

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN083019\
 Data File : BN007525.D
 Acq On : 30 Aug 2019 16:01
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 31 01:59:30 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	7.39	152	5307	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	24160	0.40	ng	-0.01
13) Acenaphthene-d10	14.04	164	15240	0.40	ng	-0.01
19) Phenanthrene-d10	16.79	188	36801	0.40	ng	-0.01
27) Chrysene-d12	21.01	240	37327	0.40	ng	-0.01
34) Perylene-d12	23.11	264	35793	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	6124	0.33	ng	-0.02
5) Phenol-d6	6.59	99	7711	0.32	ng	0.00
8) Nitrobenzene-d5	8.53	82	7068	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	16448	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.55	330	2805	0.35	ng	-0.01
15) 2-Fluorobiphenyl	12.65	172	23508	0.38	ng	-0.01
25) Fluoranthene-d10	18.84	212	46476	0.39	ng	-0.01
29) Terphenyl-d14	19.45	244	38102	0.39	ng	-0.01

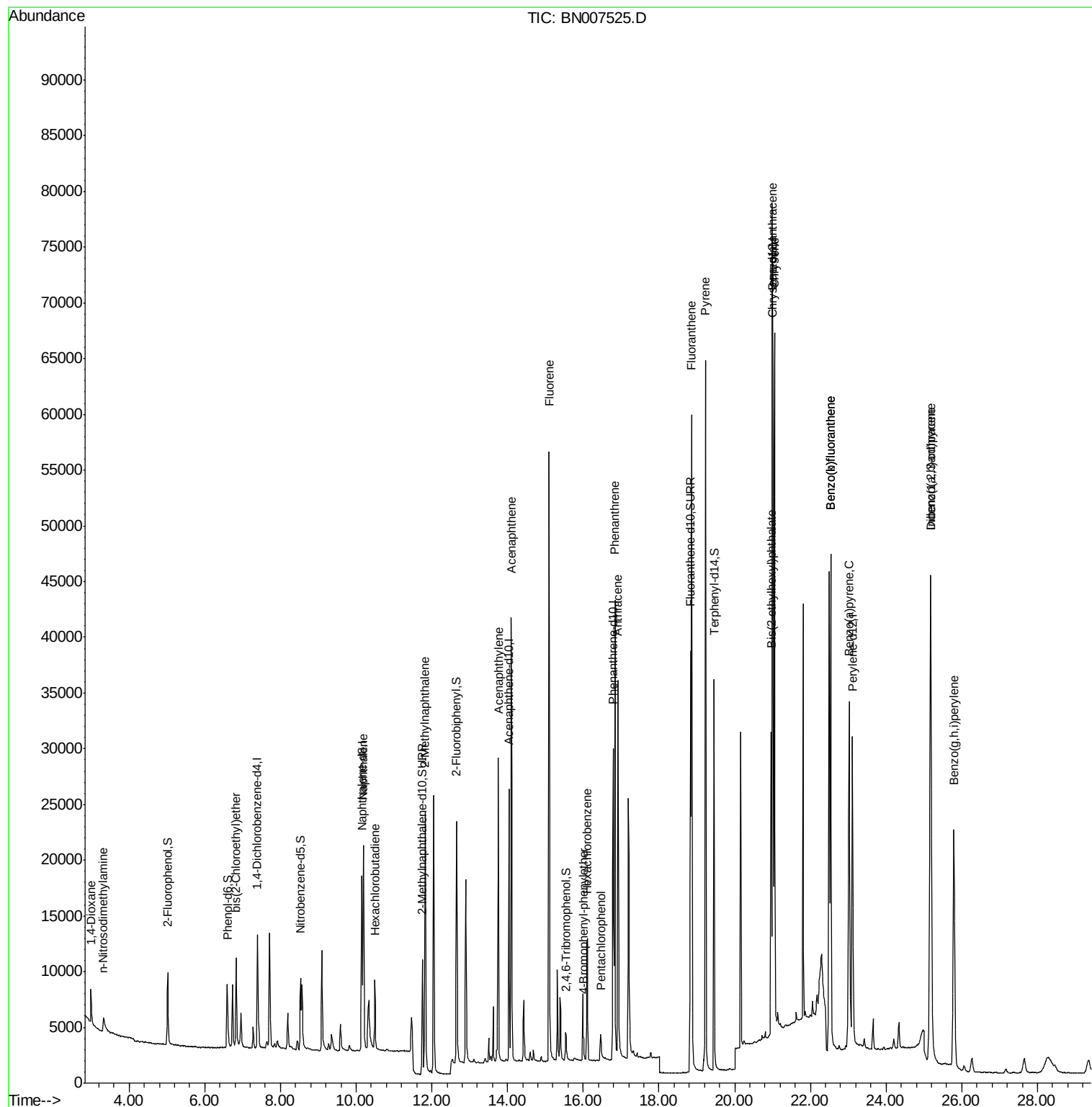
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.00	88	3294	0.374	ng	# 81
3) n-Nitrosodimethylamine	3.32	42	1180	0.288	ng	# 74
6) bis(2-Chloroethyl)ether	6.83	93	7797	0.407	ng	94
9) Naphthalene	10.19	128	27308	0.396	ng	# 90
10) Hexachlorobutadiene	10.49	225	5148	0.364	ng	# 99
12) 2-Methylnaphthalene	11.82	142	19520	0.415	ng	97
16) Acenaphthylene	13.75	152	31044	0.344	ng	99
17) Acenaphthene	14.10	154	20317	0.385	ng	99
18) Fluorene	15.10	166	26972	0.404	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	1040	0.072	ng	# 87
21) Hexachlorobenzene	16.11	284	9801	0.397	ng	96
22) Pentachlorophenol	16.46	266	2186	0.285	ng	# 62
23) Phenanthrene	16.83	178	44979	0.406	ng	99
24) Anthracene	16.92	178	41100	0.369	ng	99
26) Fluoranthene	18.87	202	57103	0.402	ng	99
28) Pyrene	19.23	202	58830	0.392	ng	99
30) Benzo(a)anthracene	21.00	228	54549	0.372	ng	99
31) Chrysene	21.05	228	56115	0.397	ng	99
32) Bis(2-ethylhexyl)phthalate	20.96	149	31864	0.317	ng	99
33) Indeno(1,2,3-cd)pyrene	25.17	276	54396	0.319	ng	97
35) Benzo(b)fluoranthene	22.54	252	54118	0.417	ng	98
36) Benzo(k)fluoranthene	22.54	252	54118	0.422	ng	98
37) Benzo(a)pyrene	23.02	252	47227	0.383	ng	# 96
38) Dibenzo(a,h)anthracene	25.18	278	43770	0.355	ng	95
39) Benzo(g,h,i)perylene	25.79	276	44055	0.359	ng	100

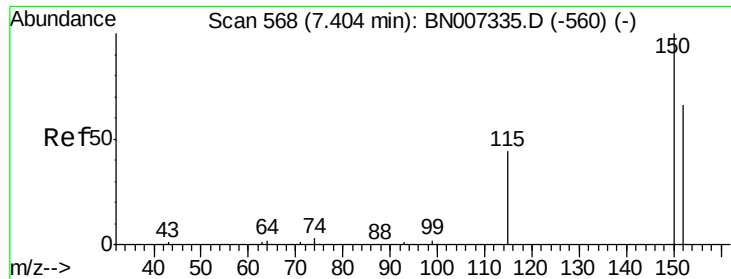
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN083019\
Data File : BN007525.D
Acq On : 30 Aug 2019 16:01
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 31 01:59:30 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



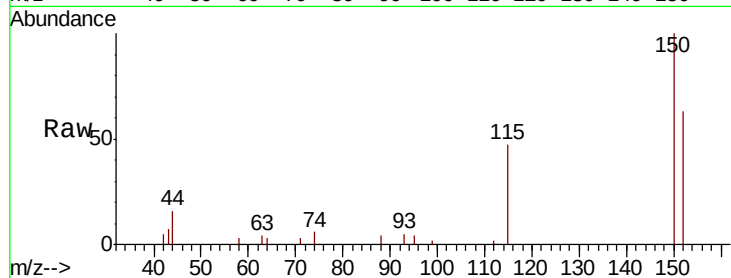


#1

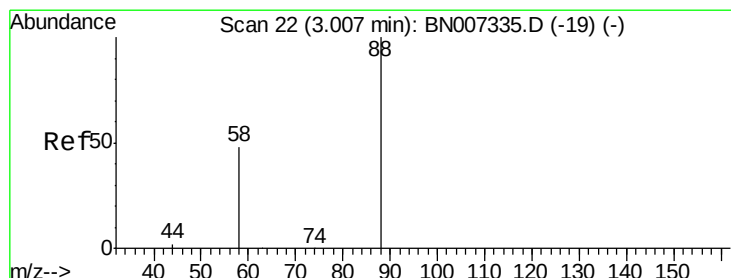
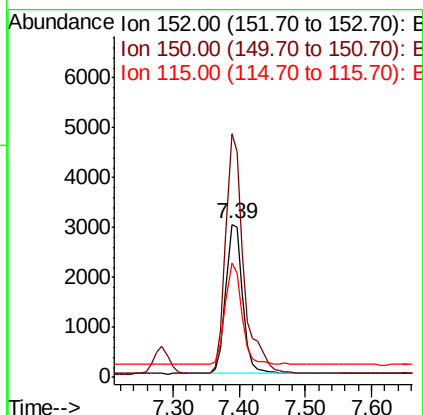
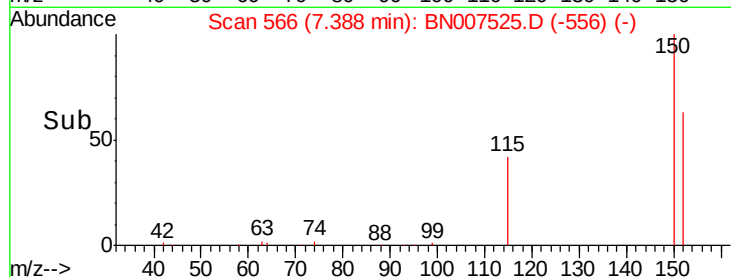
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007525.D
Acq: 30 Aug 2019 16:01

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5307
Ion Ratio Lower Upper
152 100
150 159.1 109.1 163.7
115 74.3 59.6 89.4



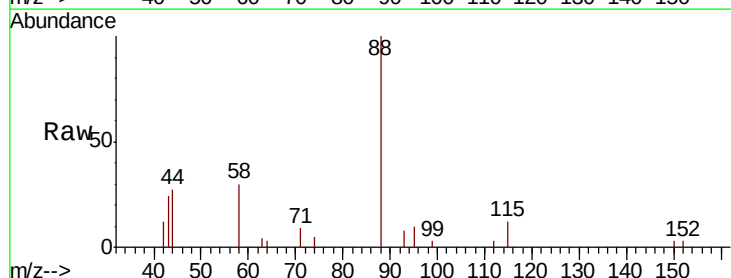
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



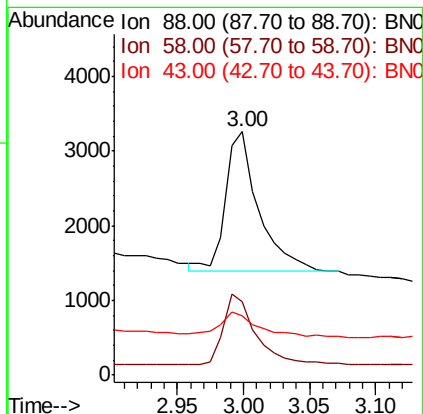
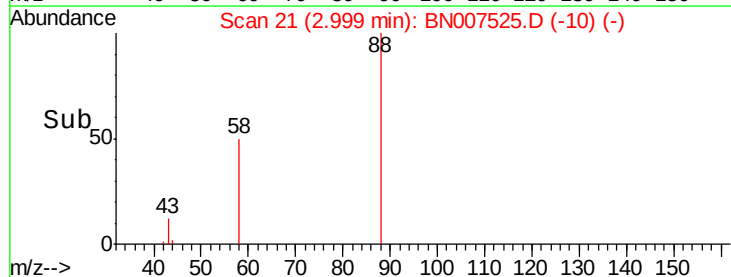
#2

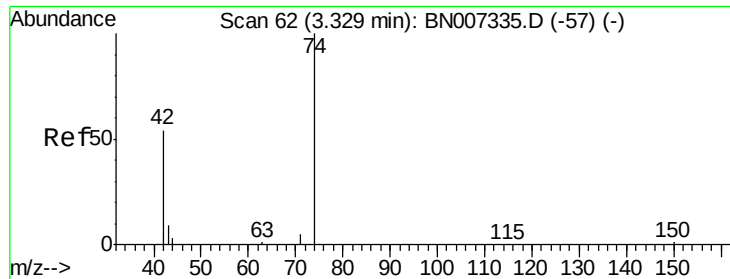
1,4-Dioxane
Concen: 0.374 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007525.D
Acq: 30 Aug 2019 16:01

Tgt Ion: 88 Resp: 3294
Ion Ratio Lower Upper
88 100
58 48.0 50.5 75.7#
43 18.3 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: 0.288 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

Instrument :

BNA_N

ClientSampleId :

