

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
 Data File : BN007049.D
 Acq On : 10 Aug 2019 14:18
 Operator : HP/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Quant Time: Aug 10 21:34:49 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 21:17:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	6967	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	24510	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	21324	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	70400	0.40	ng	0.00
26) Chrysene-d12	21.05	240	77590	0.40	ng	-0.01
32) Perylene-d12	23.17	264	81602	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	49456	2.74	ng	0.00
4) Phenol-d6	6.61	99	64098	2.91	ng	0.00
7) Nitrobenzene-d5	8.56	82	62090	3.25	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	142287	3.02	ng	0.00
13) 2,4,6-Tribromophenol	15.58	330	40512	4.03	ng	0.01
14) 2-Fluorobiphenyl	12.71	172	76823	2.17	ng	0.00
24) Fluoranthene-d10	18.87	212	749172	2.88	ng	0.00
28) Terphenyl-d14	19.50	244	626456	2.79	ng	0.00

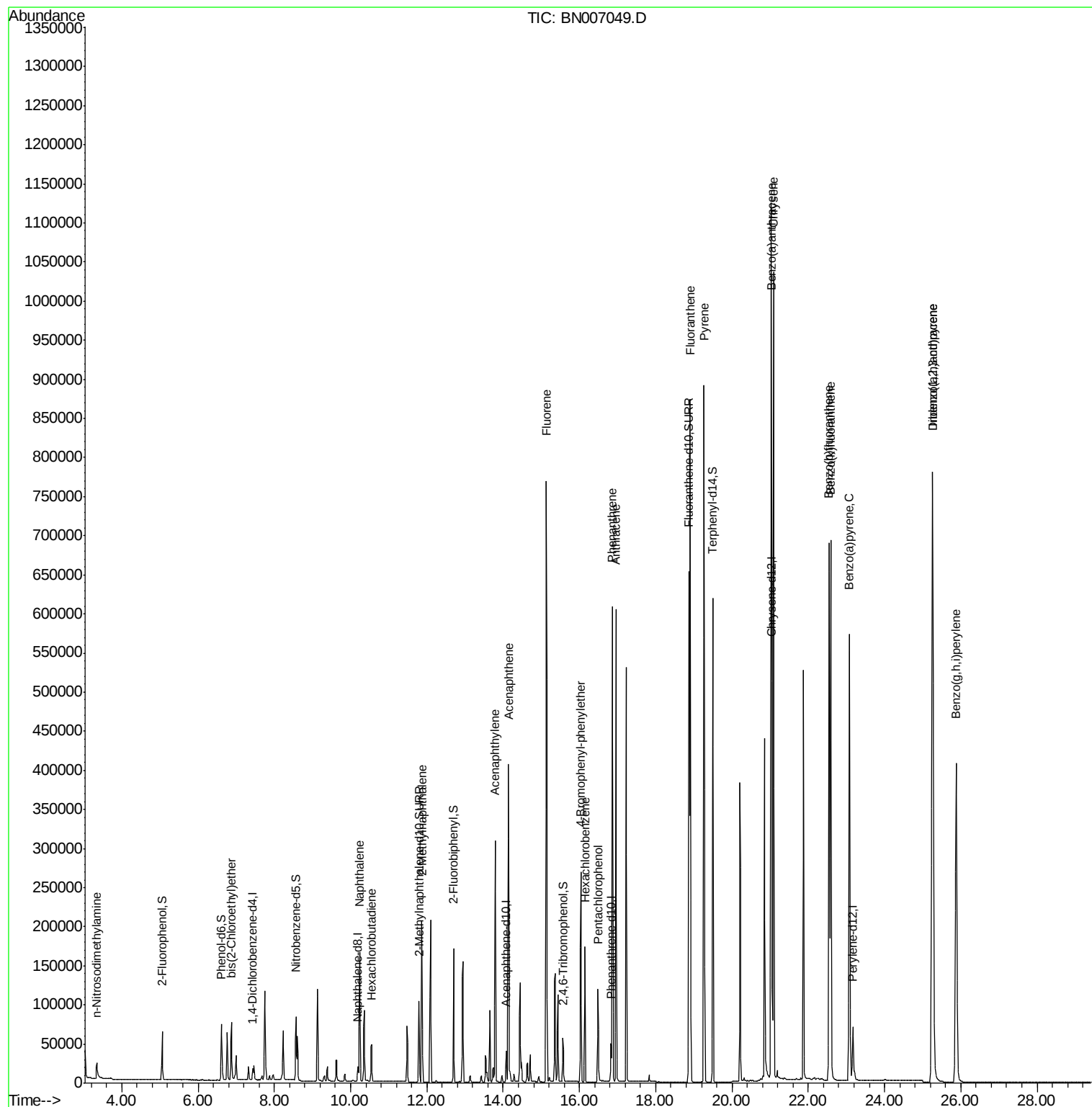
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.34	42	17680	4.431	ng	# 94
5) bis(2-Chloroethyl)ether	6.87	93	54257	2.761	ng	98
8) Naphthalene	10.24	128	206565	2.865	ng	98
9) Hexachlorobutadiene	10.55	225	43051	2.776	ng	# 100
11) 2-Methylnaphthalene	11.87	142	151136	3.007	ng	99
15) Acenaphthylene	13.79	152	347050	3.097	ng	100
16) Acenaphthene	14.14	154	222247	3.067	ng	95
17) Fluorene	15.13	166	345485	3.285	ng	100
19) 4-Bromophenyl-phenylether	16.04	248	128170	2.736	ng	99
20) Hexachlorobenzene	16.14	284	123773	2.828	ng	100
21) Pentachlorophenol	16.48	266	53176	3.491	ng	98
22) Phenanthrene	16.87	178	622194	2.815	ng	100
23) Anthracene	16.96	178	598872	3.109	ng	100
25) Fluoranthene	18.90	202	778739	2.744	ng	99
27) Pyrene	19.27	202	804749	2.746	ng	100
29) Benzo(a)anthracene	21.03	228	857088	2.918	ng	99
30) Chrysene	21.09	228	833860	2.871	ng	99
31) Indeno(1,2,3-cd)pyrene	25.25	276	952154	3.065	ng	99
33) Benzo(b)fluoranthene	22.55	252	834280	2.937	ng	98
34) Benzo(k)fluoranthene	22.59	252	836520	2.945	ng	98
35) Benzo(a)pyrene	23.08	252	776694	3.032	ng	97
36) Dibenzo(a,h)anthracene	25.27	278	770815	3.019	ng	99
37) Benzo(g,h,i)perylene	25.88	276	782859	2.935	ng	98

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

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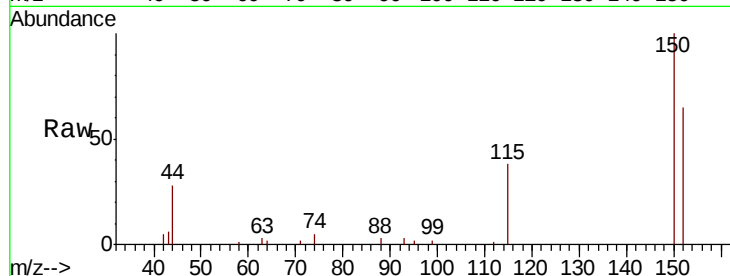


#1

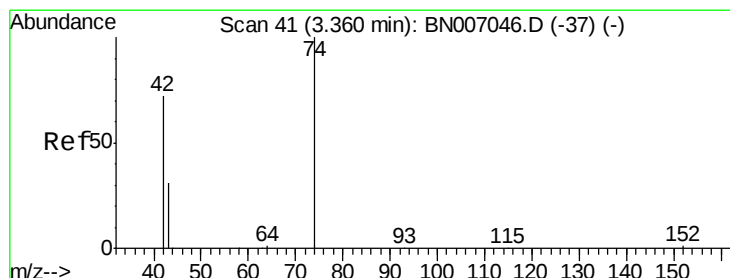
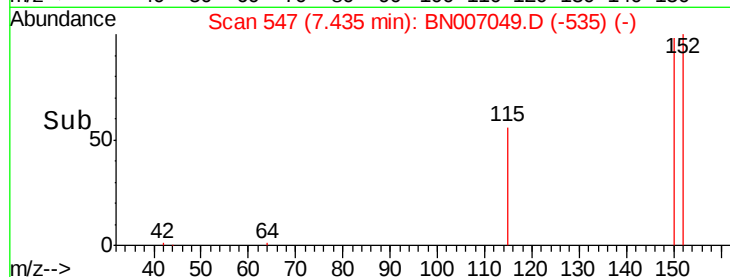
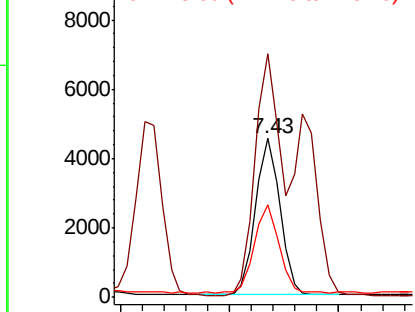
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 152 Resp: 6967
Ion Ratio Lower Upper
152 100
150 153.1 121.7 182.5
115 58.0 46.2 69.4



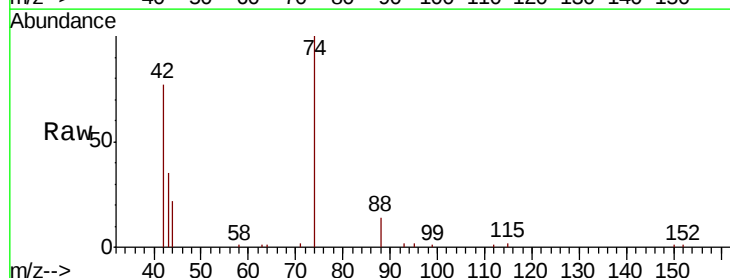
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



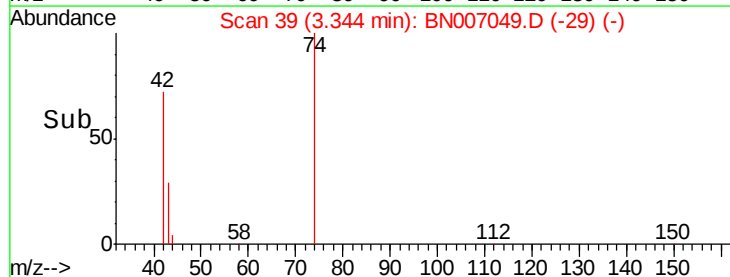
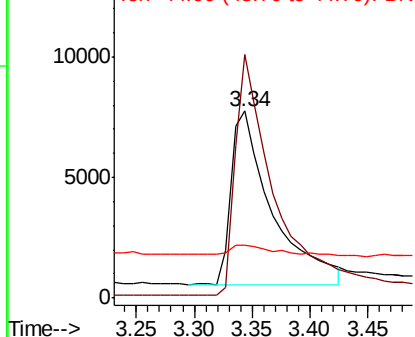
#2

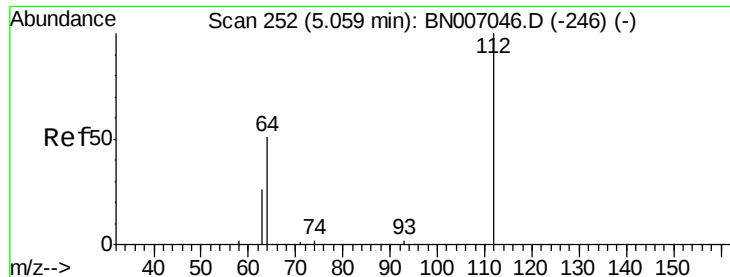
n-Nitrosodimethylamine
Concen: 4.431 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.02 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Tgt Ion: 42 Resp: 17680
Ion Ratio Lower Upper
42 100
74 131.2 110.6 166.0
44 4.9 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: 2.740 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007049.D

Acq: 10 Aug 2019 14:18

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

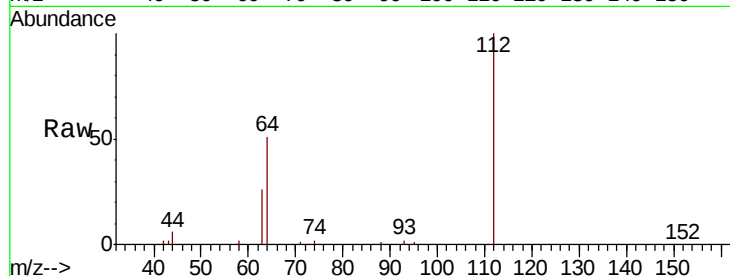
Tgt Ion: 112 Resp: 49456

Ion Ratio Lower Upper

112 100

64 53.1 42.6 63.8

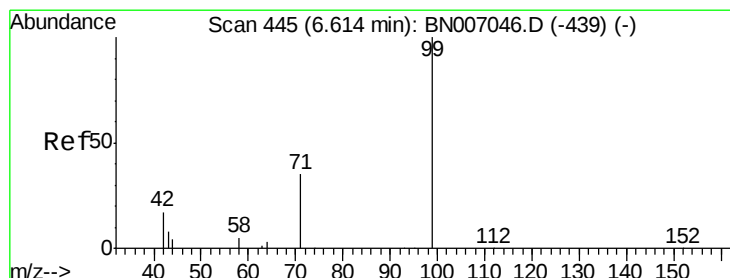
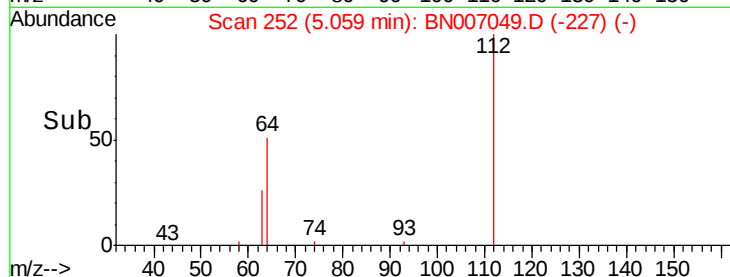
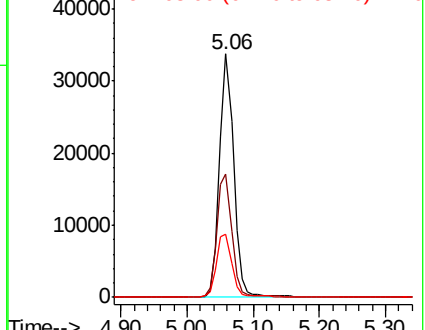
63 27.8 22.2 33.2



