

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090619\
 Data File : BN007556.D
 Acq On : 06 Sep 2019 23:49
 Operator : HP/JU
 Sample : K4722-17MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 07 00:40:03 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	5656	0.40	ng	-0.02
7) Naphthalene-d8	10.14	136	22720	0.40	ng	-0.03
13) Acenaphthene-d10	14.03	164	11872	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	25350	0.40	ng	-0.01
27) Chrysene-d12	21.01	240	25262	0.40	ng	-0.01
34) Perylene-d12	23.10	264	27737	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.02	112	3335	0.15	ng	-0.02
5) Phenol-d6	6.58	99	2762	0.09	ng	0.00
8) Nitrobenzene-d5	8.53	82	6090	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	20196	0.53	ng	-0.02
14) 2,4,6-Tribromophenol	15.54	330	1884	0.30	ng	-0.02
15) 2-Fluorobiphenyl	12.65	172	23662	0.49	ng	-0.01
25) Fluoranthene-d10	18.83	212	28345	0.35	ng	-0.01
29) Terphenyl-d14	19.45	244	30096	0.46	ng	-0.01

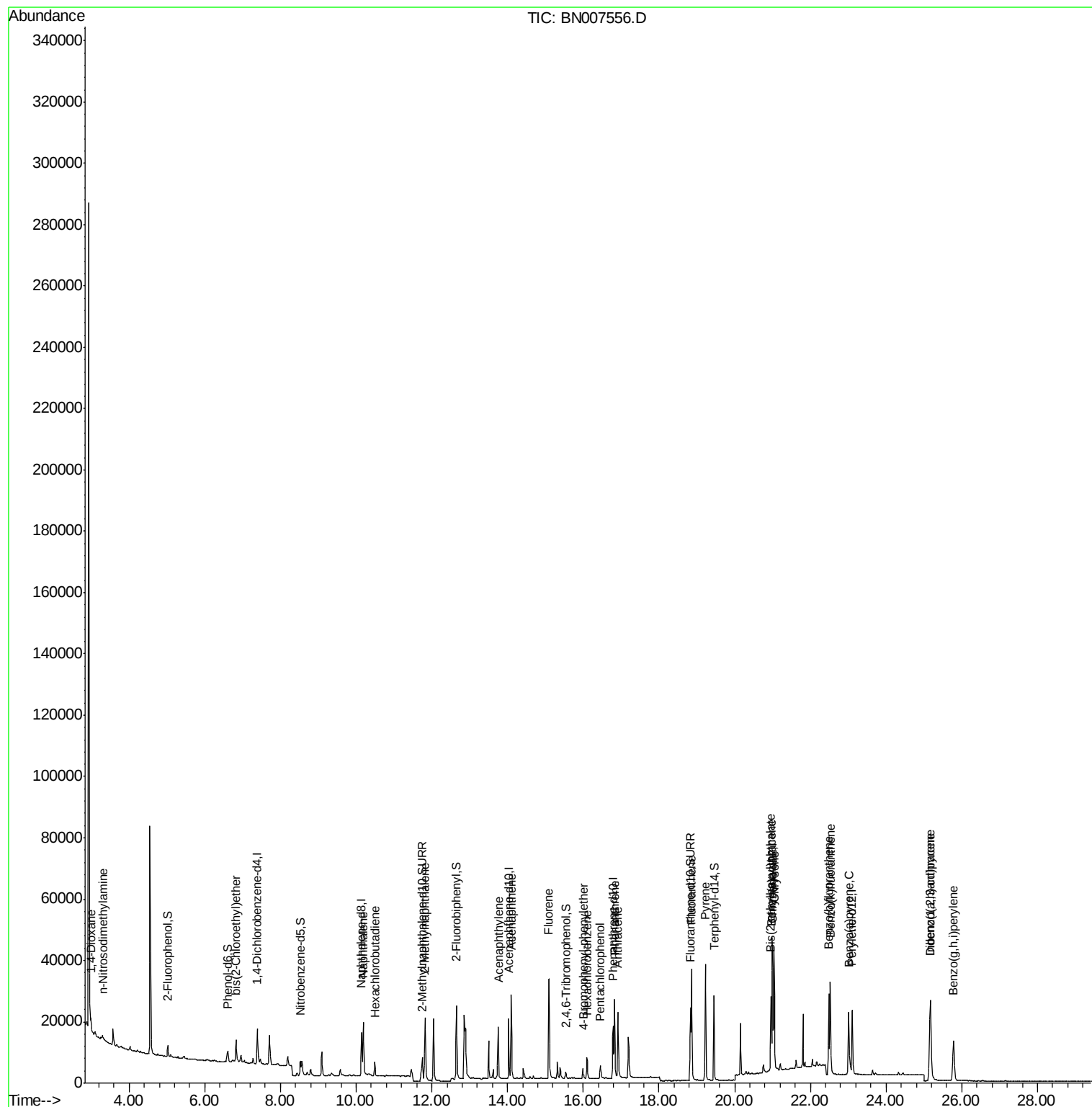
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.00	88	2644	0.281	ng	# 89
3) n-Nitrosodimethylamine	3.32	42	456	0.104	ng	# 12
6) bis(2-Chloroethyl)ether	6.83	93	7099	0.347	ng	98
9) Naphthalene	10.19	128	24738	0.381	ng	# 90
10) Hexachlorobutadiene	10.49	225	3779	0.284	ng	# 98
12) 2-Methylnaphthalene	11.82	142	18064	0.408	ng	96
16) Acenaphthylene	13.75	152	22129	0.315	ng	99
17) Acenaphthene	14.10	154	14677	0.357	ng	97
18) Fluorene	15.09	166	18441	0.355	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	824	0.082	ng	95
21) Hexachlorobenzene	16.11	284	5933	0.349	ng	97
22) Pentachlorophenol	16.45	266	2966	0.562	ng	# 64
23) Phenanthrene	16.83	178	32908	0.432	ng	99
24) Anthracene	16.92	178	27002	0.352	ng	99
26) Fluoranthene	18.86	202	35869	0.366	ng	98
28) Pyrene	19.23	202	36937	0.363	ng	99
30) Benzo(a)anthracene	20.99	228	31761	0.320	ng	98
31) Chrysene	21.04	228	33602	0.351	ng	99
32) Bis(2-ethylhexyl)phthalate	20.95	149	19892	0.291	ng	99
33) Indeno(1,2,3-cd)pyrene	25.16	276	32418	0.281	ng	# 96
35) Benzo(b)fluoranthene	22.49	252	31696	0.315	ng	97
36) Benzo(k)fluoranthene	22.53	252	35140	0.354	ng	# 96
37) Benzo(a)pyrene	23.01	252	30319	0.317	ng	97
38) Dibenzo(a,h)anthracene	25.18	278	26784	0.281	ng	99
39) Benzo(g,h,i)perylene	25.78	276	27302	0.287	ng	99

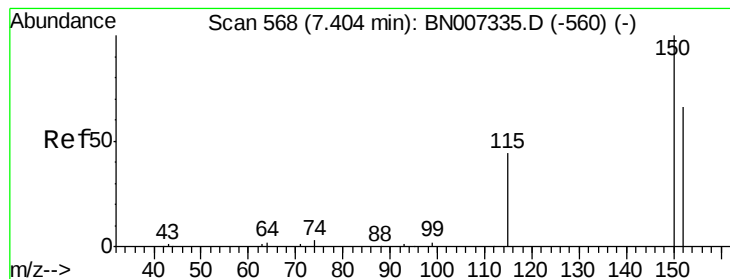
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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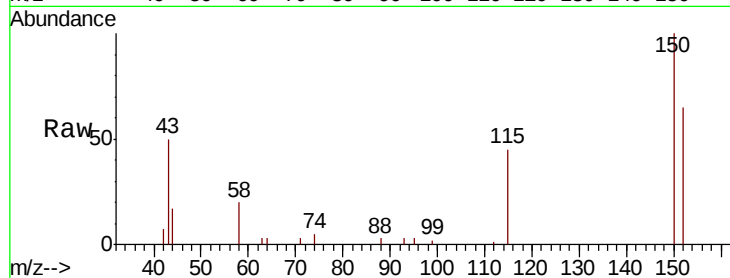


#1

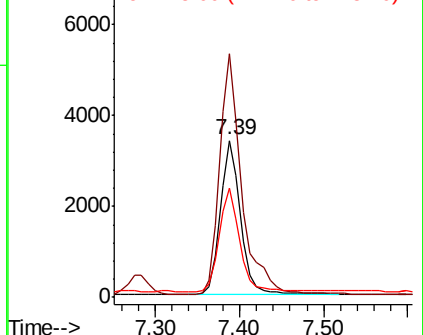
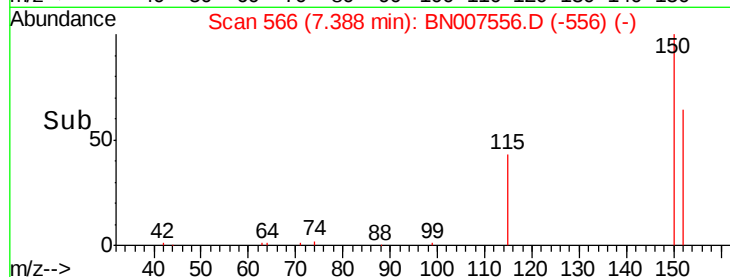
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007556.D
Acq: 06 Sep 2019 23:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5656
Ion Ratio Lower Upper
152 100
150 154.9 109.1 163.7
115 69.7 59.6 89.4



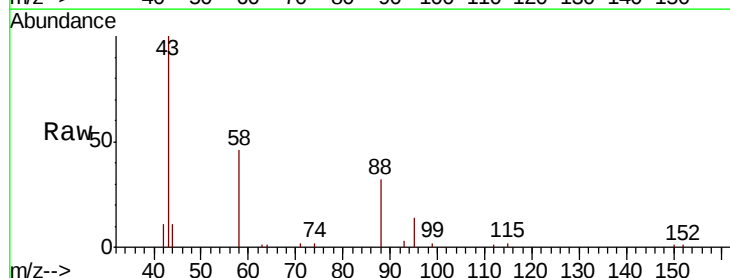
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



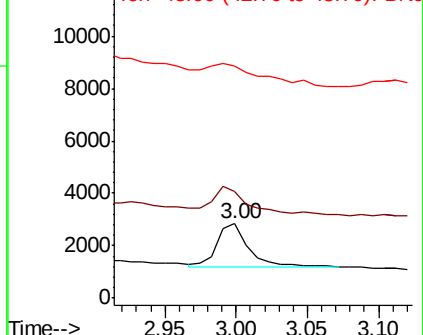
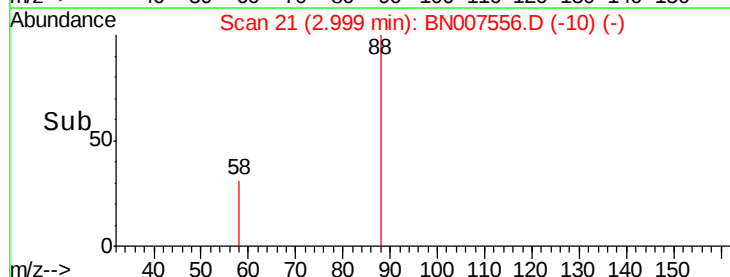
#2

1,4-Dioxane
Concen: 0.281 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007556.D
Acq: 06 Sep 2019 23:49

Tgt Ion: 88 Resp: 2644
Ion Ratio Lower Upper
88 100
58 71.6 50.5 75.7
43 82.3 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



