

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082919\
 Data File : BN007494.D
 Acq On : 29 Aug 2019 09:21
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Aug 29 12:15:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 24 00:38:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4777	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	22811	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	14637	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	35396	0.40	ng	0.00
27) Chrysene-d12	21.02	240	36577	0.40	ng	0.00
34) Perylene-d12	23.12	264	32389	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.03	112	5569	0.33	ng	0.00
5) Phenol-d6	6.59	99	7410	0.35	ng	0.00
8) Nitrobenzene-d5	8.53	82	7017	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	15887	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	3093	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.65	172	21879	0.37	ng	0.00
25) Fluoranthene-d10	18.84	212	45734	0.40	ng	0.00
29) Terphenyl-d14	19.46	244	36835	0.38	ng	0.00

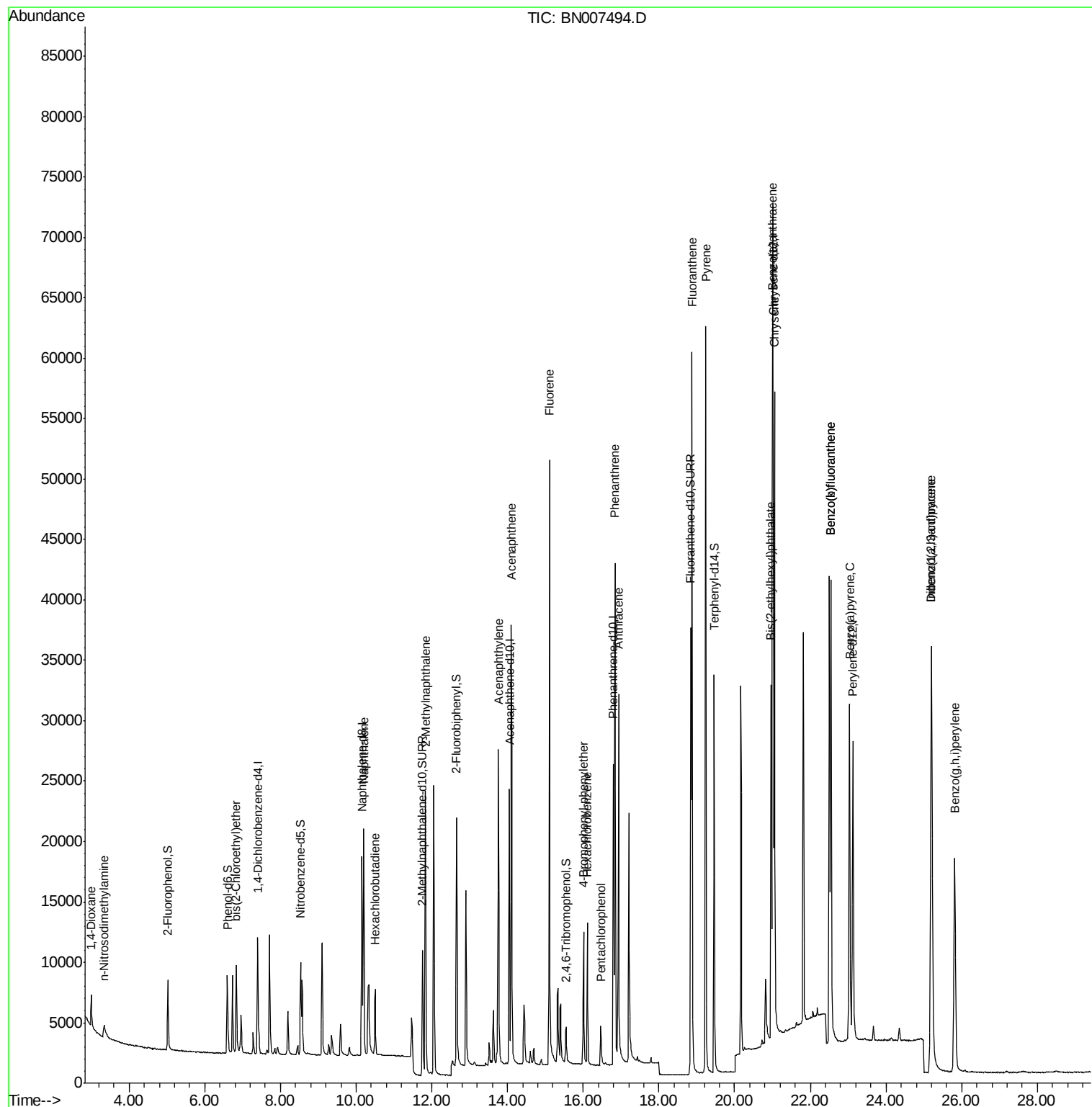
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.00	88	2803	0.353	ng	# 78
3) n-Nitrosodimethylamine	3.33	42	1006	0.273	ng	# 83
6) bis(2-Chloroethyl)ether	6.84	93	6655	0.386	ng	99
9) Naphthalene	10.20	128	25633	0.393	ng	# 90
10) Hexachlorobutadiene	10.51	225	4776	0.358	ng	# 100
12) 2-Methylnaphthalene	11.83	142	18727	0.422	ng	95
16) Acenaphthylene	13.76	152	30899	0.357	ng	99
17) Acenaphthene	14.10	154	19823	0.391	ng	98
18) Fluorene	15.10	166	25697	0.401	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	4415	0.316	ng	# 93
21) Hexachlorobenzene	16.11	284	10048	0.424	ng	95
22) Pentachlorophenol	16.46	266	2265	0.307	ng	# 64
23) Phenanthrene	16.84	178	43626	0.410	ng	99
24) Anthracene	16.93	178	40196	0.375	ng	99
26) Fluoranthene	18.87	202	56090	0.410	ng	99
28) Pyrene	19.24	202	56764	0.386	ng	99
30) Benzo(a)anthracene	21.00	228	51642	0.360	ng	99
31) Chrysene	21.06	228	54377	0.392	ng	98
32) Bis(2-ethylhexyl)phthalate	20.96	149	30112	0.305	ng	99
33) Indeno(1,2,3-cd)pyrene	25.20	276	46859	0.281	ng	98
35) Benzo(b)fluoranthene	22.54	252	48632	0.414	ng	99
36) Benzo(k)fluoranthene	22.54	252	48753	0.420	ng	# 95
37) Benzo(a)pyrene	23.04	252	42420	0.380	ng	# 96
38) Dibenzo(a,h)anthracene	25.21	278	37154	0.333	ng	98
39) Benzo(g,h,i)perylene	25.81	276	38330	0.345	ng	99

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

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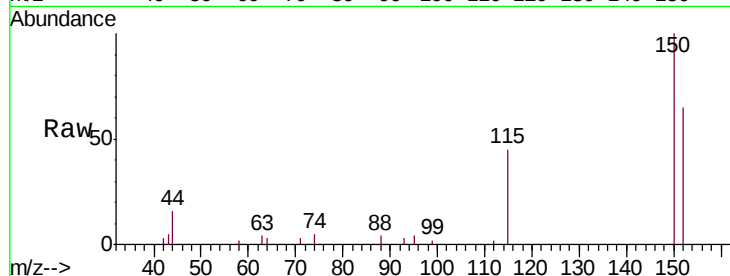


#1

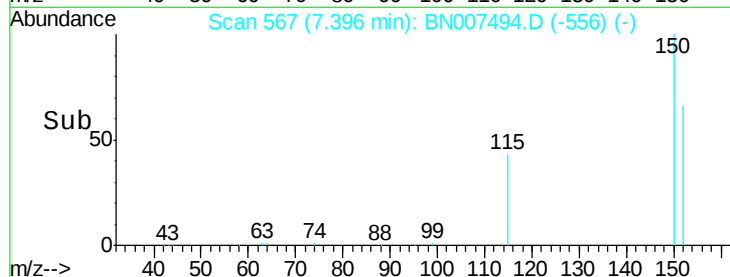
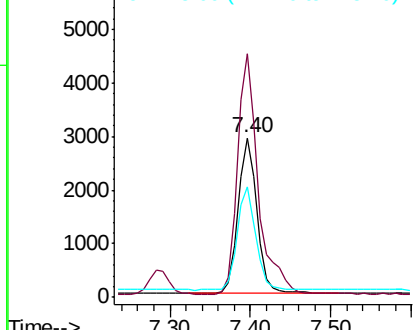
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007494.D
Acq: 29 Aug 2019 09:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4777
Ion Ratio Lower Upper
152 100
150 152.7 109.1 163.7
115 69.1 59.6 89.4



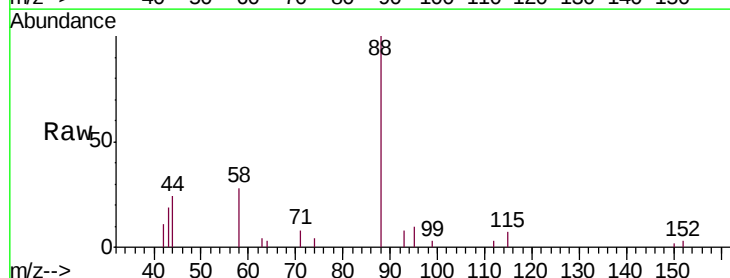
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



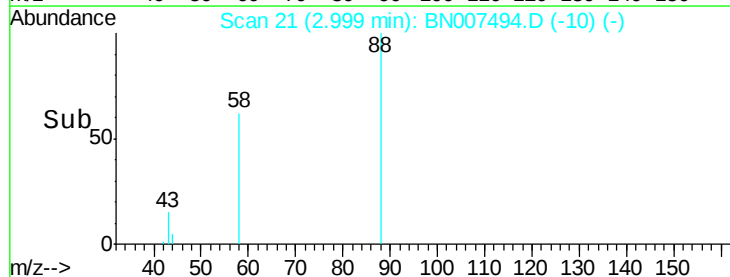
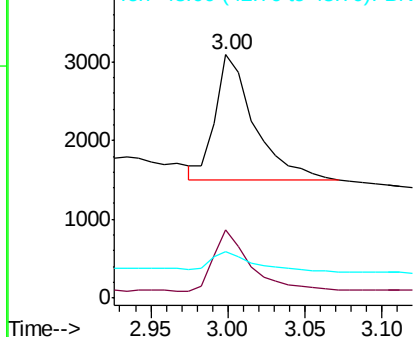
#2

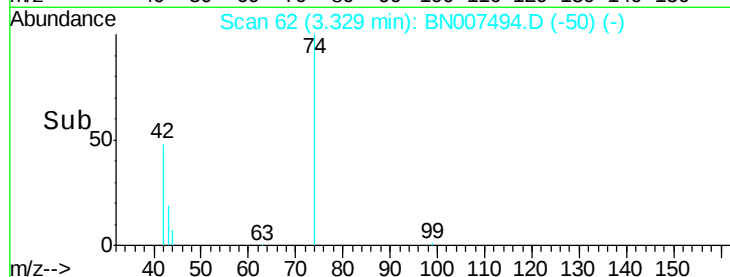
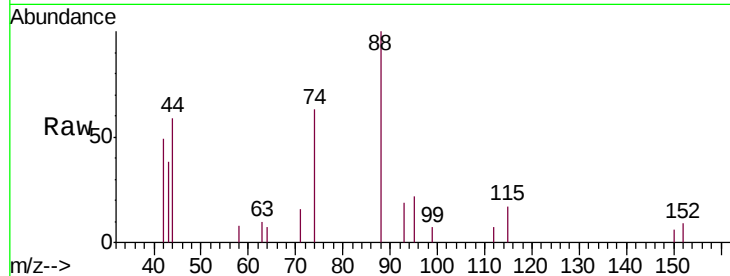
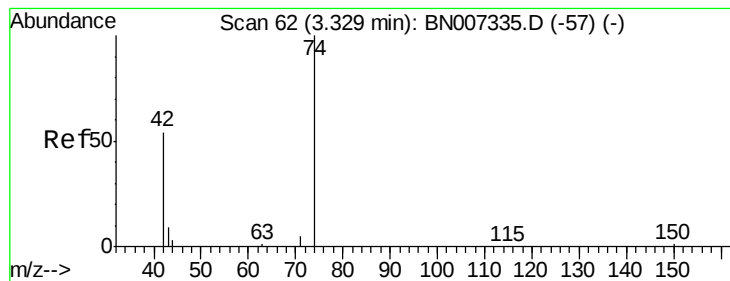
1,4-Dioxane
Concen: 0.353 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007494.D
Acq: 29 Aug 2019 09:21

Tgt Ion: 88 Resp: 2803
Ion Ratio Lower Upper
88 100
58 46.2 50.5 75.7#
43 17.0 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.273 ng

