

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041320\
 Data File : BN010467.D
 Acq On : 13 Apr 2020 14:59
 Operator : CG/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

Quant Time: Apr 13 15:31:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 14:54:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4478	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	17998	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	11463	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	25703	0.40	ng	0.00
27) Chrysene-d12	21.19	240	26198	0.40	ng	0.00
34) Perylene-d12	23.36	264	23318	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	7527	0.85	ng	0.00
5) Phenol-d6	6.80	99	9956	0.90	ng	0.00
8) Nitrobenzene-d5	8.74	82	9535	0.83	ng	0.00
11) 2-Methylnaphthalene-d10	11.96	152	22856	0.80	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	4068	0.92	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	32228	0.73	ng	0.00
25) Fluoranthene-d10	19.01	212	59744	0.77	ng	0.00
29) Terphenyl-d14	19.62	244	46069	0.81	ng	0.00

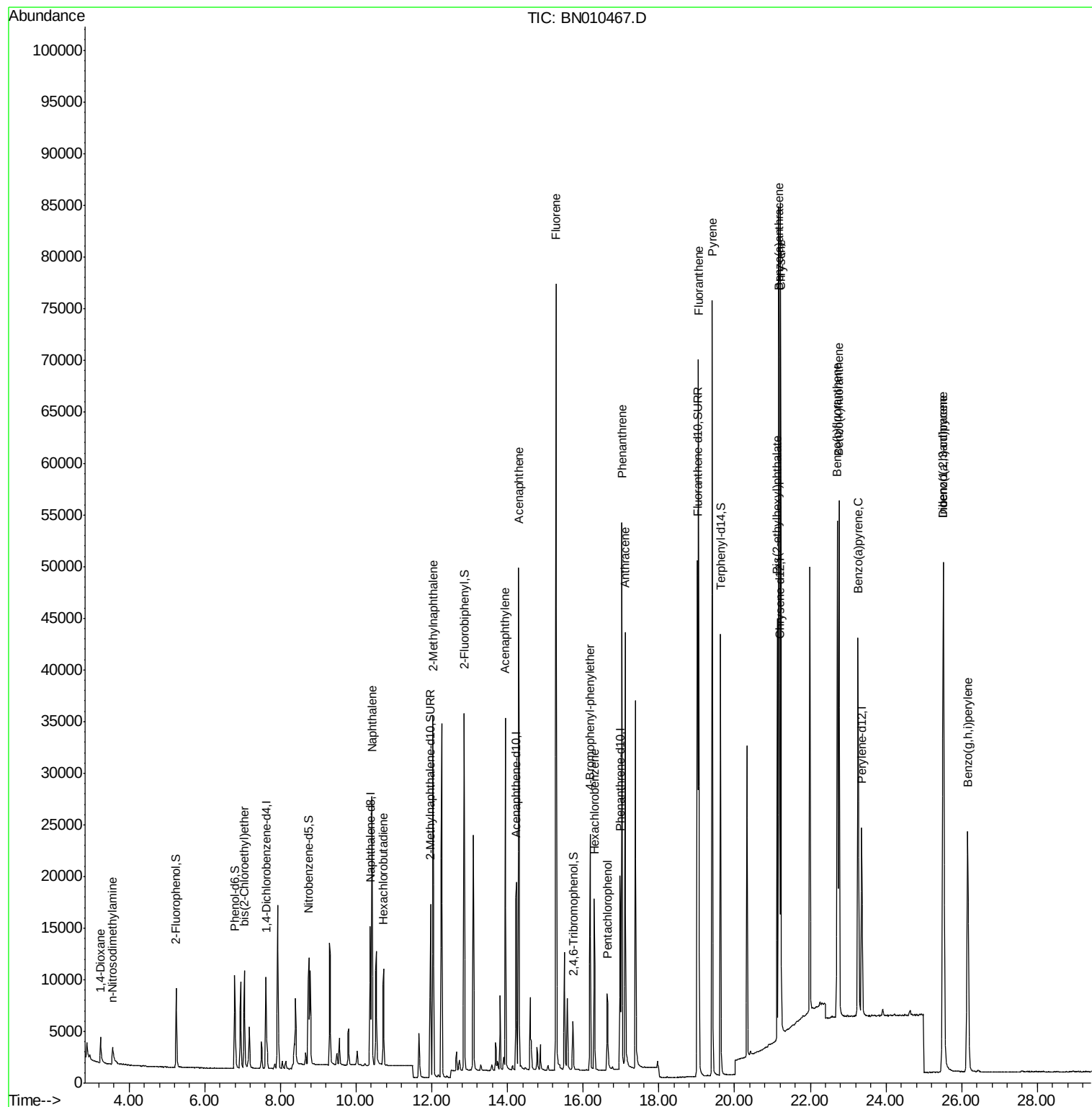
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	2581	0.614	ng	98
3) n-Nitrosodimethylamine	3.55	42	1641	0.462	ng	# 91
6) bis(2-Chloroethyl)ether	7.04	93	8696	0.821	ng	98
9) Naphthalene	10.42	128	34464	0.768	ng	99
10) Hexachlorobutadiene	10.72	225	8327	0.765	ng	# 99
12) 2-Methylnaphthalene	12.03	142	24801	0.797	ng	100
16) Acenaphthylene	13.95	152	37843	0.841	ng	100
17) Acenaphthene	14.29	154	23858	0.744	ng	99
18) Fluorene	15.28	166	31869	0.749	ng	100
20) 4-Bromophenyl-phenylether	16.18	248	11099	0.712	ng	# 83
21) Hexachlorobenzene	16.29	284	12370	0.772	ng	98
22) Pentachlorophenol	16.65	266	4496	0.820	ng	98
23) Phenanthrene	17.02	178	53642	0.759	ng	99
24) Anthracene	17.11	178	48567	0.804	ng	100
26) Fluoranthene	19.05	202	67044	0.774	ng	100
28) Pyrene	19.41	202	67680	0.830	ng	100
30) Benzo(a)anthracene	21.16	228	65793	0.789	ng	100
31) Chrysene	21.22	228	65295	0.730	ng	100
32) Bis(2-ethylhexyl)phthalate	21.12	149	32221	1.144	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	58760	0.613	ng	100
35) Benzo(b)fluoranthene	22.71	252	58139	0.734	ng	96
36) Benzo(k)fluoranthene	22.76	252	58539	0.726	ng	96
37) Benzo(a)pyrene	23.26	252	51363	0.768	ng	94
38) Dibenzo(a,h)anthracene	25.52	278	47789	0.661	ng	96
39) Benzo(g,h,i)perylene	26.16	276	47582	0.654	ng	99

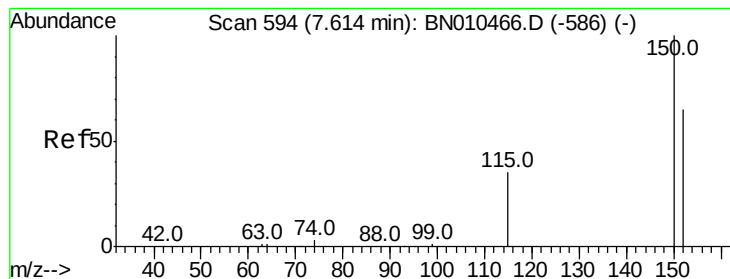
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 13 14:54:53 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.61 min Scan# 594

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

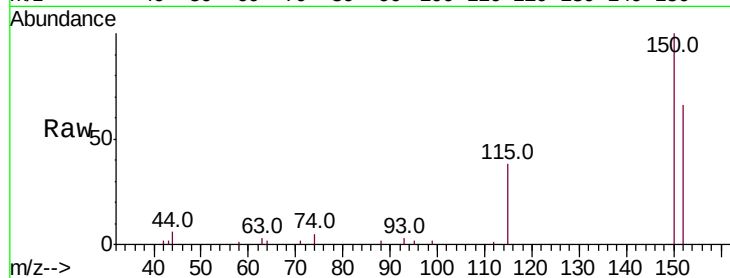
Tot Ion:152 Resp: 4478

Ion Ratio Lower Upper

152 100

150 150.6 121.8 182.6

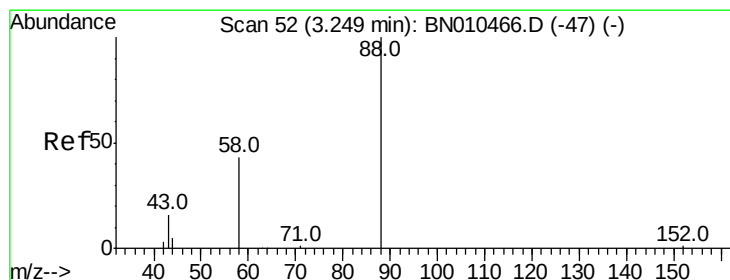
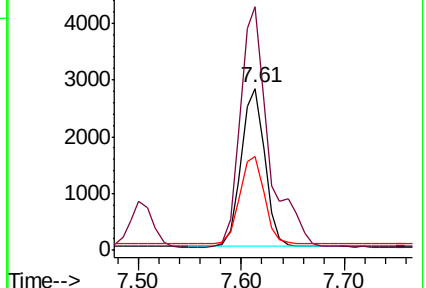
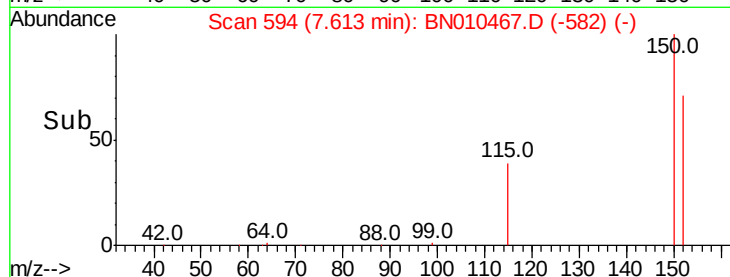
115 57.7 45.5 68.3



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: 0.614 ng

RT: 3.25 min Scan# 52

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

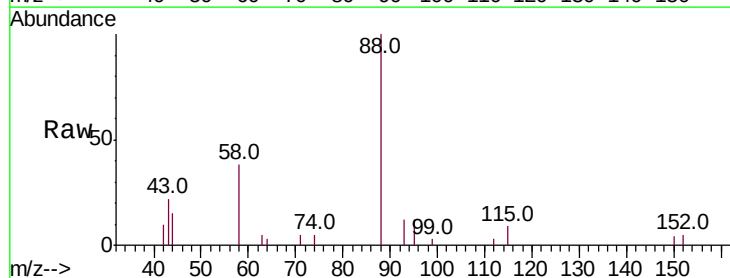
Tgt Ion: 88 Resp: 2581

Ion Ratio Lower Upper

88 100

58 47.0 36.5 54.7

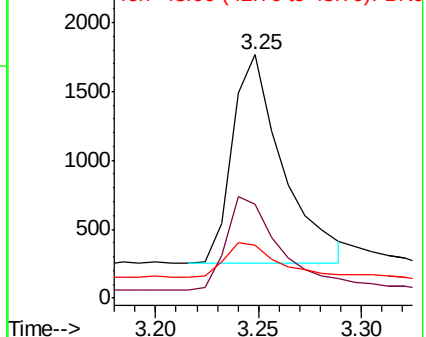
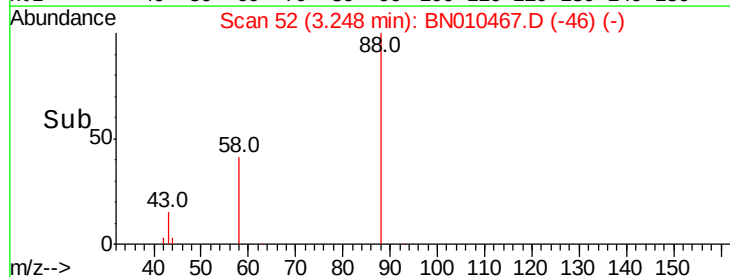
43 17.1 13.2 19.8

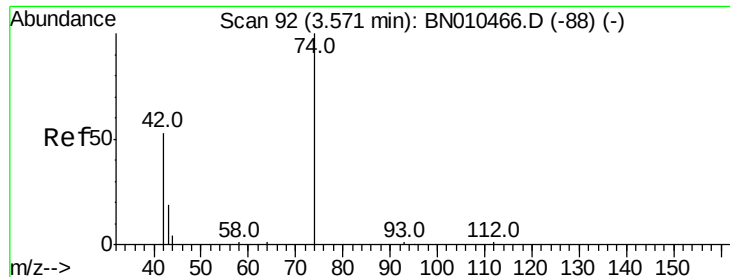


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.462 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.02 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

