

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\
 Data File : BN007264.D
 Acq On : 20 Aug 2019 14:49
 Operator : HP/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

Quant Time: Aug 20 18:03:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 17:50:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5398	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	19806	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	11729	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	27508	0.40	ng	0.00
27) Chrysene-d12	21.04	240	28337	0.40	ng	0.00
34) Perylene-d12	23.15	264	30131	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	11597	0.97	ng	0.00
5) Phenol-d6	6.59	99	13775	0.83	ng	0.00
8) Nitrobenzene-d5	8.53	82	11668	0.86	ng	-0.01
11) 2-Methylnaphthalene-d10	11.77	152	26453	0.89	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	4774	0.87	ng	0.00
15) 2-Fluorobiphenyl	12.68	172	37492	0.86	ng	0.00
25) Fluoranthene-d10	18.85	212	68179	0.82	ng	0.00
29) Terphenyl-d14	19.48	244	54589	0.87	ng	0.00

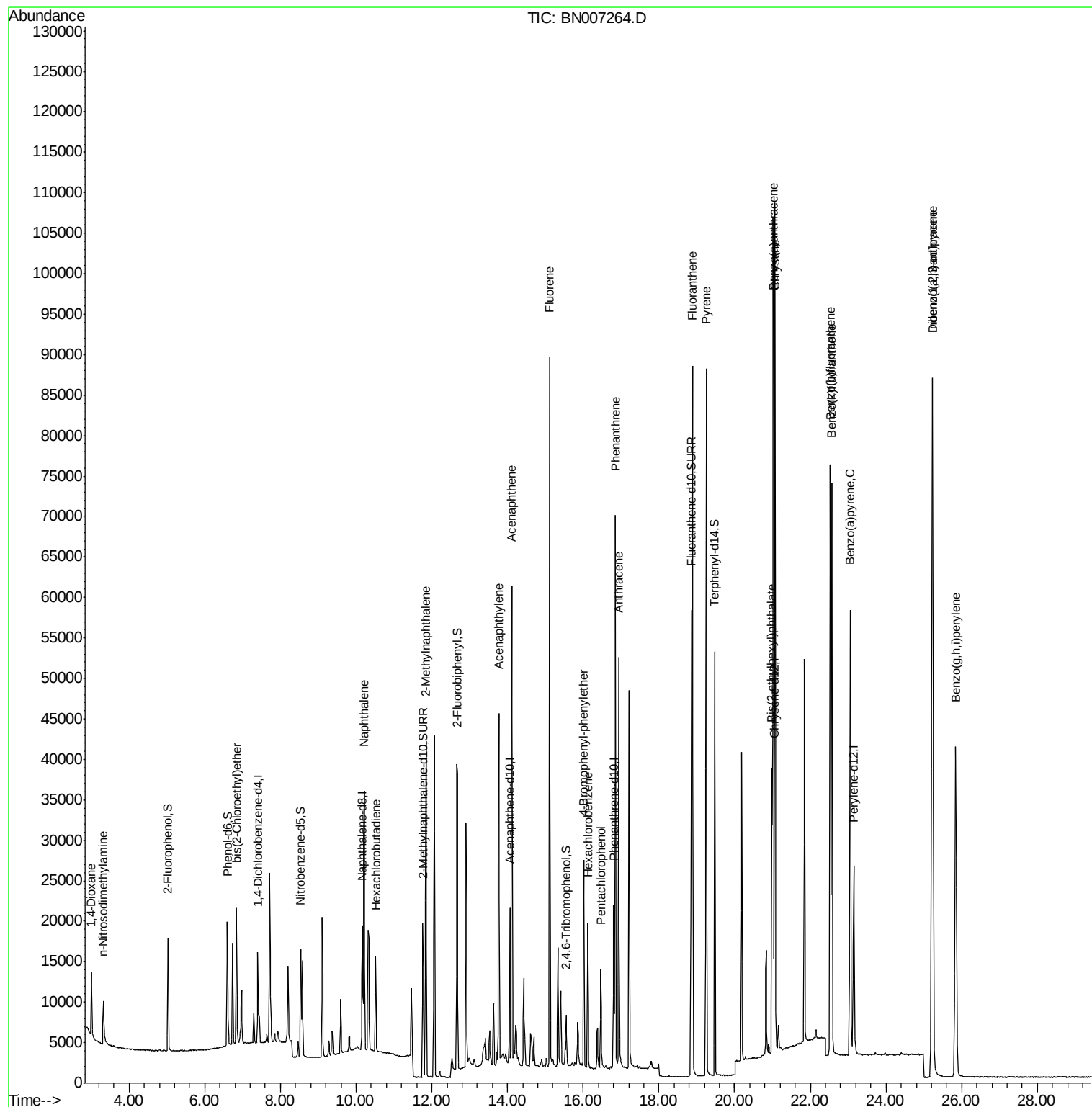
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.01	88	5533	0.624	ng	97
3) n-Nitrosodimethylamine	3.31	42	4238	0.616	ng	99
6) bis(2-Chloroethyl)ether	6.84	93	12299	0.670	ng	99
9) Naphthalene	10.21	128	43379	0.818	ng	100
10) Hexachlorobutadiene	10.52	225	9514	0.827	ng	# 99
12) 2-Methylnaphthalene	11.84	142	30174	0.890	ng	100
16) Acenaphthylene	13.77	152	46847	0.846	ng	99
17) Acenaphthene	14.11	154	30044	0.808	ng	99
18) Fluorene	15.12	166	39329	0.854	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	12422	0.798	ng	# 84
21) Hexachlorobenzene	16.12	284	13641	0.673	ng	99
22) Pentachlorophenol	16.46	266	6067	2.270	ng	95
23) Phenanthrene	16.85	178	65723	0.862	ng	100
24) Anthracene	16.94	178	59445	0.900	ng	99
26) Fluoranthene	18.88	202	81186	0.848	ng	100
28) Pyrene	19.25	202	81797	0.831	ng	100
30) Benzo(a)anthracene	21.02	228	83089	0.951	ng	97
31) Chrysene	21.07	228	81124	0.829	ng	99
32) Bis(2-ethylhexyl)phthalate	20.98	149	33269	0.818	ng	99
33) Indeno(1,2,3-cd)pyrene	25.22	276	99273	0.829	ng	100
35) Benzo(b)fluoranthene	22.53	252	85615	0.904	ng	98
36) Benzo(k)fluoranthene	22.57	252	83636	0.787	ng	98
37) Benzo(a)pyrene	23.06	252	76673	0.835	ng	98
38) Dibenzo(a,h)anthracene	25.23	278	80694	0.872	ng	98
39) Benzo(g,h,i)perylene	25.84	276	80835	0.833	ng	99

