

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082919\
 Data File : BN007511.D
 Acq On : 29 Aug 2019 20:30
 Operator : HP/JU
 Sample : PB122534BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122534BSD

Quant Time: Aug 30 02:00:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 12:18:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4569	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	20264	0.40	ng	-0.01
13) Acenaphthene-d10	14.04	164	13306	0.40	ng	-0.01
19) Phenanthrene-d10	16.80	188	35463	0.40	ng	0.00
27) Chrysene-d12	21.02	240	39413	0.40	ng	0.00
34) Perylene-d12	23.12	264	36299	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.03	112	5458	0.34	ng	0.00
5) Phenol-d6	6.59	99	7696	0.38	ng	0.00
8) Nitrobenzene-d5	8.53	82	5763	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	13583	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2483	0.36	ng	-0.01
15) 2-Fluorobiphenyl	12.66	172	16905	0.32	ng	0.00
25) Fluoranthene-d10	18.84	212	42388	0.37	ng	0.00
29) Terphenyl-d14	19.46	244	32698	0.32	ng	0.00

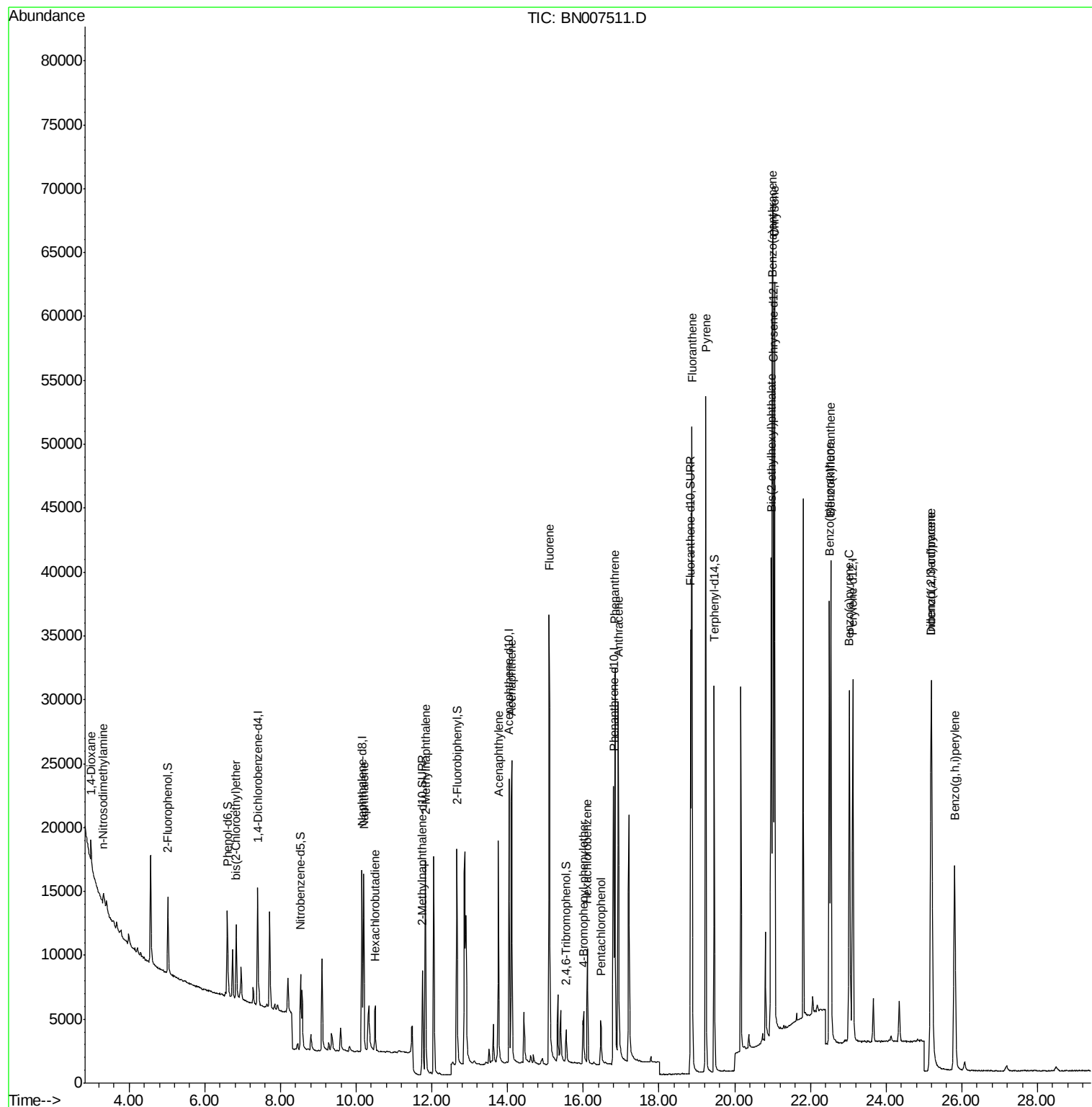
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.00	88	1725	0.227	ng	# 64
3) n-Nitrosodimethylamine	3.33	42	797	0.226	ng	# 1
6) bis(2-Chloroethyl)ether	6.83	93	5257	0.319	ng	95
9) Naphthalene	10.20	128	18989	0.328	ng	# 90
10) Hexachlorobutadiene	10.51	225	3222	0.272	ng	# 99
12) 2-Methylnaphthalene	11.83	142	13460	0.341	ng	96
16) Acenaphthylene	13.75	152	22925	0.291	ng	100
17) Acenaphthene	14.11	154	14251	0.309	ng	98
18) Fluorene	15.10	166	19336	0.332	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	2098	0.150	ng	# 91
21) Hexachlorobenzene	16.11	284	7427	0.312	ng	97
22) Pentachlorophenol	16.46	266	2455	0.332	ng	# 63
23) Phenanthrene	16.83	178	35202	0.330	ng	99
24) Anthracene	16.93	178	33041	0.308	ng	99
26) Fluoranthene	18.87	202	47741	0.349	ng	98
28) Pyrene	19.23	202	49158	0.310	ng	99
30) Benzo(a)anthracene	21.00	228	46962	0.303	ng	98
31) Chrysene	21.05	228	46701	0.313	ng	99
32) Bis(2-ethylhexyl)phthalate	20.96	149	28062	0.261	ng	99
33) Indeno(1,2,3-cd)pyrene	25.18	276	42119	0.234	ng	97
35) Benzo(b)fluoranthene	22.50	252	42500	0.323	ng	97
36) Benzo(k)fluoranthene	22.54	252	45662	0.351	ng	99
37) Benzo(a)pyrene	23.03	252	40740	0.326	ng	# 96
38) Dibenzo(a,h)anthracene	25.20	278	34002	0.272	ng	98
39) Benzo(g,h,i)perylene	25.81	276	35029	0.282	ng	99

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

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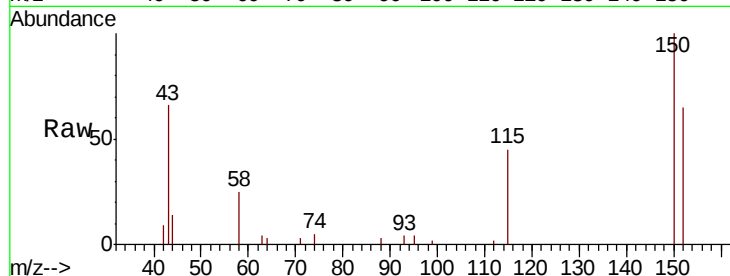


#1

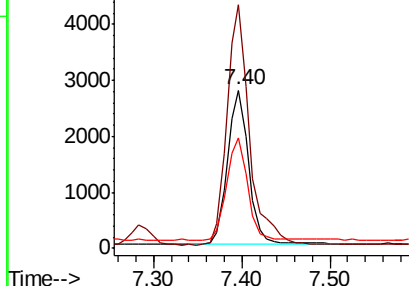
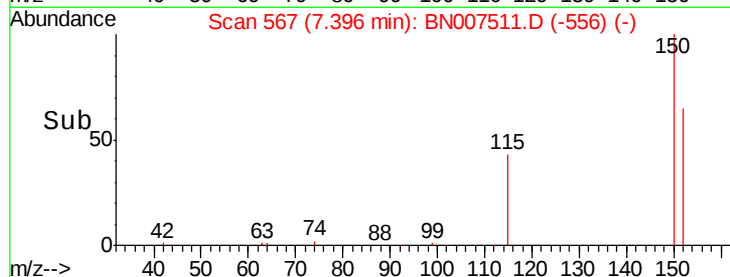
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tot Ion:152 Resp: 4569
Ion Ratio Lower Upper
152 100
150 154.2 109.1 163.7
115 69.7 59.6 89.4



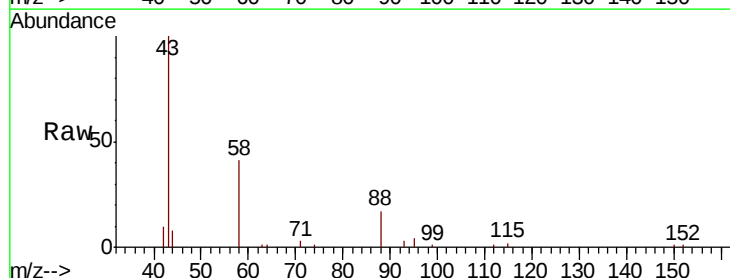
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



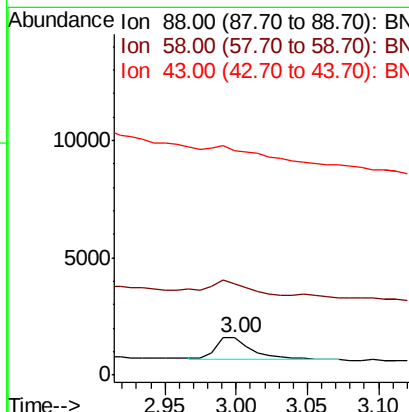
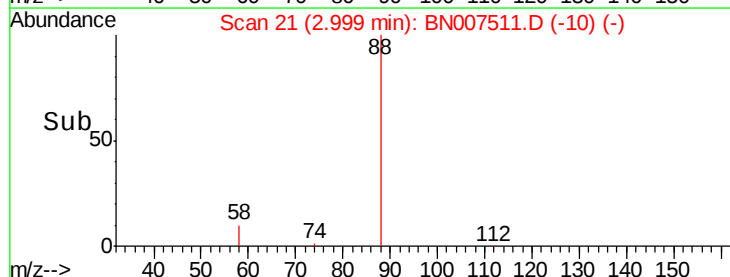
#2

1,4-Dioxane
Concen: 0.227 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion: 88 Resp: 1725
Ion Ratio Lower Upper
88 100
58 90.8 50.5 75.7#
43 0.0 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: 0.226 ng

RT: 3.33 min Scan# 62

Delta R.T. 0.00 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

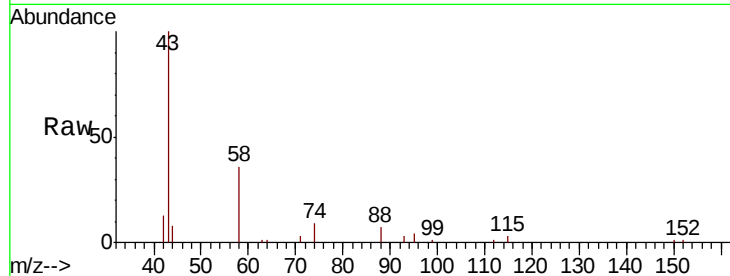
Tot Ion: 42 Resp: 797

Ion Ratio Lower Upper

42 100

74 0.0 144.7 217.1#

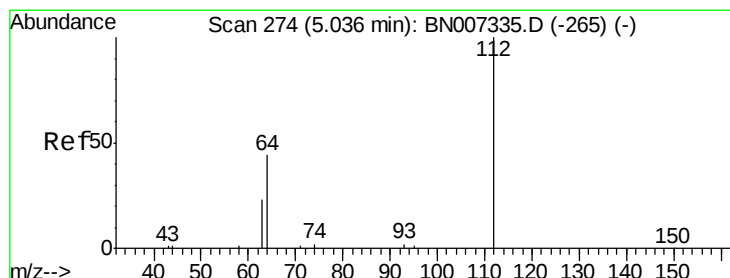
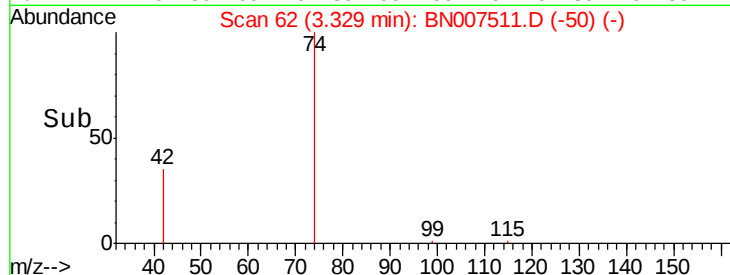
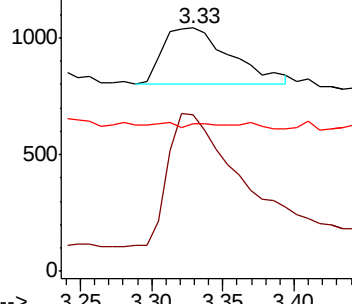
44 3.3 3.2 4.8