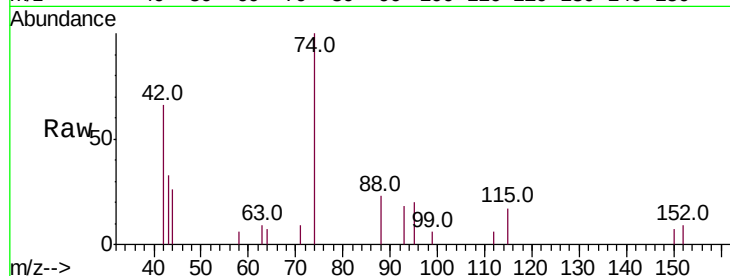
Tot Ion: 42 Resp: 1641

Ion Ratio Lower Upper

42 100

74 189.5 162.2 243.4

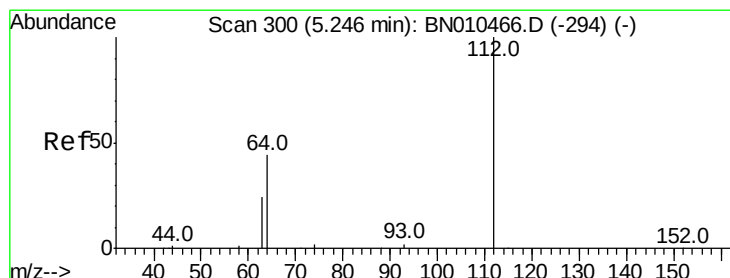
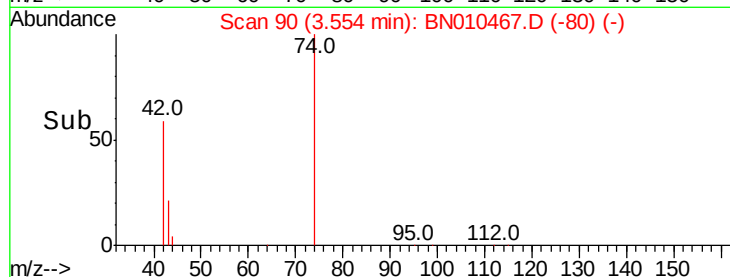
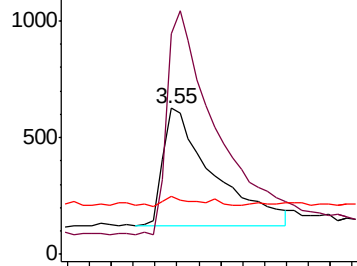
44 5.5 2.4 3.6#



Abundance Ion 42.00 (41.70 to 42.70): BN010466.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BN010466.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BN010466.D (-88) (-)



#4

2-Fluorophenol

Concen: 0.849 ng

RT: 5.25 min Scan# 300

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

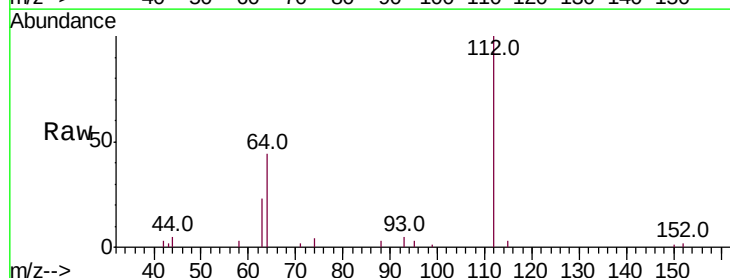
Tgt Ion: 112 Resp: 7527

Ion Ratio Lower Upper

112 100

64 45.3 35.8 53.8

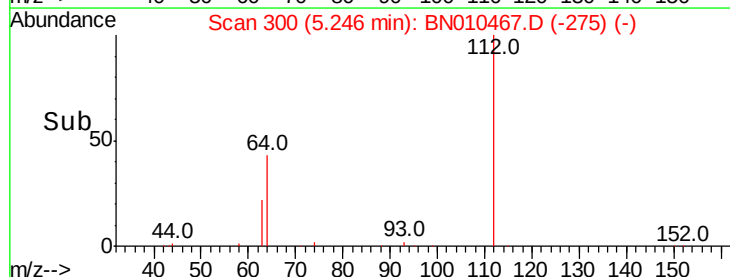
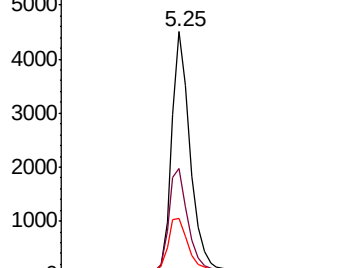
63 23.6 19.9 29.9

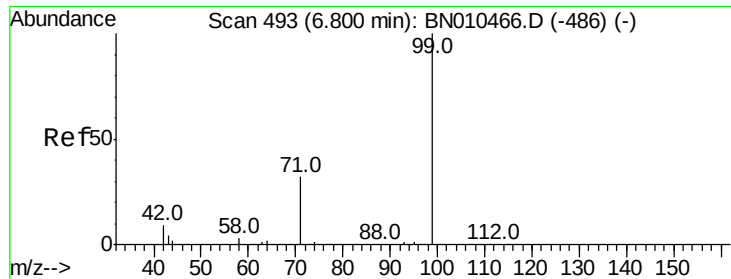


Abundance Ion 112.00 (111.70 to 112.70): BN010466.D (-294) (-)

Ion 64.00 (63.70 to 64.70): BN010466.D (-294) (-)

Ion 63.00 (62.70 to 63.70): BN010466.D (-294) (-)





#5

Phenol-d6

Concen: 0.903 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

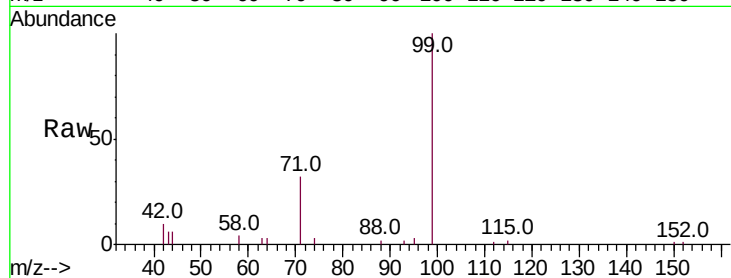
Tot Ion: 99 Resp: 9956

Ion Ratio Lower Upper

99 100

42 12.1 9.8 14.6

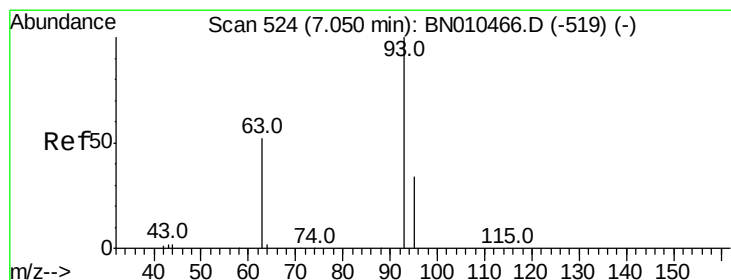
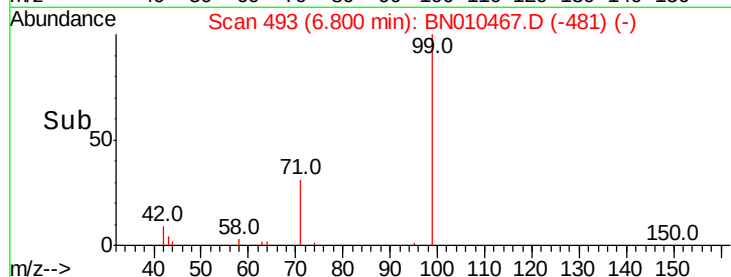
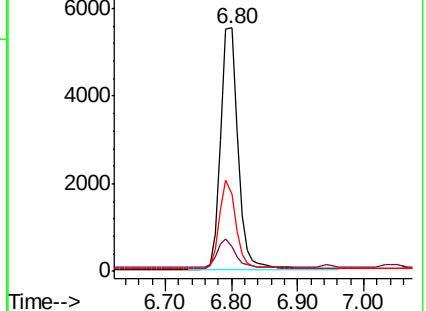
71 35.0 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.821 ng

RT: 7.04 min Scan# 523

Delta R.T. -0.01 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

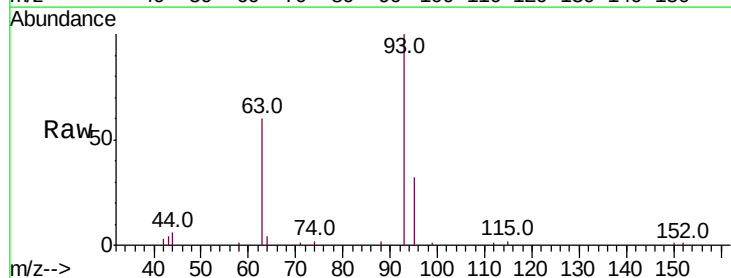
Tgt Ion: 93 Resp: 8696

Ion Ratio Lower Upper

93 100

63 55.0 44.6 66.8

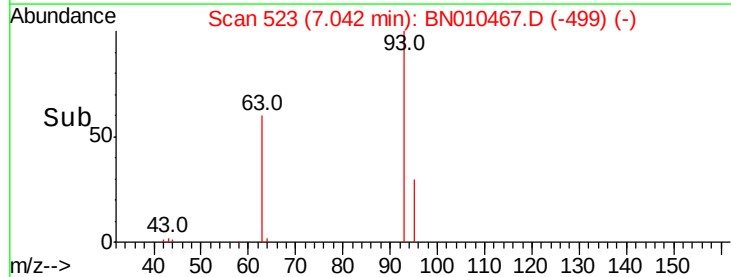
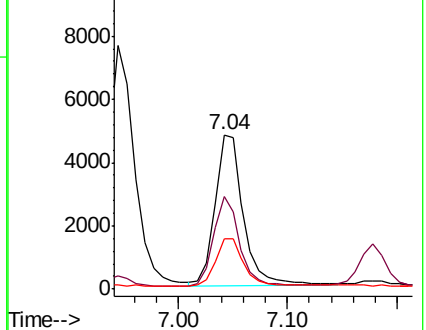
95 31.0 26.5 39.7

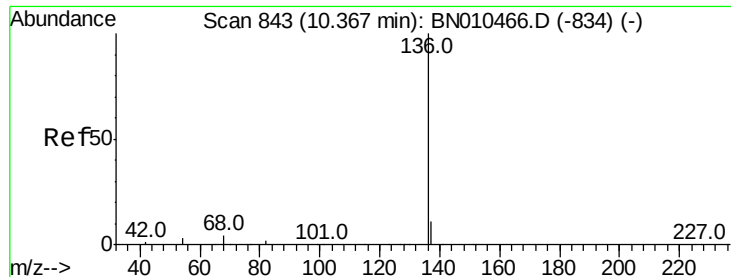


Abundance Ion 93.00 (92.70 to 93.70): BN010466.D (-519) (-)

Ion 63.00 (62.70 to 63.70): BN010466.D (-519) (-)

Ion 95.00 (94.70 to 95.70): BN010466.D (-519) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 17998

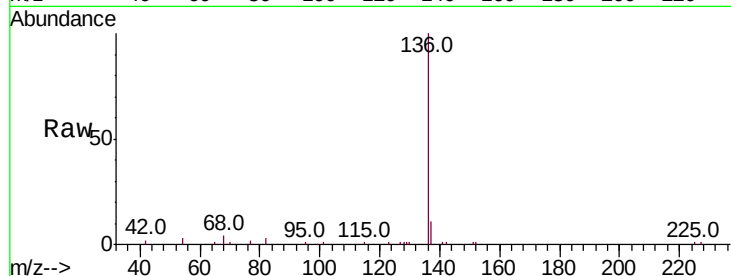
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 3.4 2.6 4.0

68 4.3 3.4 5.2

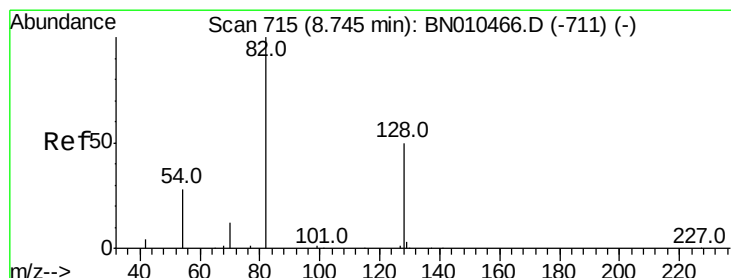
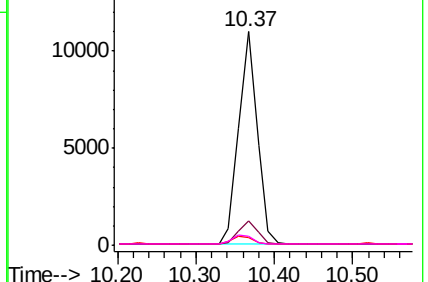
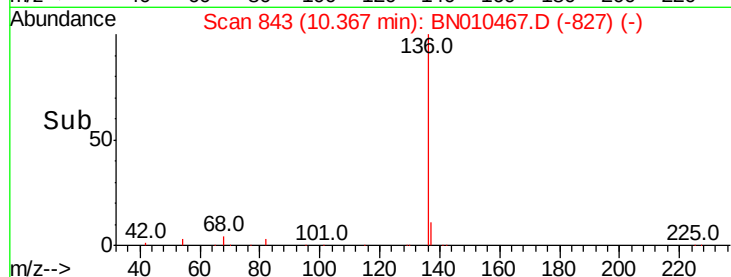


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.827 ng

RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

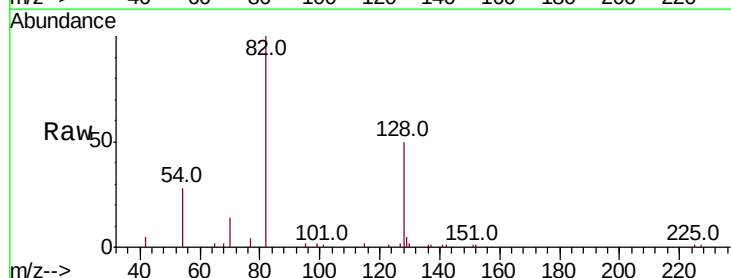
Tgt Ion: 82 Resp: 9535

Ion Ratio Lower Upper

82 100

128 49.9 41.3 61.9

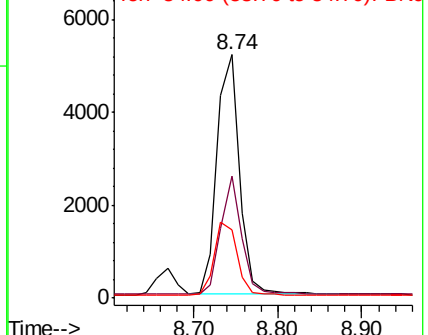
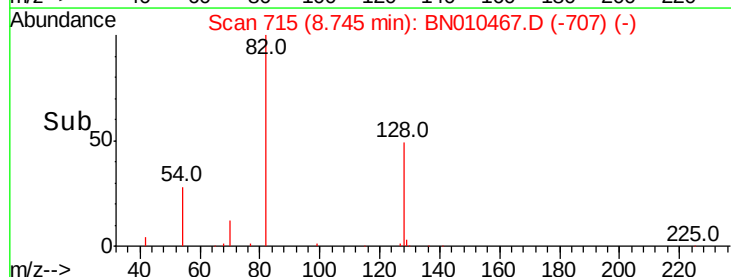
54 28.2 23.4 35.0

