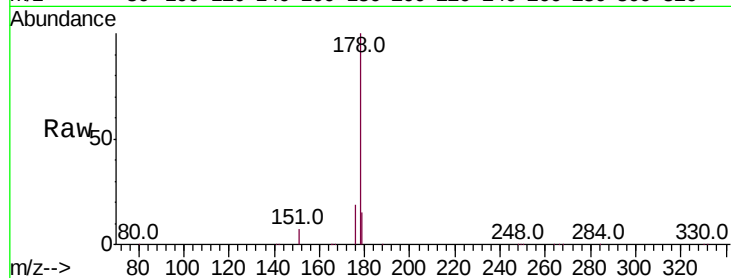
Tot Ion:178 Resp: 43295

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

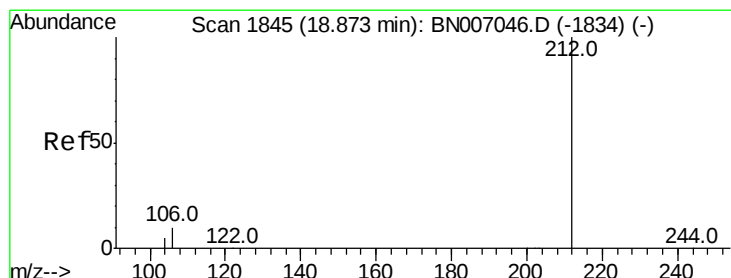
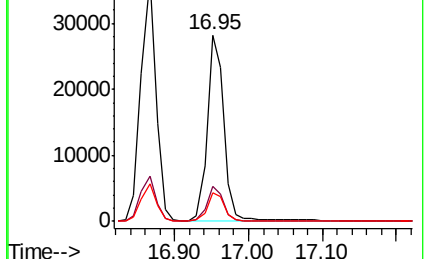
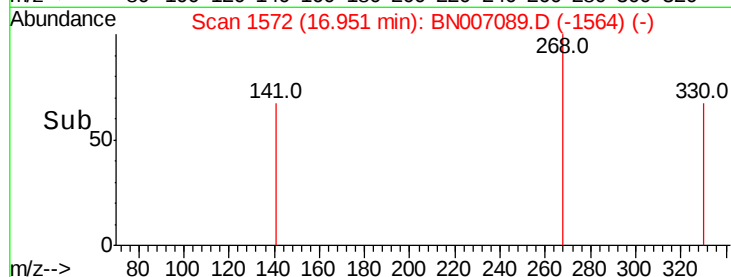
179 15.4 12.5 18.7



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: 0.347 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

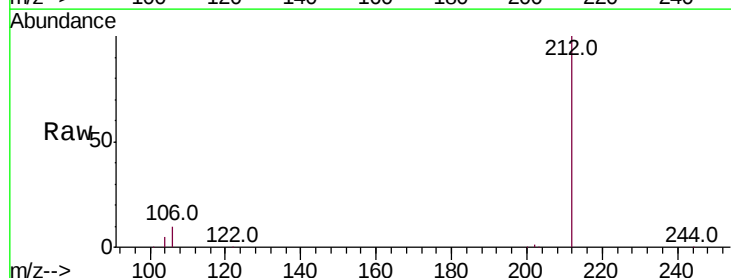
Tgt Ion:212 Resp: 53284

Ion Ratio Lower Upper

212 100

106 9.9 8.2 12.2

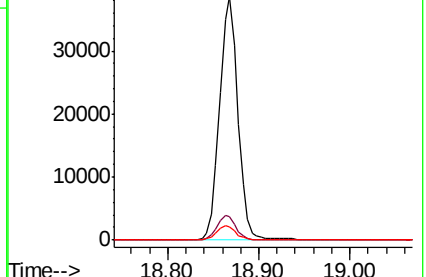
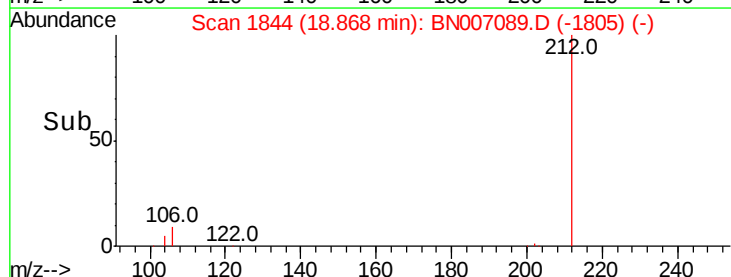
104 5.5 4.5 6.7

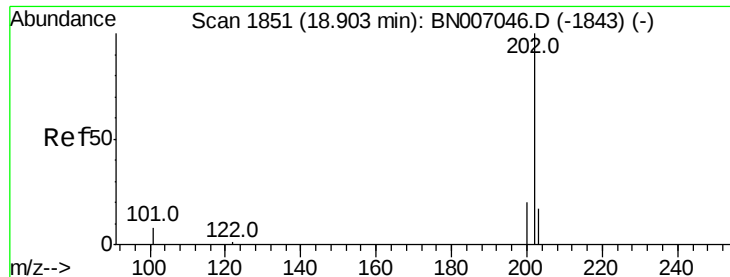


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.358 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