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: 2.912 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007049.D

Acq: 10 Aug 2019 14:18

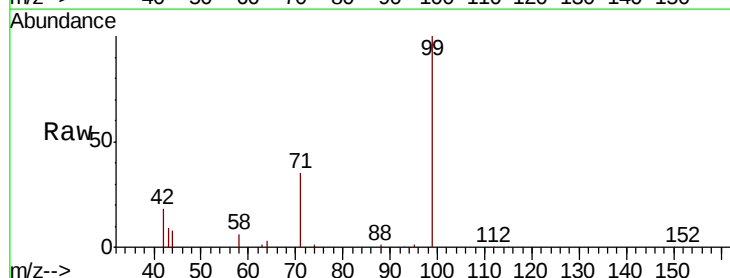
Tgt Ion: 99 Resp: 64098

Ion Ratio Lower Upper

99 100

42 18.4 15.8 23.6

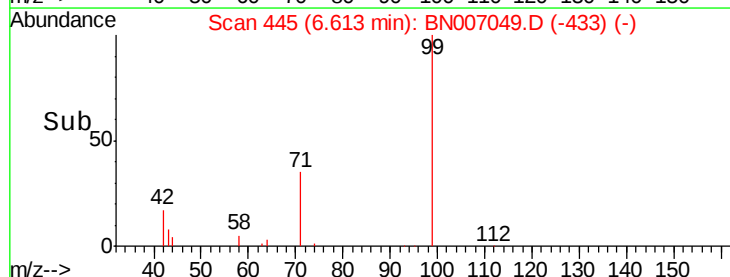
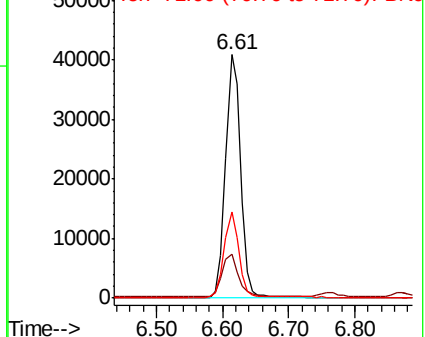
71 33.7 27.0 40.4

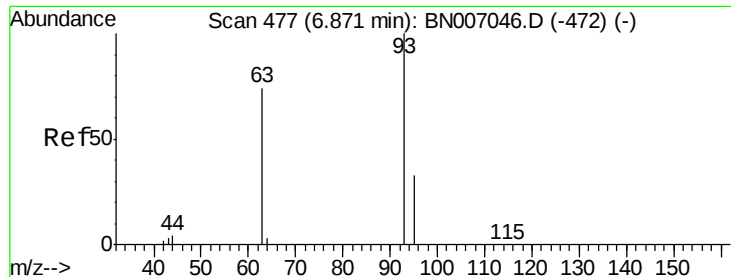


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 2.761 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BN007049.D

Acq: 10 Aug 2019 14:18

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

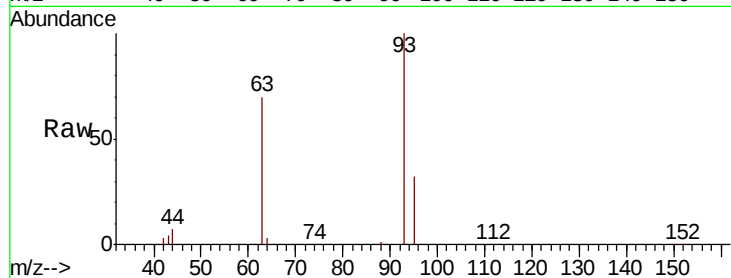
Tgt Ion: 93 Resp: 54257

Ion Ratio Lower Upper

93 100

63 71.1 55.6 83.4

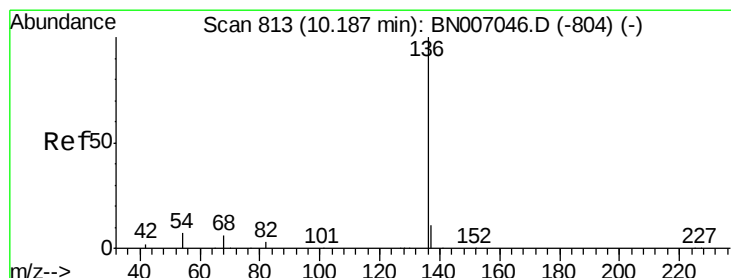
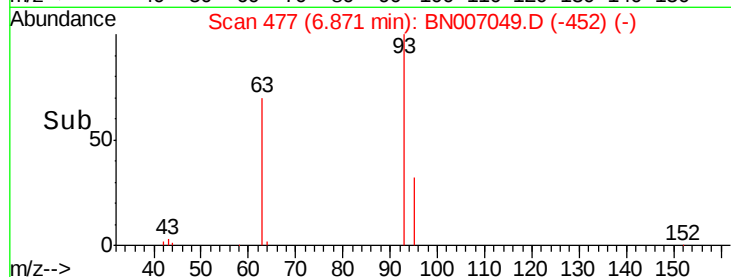
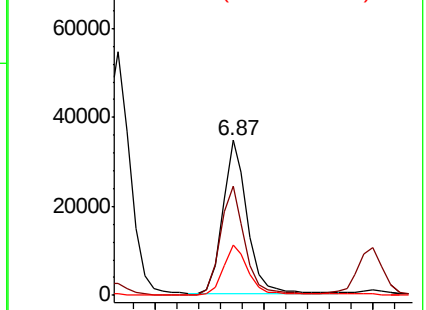
95 32.8 26.7 40.1



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: BN007049.D

Acq: 10 Aug 2019 14:18

Tgt Ion: 136 Resp: 24510

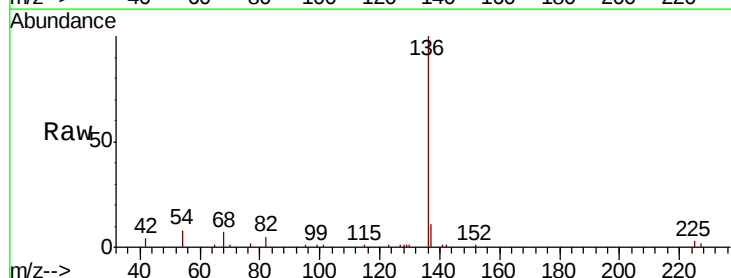
Ion Ratio Lower Upper

136 100

137 11.1 9.4 14.0

54 7.8 6.6 9.8

68 6.9 6.0 9.0

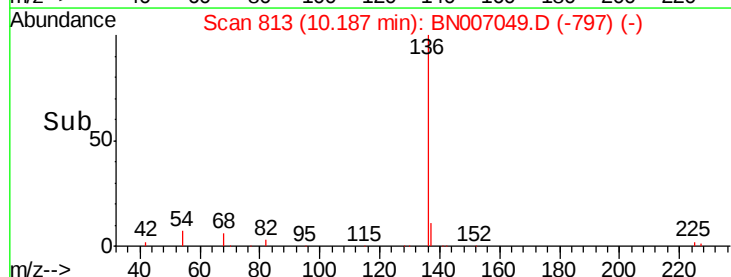
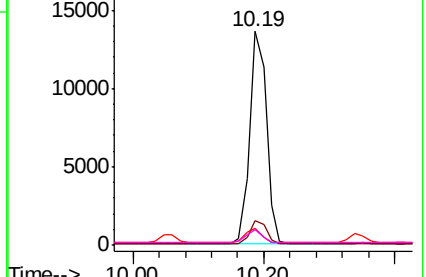


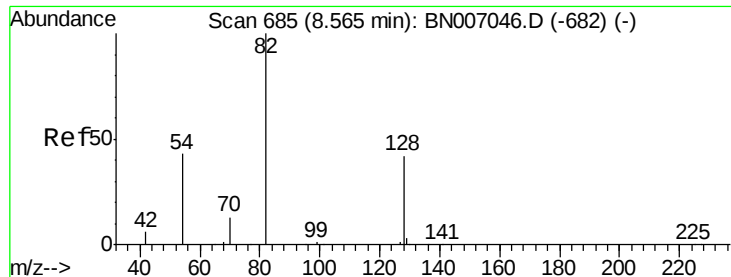
Abundance Ion 136.00 (135.70 to 136.70): BN007046.D (-804) (-)

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: 3.251 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007049.D

Acq: 10 Aug 2019 14:18

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

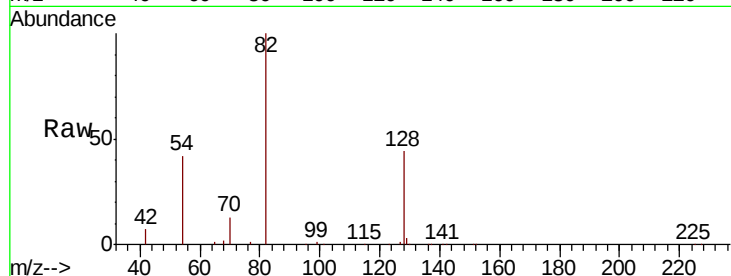
Tgt Ion: 82 Resp: 62090

Ion Ratio Lower Upper

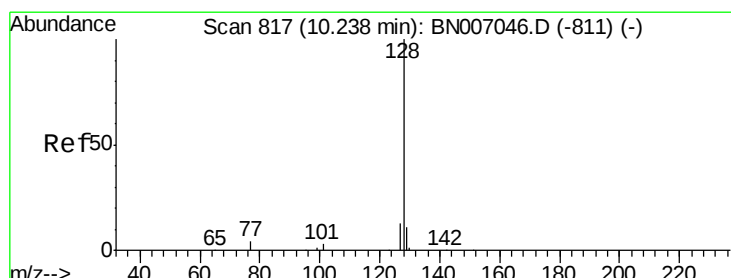
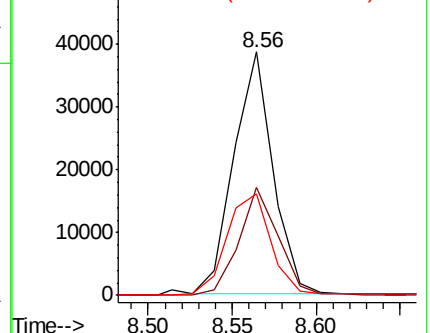
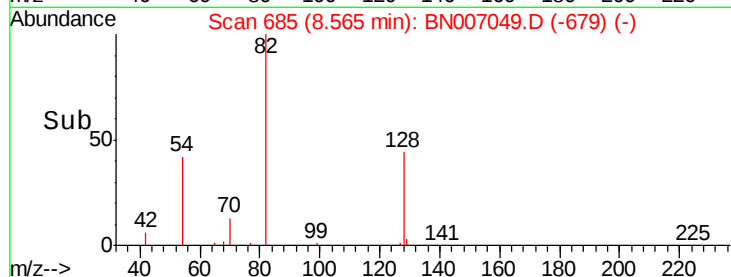
82 100

128 44.1 34.6 51.8

54 41.9 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BN007049.D (-679) (-)



#8

Naphthalene

Concen: 2.865 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007049.D

Acq: 10 Aug 2019 14:18

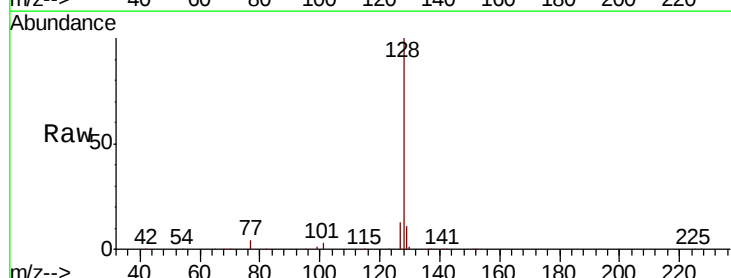
Tgt Ion: 128 Resp: 206565

Ion Ratio Lower Upper

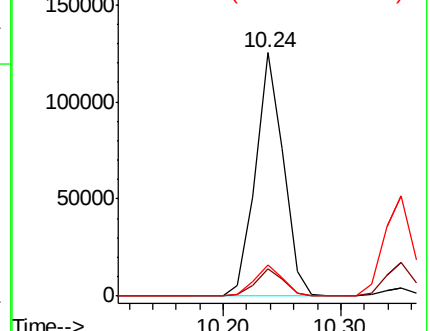
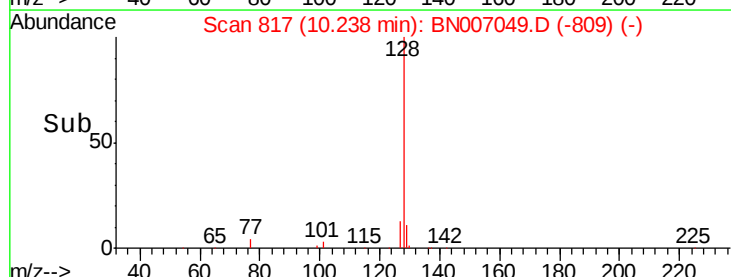
128 100