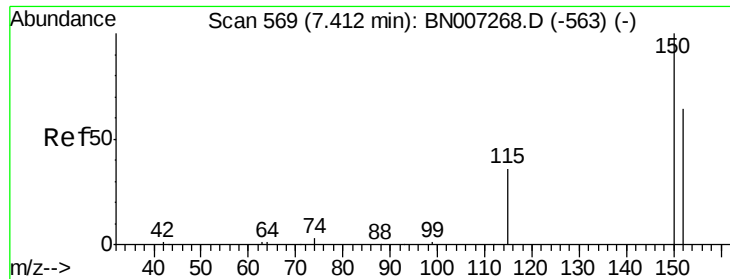
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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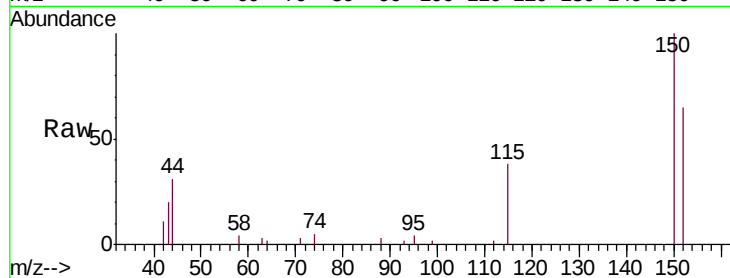