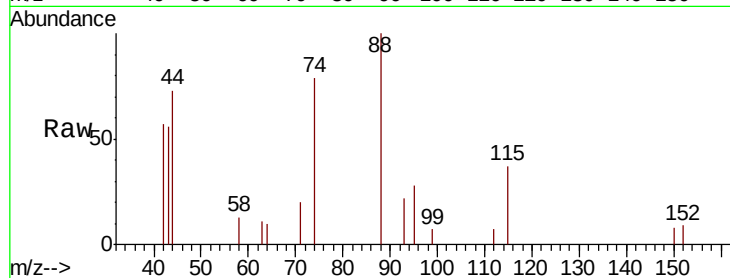
Tot Ion: 42 Resp: 1180

Ion Ratio Lower Upper

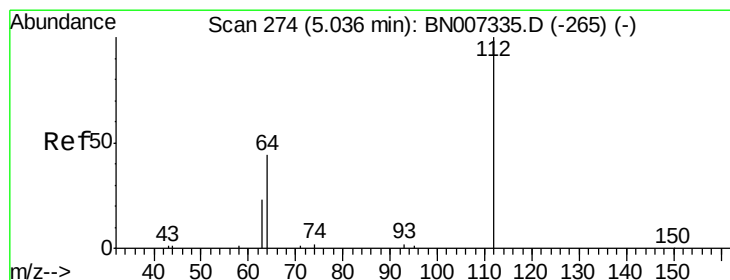
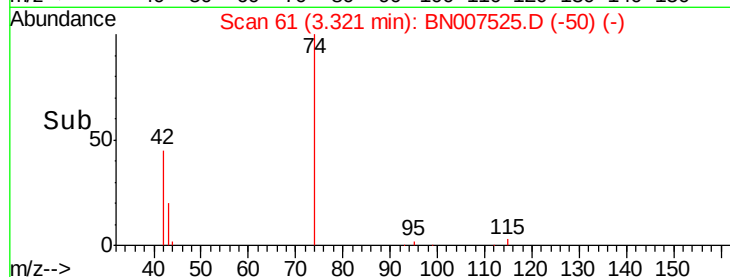
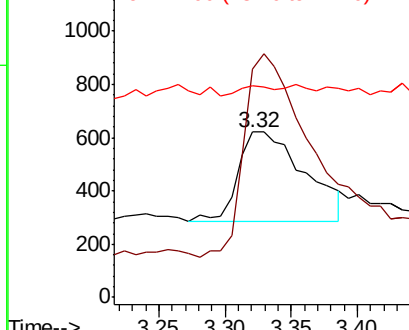
42 100

74 217.9 144.7 217.1#

44 5.8 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: 0.327 ng

RT: 5.02 min Scan# 272

Delta R.T. -0.02 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

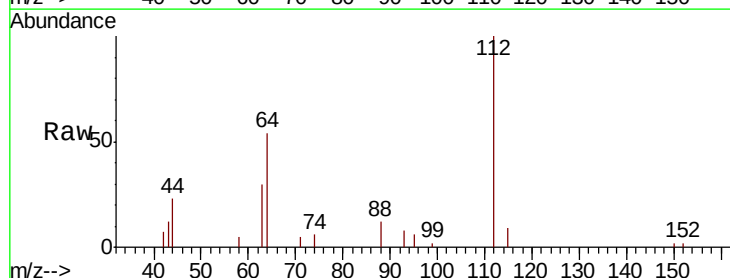
Tgt Ion: 112 Resp: 6124

Ion Ratio Lower Upper

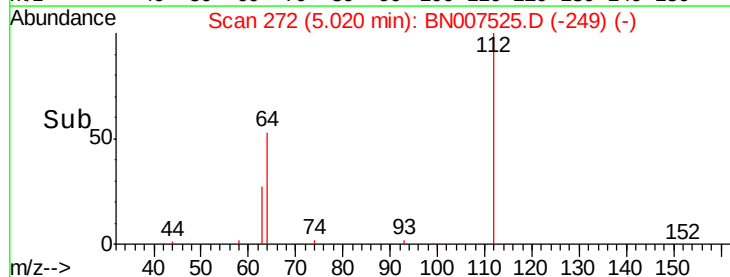
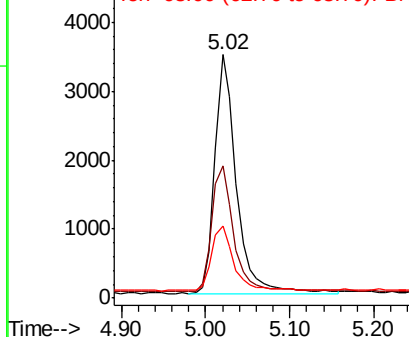
112 100

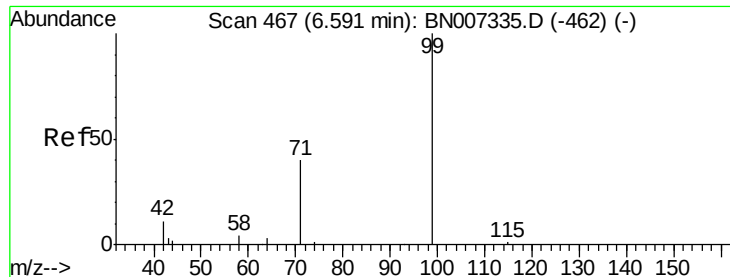
64 54.4 42.3 63.5

63 29.0 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.323 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

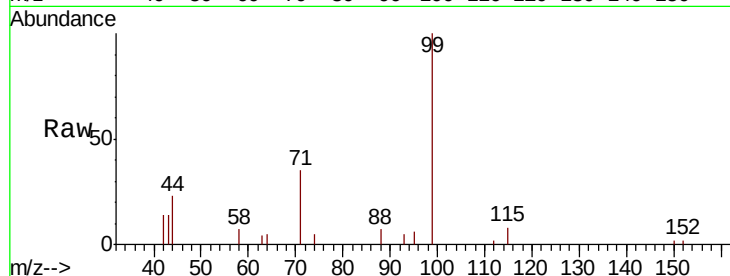
Instrument :

BNA_N

ClientSampled :

Tot Ion: 99 Resp: 7711

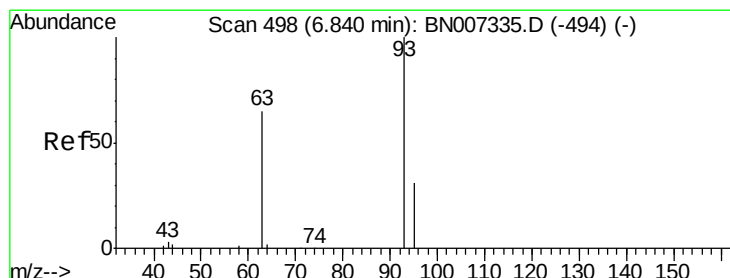
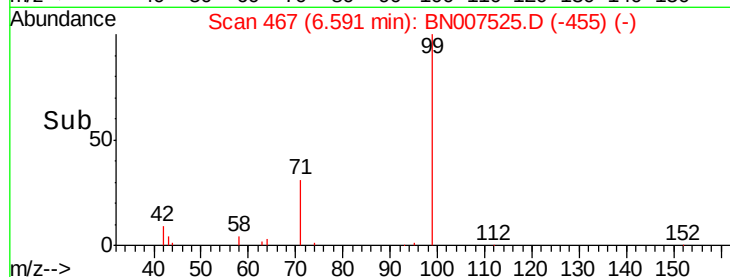
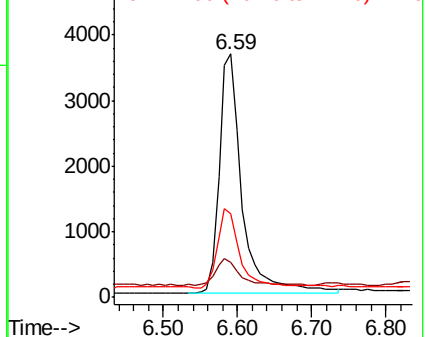
Ion	Ratio	Lower	Upper
99	100		
42	11.5	11.2	16.8
71	32.8	31.8	47.8



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.407 ng

RT: 6.83 min Scan# 497

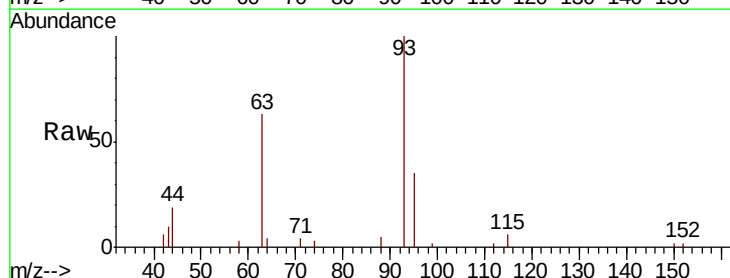
Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

Tgt Ion: 93 Resp: 7797

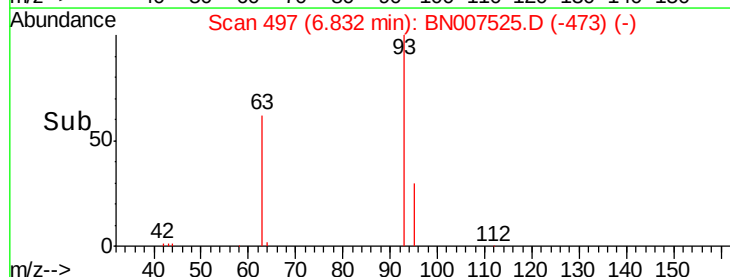
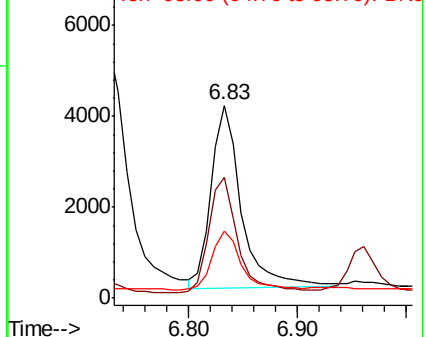
Ion	Ratio	Lower	Upper
93	100		
63	61.0	51.9	77.9
95	30.8	27.7	41.5

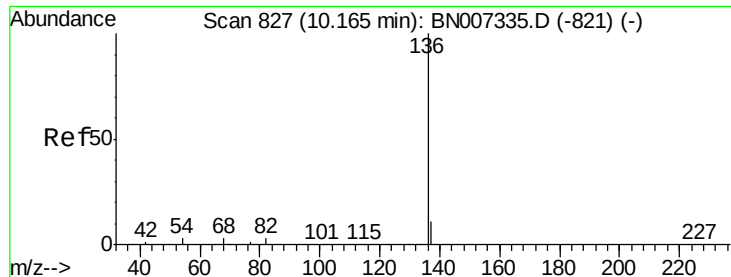


Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 24160

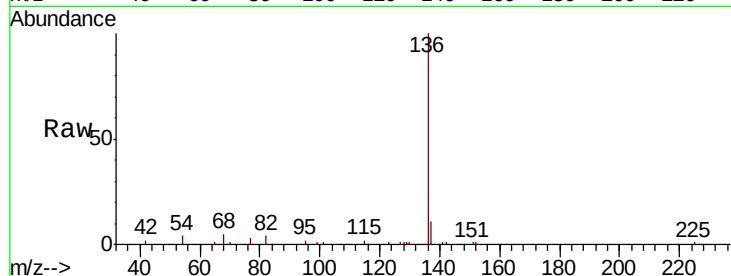
Ion Ratio Lower Upper

136 100

137 11.3 12.9 19.3#

54 3.7 8.6 12.8#

68 5.3 17.0 25.4#

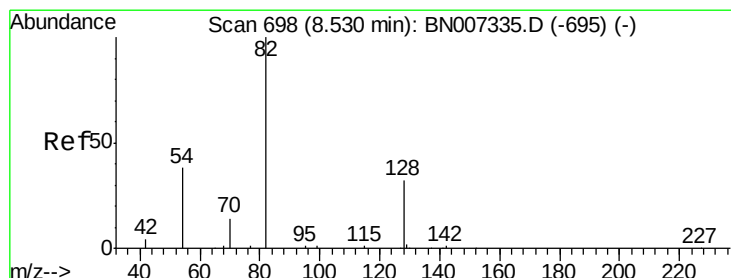
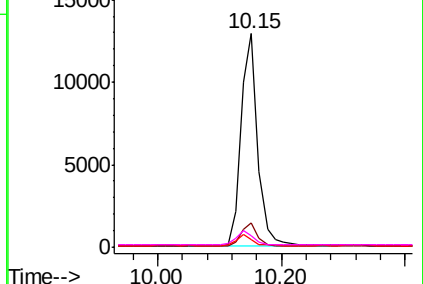
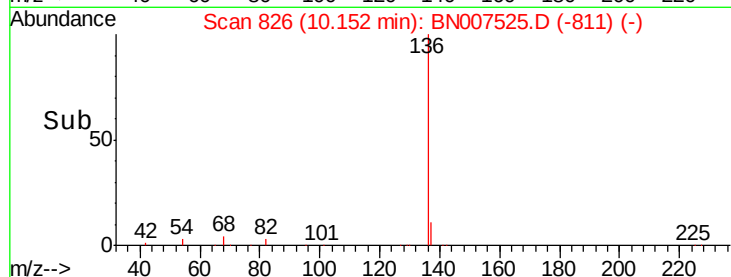


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.336 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

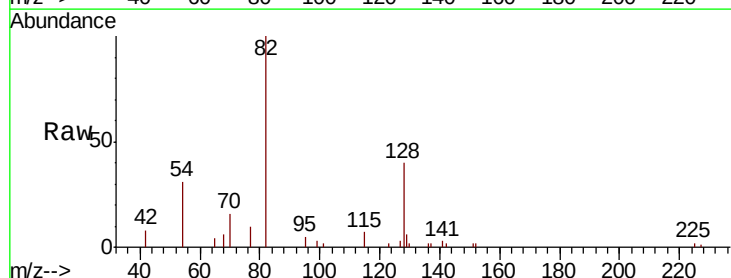
Tgt Ion: 82 Resp: 7068

Ion Ratio Lower Upper

82 100

128 40.0 19.7 29.5#

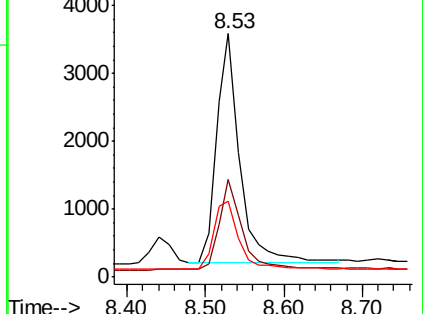
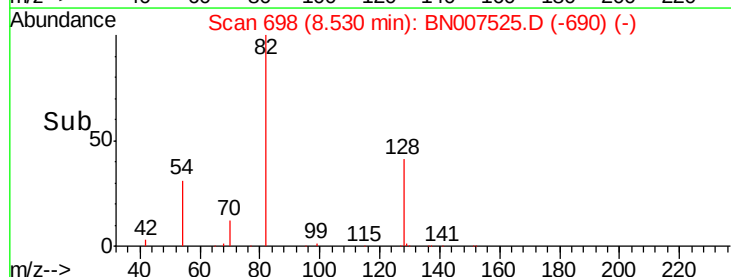
54 31.4 25.8 38.6