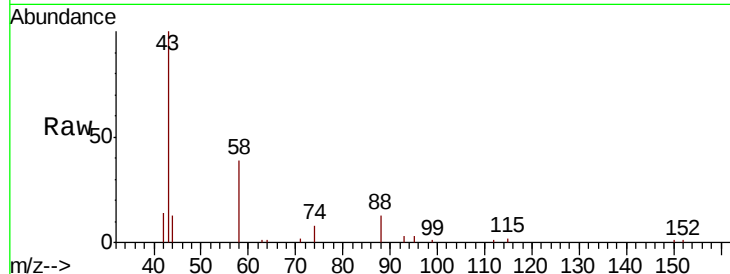


#3

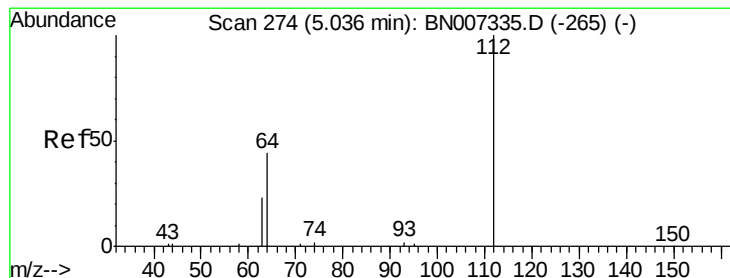
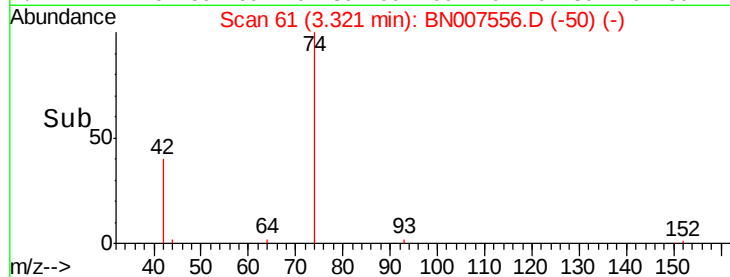
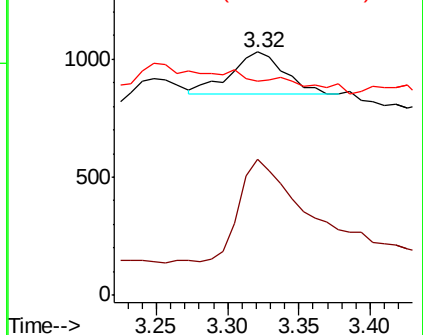
n-Nitrosodimethylamine
 Concen: 0.104 ng
 RT: 3.32 min Scan# 61
 Delta R.T. -0.01 min
 Lab File: BN007556.D
 Acq: 06 Sep 2019 23:49

Instrument :
 BNA_N
 ClientSampled :

Tot Ion: 42 Resp: 456
 Ion Ratio Lower Upper
 42 100
 74 309.2 144.7 217.1#
 44 0.0 3.2 4.8#



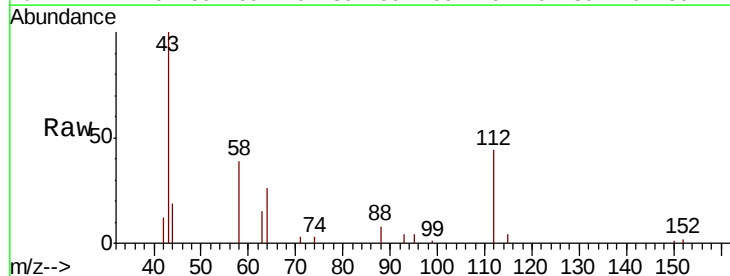
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



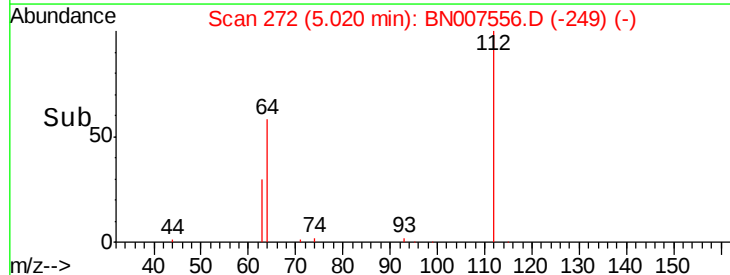
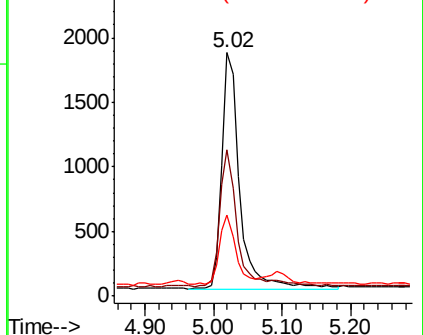
#4

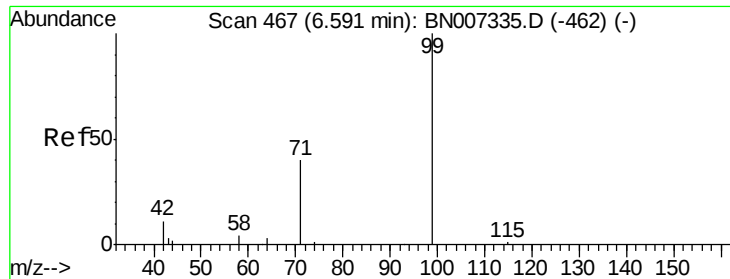
2-Fluorophenol
 Concen: 0.152 ng
 RT: 5.02 min Scan# 272
 Delta R.T. -0.02 min
 Lab File: BN007556.D
 Acq: 06 Sep 2019 23:49

Tgt Ion: 112 Resp: 3335
 Ion Ratio Lower Upper
 112 100
 64 55.8 42.3 63.5
 63 26.6 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: 0.087 ng

RT: 6.58 min Scan# 466

Delta R.T. -0.01 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

Instrument :

BNA_N

ClientSampleId :

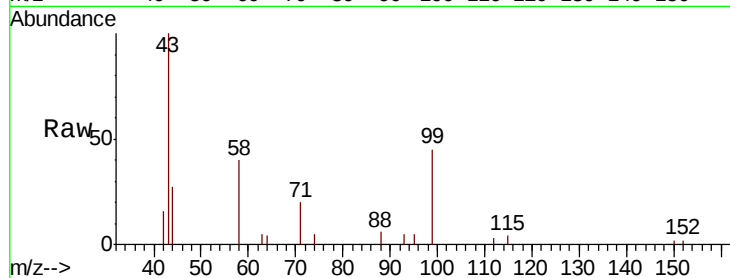
Tot Ion: 99 Resp: 2762

Ion Ratio Lower Upper

99 100

42 18.9 11.2 16.8#

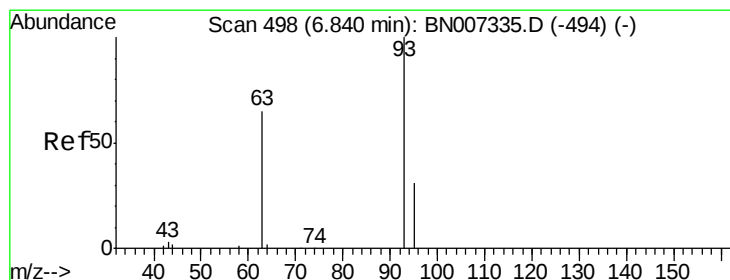
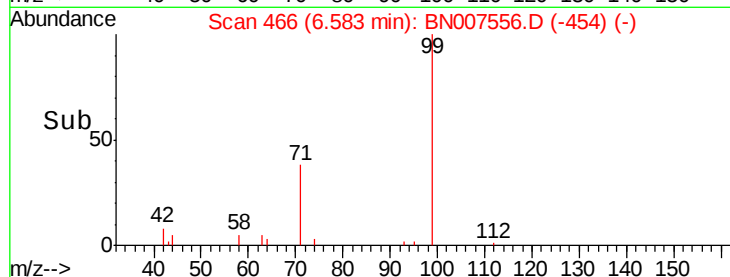
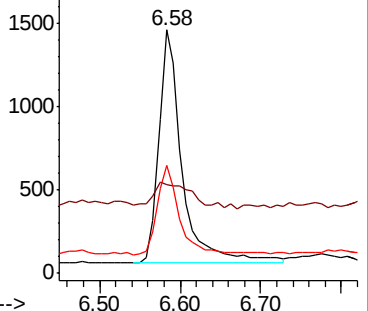
71 37.0 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007556.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007556.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007556.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.347 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

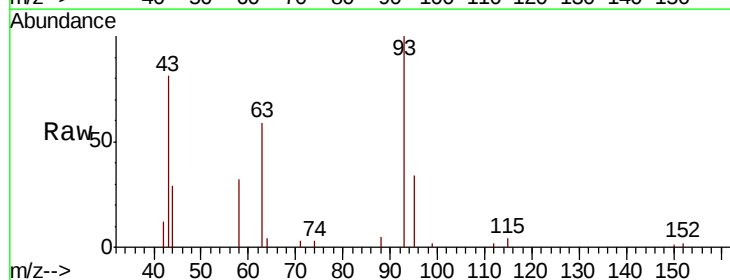
Tgt Ion: 93 Resp: 7099

Ion Ratio Lower Upper

93 100

63 64.3 51.9 77.9

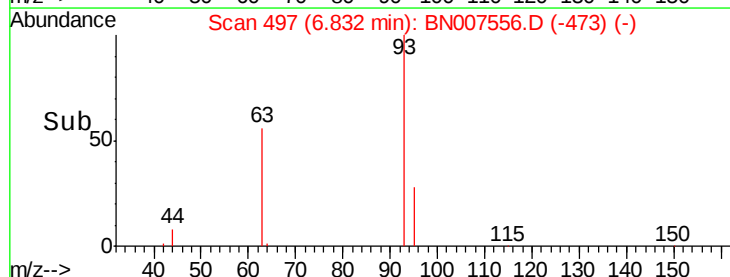
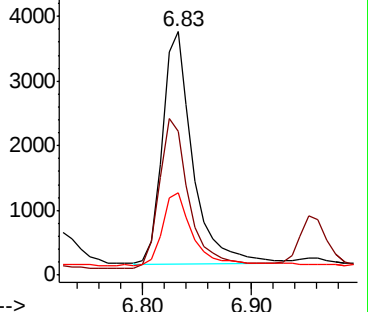
95 32.0 27.7 41.5

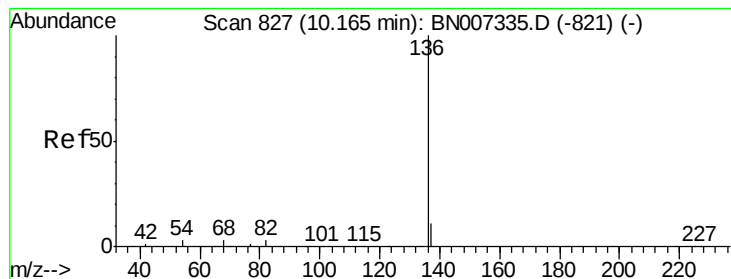


Abundance Ion 93.00 (92.70 to 93.70): BN007556.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN007556.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007556.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 825

Delta R.T. -0.03 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 22720

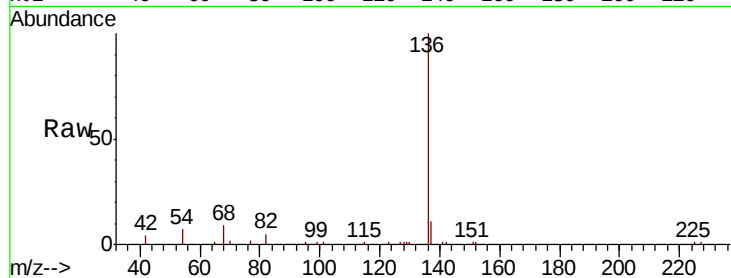
Ion Ratio Lower Upper

136 100

137 11.3 12.9 19.3#

54 6.6 8.6 12.8#

68 8.6 17.0 25.4#

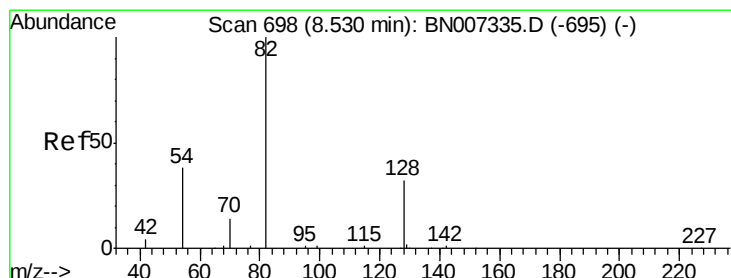
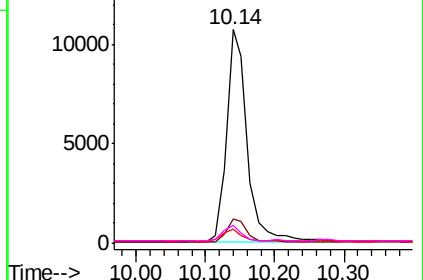
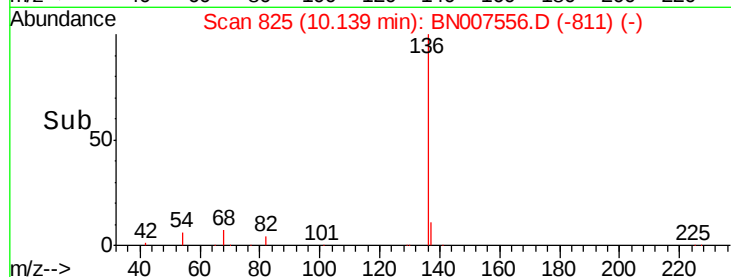