RT: 3.33 min Scan# 62

Delta R.T. -0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

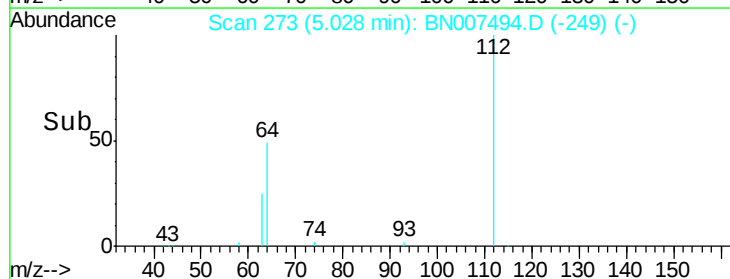
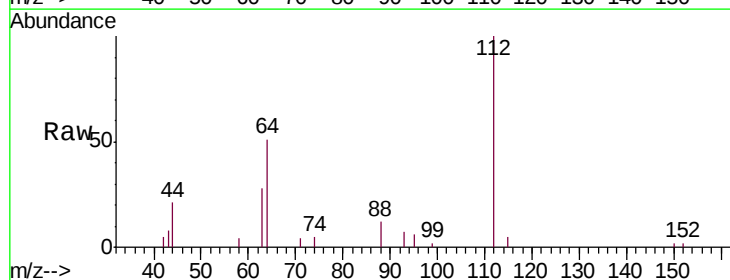
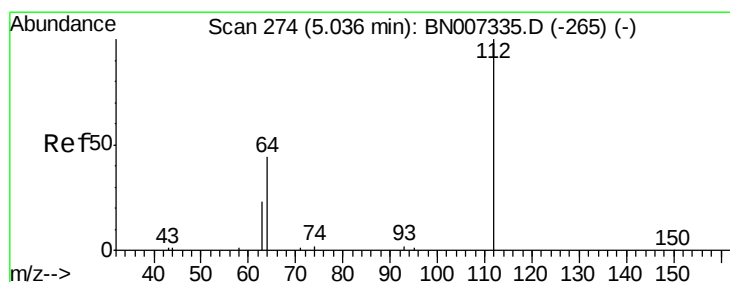
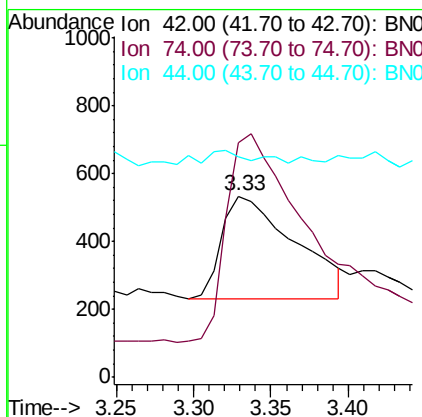
Tgt Ion: 42 Resp: 1006

Ion Ratio Lower Upper

42 100

74 205.1 144.7 217.1

44 5.1 3.2 4.8#



#4

2-Fluorophenol

Concen: 0.331 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

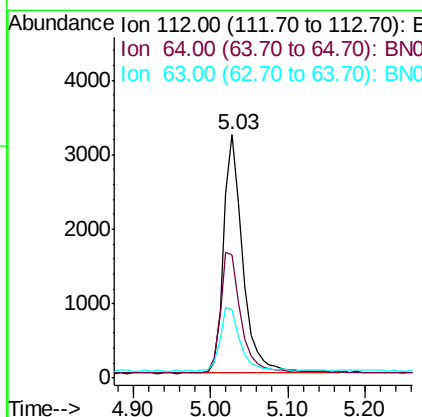
Tgt Ion: 112 Resp: 5569

Ion Ratio Lower Upper

112 100

64 54.9 42.3 63.5

63 28.0 23.6 35.4





#5

Phenol-d6

Concen: 0.347 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

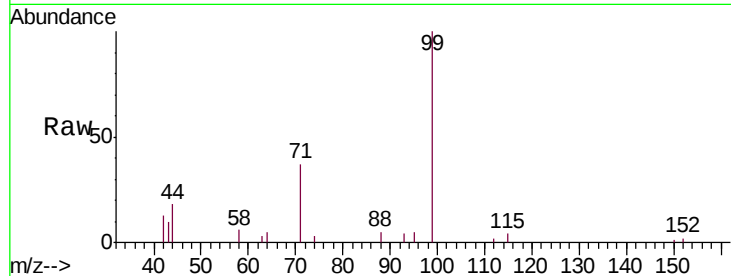
Tgt Ion: 99 Resp: 7410

Ion Ratio Lower Upper

99 100

42 11.5 11.2 16.8

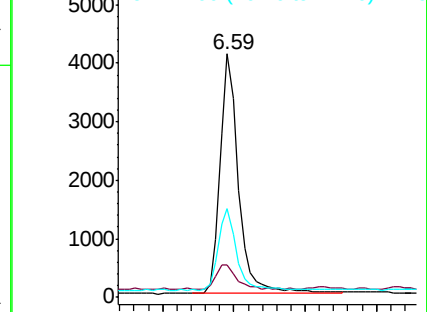
71 33.9 31.8 47.8



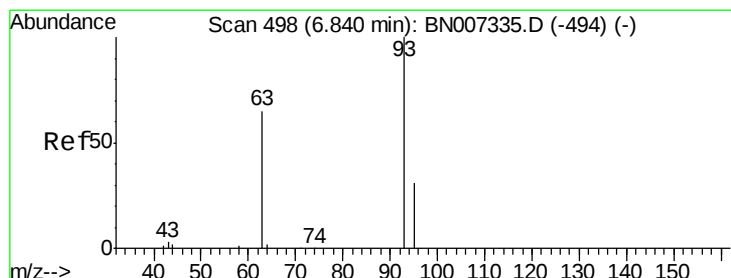
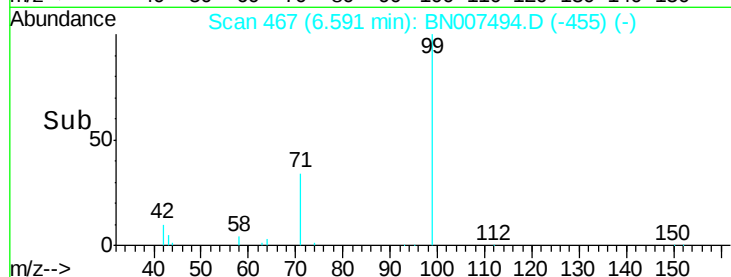
Abundance Ion 99.00 (98.70 to 99.70): BN007494.D (-455) (-)

Ion 42.00 (41.70 to 42.70): BN007494.D (-455) (-)

Ion 71.00 (70.70 to 71.70): BN007494.D (-455) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.386 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

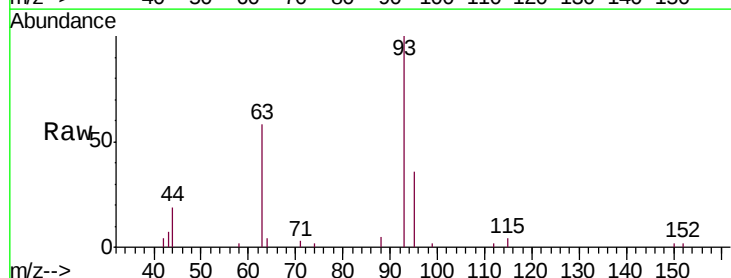
Tgt Ion: 93 Resp: 6655

Ion Ratio Lower Upper

93 100

63 64.7 51.9 77.9

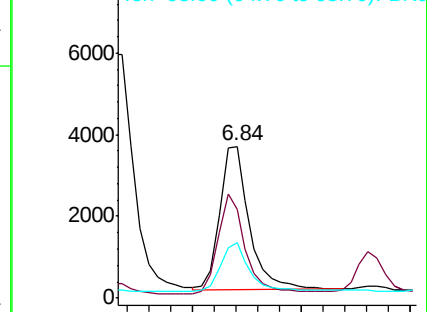
95 32.8 27.7 41.5



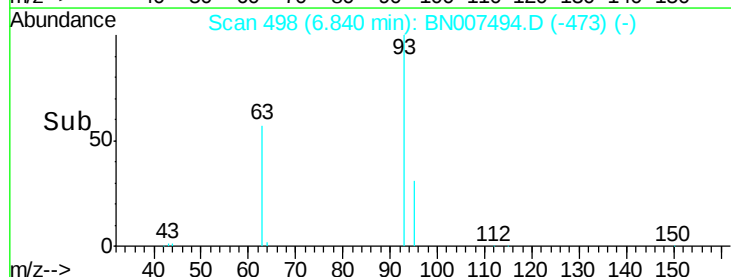
Abundance Ion 93.00 (92.70 to 93.70): BN007494.D (-473) (-)

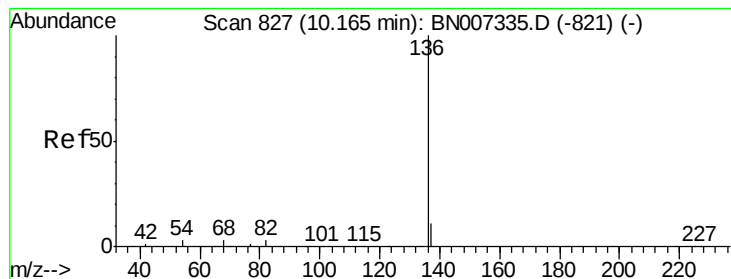
Ion 63.00 (62.70 to 63.70): BN007494.D (-473) (-)

Ion 95.00 (94.70 to 95.70): BN007494.D (-473) (-)



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 22811

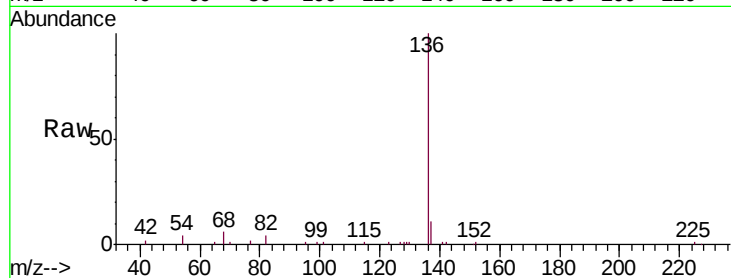
Ion Ratio Lower Upper

136 100

137 11.4 12.9 19.3#

54 4.5 8.6 12.8#

68 5.8 17.0 25.4#

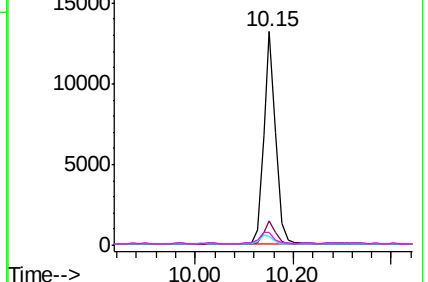
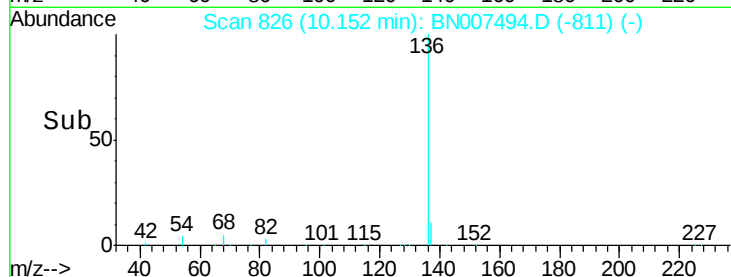


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.353 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

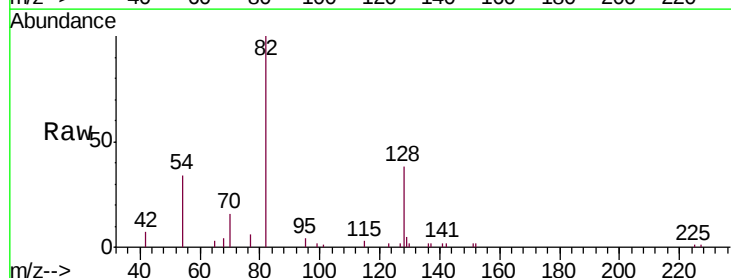
Tgt Ion: 82 Resp: 7017

Ion Ratio Lower Upper

82 100

128 38.0 19.7 29.5#

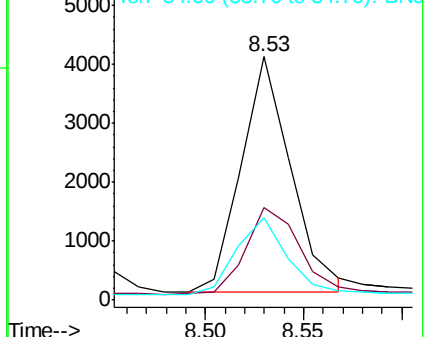
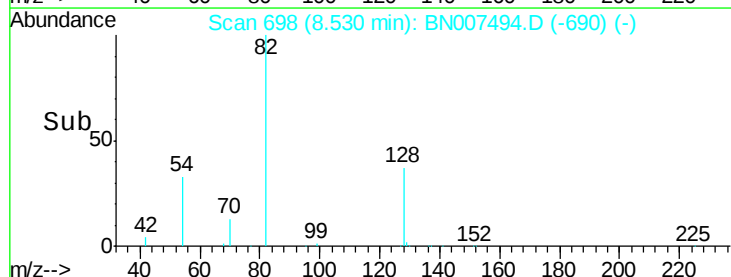
54 34.0 25.8 38.6