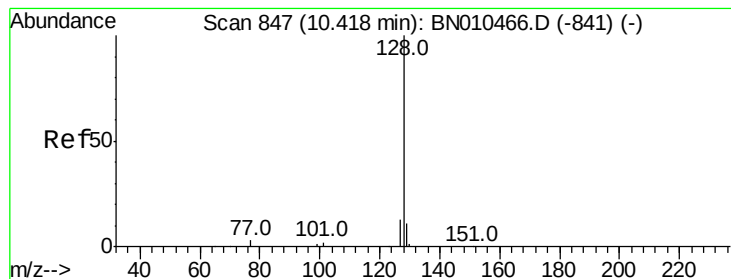


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.768 ng

RT: 10.42 min Scan# 847

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

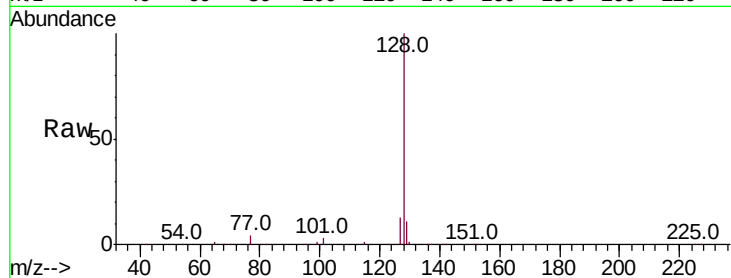
Tot Ion:128 Resp: 34464

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

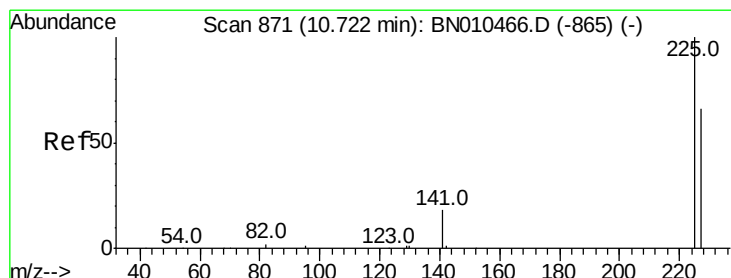
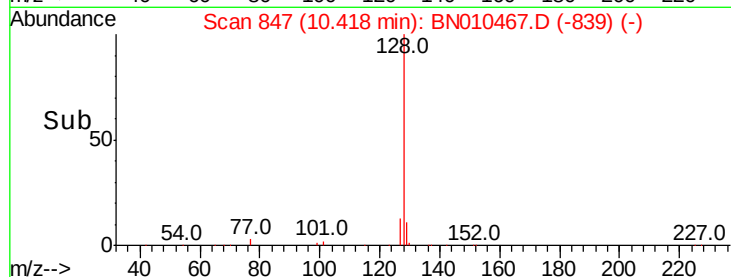
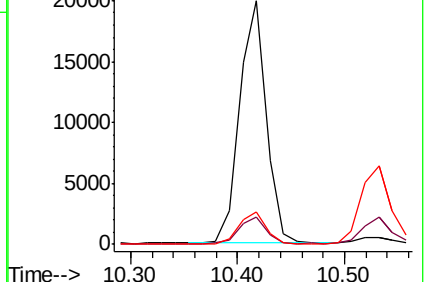
127 13.3 10.5 15.7



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: 0.765 ng

RT: 10.72 min Scan# 871

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

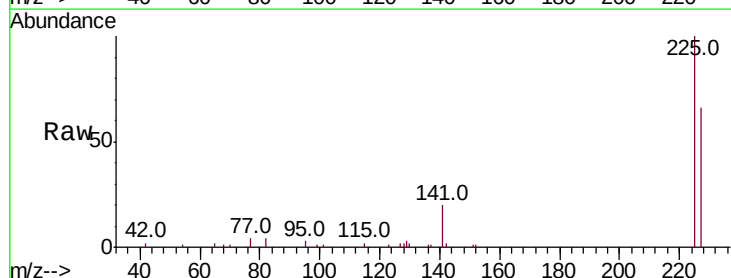
Tgt Ion:225 Resp: 8327

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

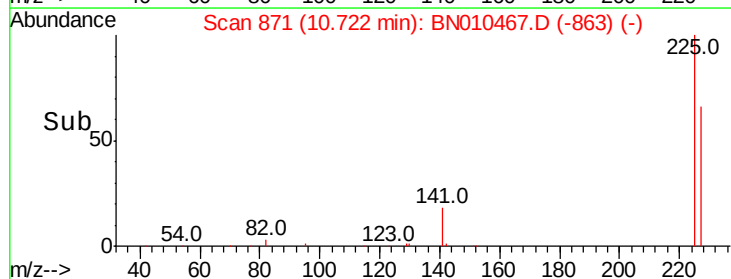
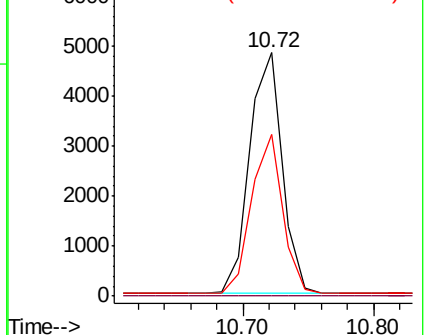
227 62.8 50.6 76.0

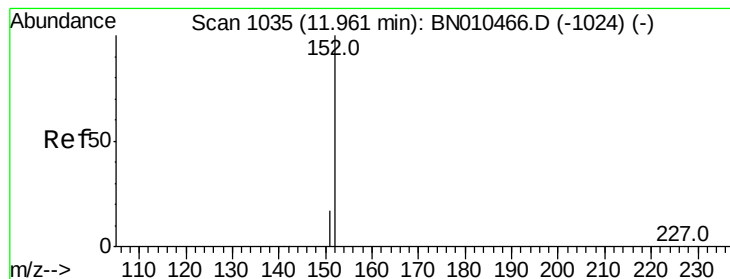


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.795 ng

RT: 11.96 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA_N

ClientSampleId :

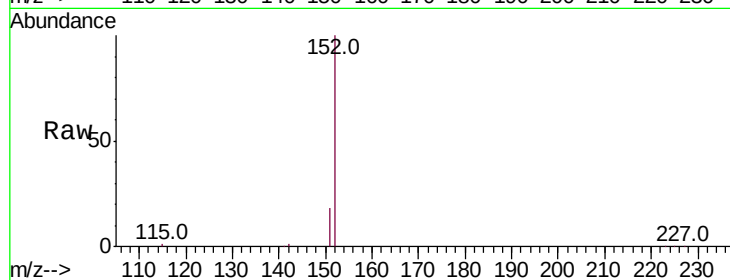
SSTDIC0.8

Tot Ion:152 Resp: 22856

Ion Ratio Lower Upper

152 100

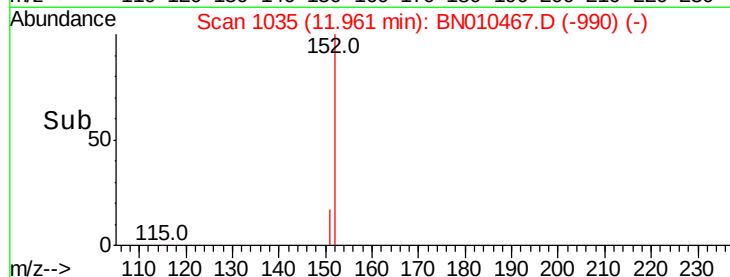
151 19.3 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.96



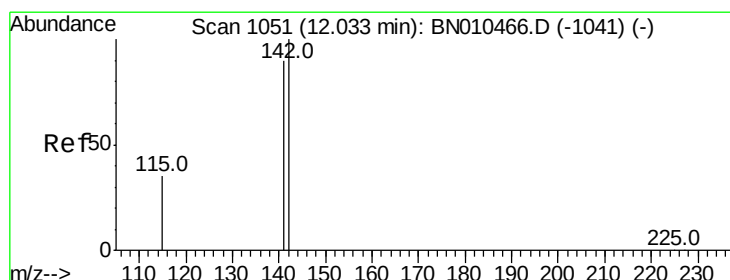
15000

10000

5000

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.797 ng

RT: 12.03 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

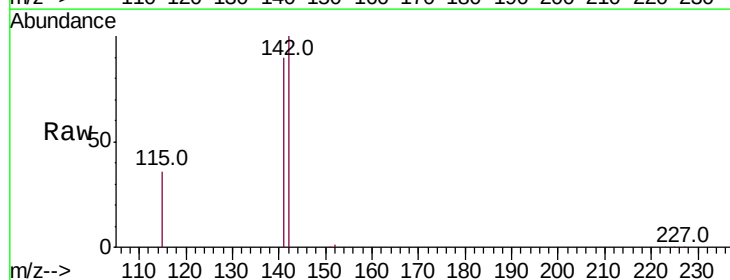
Tgt Ion:142 Resp: 24801

Ion Ratio Lower Upper

142 100

141 89.8 71.9 107.9

115 35.6 28.8 43.2

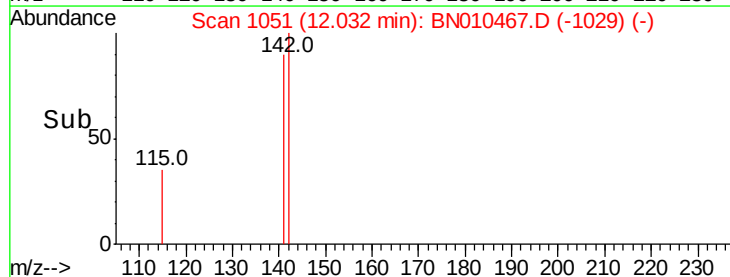


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.03



20000

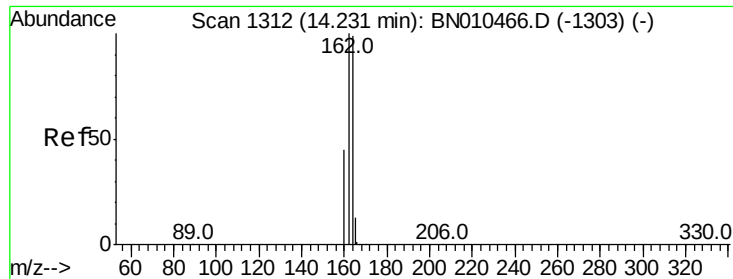
15000

10000

5000

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

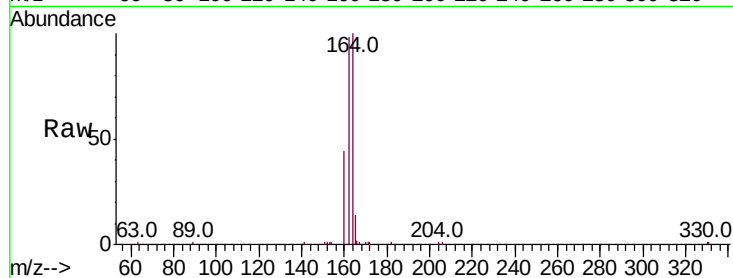
Tot Ion:164 Resp: 11463

Ion Ratio Lower Upper

164 100

162 97.8 80.6 121.0

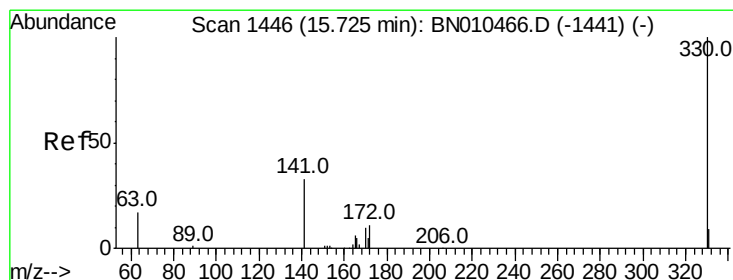
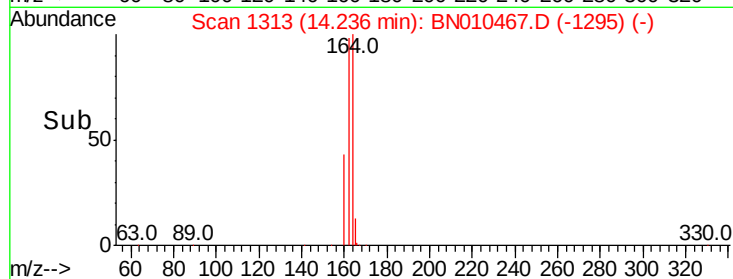
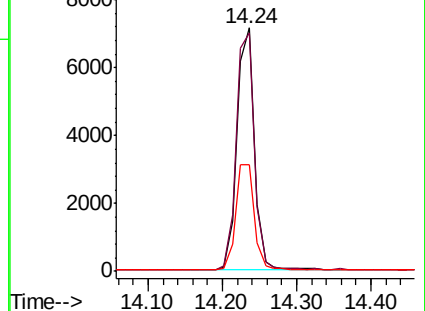
160 43.7 36.5 54.7