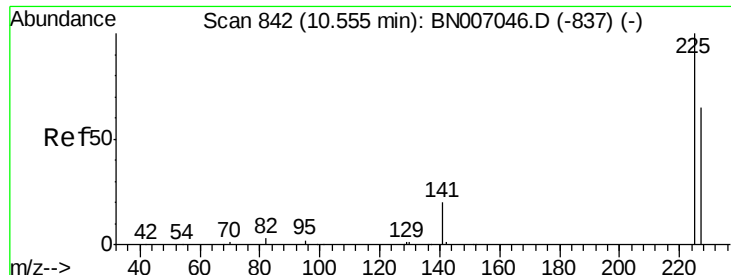
129 11.1 9.4 14.2

127 13.0 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): BN007049.D (-809) (-)





#9

Hexachlorobutadiene

Concen: 2.776 ng

RT: 10.55 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN007049.D

Acq: 10 Aug 2019 14:18

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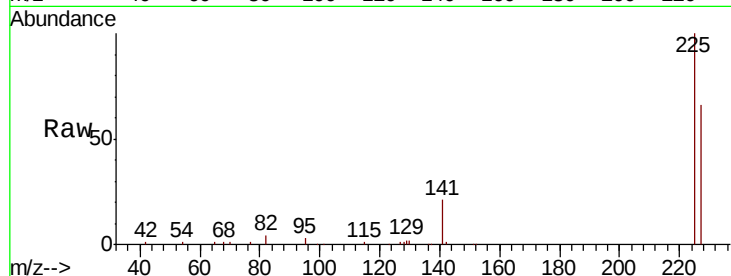
Tgt Ion: 225 Resp: 43051

Ion Ratio Lower Upper

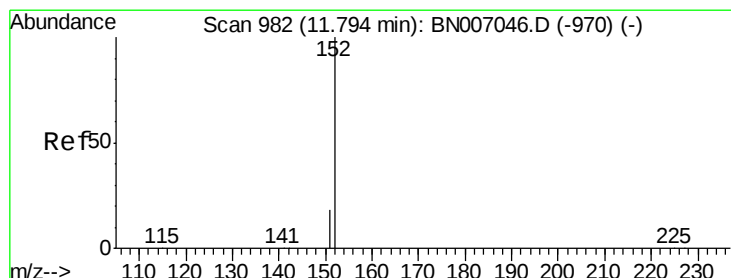
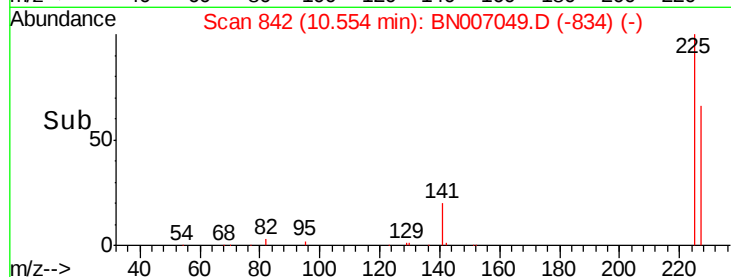
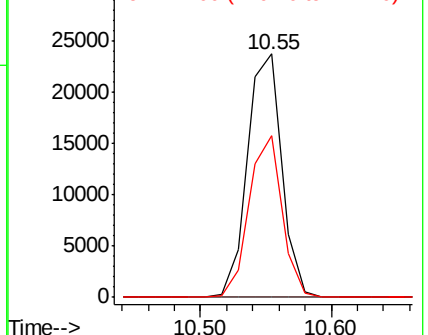
225 100

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: 3.020 ng

RT: 11.79 min Scan# 982

Delta R.T. -0.00 min

Lab File: BN007049.D

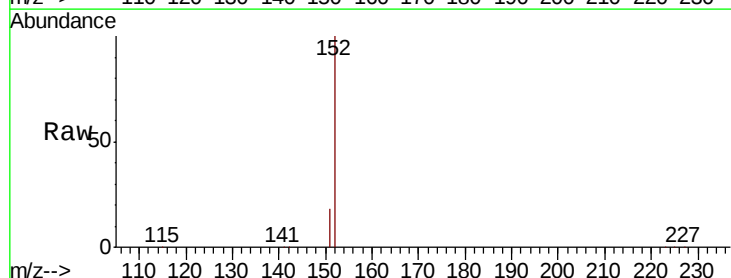
Acq: 10 Aug 2019 14:18

Tgt Ion: 152 Resp: 142287

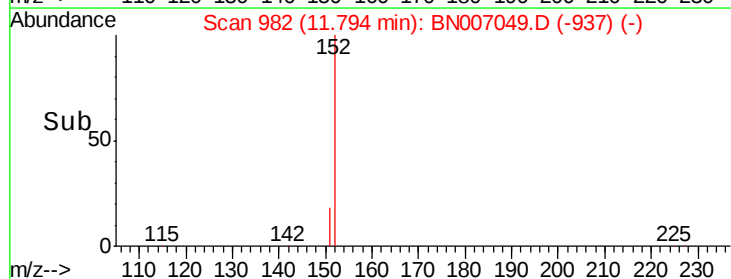
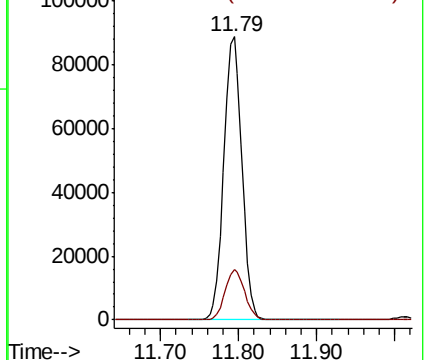
Ion Ratio Lower Upper

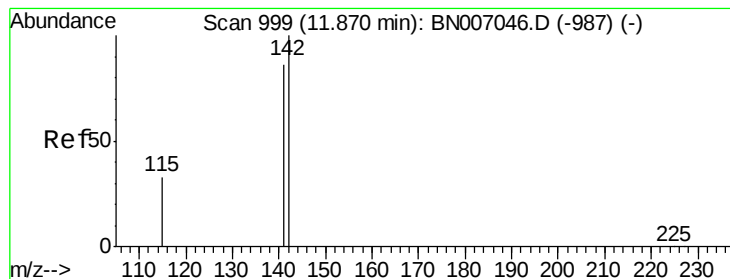
152 100

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: 3.007 ng

RT: 11.87 min Scan# 999

Delta R.T. -0.00 min

Lab File: BN007049.D

Acq: 10 Aug 2019 14:18

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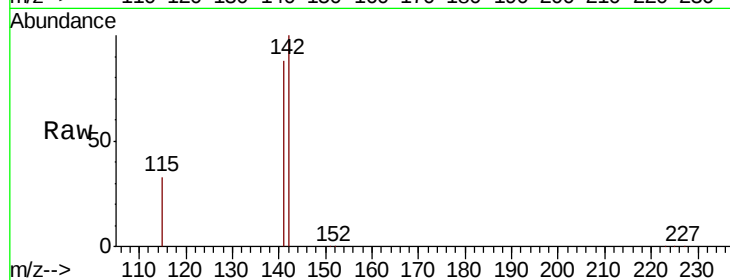
Tgt Ion:142 Resp: 151136

Ion Ratio Lower Upper

142 100

141 87.6 69.0 103.6

115 33.2 27.1 40.7

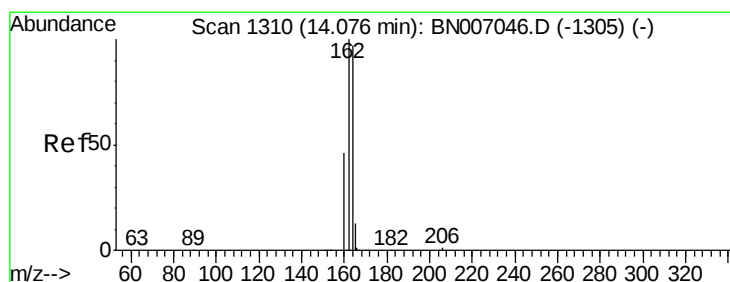
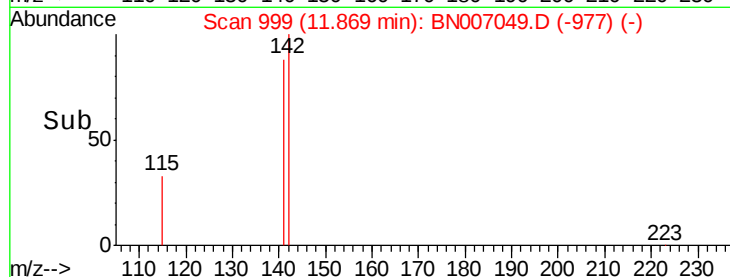
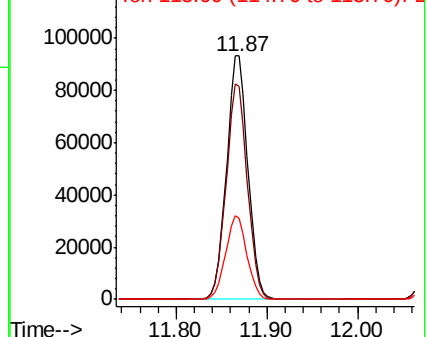


Abundance

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: BN007049.D

Acq: 10 Aug 2019 14:18

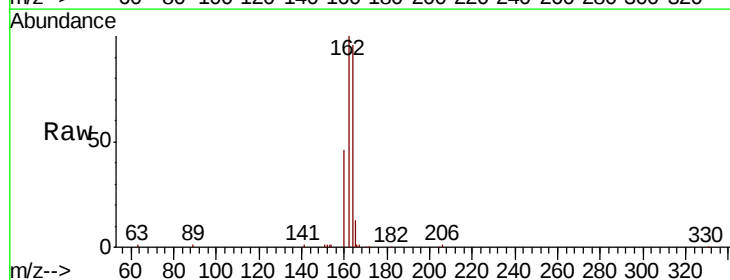
Tgt Ion:164 Resp: 21324

Ion Ratio Lower Upper

164 100

162 104.1 82.2 123.4

160 48.2 38.3 57.5

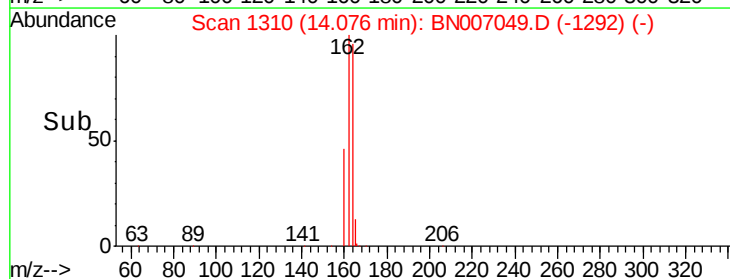
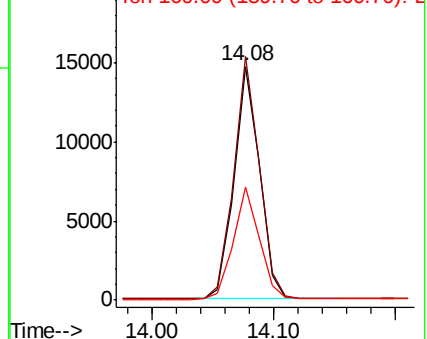