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.393 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

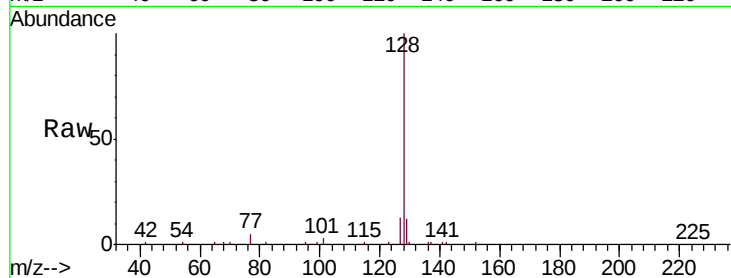
Tgt Ion:128 Resp: 25633

Ion Ratio Lower Upper

128 100

129 11.5 11.1 16.7

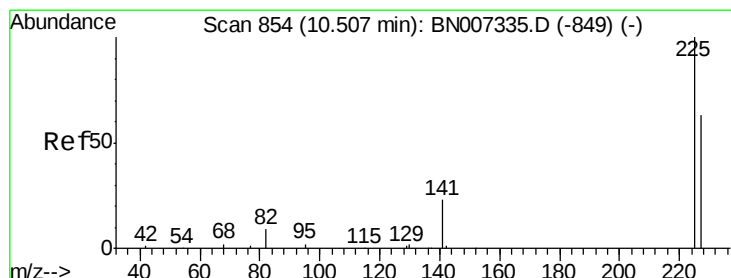
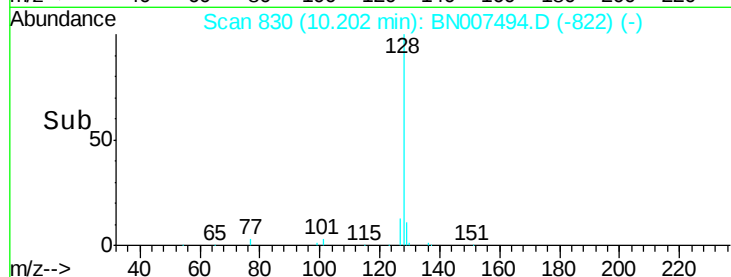
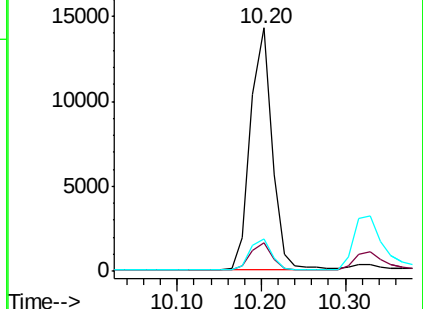
127 13.3 15.5 23.3#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.358 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

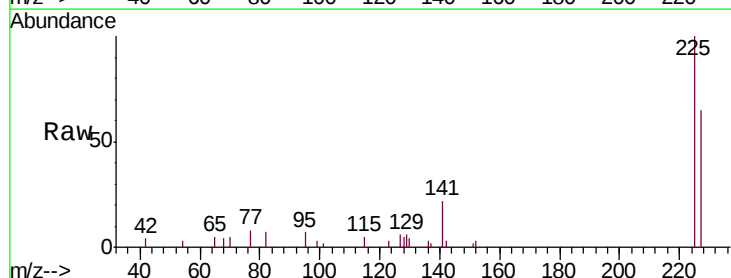
Tgt Ion:225 Resp: 4776

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

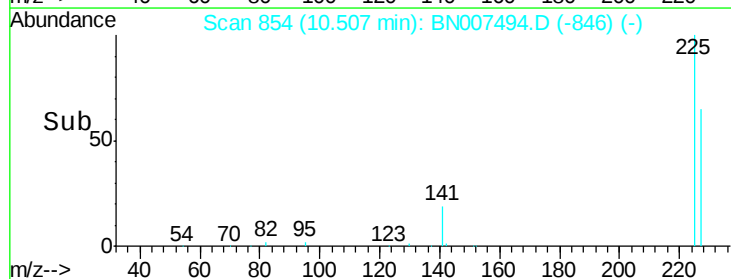
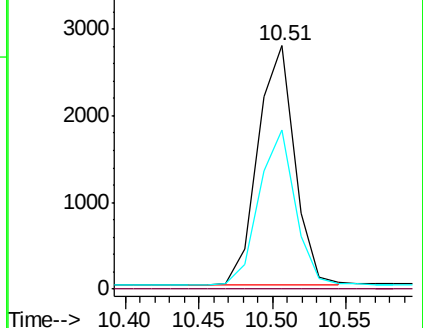
227 63.5 50.7 76.1



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.419 ng

RT: 11.75 min Scan# 988

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

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ClientSampleId :

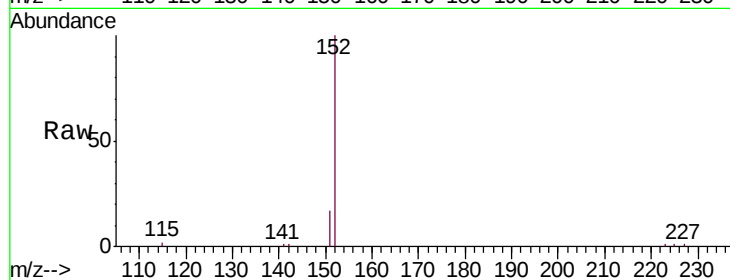
SSTDCCC0.4

Tgt Ion:152 Resp: 15887

Ion Ratio Lower Upper

152 100

151 18.9 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.75

10000

8000

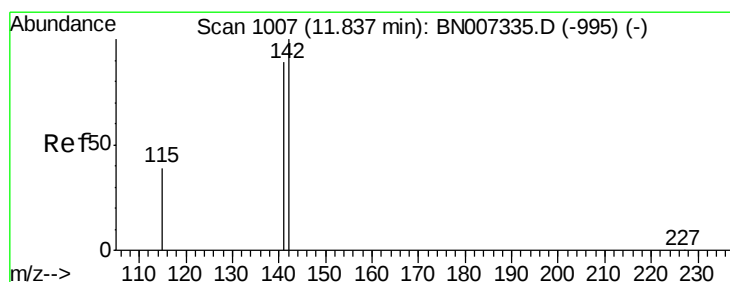
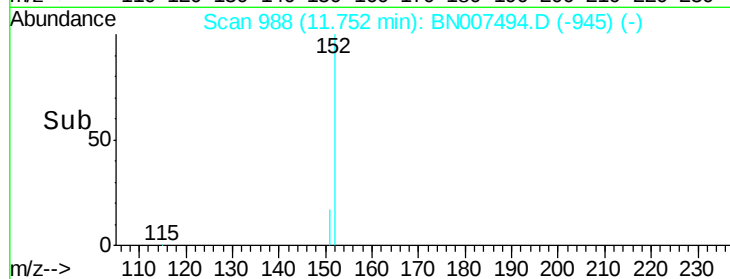
6000

4000

2000

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.422 ng

RT: 11.83 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

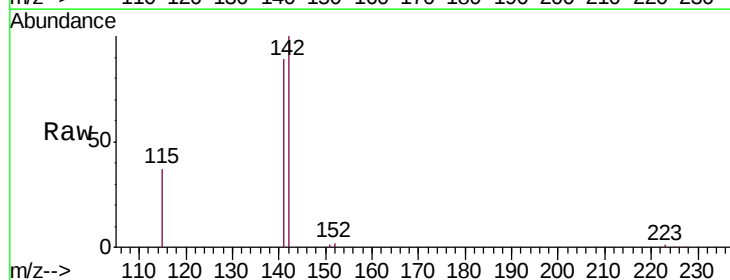
Tgt Ion:142 Resp: 18727

Ion Ratio Lower Upper

142 100

141 88.8 72.8 109.2

115 37.4 35.2 52.8



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

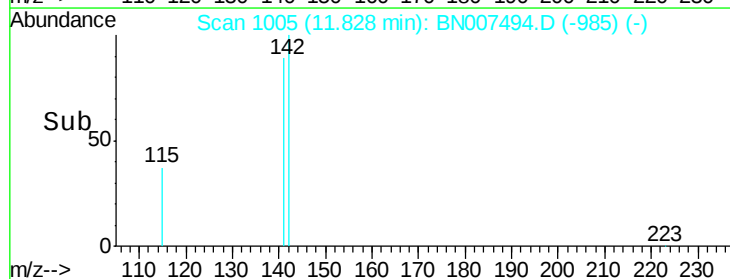
11.83

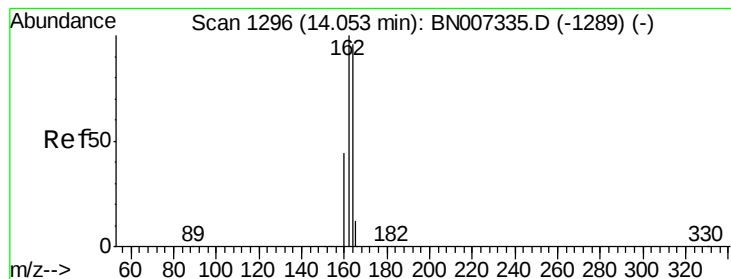
10000

5000

0

Time--> 11.70 11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

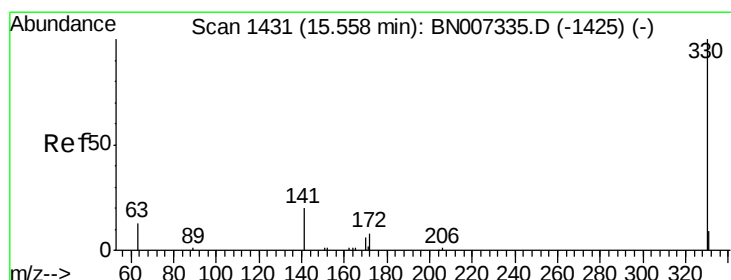
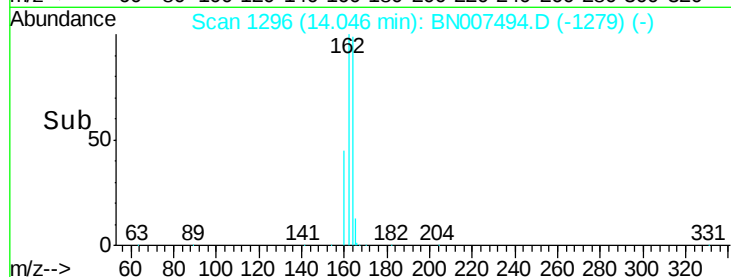
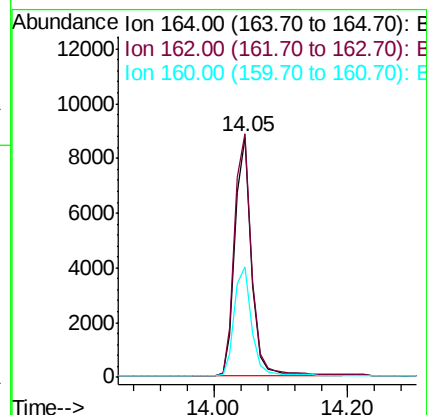
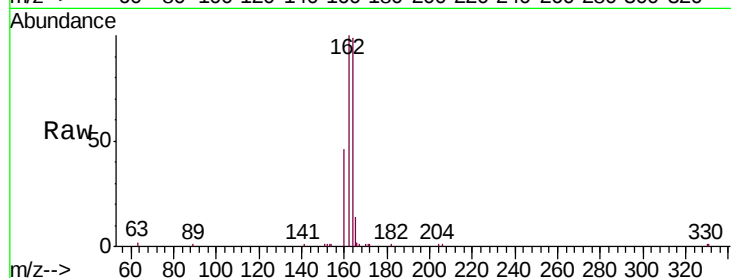
Tgt Ion:164 Resp: 14637