Instrument :

BNA_N

ClientSampleId :

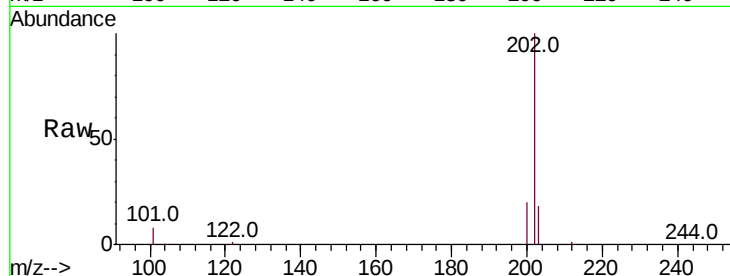
Tot Ion:202 Resp: 59471

Ion Ratio Lower Upper

202 100

101 8.7 7.0 10.4

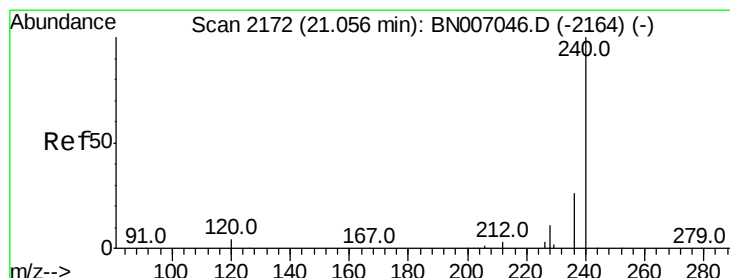
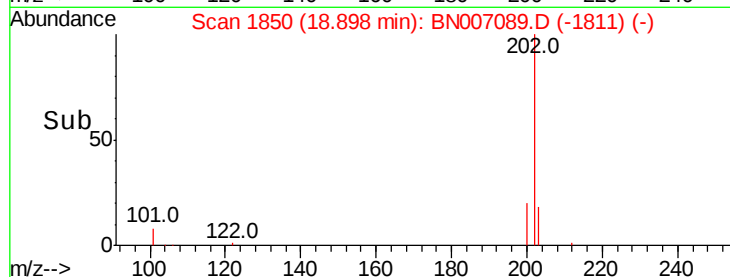
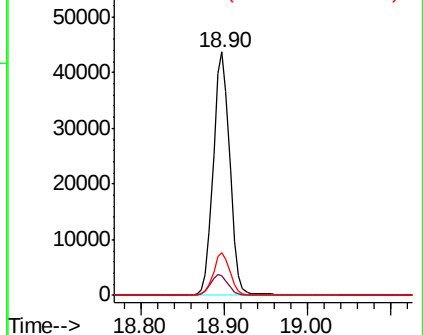
203 17.3 13.8 20.8



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



#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.05 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

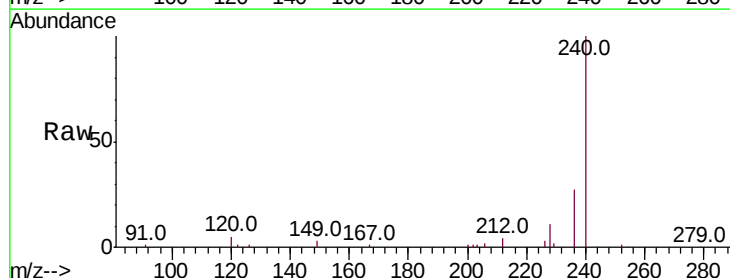
Tgt Ion:240 Resp: 43593

Ion Ratio Lower Upper

240 100

120 4.6 4.0 6.0

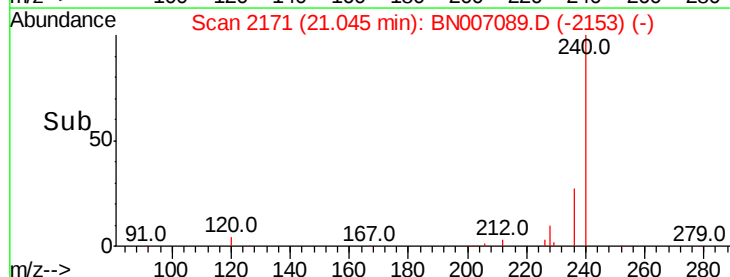
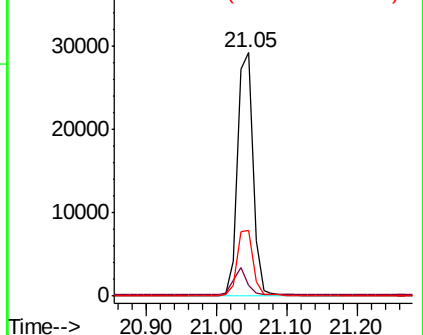
236 26.9 21.3 31.9