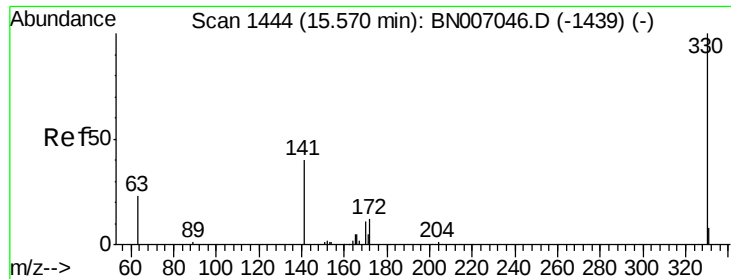
Abundance

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

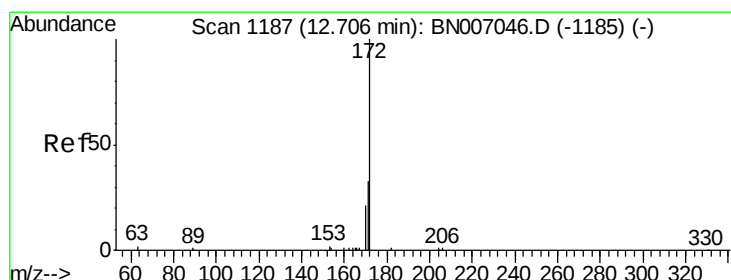
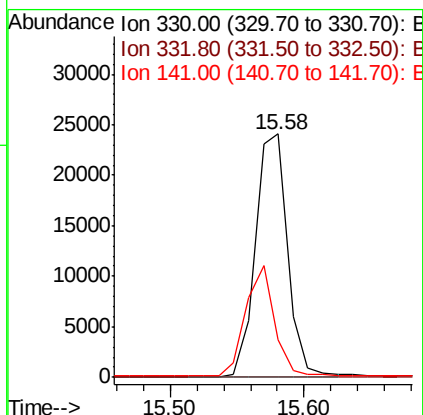
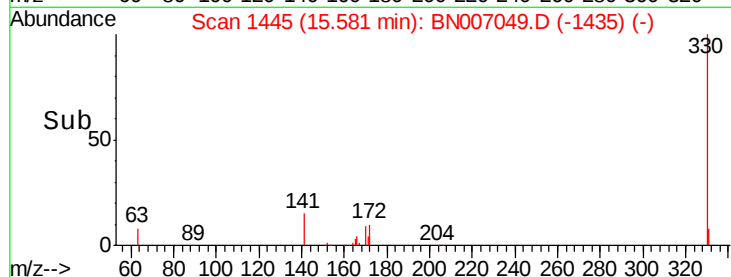
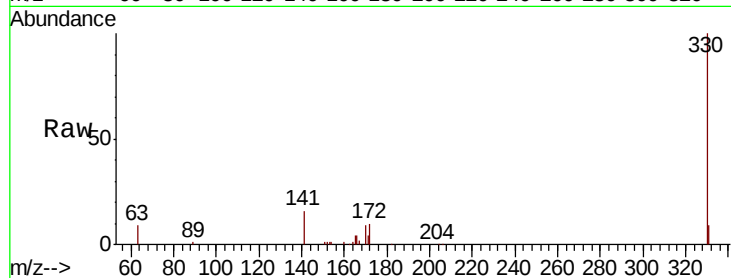




#13
 2,4,6-Tribromophenol
 Concen: 4.026 ng
 RT: 15.58 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BN007049.D
 Acq: 10 Aug 2019 14:18

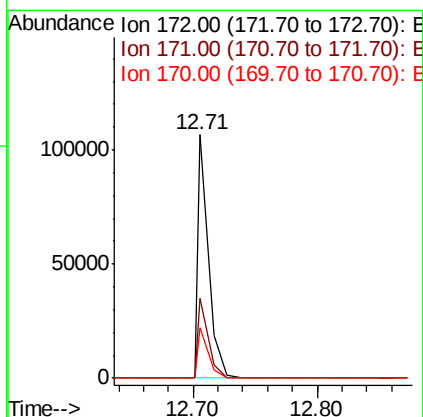
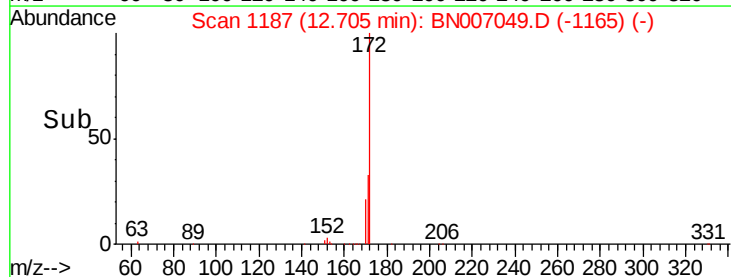
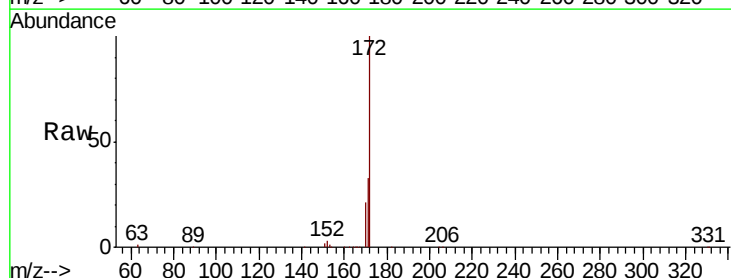
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

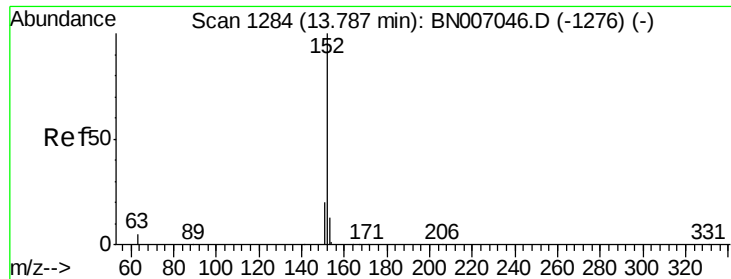
Tgt Ion:330 Resp: 40512
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 41.0 33.6 50.4



#14
 2-Fluorobiphenyl
 Concen: 2.170 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007049.D
 Acq: 10 Aug 2019 14:18

Tgt Ion:172 Resp: 76823
 Ion Ratio Lower Upper
 172 100
 171 32.6 26.3 39.5
 170 20.6 17.0 25.4





#15

Acenaphthylene

Concen: 3.097 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007049.D

Acq: 10 Aug 2019 14:18

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

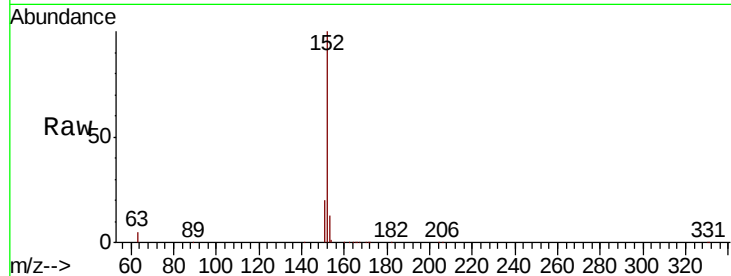
Tgt Ion:152 Resp: 347050

Ion Ratio Lower Upper

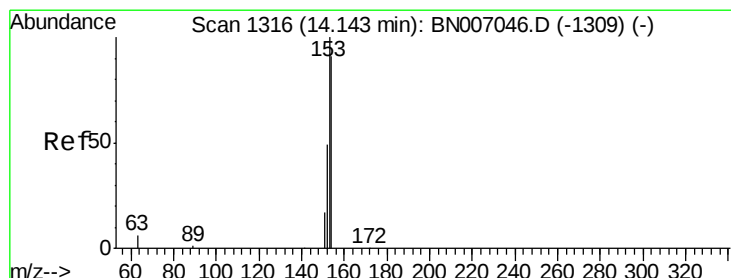
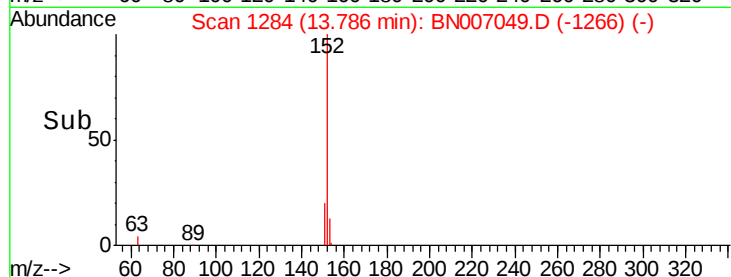
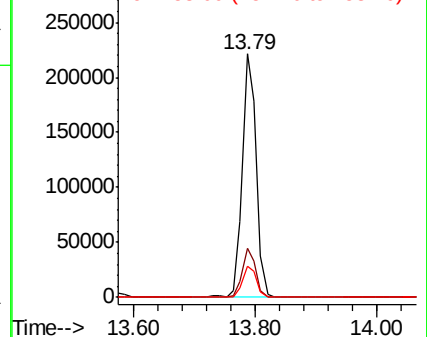
152 100

151 19.6 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: 3.067 ng

RT: 14.14 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BN007049.D

Acq: 10 Aug 2019 14:18

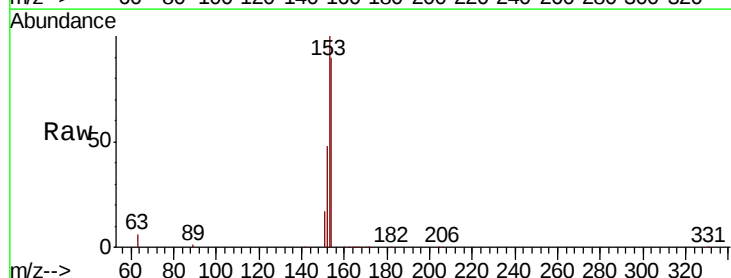
Tgt Ion:154 Resp: 222247

Ion Ratio Lower Upper

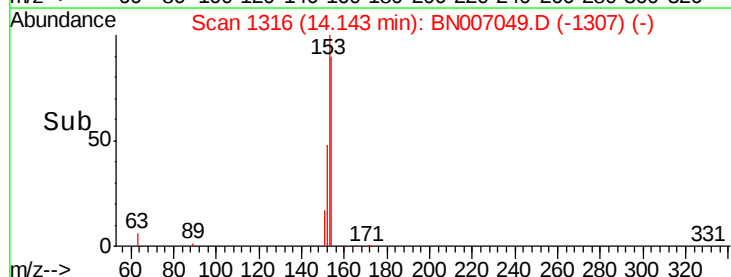
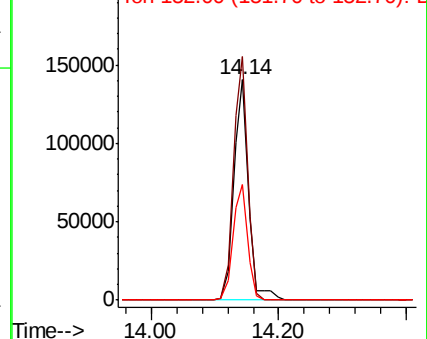
154 100

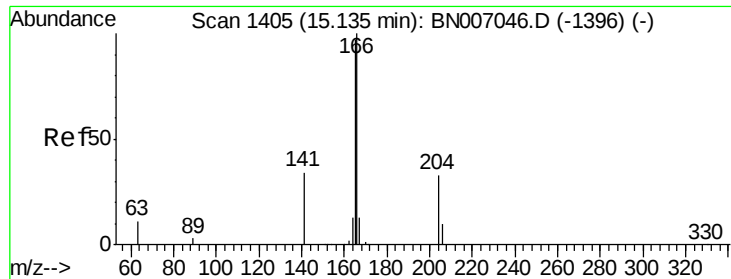
153 106.8 89.5 134.3

152 52.1 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

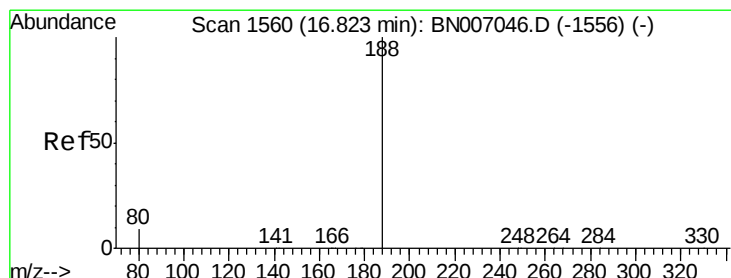
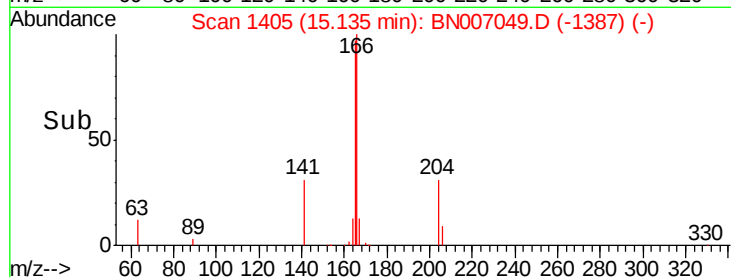
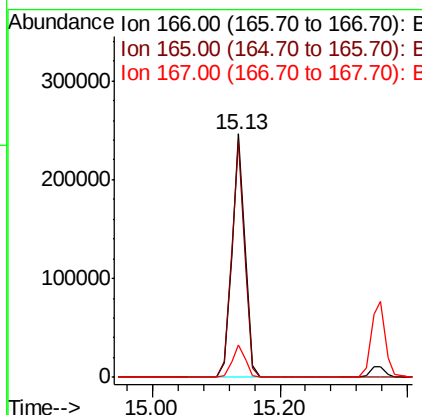
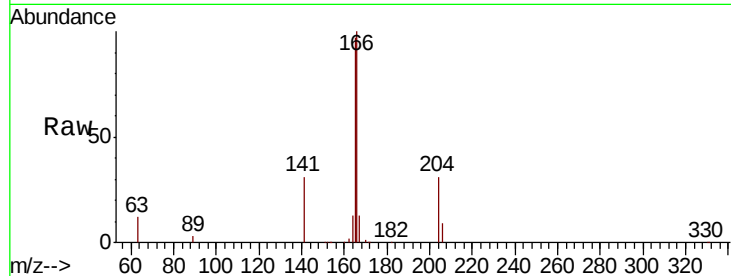