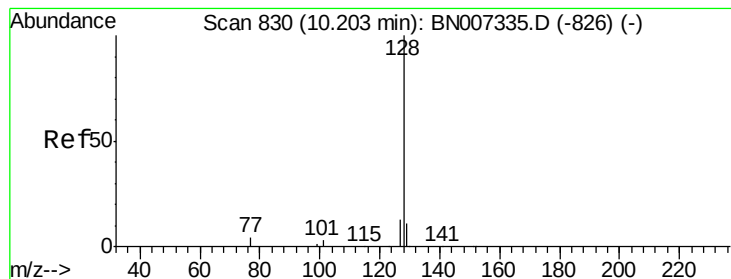


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.396 ng

RT: 10.19 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

Instrument :

BNA_N

ClientSampleId :

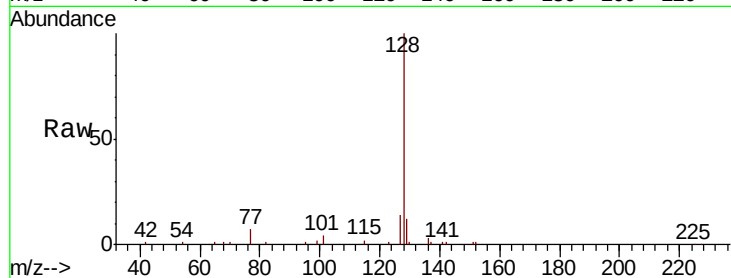
Tot Ion:128 Resp: 27308

Ion Ratio Lower Upper

128 100

129 11.5 11.1 16.7

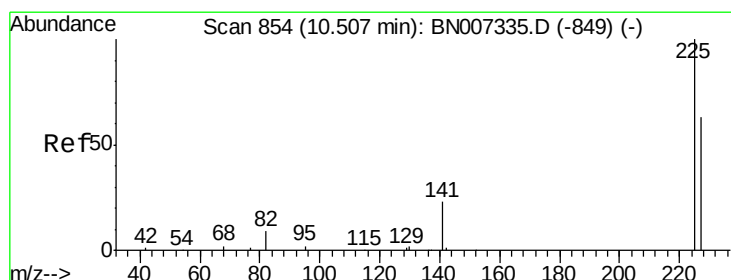
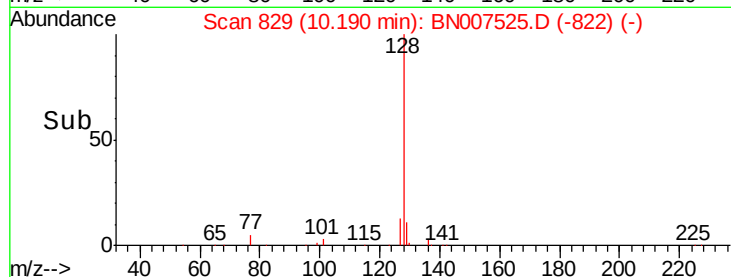
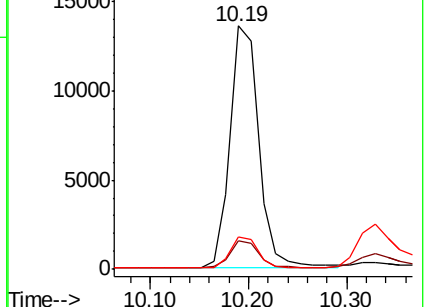
127 13.5 15.5 23.3#



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: 0.364 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

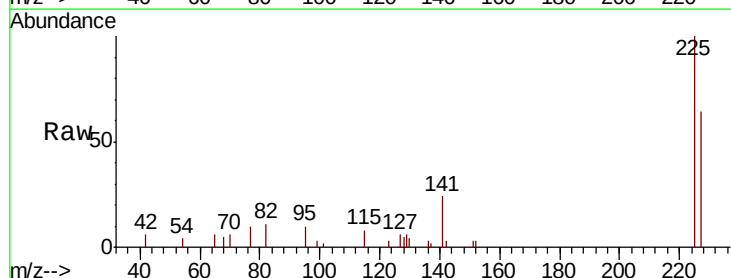
Tgt Ion:225 Resp: 5148

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

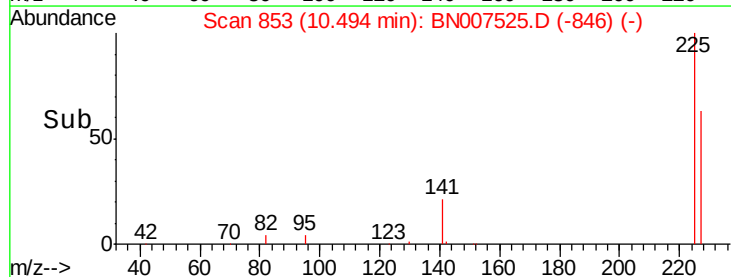
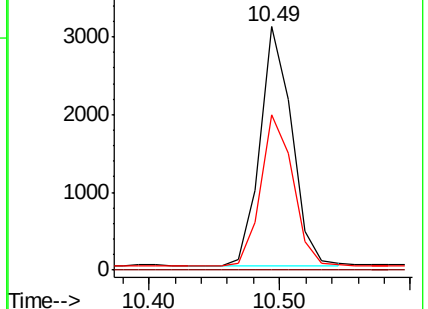
227 64.2 50.7 76.1

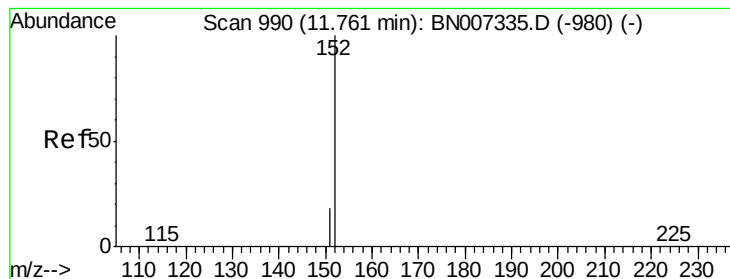


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.410 ng

RT: 11.75 min Scan# 987

Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

Instrument :

BNA_N

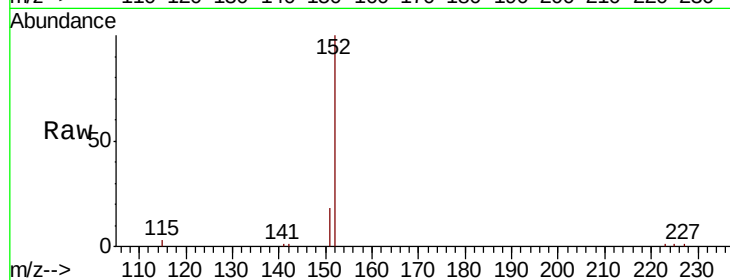
ClientSampleId :

Tot Ion:152 Resp: 16448

Ion Ratio Lower Upper

152 100

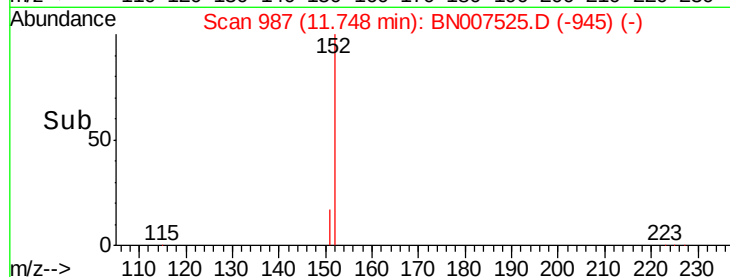
151 18.7 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.75



10000

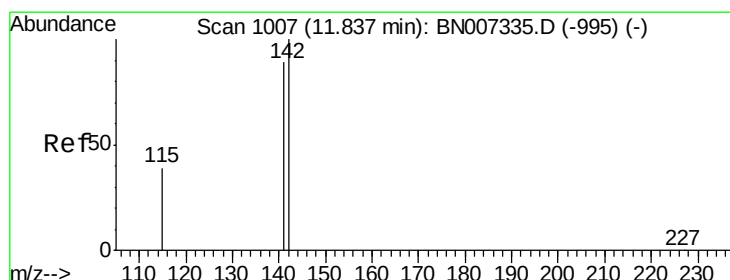
8000

6000

4000

2000

Time--> 11.60 11.80 12.00



#12

2-Methylnaphthalene

Concen: 0.415 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

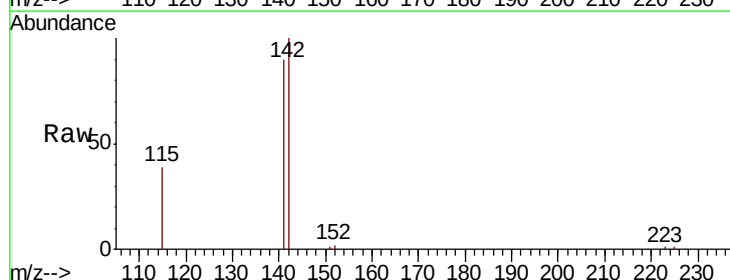
Tgt Ion:142 Resp: 19520

Ion Ratio Lower Upper

142 100

141 90.2 72.8 109.2

115 39.4 35.2 52.8

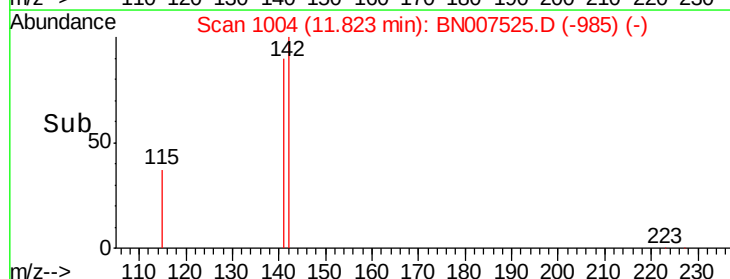


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.82

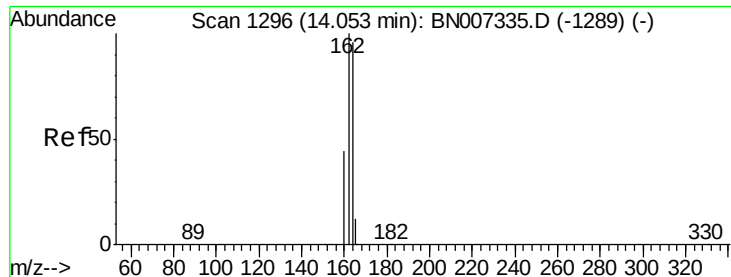


15000

10000

5000

Time--> 11.80 12.00



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

Instrument :

BNA_N

ClientSampleId :

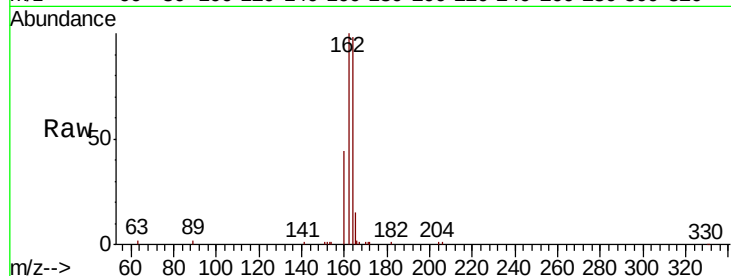
Tot Ion:164 Resp: 15240

Ion Ratio Lower Upper

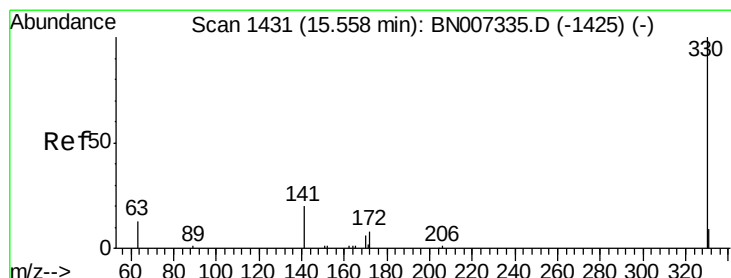
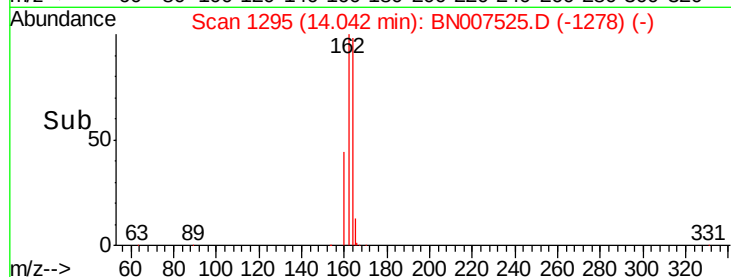
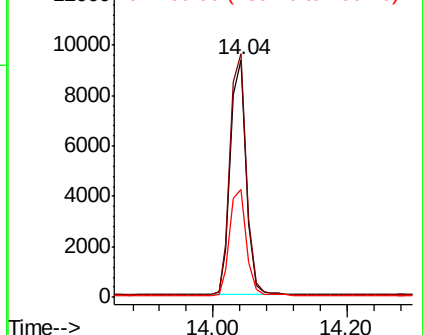
164 100