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



#4

2-Fluorophenol

Concen: 0.340 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

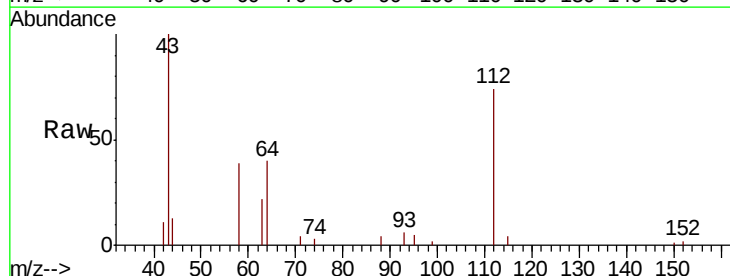
Tgt Ion: 112 Resp: 5458

Ion Ratio Lower Upper

112 100

64 53.3 42.3 63.5

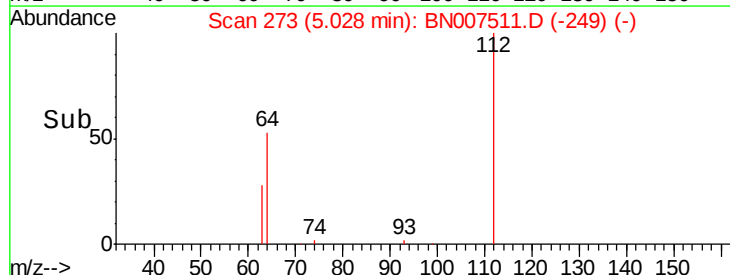
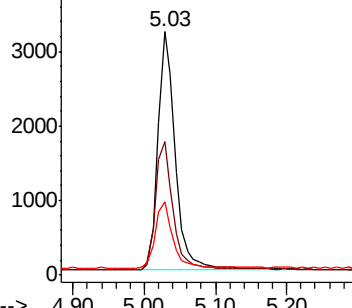
63 27.8 23.6 35.4



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





#5

Phenol-d6

Concen: 0.380 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

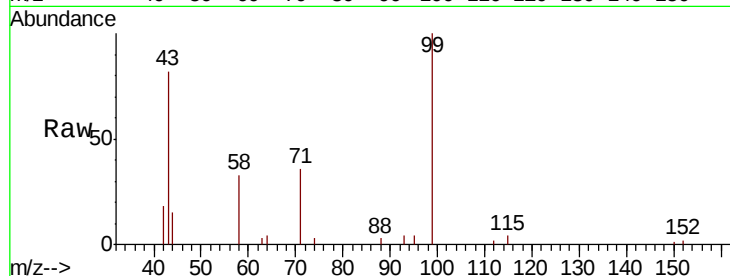
Tot Ion: 99 Resp: 7696

Ion Ratio Lower Upper

99 100

42 10.7 11.2 16.8#

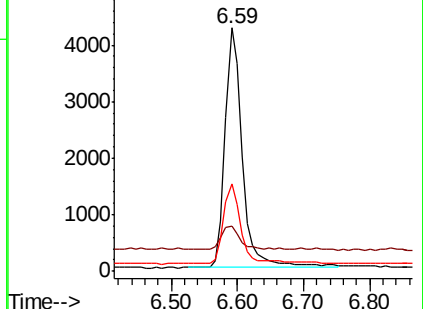
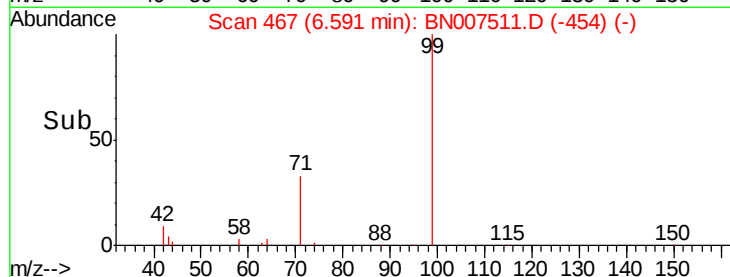
71 33.1 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007511.D (-454) (-)

Ion 42.00 (41.70 to 42.70): BN007511.D (-454) (-)

Ion 71.00 (70.70 to 71.70): BN007511.D (-454) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.319 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

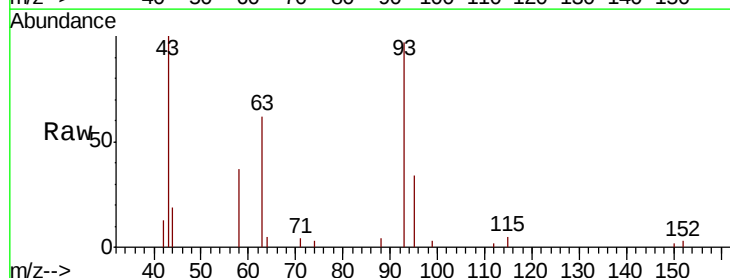
Tgt Ion: 93 Resp: 5257

Ion Ratio Lower Upper

93 100

63 61.5 51.9 77.9

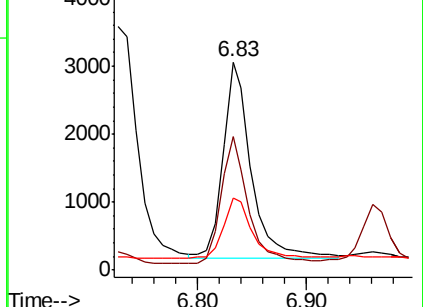
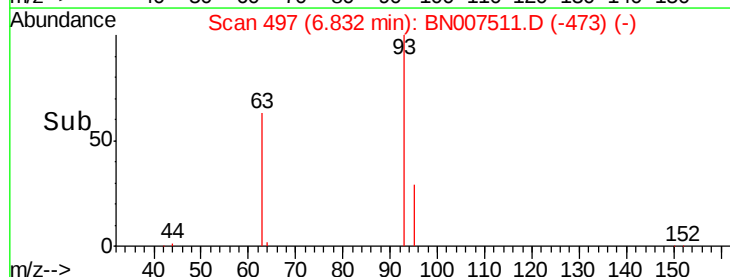
95 31.4 27.7 41.5



Abundance Ion 93.00 (92.70 to 93.70): BN007511.D (-473) (-)

Ion 63.00 (62.70 to 63.70): BN007511.D (-473) (-)

Ion 95.00 (94.70 to 95.70): BN007511.D (-473) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

Tot Ion:136 Resp: 20264

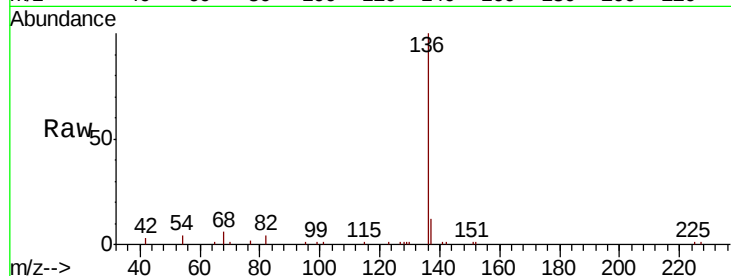
Ion Ratio Lower Upper

136 100

137 11.6 12.9 19.3#

54 4.4 8.6 12.8#

68 5.9 17.0 25.4#

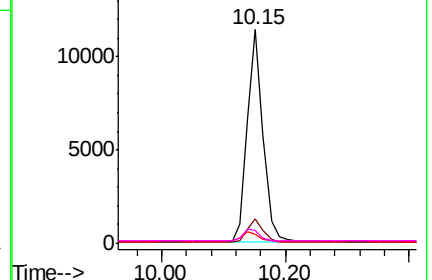
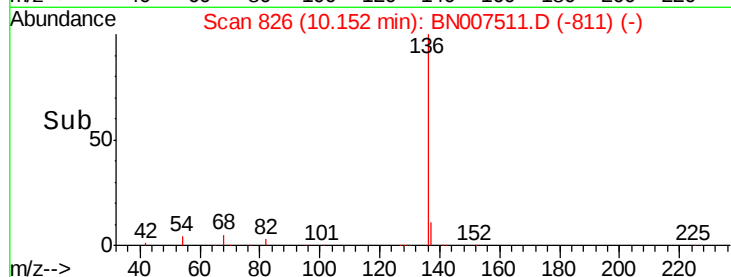


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.327 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

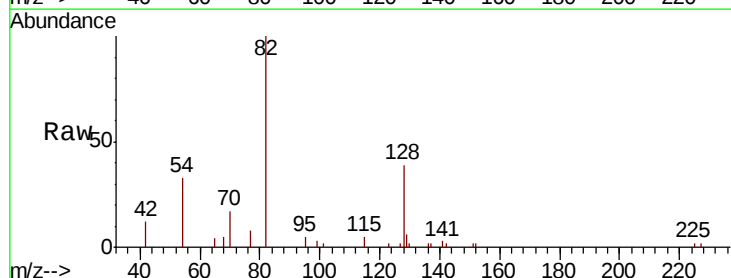
Tgt Ion: 82 Resp: 5763

Ion Ratio Lower Upper

82 100

128 39.2 19.7 29.5#

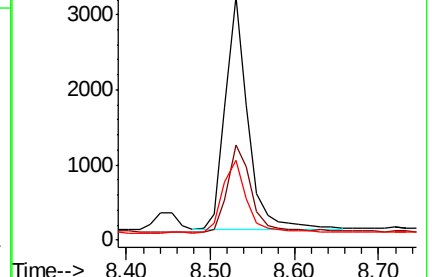
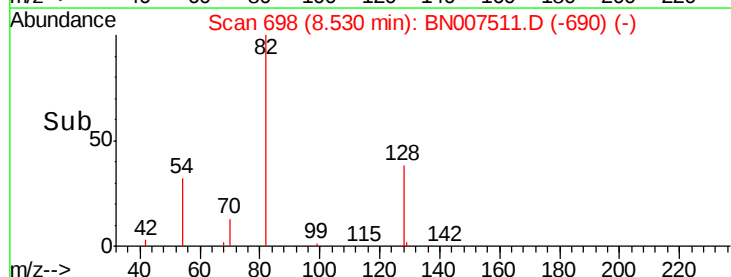
54 33.0 25.8 38.6