#17
Fluorene
 Concen: 3.285 ng
 RT: 15.13 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BN007049.D
 Acq: 10 Aug 2019 14:18

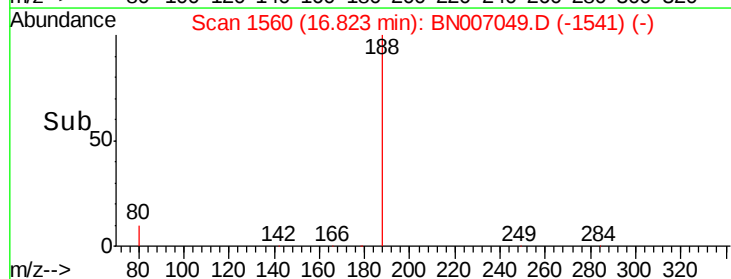
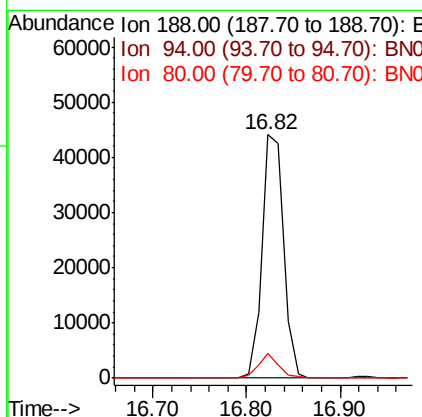
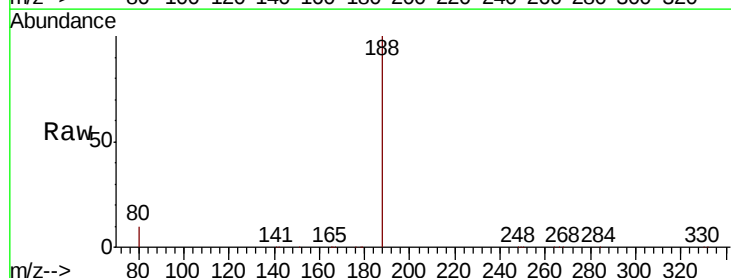
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

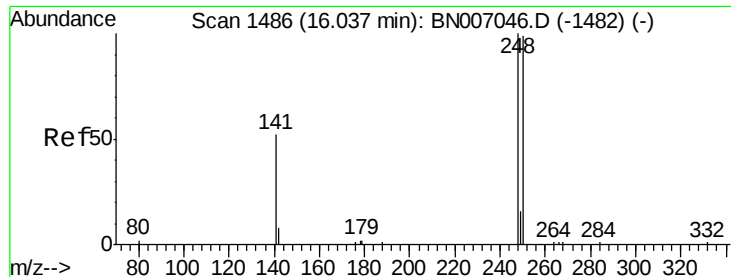
Tgt Ion:166 Resp: 345485
 Ion Ratio Lower Upper
 166 100
 165 97.1 77.9 116.9
 167 13.5 10.9 16.3



#18
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BN007049.D
 Acq: 10 Aug 2019 14:18

Tgt Ion:188 Resp: 70400
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.1 7.8 11.6

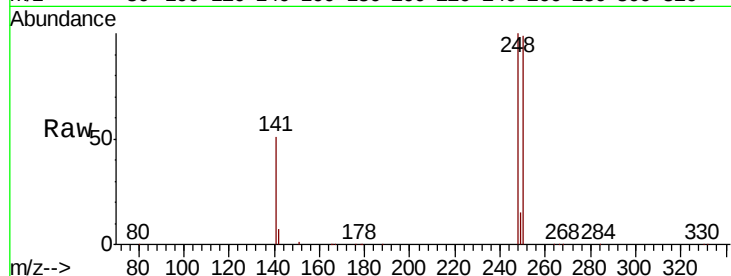




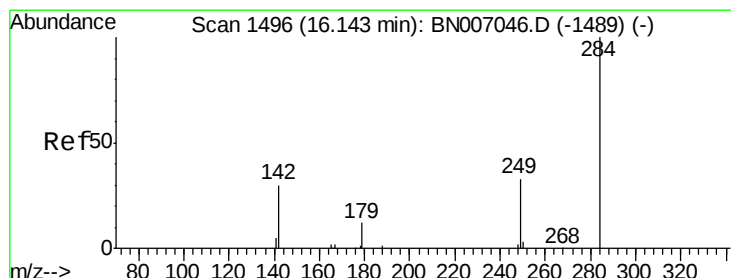
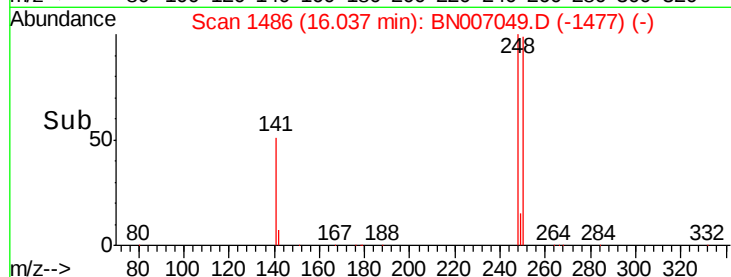
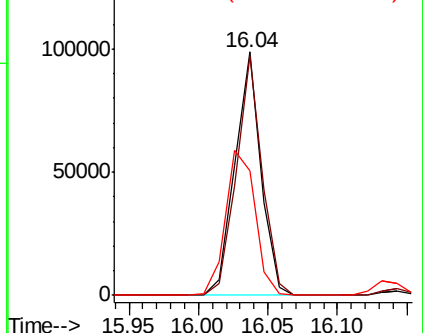
#19
4-Bromophenyl-phenylether
Concen: 2.736 ng
RT: 16.04 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Instrument :
BNA_N
ClientSampleId :
SSTDIC3.2

Tgt Ion:248 Resp: 128170
Ion Ratio Lower Upper
248 100
250 98.5 78.9 118.3
141 51.3 43.3 64.9

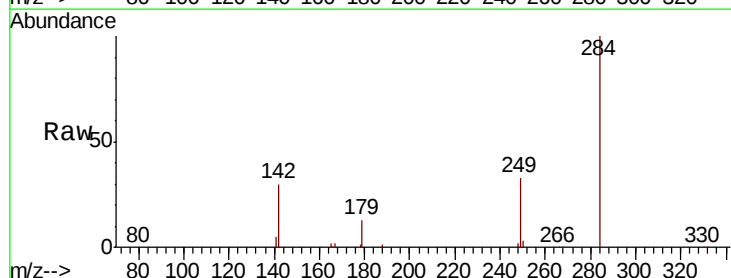


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

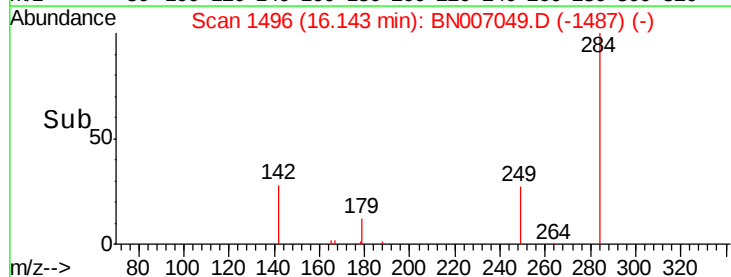
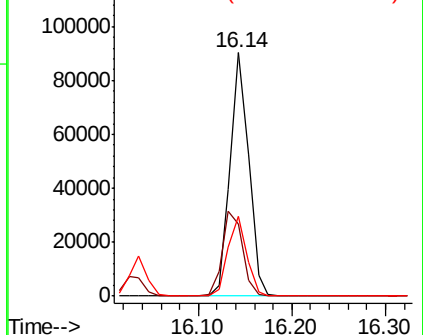


#20
Hexachlorobenzene
Concen: 2.828 ng
RT: 16.14 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN007049.D
Acq: 10 Aug 2019 14:18

Tgt Ion:284 Resp: 123773
Ion Ratio Lower Upper
284 100
142 38.3 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

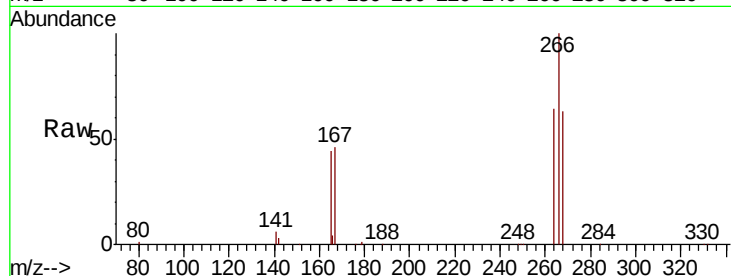




#21
 Pentachlorophenol
 Concen: 3.491 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007049.D
 Acq: 10 Aug 2019 14:18

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.9	52.3	78.5
268	62.6	51.5	77.3

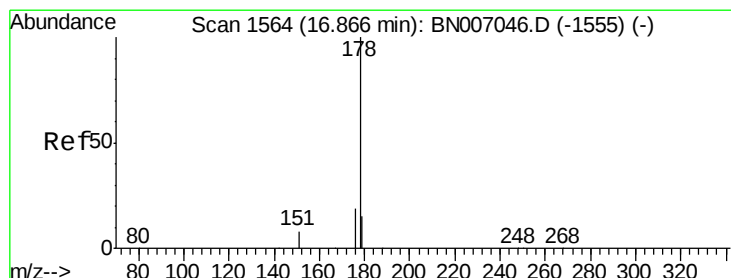
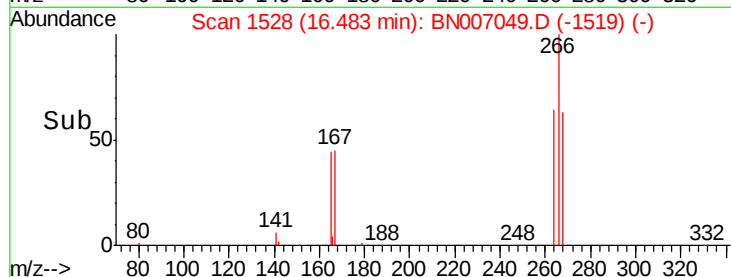
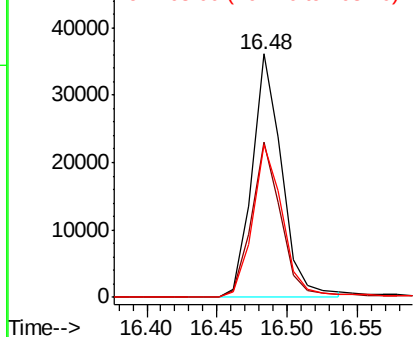


Abundance

Ion 266.00 (265.70 to 266.70): E

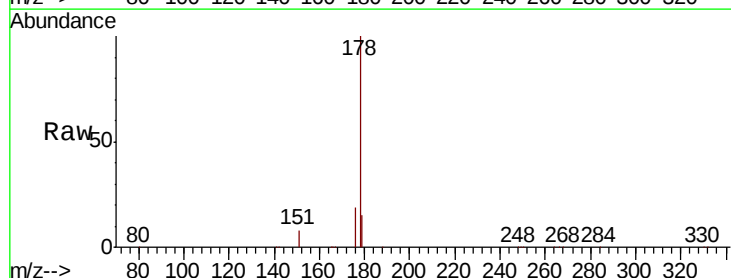
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#22
 Phenanthrene
 Concen: 2.815 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007049.D
 Acq: 10 Aug 2019 14:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.3	12.3	18.5

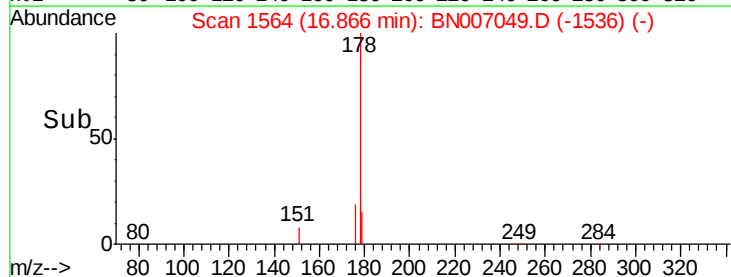
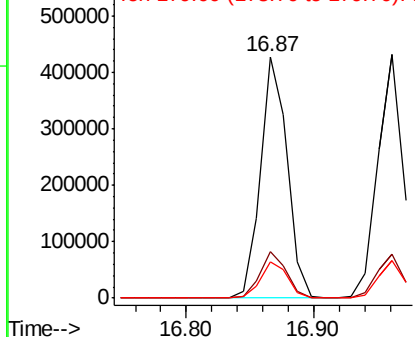