#1

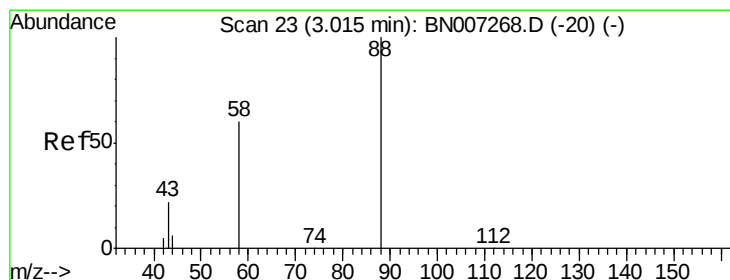
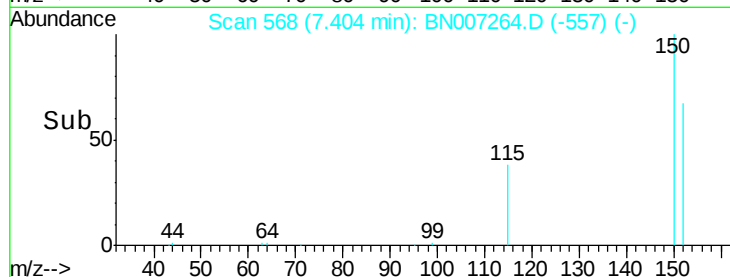
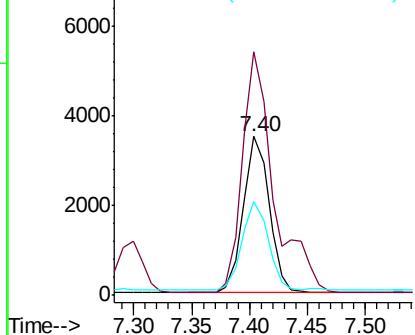
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

Tgt Ion: 152 Resp: 5398
Ion Ratio Lower Upper
152 100
150 153.4 123.8 185.8
115 58.8 47.3 70.9



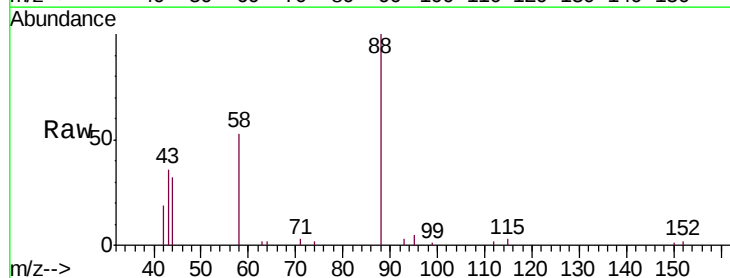
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



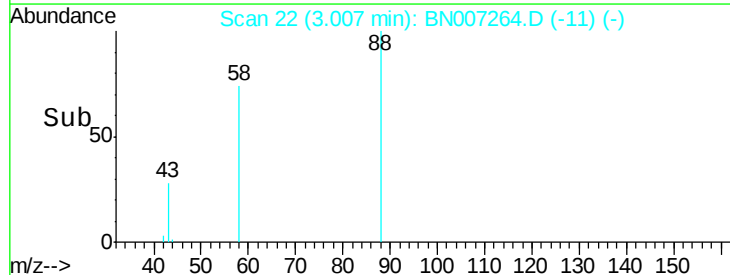
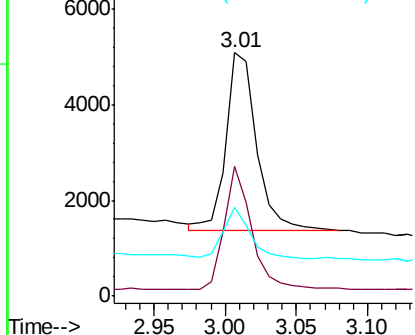
#2

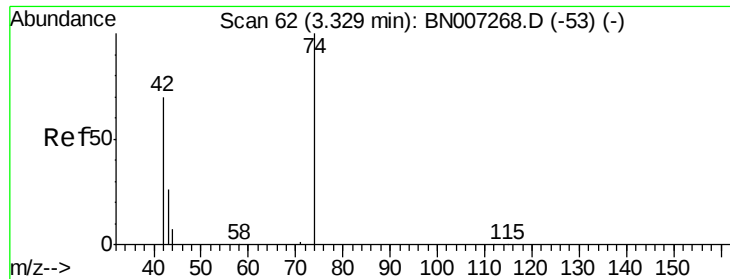
1,4-Dioxane
Concen: 0.624 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion: 88 Resp: 5533
Ion Ratio Lower Upper
88 100
58 60.2 45.5 68.3
43 25.3 20.4 30.6