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.308 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

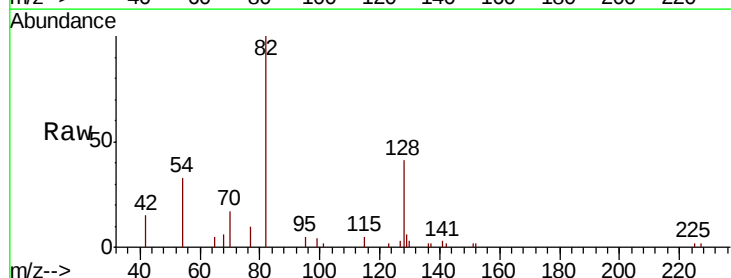
Tgt Ion: 82 Resp: 6090

Ion Ratio Lower Upper

82 100

128 41.3 19.7 29.5#

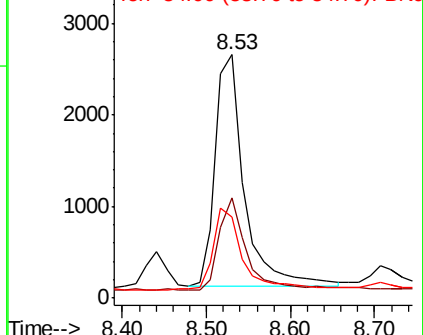
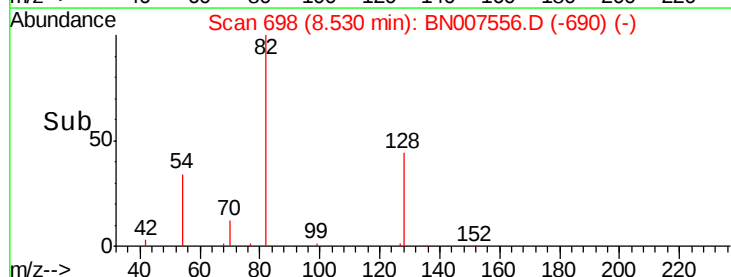
54 33.4 25.8 38.6

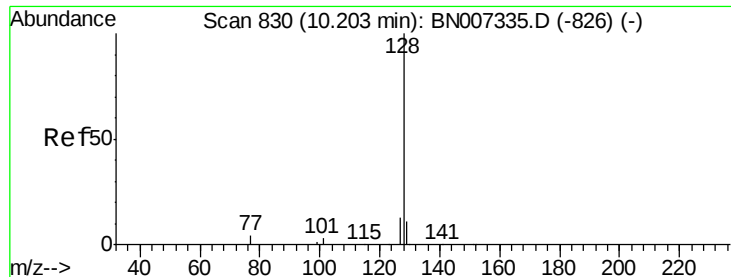


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.381 ng

RT: 10.19 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

Instrument :

BNA_N

ClientSampleId :

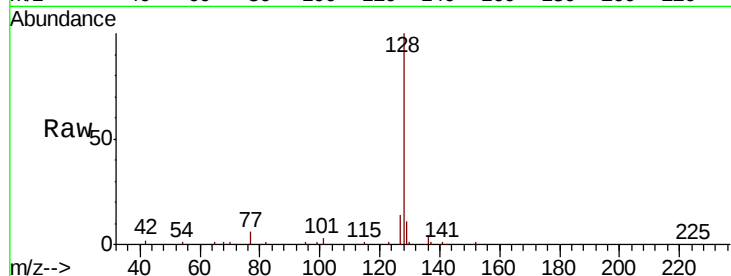
Tot Ion:128 Resp: 24738

Ion Ratio Lower Upper

128 100

129 11.4 11.1 16.7

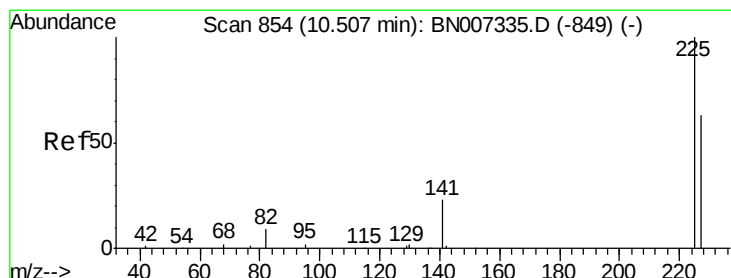
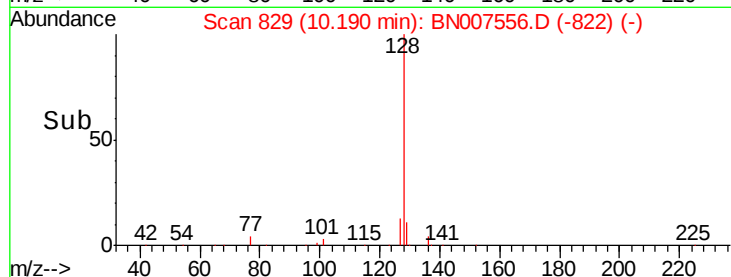
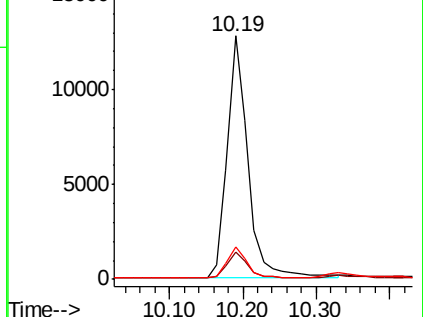
127 13.5 15.5 23.3#



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: 0.284 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.01 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

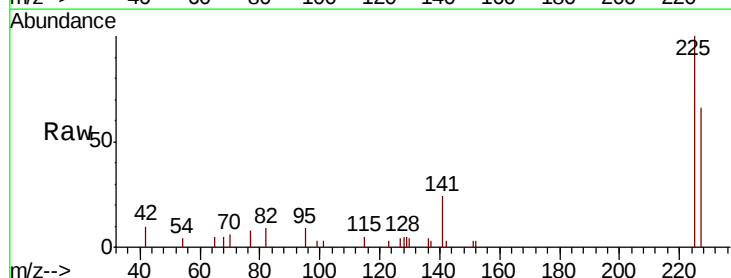
Tgt Ion:225 Resp: 3779

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

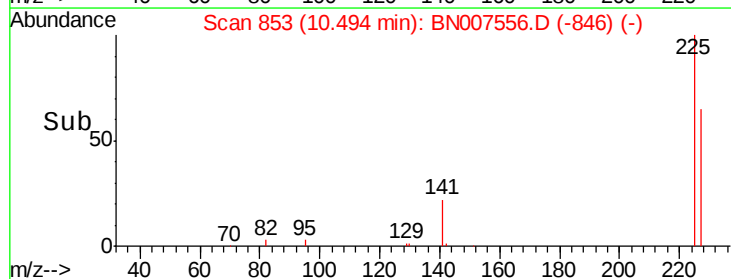
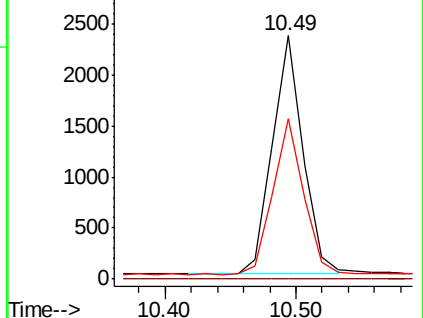
227 65.3 50.7 76.1



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: 0.535 ng

RT: 11.74 min Scan# 986

Delta R.T. -0.02 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

Instrument :

BNA_N

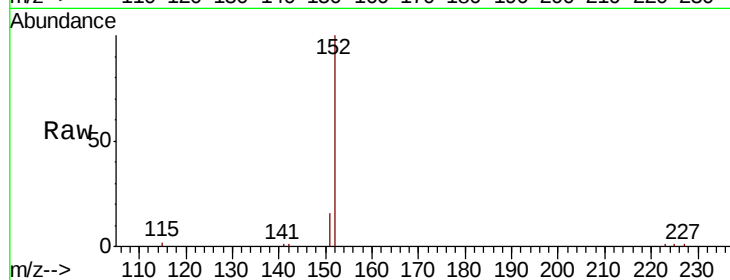
ClientSampleId :

Tot Ion:152 Resp: 20196

Ion Ratio Lower Upper

152 100

151 11.9 16.2 24.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.74

8000

6000

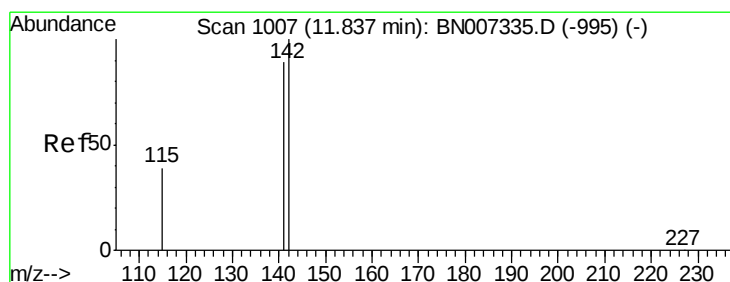
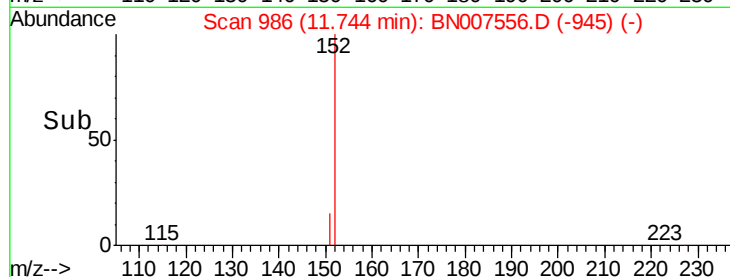
4000

2000

0

Time-->

11.60 11.80



#12

2-Methylnaphthalene

Concen: 0.408 ng

RT: 11.82 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

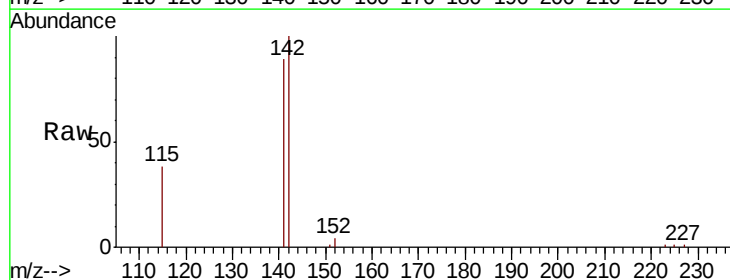
Tgt Ion:142 Resp: 18064

Ion Ratio Lower Upper

142 100

141 89.2 72.8 109.2

115 37.9 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

12000

10000

8000

6000

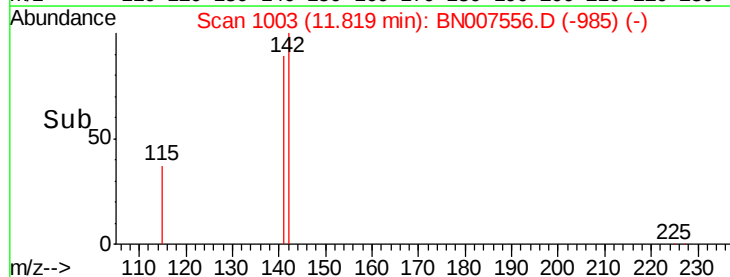
4000

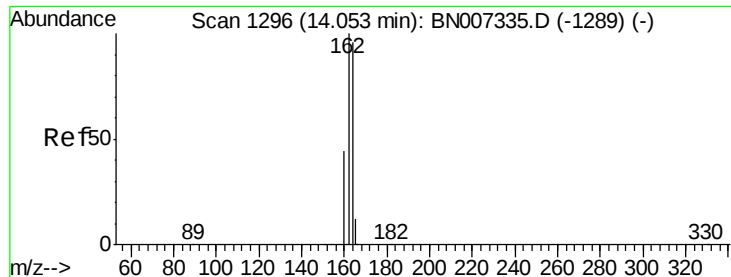
2000

0

Time-->

11.70 11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

Instrument :

BNA_N

ClientSampled :