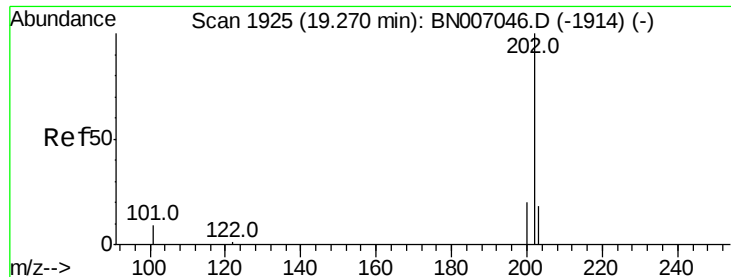


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Pvrene

Concen: 0.388 ng

RT: 19.26 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

Instrument :

BNA_N

ClientSampleId :

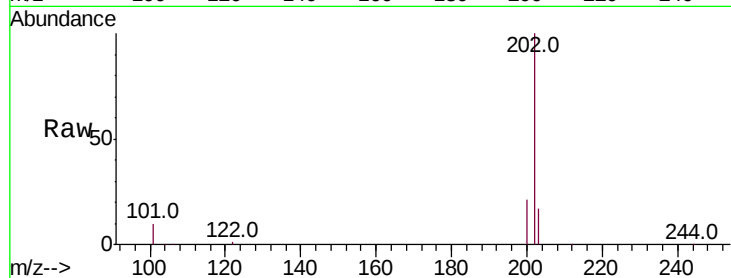
Tot Ion:202 Resp: 59350

Ion Ratio Lower Upper

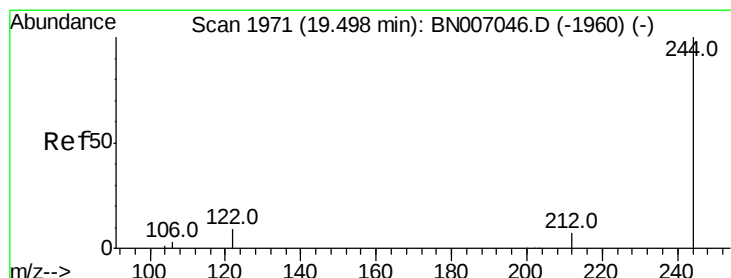
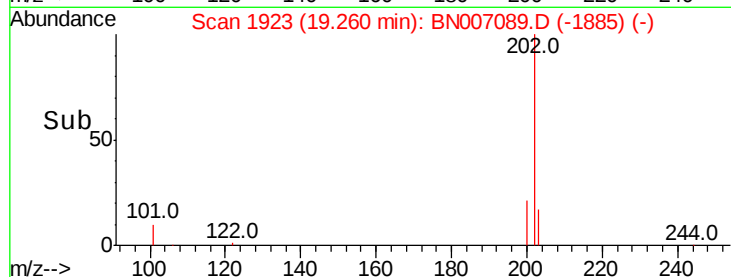
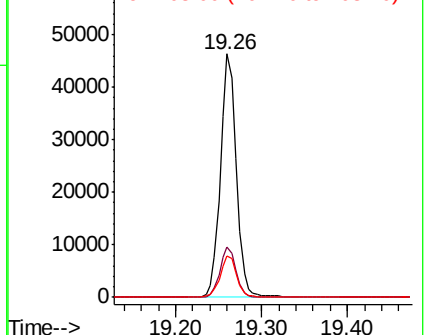
202 100

200 20.5 16.6 24.8

203 17.5 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#28

Terphenyl-d14

Concen: 0.391 ng

RT: 19.49 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

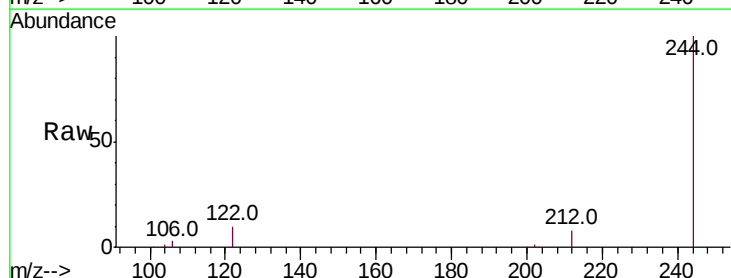
Tgt Ion:244 Resp: 46473

Ion Ratio Lower Upper

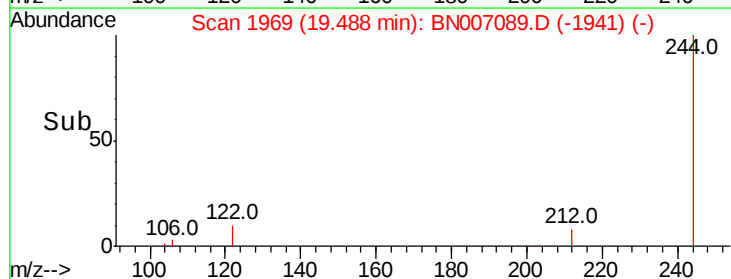
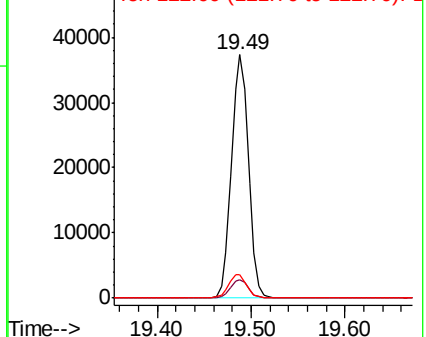
244 100

