

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090619\
 Data File : BN007545.D
 Acq On : 06 Sep 2019 17:00
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Sep 06 18:24:16 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	5759	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	23226	0.40	ng	-0.01
13) Acenaphthene-d10	14.04	164	12266	0.40	ng	-0.01
19) Phenanthrene-d10	16.79	188	27136	0.40	ng	-0.01
27) Chrysene-d12	21.01	240	26637	0.40	ng	-0.01
34) Perylene-d12	23.11	264	29931	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	7178	0.36	ng	-0.02
5) Phenol-d6	6.58	99	8483	0.33	ng	0.00
8) Nitrobenzene-d5	8.53	82	7418	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	14315	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1941	0.30	ng	-0.01
15) 2-Fluorobiphenyl	12.65	172	20567	0.42	ng	-0.01
25) Fluoranthene-d10	18.84	212	32024	0.37	ng	0.00
29) Terphenyl-d14	19.45	244	27767	0.40	ng	-0.01

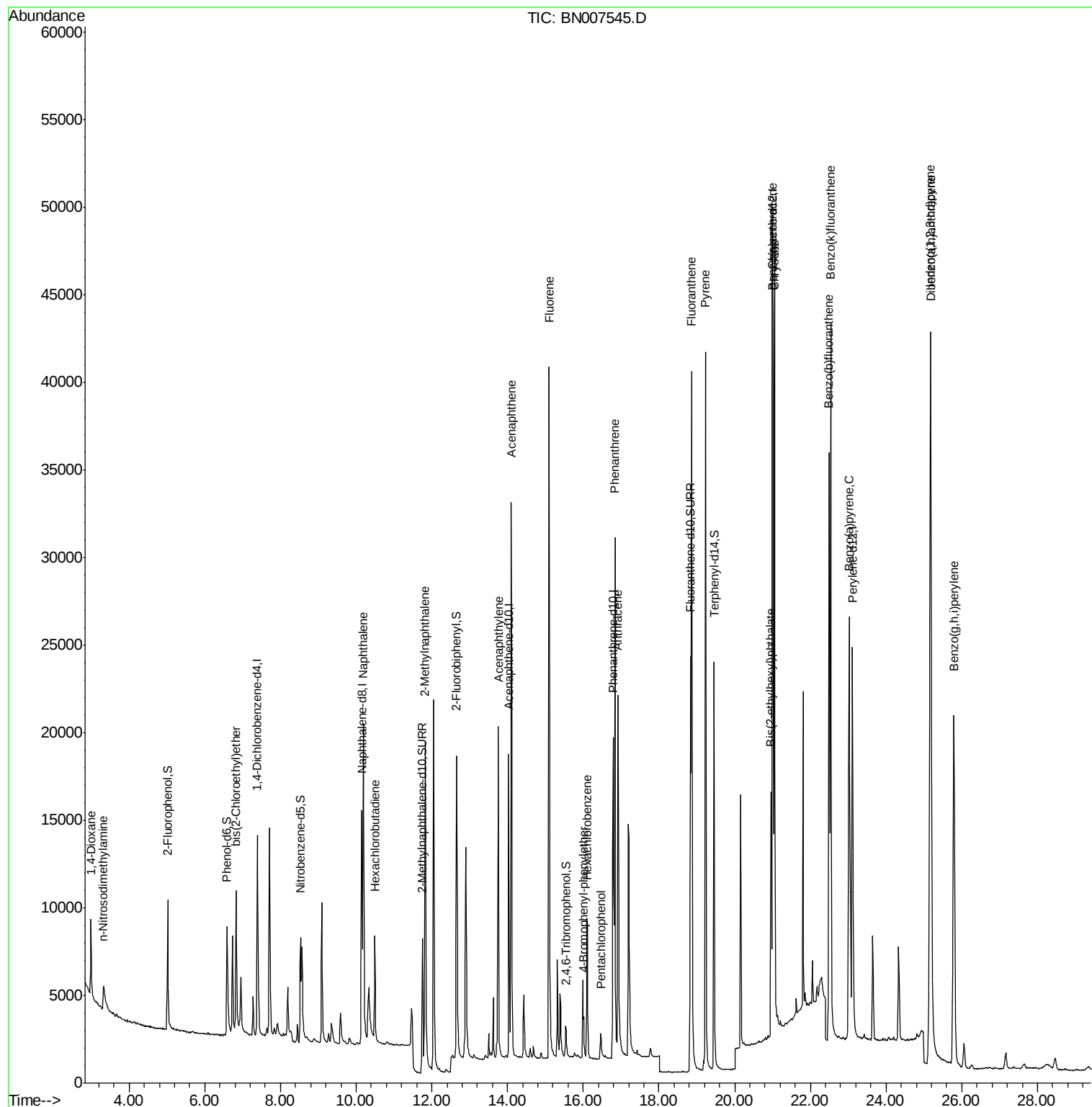
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.00	88	4275	0.447	ng	# 82
3) n-Nitrosodimethylamine	3.33	42	1274	0.287	ng	# 77
6) bis(2-Chloroethyl)ether	6.83	93	7890	0.379	ng	99
9) Naphthalene	10.19	128	26575	0.400	ng	# 90
10) Hexachlorobutadiene	10.49	225	4895	0.360	ng	# 97
12) 2-Methylnaphthalene	11.82	142	17298	0.383	ng	95
16) Acenaphthylene	13.75	152	23750	0.327	ng	99
17) Acenaphthene	14.10	154	16823	0.396	ng	98
18) Fluorene	15.10	166	21254	0.396	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	1177	0.110	ng	90
21) Hexachlorobenzene	16.11	284	7379	0.406	ng	97
22) Pentachlorophenol	16.46	266	1375	0.243	ng	# 64
23) Phenanthrene	16.83	178	34605	0.424	ng	99
24) Anthracene	16.92	178	29374	0.358	ng	99
26) Fluoranthene	18.87	202	40838	0.390	ng	99
28) Pyrene	19.23	202	41790	0.390	ng	99
30) Benzo(a)anthracene	21.00	228	36014	0.344	ng	99
31) Chrysene	21.05	228	42720	0.423	ng	99
32) Bis(2-ethylhexyl)phthalate	20.95	149	15936	0.216	ng	98
33) Indeno(1,2,3-cd)pyrene	25.17	276	52993	0.436	ng	# 95
35) Benzo(b)fluoranthene	22.49	252	41631	0.384	ng	96
36) Benzo(k)fluoranthene	22.54	252	48210	0.450	ng	# 95
37) Benzo(a)pyrene	23.02	252	39374	0.382	ng	96
38) Dibenzo(a,h)anthracene	25.18	278	42241	0.410	ng	97
39) Benzo(g,h,i)perylene	25.79	276	42985	0.419	ng	99

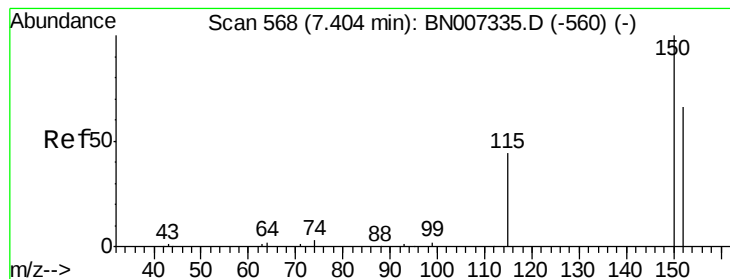
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 29 12:18:45 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 566

Delta R.T. -0.02 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

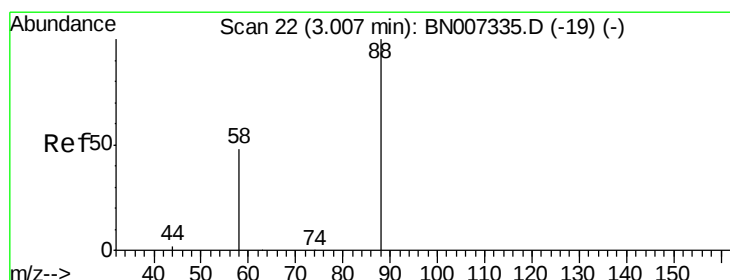
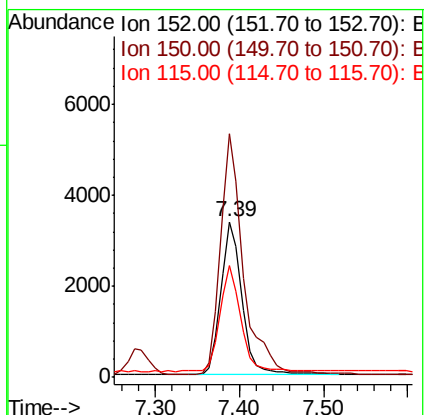
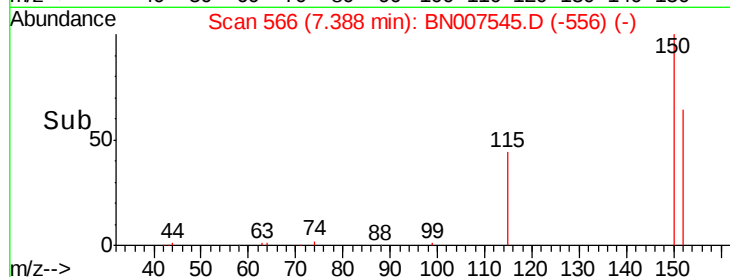
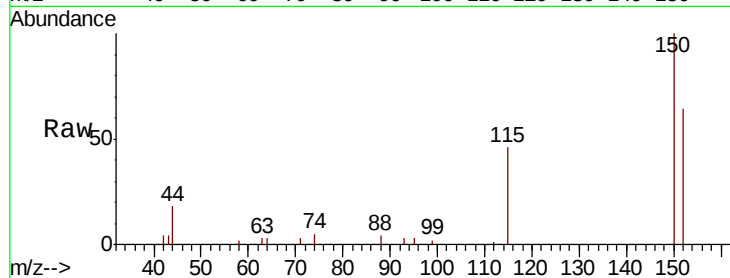
Tot Ion:152 Resp: 5759

Ion Ratio Lower Upper

152 100

150 156.7 109.1 163.7

115 71.9 59.6 89.4



#2

1,4-Dioxane

Concen: 0.447 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

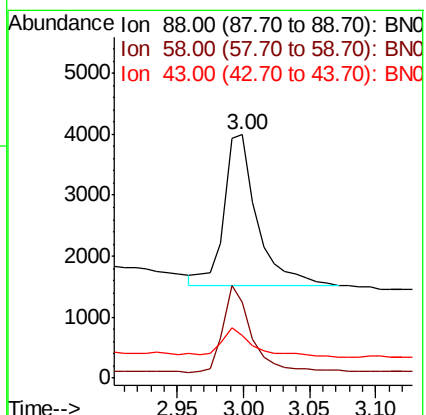
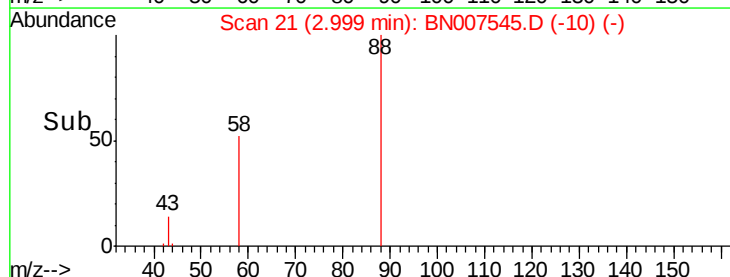
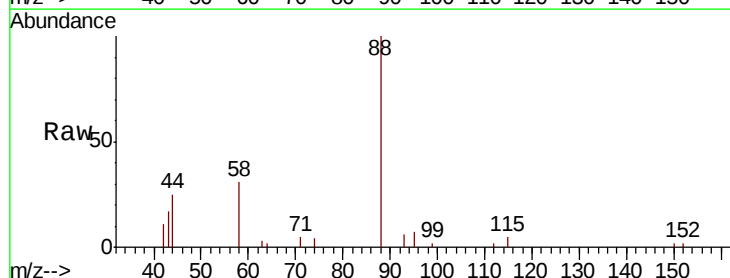
Tgt Ion: 88 Resp: 4275