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: 0.328 ng

RT: 10.20 min Scan# 830

Delta R.T. 0.00 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

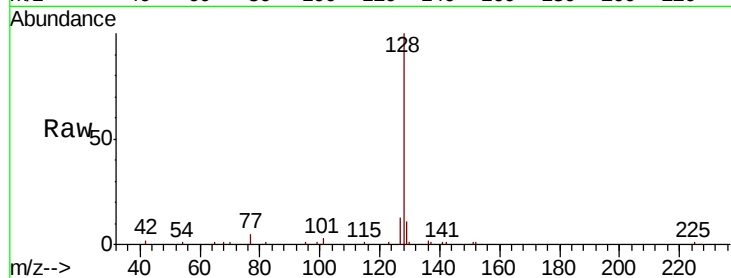
Tot Ion:128 Resp: 18989

Ion Ratio Lower Upper

128 100

129 11.5 11.1 16.7

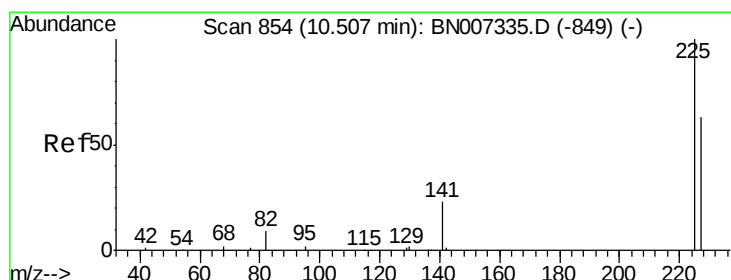
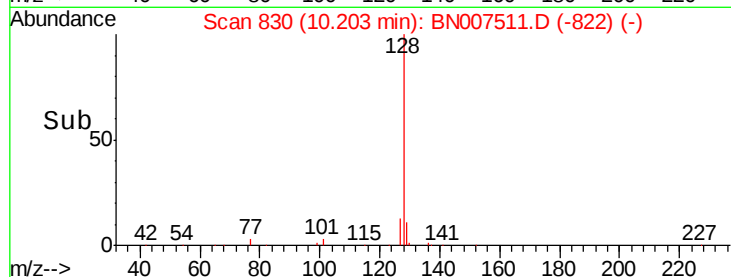
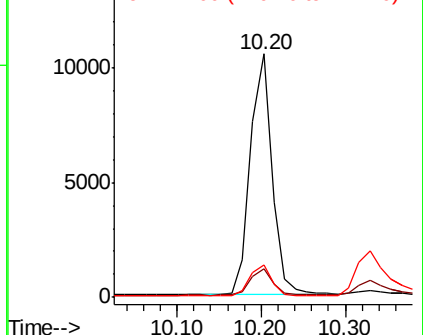
127 13.4 15.5 23.3#



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: 0.272 ng

RT: 10.51 min Scan# 854

Delta R.T. 0.00 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

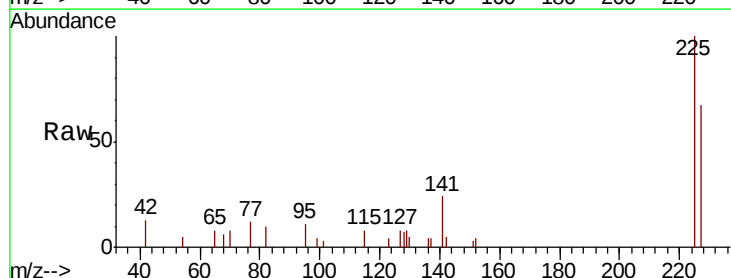
Tgt Ion:225 Resp: 3222

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

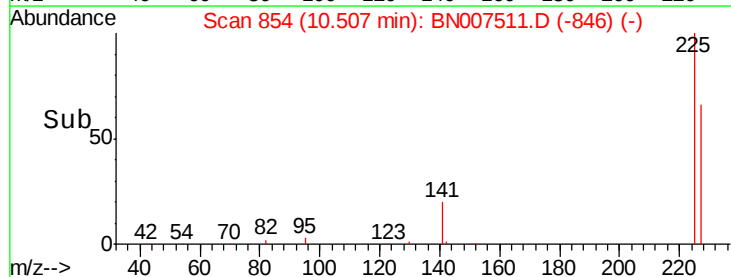
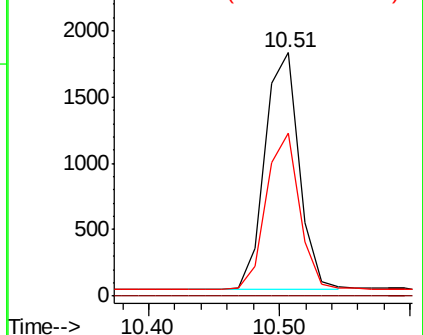
227 64.2 50.7 76.1

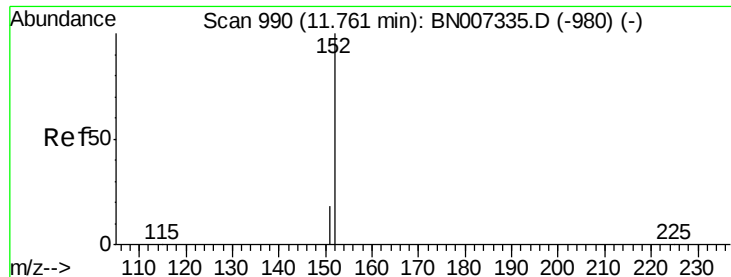


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

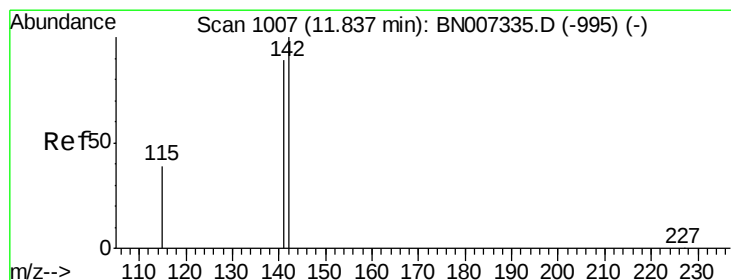
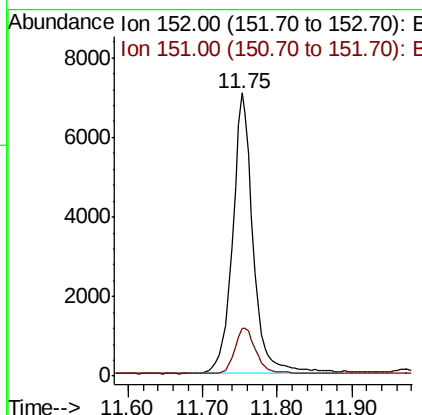
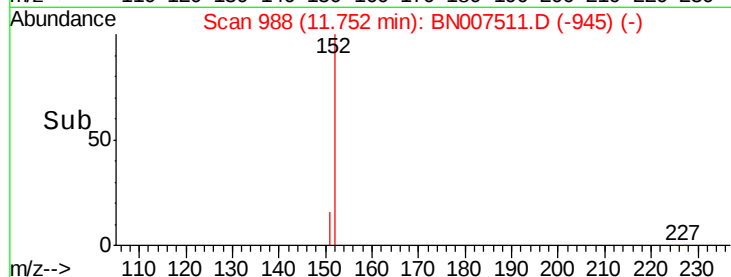
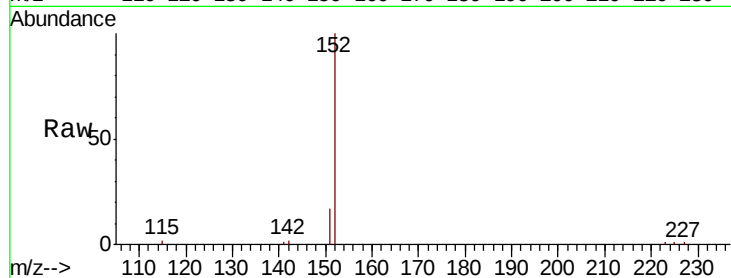




#11
 2-Methylnaphthalene-d10
 Concen: 0.403 ng
 RT: 11.75 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BN007511.D
 Acq: 29 Aug 2019 20:30

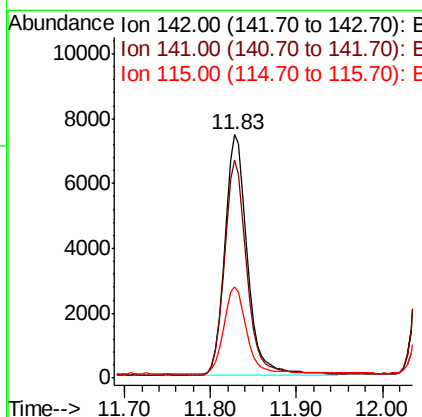
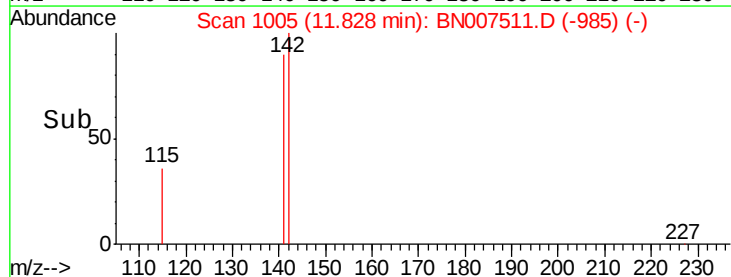
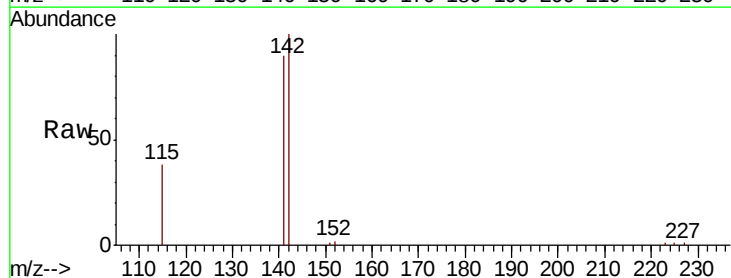
Instrument :
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 PB122534BSD

Tot Ion:152 Resp: 13583
 Ion Ratio Lower Upper
 152 100
 151 17.0 16.2 24.2



#12
 2-Methylnaphthalene
 Concen: 0.341 ng
 RT: 11.83 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BN007511.D
 Acq: 29 Aug 2019 20:30

Tgt Ion:142 Resp: 13460
 Ion Ratio Lower Upper
 142 100
 141 89.6 72.8 109.2
 115 37.6 35.2 52.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

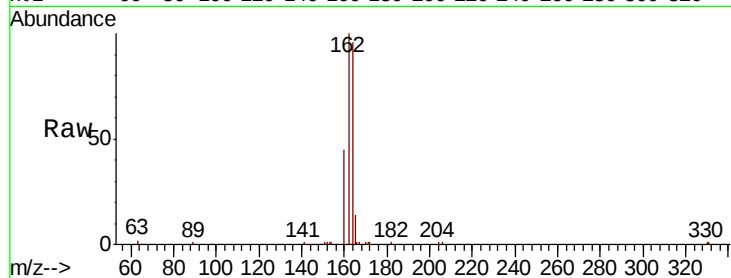
Tot Ion:164 Resp: 13306

Ion Ratio Lower Upper

164 100

162 104.0 83.5 125.3

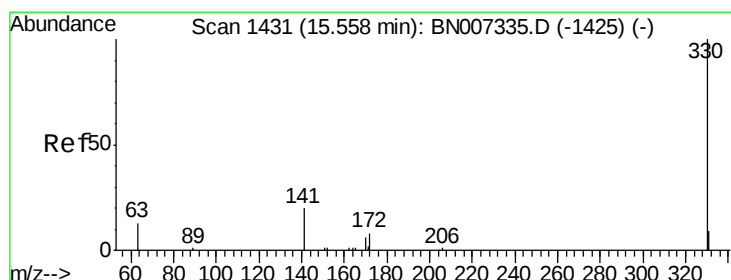
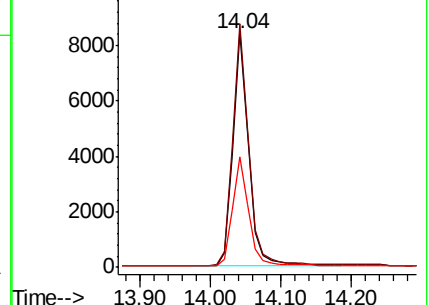
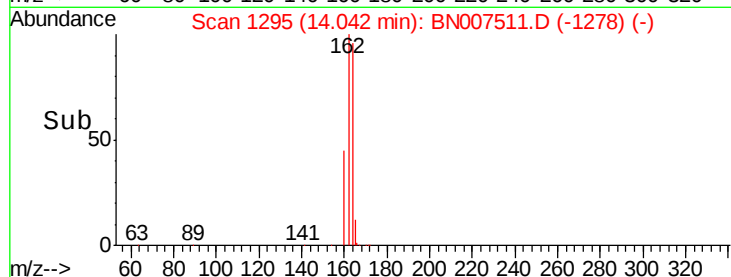
160 47.0 38.2 57.4