162 102.6 83.5 125.3

160 45.5 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: 0.352 ng

RT: 15.55 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

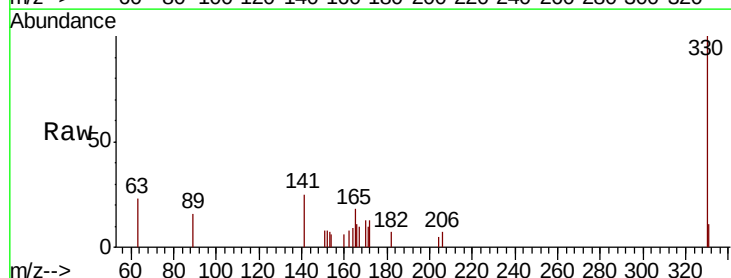
Tgt Ion:330 Resp: 2805

Ion Ratio Lower Upper

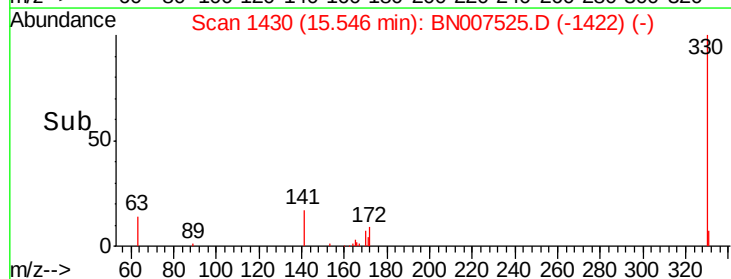
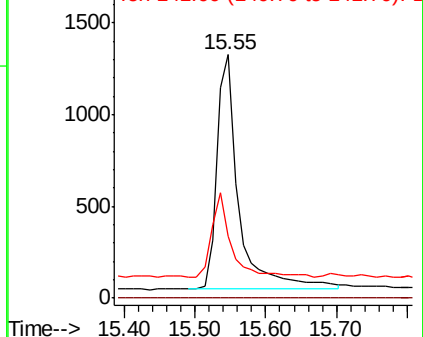
330 100

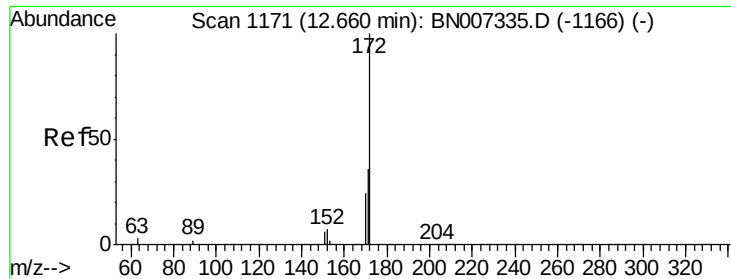
332 0.0 0.0 0.0

141 32.4 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

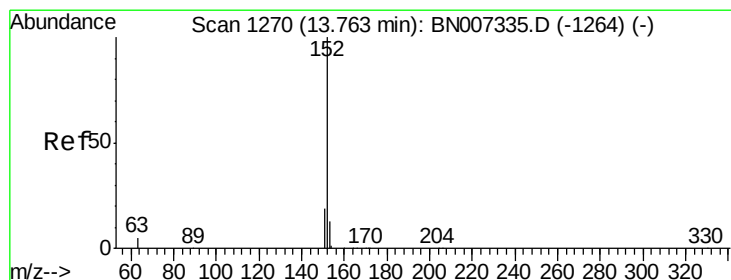
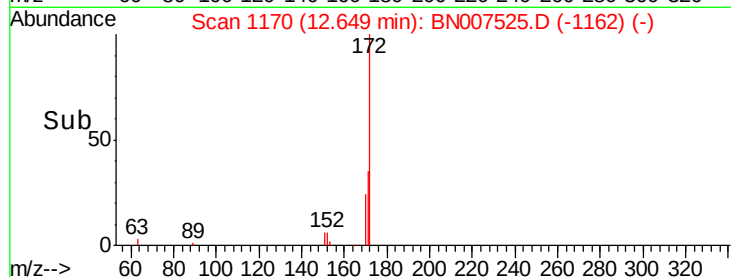
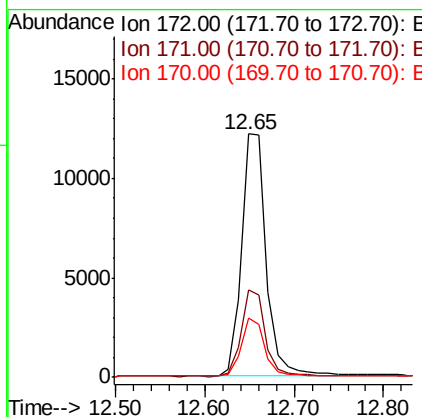
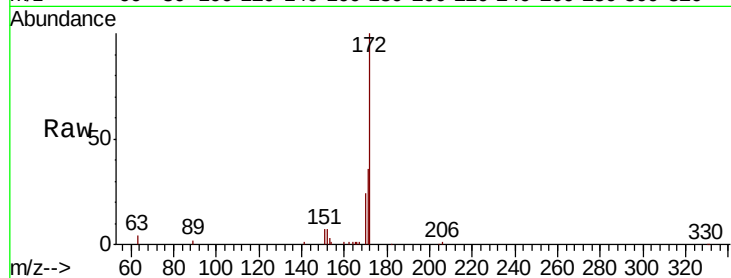




#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 12.65 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BN007525.D
Acq: 30 Aug 2019 16:01

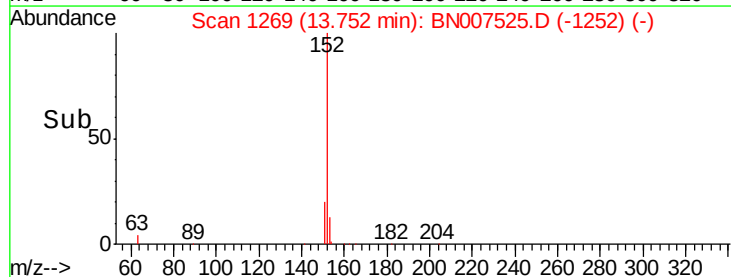
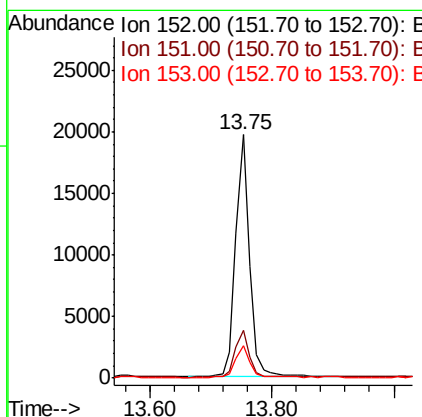
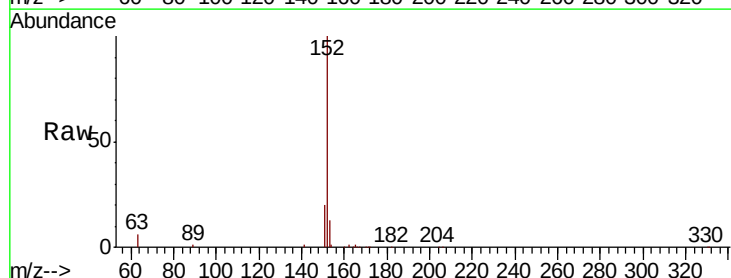
Instrument :
BNA_N
ClientSampleId :

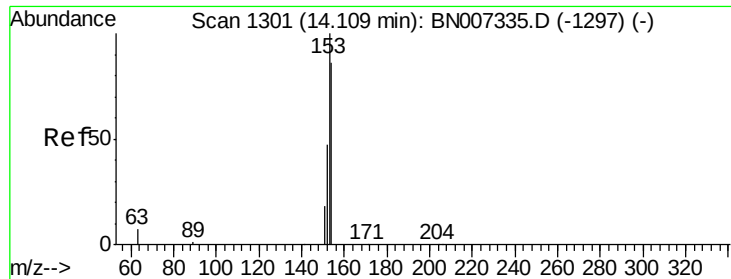
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.3	45.5
170	24.2	20.7	31.1



#16
Acenaphthylene
Concen: 0.344 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BN007525.D
Acq: 30 Aug 2019 16:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.4	10.6	15.8





#17

Acenaphthene

Concen: 0.385 ng

RT: 14.10 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

Instrument :

BNA_N

ClientSampleId :

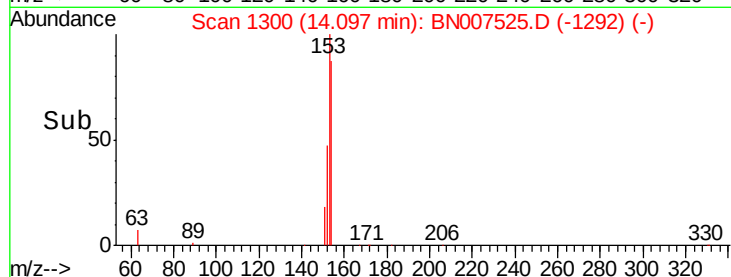
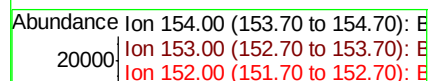
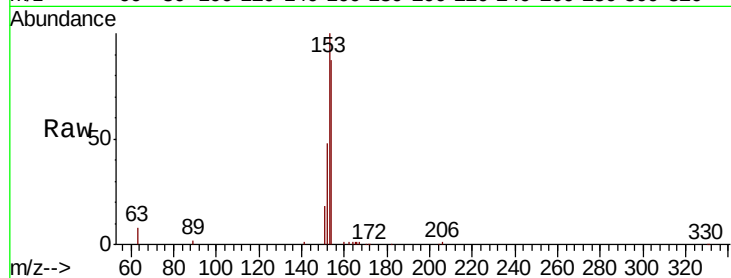
Tot Ion:154 Resp: 20317

Ion Ratio Lower Upper

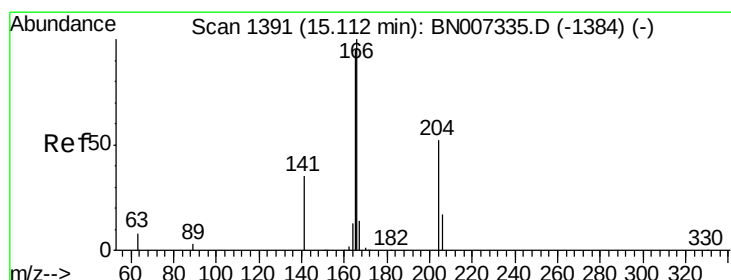
154 100

153 113.9 92.8 139.2

152 54.4 43.8 65.8



Time-->



#18

Fluorene

Concen: 0.404 ng

RT: 15.10 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

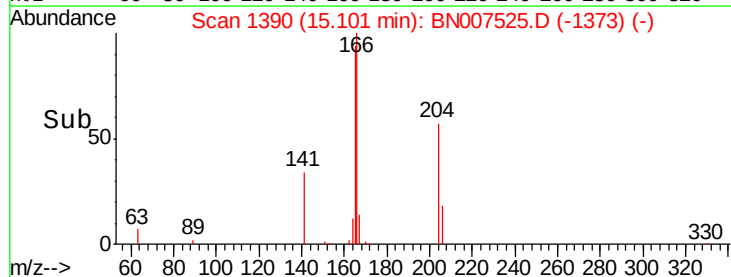
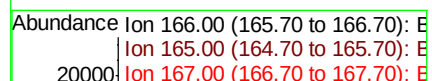
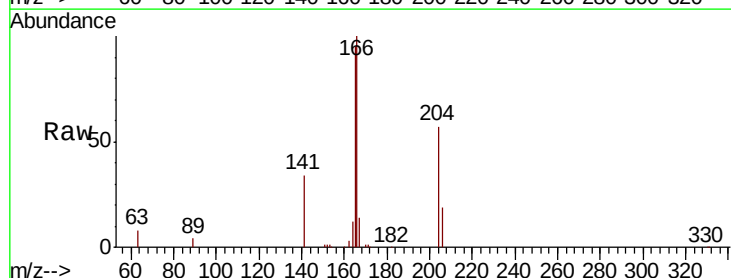
Tgt Ion:166 Resp: 26972

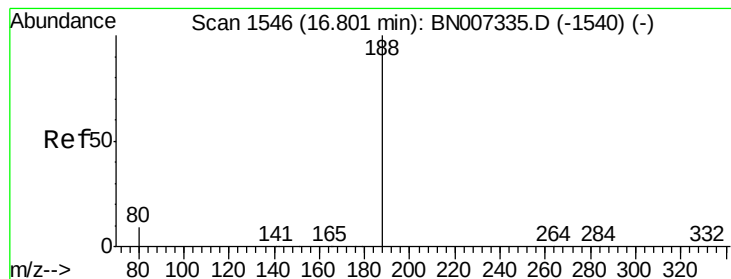
Ion Ratio Lower Upper

166 100

165 97.5 79.0 118.4

167 13.6 10.6 15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

Instrument :

BNA_N

ClientSampleId :