Ion Ratio Lower Upper

88 100

58 49.3 50.5 75.7#

43 17.6 0.0 0.0#





#3

n-Nitrosodimethylamine

Concen: 0.287 ng

RT: 3.33 min Scan# 62

Delta R.T. 0.00 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

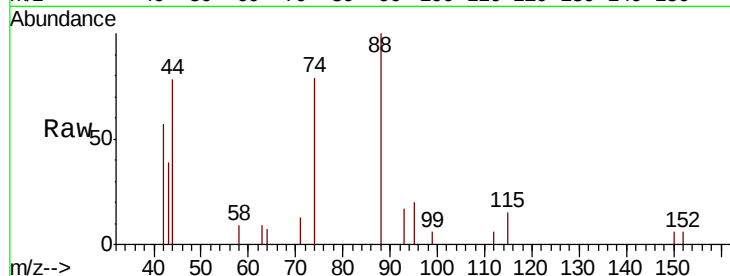
Tot Ion: 42 Resp: 1274

Ion Ratio Lower Upper

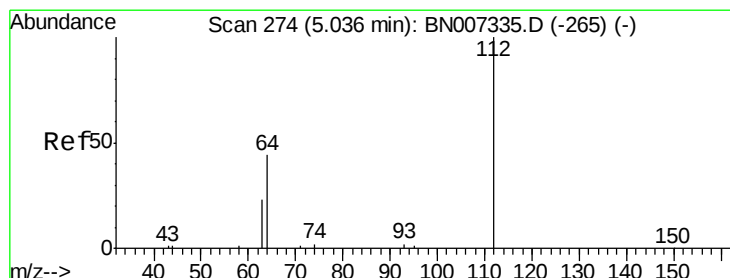
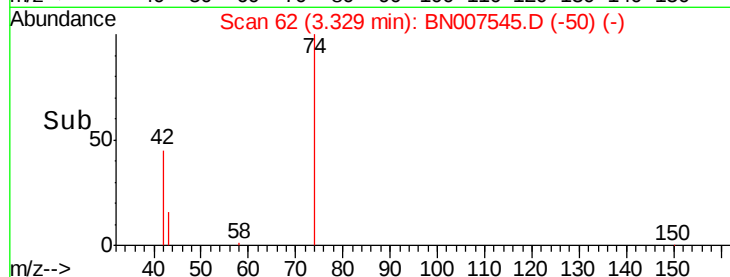
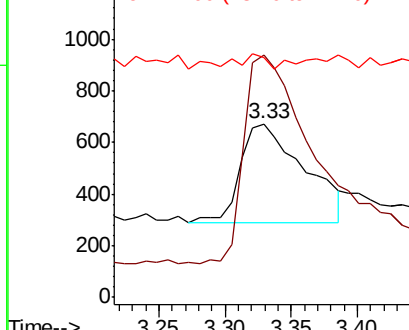
42 100

74 214.4 144.7 217.1

44 5.7 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: 0.356 ng

RT: 5.02 min Scan# 272

Delta R.T. -0.02 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

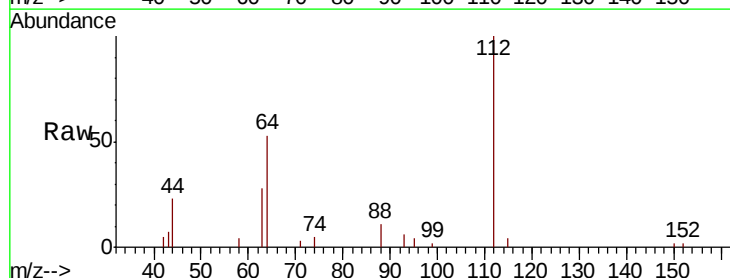
Tgt Ion: 112 Resp: 7178

Ion Ratio Lower Upper

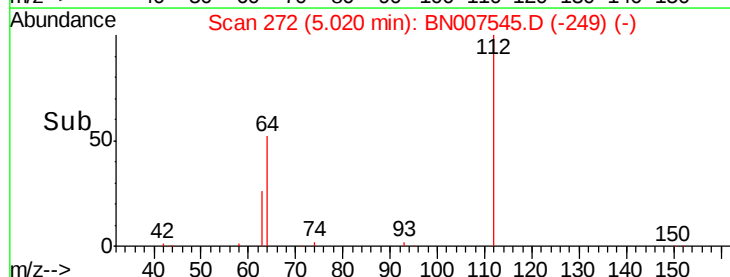
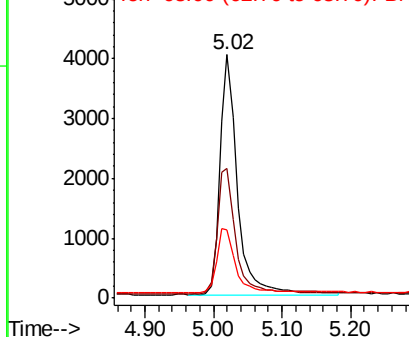
112 100

64 54.8 42.3 63.5

63 29.0 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: 0.328 ng

RT: 6.58 min Scan# 466

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

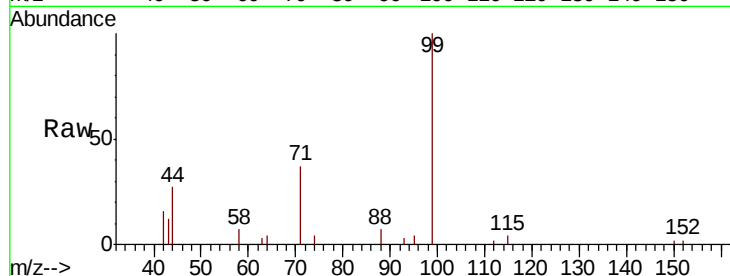
Tot Ion: 99 Resp: 8483

Ion Ratio Lower Upper

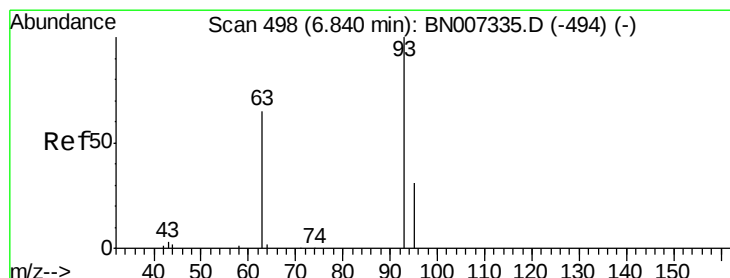
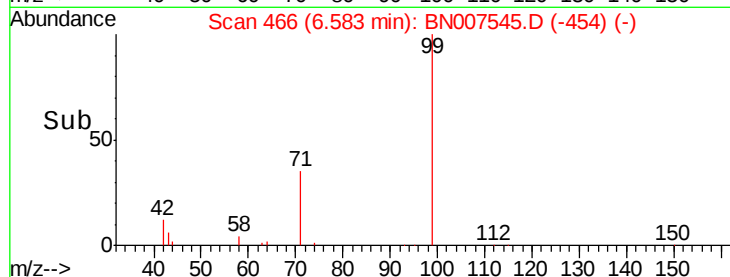
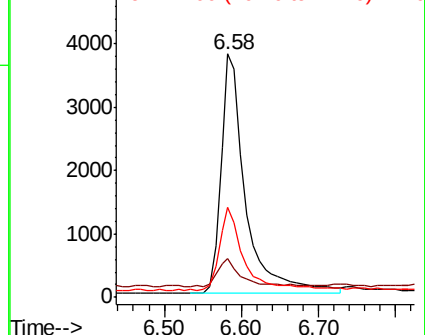
99 100

42 10.6 11.2 16.8#

71 34.8 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: 0.379 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

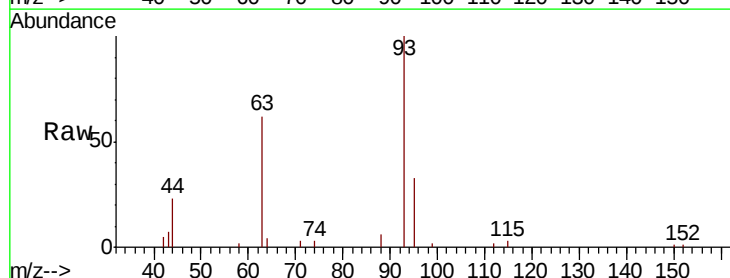
Tgt Ion: 93 Resp: 7890

Ion Ratio Lower Upper

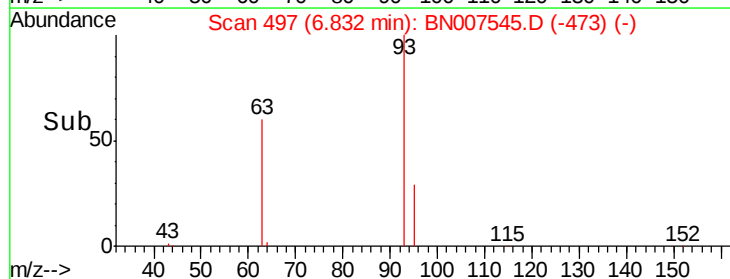
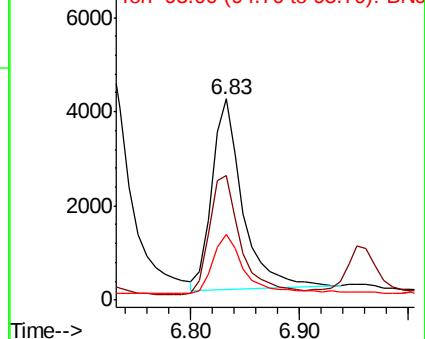
93 100

63 65.6 51.9 77.9

95 33.5 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: BN007545.D

Acq: 06 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 23226

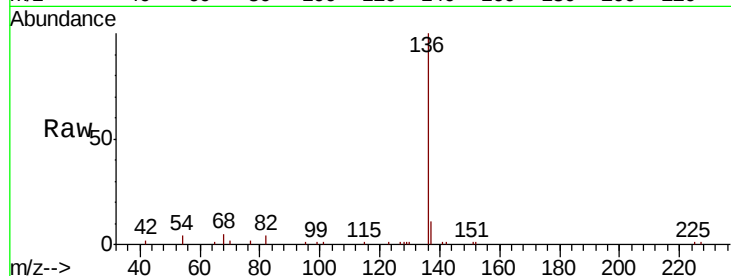
Ion Ratio Lower Upper

136 100

137 11.2 12.9 19.3#

54 4.0 8.6 12.8#

68 5.5 17.0 25.4#

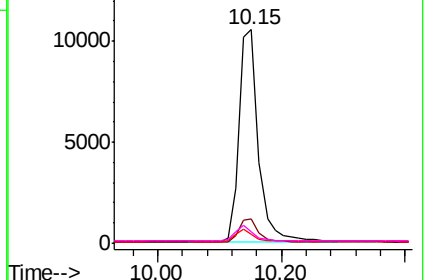
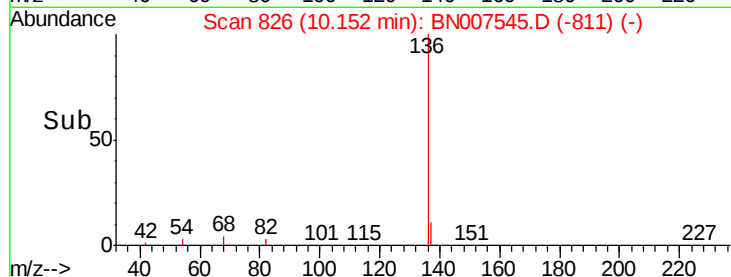


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.367 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