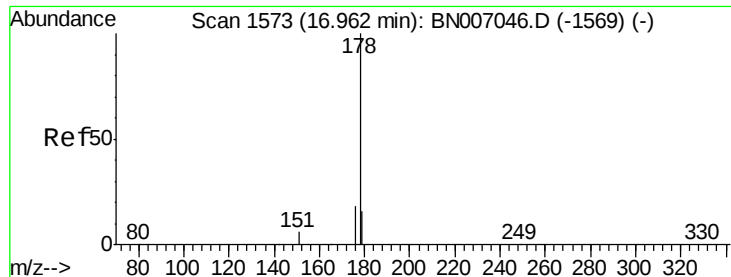
Abundance

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: 3.109 ng

RT: 16.96 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007049.D

Acq: 10 Aug 2019 14:18

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

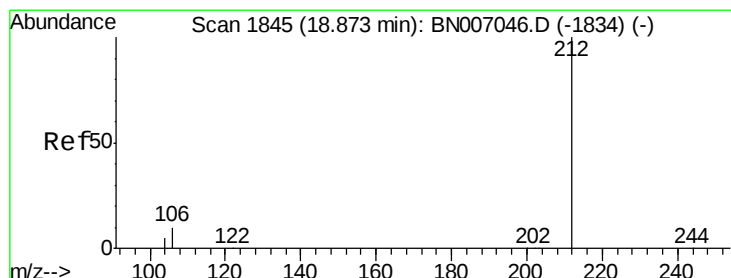
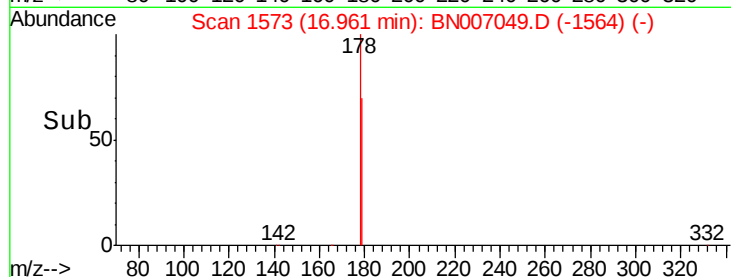
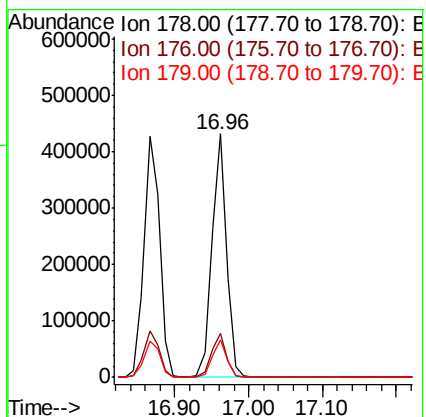
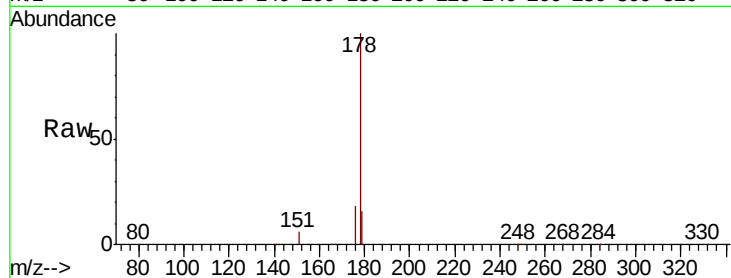
Tgt Ion:178 Resp: 598872

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

179 15.5 12.5 18.7



#24

Fluoranthene-d10

Concen: 2.880 ng

RT: 18.87 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BN007049.D

Acq: 10 Aug 2019 14:18

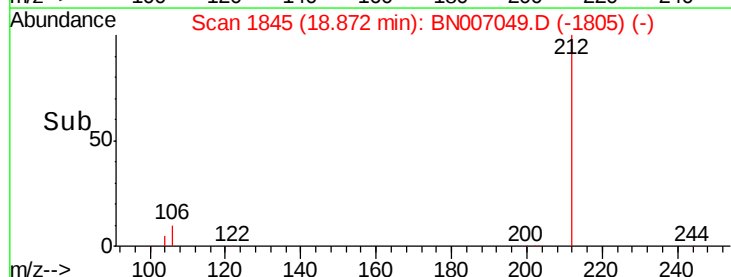
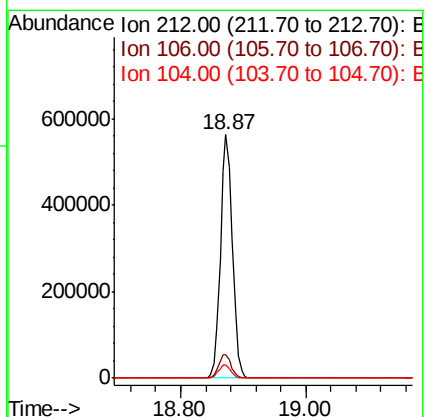
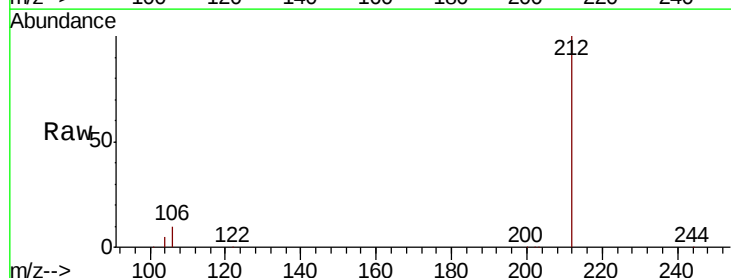
Tgt Ion:212 Resp: 749172

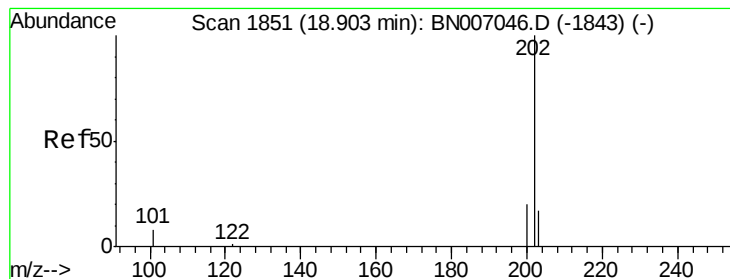
Ion Ratio Lower Upper

212 100

106 10.2 8.2 12.2

104 5.6 4.5 6.7





#25

Fluoranthene

Concen: 2.744 ng

RT: 18.90 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN007049.D

Acq: 10 Aug 2019 14:18

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

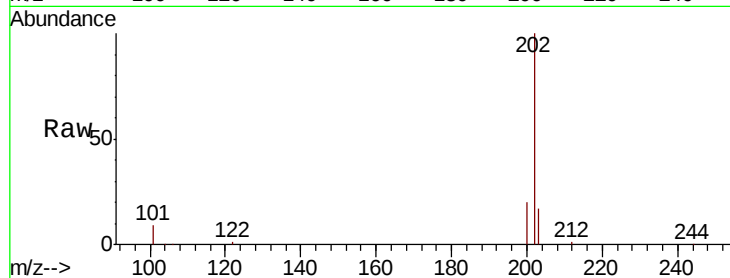
Tgt Ion:202 Resp: 778739

Ion Ratio Lower Upper

202 100

101 8.9 7.0 10.4

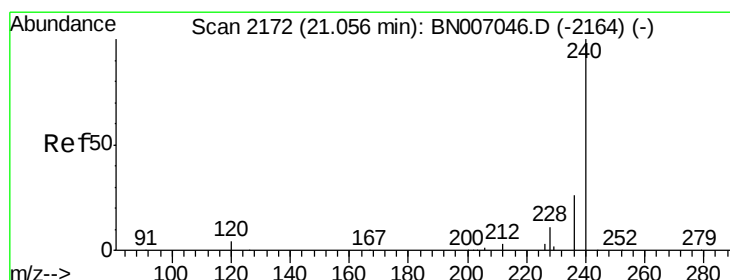
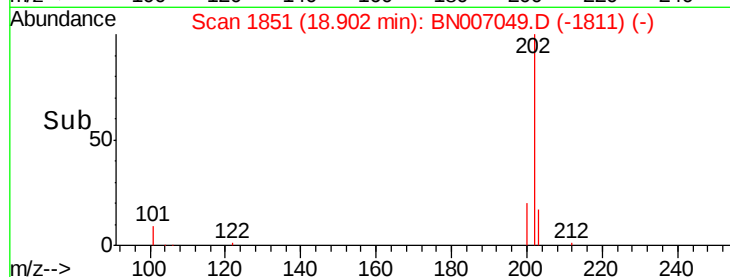
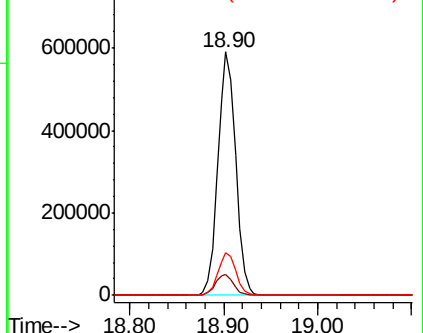
203 17.5 13.8 20.8



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: BN007049.D

Acq: 10 Aug 2019 14:18

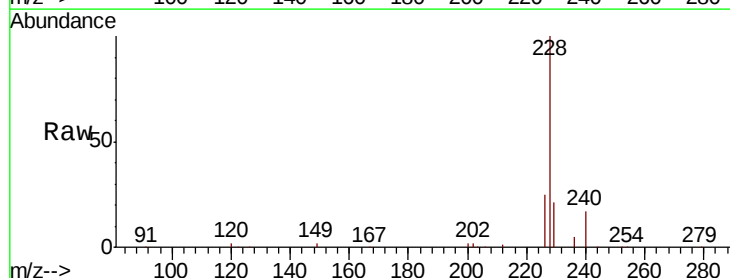
Tgt Ion:240 Resp: 77590

Ion Ratio Lower Upper

240 100

120 11.8 4.0 6.0#

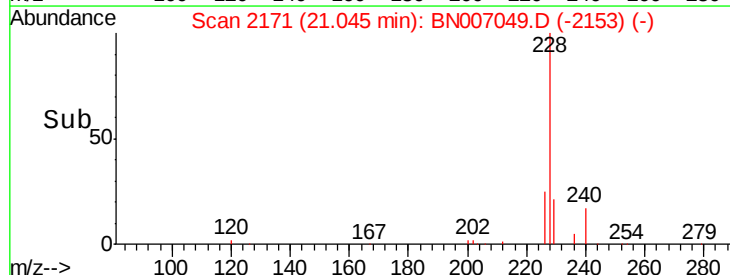
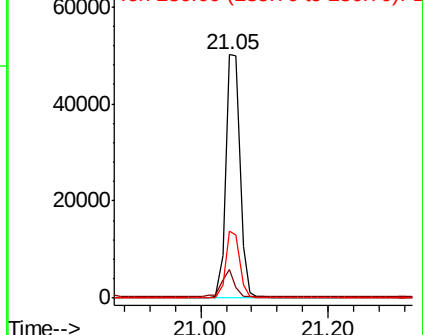
236 27.8 21.3 31.9

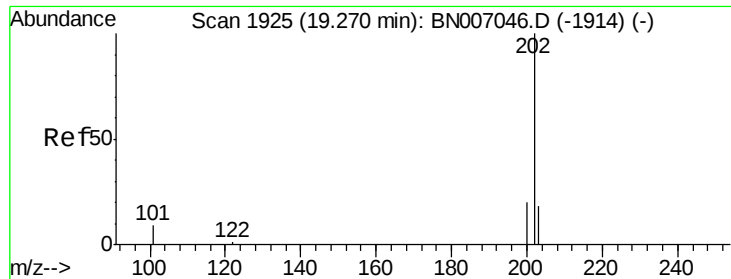


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

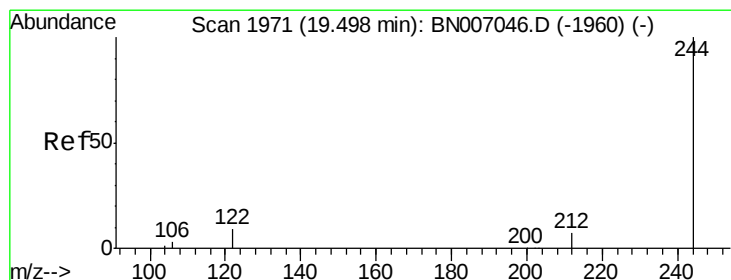
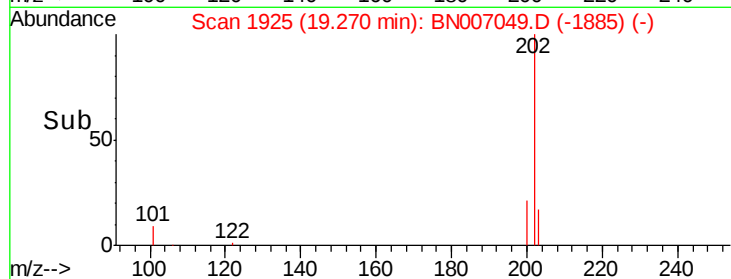
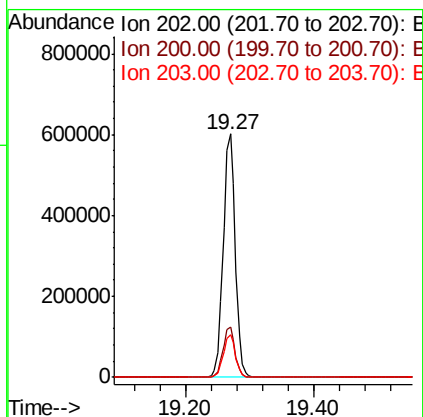
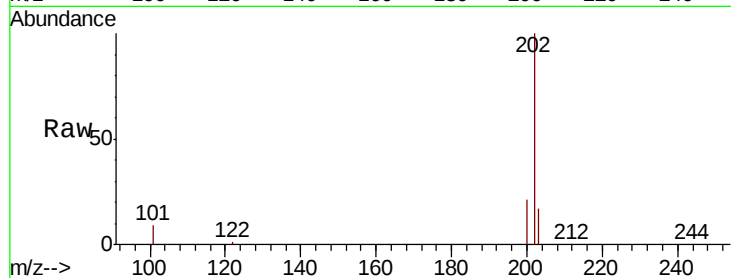