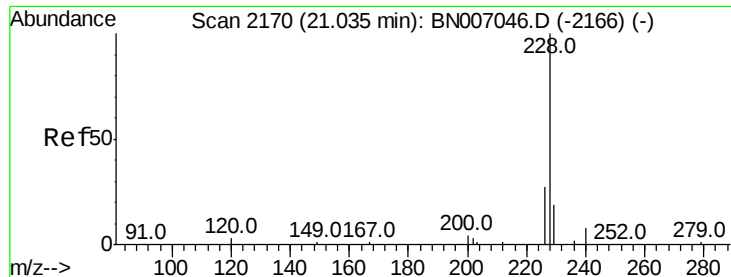
212 7.7 6.2 9.2

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





#29

Benzo(a)anthracene

Concen: 0.360 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

Instrument :

BNA_N

ClientSampleId :

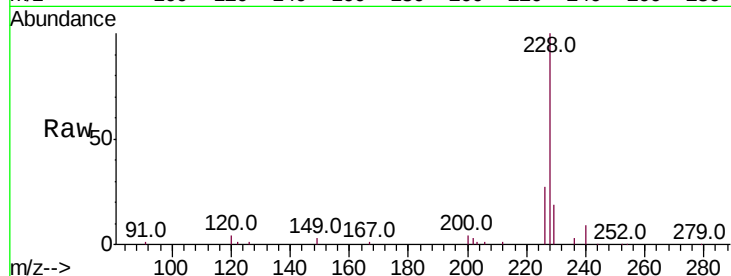
Tot Ion:228 Resp: 57368

Ion Ratio Lower Upper

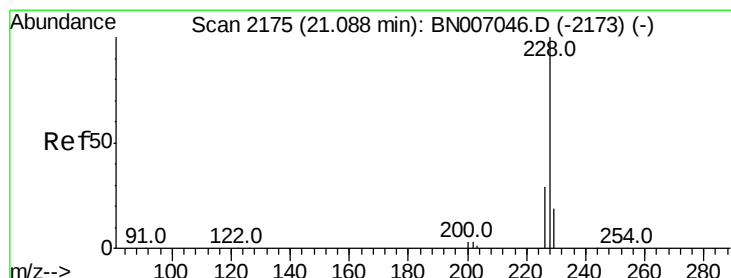
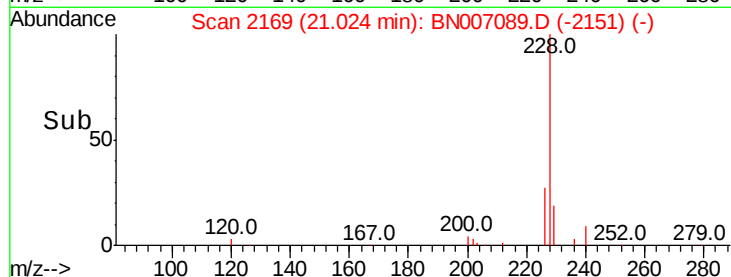
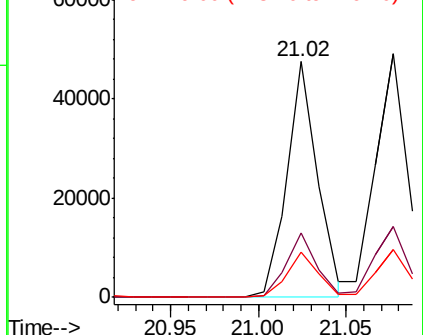
228 100

226 27.2 21.8 32.6

229 19.4 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: 0.401 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