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



#14

2,4,6-Tribromophenol

Concen: 0.357 ng

RT: 15.55 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

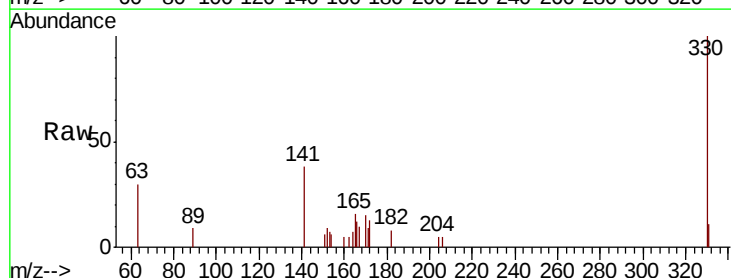
Tgt Ion:330 Resp: 2483

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

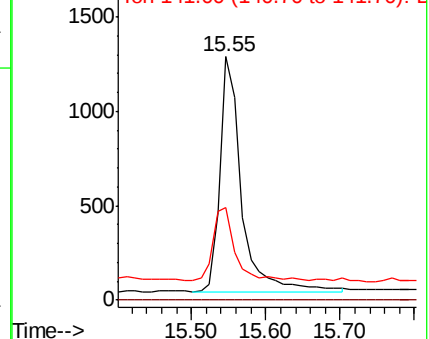
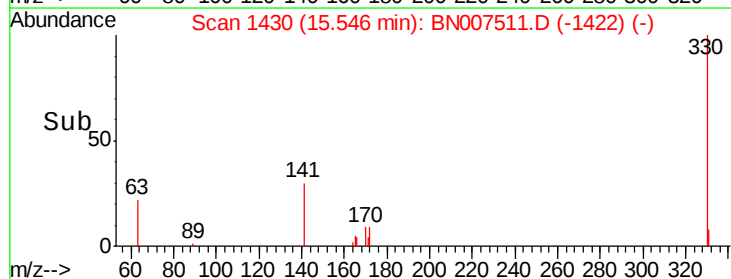
141 31.5 26.9 40.3



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

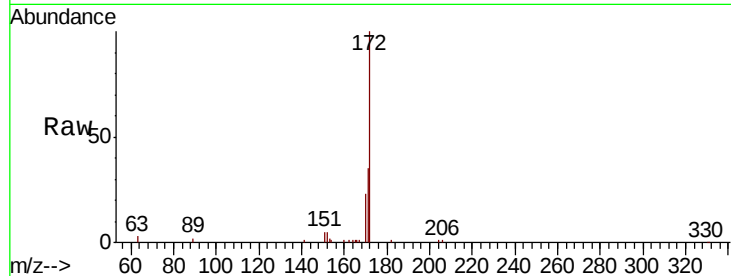




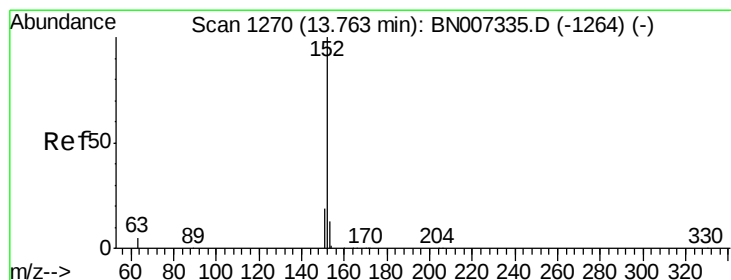
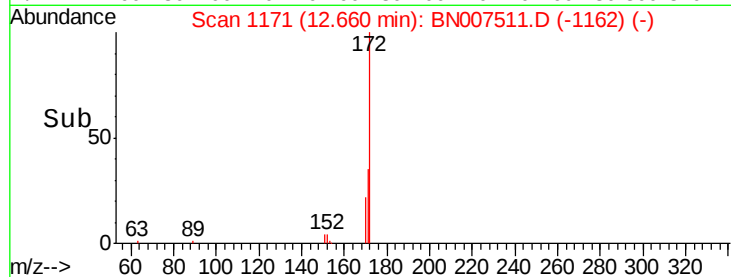
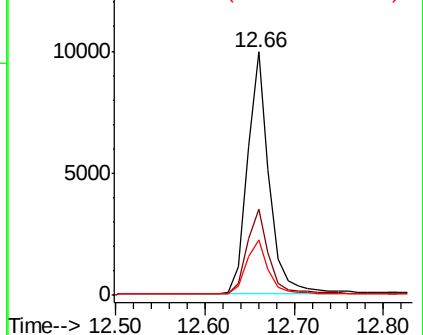
#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 12.66 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tot Ion:172 Resp: 16905
Ion Ratio Lower Upper
172 100
171 35.4 30.3 45.5
170 22.6 20.7 31.1

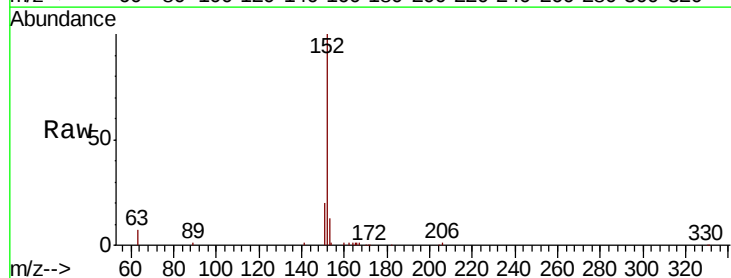


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

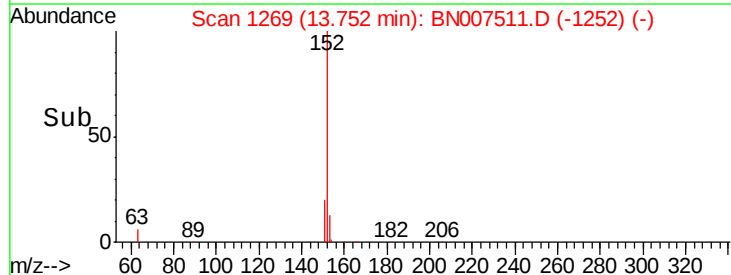
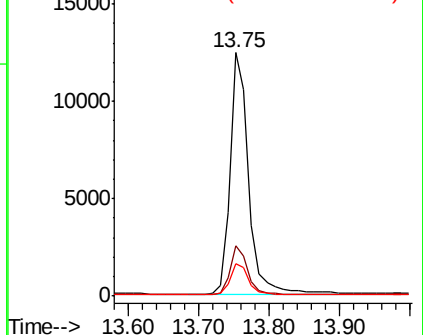


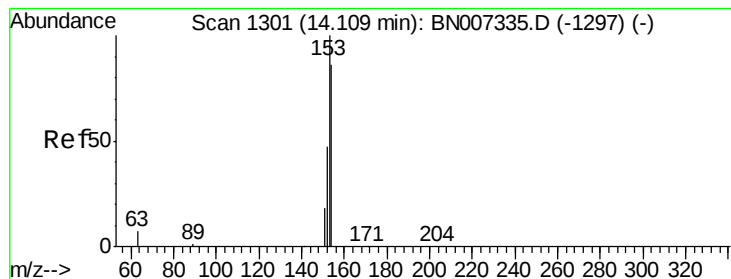
#16
Acenaphthylene
Concen: 0.291 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion:152 Resp: 22925
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.0 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: 0.309 ng

RT: 14.11 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

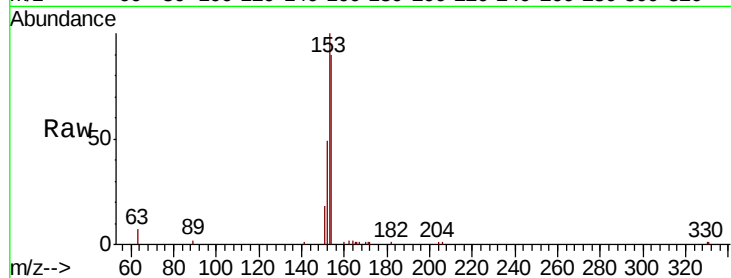
Tot Ion:154 Resp: 14251

Ion Ratio Lower Upper

154 100

153 113.0 92.8 139.2

152 53.5 43.8 65.8

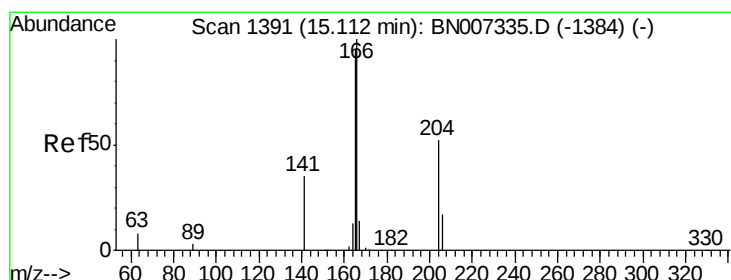
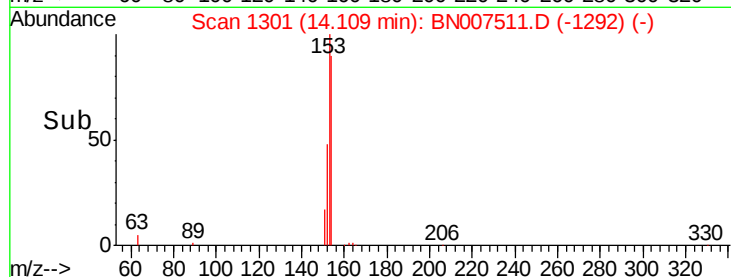
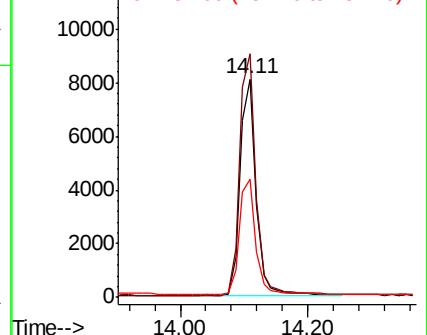


Abundance

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: 0.332 ng

RT: 15.10 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

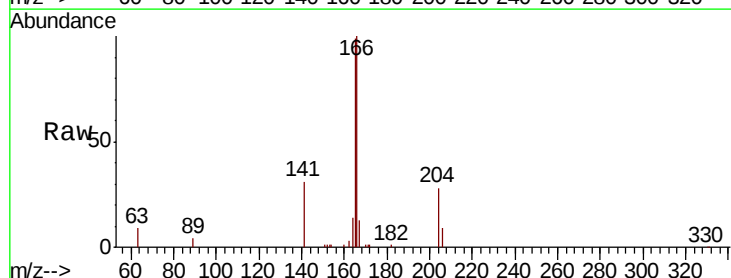
Tgt Ion:166 Resp: 19336

Ion Ratio Lower Upper

166 100

165 98.1 79.0 118.4

167 13.0 10.6 15.8

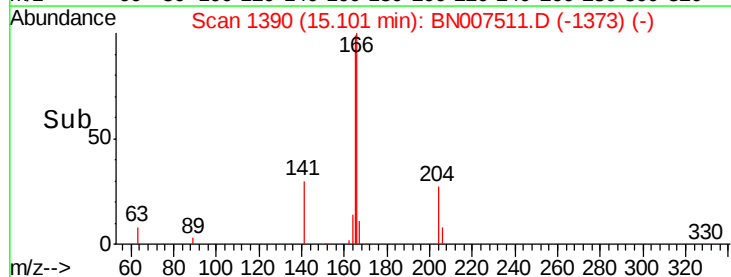
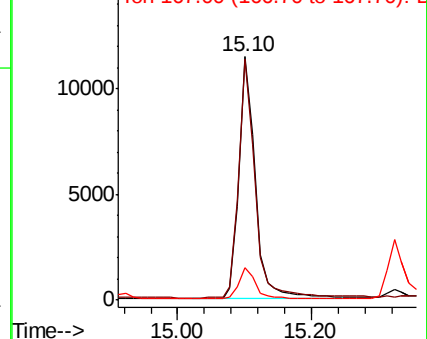