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: 0.616 ng

RT: 3.31 min Scan# 60

Delta R.T. -0.02 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

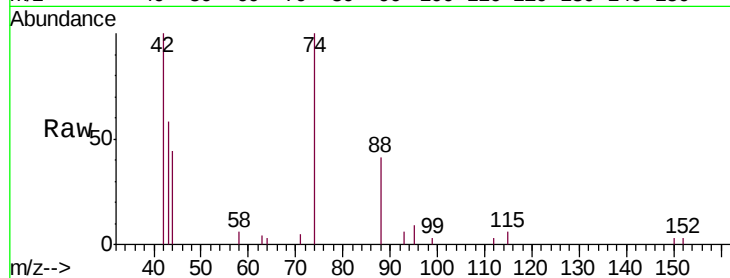
Tgt Ion: 42 Resp: 4238

Ion Ratio Lower Upper

42 100

74 137.5 109.0 163.4

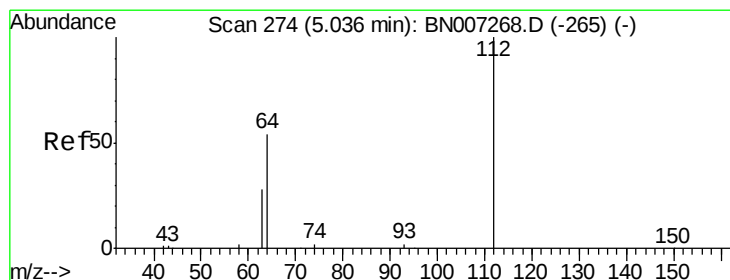
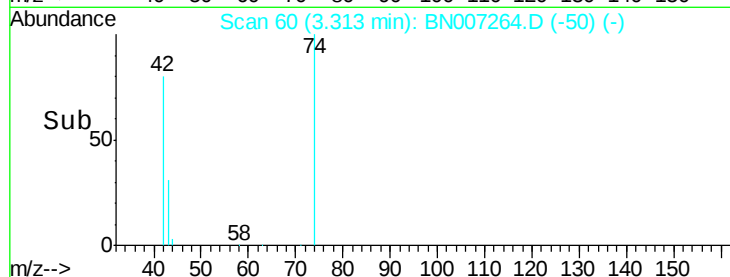
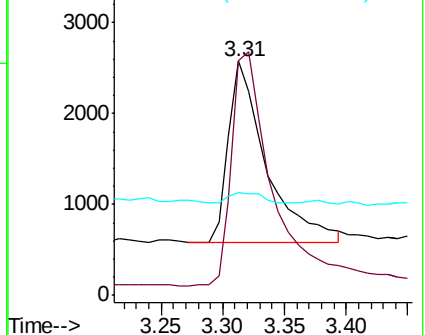
44 5.8 4.2 6.2



Abundance Ion 42.00 (41.70 to 42.70): BN007268.D (-53) (-)

Ion 74.00 (73.70 to 74.70): BN007268.D (-53) (-)

Ion 44.00 (43.70 to 44.70): BN007268.D (-53) (-)



#4

2-Fluorophenol

Concen: 0.967 ng

RT: 5.04 min Scan# 274

Delta R.T. -0.00 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

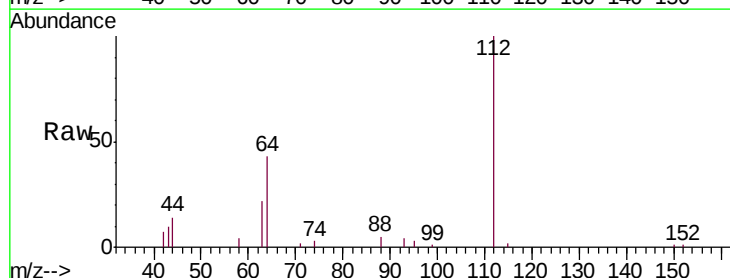
Tgt Ion: 112 Resp: 11597

Ion Ratio Lower Upper

112 100

64 51.8 41.8 62.8

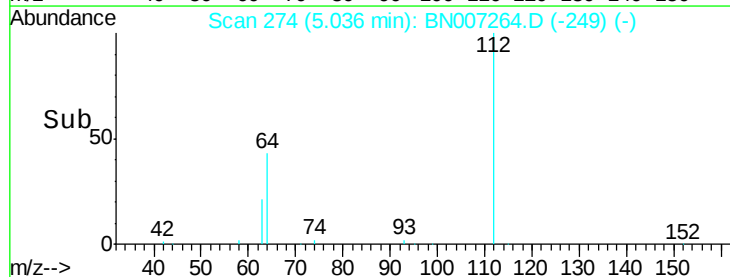
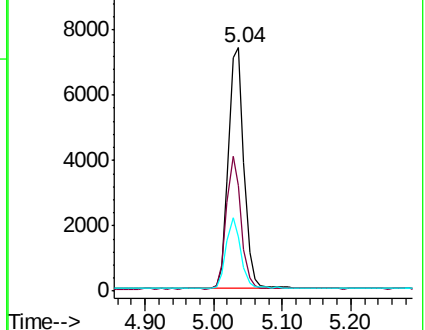
63 27.2 22.6 34.0