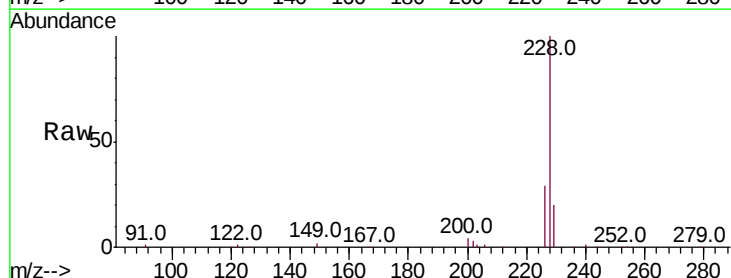
Tgt Ion:228 Resp: 62105

Ion Ratio Lower Upper

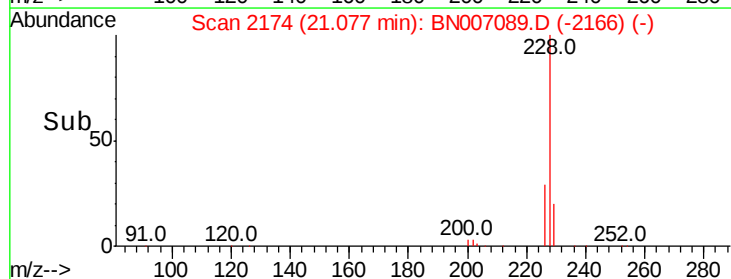
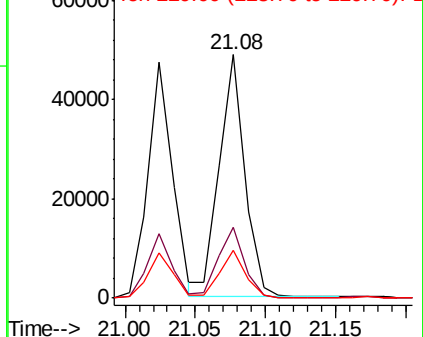
228 100

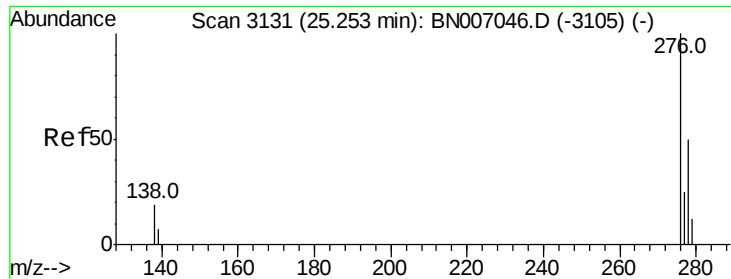
226 28.9 23.8 35.6

229 19.7 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

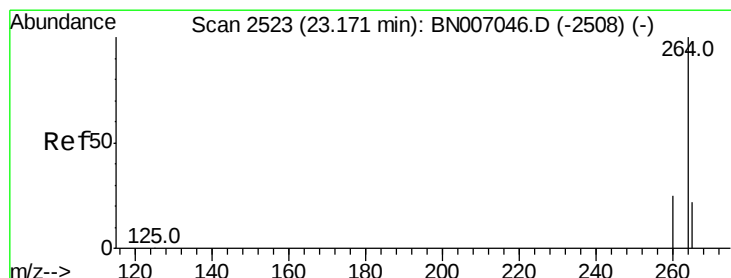
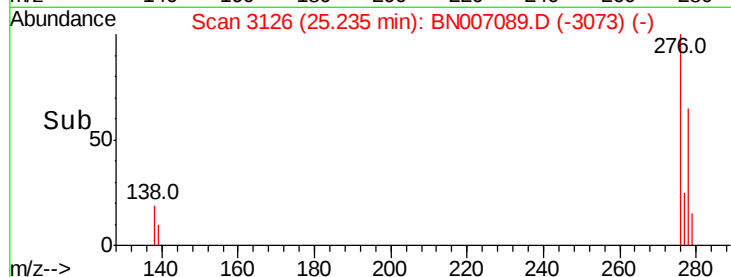
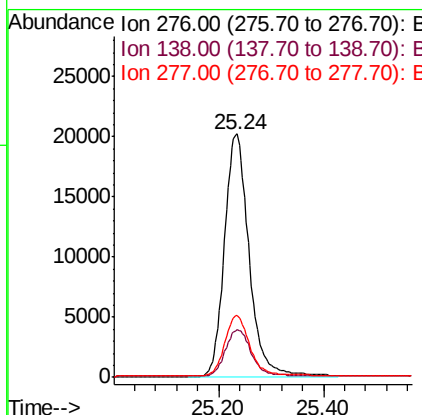
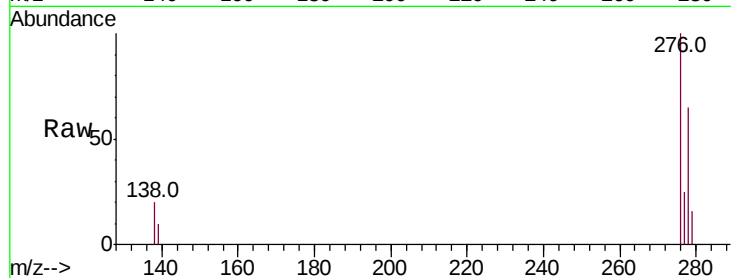




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.386 ng
 RT: 25.24 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BN007089.D
 Acq: 11 Aug 2019 16:27