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: 0.923 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

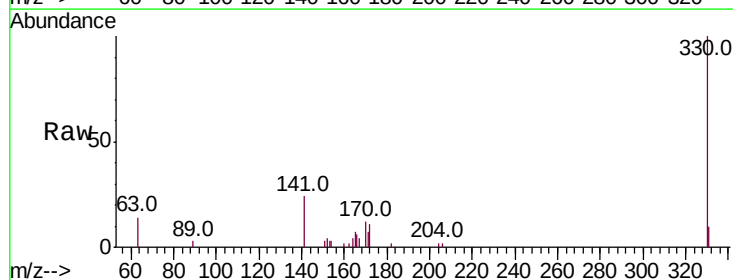
Tgt Ion:330 Resp: 4068

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

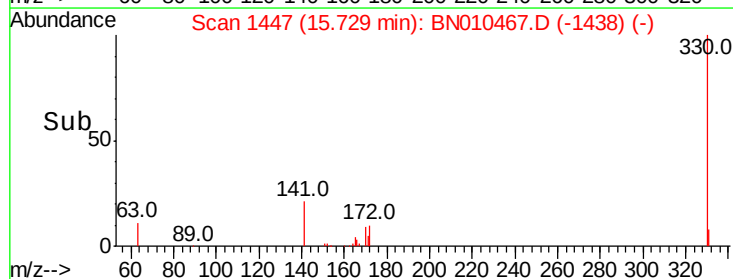
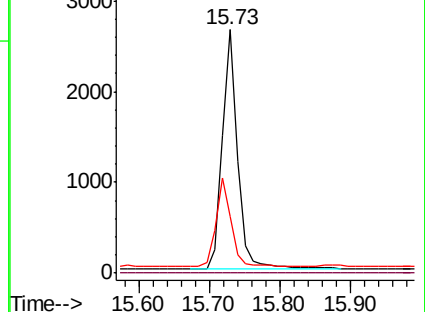
141 36.8 28.1 42.1

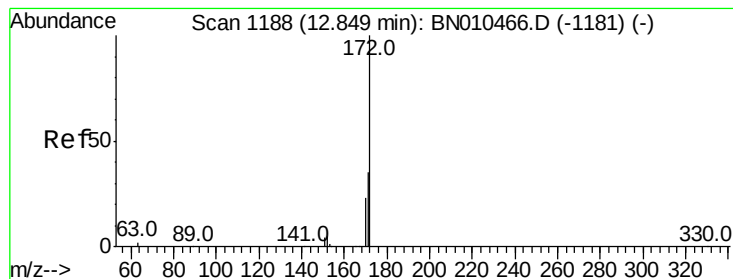


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.735 ng

RT: 12.85 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

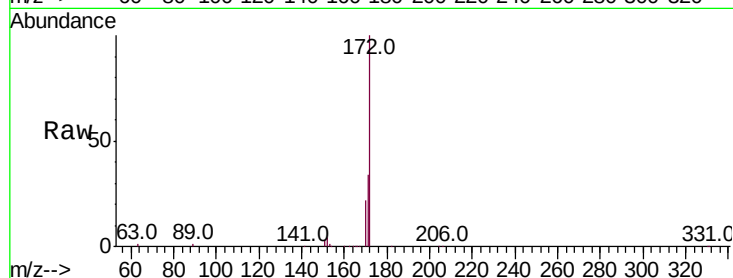
BNA_N

ClientSampleId :

SSTDIC0.8

Tot Ion:172 Resp: 32228

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.2	42.2
170	22.3	18.4	27.6

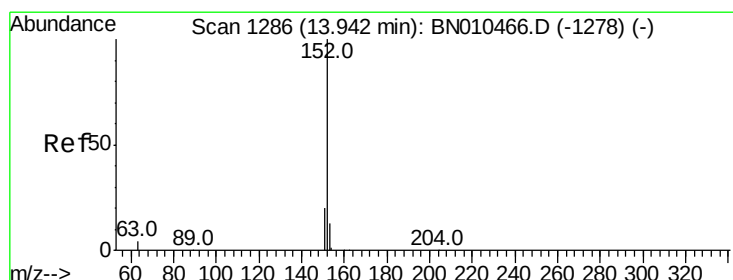
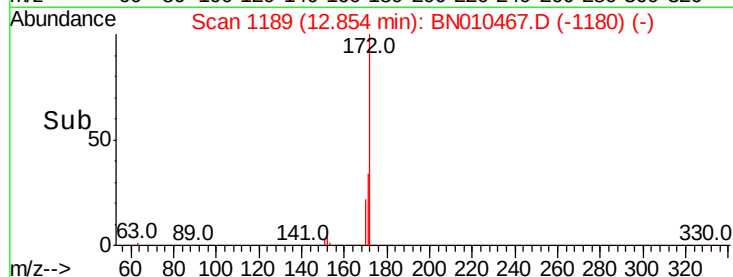
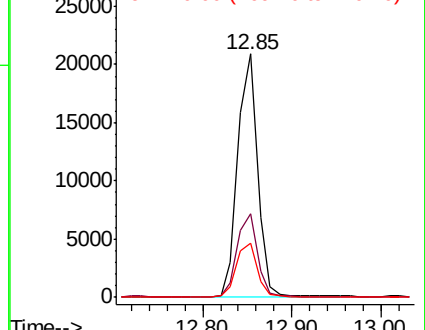


Abundance

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: 0.841 ng

RT: 13.95 min Scan# 1287

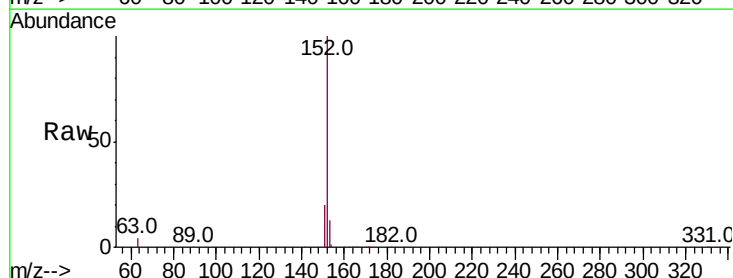
Delta R.T. 0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Tgt Ion:152 Resp: 37843

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.0	10.6	15.8

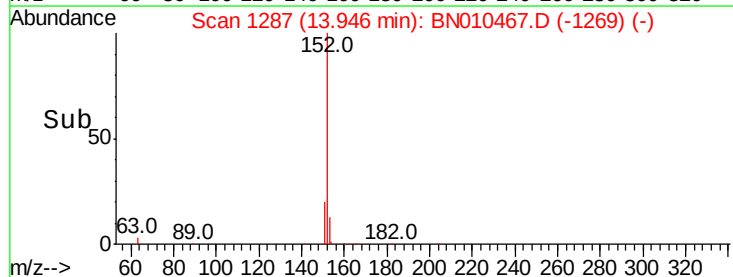
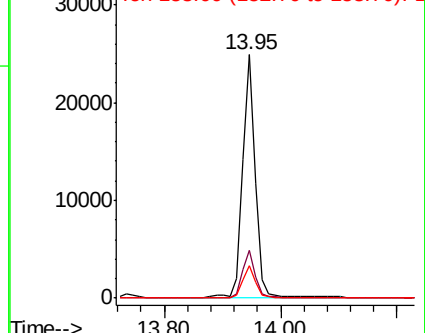


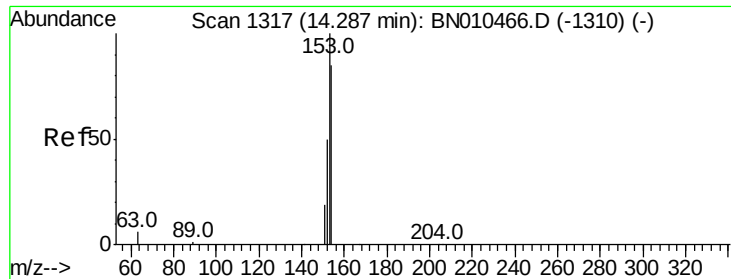
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.744 ng

RT: 14.29 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

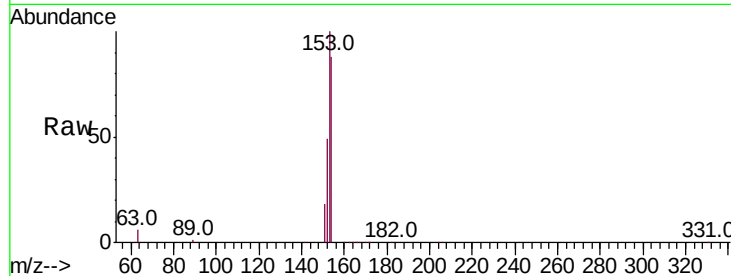
Tot Ion:154 Resp: 23858

Ion Ratio Lower Upper

154 100

153 114.6 91.0 136.4

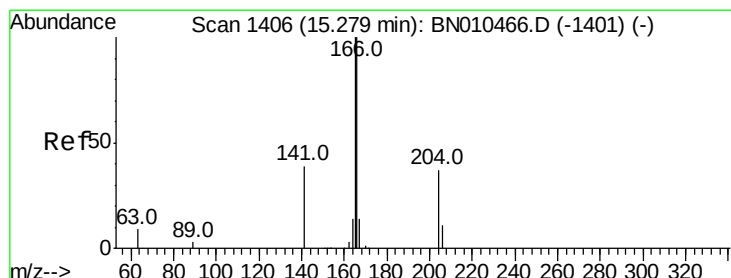
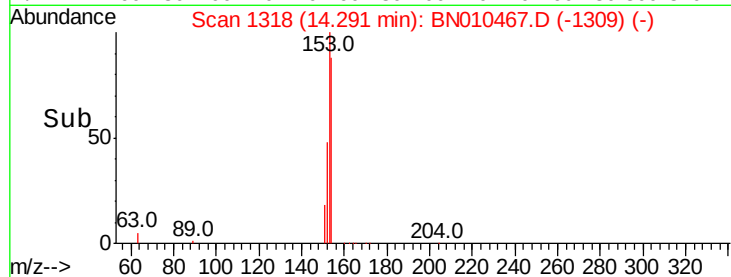
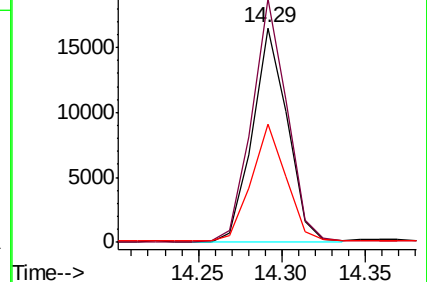
152 55.4 44.6 67.0



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: 0.749 ng

RT: 15.28 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

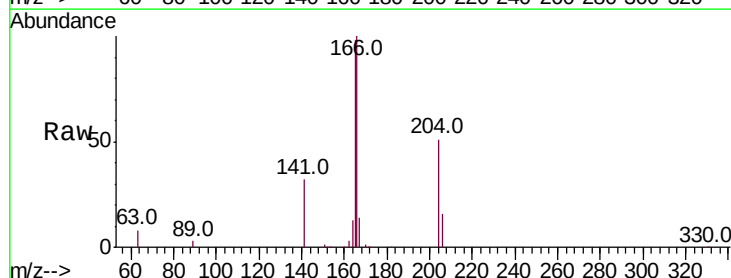
Tgt Ion:166 Resp: 31869

Ion Ratio Lower Upper

166 100

165 97.6 78.4 117.6

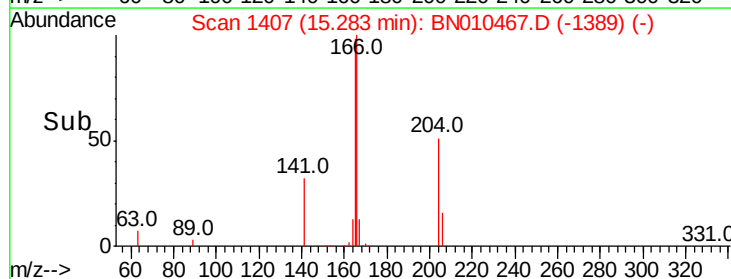
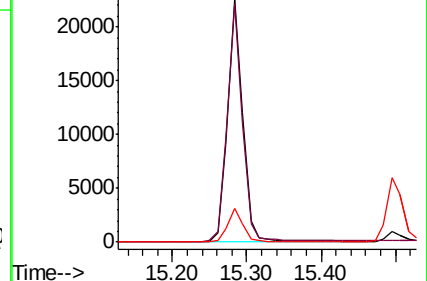
167 13.6 10.9 16.3

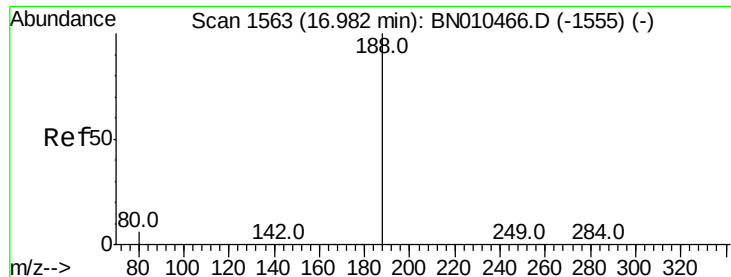


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.97 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