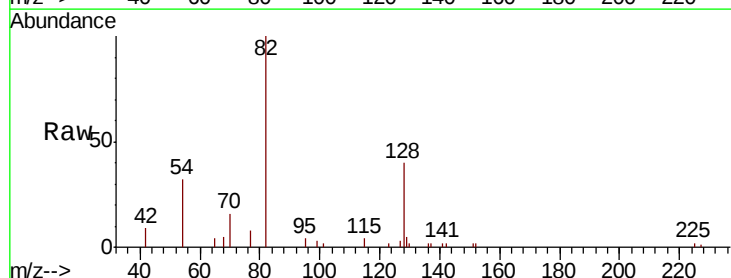
Tgt Ion: 82 Resp: 7418

Ion Ratio Lower Upper

82 100

128 39.5 19.7 29.5#

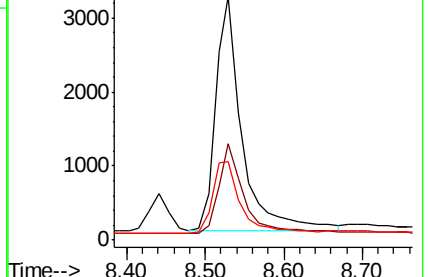
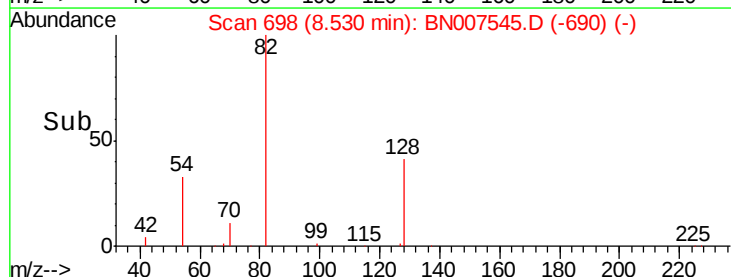
54 32.3 25.8 38.6



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: 0.400 ng

RT: 10.19 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

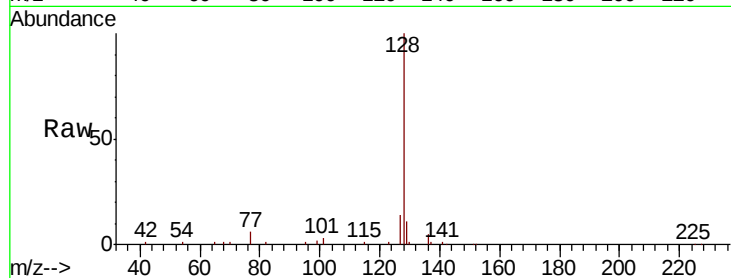
Tot Ion:128 Resp: 26575

Ion Ratio Lower Upper

128 100

129 11.2 11.1 16.7

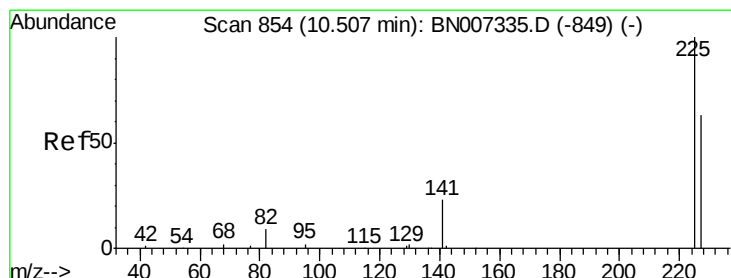
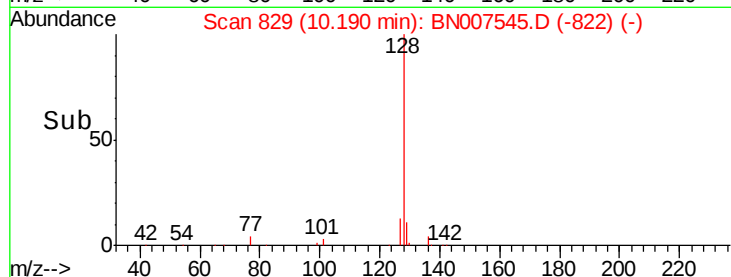
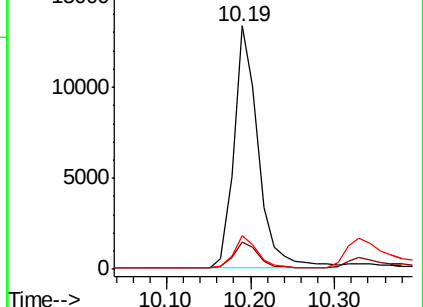
127 13.7 15.5 23.3#



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: 0.360 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

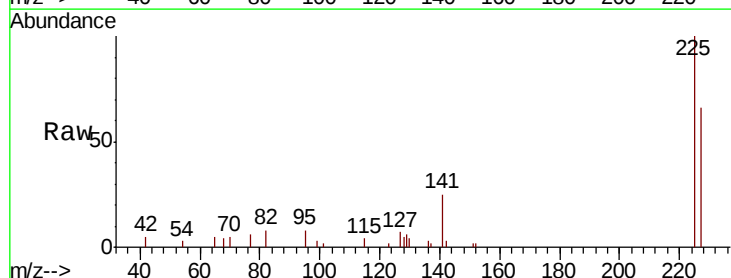
Tgt Ion:225 Resp: 4895

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

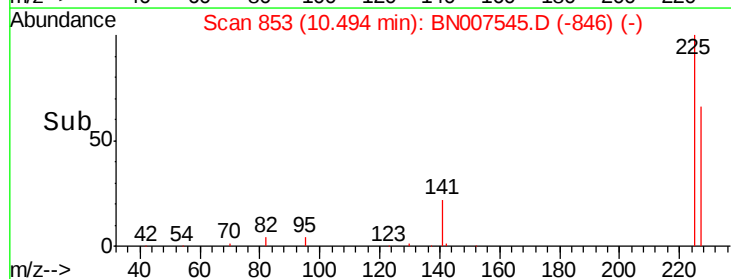
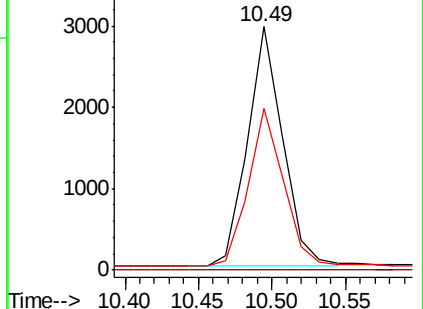
227 65.6 50.7 76.1



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: 0.371 ng

RT: 11.75 min Scan# 988

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

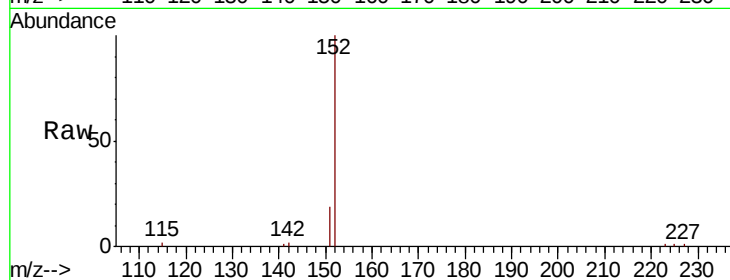
SSTDCCC0.4

Tot Ion:152 Resp: 14315

Ion Ratio Lower Upper

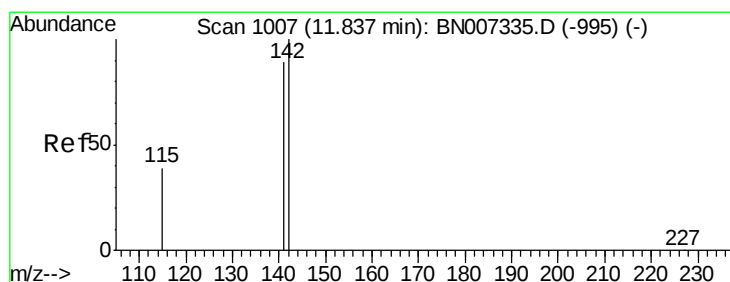
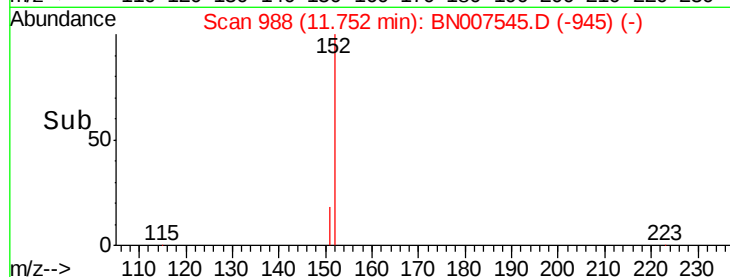
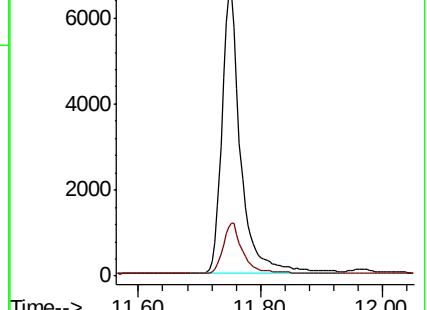
152 100

151 19.0 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.383 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

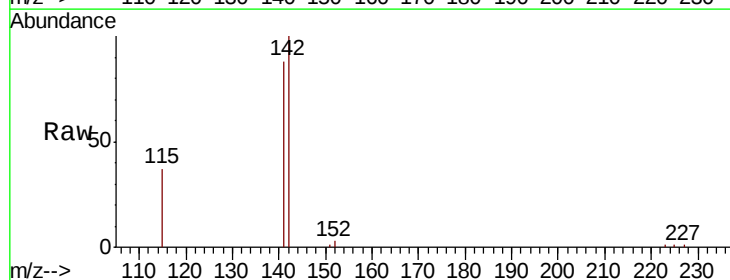
Tgt Ion:142 Resp: 17298

Ion Ratio Lower Upper

142 100

141 88.3 72.8 109.2

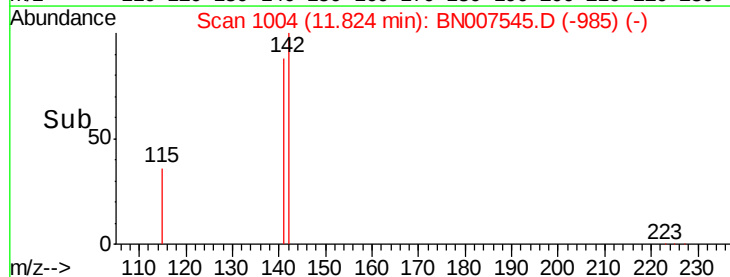
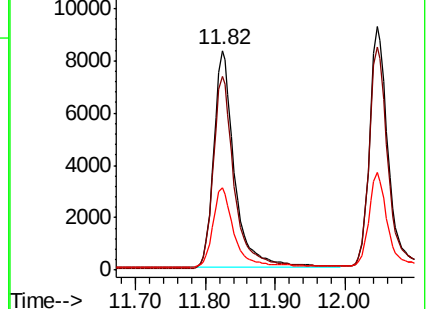
115 37.4 35.2 52.8