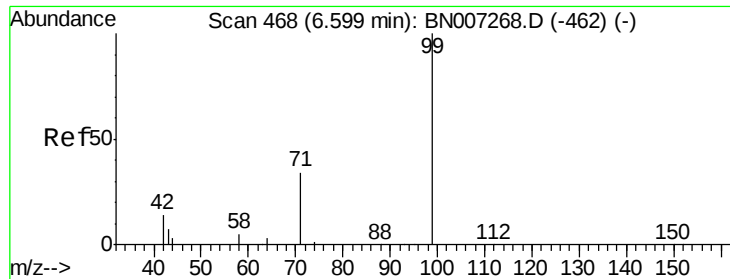


Abundance Ion 112.00 (111.70 to 112.70): BN007268.D (-265) (-)

Ion 64.00 (63.70 to 64.70): BN007268.D (-265) (-)

Ion 63.00 (62.70 to 63.70): BN007268.D (-265) (-)





#5

Phenol-d6

Concen: 0.834 ng

RT: 6.59 min Scan# 467

Delta R.T. -0.01 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

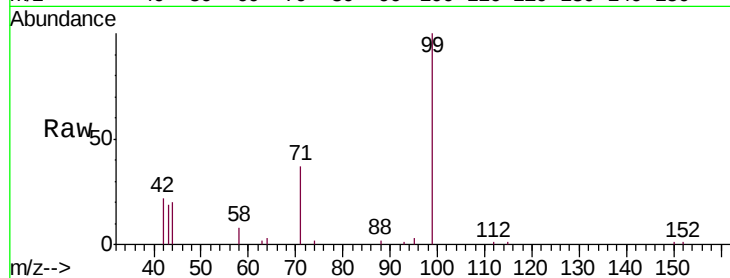
Tgt Ion: 99 Resp: 13775

Ion Ratio Lower Upper

99 100

42 18.3 14.3 21.5

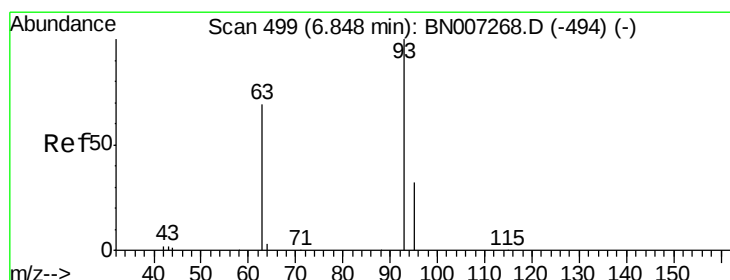
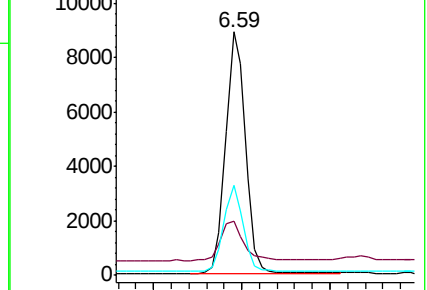
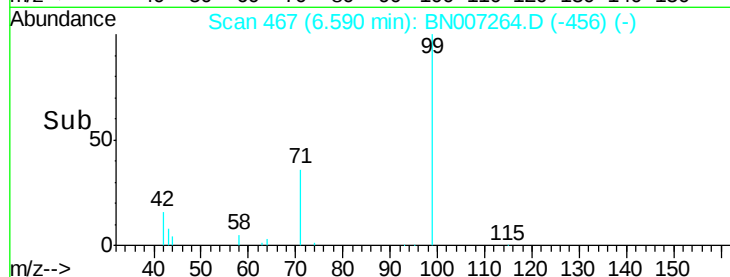
71 34.7 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN007264.D (-456) (-)