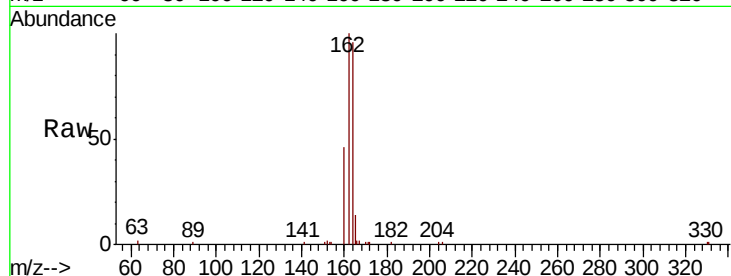
Tot Ion:164 Resp: 11872

Ion Ratio Lower Upper

164 100

162 104.3 83.5 125.3

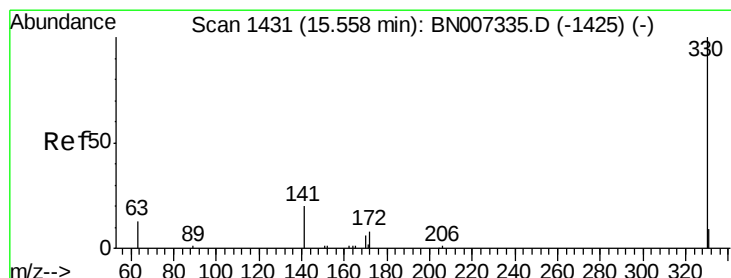
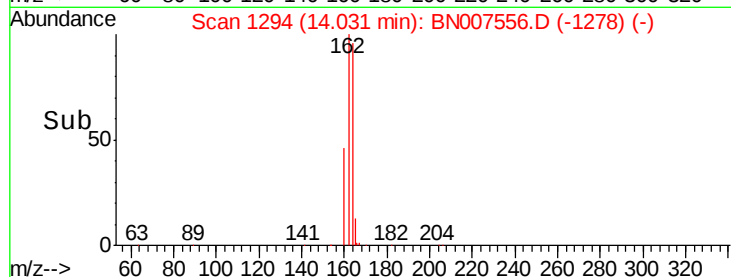
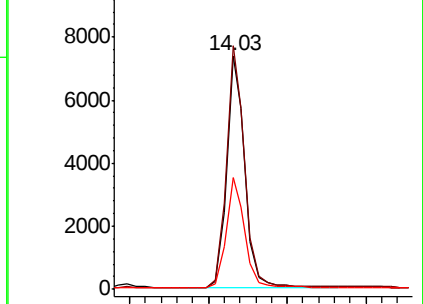
160 47.9 38.2 57.4



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: 0.303 ng

RT: 15.54 min Scan# 1429

Delta R.T. -0.02 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

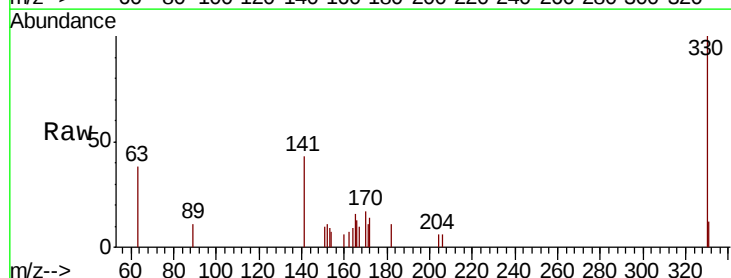
Tgt Ion:330 Resp: 1884

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

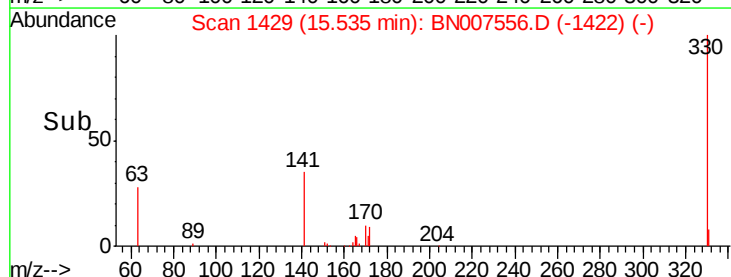
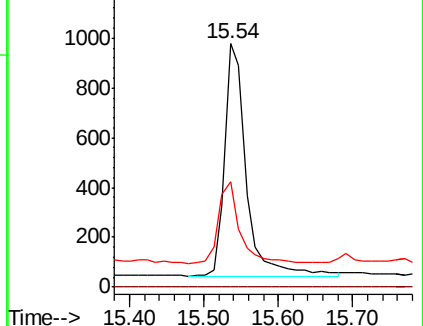
141 34.2 26.9 40.3



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

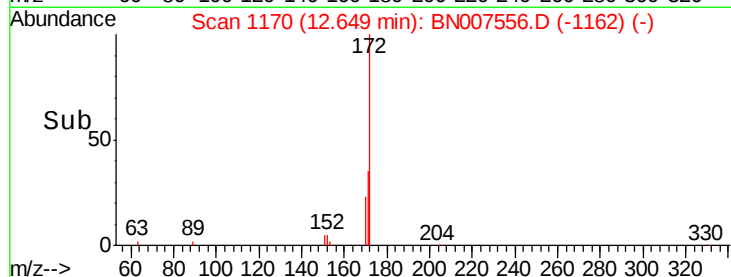
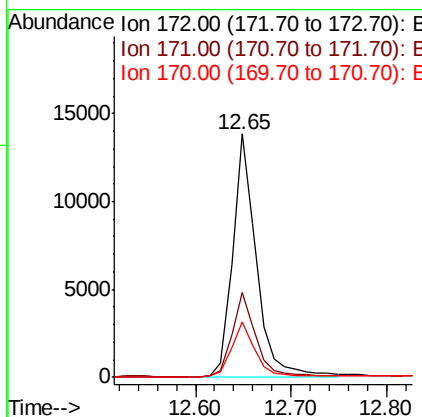
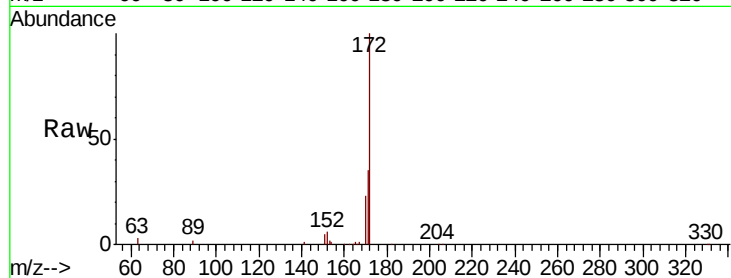




#15
2-Fluorobiphenyl
Concen: 0.494 ng
RT: 12.65 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BN007556.D
Acq: 06 Sep 2019 23:49

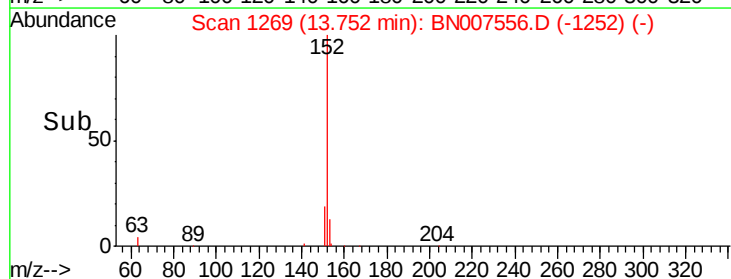
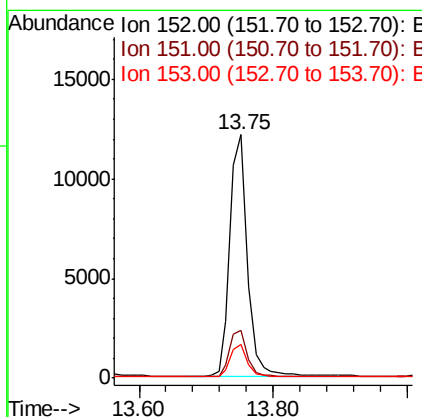
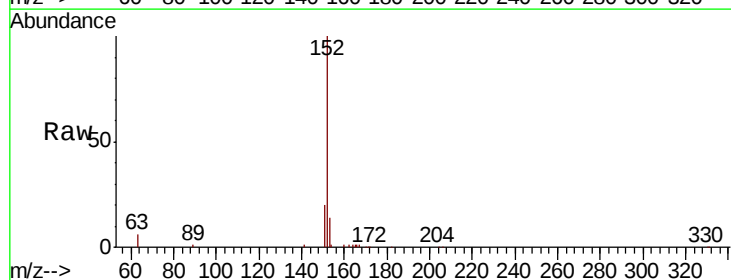
Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.3	45.5
170	22.9	20.7	31.1



#16
Acenaphthylene
Concen: 0.315 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BN007556.D
Acq: 06 Sep 2019 23:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.1	24.1
153	12.9	10.6	15.8





#17

Acenaphthene

Concen: 0.357 ng

RT: 14.10 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

Instrument :

BNA_N

ClientSampled :

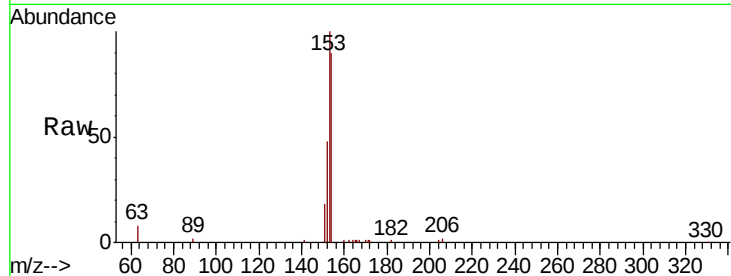
Tot Ion:154 Resp: 14677

Ion Ratio Lower Upper

154 100

153 112.0 92.8 139.2

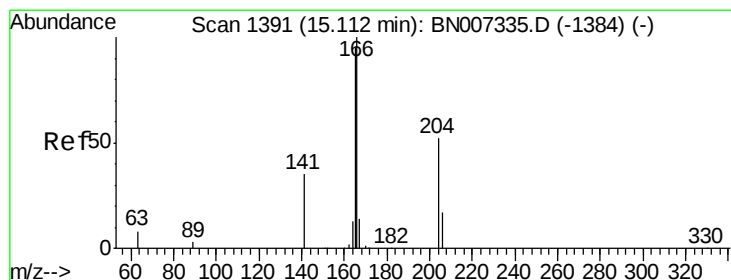
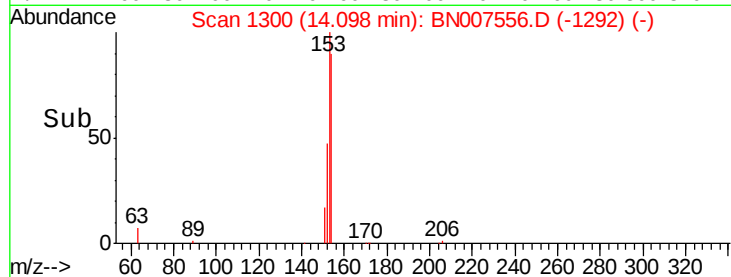
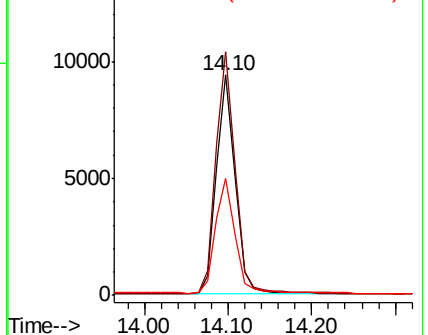
152 54.1 43.8 65.8



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: 0.355 ng

RT: 15.09 min Scan# 1389

Delta R.T. -0.02 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

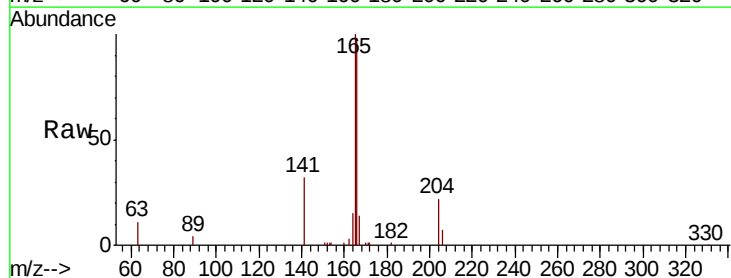
Tgt Ion:166 Resp: 18441

Ion Ratio Lower Upper

166 100

165 98.9 79.0 118.4

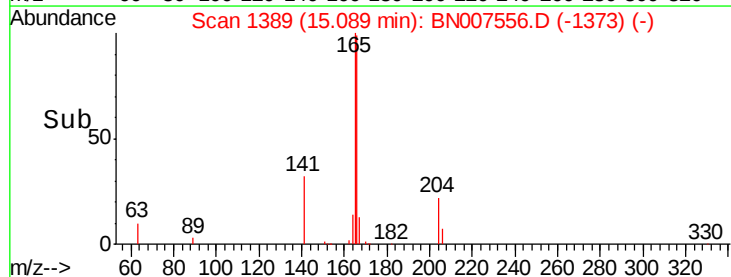
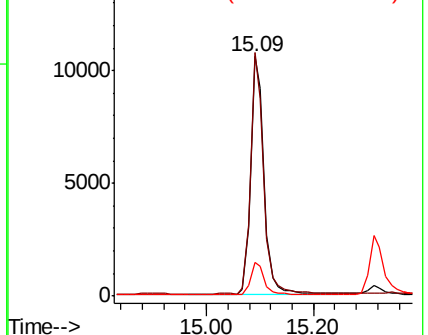
167 13.6 10.6 15.8