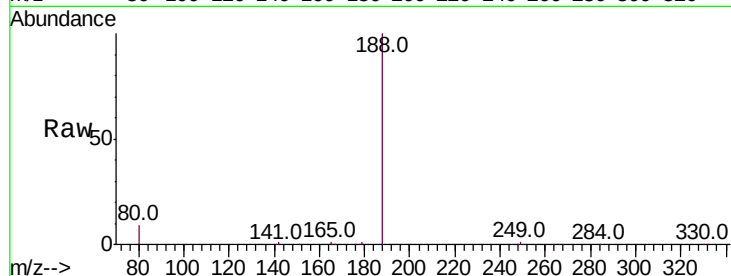
Tot Ion:188 Resp: 25703

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

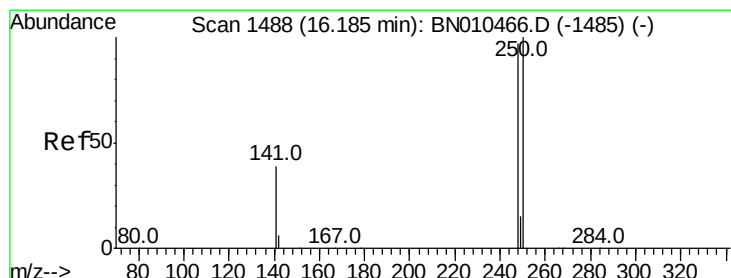
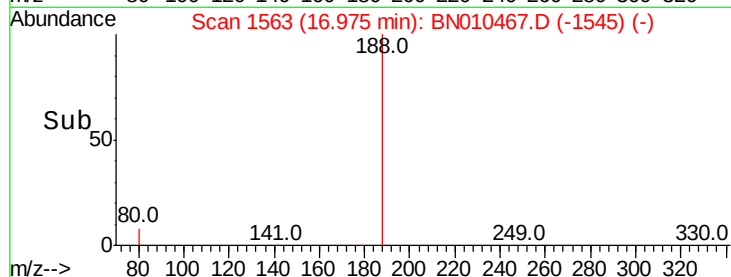
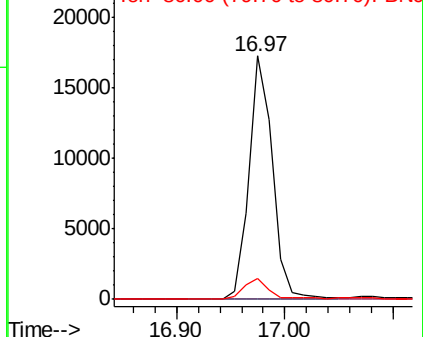
80 8.7 5.0 7.6#



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: 0.712 ng

RT: 16.18 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

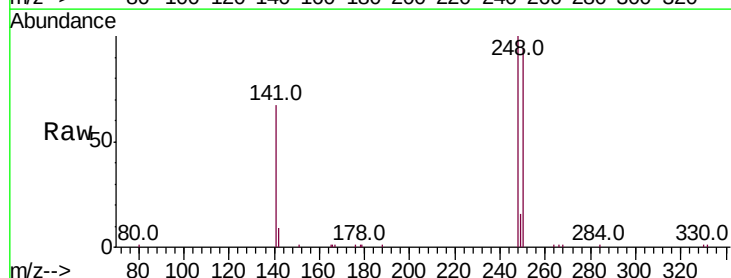
Tgt Ion:248 Resp: 11099

Ion Ratio Lower Upper

248 100

250 93.5 82.3 123.5

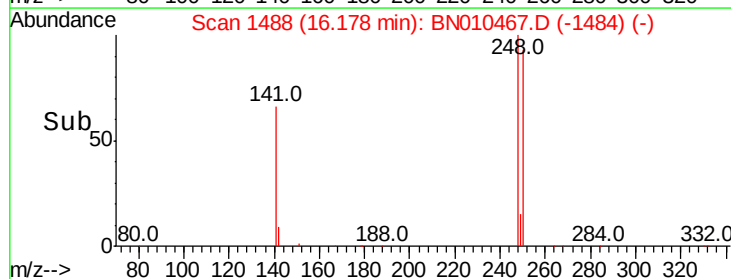
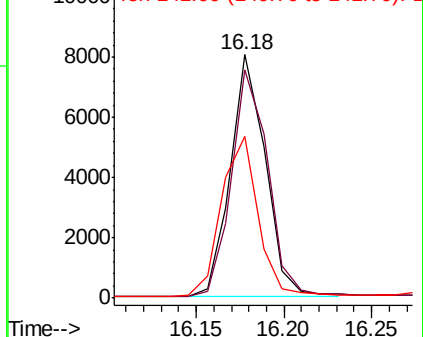
141 66.6 35.2 52.8#

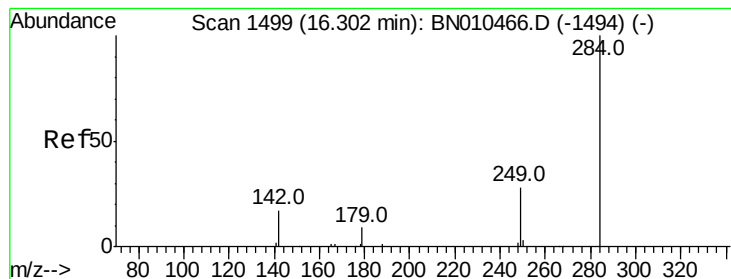


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.772 ng

RT: 16.29 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

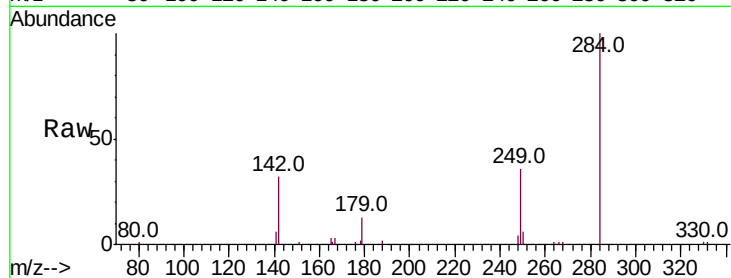
Tot Ion:284 Resp: 12370

Ion Ratio Lower Upper

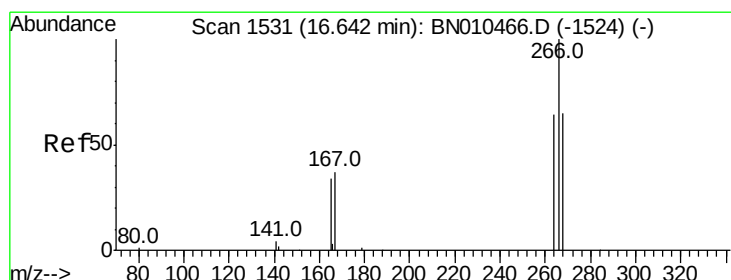
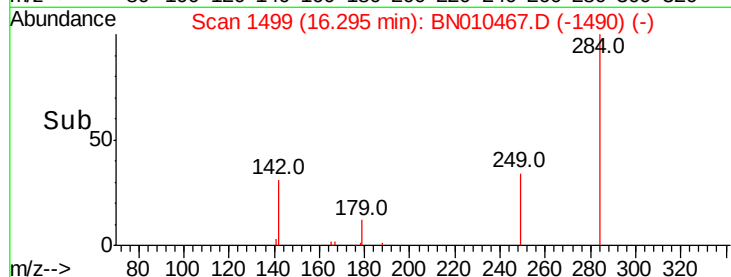
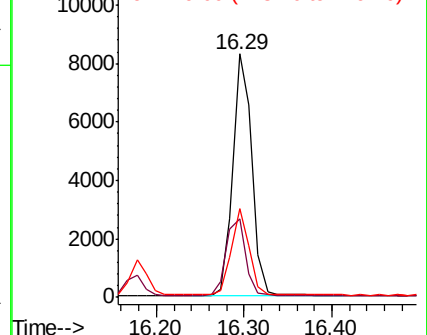
284 100

142 32.6 25.5 38.3

249 33.4 25.8 38.6



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: 0.820 ng

RT: 16.65 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

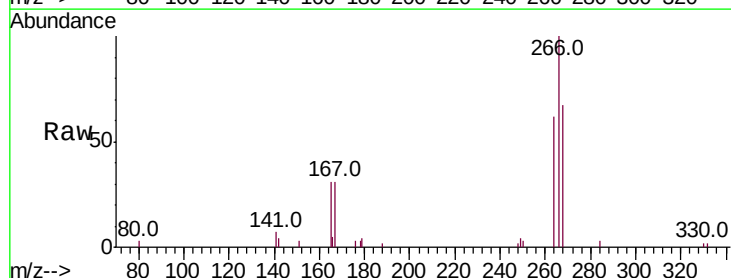
Tgt Ion:266 Resp: 4496

Ion Ratio Lower Upper

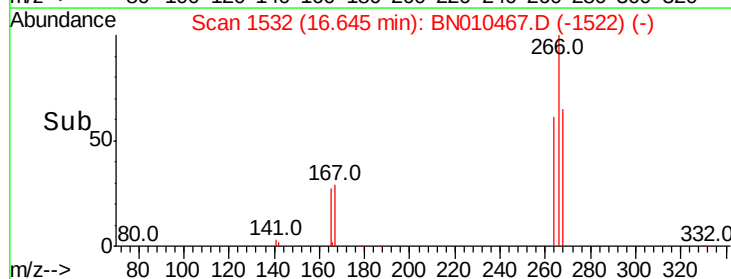
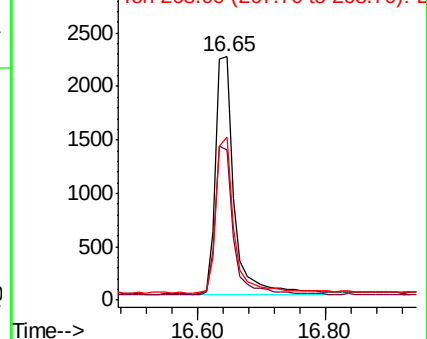
266 100

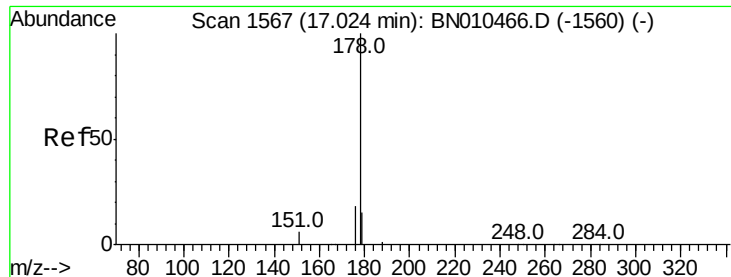
264 61.6 51.8 77.6

268 67.1 53.7 80.5



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: 0.759 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

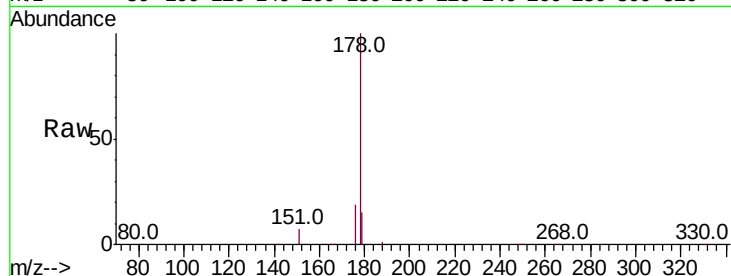
Tot Ion:178 Resp: 53642

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

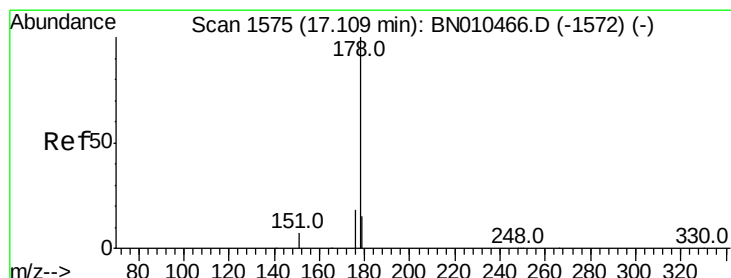
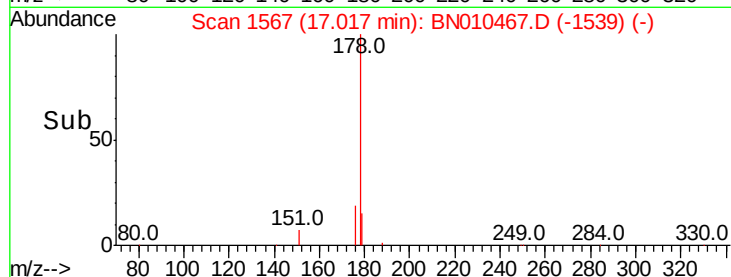
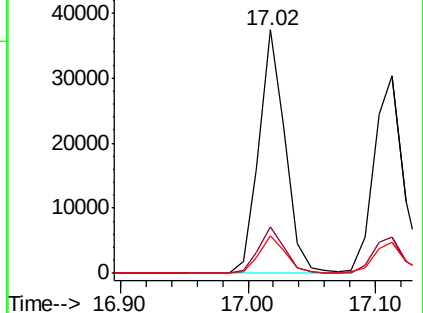
179 15.2 12.6 18.8