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





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

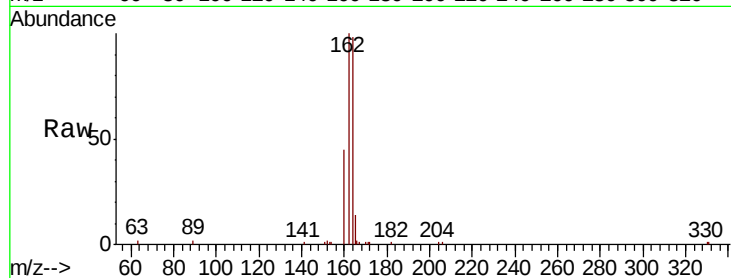
Tot Ion:164 Resp: 12266

Ion Ratio Lower Upper

164 100

162 101.5 83.5 125.3

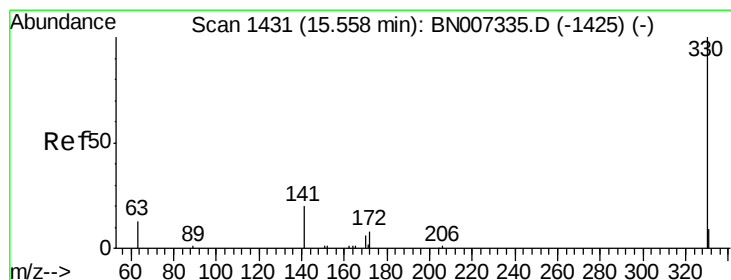
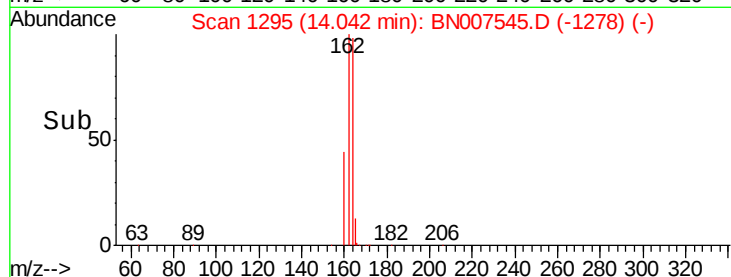
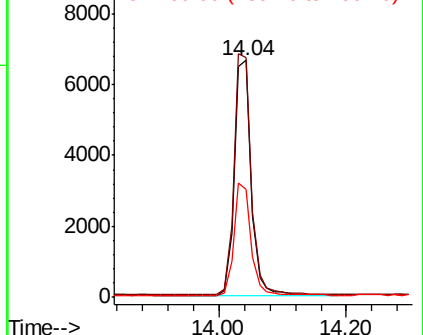
160 45.6 38.2 57.4



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: 0.302 ng

RT: 15.55 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

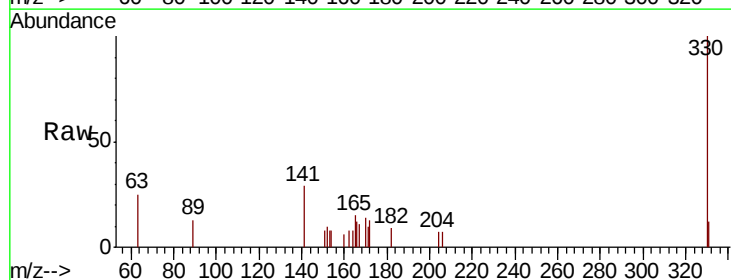
Tgt Ion:330 Resp: 1941

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

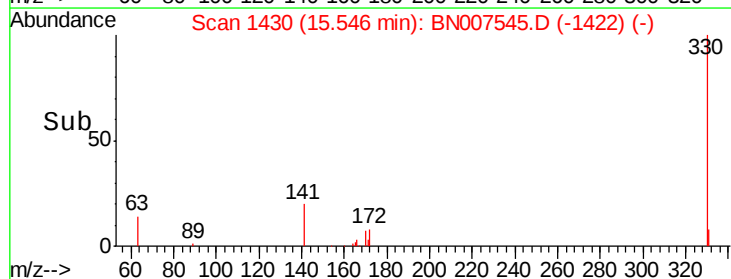
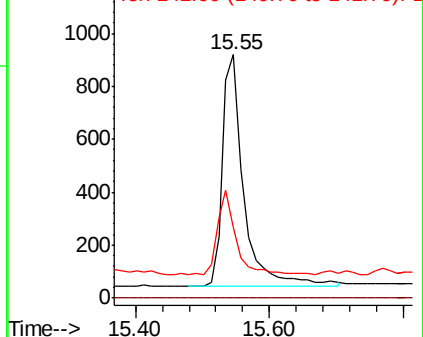
141 32.3 26.9 40.3

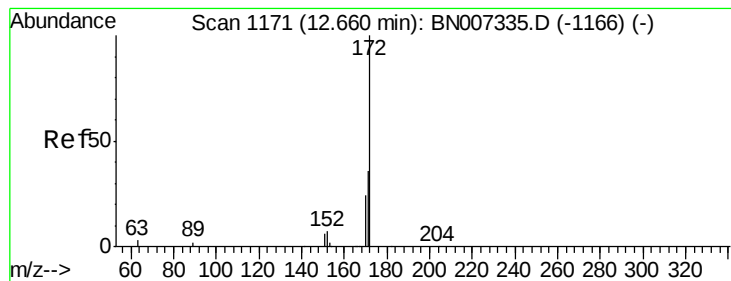


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.416 ng

RT: 12.65 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

Instrument :

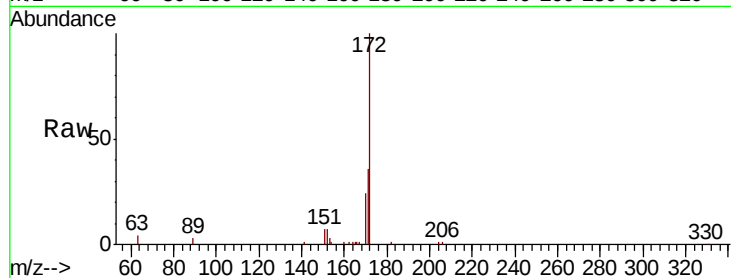
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:172 Resp: 20567

Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.3	45.5
170	24.3	20.7	31.1

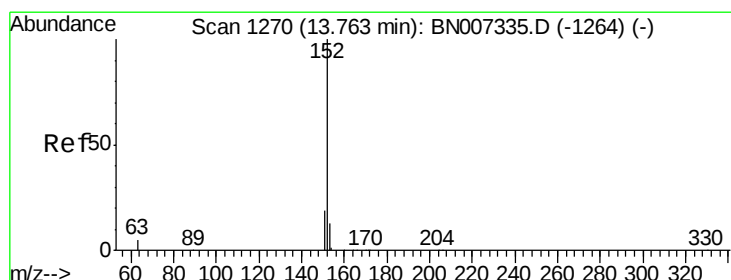
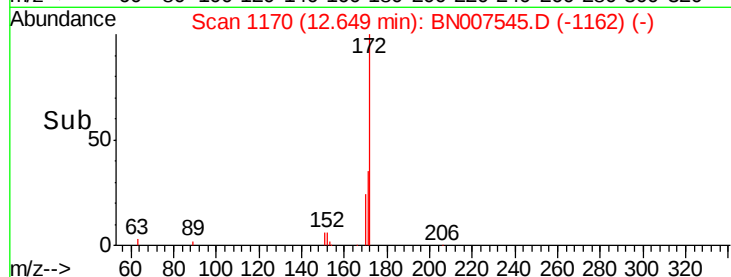
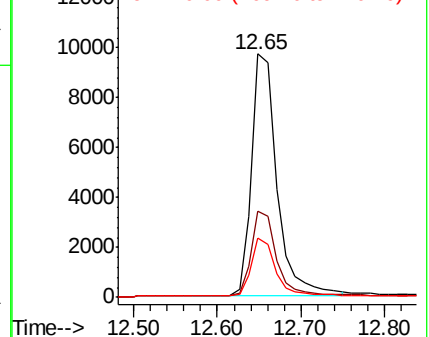


Abundance

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: 0.327 ng

RT: 13.75 min Scan# 1269

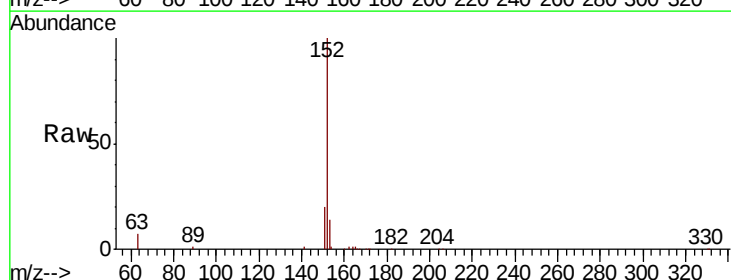
Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

Tgt Ion:152 Resp: 23750

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.3	10.6	15.8

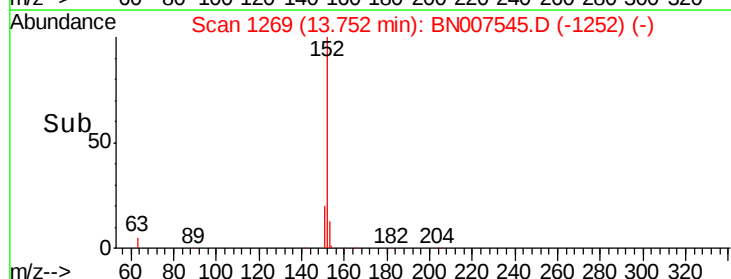
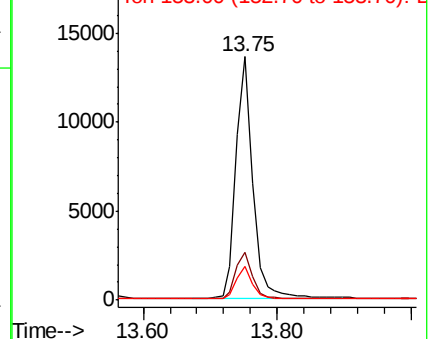


Abundance

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: 0.396 ng

RT: 14.10 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

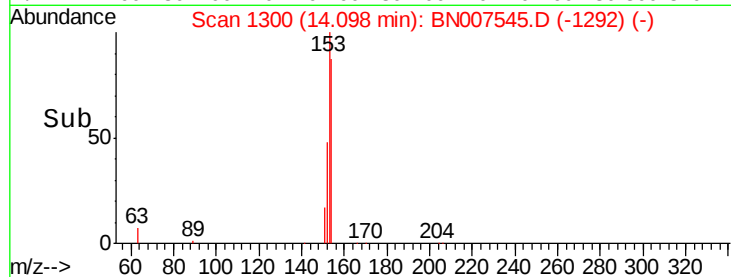
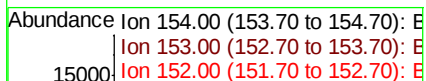
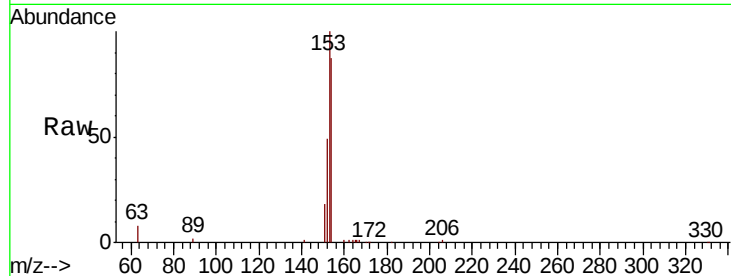
Tot Ion:154 Resp: 16823

Ion Ratio Lower Upper

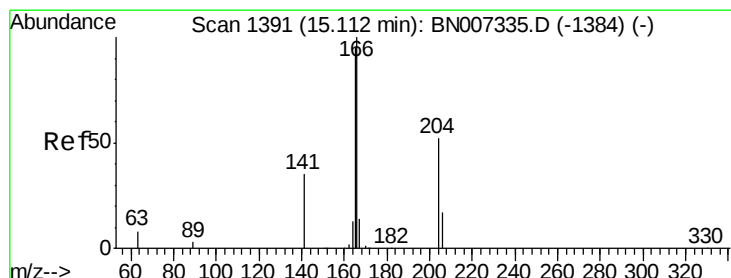
154 100

153 113.5 92.8 139.2

152 54.5 43.8 65.8



Time-->



#18

Fluorene

Concen: 0.396 ng

RT: 15.10 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

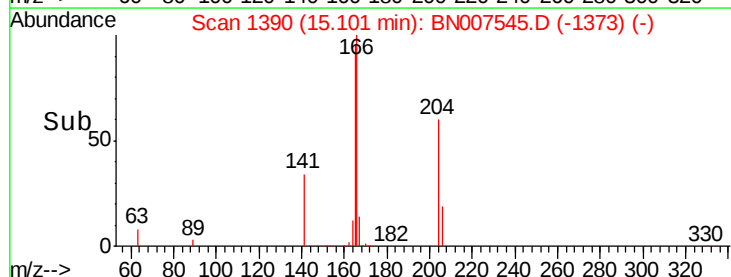
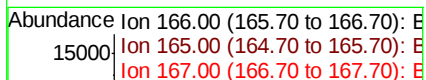
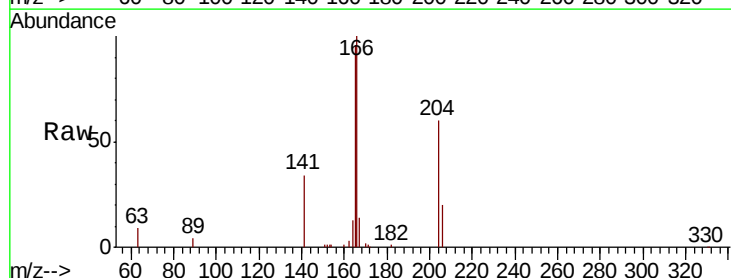
Tgt Ion:166 Resp: 21254