Ion Ratio Lower Upper

164 100

162 101.4 83.5 125.3

160 46.2 38.2 57.4



#14

2,4,6-Tribromophenol

Concen: 0.404 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

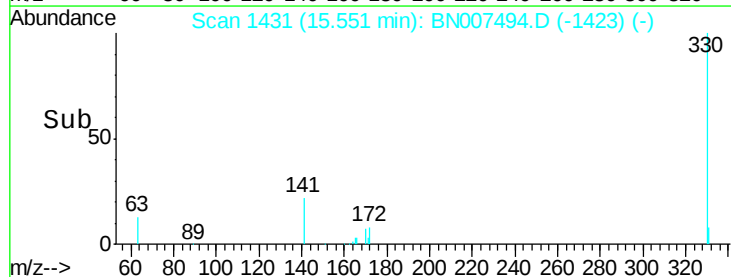
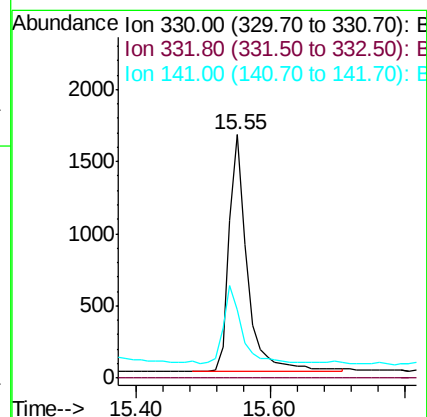
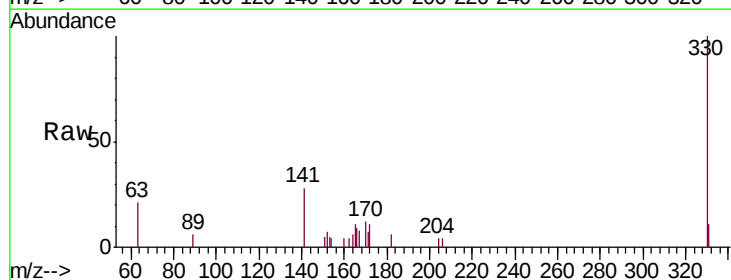
Tgt Ion:330 Resp: 3093

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 34.0 26.9 40.3

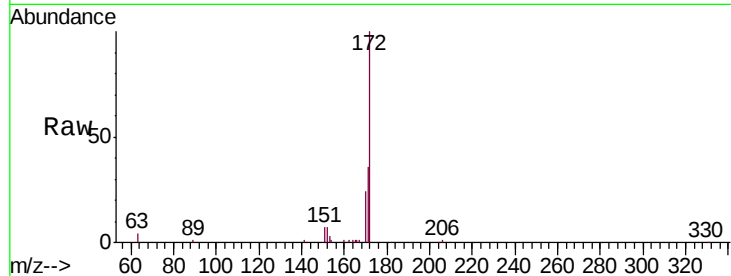




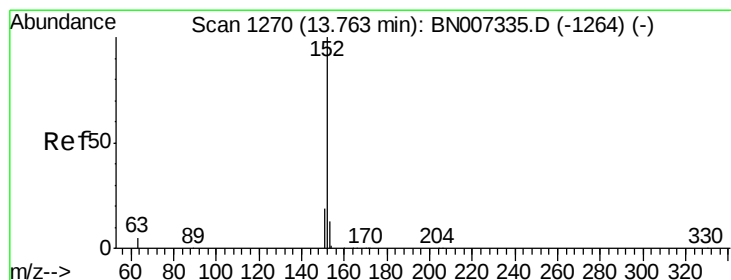
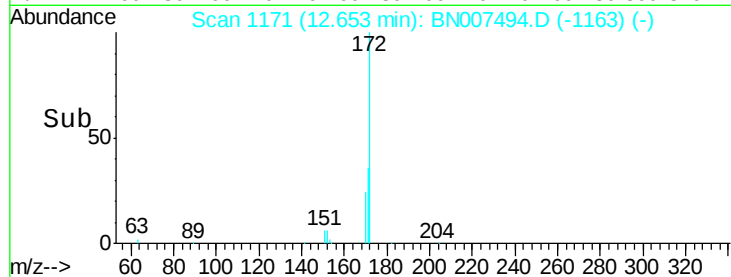
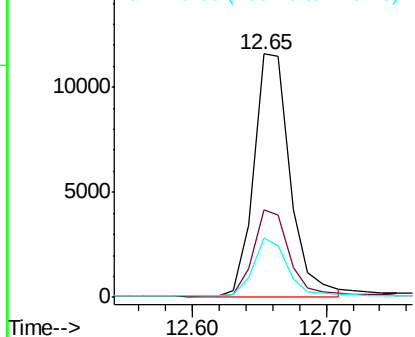
#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007494.D
Acq: 29 Aug 2019 09:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 21879
Ion Ratio Lower Upper
172 100
171 36.0 30.3 45.5
170 24.5 20.7 31.1

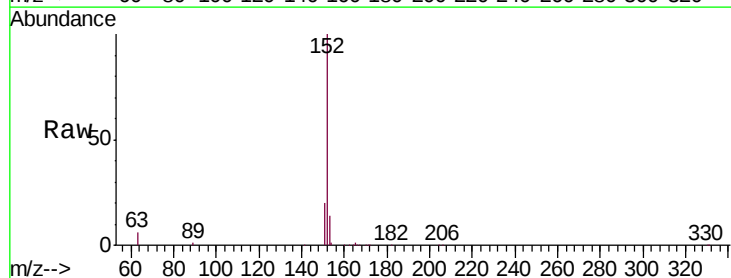


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

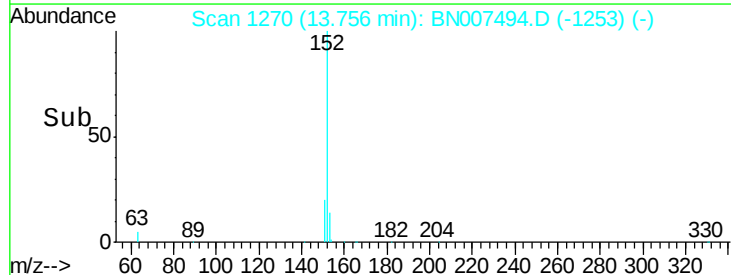
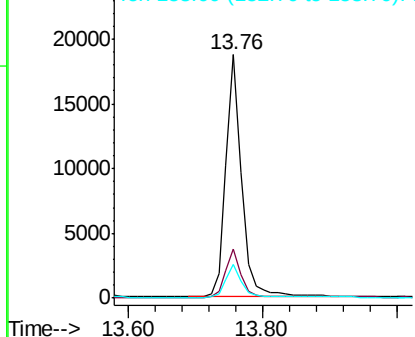


#16
Acenaphthylene
Concen: 0.357 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007494.D
Acq: 29 Aug 2019 09:21

Tgt Ion:152 Resp: 30899
Ion Ratio Lower Upper
152 100
151 19.4 16.1 24.1
153 13.3 10.6 15.8



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





#17

Acenaphthene

Concen: 0.391 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

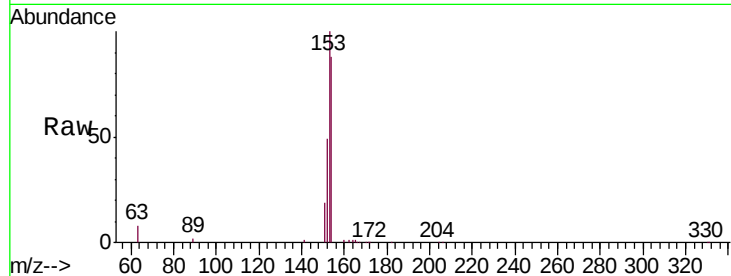
Tgt Ion:154 Resp: 19823

Ion Ratio Lower Upper

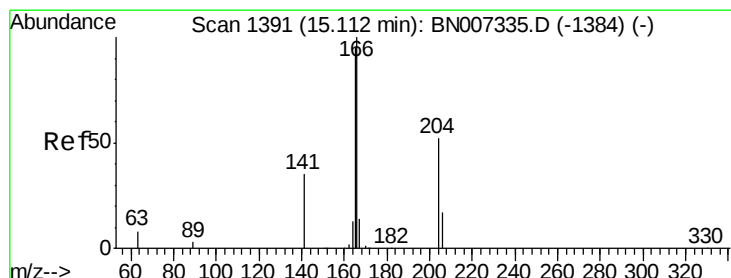
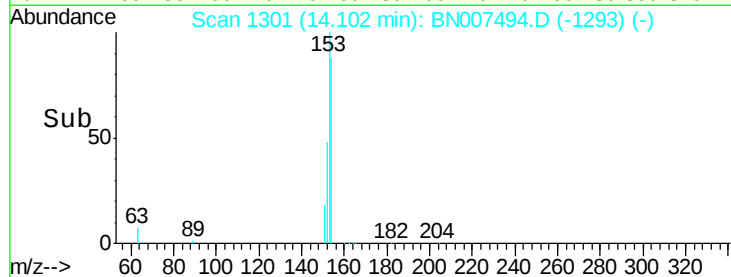
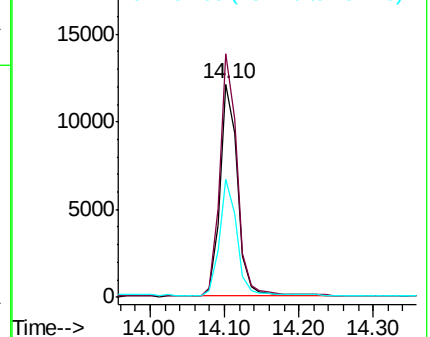
154 100

153 113.5 92.8 139.2

152 53.5 43.8 65.8



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



#18

Fluorene

Concen: 0.401 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

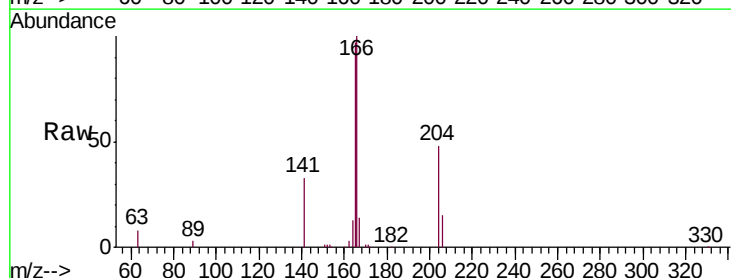
Tgt Ion:166 Resp: 25697

Ion Ratio Lower Upper

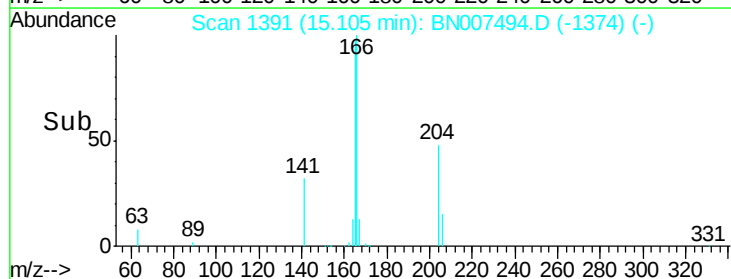
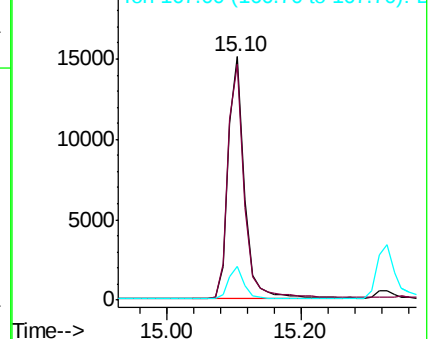
166 100