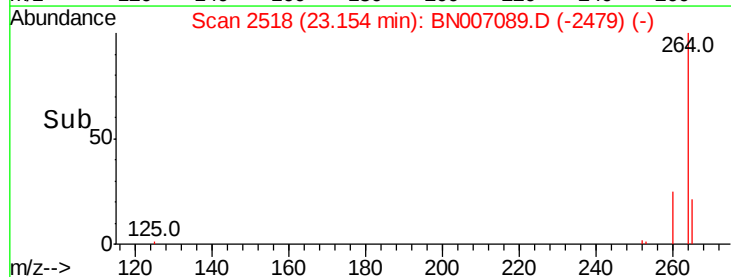
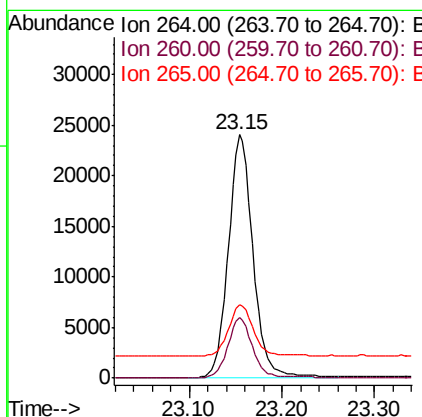
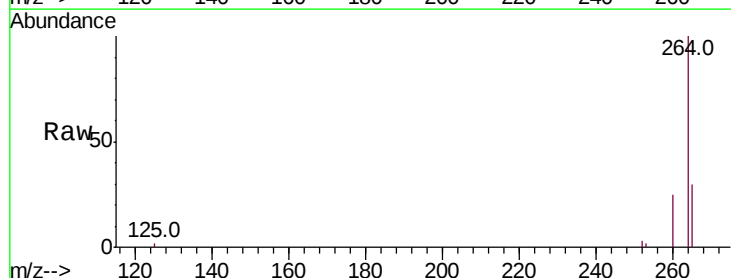
Instrument :
 BNA_N
 ClientSampleId :

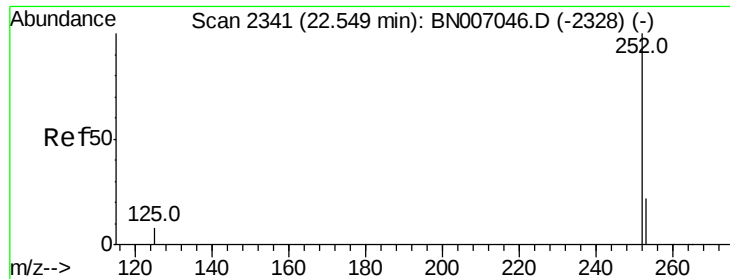
Tot Ion:276 Resp: 65952
 Ion Ratio Lower Upper
 276 100
 138 20.2 16.0 24.0
 277 24.6 19.9 29.9



#32
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.15 min Scan# 2518
 Delta R.T. -0.02 min
 Lab File: BN007089.D
 Acq: 11 Aug 2019 16:27

Tgt Ion:264 Resp: 44340
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.8 29.8
 265 29.9 26.2 39.4





#33

Benzo(b)fluoranthene

Concen: 0.387 ng

RT: 22.53 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

Instrument :

BNA_N

ClientSampleId :

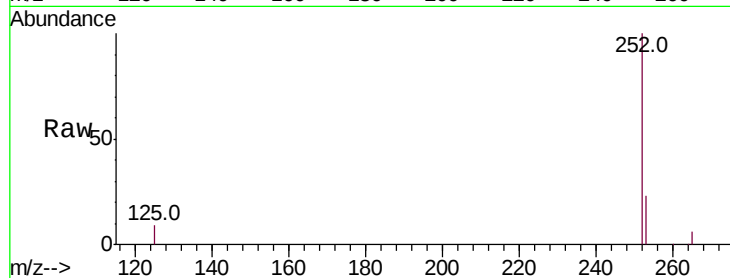
Tot Ion:252 Resp: 58902

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

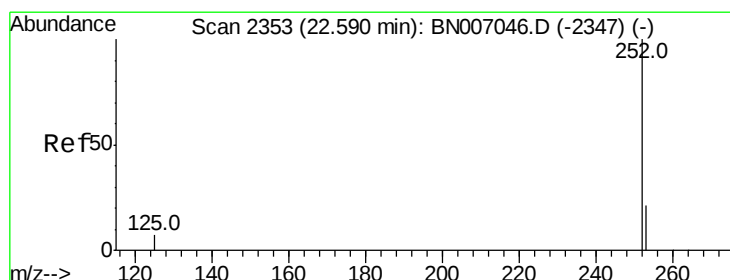
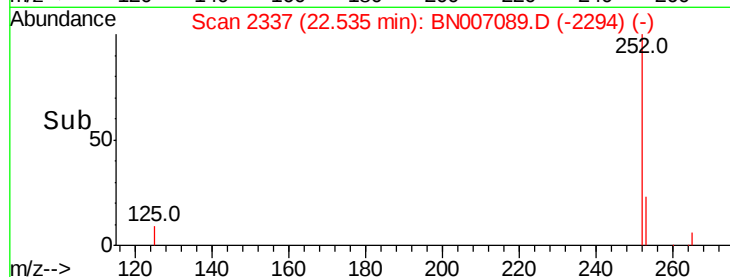
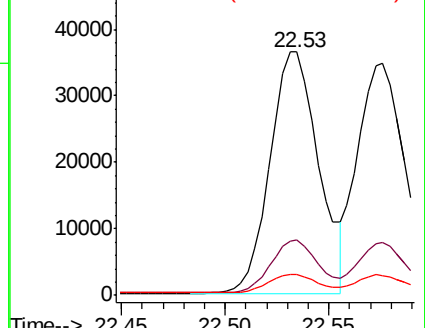
125 8.5 7.4 11.0