#27
 Pyrene
 Concen: 2.746 ng
 RT: 19.27 min Scan# 1925
 Delta R.T. -0.00 min
 Lab File: BN007049.D
 Acq: 10 Aug 2019 14:18

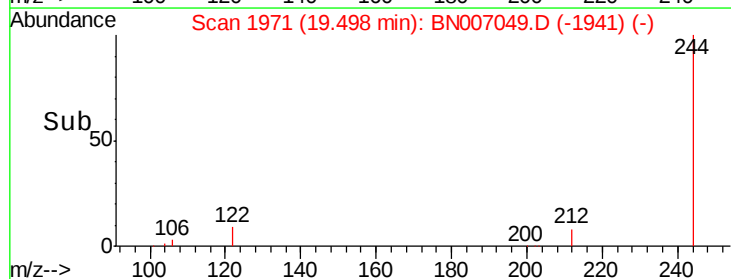
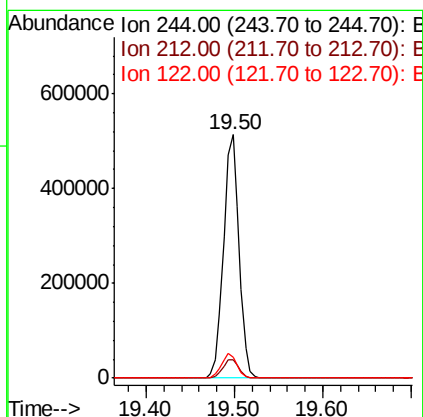
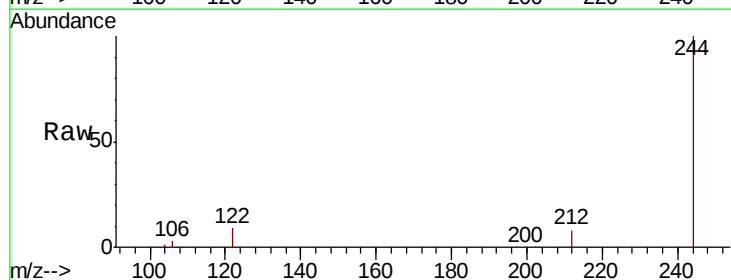
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

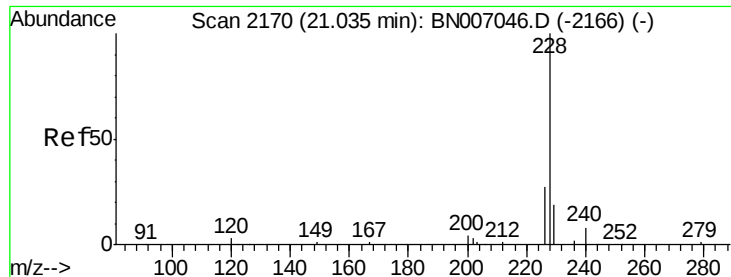
Tgt Ion: 202 Resp: 804749
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.6 24.8
 203 17.5 14.0 21.0



#28
 Terphenyl-d14
 Concen: 2.793 ng
 RT: 19.50 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BN007049.D
 Acq: 10 Aug 2019 14:18

Tgt Ion: 244 Resp: 626456
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 8.8 7.4 11.2





#29

Benzo(a)anthracene

Concen: 2.918 ng

RT: 21.03 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BN007049.D

Acq: 10 Aug 2019 14:18

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

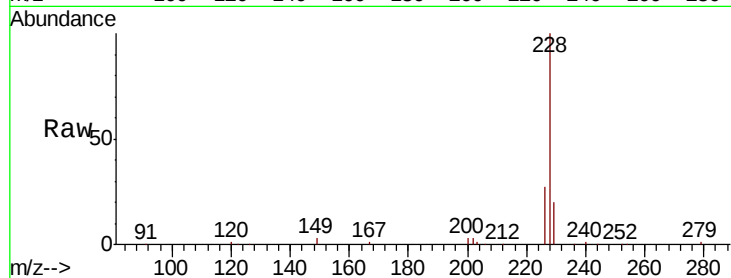
Tgt Ion:228 Resp: 857088

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.6

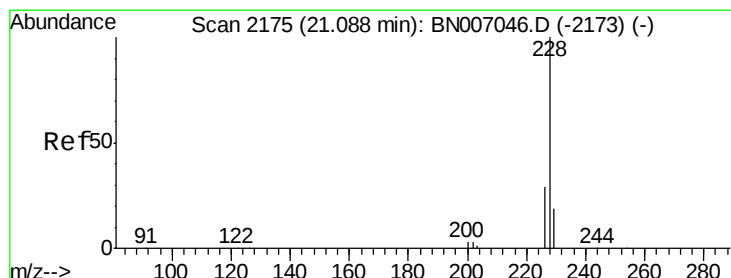
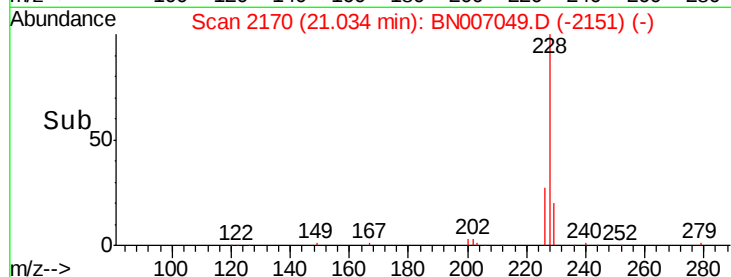
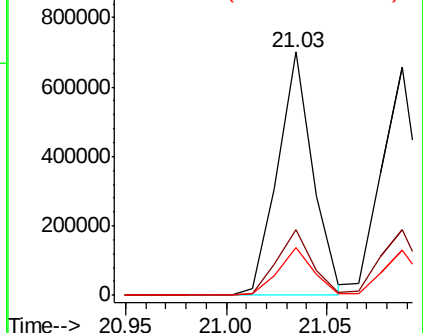
229 19.7 15.6 23.4



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: 2.871 ng

RT: 21.09 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BN007049.D

Acq: 10 Aug 2019 14:18

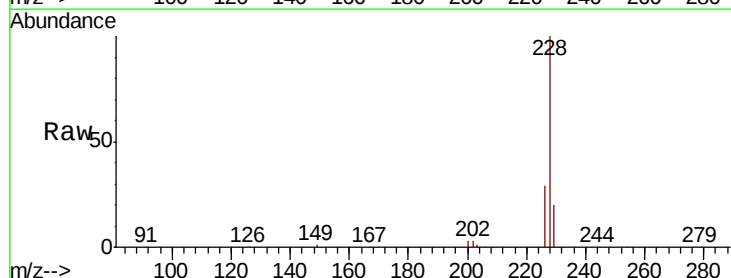
Tgt Ion:228 Resp: 833860

Ion Ratio Lower Upper

228 100

226 29.0 23.8 35.6

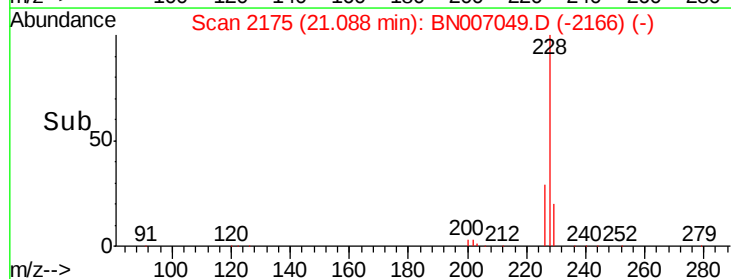
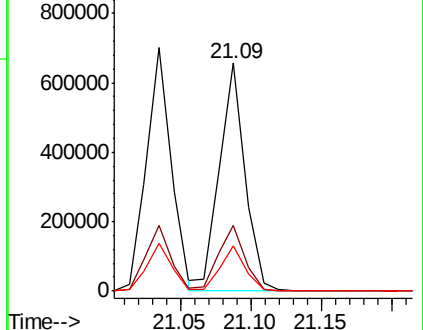
229 19.8 15.7 23.5

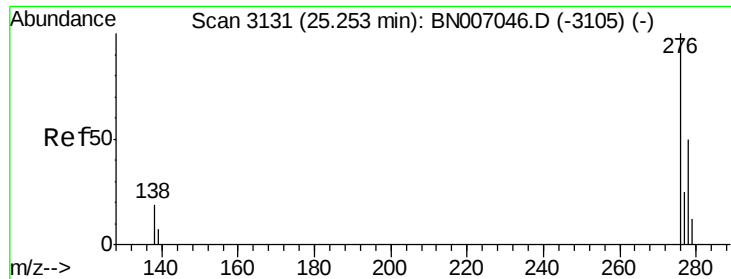


Abundance Ion 228.00 (227.70 to 228.70): E

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: 3.065 ng

RT: 25.25 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BN007049.D

Acq: 10 Aug 2019 14:18

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

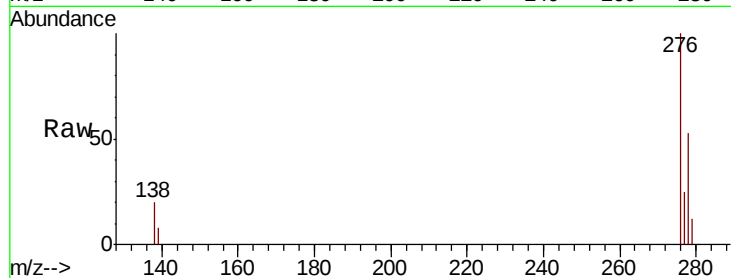
Tgt Ion:276 Resp: 952154

Ion Ratio Lower Upper

276 100

138 20.5 16.0 24.0

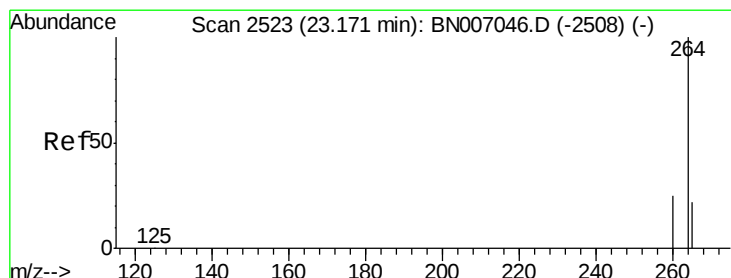
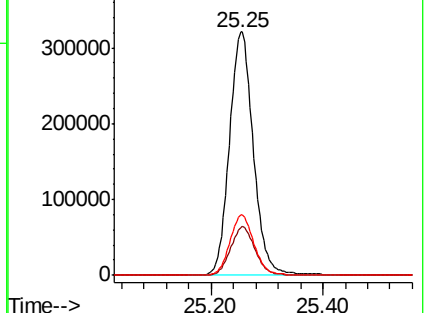
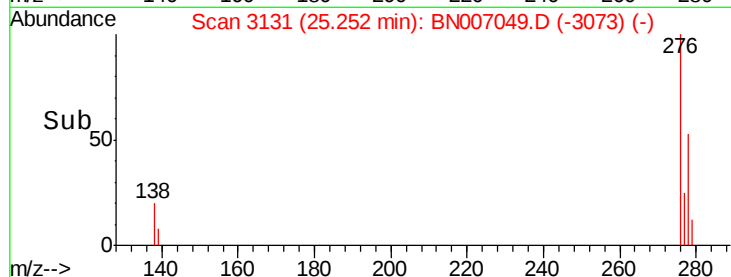
277 25.0 19.9 29.9



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: 23.17 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN007049.D

Acq: 10 Aug 2019 14:18

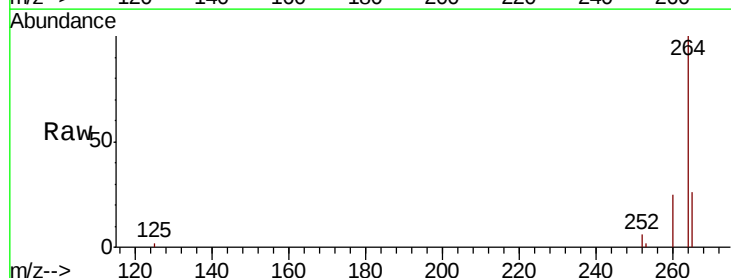
Tgt Ion:264 Resp: 81602

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.8

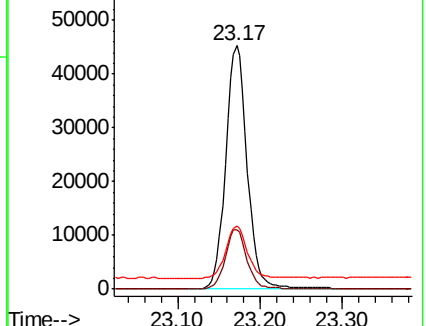
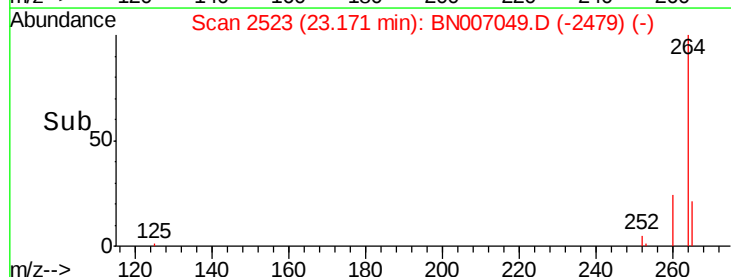
265 25.8 26.2 39.4#