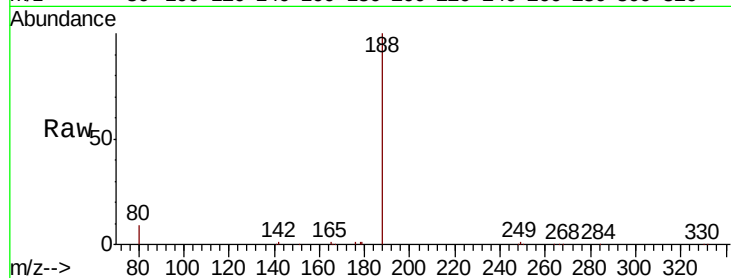
Tot Ion:188 Resp: 36801

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

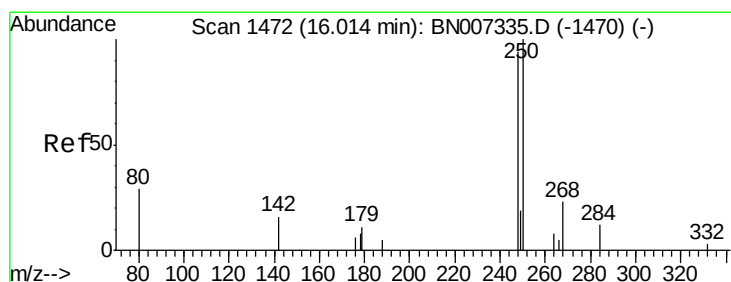
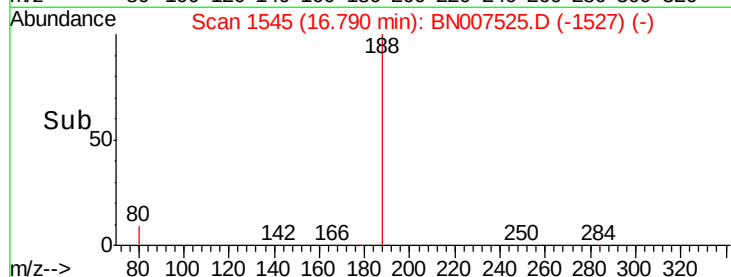
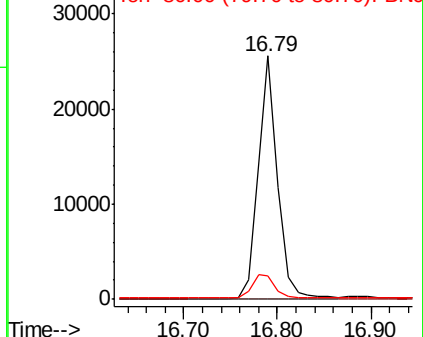
80 9.5 11.8 17.8#



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: 0.072 ng

RT: 16.01 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

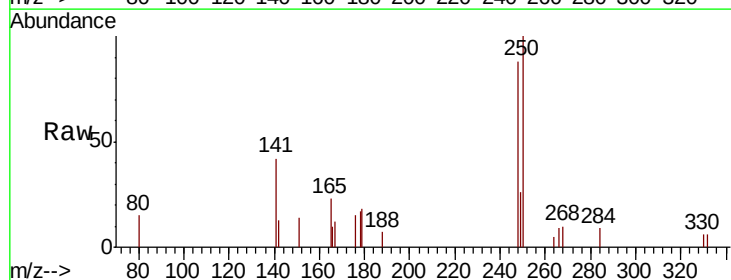
Tgt Ion:248 Resp: 1040

Ion Ratio Lower Upper

248 100

250 114.0 85.0 127.6

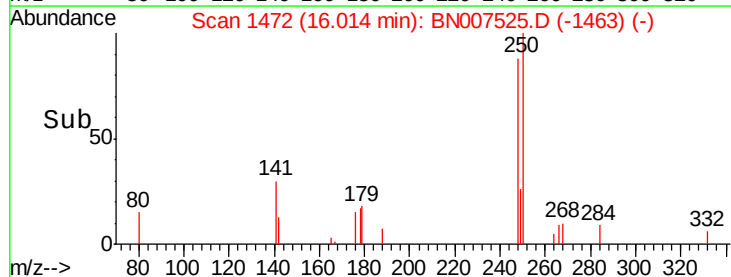
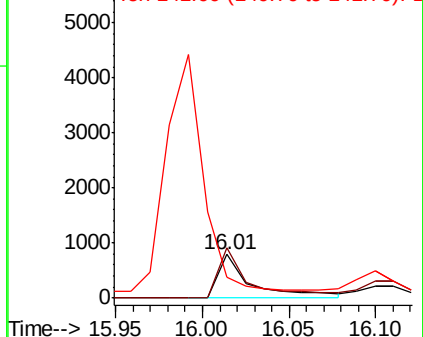
141 48.2 51.7 77.5#

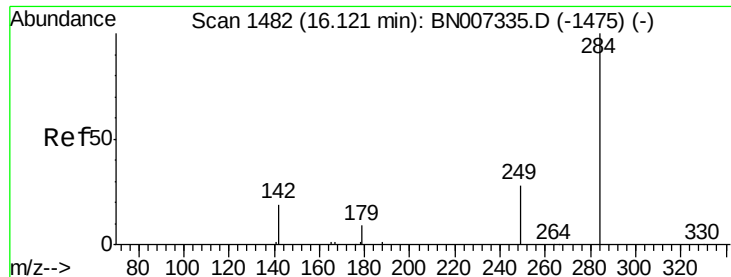


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

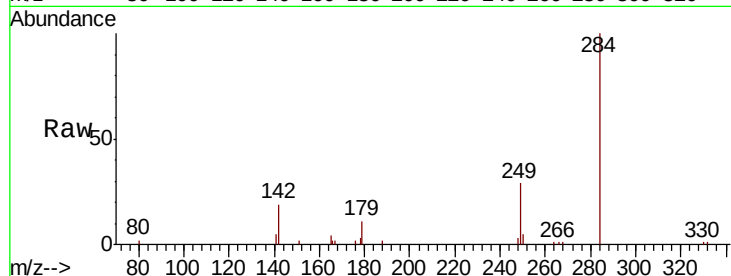




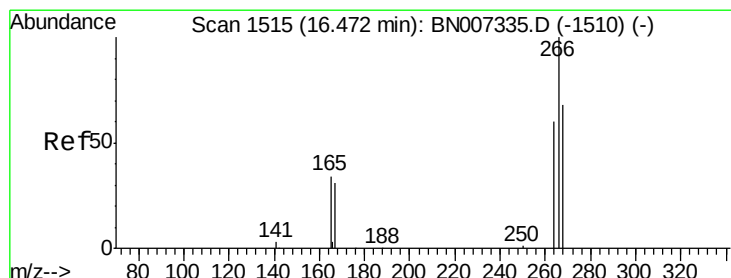
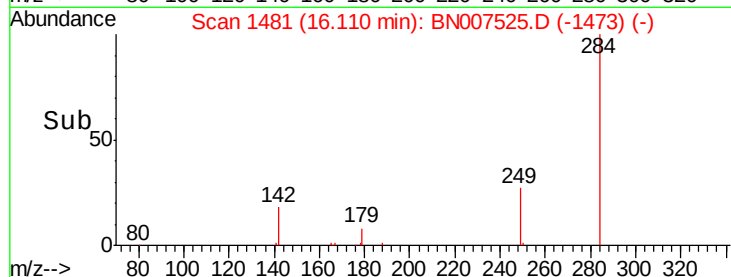
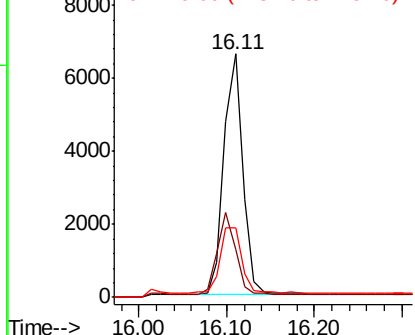
#21
Hexachlorobenzene
Concen: 0.397 ng
RT: 16.11 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BN007525.D
Acq: 30 Aug 2019 16:01

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 9801
Ion Ratio Lower Upper
284 100
142 32.4 29.0 43.6
249 31.3 24.9 37.3

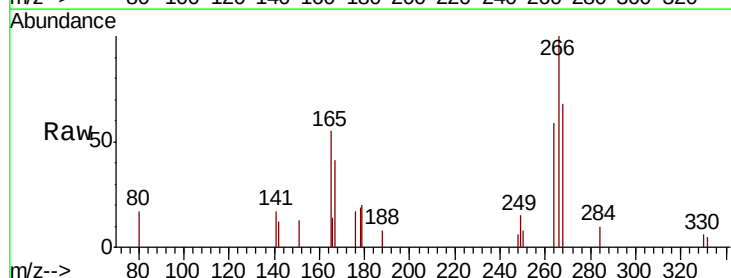


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

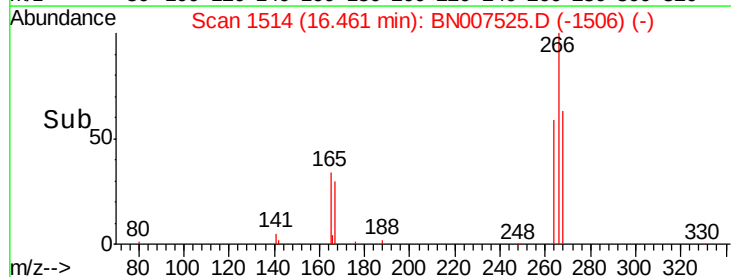
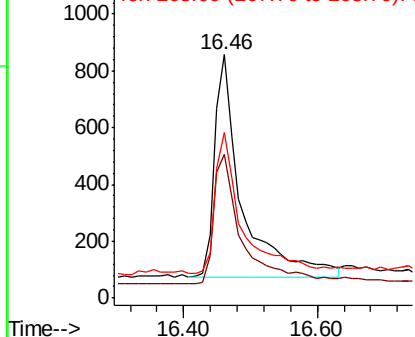


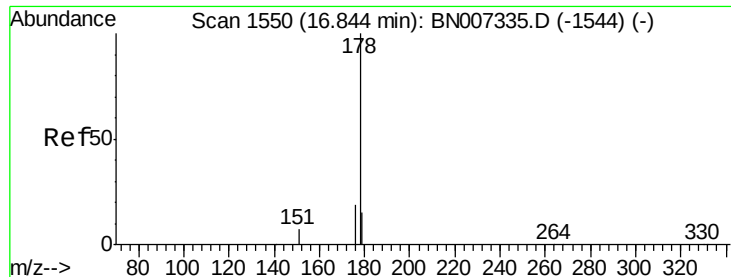
#22
Pentachlorophenol
Concen: 0.285 ng
RT: 16.46 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BN007525.D
Acq: 30 Aug 2019 16:01

Tgt Ion:266 Resp: 2186
Ion Ratio Lower Upper
266 100
264 58.8 57.8 86.8
268 67.8 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: 0.406 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

Instrument :

BNA_N

ClientSampleId :

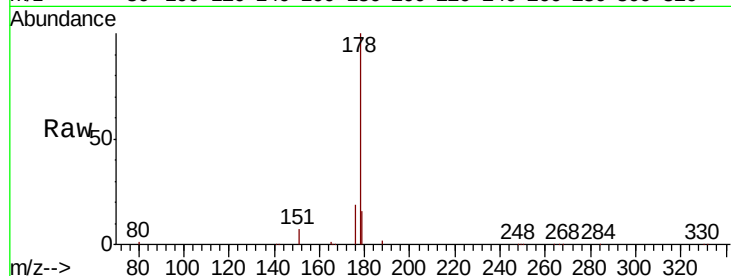
Tot Ion:178 Resp: 44979

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

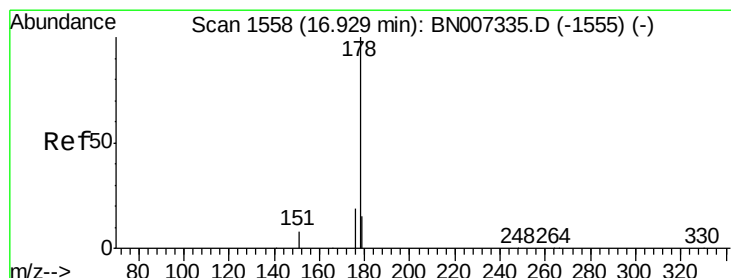
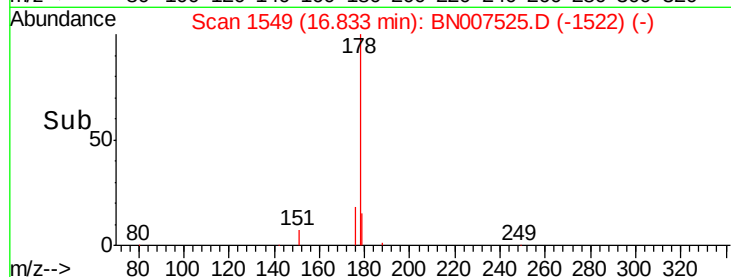
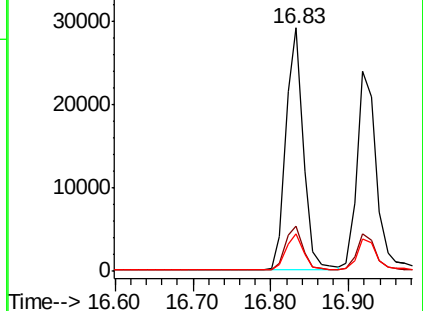
179 15.3 12.6 19.0