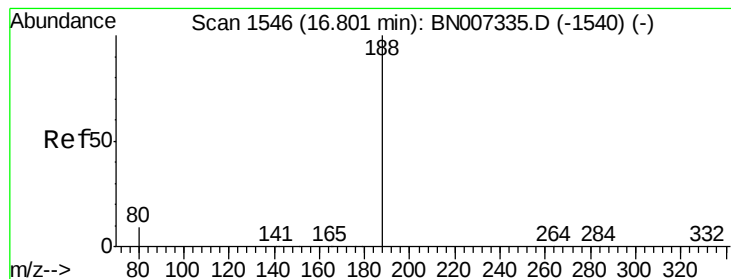


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

Instrument :

BNA_N

ClientSampleId :

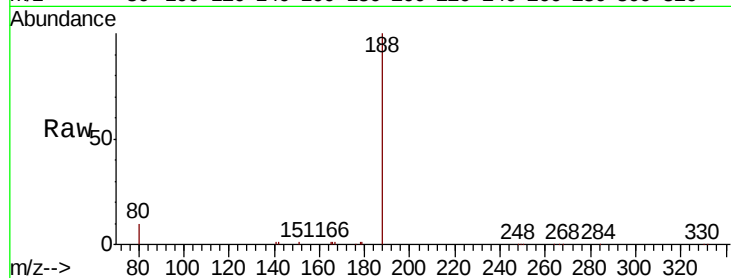
Tot Ion:188 Resp: 25350

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.8 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

16.79

15000

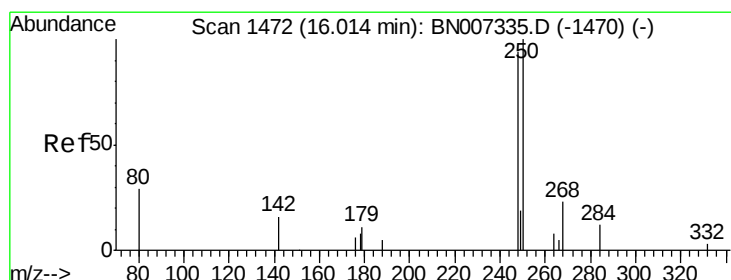
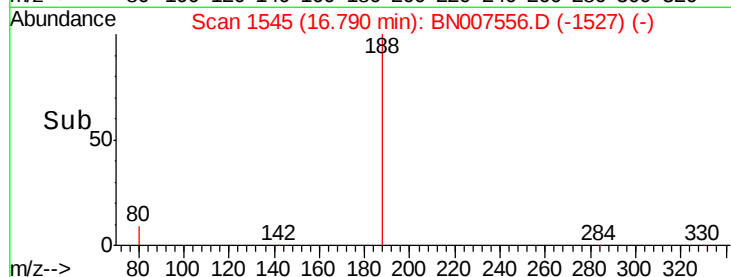
10000

5000

0

16.70 16.80 16.90

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.082 ng

RT: 16.01 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

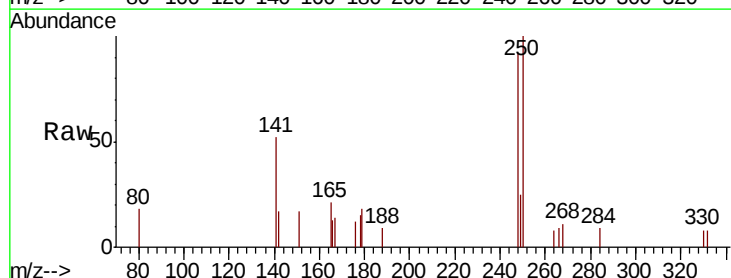
Tgt Ion:248 Resp: 824

Ion Ratio Lower Upper

248 100

250 108.5 85.0 127.6

141 56.1 51.7 77.5



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

3000

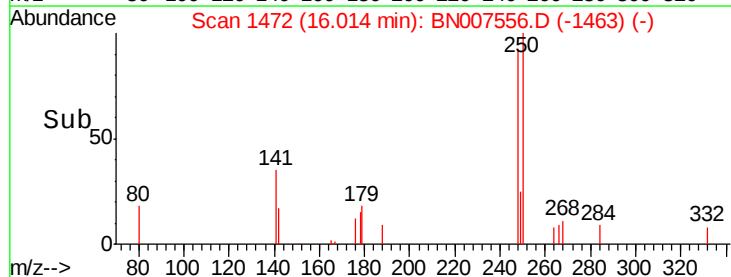
2000

1000

0

15.95 16.00 16.05 16.10

Time-->

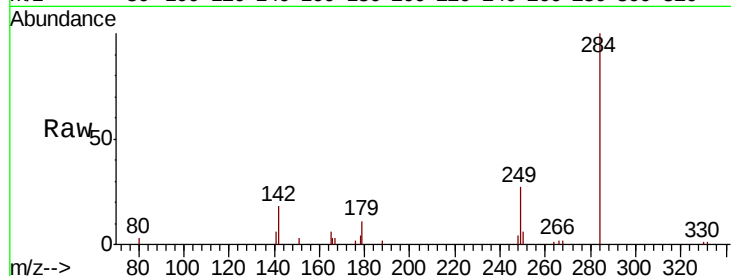




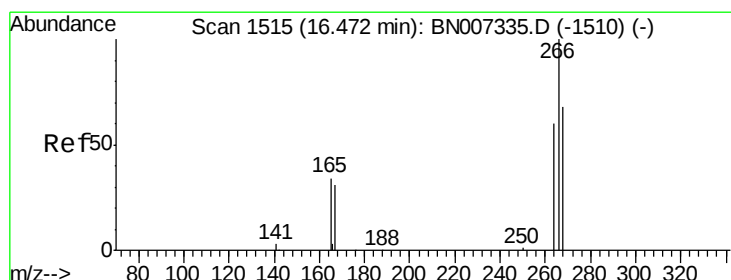
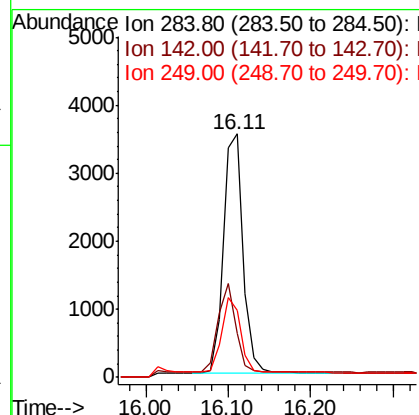
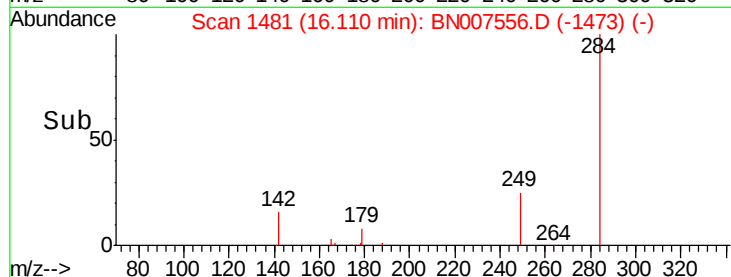
#21
Hexachlorobenzene
Concen: 0.349 ng
RT: 16.11 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BN007556.D
Acq: 06 Sep 2019 23:49

Instrument :
BNA_N
ClientSampled :

Tot Ion:284 Resp: 5933
Ion Ratio Lower Upper
284 100
142 33.1 29.0 43.6
249 30.8 24.9 37.3

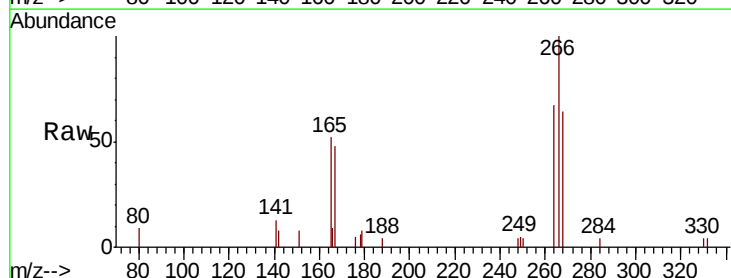


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

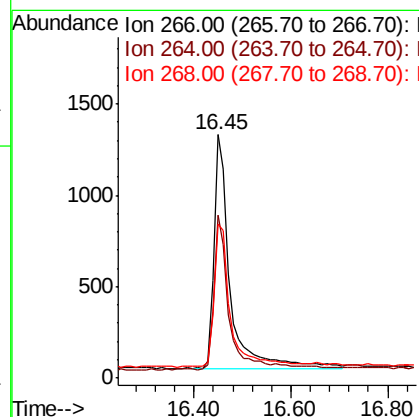
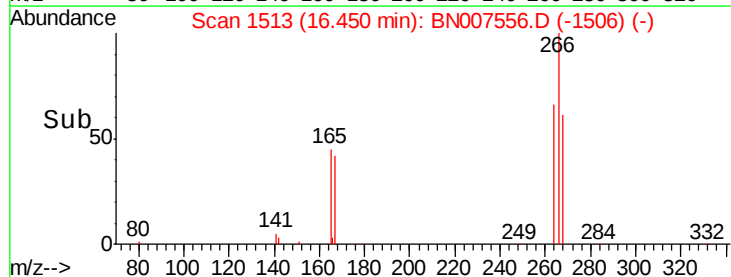


#22
Pentachlorophenol
Concen: 0.562 ng
RT: 16.45 min Scan# 1513
Delta R.T. -0.02 min
Lab File: BN007556.D
Acq: 06 Sep 2019 23:49

Tgt Ion:266 Resp: 2966
Ion Ratio Lower Upper
266 100
264 67.2 57.8 86.8
268 63.5 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: 0.432 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

Instrument :

BNA_N

ClientSampleId :

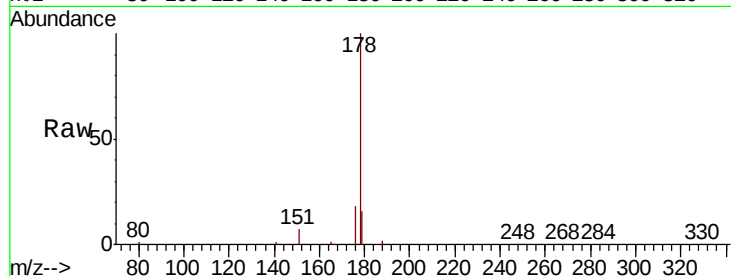
Tot Ion:178 Resp: 32908

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

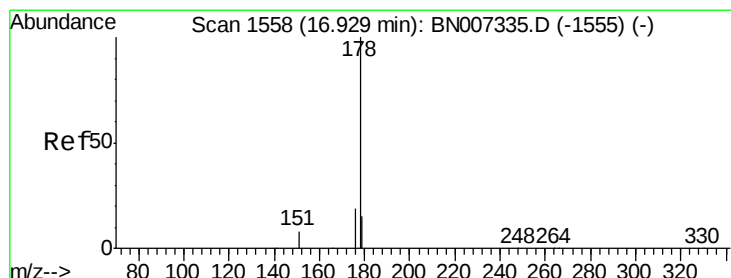
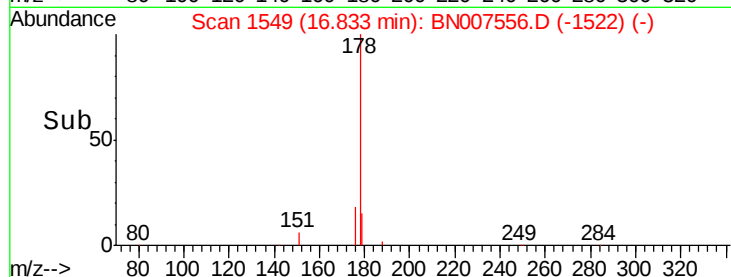
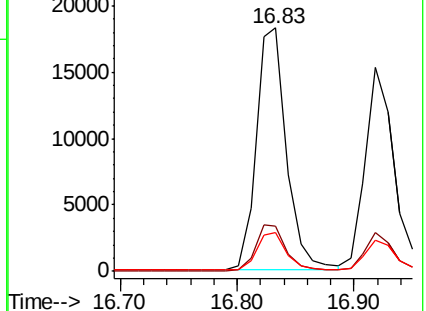
179 15.5 12.6 19.0