Ion 42.00 (41.70 to 42.70): BN007264.D (-456) (-)

Ion 71.00 (70.70 to 71.70): BN007264.D (-456) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.670 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.01 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

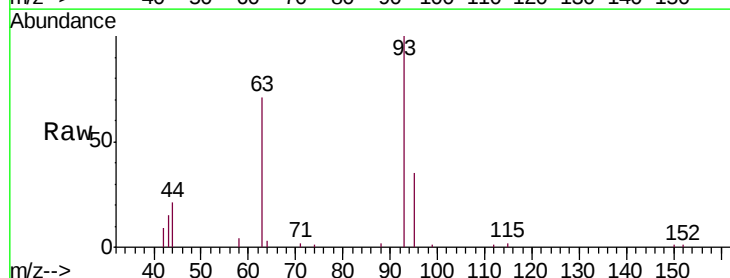
Tgt Ion: 93 Resp: 12299

Ion Ratio Lower Upper

93 100

63 68.8 54.4 81.6

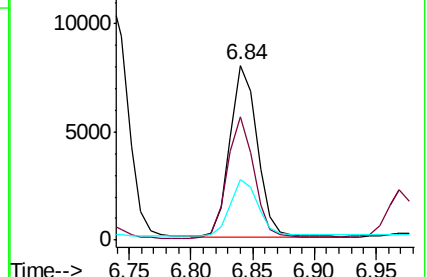
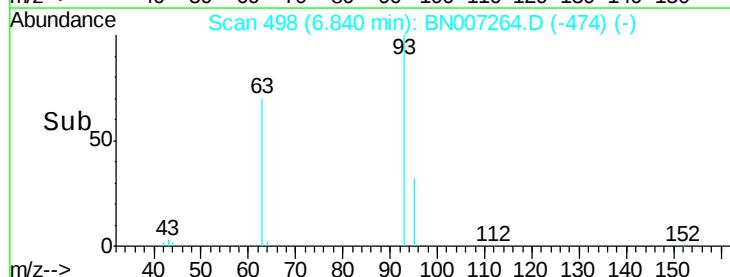
95 32.9 25.5 38.3

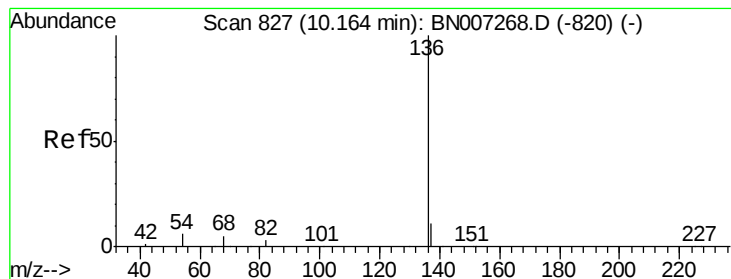


Abundance Ion 93.00 (92.70 to 93.70): BN007264.D (-474) (-)

Ion 63.00 (62.70 to 63.70): BN007264.D (-474) (-)

Ion 95.00 (94.70 to 95.70): BN007264.D (-474) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

Tgt Ion: 136 Resp: 19806

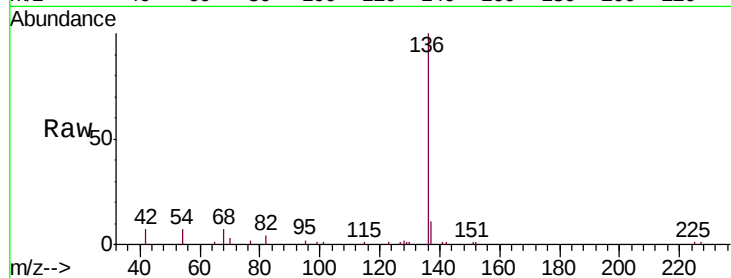
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 6.6 5.9 8.9