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: 0.804 ng

RT: 17.11 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

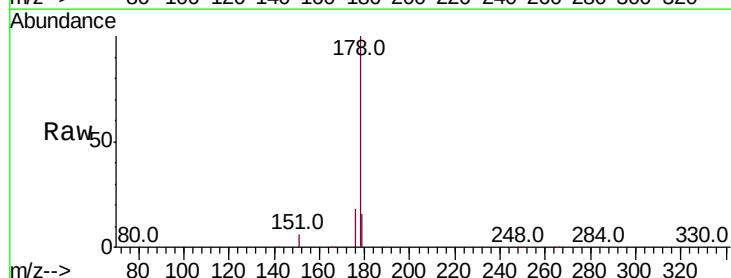
Tgt Ion:178 Resp: 48567

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

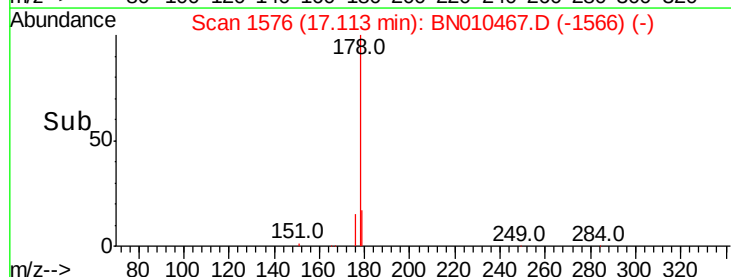
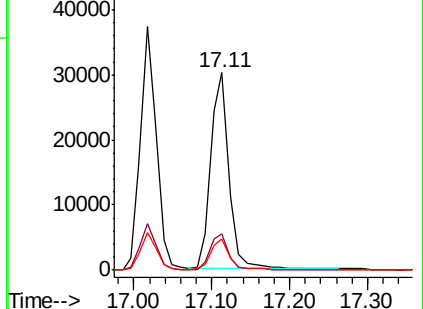
179 15.5 12.2 18.2

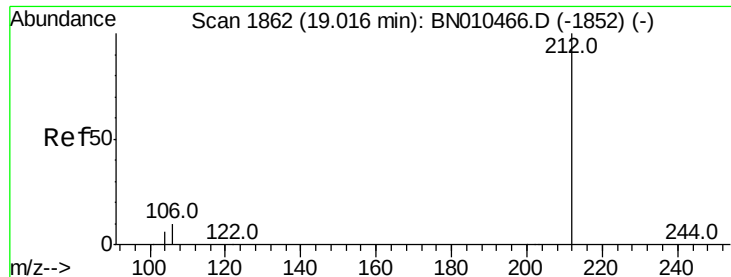


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.771 ng

RT: 19.01 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

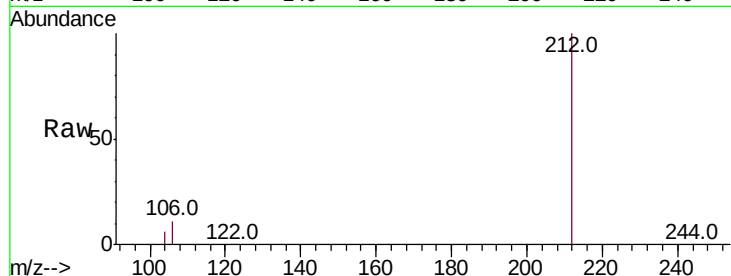
Tot Ion:212 Resp: 59744

Ion Ratio Lower Upper

212 100

106 9.8 7.8 11.6

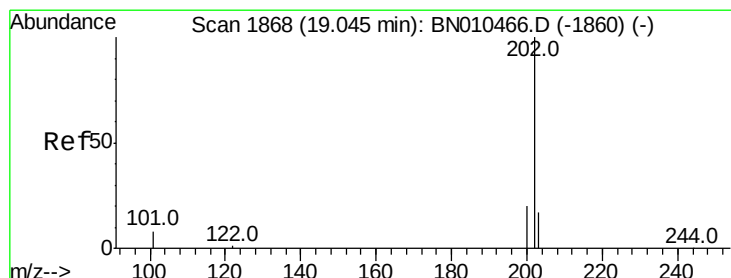
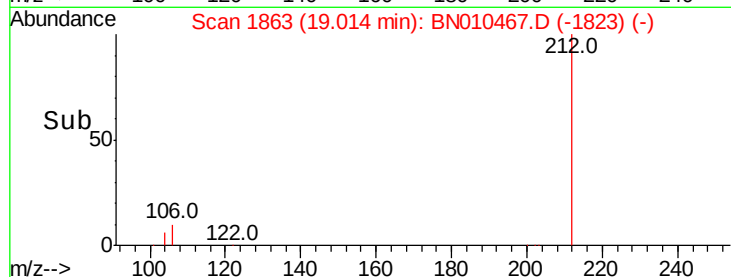
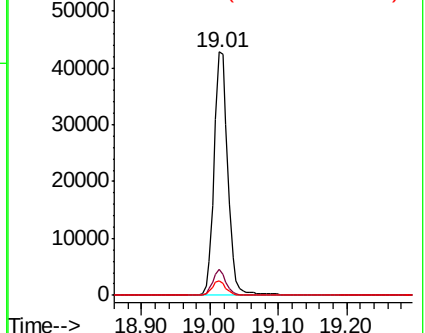
104 5.7 4.5 6.7



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: 0.774 ng

RT: 19.05 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

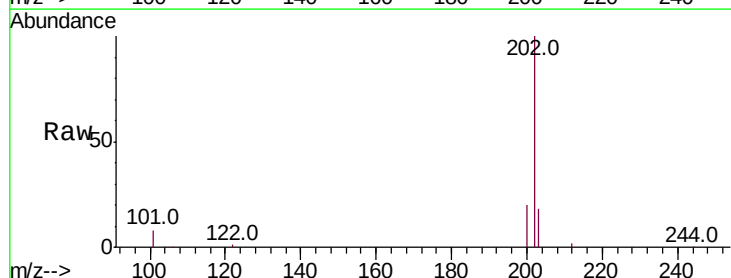
Tgt Ion:202 Resp: 67044

Ion Ratio Lower Upper

202 100

101 8.5 6.9 10.3

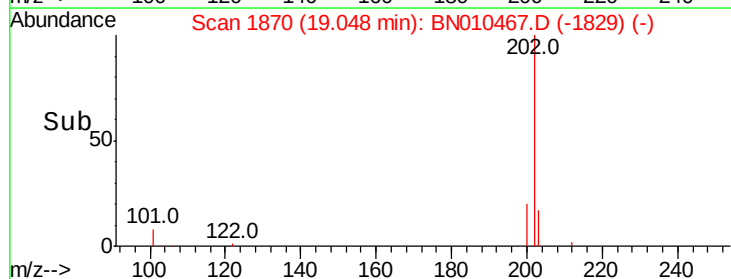
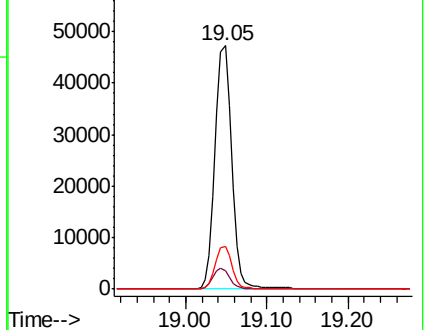
203 17.2 13.9 20.9

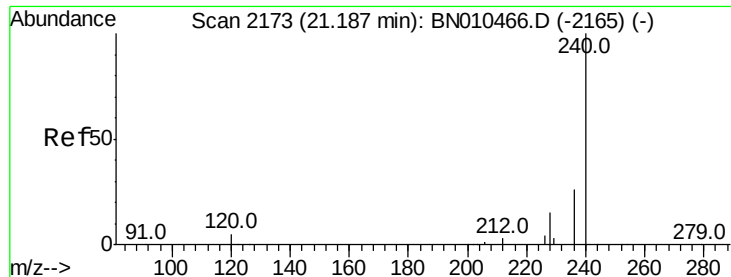


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.19 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

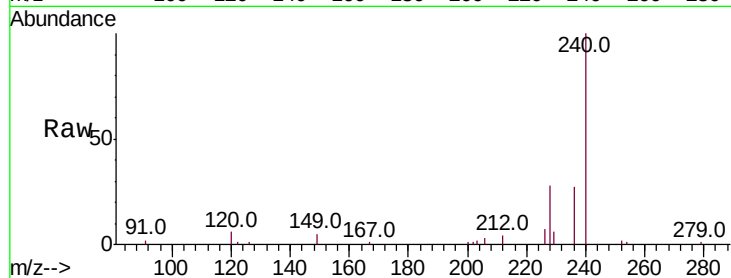
Tot Ion:240 Resp: 26198

Ion Ratio Lower Upper

240 100

120 6.5 4.8 7.2

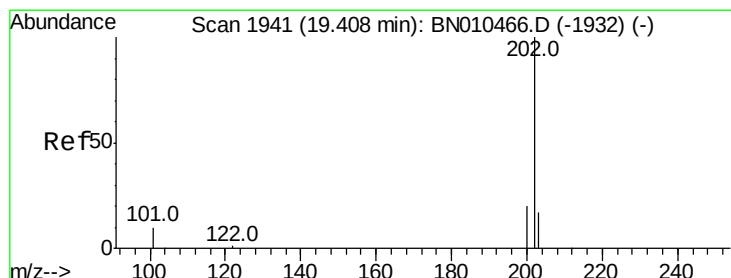
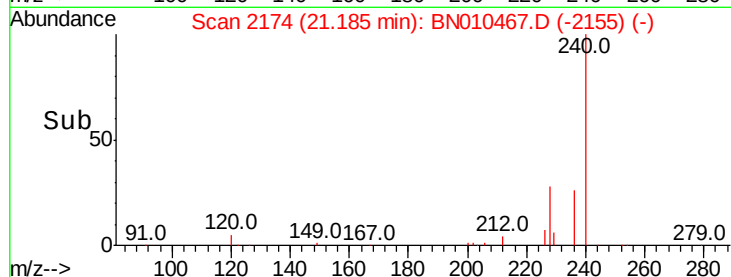
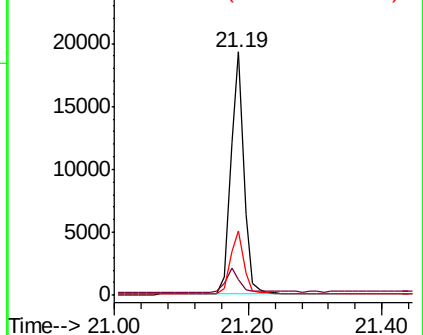
236 26.7 21.4 32.0



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: 0.830 ng

RT: 19.41 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

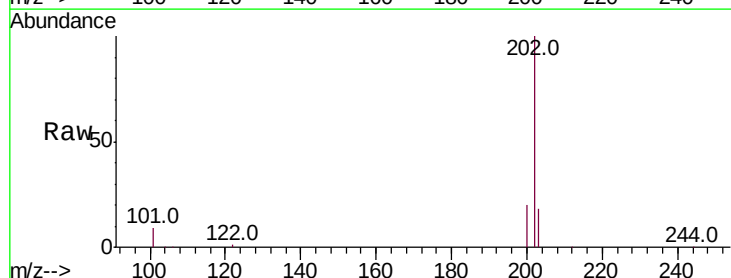
Tgt Ion:202 Resp: 67680

Ion Ratio Lower Upper

202 100

200 20.3 16.3 24.5

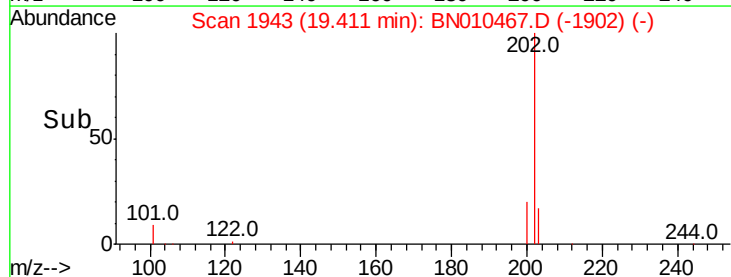
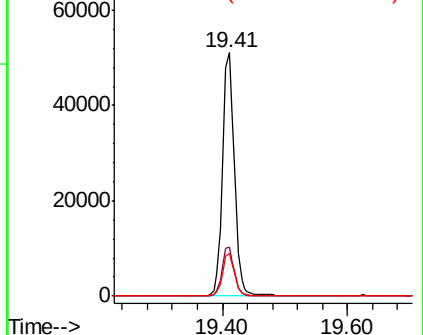
203 17.4 14.0 21.0