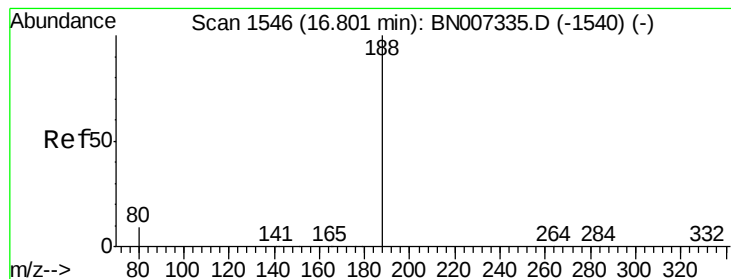
165 97.8 79.0 118.4

167 13.3 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

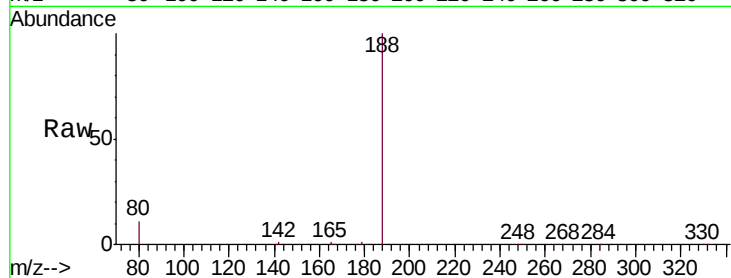
Tgt Ion:188 Resp: 35396

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

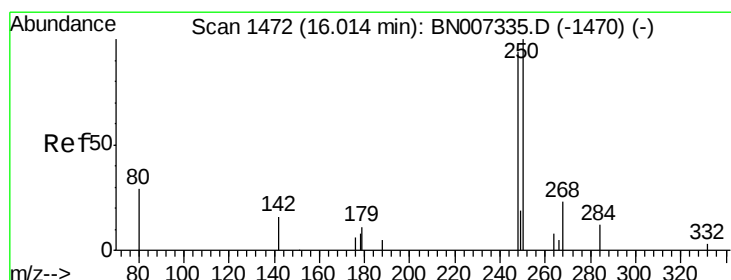
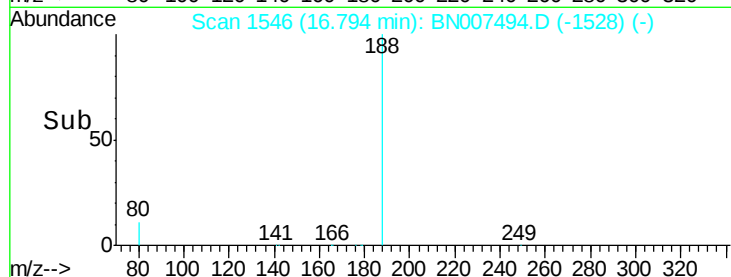
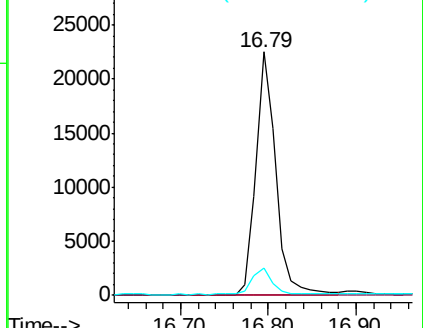
80 11.0 11.8 17.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.316 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

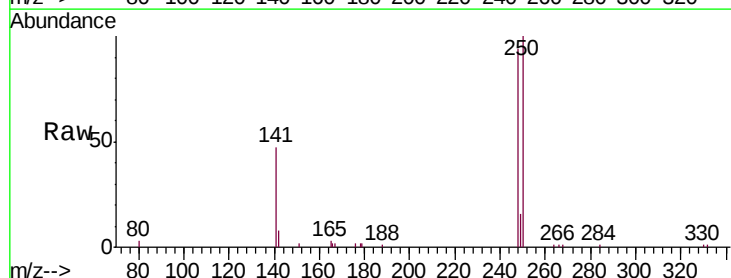
Tgt Ion:248 Resp: 4415

Ion Ratio Lower Upper

248 100

250 106.1 85.0 127.6

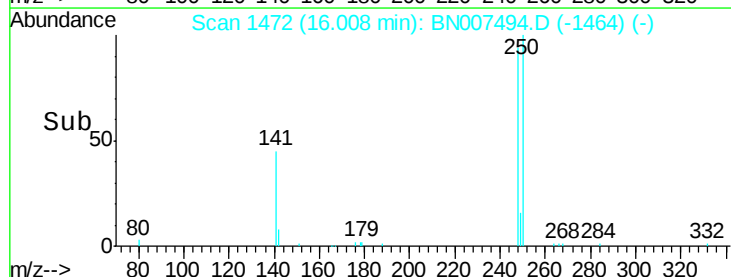
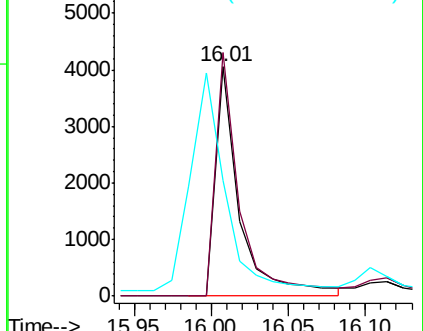
141 50.1 51.7 77.5#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.424 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

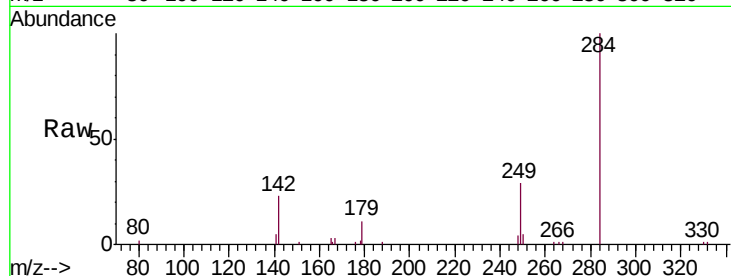
Tgt Ion:284 Resp: 10048

Ion Ratio Lower Upper

284 100

142 31.2 29.0 43.6

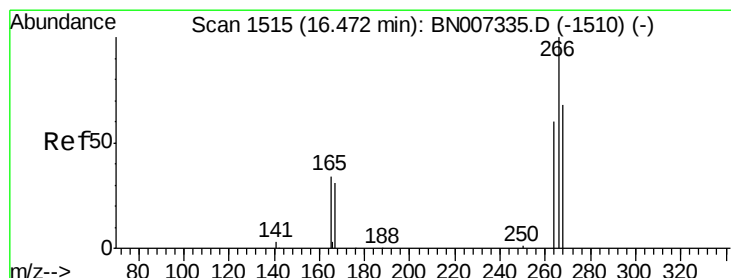
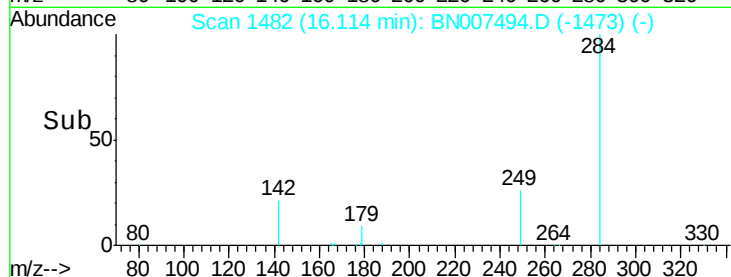
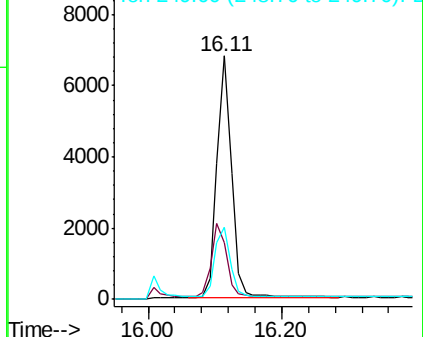
249 30.5 24.9 37.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.307 ng

RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

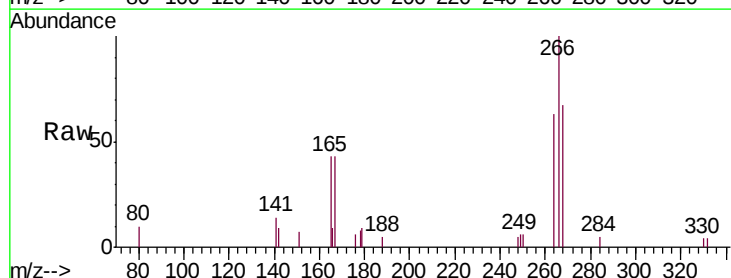
Tgt Ion:266 Resp: 2265

Ion Ratio Lower Upper

266 100

264 62.5 57.8 86.8

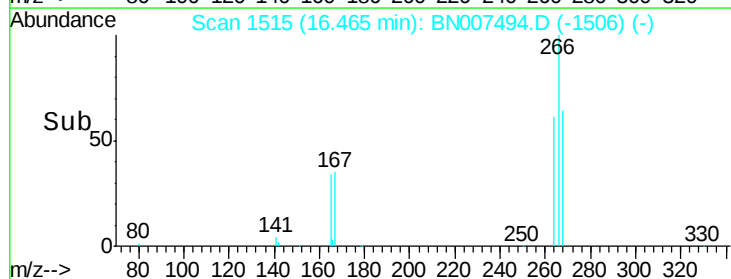
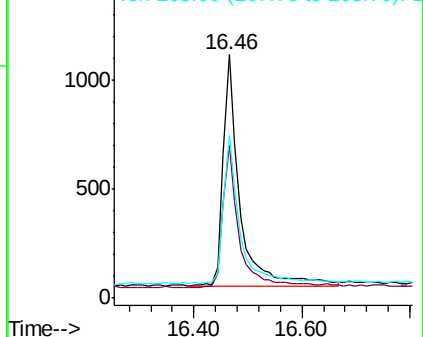
268 66.8 99.7 149.5#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.410 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

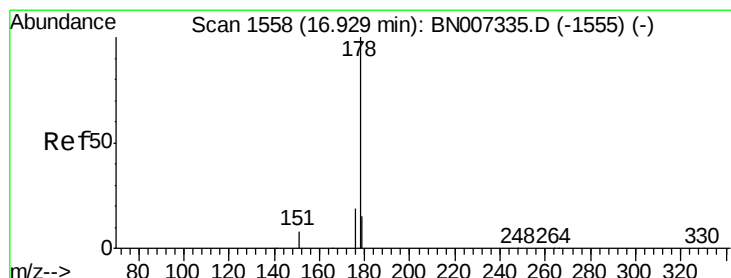
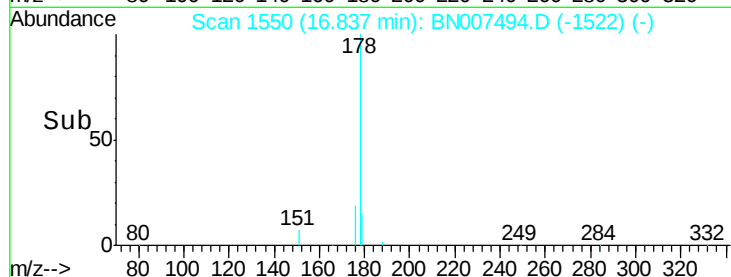
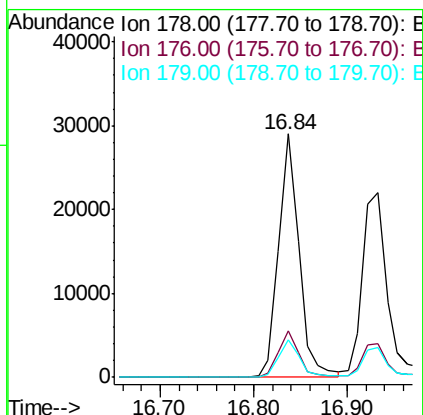
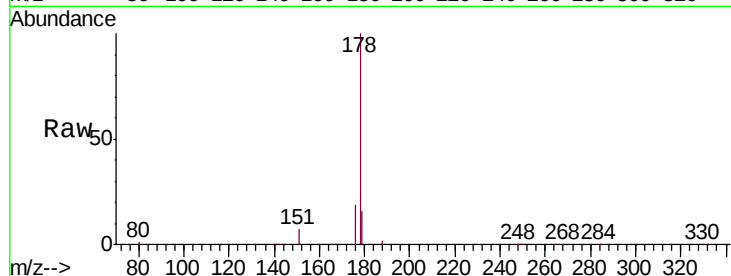
Tgt Ion:178 Resp: 43626

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.3 12.6 19.0



#24

Anthracene

Concen: 0.375 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

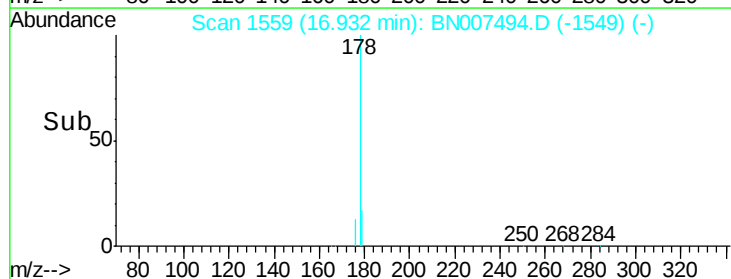
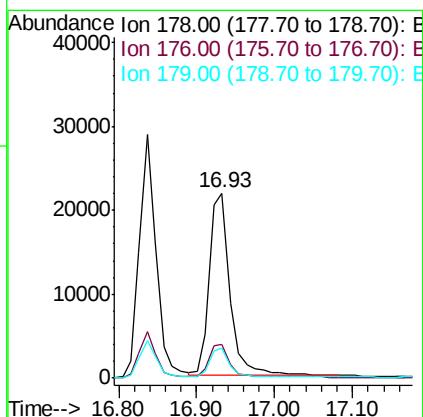
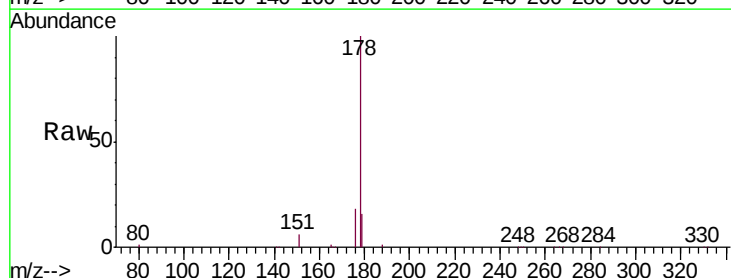
Tgt Ion:178 Resp: 40196