68 7.0 5.6 8.4

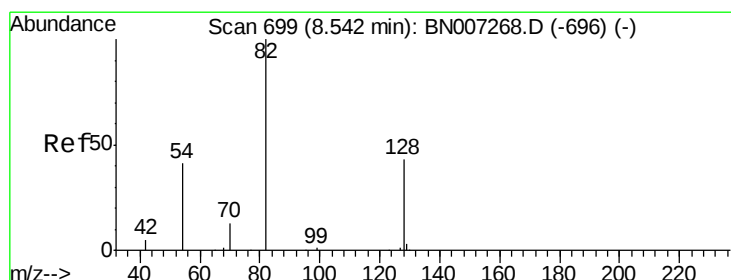
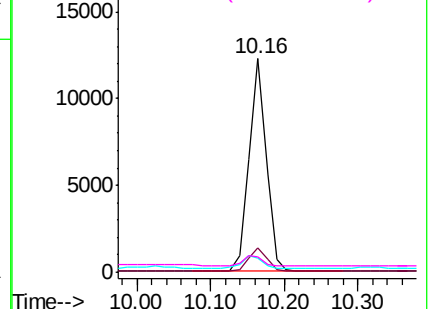
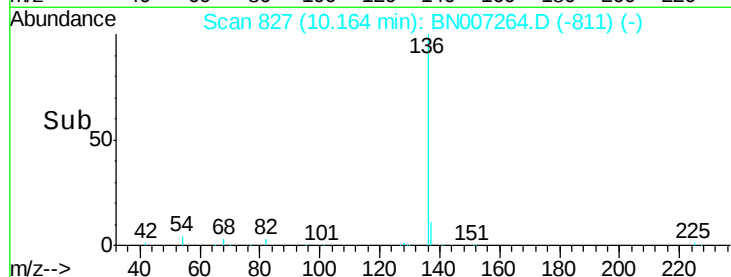


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.864 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.01 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

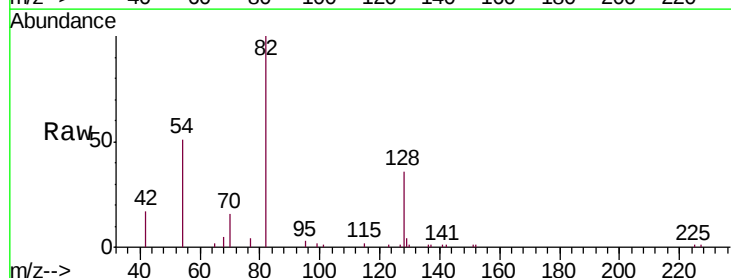
Tgt Ion: 82 Resp: 11668

Ion Ratio Lower Upper

82 100

128 36.1 35.8 53.6

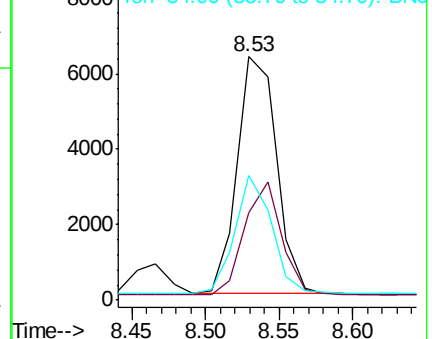
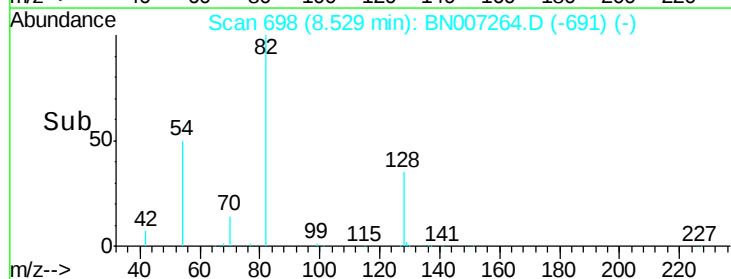
54 51.1 34.7 52.1