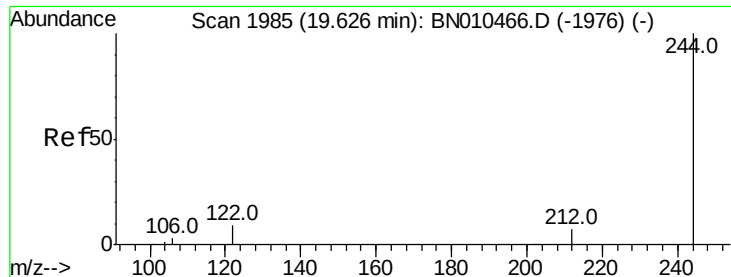


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.814 ng

RT: 19.62 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

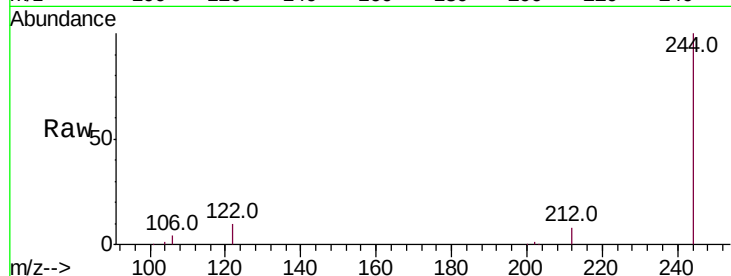
Tot Ion:244 Resp: 46069

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.4

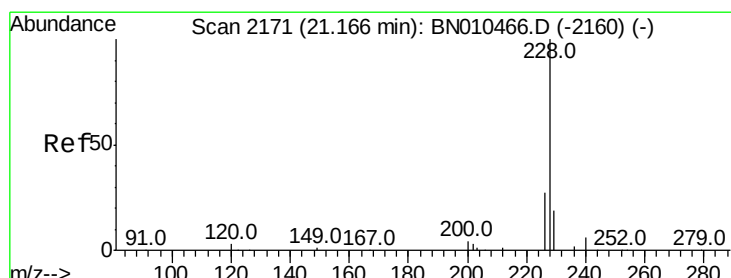
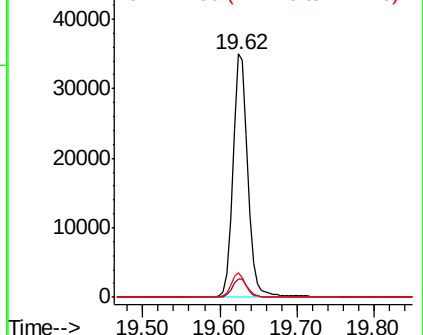
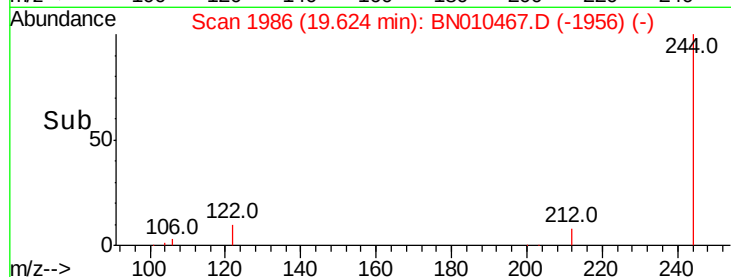
122 9.9 7.8 11.8



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: 0.789 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

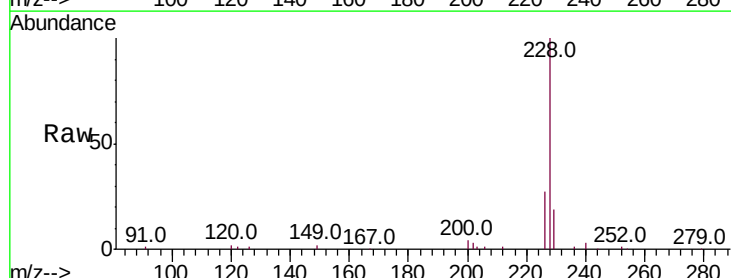
Tgt Ion:228 Resp: 65793

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

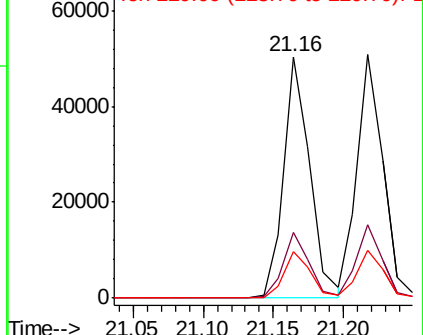
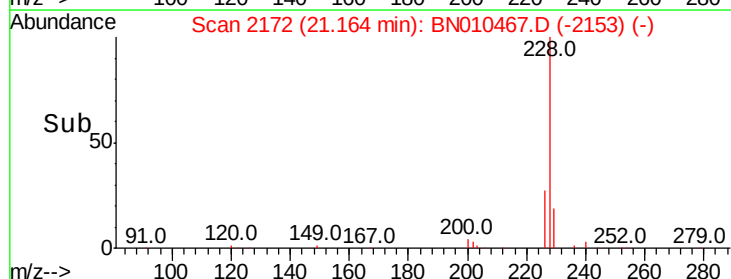
229 19.5 15.6 23.4

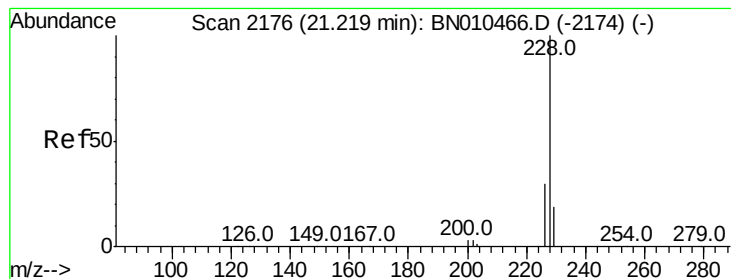


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.730 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

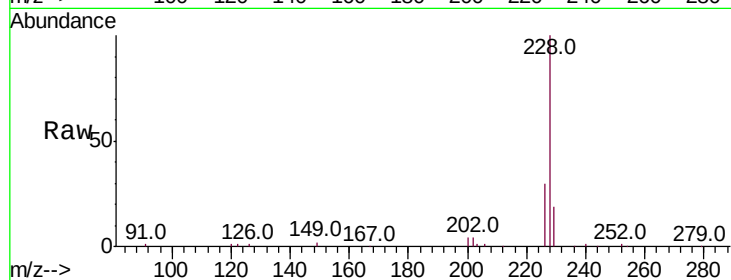
BNA_N

ClientSampleId :

SSTDIC0.8

Tot Ion:228 Resp: 65295

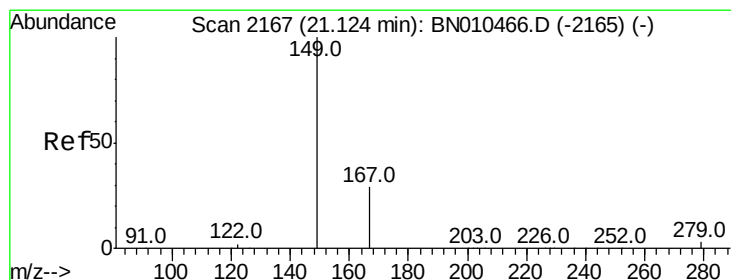
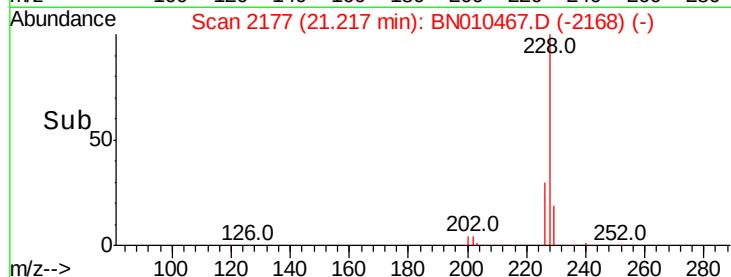
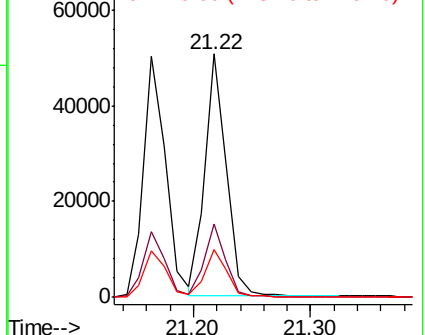
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	19.4	15.8	23.6



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: 1.144 ng

RT: 21.12 min Scan# 2168

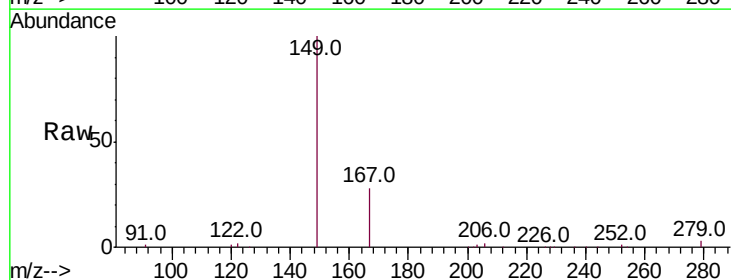
Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Tgt Ion:149 Resp: 32221

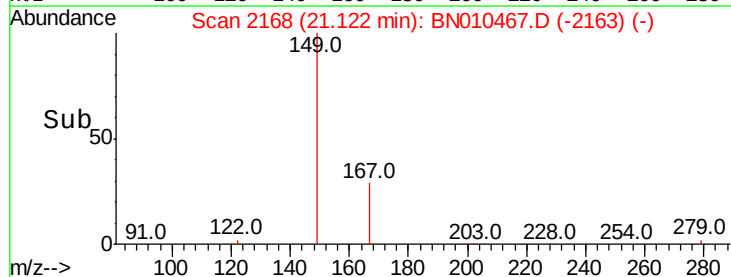
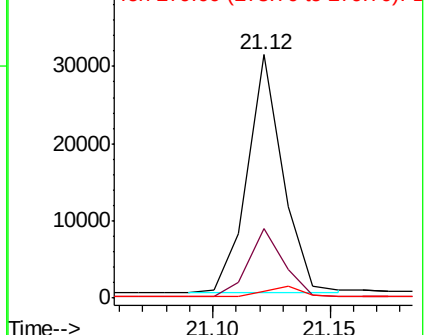
Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.4	35.0
279	4.7	4.0	6.0

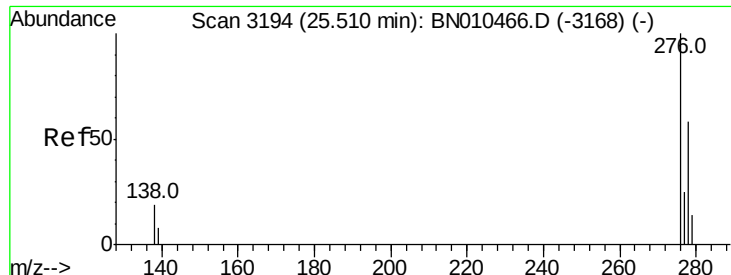


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.613 ng

RT: 25.51 min Scan# 3195

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

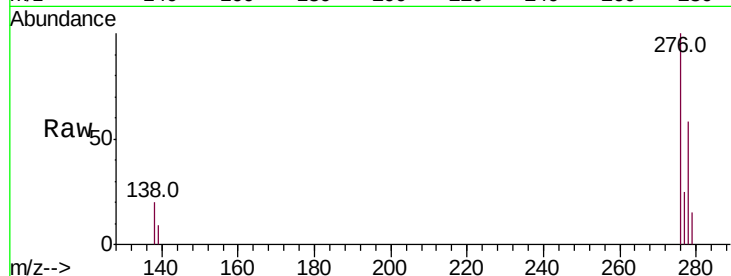
Tot Ion:276 Resp: 58760

Ion Ratio Lower Upper

276 100

138 20.4 16.4 24.6

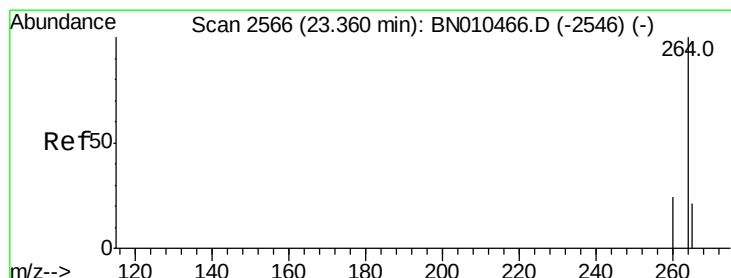
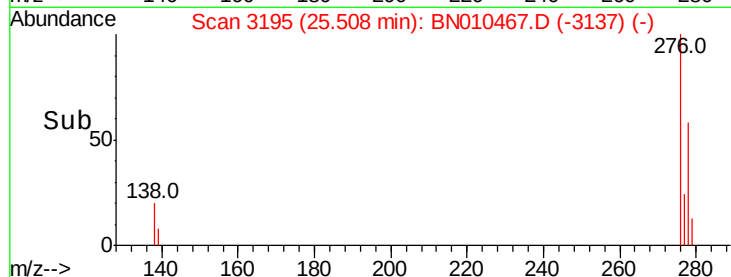
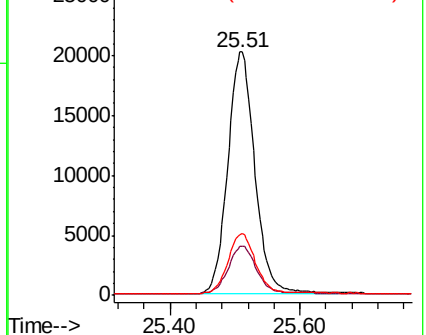
277 24.9 19.8 29.6



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: 23.36 min Scan# 2567

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

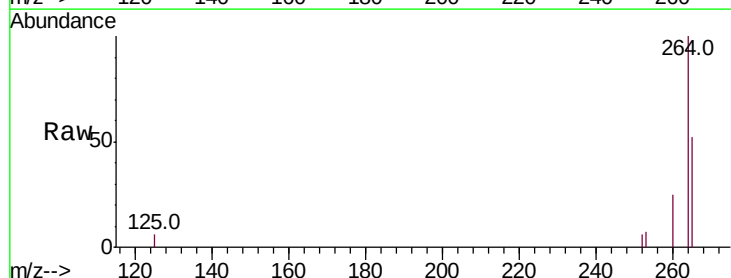
Tgt Ion:264 Resp: 23318

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

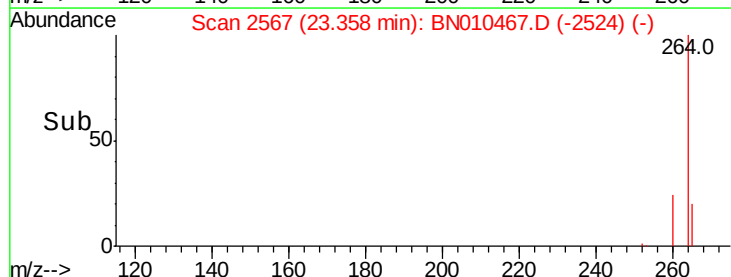
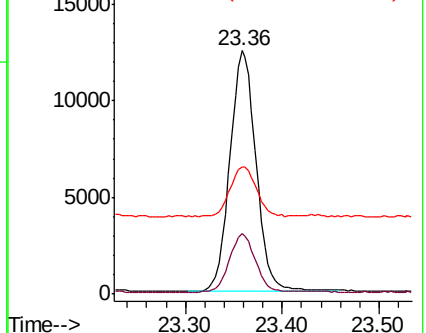
265 52.3 42.3 63.5