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: 0.369 ng

RT: 16.92 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

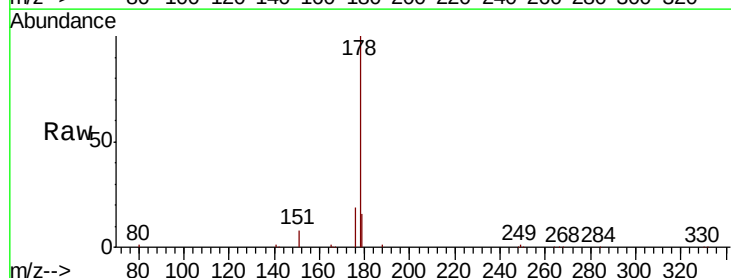
Tgt Ion:178 Resp: 41100

Ion Ratio Lower Upper

178 100

176 18.1 14.9 22.3

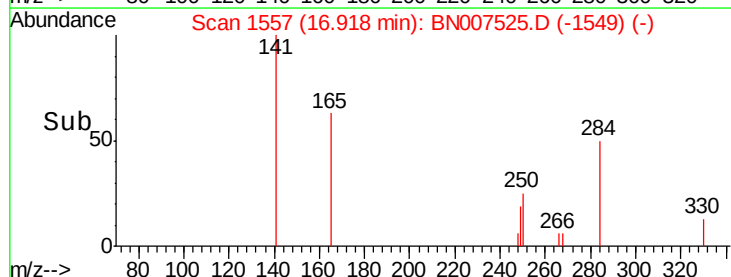
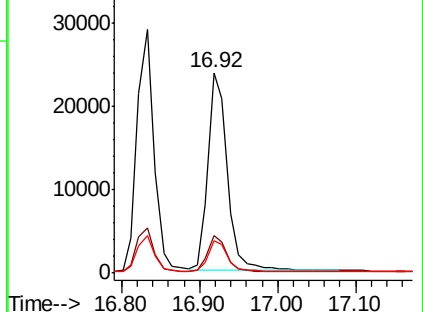
179 15.2 12.4 18.6

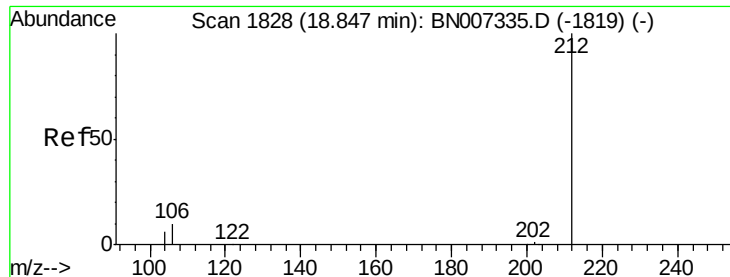


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.392 ng

RT: 18.84 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

Instrument :

BNA_N

ClientSampleId :

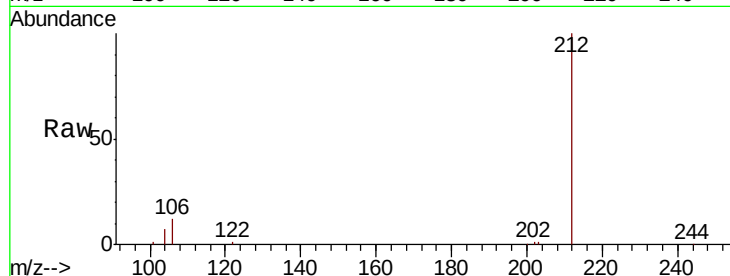
Tot Ion:212 Resp: 46476

Ion Ratio Lower Upper

212 100

106 12.7 9.0 13.4

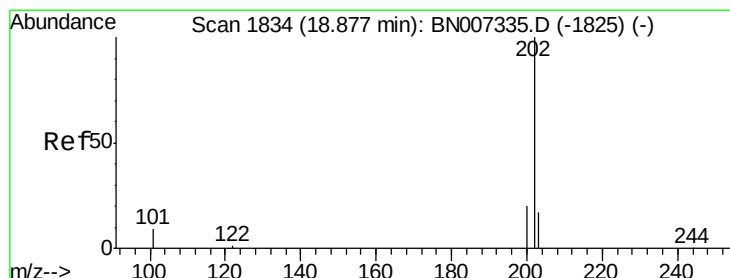
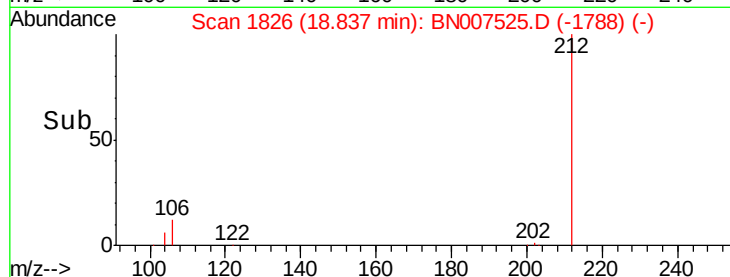
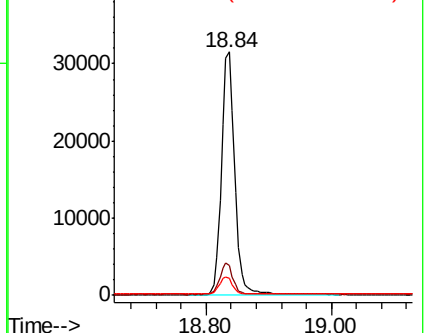
104 7.2 5.4 8.2



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: 0.402 ng

RT: 18.87 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

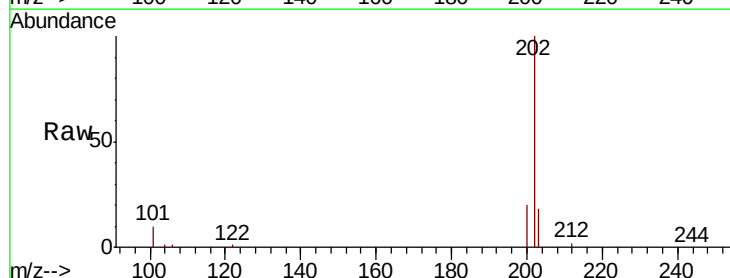
Tgt Ion:202 Resp: 57103

Ion Ratio Lower Upper

202 100

101 10.6 7.7 11.5

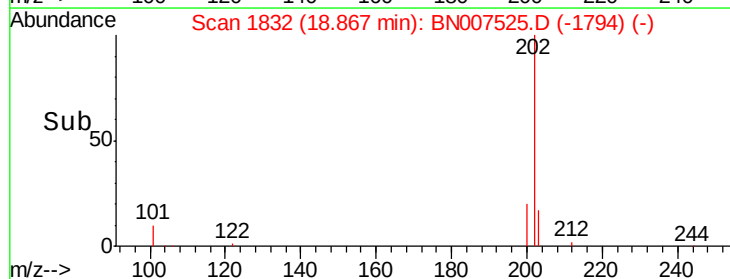
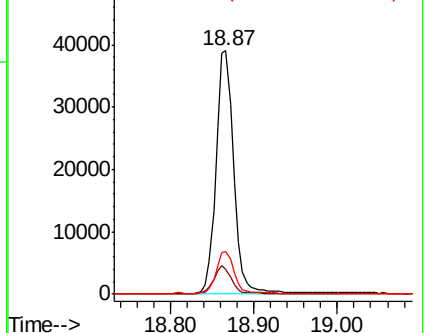
203 17.0 13.7 20.5

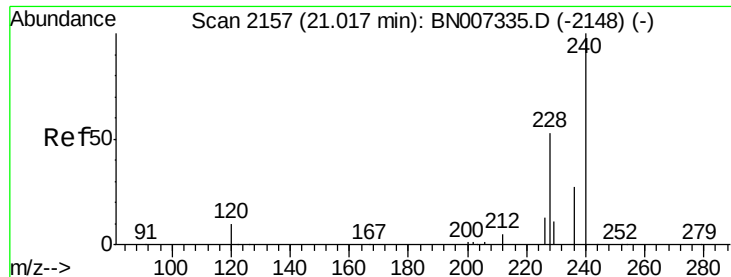


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.01 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

Instrument :

BNA_N

ClientSampleId :

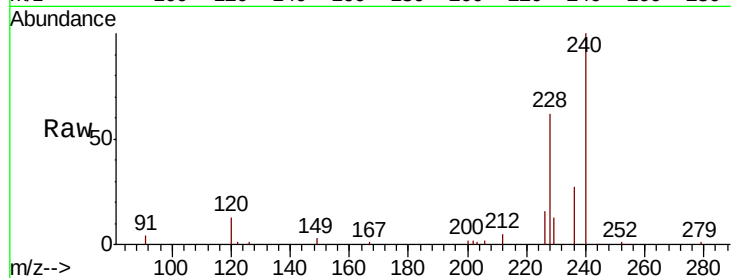
Tot Ion:240 Resp: 37327

Ion Ratio Lower Upper

240 100

120 12.7 9.6 14.4

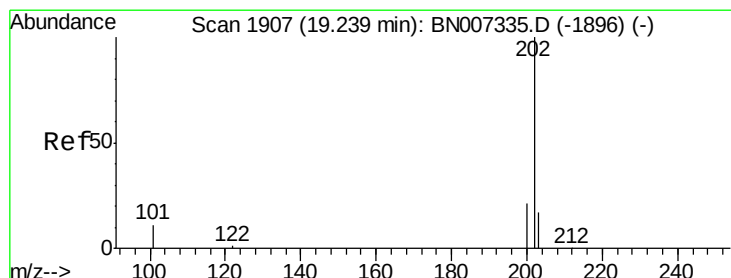
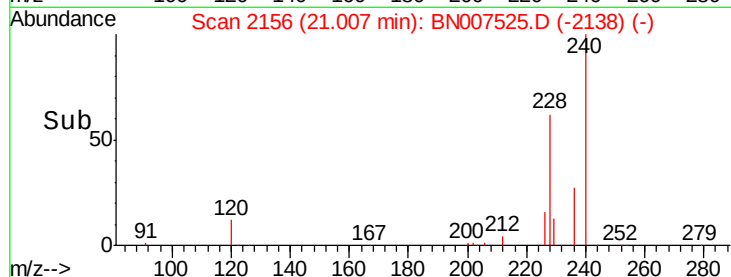
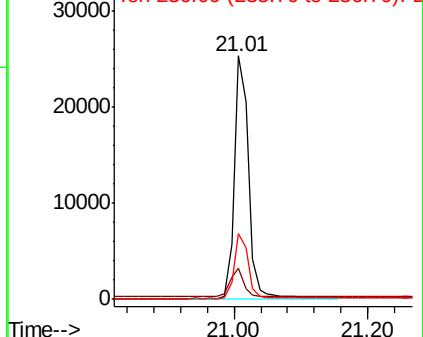
236 27.0 22.2 33.2



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: 0.392 ng

RT: 19.23 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

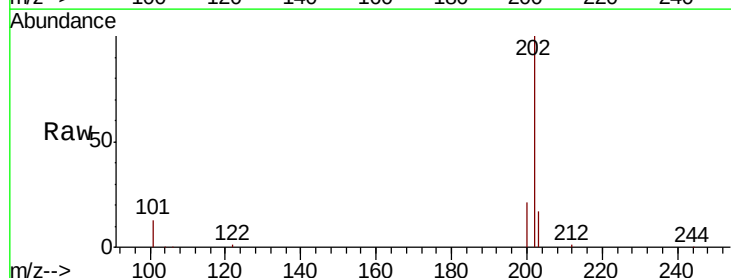
Tgt Ion:202 Resp: 58830

Ion Ratio Lower Upper

202 100

200 20.3 16.6 25.0

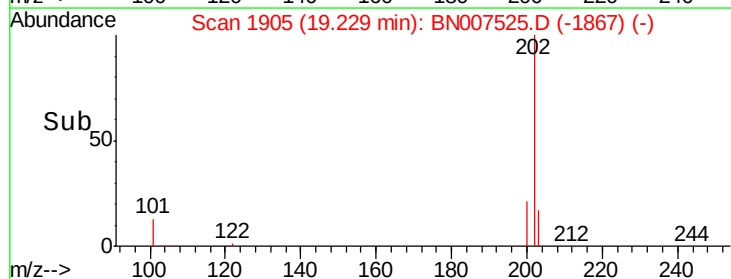
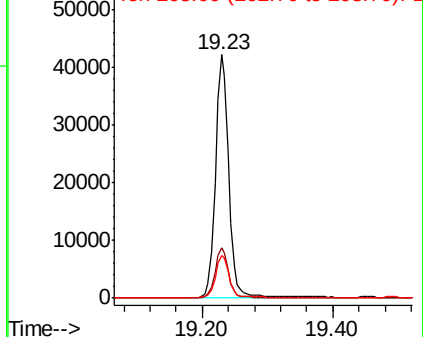
203 17.5 14.2 21.4

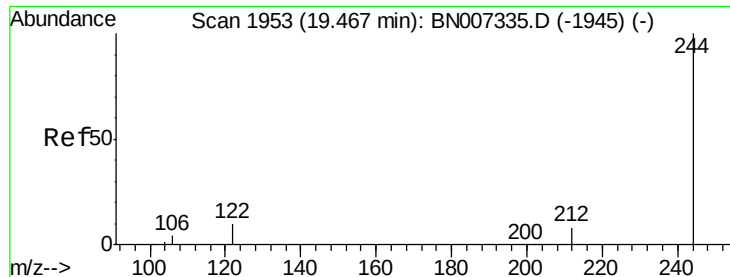


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.390 ng

RT: 19.45 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

Instrument :

BNA_N

ClientSampleId :