Ion Ratio Lower Upper

166 100

165 97.9 79.0 118.4

167 13.5 10.6 15.8



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

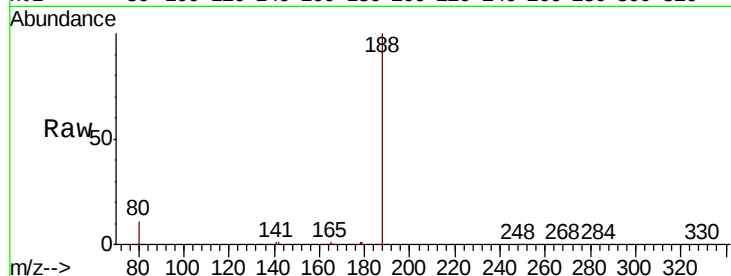
Tot Ion:188 Resp: 27136

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

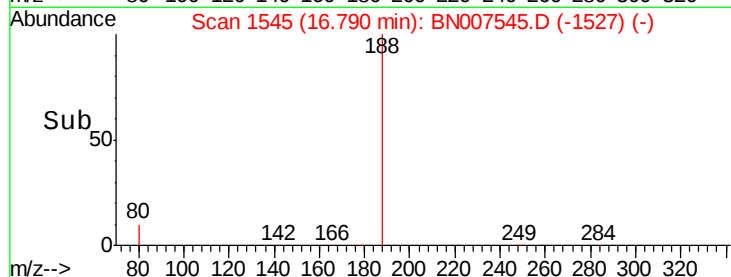
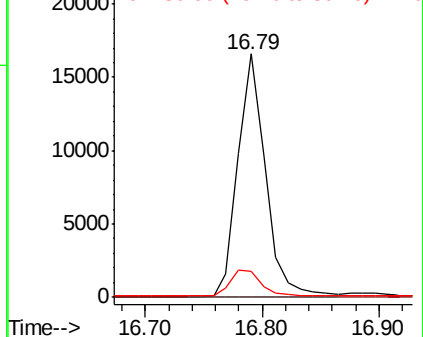
80 10.9 11.8 17.8#



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: 0.110 ng

RT: 16.01 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

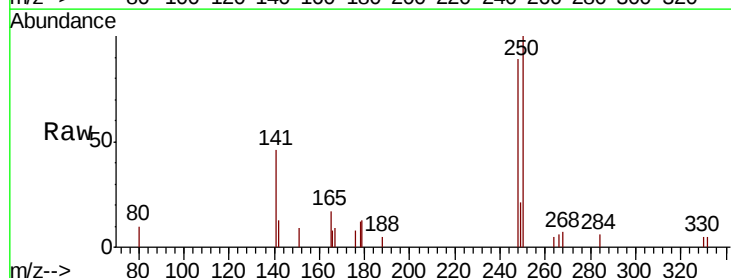
Tgt Ion:248 Resp: 1177

Ion Ratio Lower Upper

248 100

250 112.6 85.0 127.6

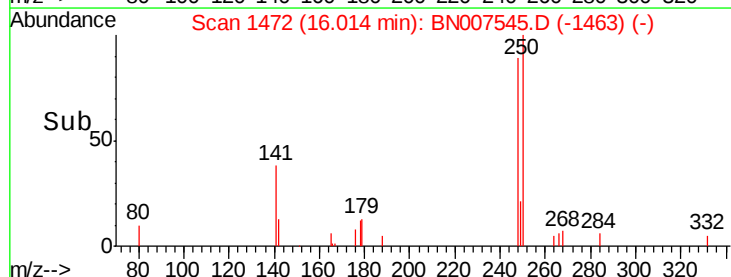
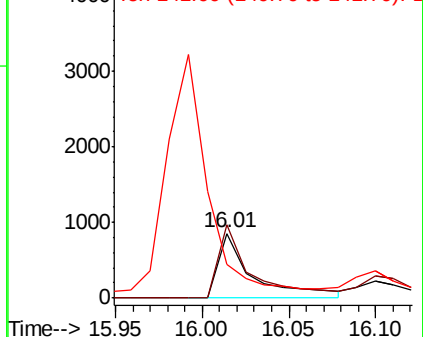
141 52.0 51.7 77.5



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: 0.406 ng

RT: 16.11 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

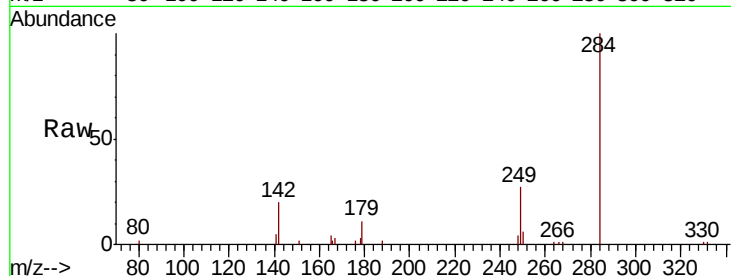
Tot Ion:284 Resp: 7379

Ion Ratio Lower Upper

284 100

142 33.9 29.0 43.6

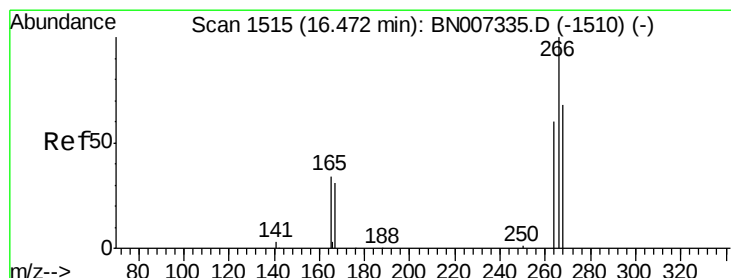
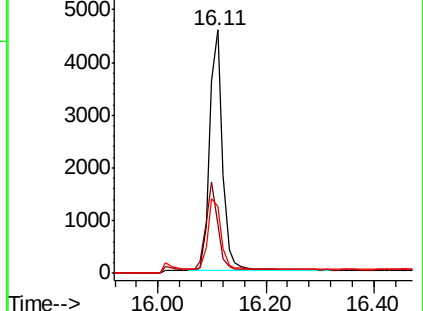
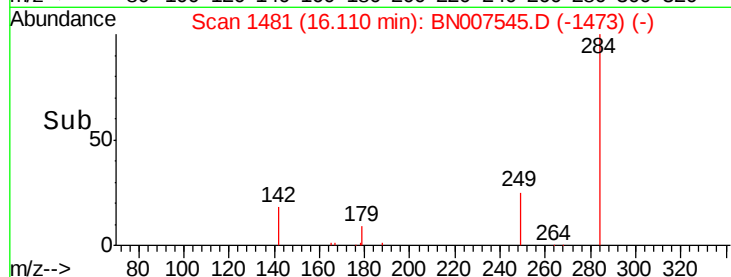
249 30.2 24.9 37.3



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: 0.243 ng

RT: 16.46 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

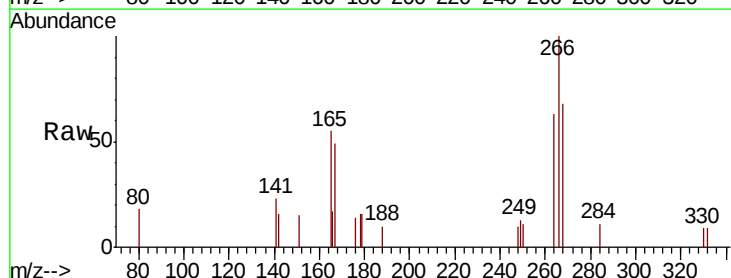
Tgt Ion:266 Resp: 1375

Ion Ratio Lower Upper

266 100

264 62.7 57.8 86.8

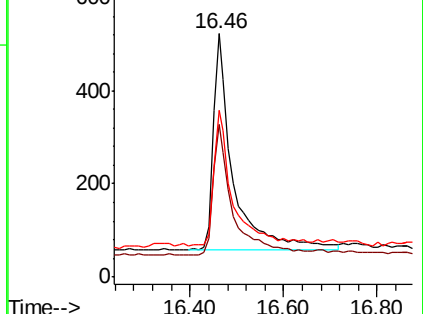
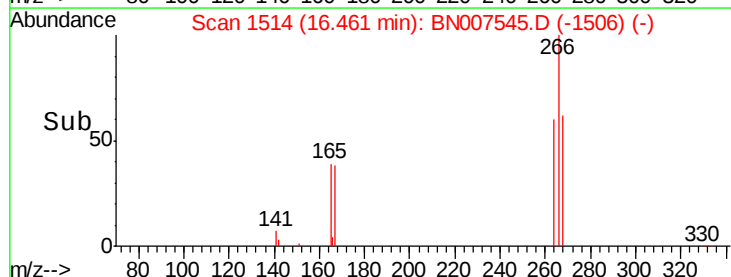
268 68.3 99.7 149.5#



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: 0.424 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

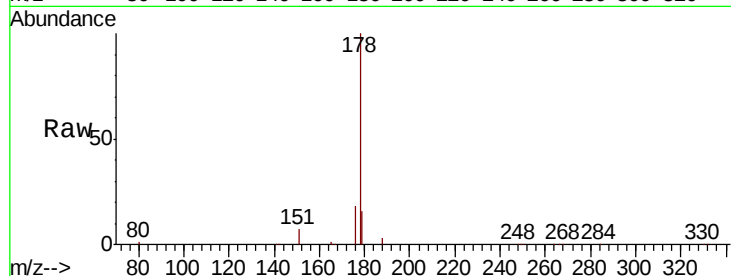
Tot Ion:178 Resp: 34605

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

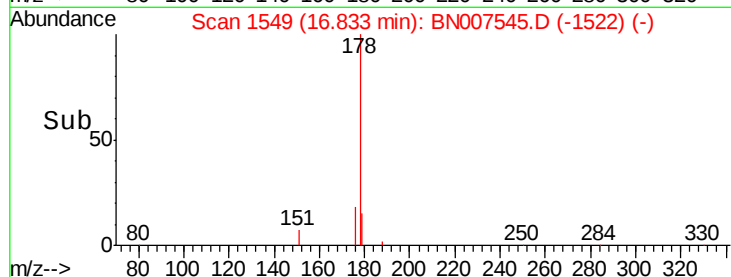
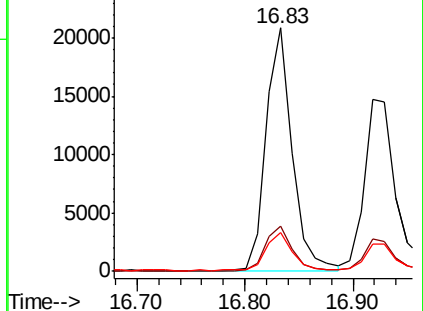
179 15.6 12.6 19.0