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: 0.352 ng

RT: 16.92 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

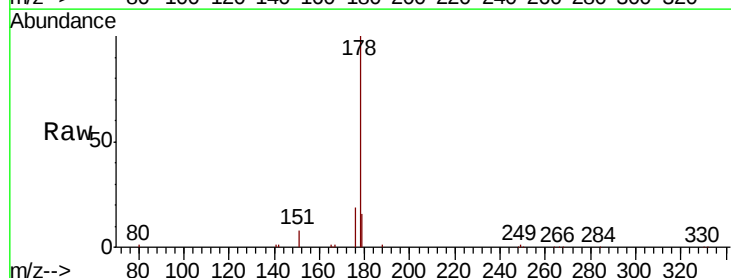
Tgt Ion:178 Resp: 27002

Ion Ratio Lower Upper

178 100

176 18.0 14.9 22.3

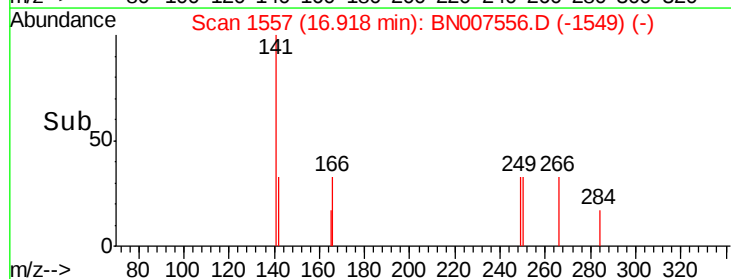
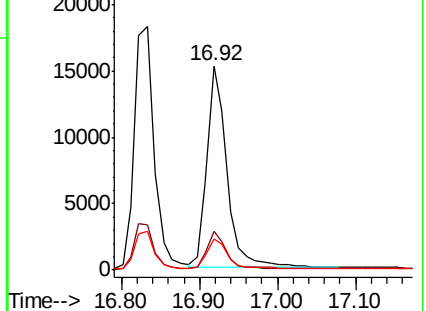
179 15.1 12.4 18.6



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: 0.347 ng

RT: 18.83 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

Instrument :

BNA_N

ClientSampled :

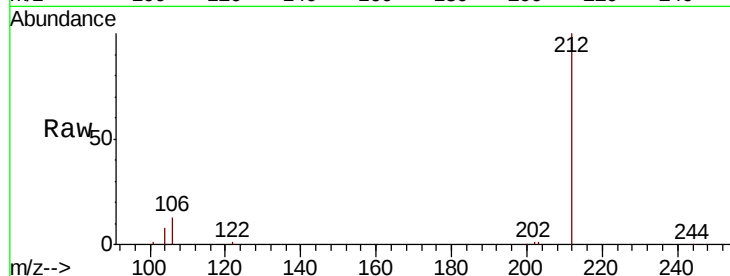
Tot Ion:212 Resp: 28345

Ion Ratio Lower Upper

212 100

106 13.5 9.0 13.4#

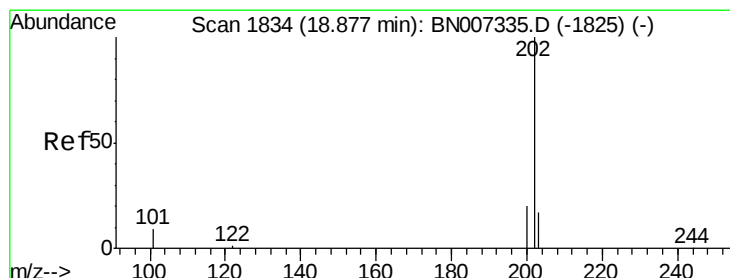
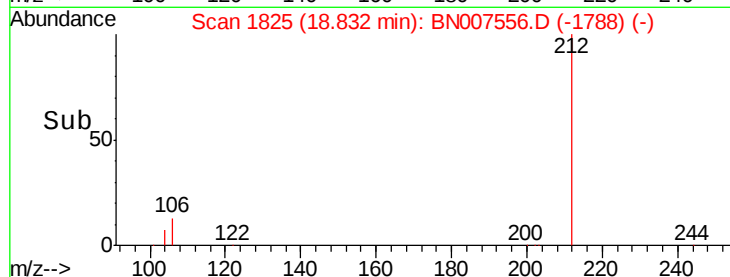
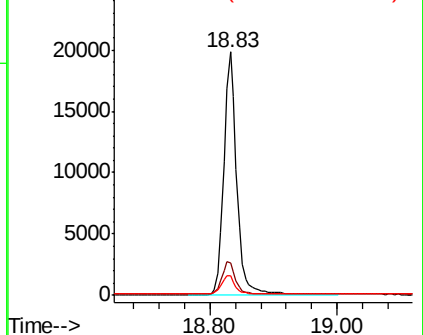
104 7.6 5.4 8.2



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: 0.366 ng

RT: 18.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

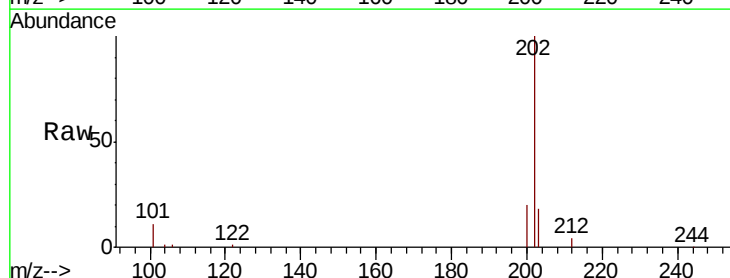
Tgt Ion:202 Resp: 35869

Ion Ratio Lower Upper

202 100

101 11.4 7.7 11.5

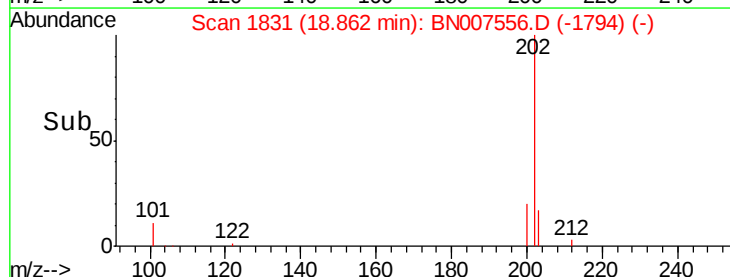
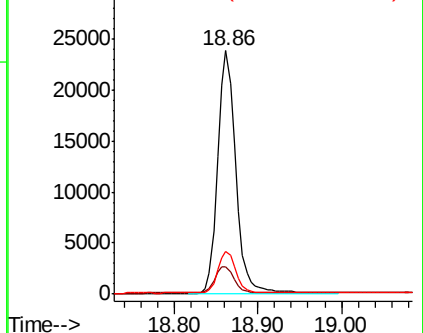
203 17.0 13.7 20.5



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

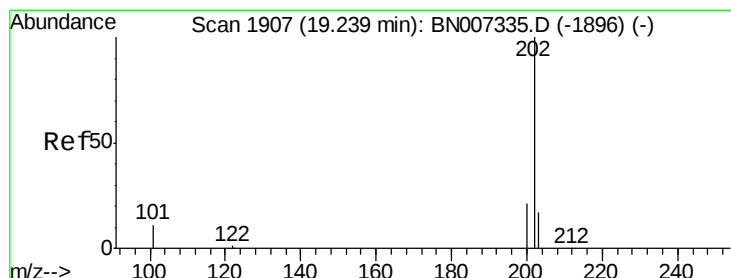
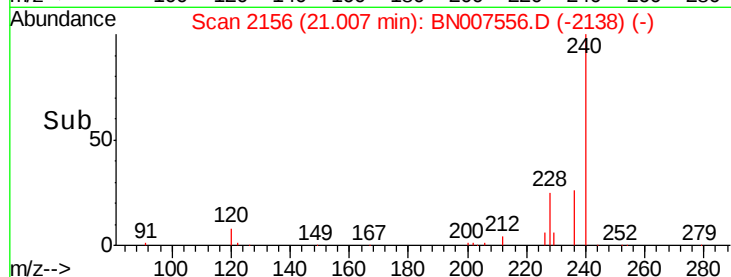
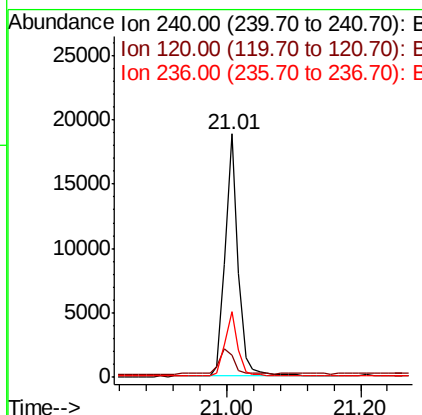
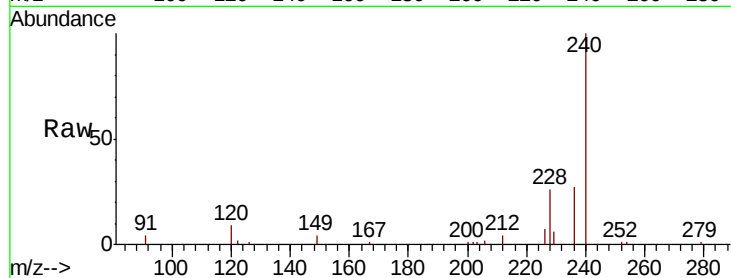




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.01 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007556.D
Acq: 06 Sep 2019 23:49

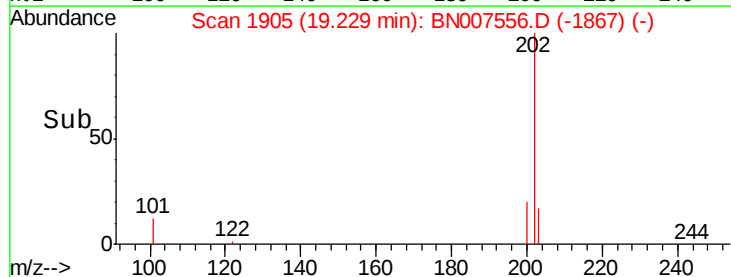
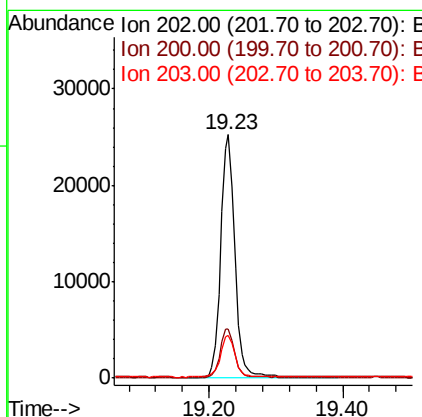
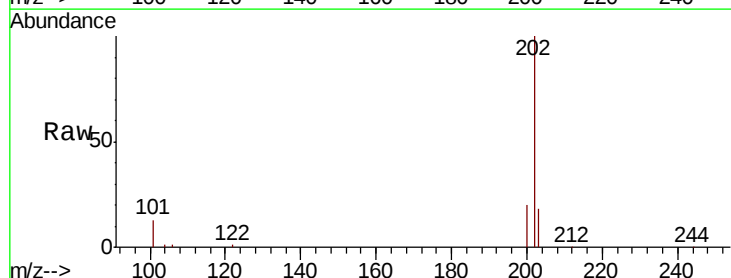
Instrument :
BNA_N
ClientSampled :

Tot Ion:240 Resp: 25262
Ion Ratio Lower Upper
240 100
120 8.9 9.6 14.4#
236 26.8 22.2 33.2



#28
Pyrene
Concen: 0.363 ng
RT: 19.23 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BN007556.D
Acq: 06 Sep 2019 23:49

Tgt Ion:202 Resp: 36937
Ion Ratio Lower Upper
202 100
200 20.4 16.6 25.0
203 17.9 14.2 21.4





#29

Terphenyl-d14

Concen: 0.455 ng

RT: 19.45 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

Instrument :

BNA_N

ClientSampleId :