Ion Ratio Lower Upper

178 100

176 18.1 14.9 22.3

179 15.4 12.4 18.6





#25

Fluoranthene-d10

Concen: 0.401 ng

RT: 18.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

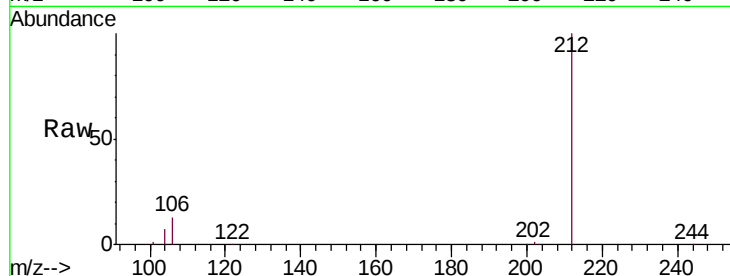
Tgt Ion:212 Resp: 45734

Ion Ratio Lower Upper

212 100

106 12.4 9.0 13.4

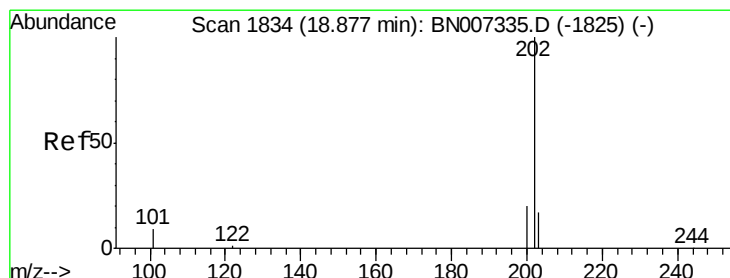
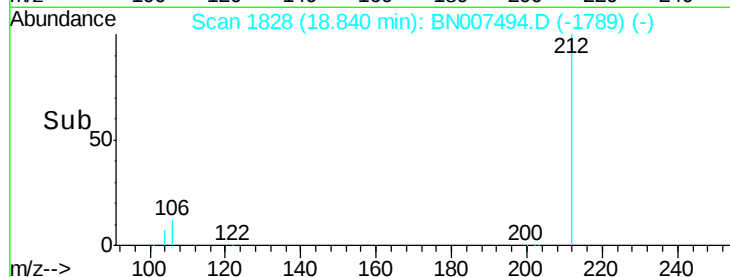
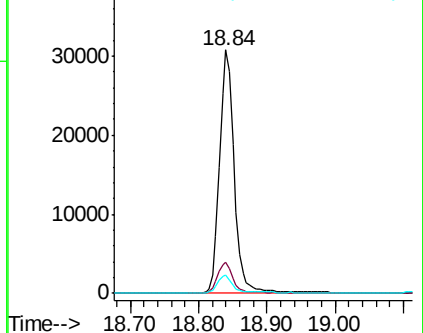
104 7.3 5.4 8.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.410 ng

RT: 18.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

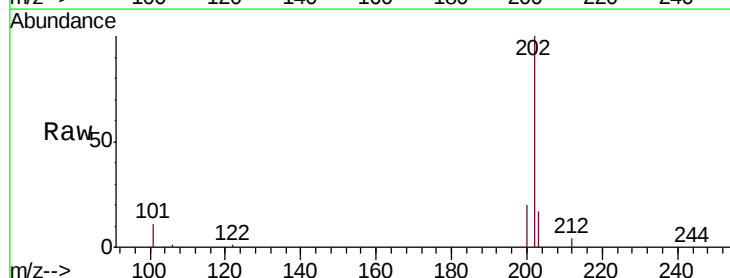
Tgt Ion:202 Resp: 56090

Ion Ratio Lower Upper

202 100

101 10.8 7.7 11.5

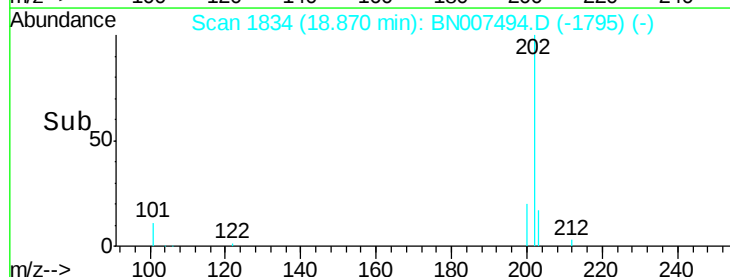
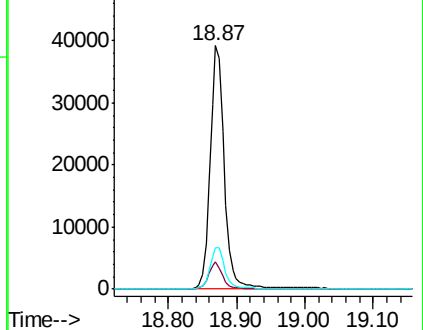
203 16.9 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

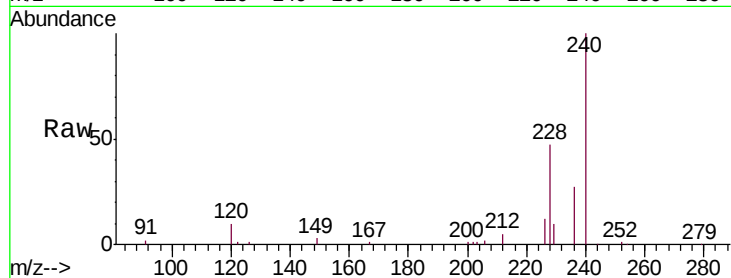
Tgt Ion:240 Resp: 36577

Ion Ratio Lower Upper

240 100

120 9.7 9.6 14.4

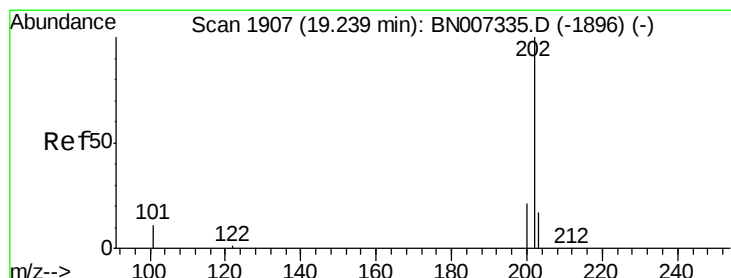
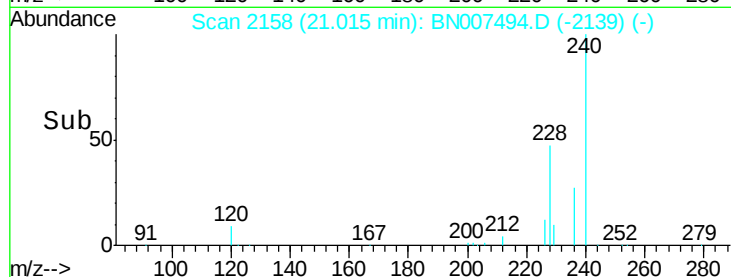
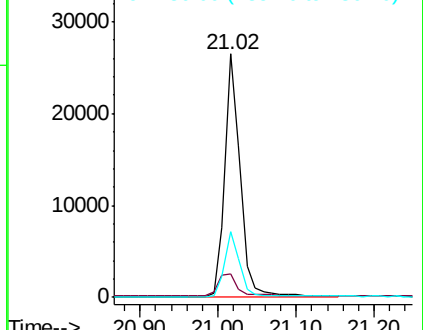
236 26.8 22.2 33.2



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



#28

Pyrene

Concen: 0.386 ng

RT: 19.24 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

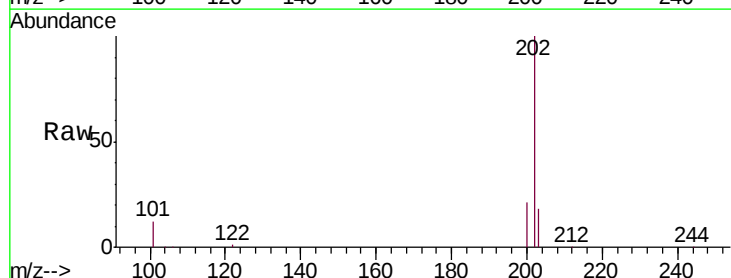
Tgt Ion:202 Resp: 56764

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

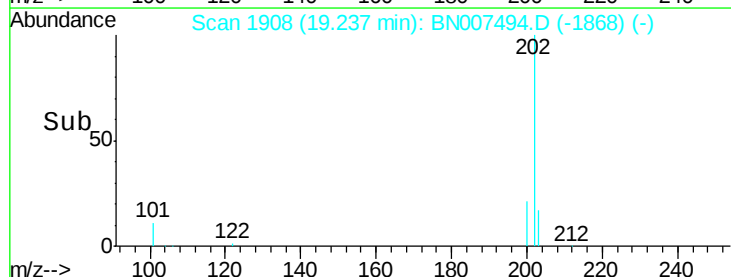
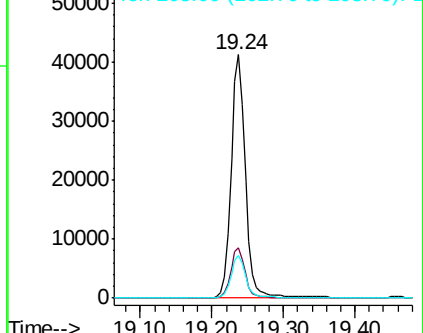
203 17.5 14.2 21.4

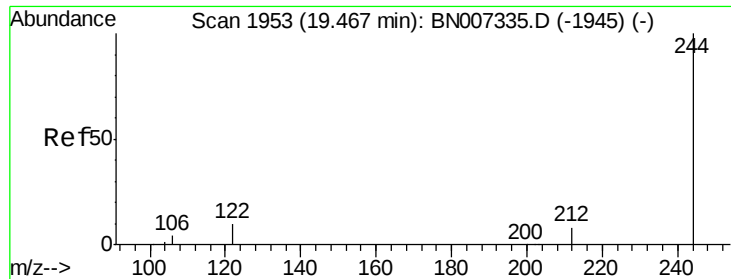


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.385 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

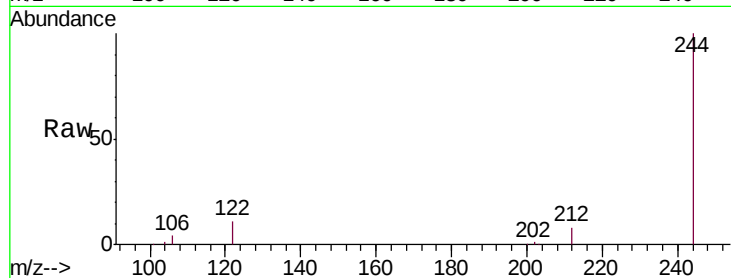
Tgt Ion:244 Resp: 36835

Ion Ratio Lower Upper

244 100

212 7.6 7.0 10.6

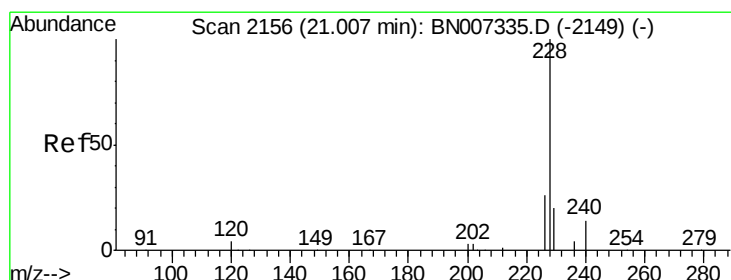
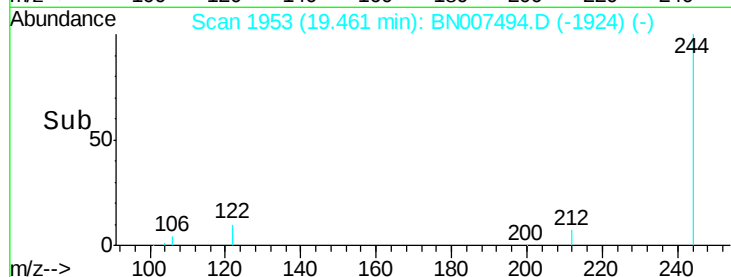
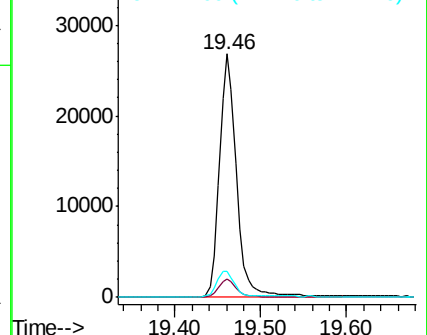
122 10.7 9.6 14.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.360 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