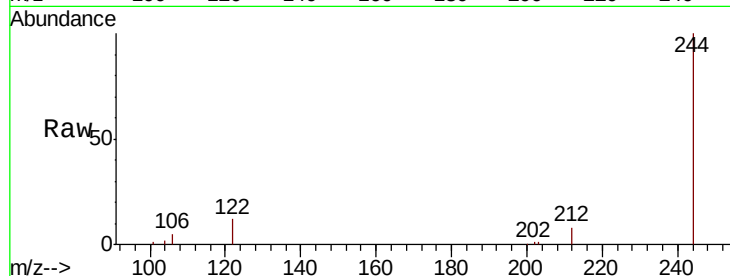
Tot Ion:244 Resp: 38102

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.6

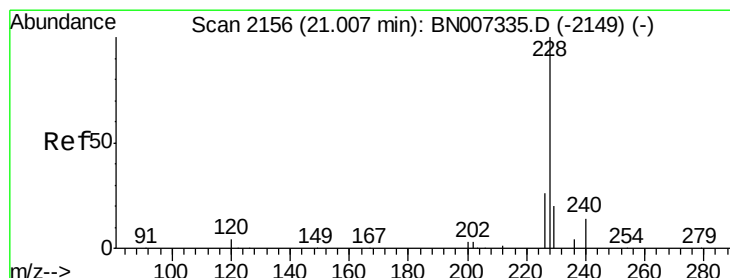
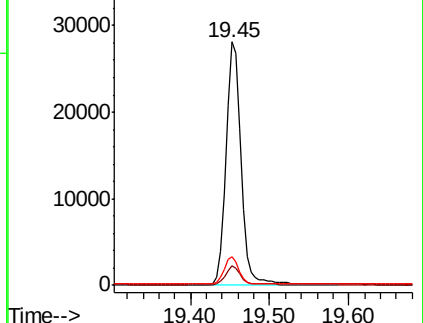
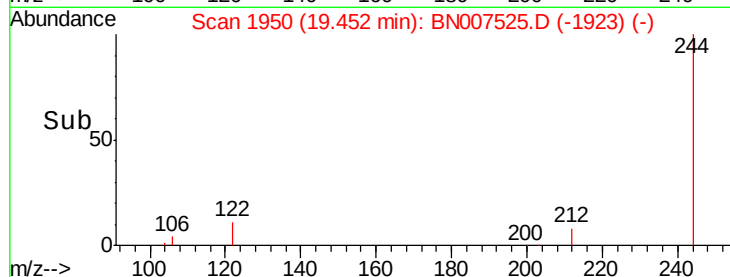
122 11.9 9.6 14.4



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: 0.372 ng

RT: 21.00 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

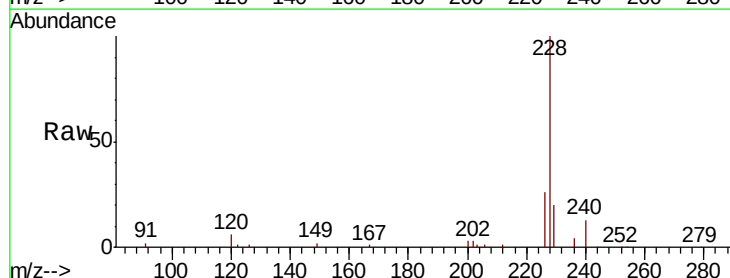
Tgt Ion:228 Resp: 54549

Ion Ratio Lower Upper

228 100

226 25.9 21.3 31.9

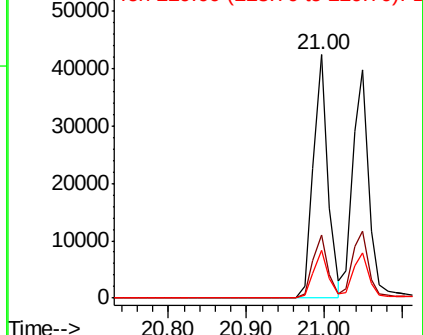
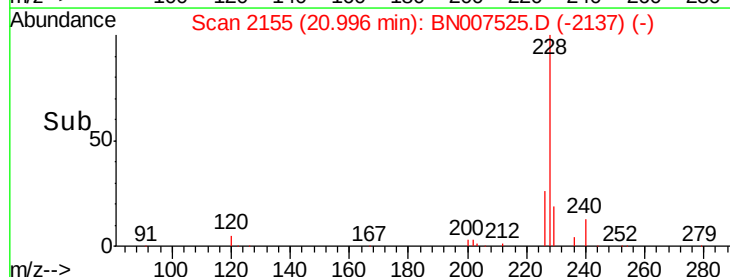
229 19.7 16.1 24.1

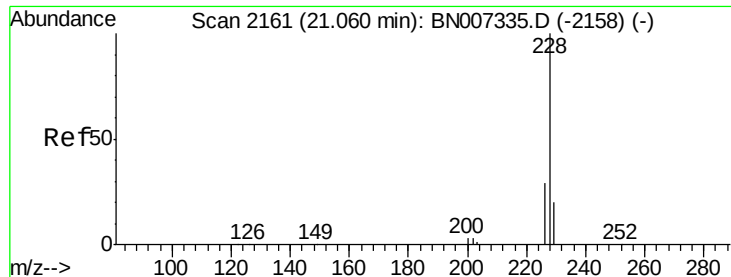


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.397 ng

RT: 21.05 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

Instrument :

BNA_N

ClientSampleId :

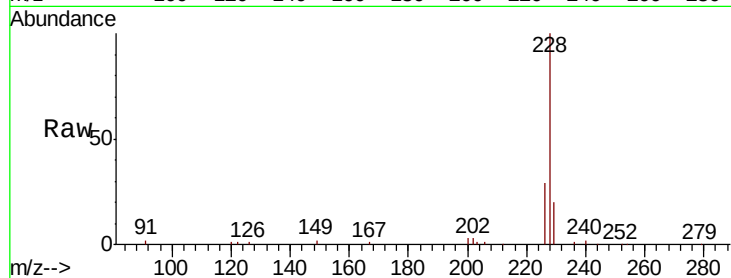
Tot Ion:228 Resp: 56115

Ion Ratio Lower Upper

228 100

226 29.1 23.5 35.3

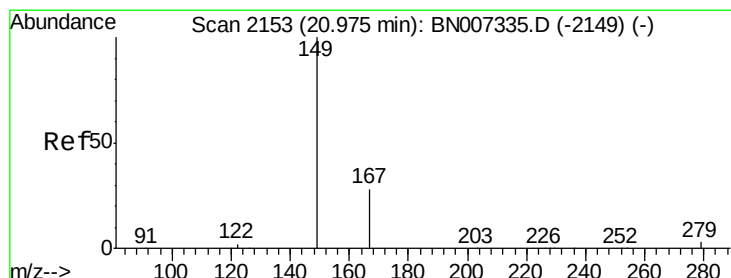
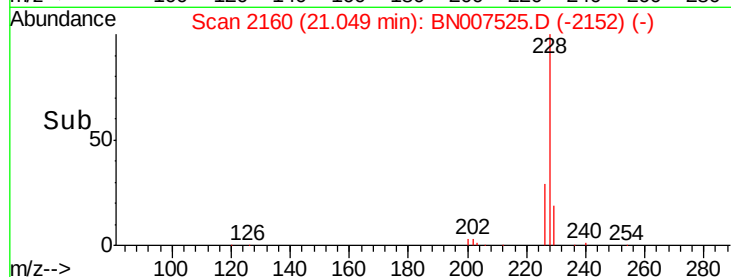
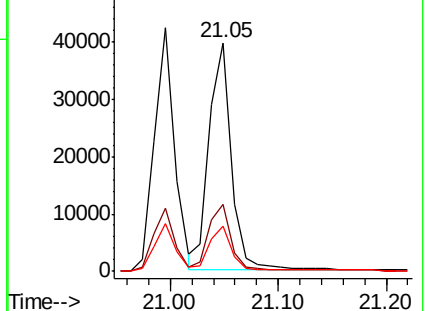
229 19.9 16.6 24.8



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: 0.317 ng

RT: 20.96 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

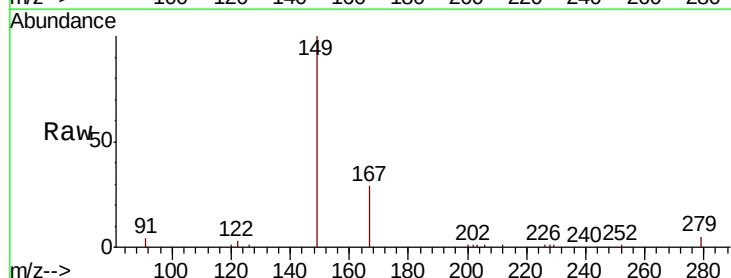
Tgt Ion:149 Resp: 31864

Ion Ratio Lower Upper

149 100

167 27.9 22.8 34.2

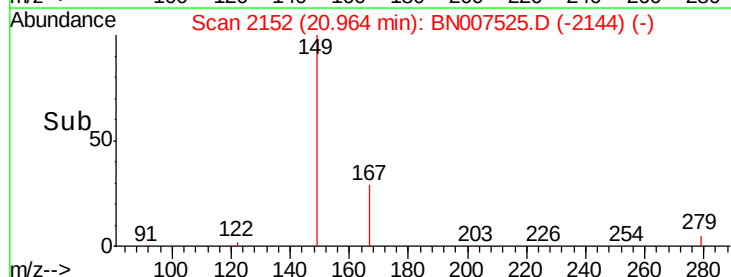
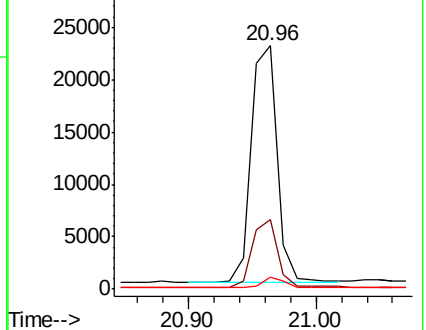
279 4.1 3.5 5.3

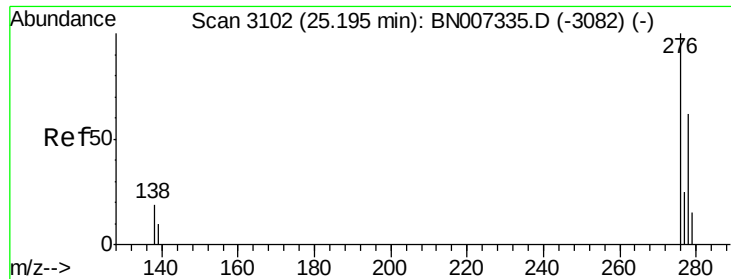


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.319 ng

RT: 25.17 min Scan# 3095

Delta R.T. -0.02 min

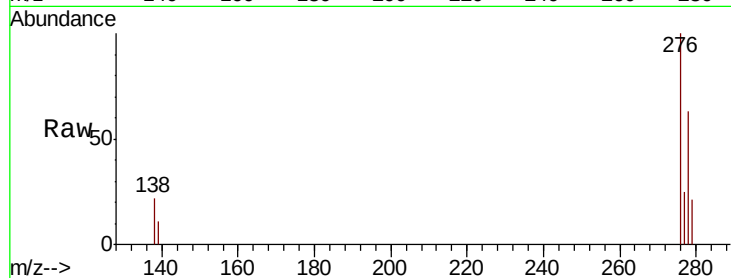
Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

Instrument :

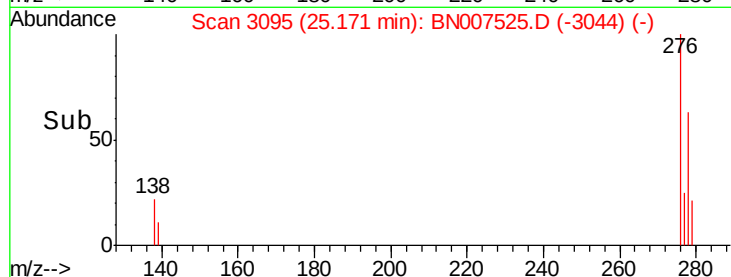
BNA_N

ClientSampleId :



Tot Ion:276 Resp: 54396

Ion	Ratio	Lower	Upper
276	100		
138	21.6	15.1	22.7
277	23.9	19.7	29.5

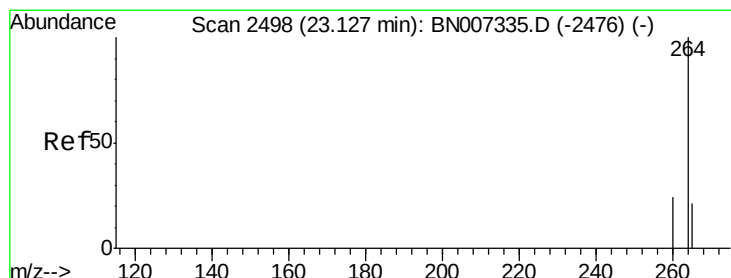
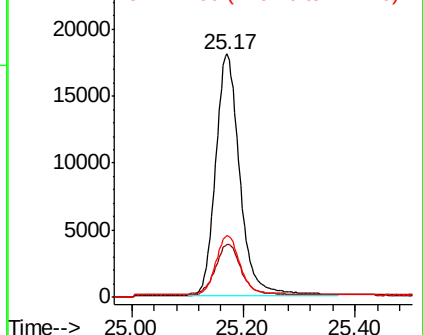


Abundance

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: 23.11 min Scan# 2493

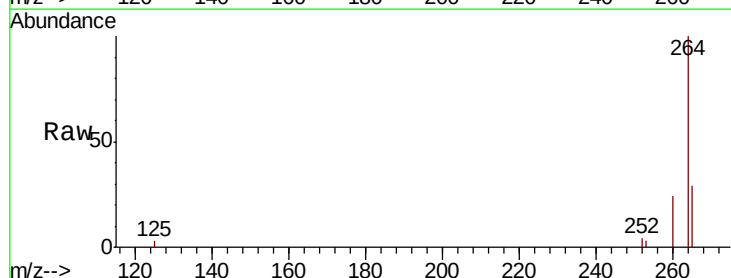
Delta R.T. -0.02 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