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: 0.358 ng

RT: 16.92 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

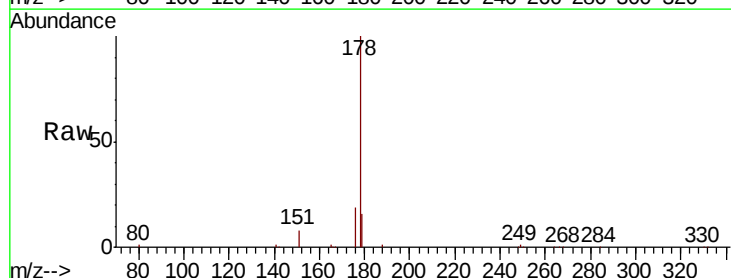
Tgt Ion:178 Resp: 29374

Ion Ratio Lower Upper

178 100

176 18.1 14.9 22.3

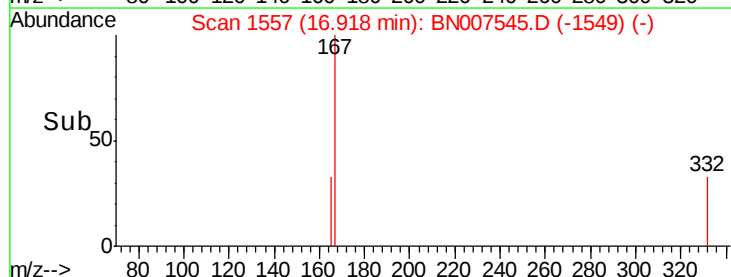
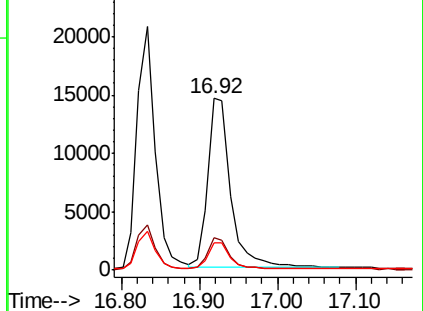
179 15.3 12.4 18.6



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: 0.366 ng

RT: 18.84 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

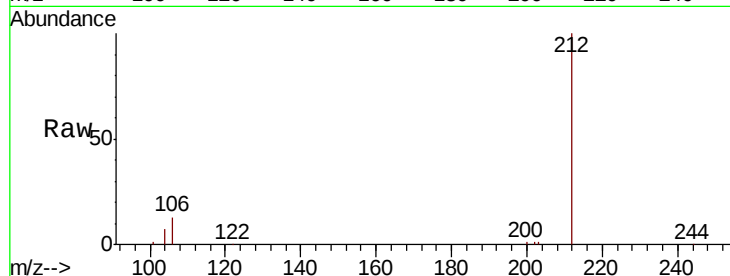
Tot Ion:212 Resp: 32024

Ion Ratio Lower Upper

212 100

106 13.3 9.0 13.4

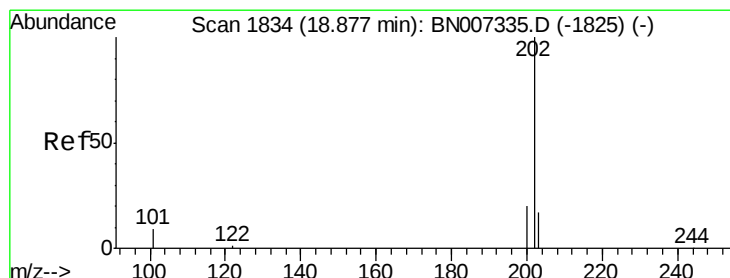
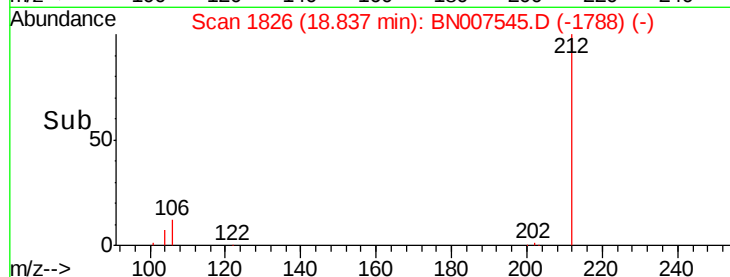
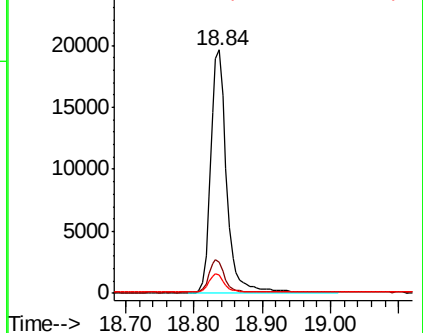
104 7.3 5.4 8.2



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: 0.390 ng

RT: 18.87 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

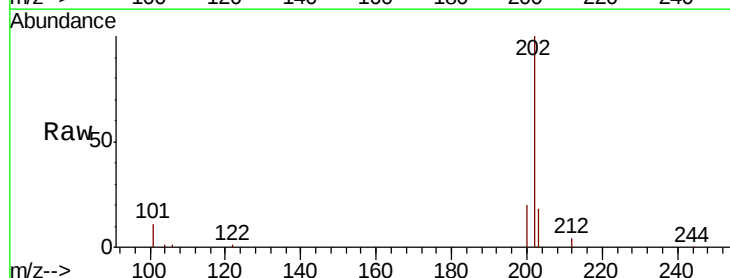
Tgt Ion:202 Resp: 40838

Ion Ratio Lower Upper

202 100

101 11.0 7.7 11.5

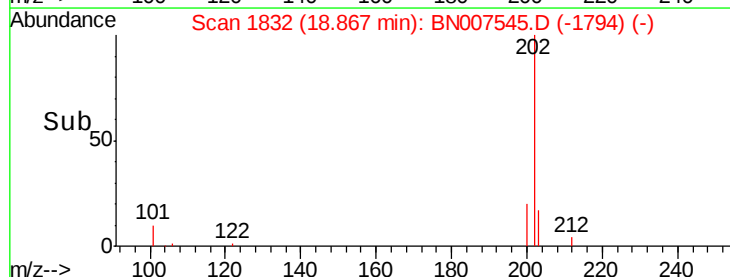
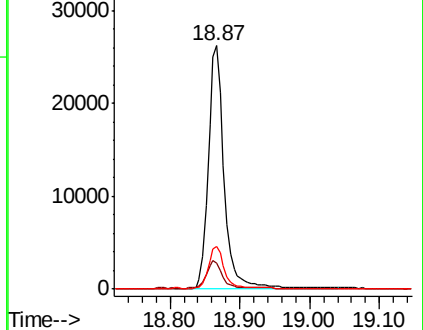
203 17.1 13.7 20.5



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: BN007545.D

Acq: 06 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

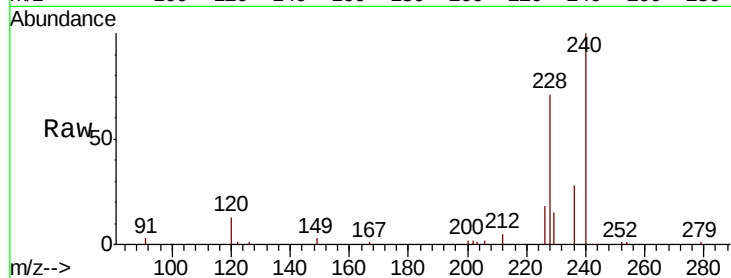
Tot Ion:240 Resp: 26637

Ion Ratio Lower Upper

240 100

120 13.3 9.6 14.4

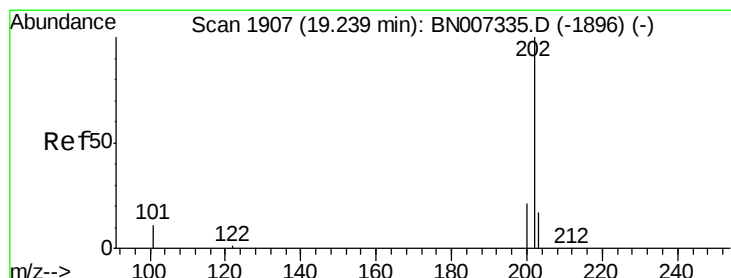
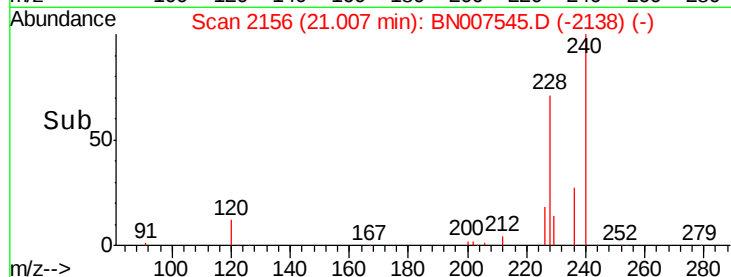
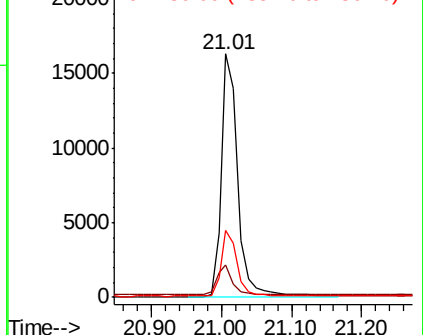
236 27.6 22.2 33.2



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: 0.390 ng

RT: 19.23 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

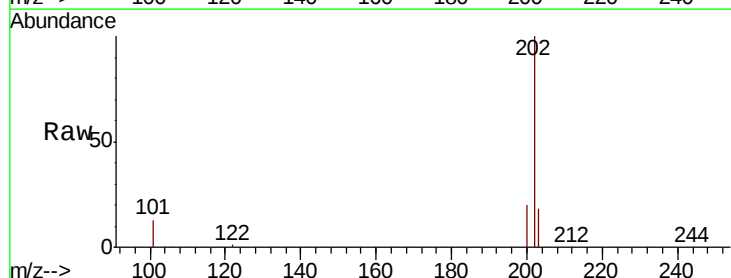
Tgt Ion:202 Resp: 41790

Ion Ratio Lower Upper

202 100

200 20.2 16.6 25.0

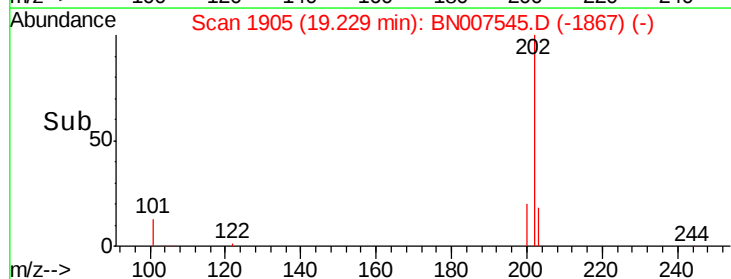
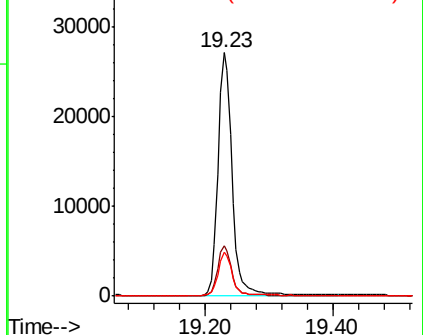
203 17.3 14.2 21.4



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: 0.398 ng

RT: 19.45 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

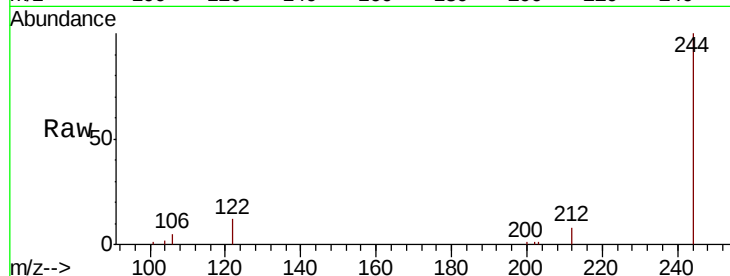
Tot Ion:244 Resp: 27767

Ion Ratio Lower Upper

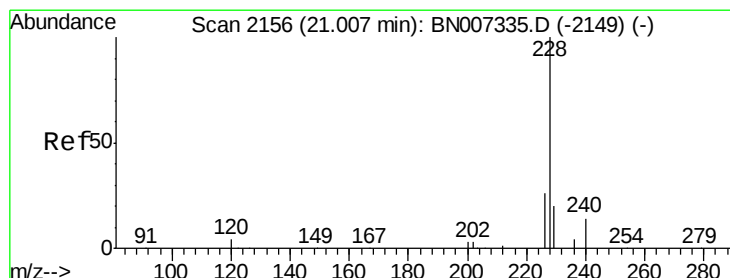
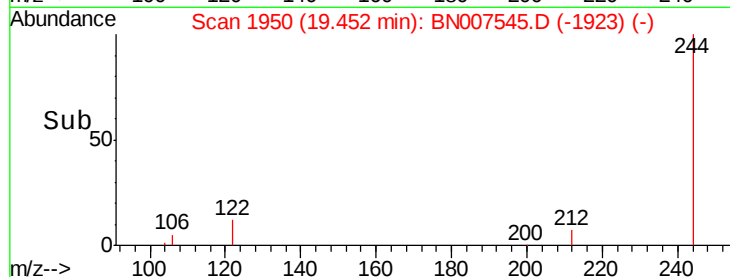
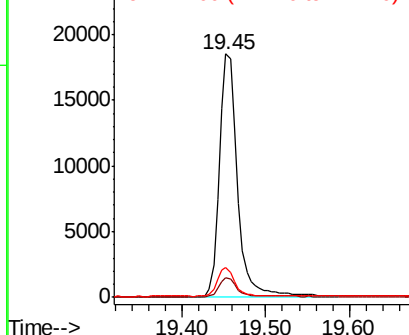
244 100