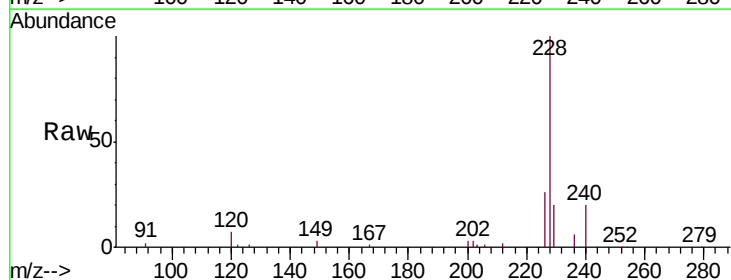
Tgt Ion:228 Resp: 51642

Ion Ratio Lower Upper

228 100

226 25.7 21.3 31.9

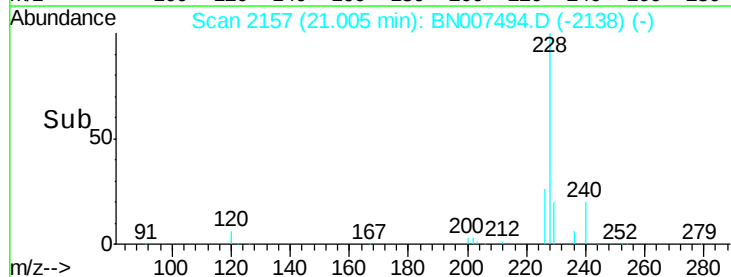
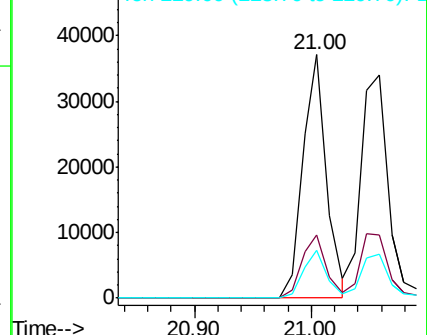
229 19.8 16.1 24.1

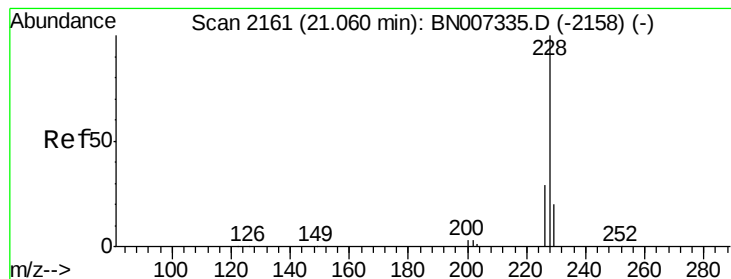


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.392 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

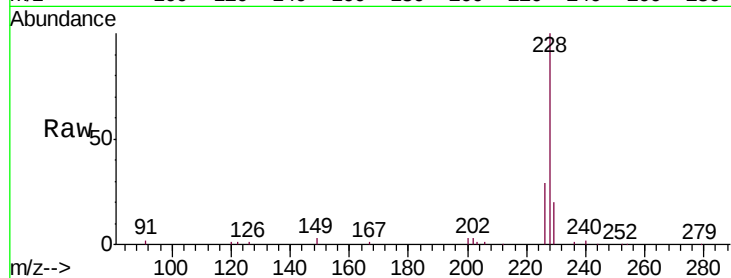
Tgt Ion:228 Resp: 54377

Ion Ratio Lower Upper

228 100

226 28.5 23.5 35.3

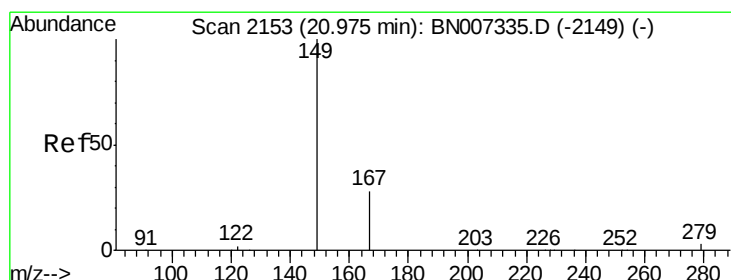
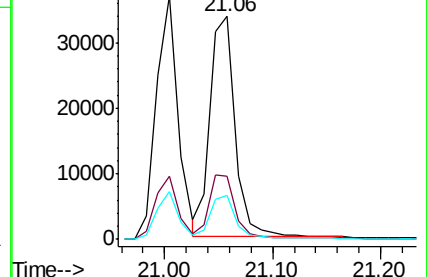
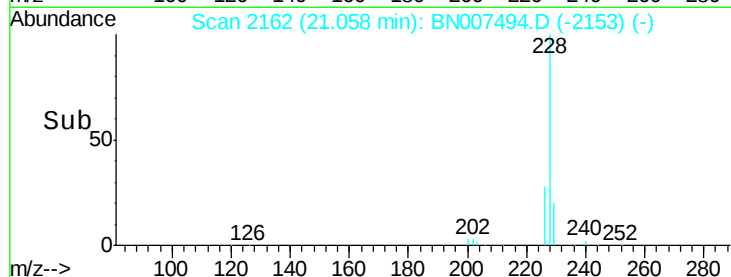
229 20.0 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.305 ng

RT: 20.96 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

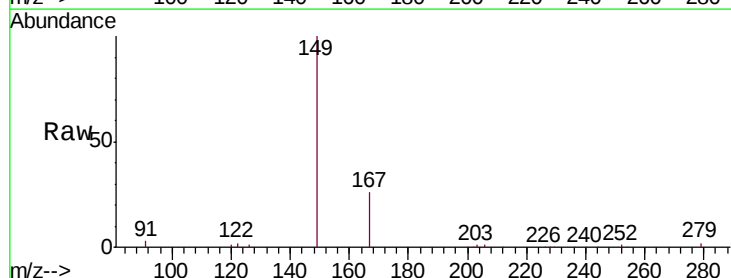
Tgt Ion:149 Resp: 30112

Ion Ratio Lower Upper

149 100

167 28.1 22.8 34.2

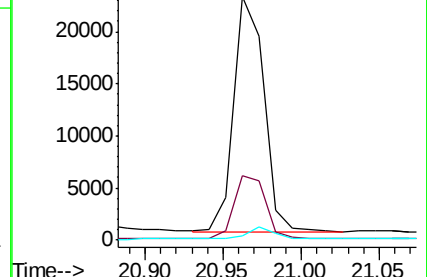
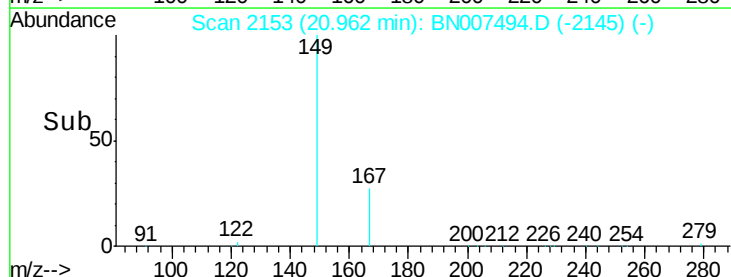
279 4.4 3.5 5.3

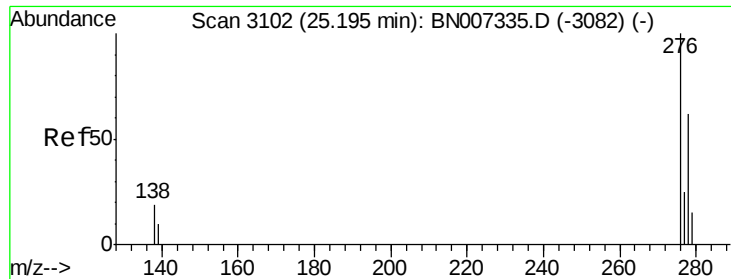


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.281 ng

RT: 25.20 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

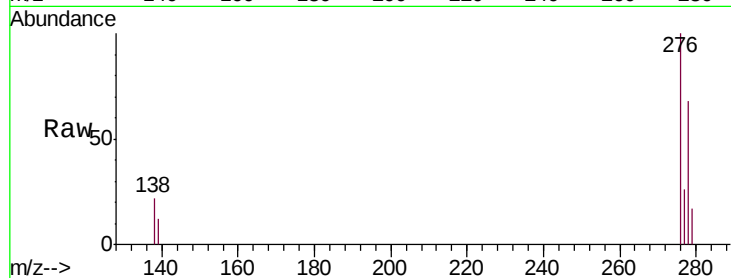
Tgt Ion:276 Resp: 46859

Ion Ratio Lower Upper

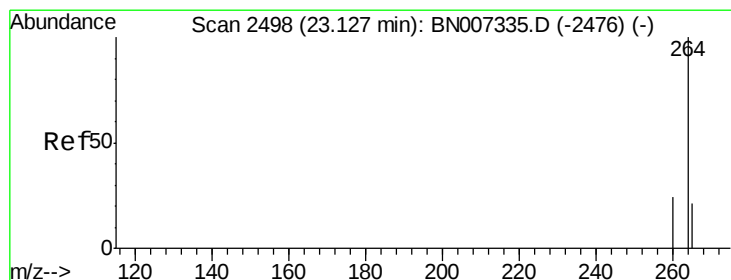
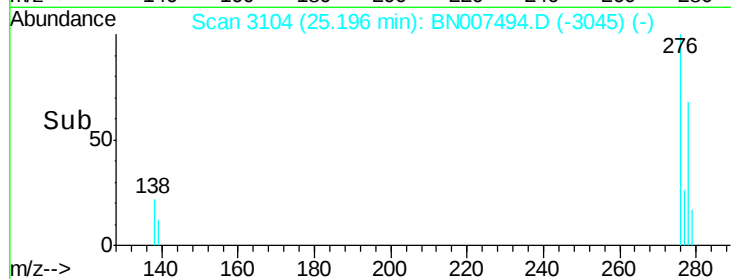
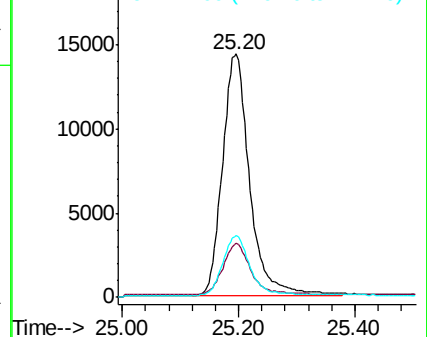
276 100

138 20.4 15.1 22.7

277 24.2 19.7 29.5



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.12 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

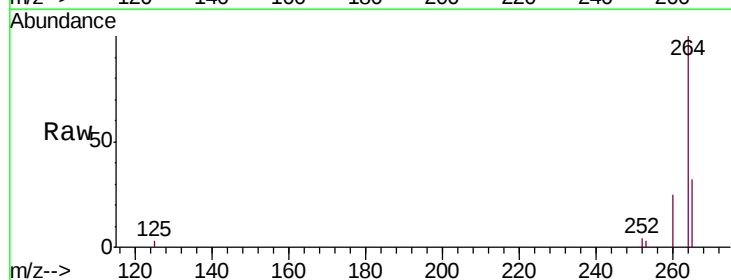
Tgt Ion:264 Resp: 32389

Ion Ratio Lower Upper

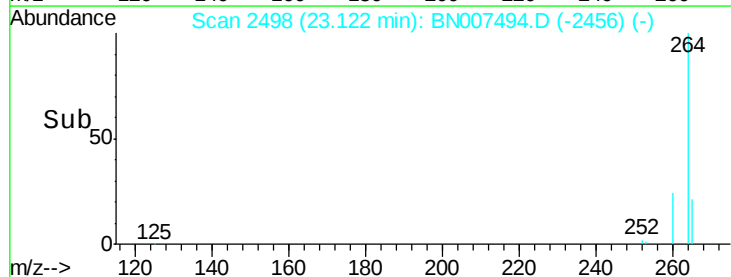
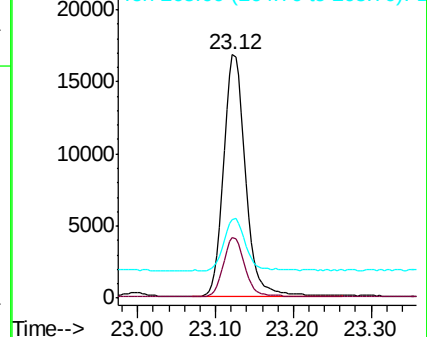
264 100