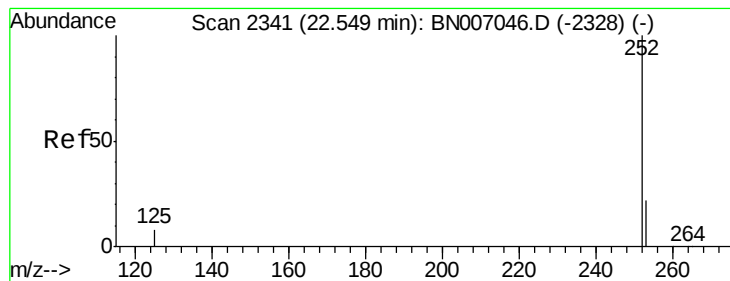


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 2.937 ng

RT: 22.55 min Scan# 2341

Delta R.T. -0.00 min

Lab File: BN007049.D

Acq: 10 Aug 2019 14:18

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

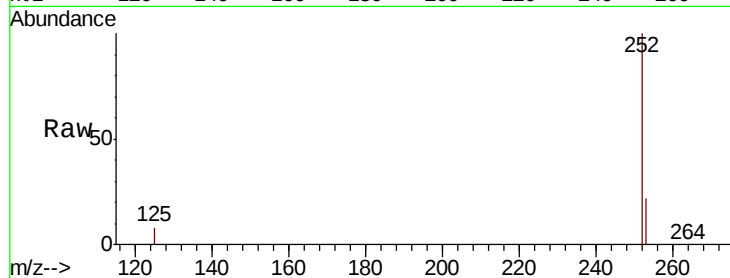
Tgt Ion:252 Resp: 834280

Ion Ratio Lower Upper

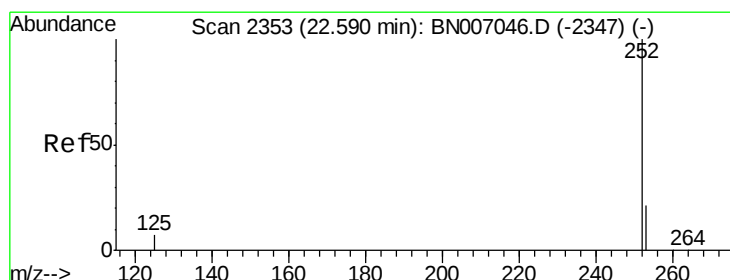
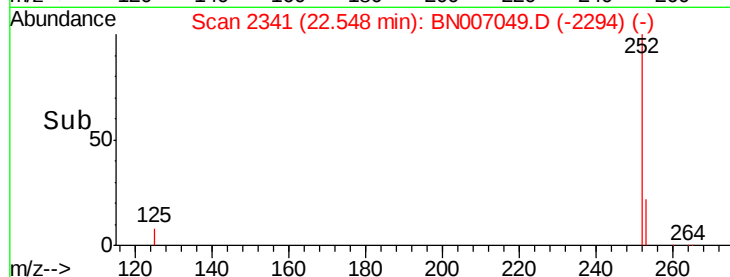
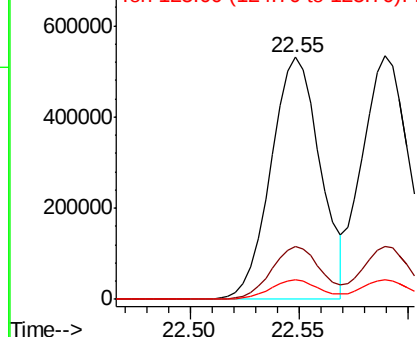
252 100

253 21.8 18.2 27.2

125 7.9 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: 2.945 ng

RT: 22.59 min Scan# 2353

Delta R.T. -0.00 min

Lab File: BN007049.D

Acq: 10 Aug 2019 14:18

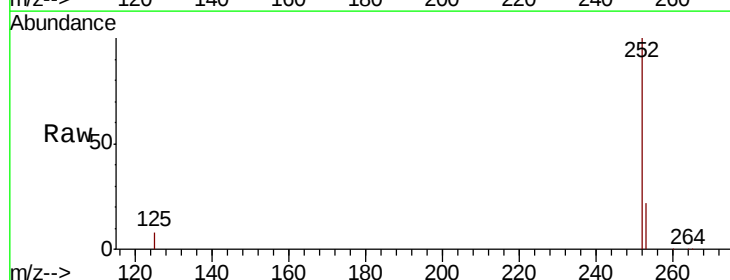
Tgt Ion:252 Resp: 836520

Ion Ratio Lower Upper

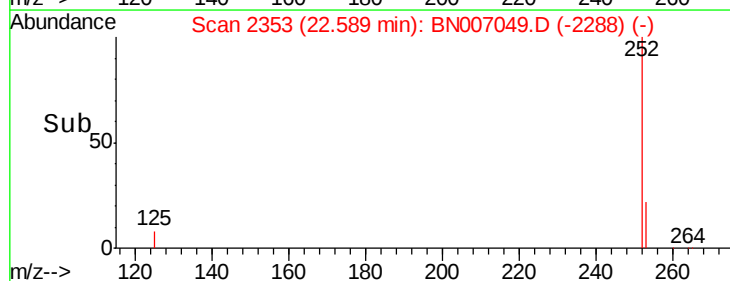
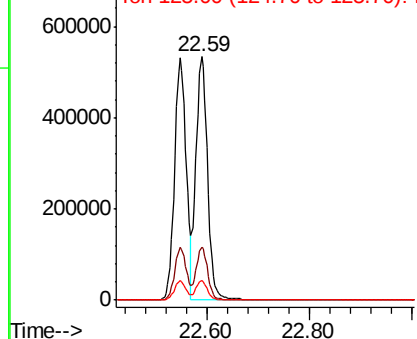
252 100

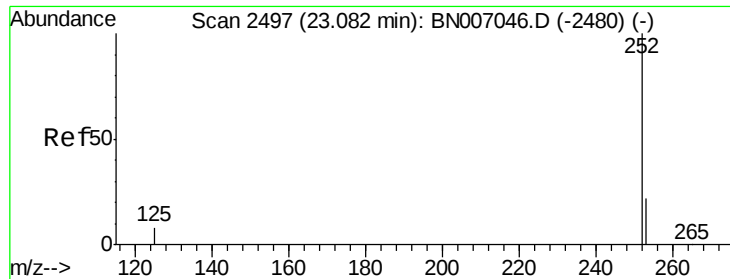
253 21.8 18.1 27.1

125 7.9 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: 3.032 ng

RT: 23.08 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BN007049.D

Acq: 10 Aug 2019 14:18

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

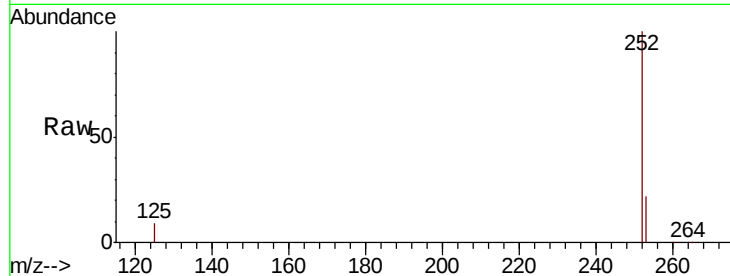
Tgt Ion: 252 Resp: 776694

Ion Ratio Lower Upper

252 100

253 21.8 18.5 27.7

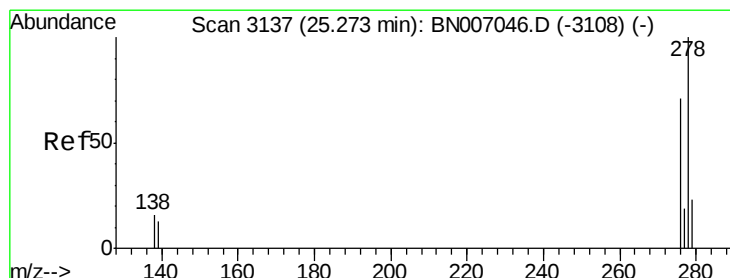
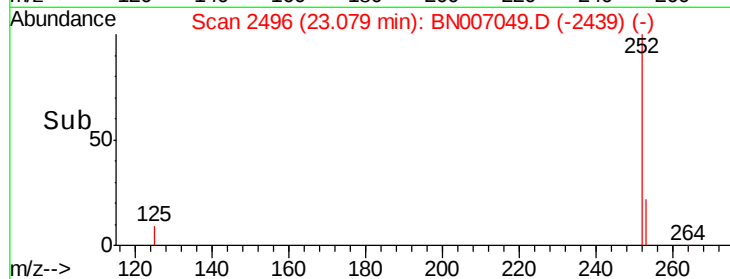
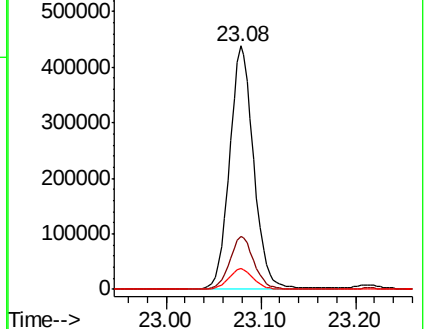
125 8.6 8.2 12.4



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: 3.019 ng

RT: 25.27 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BN007049.D

Acq: 10 Aug 2019 14:18

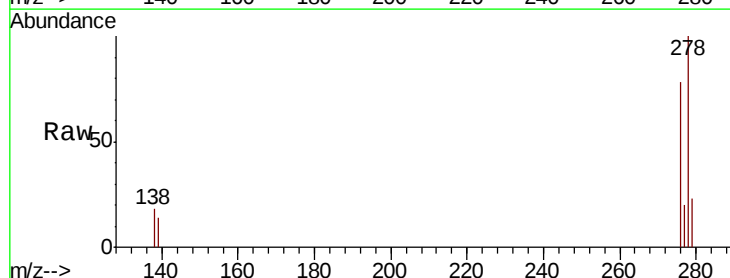
Tgt Ion: 278 Resp: 770815

Ion Ratio Lower Upper

278 100

139 13.6 11.3 16.9

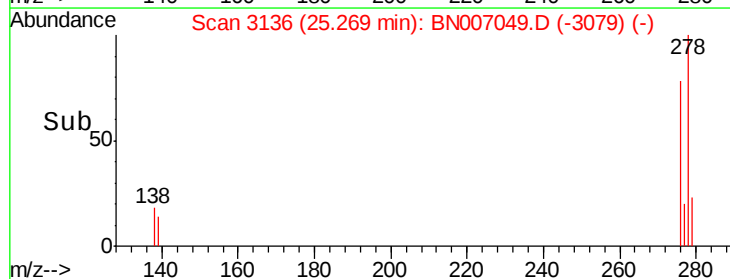
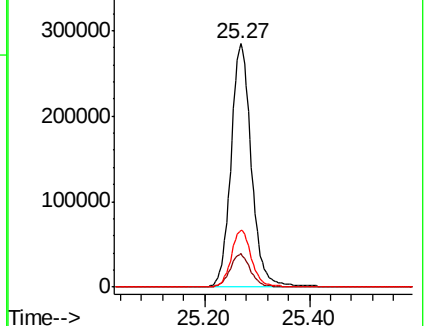
279 23.4 19.3 28.9

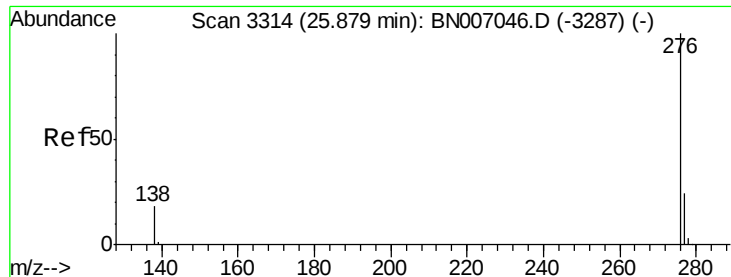


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 2.935 ng

RT: 25.88 min Scan# 3313

Delta R.T. -0.00 min

Lab File: BN007049.D

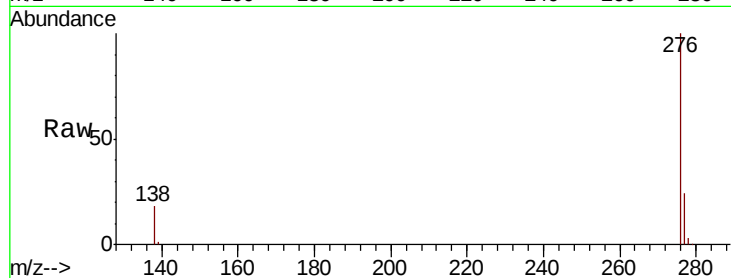
Acq: 10 Aug 2019 14:18

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2



Tgt Ion: 276 Resp: 782859

Ion Ratio Lower Upper

276 100

277 23.7 19.8 29.8

138 17.9 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