212 7.8 7.0 10.6

122 12.4 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: 0.344 ng

RT: 21.00 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

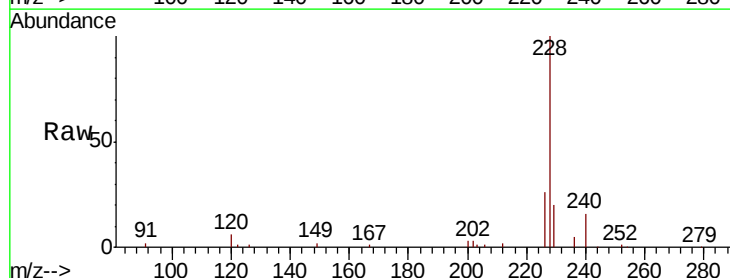
Tgt Ion:228 Resp: 36014

Ion Ratio Lower Upper

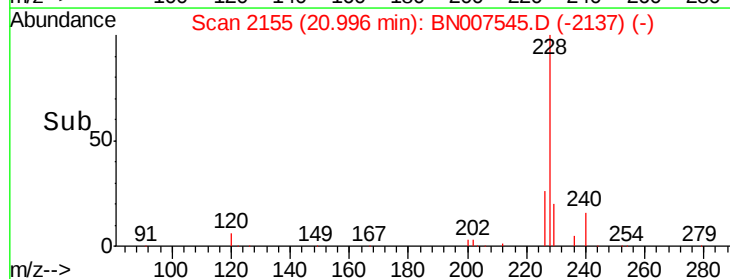
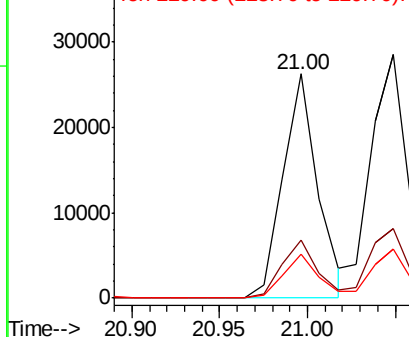
228 100

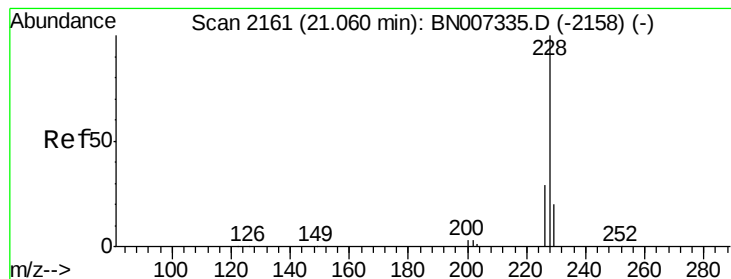
226 26.1 21.3 31.9

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: 0.423 ng

RT: 21.05 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

Instrument :

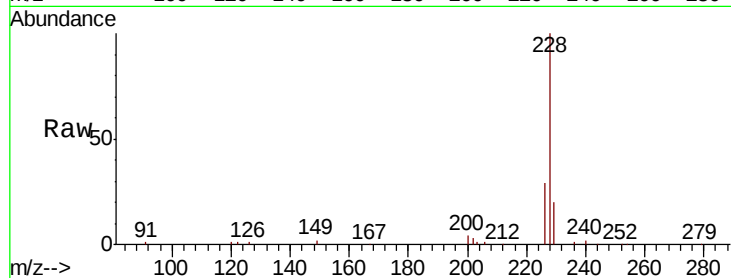
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 42720

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.5	35.3
229	20.0	16.6	24.8

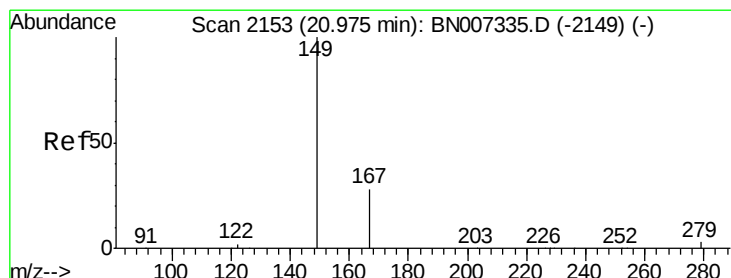
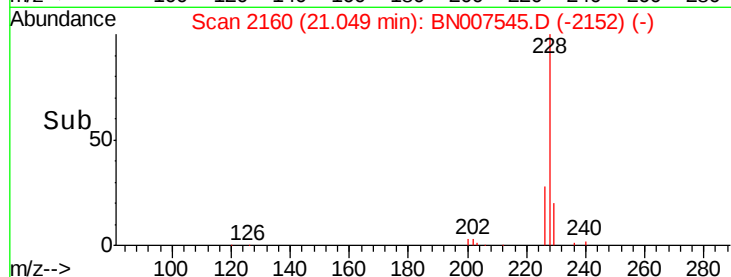
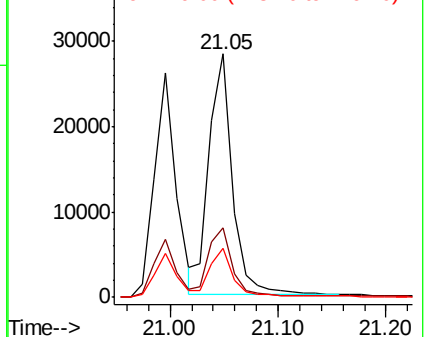


Abundance

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: 0.216 ng

RT: 20.95 min Scan# 2151

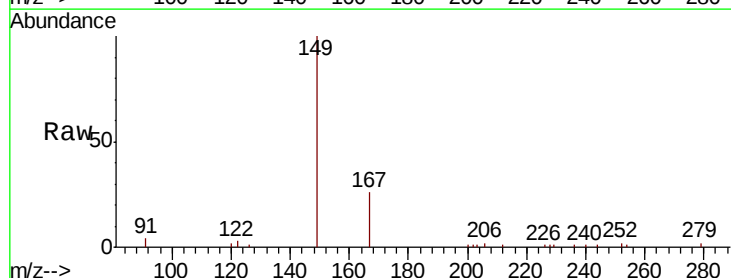
Delta R.T. -0.02 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

Tgt Ion:149 Resp: 15936

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.8	34.2
279	4.2	3.5	5.3

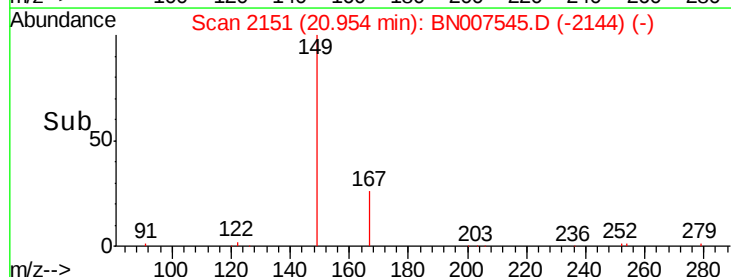
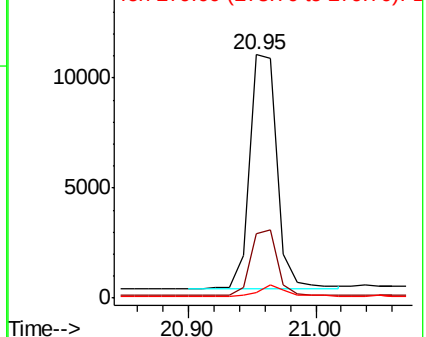


Abundance

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: 0.436 ng

RT: 25.17 min Scan# 3094

Delta R.T. -0.03 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

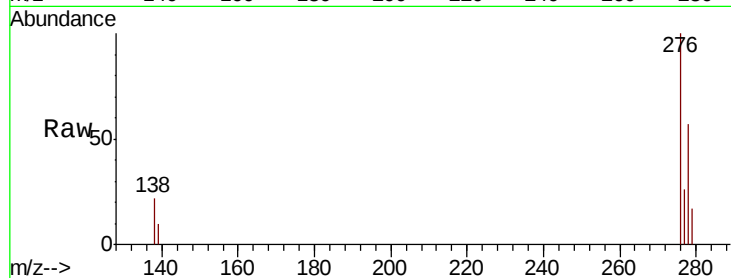
Tot Ion:276 Resp: 52993

Ion Ratio Lower Upper

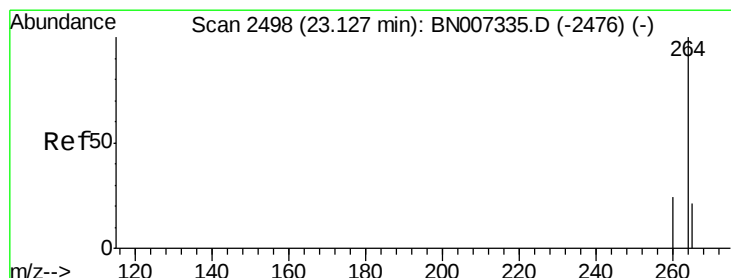
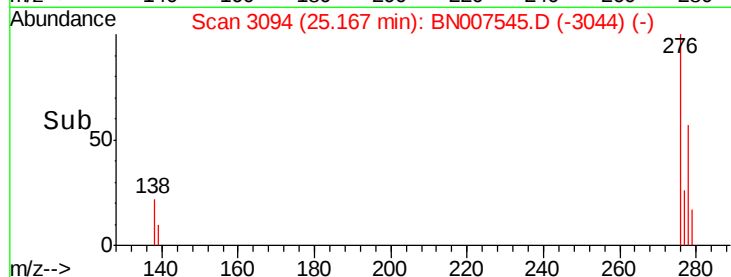
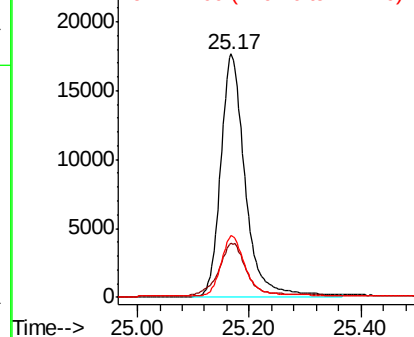
276 100