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



#34

Benzo(k)fluoranthene

Concen: 0.384 ng

RT: 22.58 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

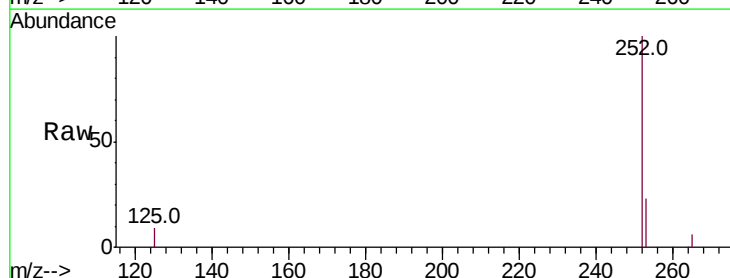
Tgt Ion:252 Resp: 57662

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

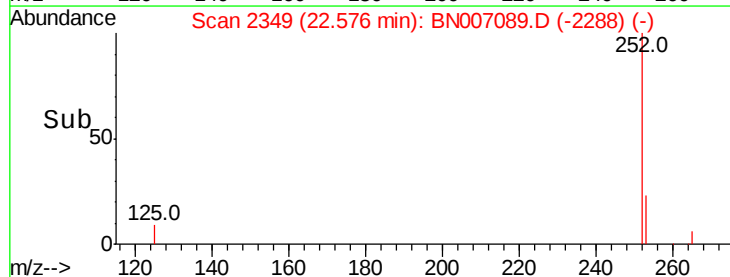
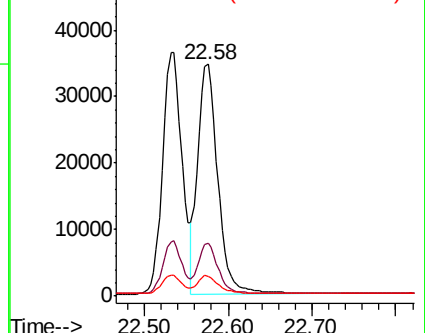
125 8.7 7.4 11.0

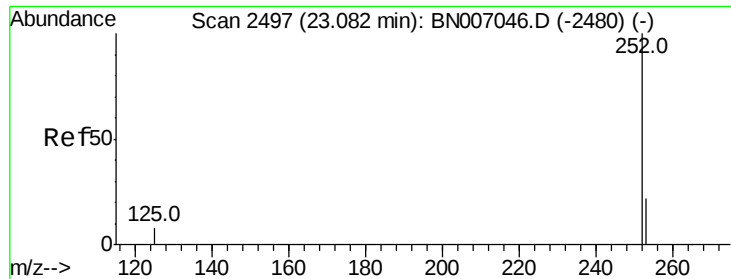


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.362 ng

RT: 23.07 min Scan# 2492

Delta R.T. -0.02 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

Instrument :

BNA_N

ClientSampleId :