Abundance

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: 16.80 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

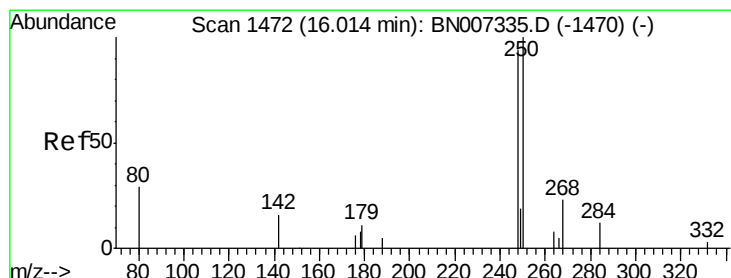
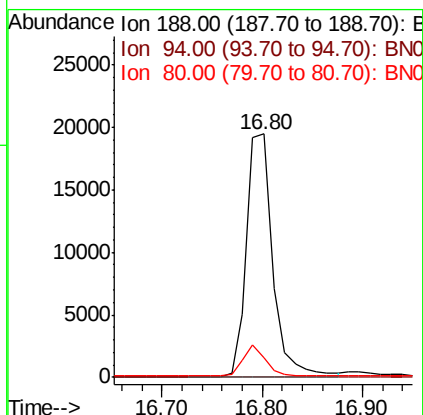
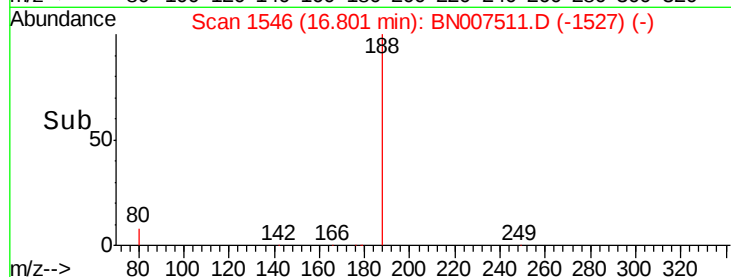
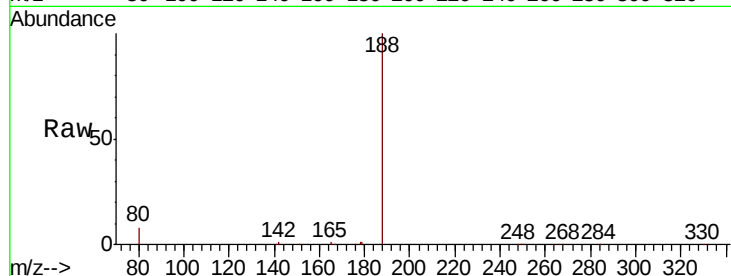
Tot Ion:188 Resp: 35463

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.1 11.8 17.8#



#20

4-Bromophenyl-phenylether

Concen: 0.150 ng

RT: 16.01 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

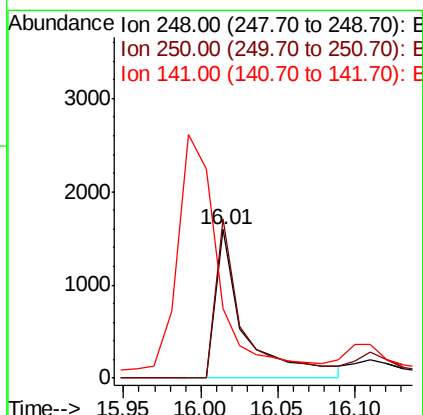
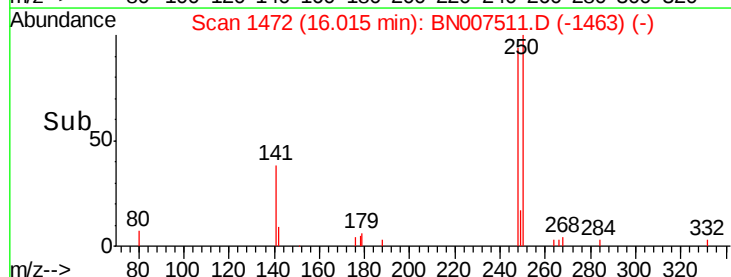
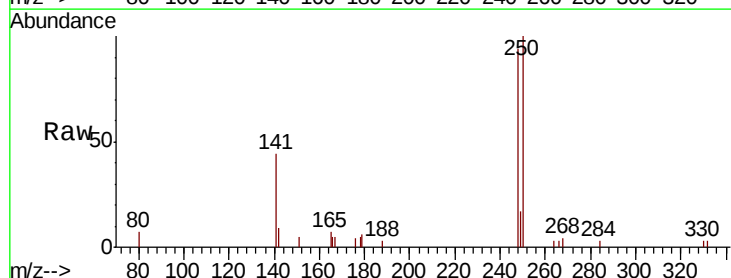
Tgt Ion:248 Resp: 2098

Ion Ratio Lower Upper

248 100

250 106.6 85.0 127.6

141 46.8 51.7 77.5#

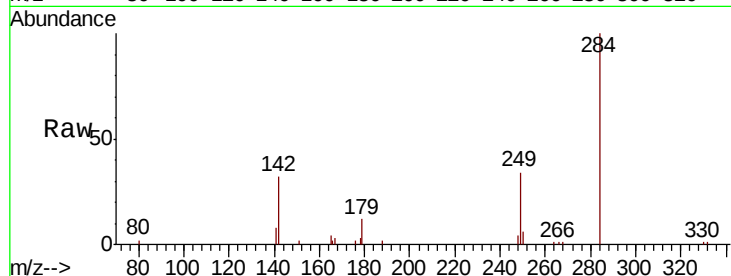




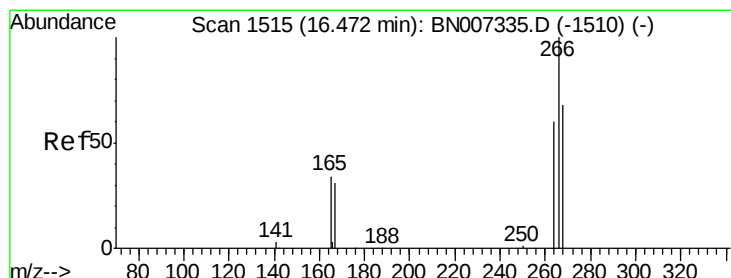
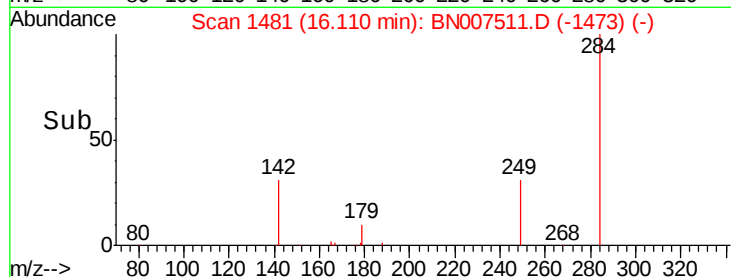
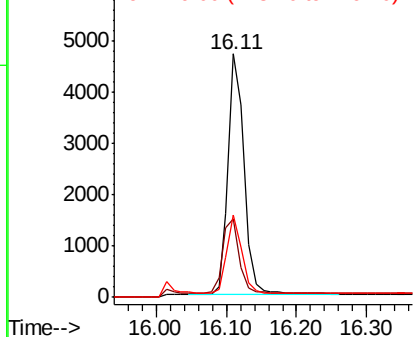
#21
Hexachlorobenzene
Concen: 0.312 ng
RT: 16.11 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tot Ion:284 Resp: 7427
Ion Ratio Lower Upper
284 100
142 32.7 29.0 43.6
249 31.0 24.9 37.3

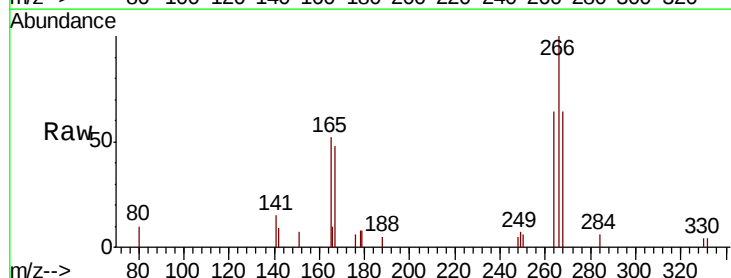


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

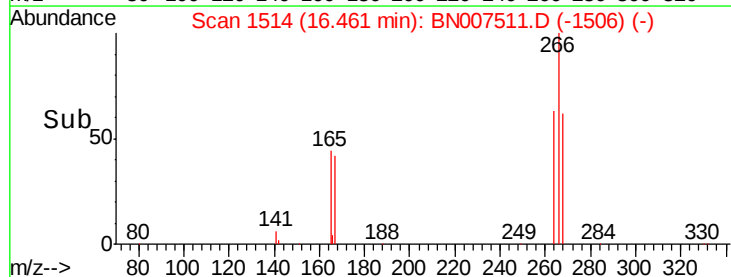
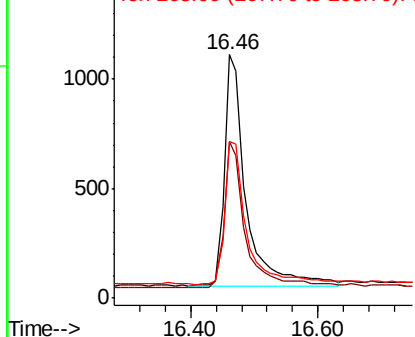


#22
Pentachlorophenol
Concen: 0.332 ng
RT: 16.46 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion:266 Resp: 2455
Ion Ratio Lower Upper
266 100
264 64.4 57.8 86.8
268 64.5 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: 0.330 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

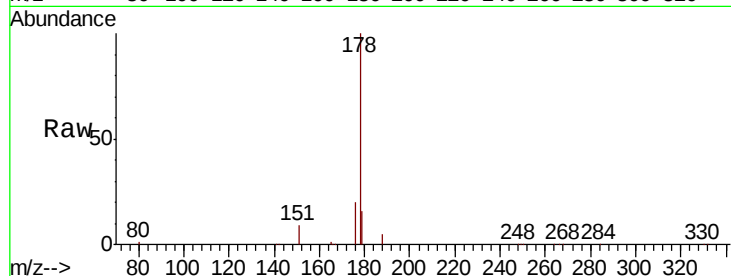
Tot Ion:178 Resp: 35202

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

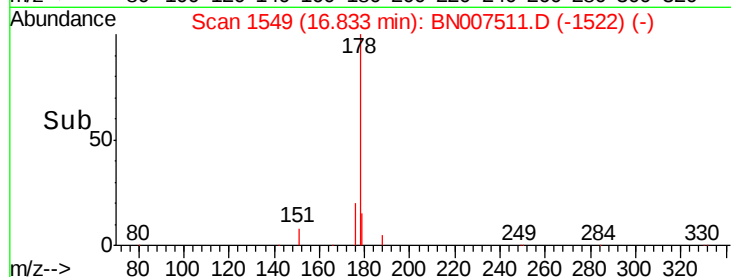
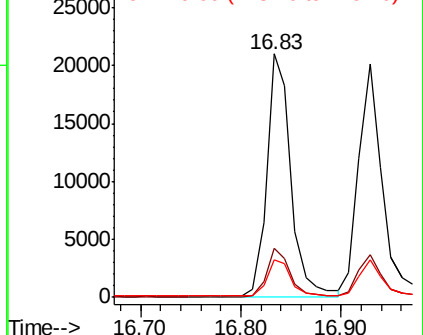
179 15.2 12.6 19.0