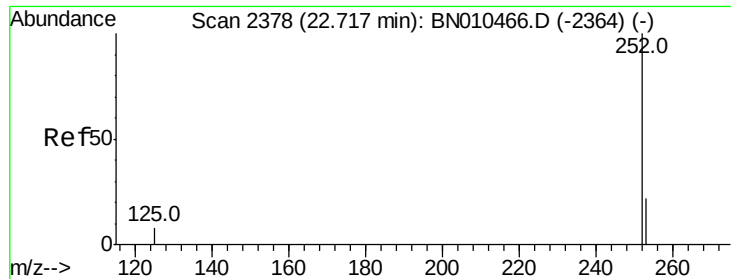


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

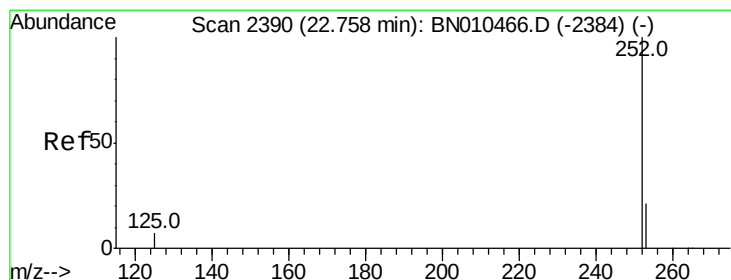
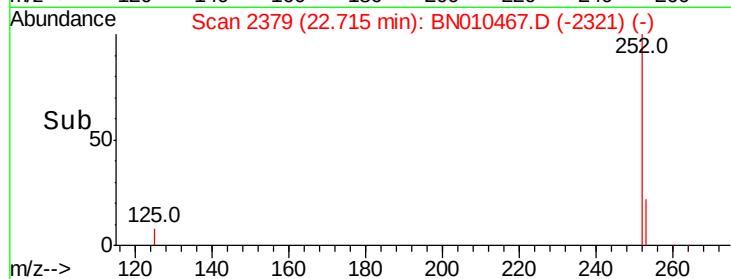
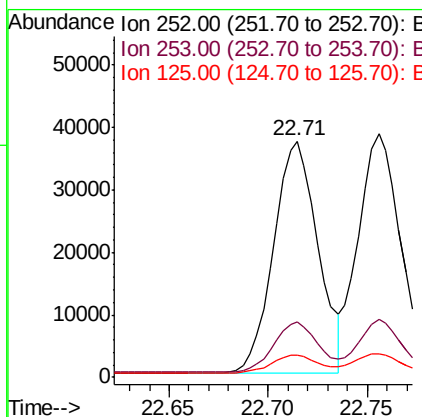
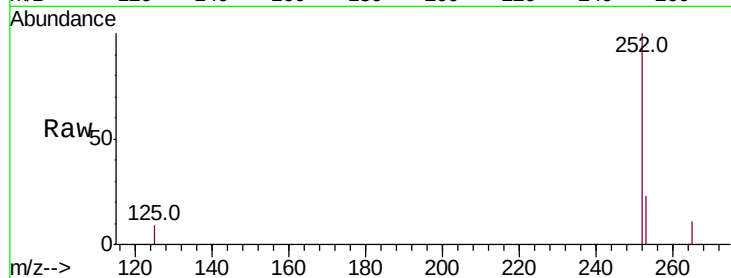




#35
Benzo(b)fluoranthene
Concen: 0.734 ng
RT: 22.71 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BN010467.D
Acq: 13 Apr 2020 14:59

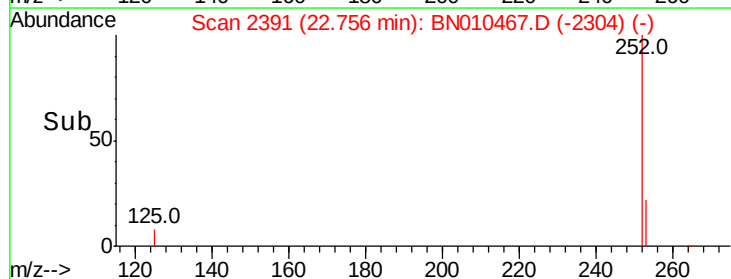
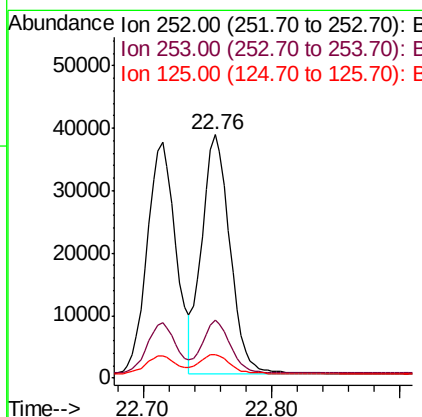
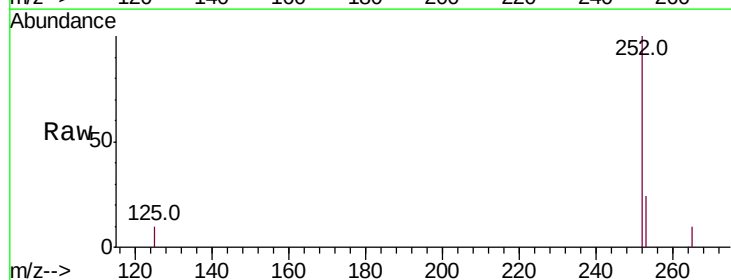
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

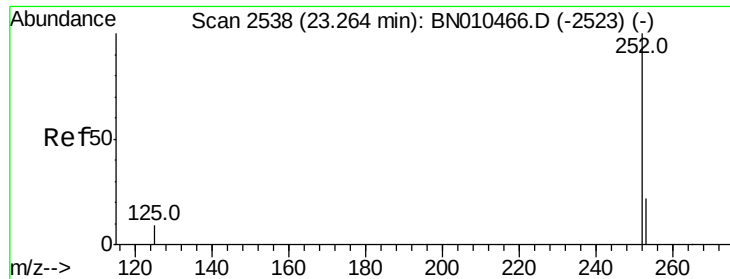
Tot Ion:252 Resp: 58139
Ion Ratio Lower Upper
252 100
253 23.5 20.2 30.4
125 9.5 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.726 ng
RT: 22.76 min Scan# 2391
Delta R.T. -0.00 min
Lab File: BN010467.D
Acq: 13 Apr 2020 14:59

Tgt Ion:252 Resp: 58539
Ion Ratio Lower Upper
252 100
253 23.8 20.1 30.1
125 9.9 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.768 ng

RT: 23.26 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

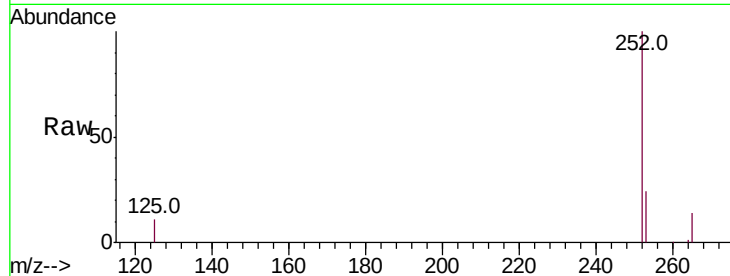
Tot Ion:252 Resp: 51363

Ion Ratio Lower Upper

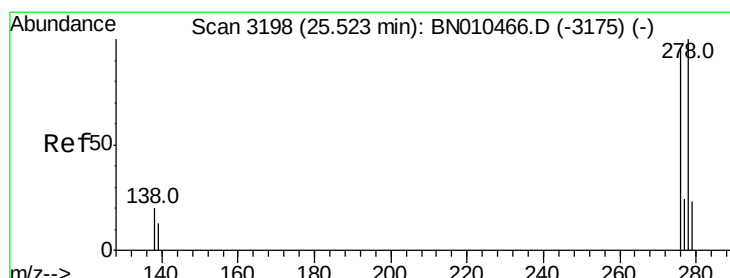
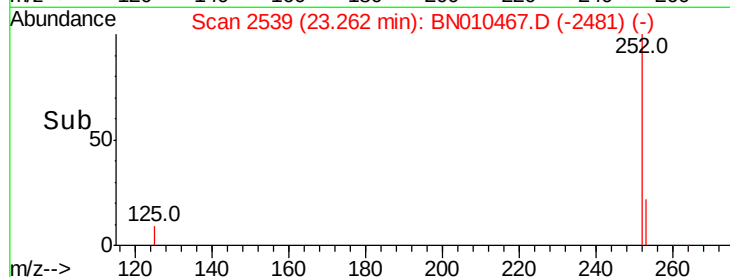
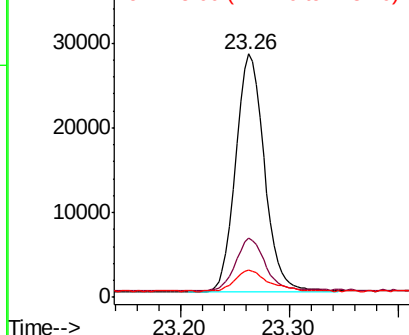
252 100

253 24.2 21.8 32.8

125 11.2 11.0 16.6



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: 0.661 ng

RT: 25.52 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

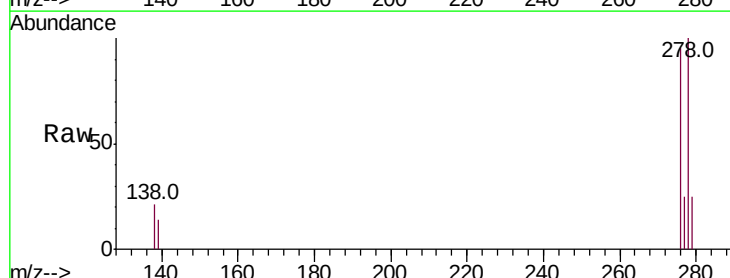
Tgt Ion:278 Resp: 47789

Ion Ratio Lower Upper

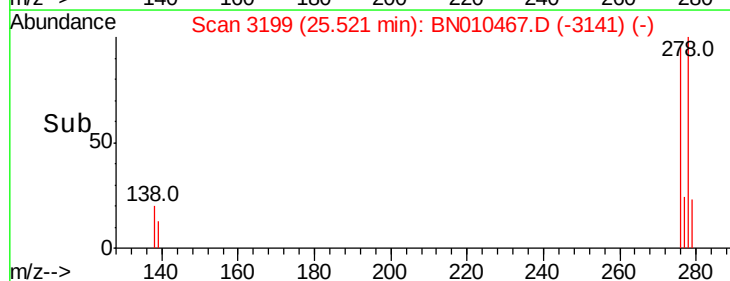
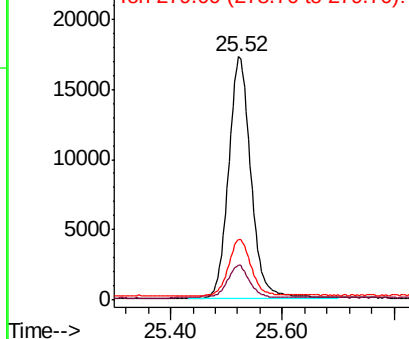
278 100

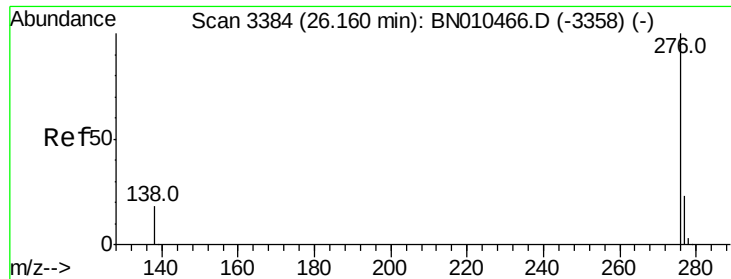
139 14.1 12.3 18.5

279 25.1 21.9 32.9



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: 0.654 ng

RT: 26.16 min Scan# 3386

Delta R.T. 0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

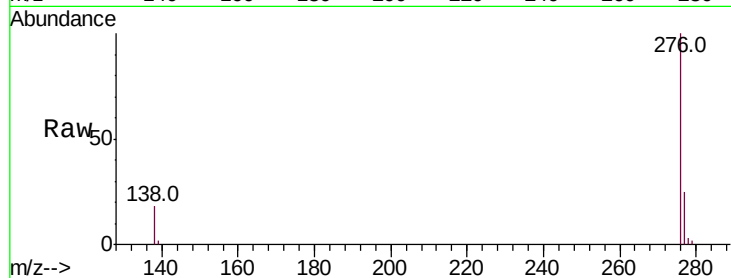
Tot Ion:276 Resp: 47582

Ion Ratio Lower Upper

276 100

277 24.7 20.2 30.2

138 18.4 15.4 23.2



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