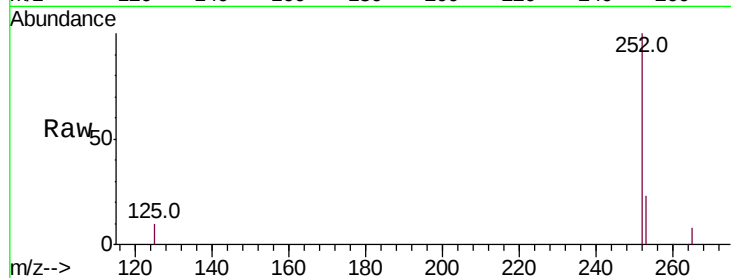
Tot Ion:252 Resp: 49852

Ion Ratio Lower Upper

252 100

253 22.8 18.5 27.7

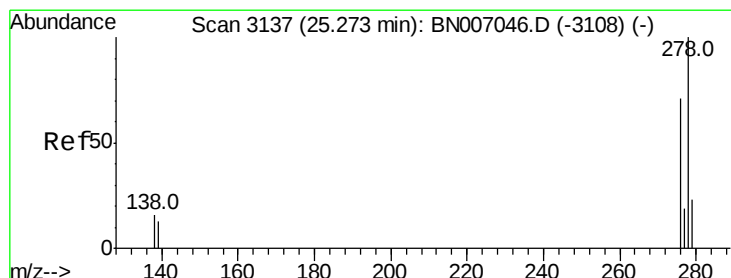
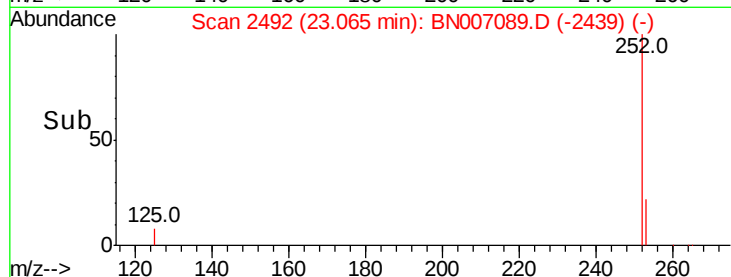
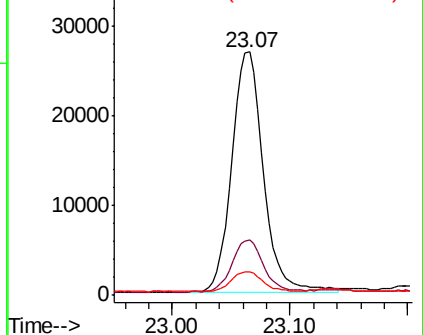
125 9.9 8.2 12.4



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: 0.396 ng

RT: 25.25 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

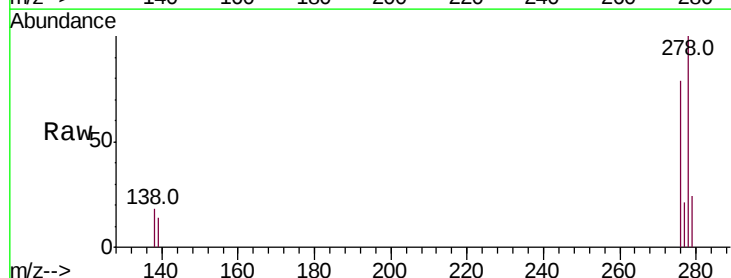
Tgt Ion:278 Resp: 54404

Ion Ratio Lower Upper

278 100

139 13.9 11.3 16.9

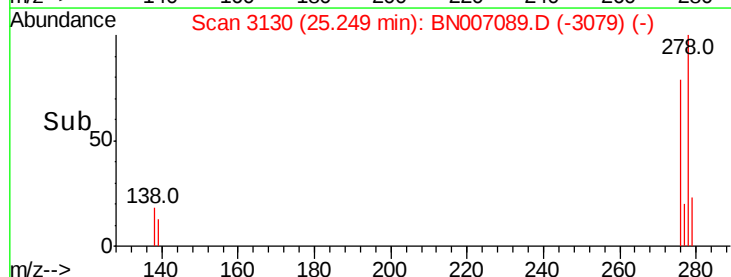
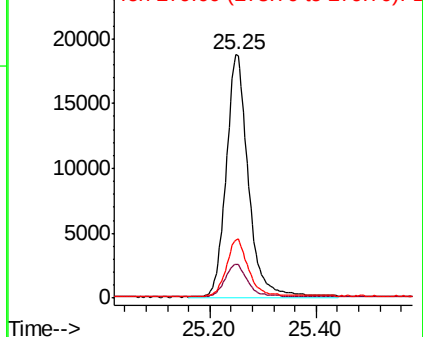
279 23.9 19.3 28.9

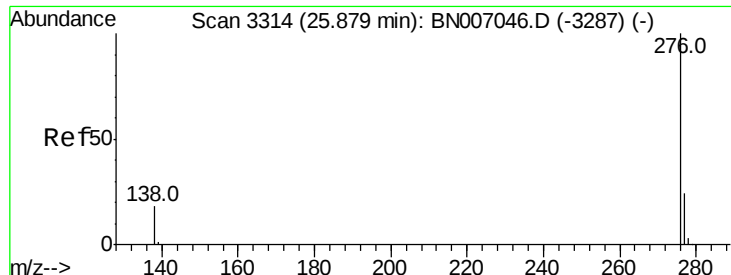


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.387 ng

RT: 25.86 min Scan# 3308

Delta R.T. -0.02 min

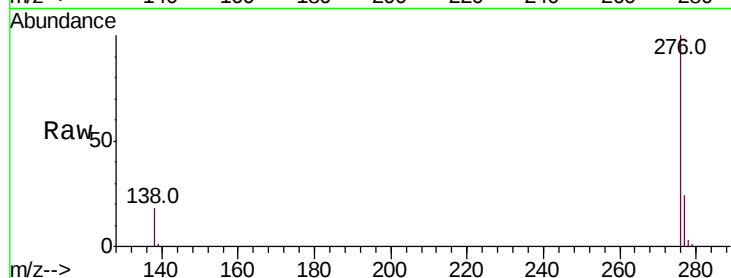
Lab File: BN007089.D

Acq: 11 Aug 2019 16:27

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 54776

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.8

138 17.8 14.6 22.0

Abundance Ion 276.00 (275.70 to 276.70): E
25000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