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

Anthracene

Concen: 0.308 ng

RT: 16.93 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

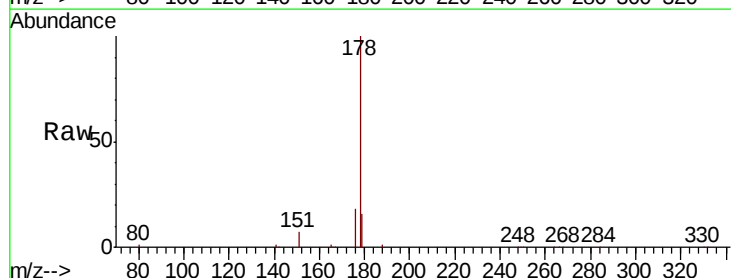
Tgt Ion:178 Resp: 33041

Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

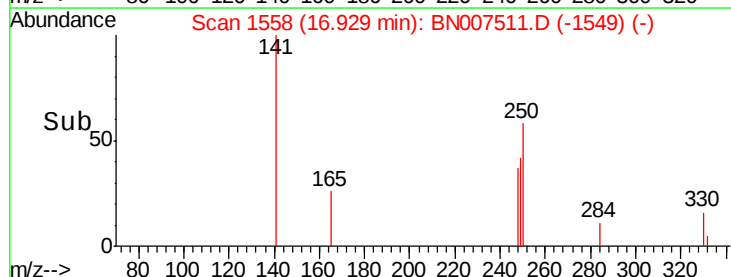
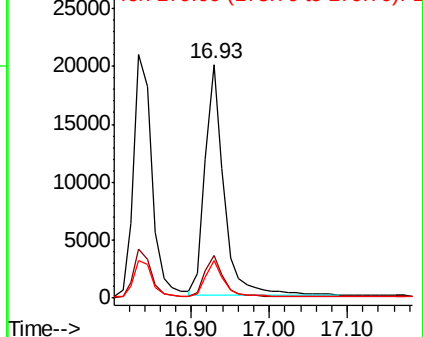
179 15.5 12.4 18.6



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





#25

Fluoranthene-d10

Concen: 0.371 ng

RT: 18.84 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

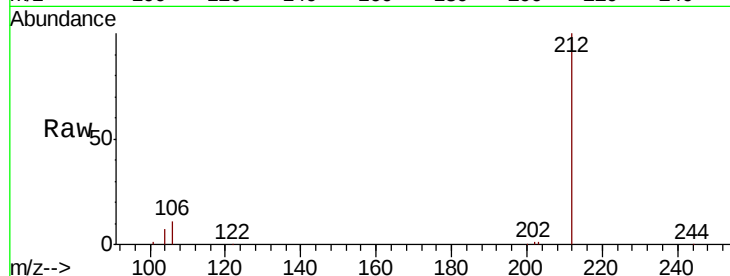
Tot Ion:212 Resp: 42388

Ion Ratio Lower Upper

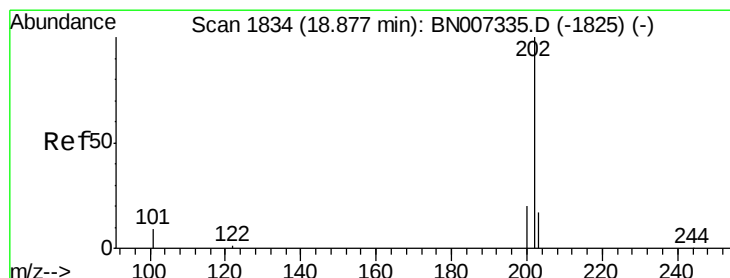
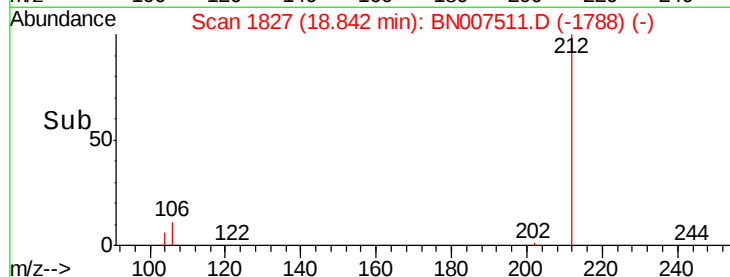
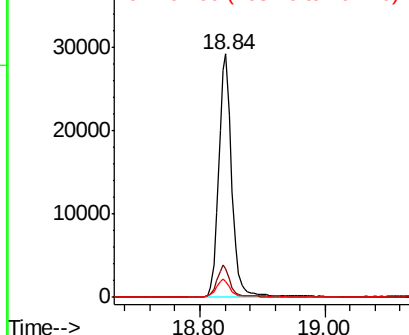
212 100

106 12.6 9.0 13.4

104 7.1 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: 0.349 ng

RT: 18.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

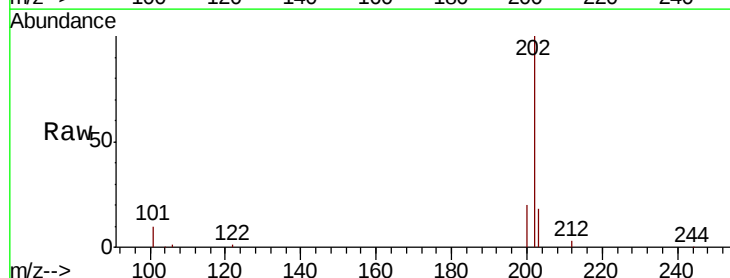
Tgt Ion:202 Resp: 47741

Ion Ratio Lower Upper

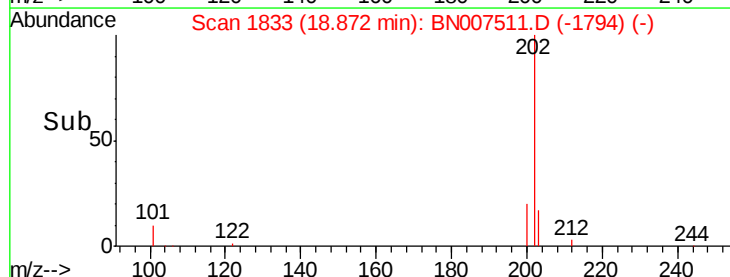
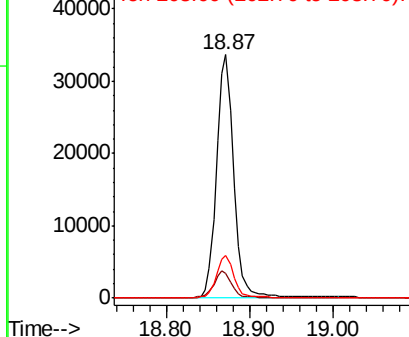
202 100

101 11.0 7.7 11.5

203 17.2 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

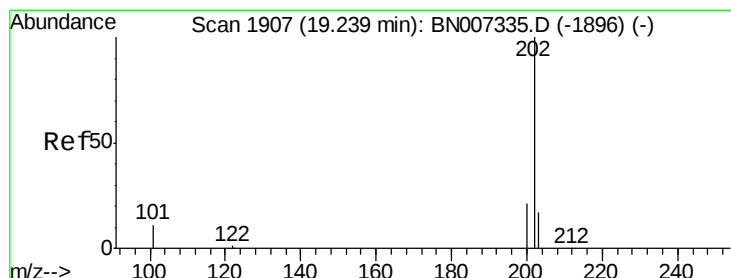
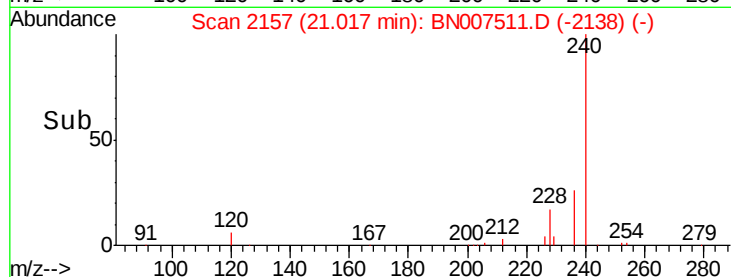
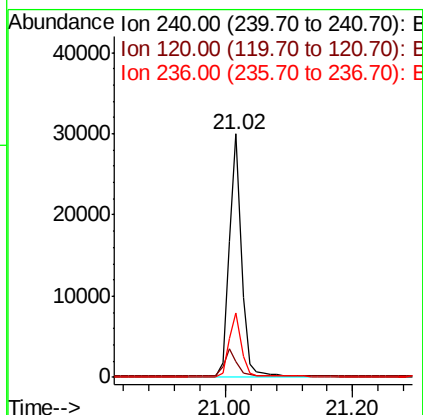
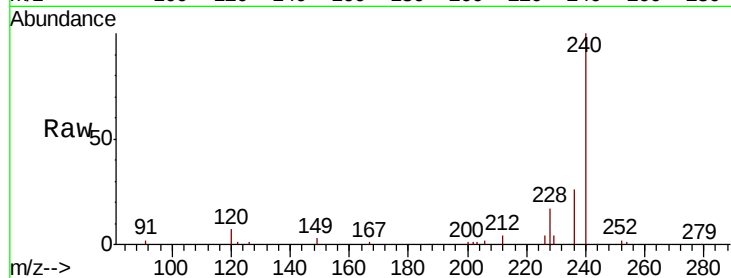




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

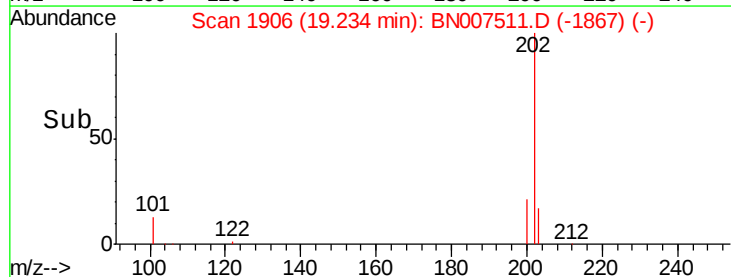
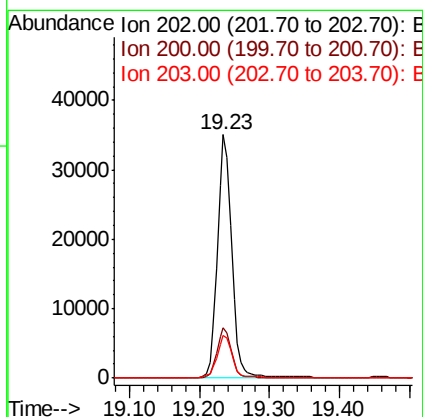
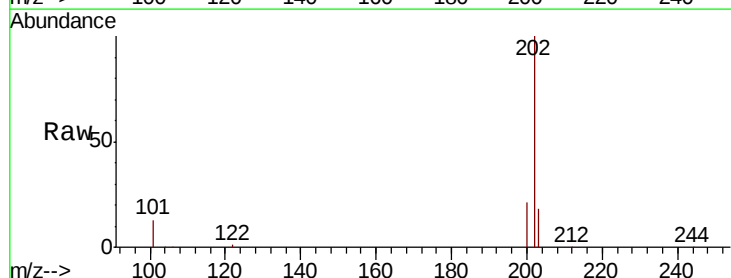
Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tot Ion:240 Resp: 39413
Ion Ratio Lower Upper
240 100
120 6.6 9.6 14.4#
236 26.4 22.2 33.2



#28
Pyrene
Concen: 0.310 ng
RT: 19.23 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion:202 Resp: 49158
Ion Ratio Lower Upper
202 100
200 20.5 16.6 25.0
203 18.1 14.2 21.4