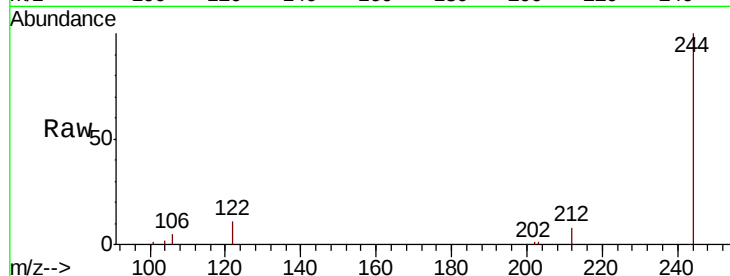
Tot Ion:244 Resp: 30096

Ion Ratio Lower Upper

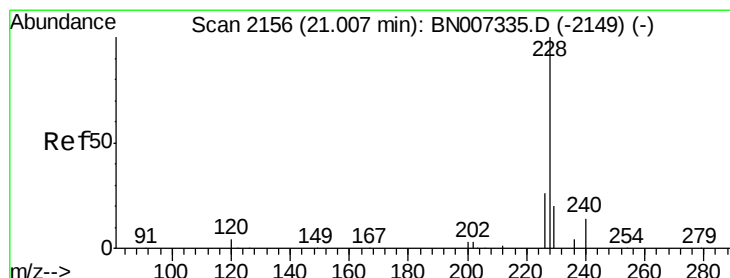
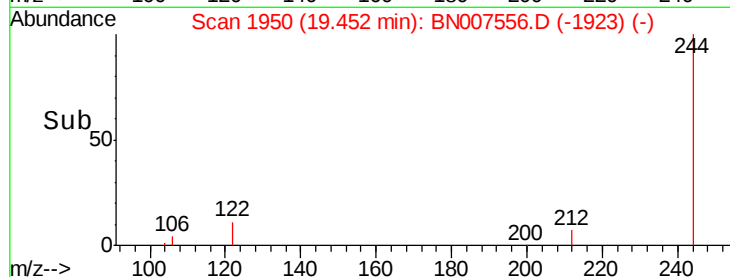
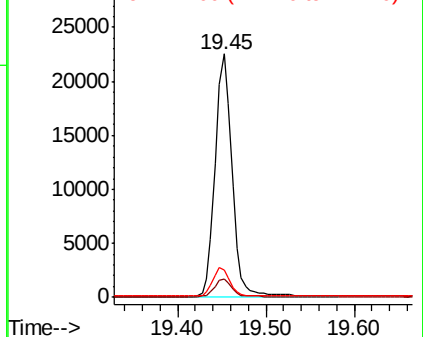
244 100

212 7.6 7.0 10.6

122 11.1 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: 0.320 ng

RT: 20.99 min Scan# 2154

Delta R.T. -0.02 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

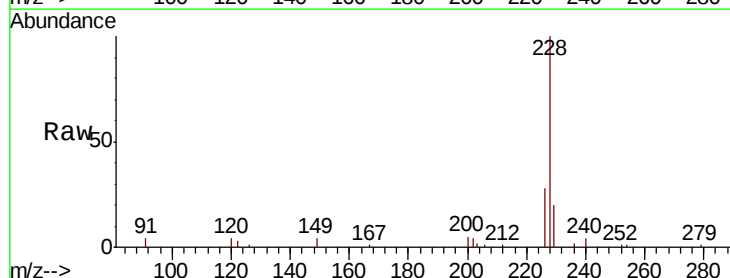
Tgt Ion:228 Resp: 31761

Ion Ratio Lower Upper

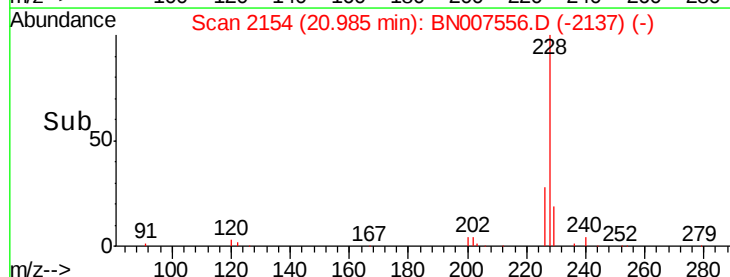
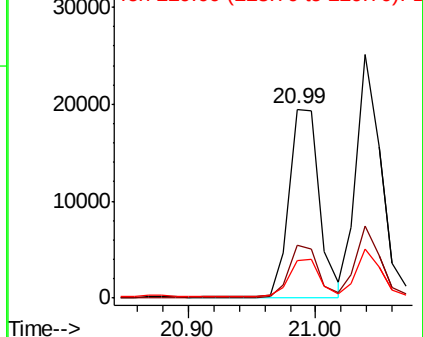
228 100

226 28.1 21.3 31.9

229 20.0 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: 0.351 ng

RT: 21.04 min Scan# 2159

Delta R.T. -0.02 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

Instrument :

BNA_N

ClientSampleId :

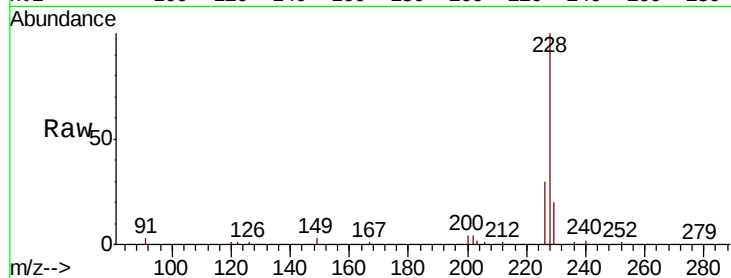
Tot Ion:228 Resp: 33602

Ion Ratio Lower Upper

228 100

226 29.9 23.5 35.3

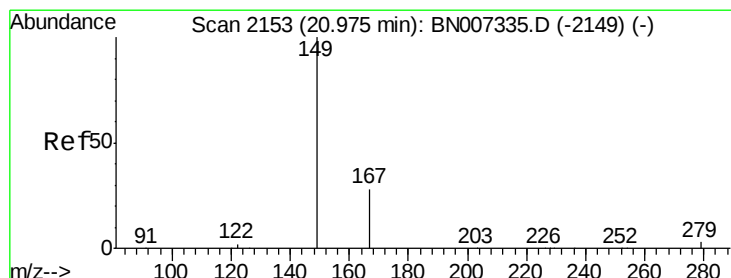
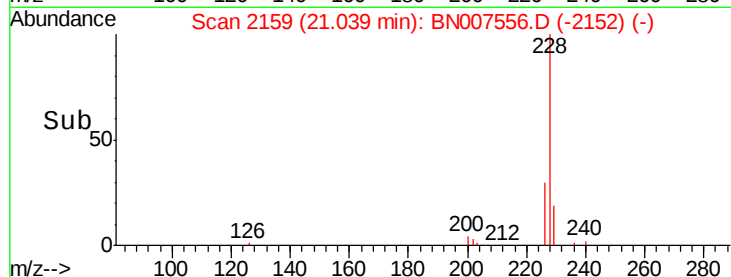
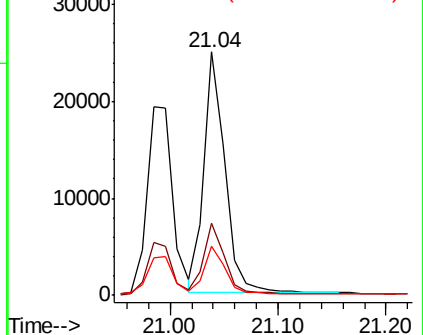
229 20.1 16.6 24.8



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: 0.291 ng

RT: 20.95 min Scan# 2151

Delta R.T. -0.02 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

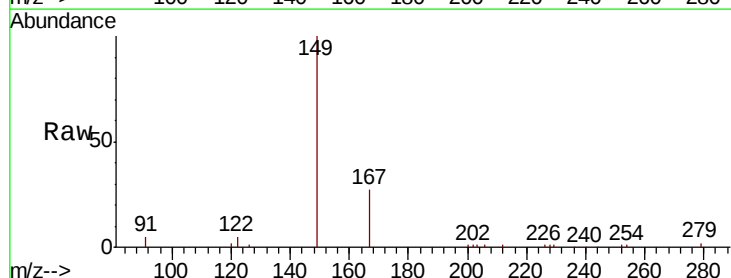
Tgt Ion:149 Resp: 19892

Ion Ratio Lower Upper

149 100

167 27.7 22.8 34.2

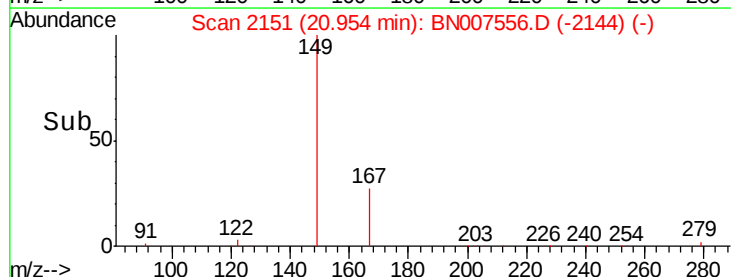
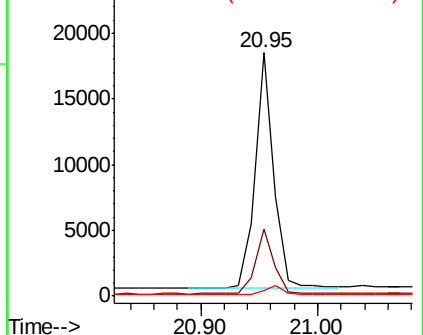
279 4.7 3.5 5.3

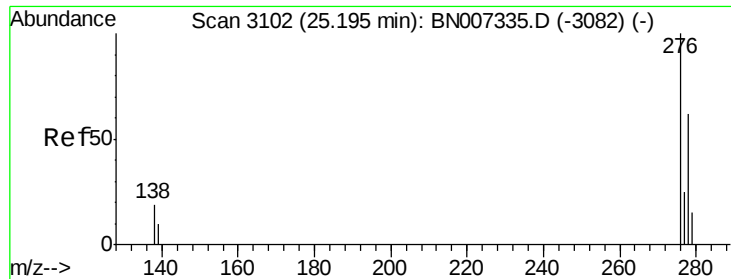


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

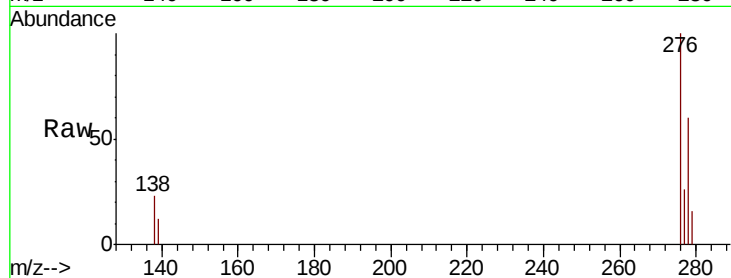




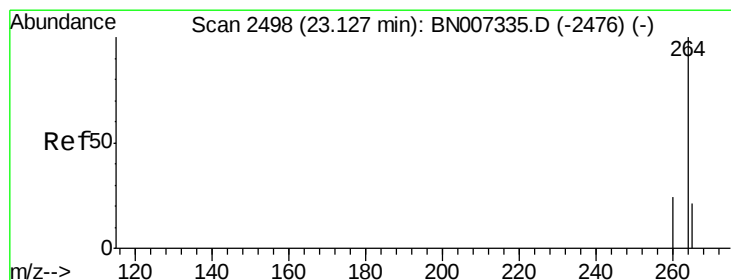
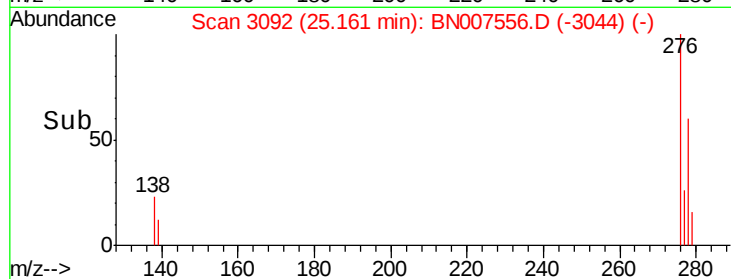
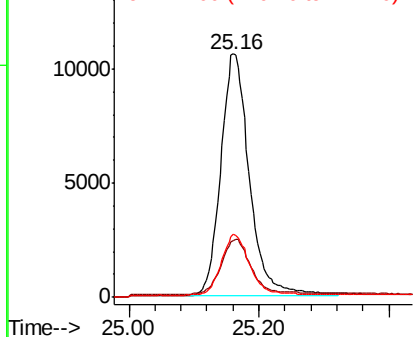
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.281 ng
 RT: 25.16 min Scan# 3092
 Delta R.T. -0.03 min
 Lab File: BN007556.D
 Acq: 06 Sep 2019 23:49

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 32418
 Ion Ratio Lower Upper
 276 100
 138 22.8 15.1 22.7#
 277 24.5 19.7 29.5