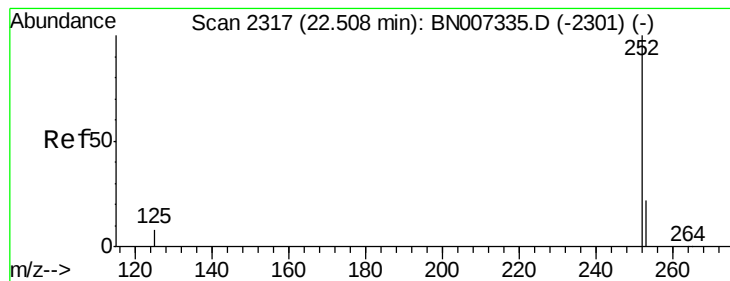
260 24.8 19.7 29.5

265 32.1 29.9 44.9



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





#35

Benzo(b)fluoranthene

Concen: 0.414 ng

RT: 22.54 min Scan# 2329

Delta R.T. 0.04 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

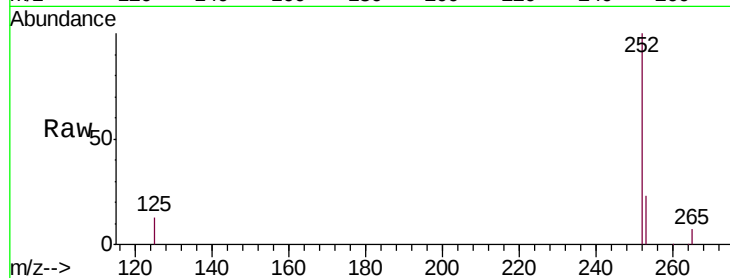
Tgt Ion:252 Resp: 48632

Ion Ratio Lower Upper

252 100

253 23.4 19.2 28.8

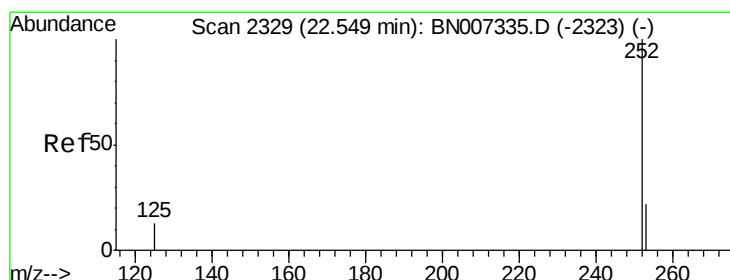
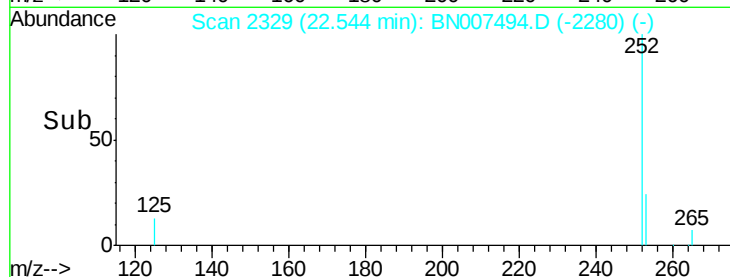
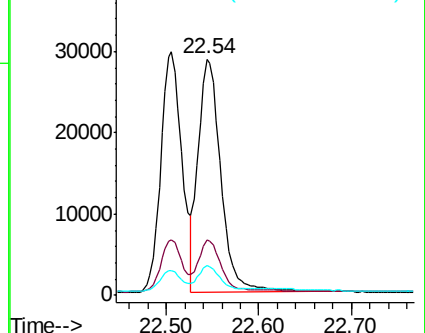
125 12.6 10.6 16.0



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



#36

Benzo(k)fluoranthene

Concen: 0.420 ng

RT: 22.54 min Scan# 2329

Delta R.T. -0.01 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

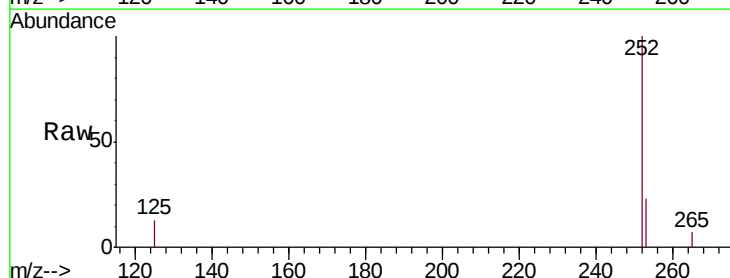
Tgt Ion:252 Resp: 48753

Ion Ratio Lower Upper

252 100

253 23.4 19.4 29.2

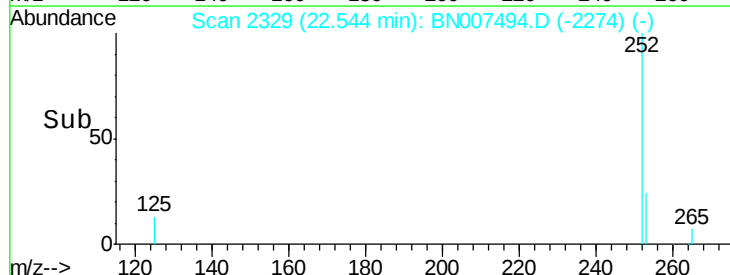
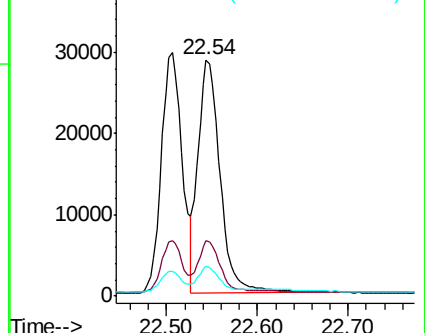
125 12.6 13.1 19.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.380 ng

RT: 23.04 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

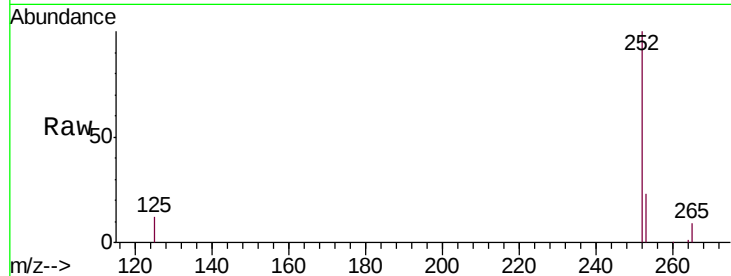
Tgt Ion:252 Resp: 42420

Ion Ratio Lower Upper

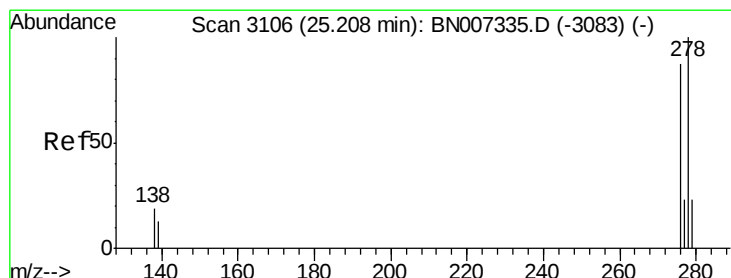
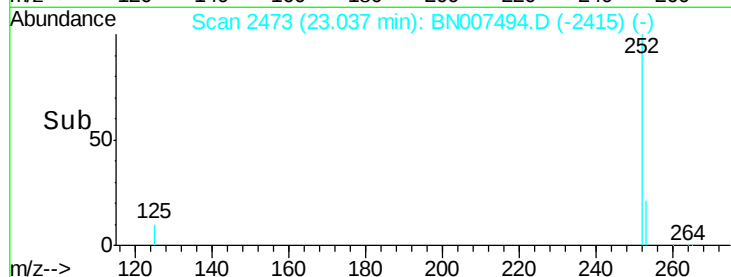
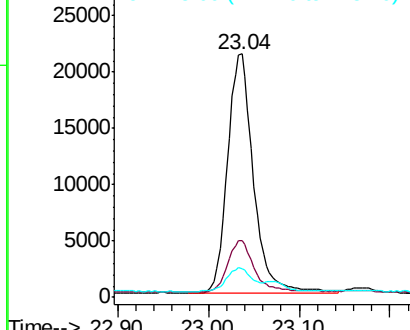
252 100

253 23.2 19.5 29.3

125 11.9 12.1 18.1#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.333 ng

RT: 25.21 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BN007494.D

Acq: 29 Aug 2019 09:21

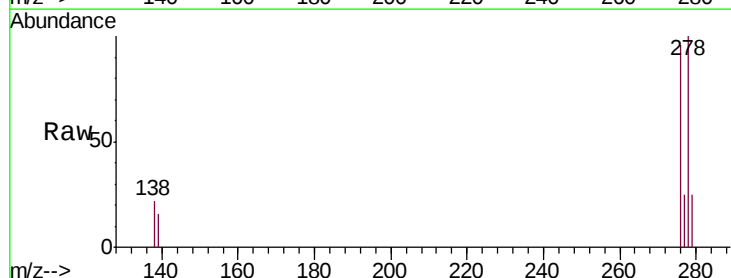
Tgt Ion:278 Resp: 37154

Ion Ratio Lower Upper

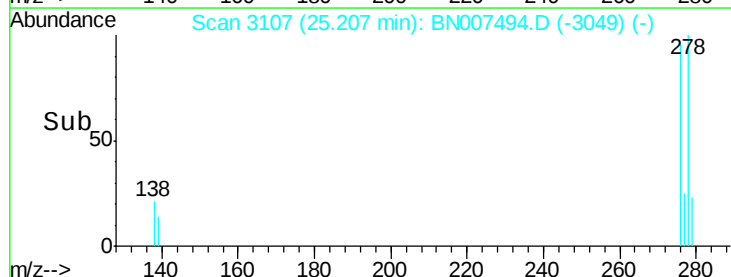
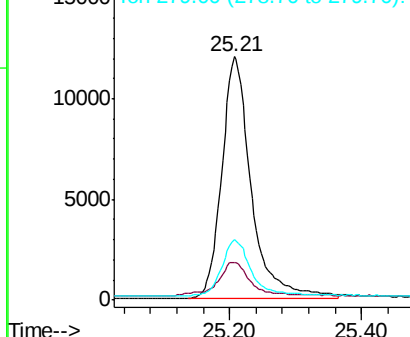
278 100

139 15.7 13.7 20.5

279 24.9 20.2 30.4



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





#39

Benzo(g,h,i)perylene

Concen: 0.345 ng

RT: 25.81 min Scan# 3284

Delta R.T. -0.01 min

Lab File: BN007494.D

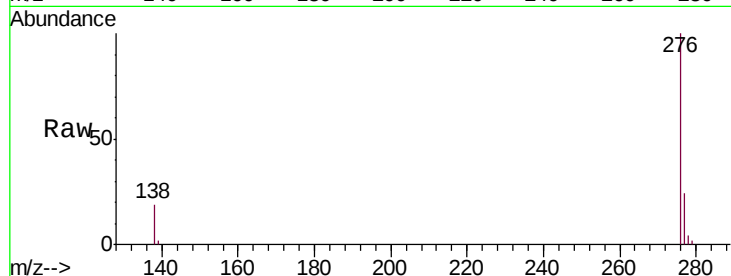
Acq: 29 Aug 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4



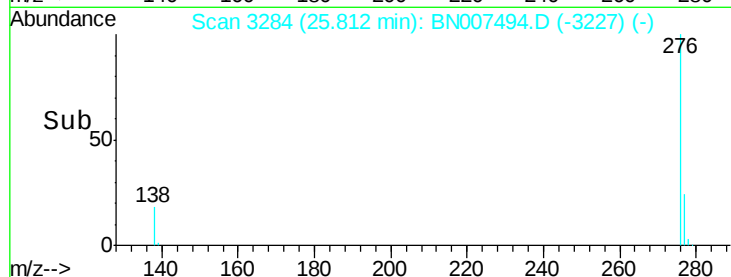
Tgt Ion: 276 Resp: 38330

Ion Ratio Lower Upper

276 100

277 24.5 19.6 29.4

138 19.2 16.3 24.5



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