#29

Terphenyl-d14

Concen: 0.317 ng

RT: 19.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

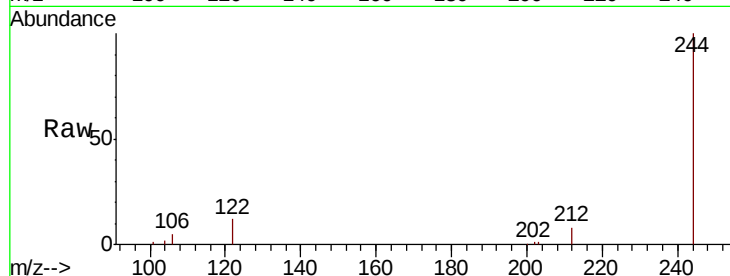
Tot Ion:244 Resp: 32698

Ion Ratio Lower Upper

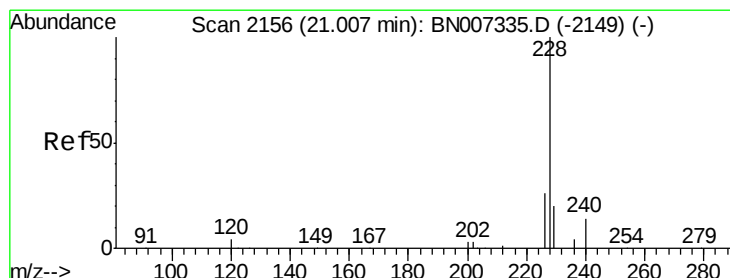
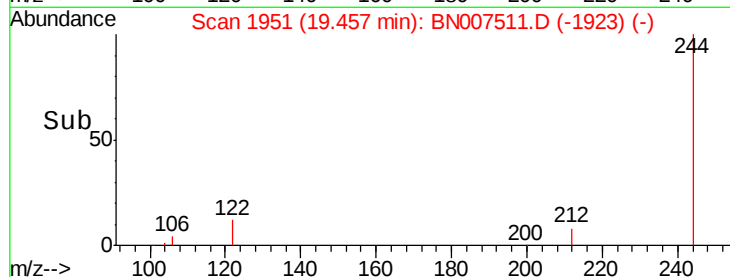
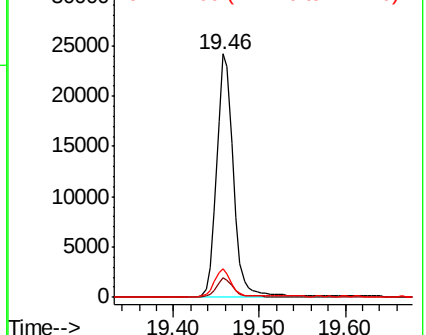
244 100

212 7.9 7.0 10.6

122 12.0 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: 0.303 ng

RT: 21.00 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

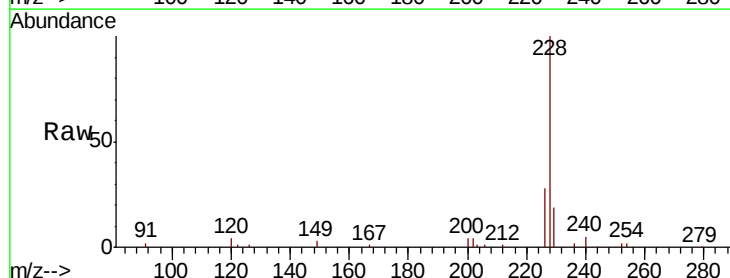
Tgt Ion:228 Resp: 46962

Ion Ratio Lower Upper

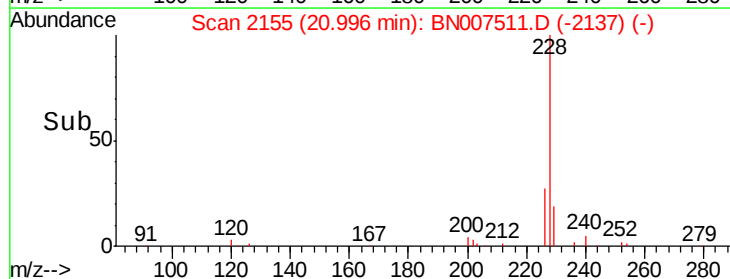
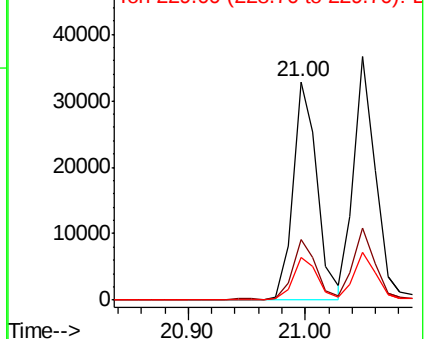
228 100

226 27.5 21.3 31.9

229 19.4 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: 0.313 ng

RT: 21.05 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

Instrument :

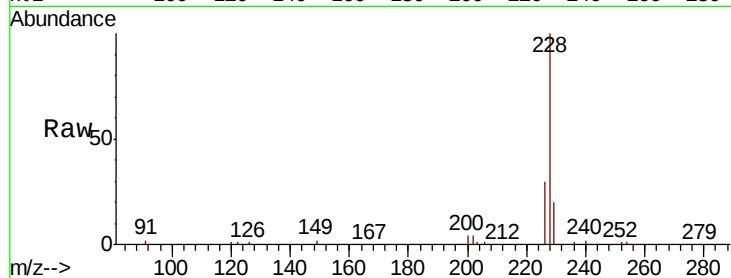
BNA_N

ClientSampleId :

PB122534BSD

Tot Ion:228 Resp: 46701

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.5	35.3
229	19.6	16.6	24.8

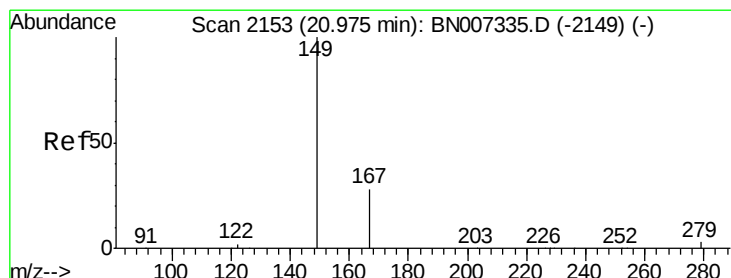
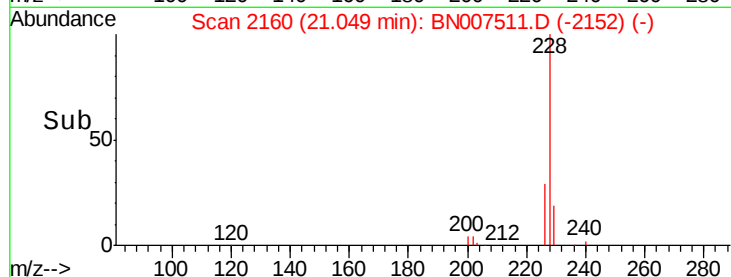
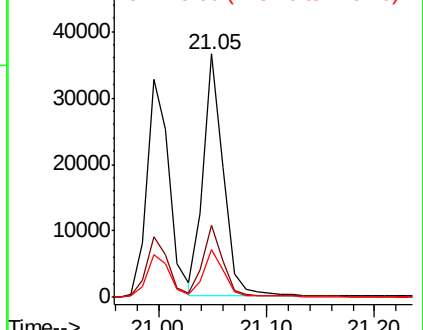


Abundance

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: 0.261 ng

RT: 20.96 min Scan# 2152

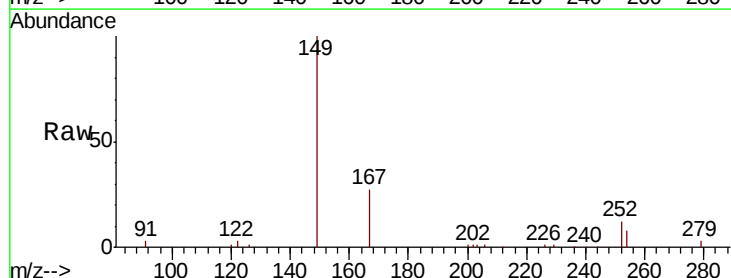
Delta R.T. -0.01 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

Tgt Ion:149 Resp: 28062

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.8	34.2
279	4.4	3.5	5.3

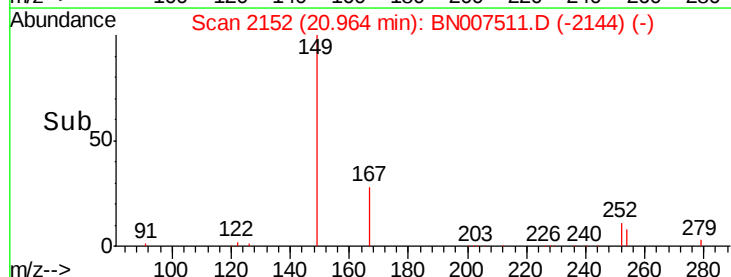
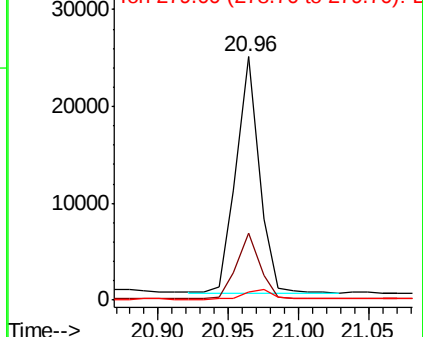


Abundance

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

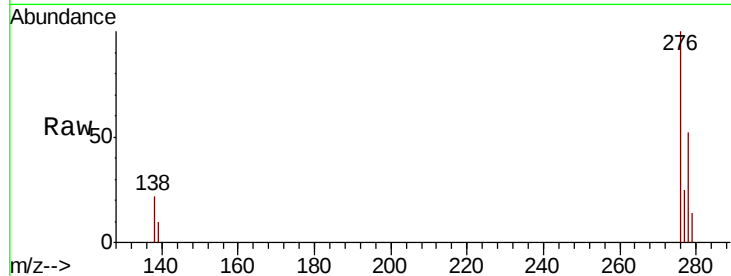




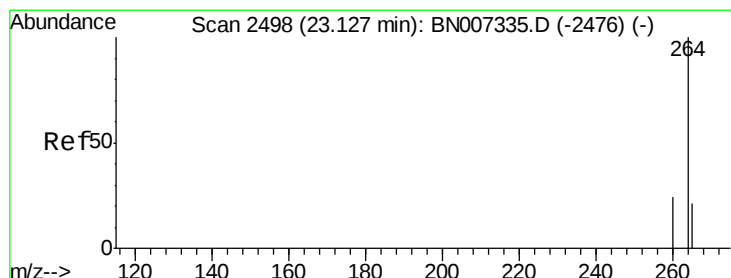
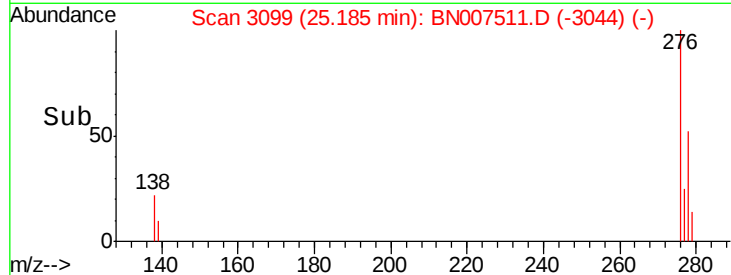
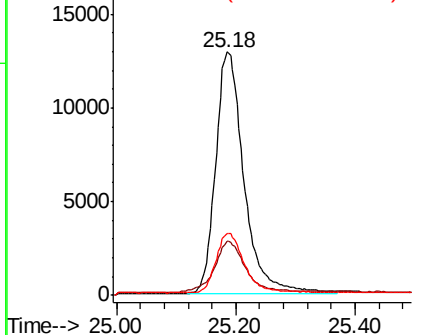
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.234 ng
 RT: 25.18 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BN007511.D
 Acq: 29 Aug 2019 20:30

Instrument :
 BNA_N
 ClientSampleId :
 PB122534BSD

Tot Ion:276 Resp: 42119
 Ion Ratio Lower Upper
 276 100
 138 22.1 15.1 22.7
 277 24.7 19.7 29.5