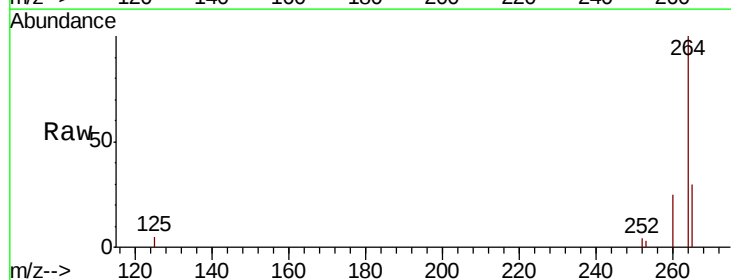


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

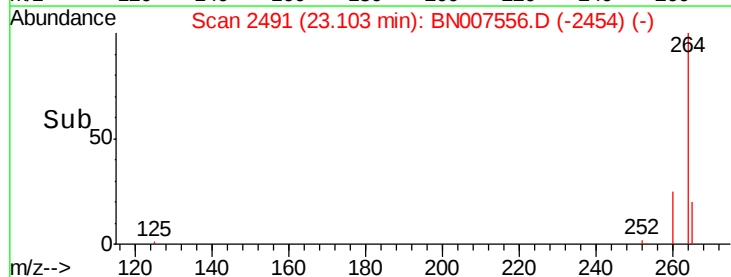
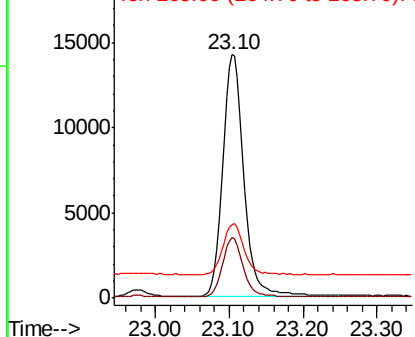


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.10 min Scan# 2491
 Delta R.T. -0.02 min
 Lab File: BN007556.D
 Acq: 06 Sep 2019 23:49

Tgt Ion:264 Resp: 27737
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.7 29.5
 265 30.2 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: 0.315 ng

RT: 22.49 min Scan# 2311

Delta R.T. -0.02 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

Instrument :

BNA_N

ClientSampleId :

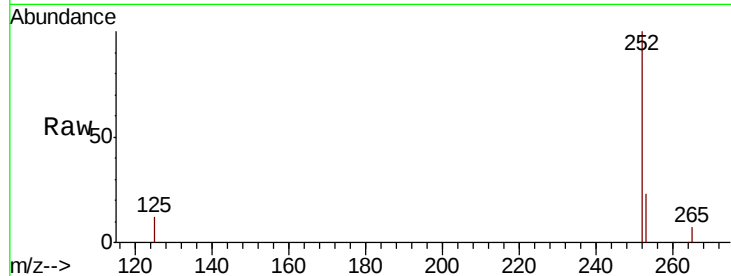
Tot Ion:252 Resp: 31696

Ion Ratio Lower Upper

252 100

253 23.2 19.2 28.8

125 11.7 10.6 16.0

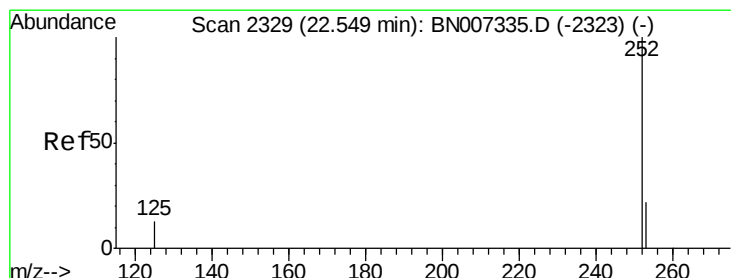
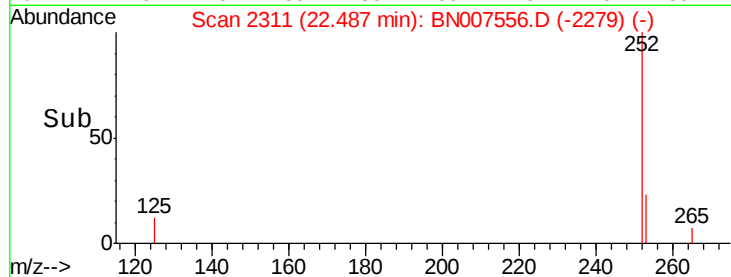
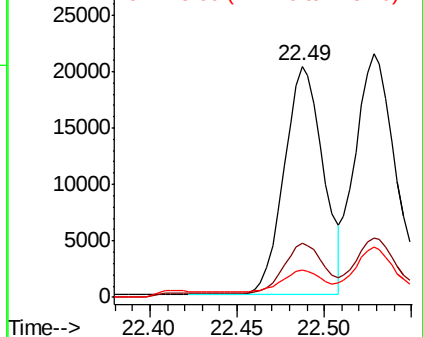


Abundance

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: 0.354 ng

RT: 22.53 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

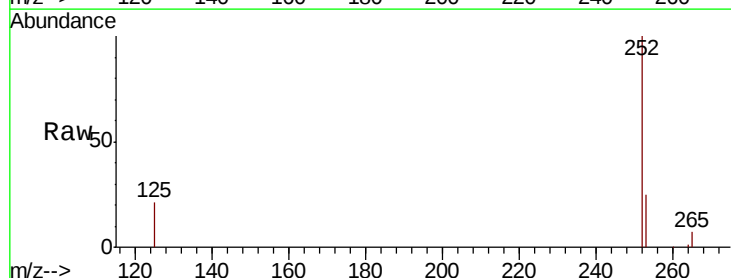
Tgt Ion:252 Resp: 35140

Ion Ratio Lower Upper

252 100

253 24.5 19.4 29.2

125 20.8 13.1 19.7#

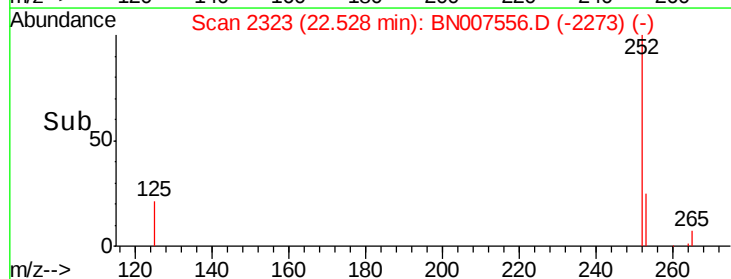
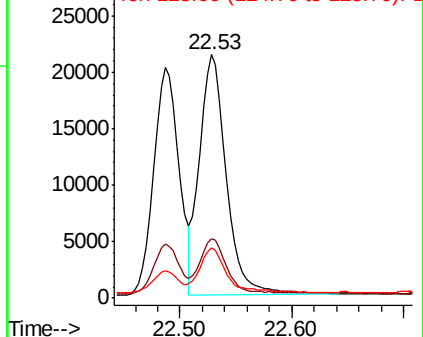


Abundance

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: 0.317 ng

RT: 23.01 min Scan# 2465

Delta R.T. -0.02 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

Instrument :

BNA_N

ClientSampleId :

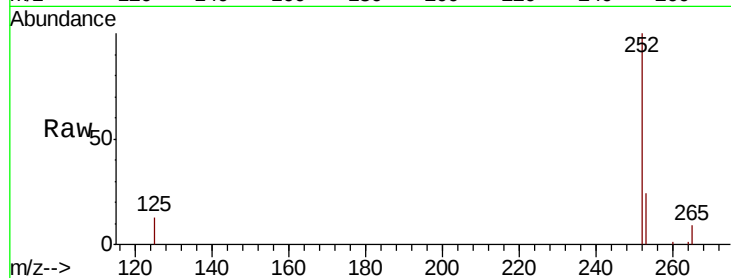
Tot Ion:252 Resp: 30319

Ion Ratio Lower Upper

252 100

253 23.7 19.5 29.3

125 13.1 12.1 18.1

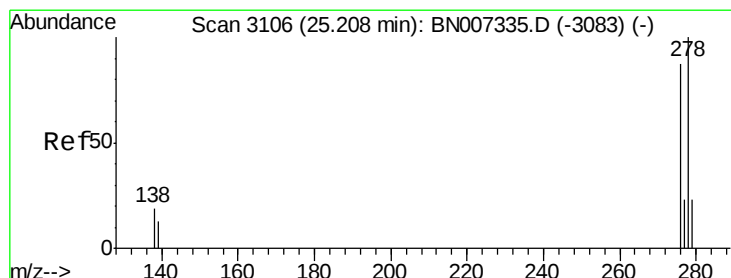
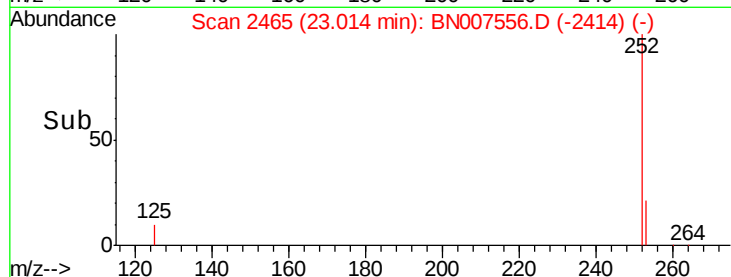
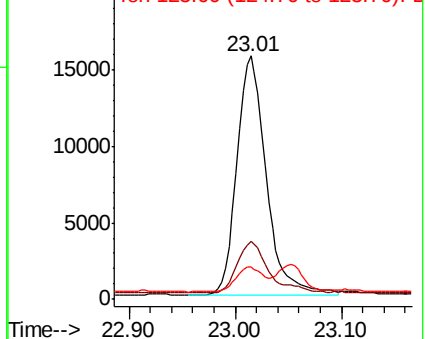


Abundance

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: 0.281 ng

RT: 25.18 min Scan# 3097

Delta R.T. -0.03 min

Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

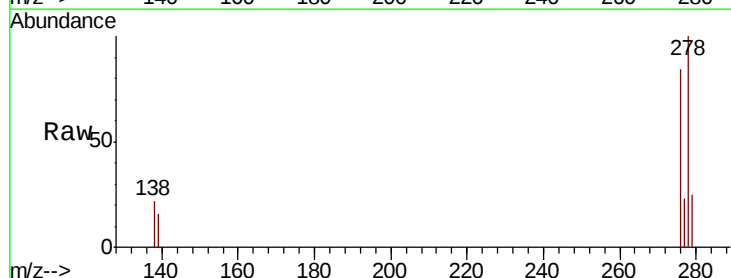
Tgt Ion:278 Resp: 26784

Ion Ratio Lower Upper

278 100

139 16.3 13.7 20.5

279 25.0 20.2 30.4

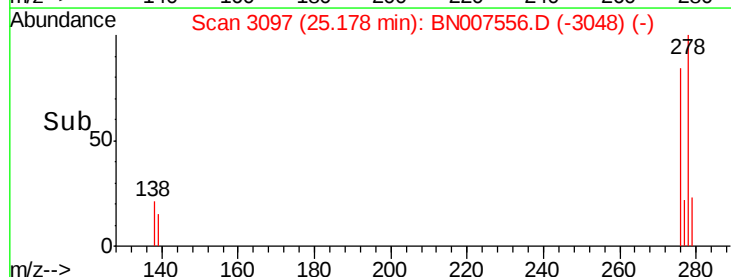
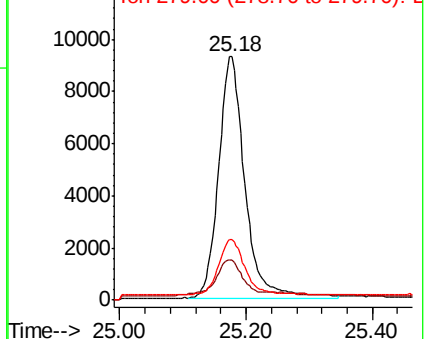


Abundance

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: 0.287 ng

RT: 25.78 min Scan# 3274

Delta R.T. -0.03 min

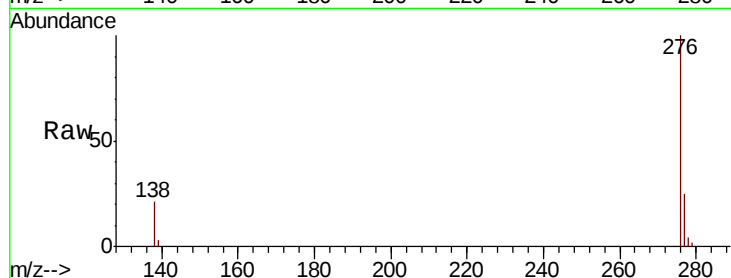
Lab File: BN007556.D

Acq: 06 Sep 2019 23:49

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 27302

Ion Ratio Lower Upper

276 100

277 24.7 19.6 29.4

138 21.2 16.3 24.5

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