138 24.4 15.1 22.7#

277 24.5 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: BN007545.D

Acq: 06 Sep 2019 17:00

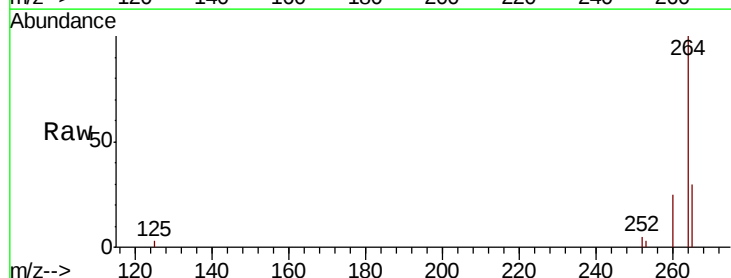
Tgt Ion:264 Resp: 29931

Ion Ratio Lower Upper

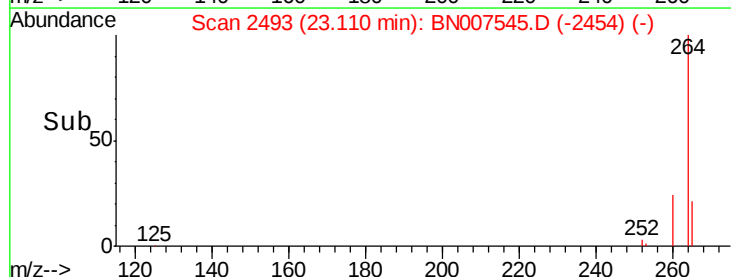
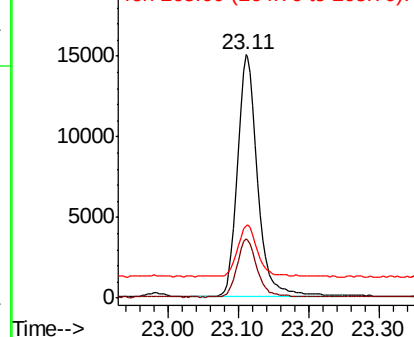
264 100

260 24.6 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: 0.384 ng

RT: 22.49 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

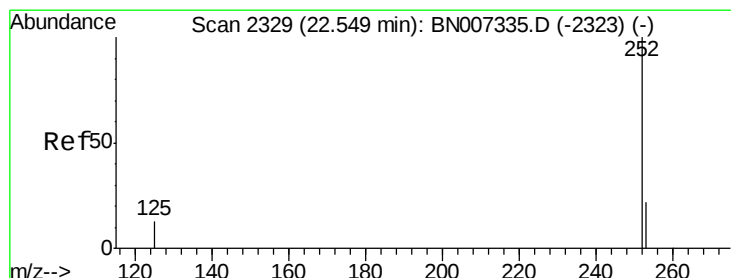
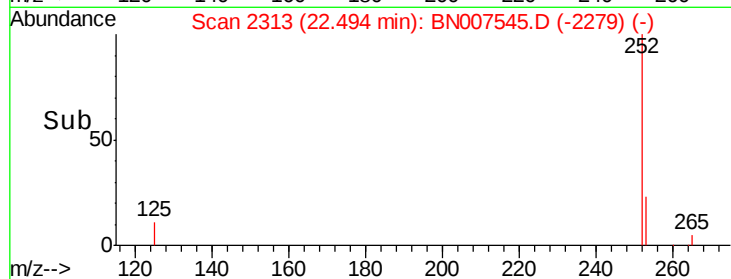
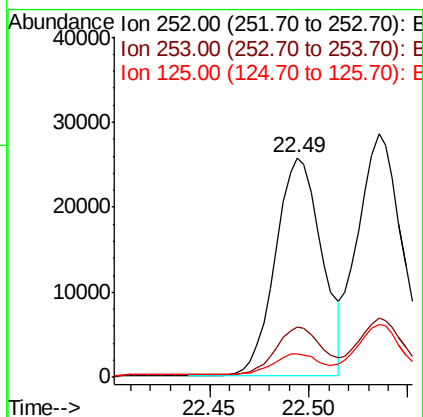
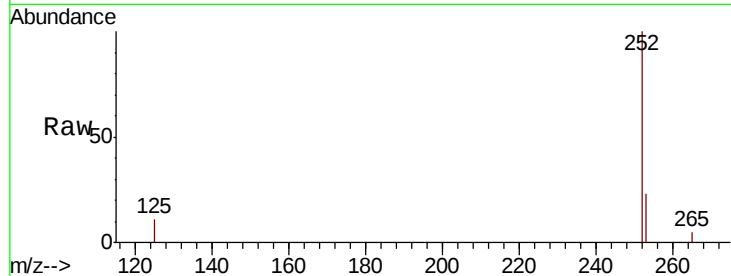
Tot Ion:252 Resp: 41631

Ion Ratio Lower Upper

252 100

253 22.8 19.2 28.8

125 10.7 10.6 16.0



#36

Benzo(k)fluoranthene

Concen: 0.450 ng

RT: 22.54 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

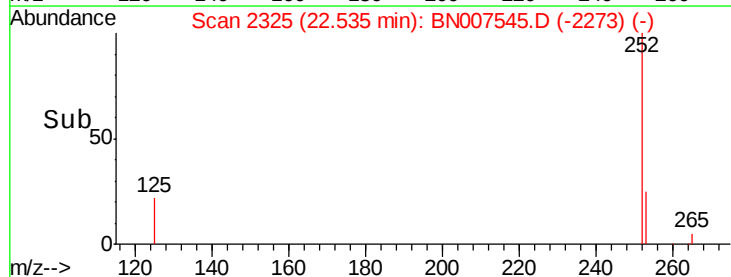
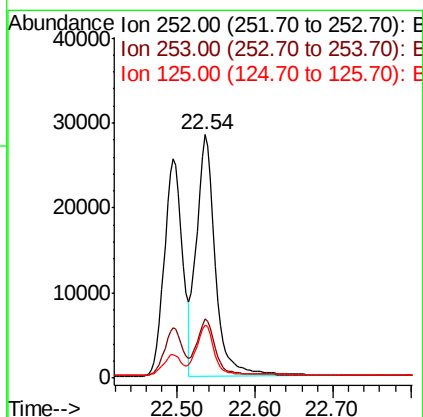
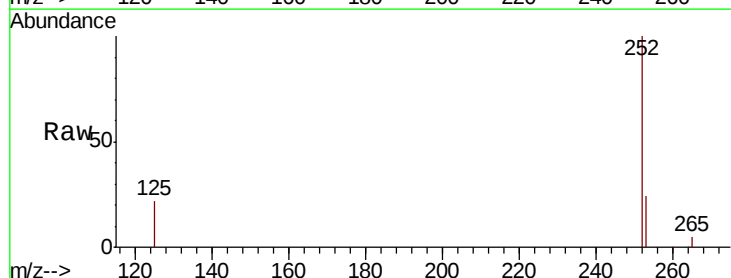
Tgt Ion:252 Resp: 48210

Ion Ratio Lower Upper

252 100

253 24.3 19.4 29.2

125 21.6 13.1 19.7#





#37

Benzo(a)pyrene

Concen: 0.382 ng

RT: 23.02 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

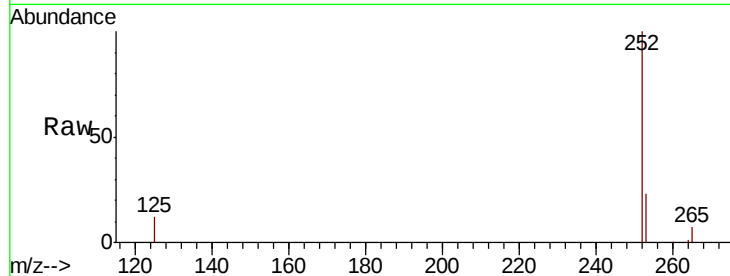
Tot Ion:252 Resp: 39374

Ion Ratio Lower Upper

252 100

253 22.9 19.5 29.3

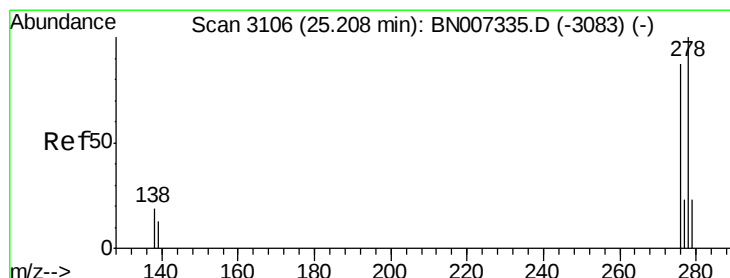
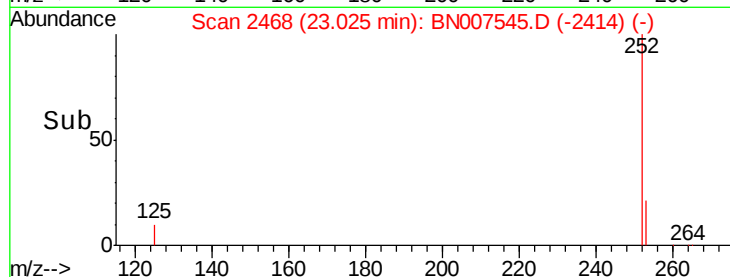
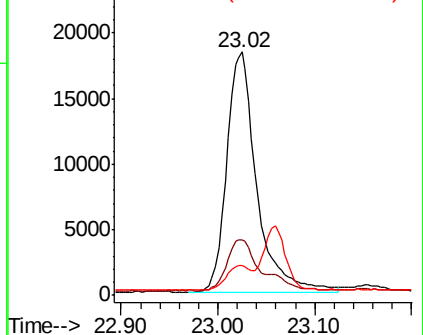
125 12.3 12.1 18.1



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: 0.410 ng

RT: 25.18 min Scan# 3099

Delta R.T. -0.02 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

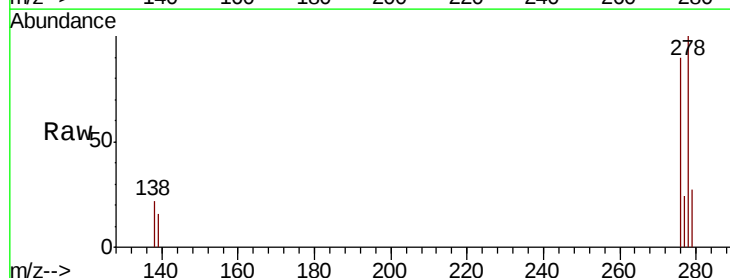
Tgt Ion:278 Resp: 42241

Ion Ratio Lower Upper

278 100

139 15.9 13.7 20.5

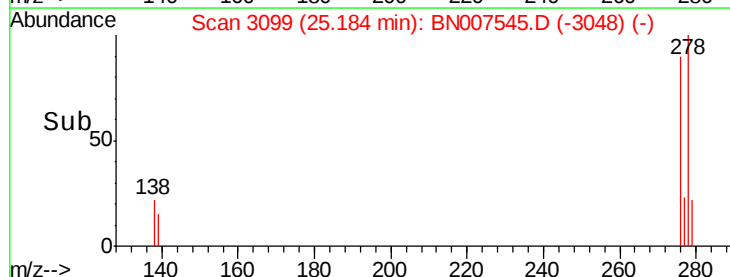
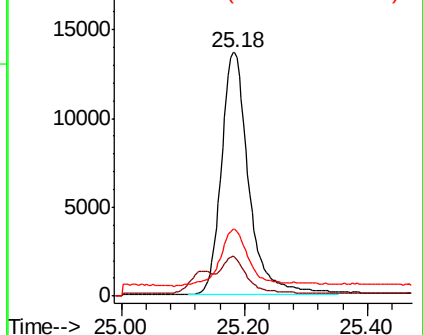
279 27.3 20.2 30.4



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: 0.419 ng

RT: 25.79 min Scan# 3276

Delta R.T. -0.03 min

Lab File: BN007545.D

Acq: 06 Sep 2019 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

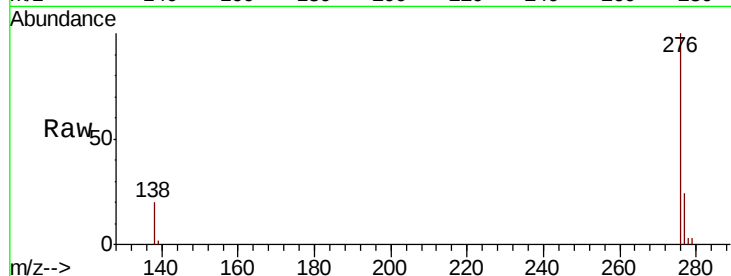
Tot Ion:276 Resp: 42985

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 19.9 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