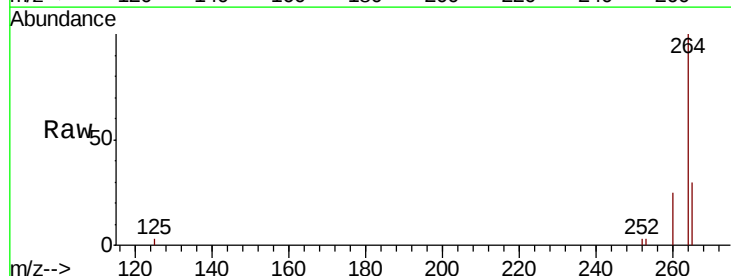


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

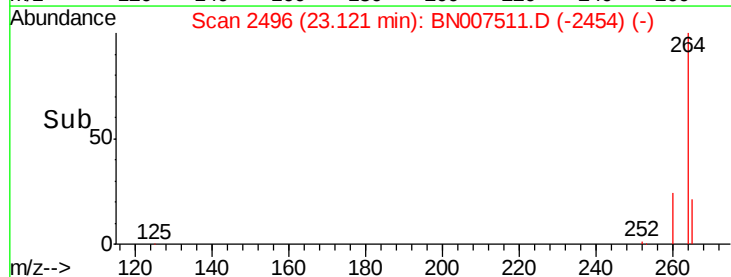
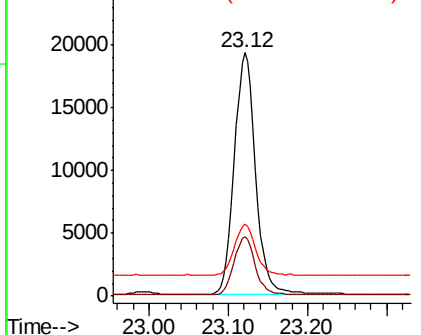


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.12 min Scan# 2496
 Delta R.T. -0.01 min
 Lab File: BN007511.D
 Acq: 29 Aug 2019 20:30

Tgt Ion:264 Resp: 36299
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.7 29.5
 265 29.6 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

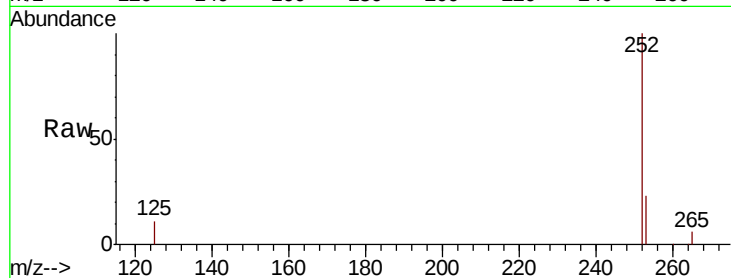




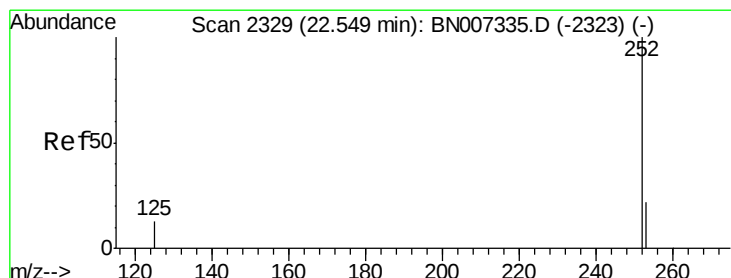
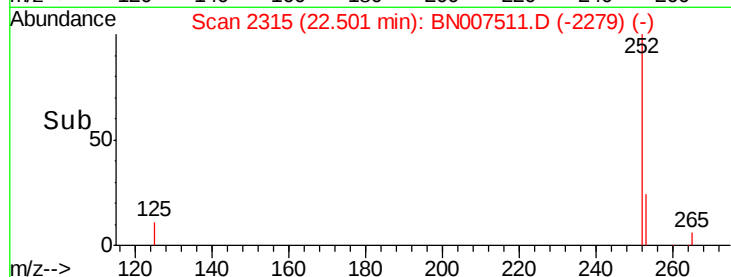
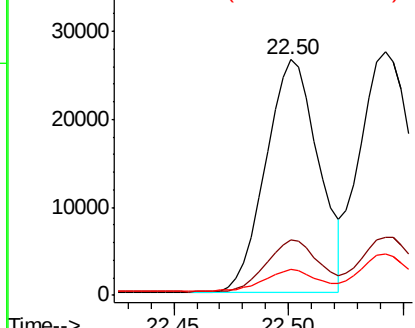
#35
Benzo(b)fluoranthene
Concen: 0.323 ng
RT: 22.50 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tot Ion:252 Resp: 42500
Ion Ratio Lower Upper
252 100
253 23.4 19.2 28.8
125 10.8 10.6 16.0

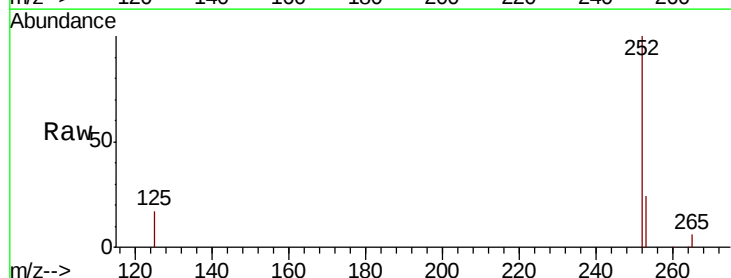


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

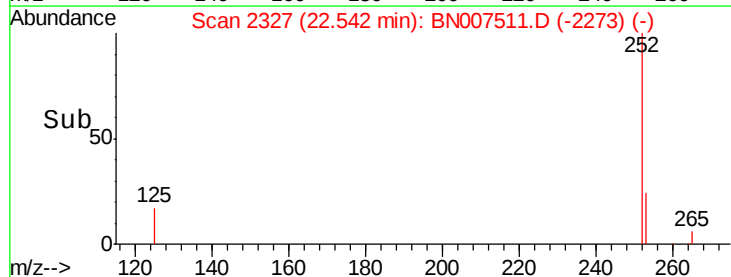
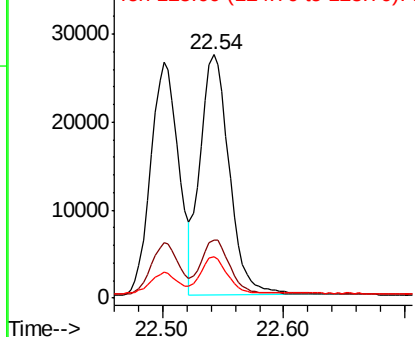


#36
Benzo(k)fluoranthene
Concen: 0.351 ng
RT: 22.54 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion:252 Resp: 45662
Ion Ratio Lower Upper
252 100
253 23.9 19.4 29.2
125 17.2 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: 0.326 ng

RT: 23.03 min Scan# 2470

Delta R.T. -0.01 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

Instrument :

BNA_N

ClientSampleId :

PB122534BSD

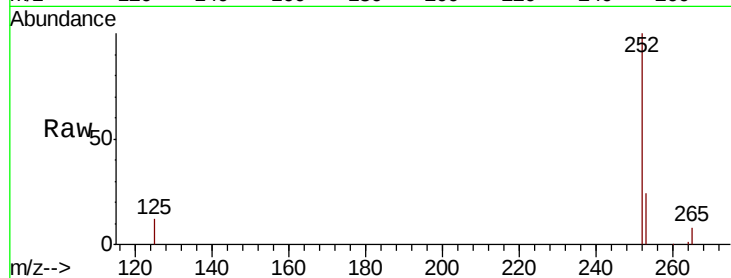
Tot Ion:252 Resp: 40740

Ion Ratio Lower Upper

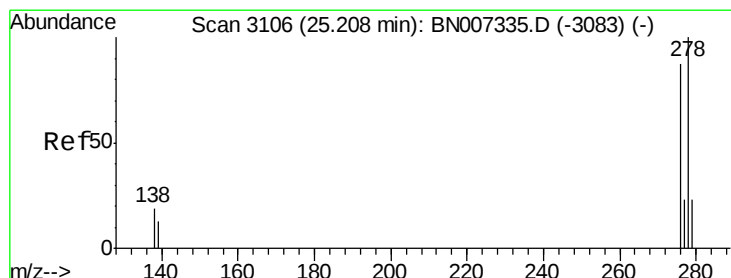
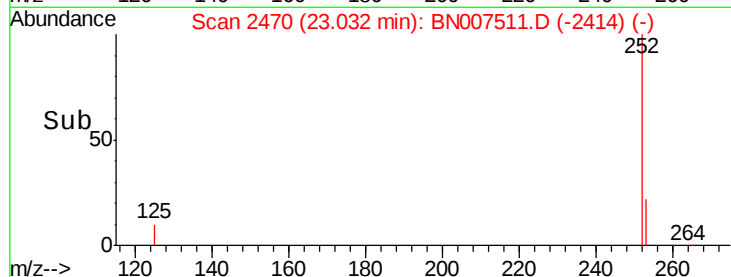
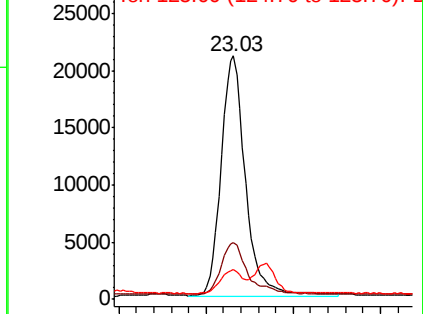
252 100

253 23.5 19.5 29.3

125 12.1 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: 0.272 ng

RT: 25.20 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN007511.D

Acq: 29 Aug 2019 20:30

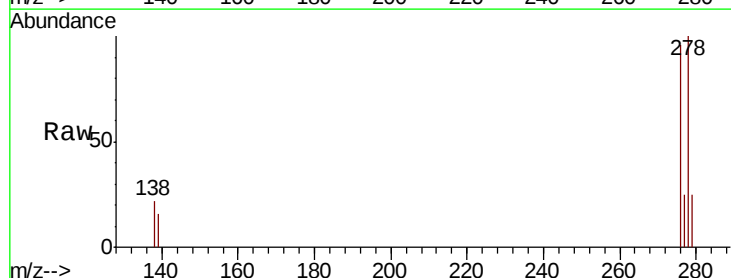
Tgt Ion:278 Resp: 34002

Ion Ratio Lower Upper

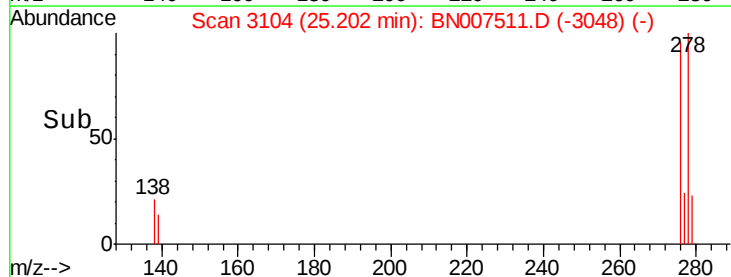
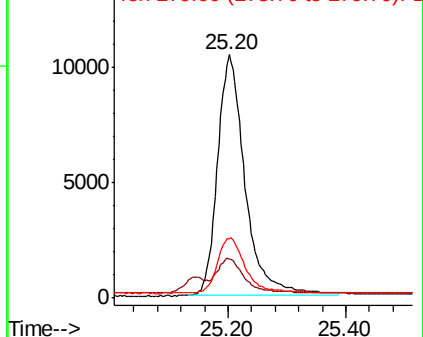
278 100

139 16.1 13.7 20.5

279 24.6 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(a,h,i)perylene

Concen: 0.282 ng

RT: 25.81 min Scan# 3282

Delta R.T. -0.01 min

Lab File: BN007511.D

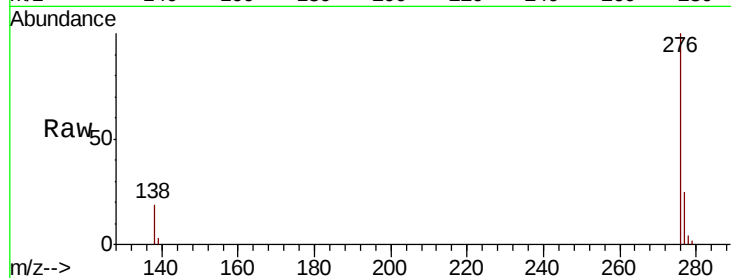
Acq: 29 Aug 2019 20:30

Instrument :

BNA_N

ClientSampleId :

PB122534BSD



Tot Ion:276 Resp: 35029

Ion Ratio Lower Upper

276 100

277 24.5 19.6 29.4

138 19.3 16.3 24.5

Abundance Ion 276.00 (275.70 to 276.70): E
15000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