Tgt Ion:264 Resp: 35793

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	29.4	29.9	44.9#

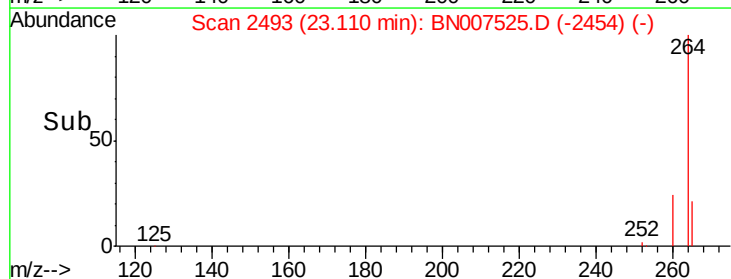
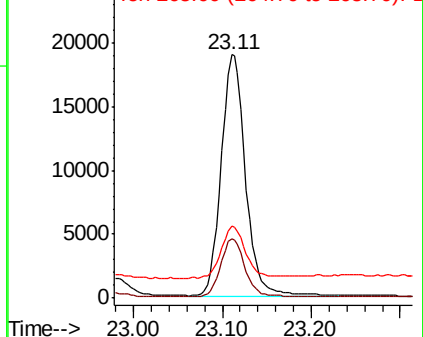


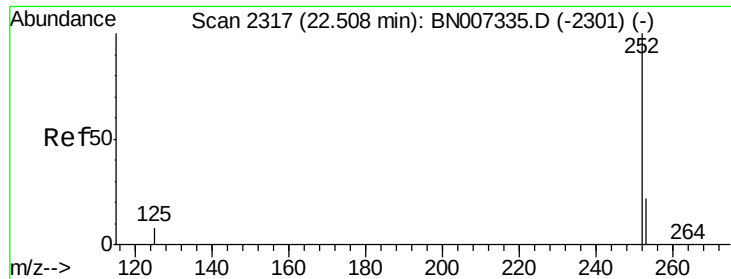
Abundance

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

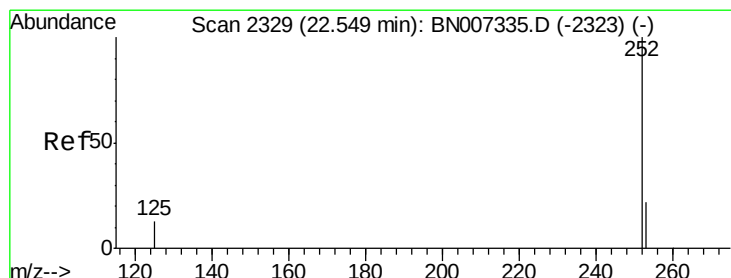
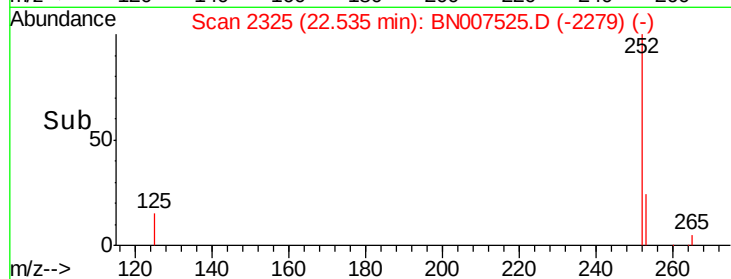
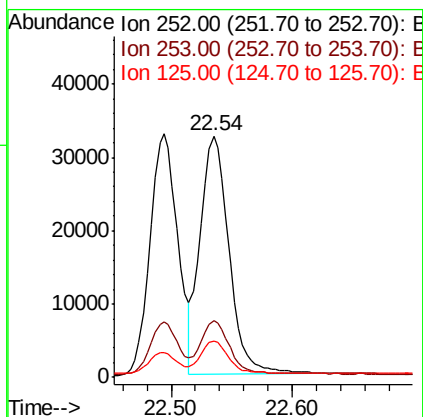
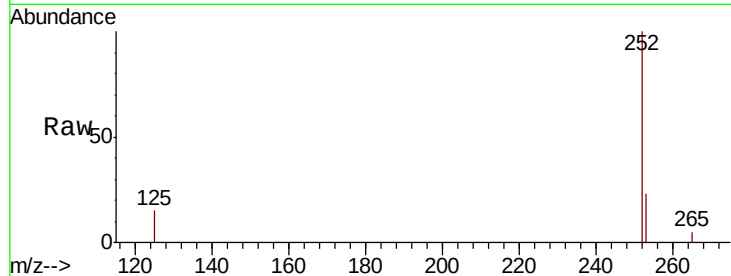




#35
Benzo(b)fluoranthene
Concen: 0.417 ng
RT: 22.54 min Scan# 2325
Delta R.T. 0.03 min
Lab File: BN007525.D
Acq: 30 Aug 2019 16:01

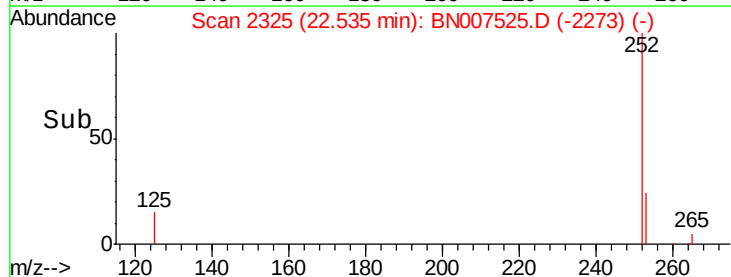
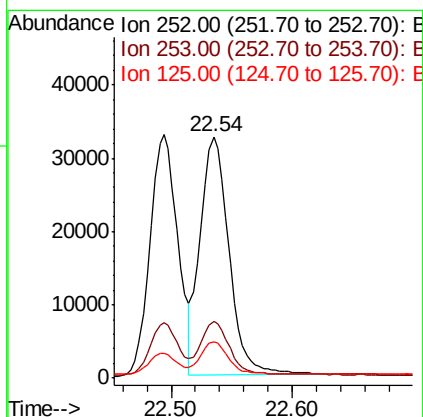
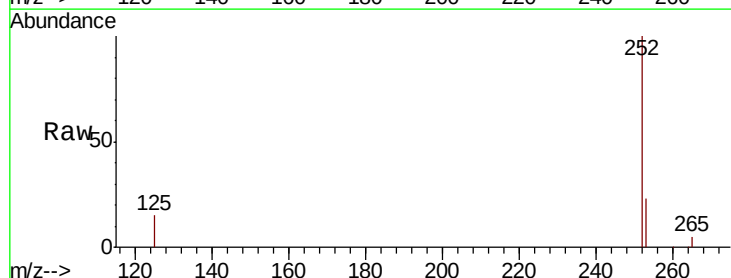
Instrument :
BNA_N
ClientSampleId :

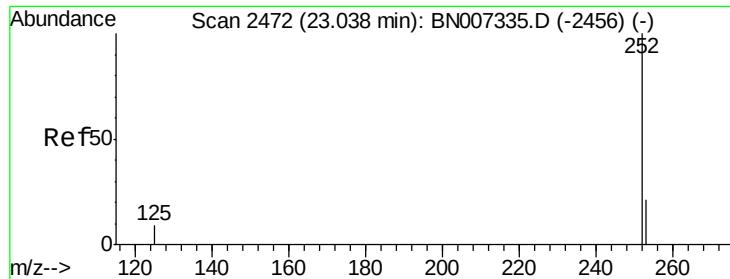
Tot Ion:252 Resp: 54118
Ion Ratio Lower Upper
252 100
253 23.5 19.2 28.8
125 15.3 10.6 16.0



#36
Benzo(k)fluoranthene
Concen: 0.422 ng
RT: 22.54 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BN007525.D
Acq: 30 Aug 2019 16:01

Tgt Ion:252 Resp: 54118
Ion Ratio Lower Upper
252 100
253 23.5 19.4 29.2
125 15.3 13.1 19.7





#37

Benzo(a)pyrene

Concen: 0.383 ng

RT: 23.02 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

Instrument :

BNA_N

ClientSampleId :

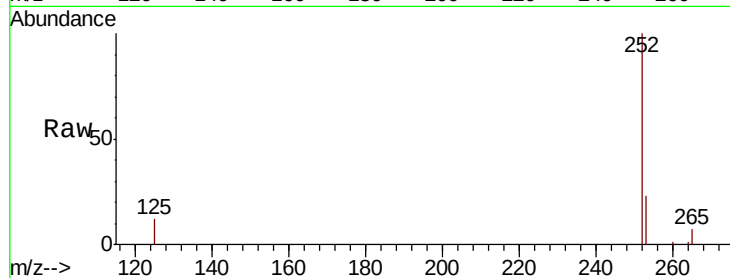
Tot Ion:252 Resp: 47227

Ion Ratio Lower Upper

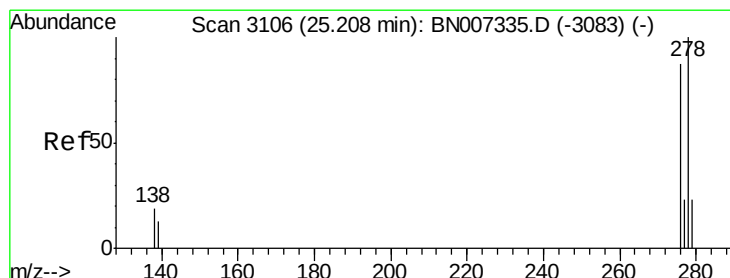
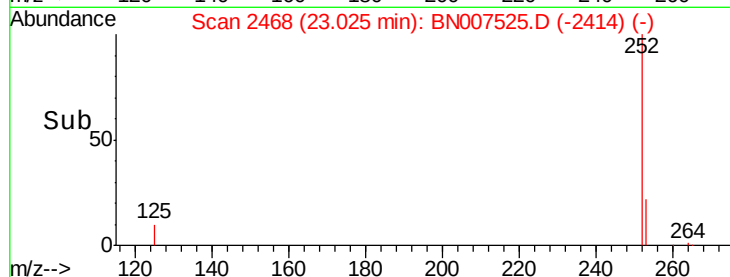
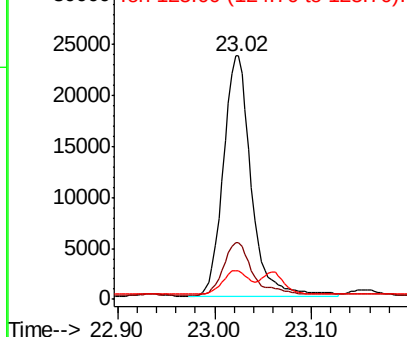
252 100

253 23.5 19.5 29.3

125 11.7 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: 0.355 ng

RT: 25.18 min Scan# 3098

Delta R.T. -0.03 min

Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

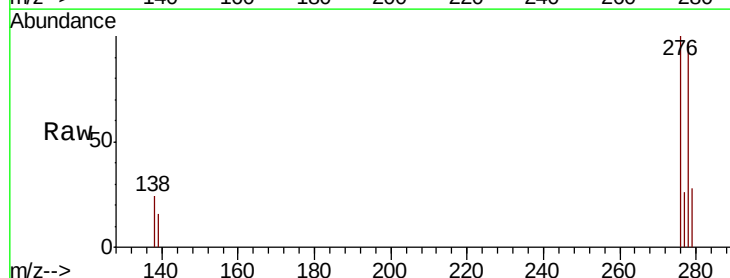
Tgt Ion:278 Resp: 43770

Ion Ratio Lower Upper

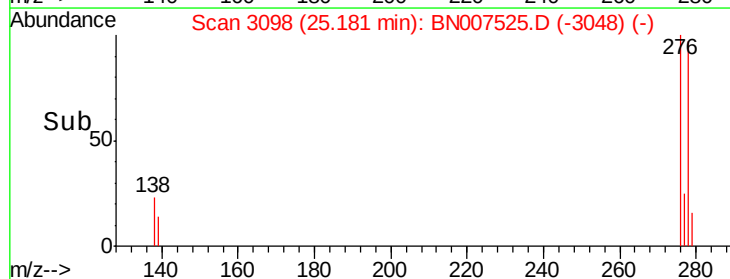
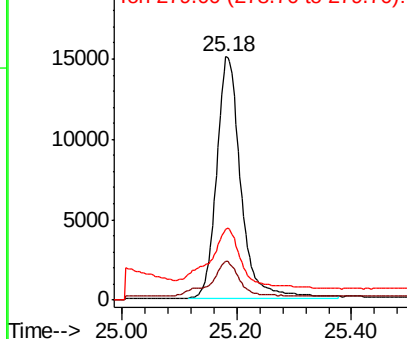
278 100

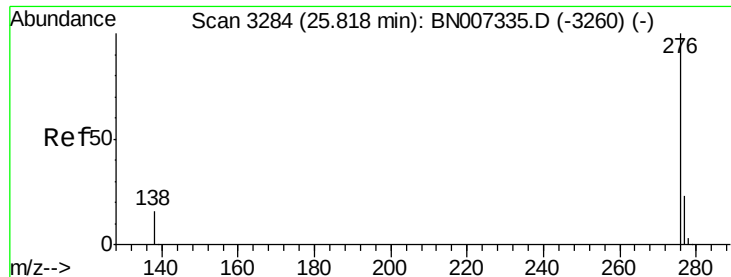
139 16.1 13.7 20.5

279 29.1 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: 0.359 ng

RT: 25.79 min Scan# 3276

Delta R.T. -0.03 min

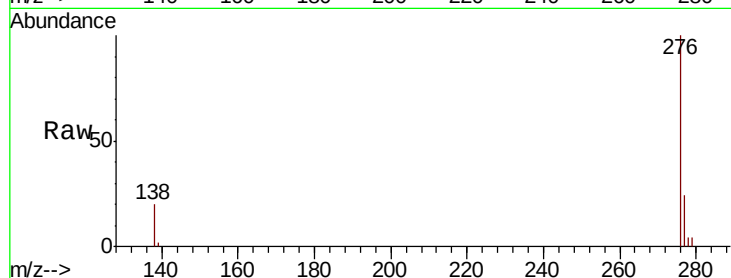
Lab File: BN007525.D

Acq: 30 Aug 2019 16:01

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 44055

Ion Ratio Lower Upper

276 100

277 24.5 19.6 29.4

138 20.1 16.3 24.5