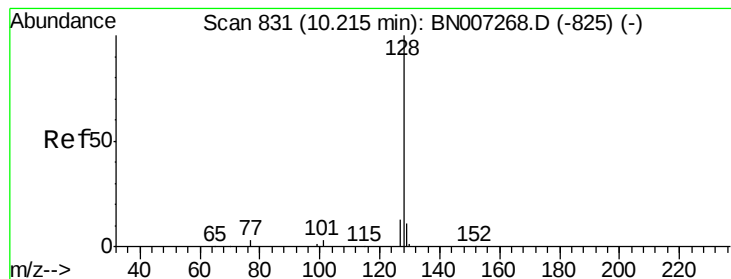


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.818 ng

RT: 10.21 min Scan# 831

Delta R.T. -0.00 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

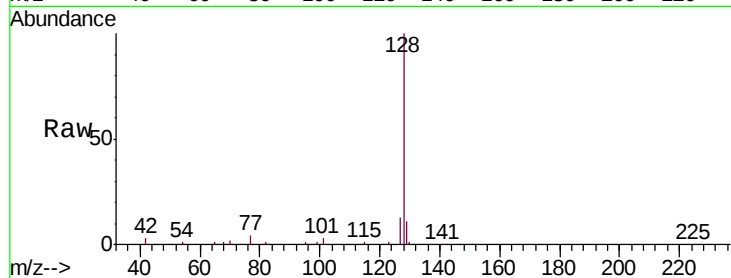
Tgt Ion:128 Resp: 43379

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

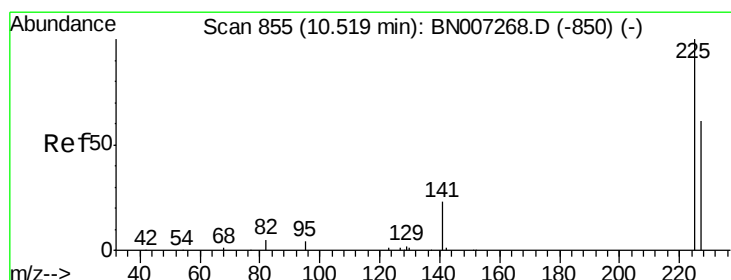
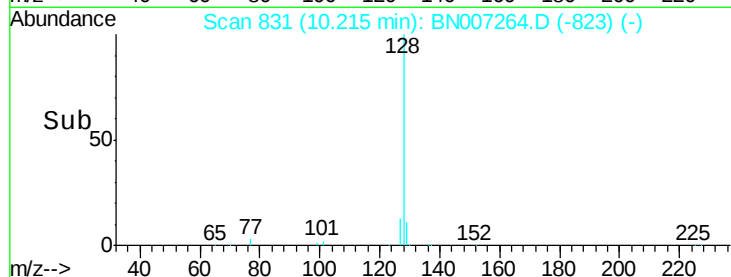
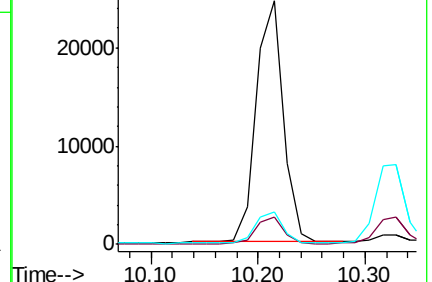
127 13.2 10.6 16.0



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: 0.827 ng

RT: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

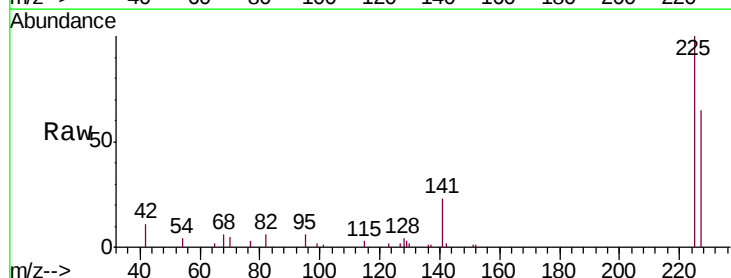
Tgt Ion:225 Resp: 9514

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

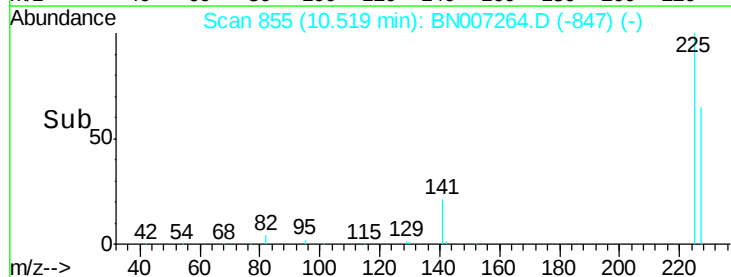
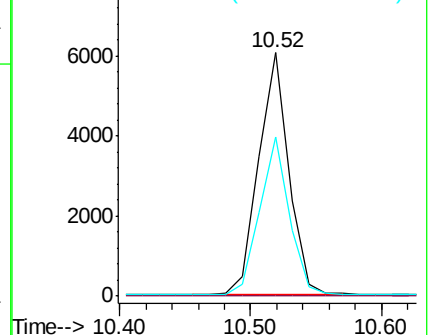
227 63.8 50.2 75.2

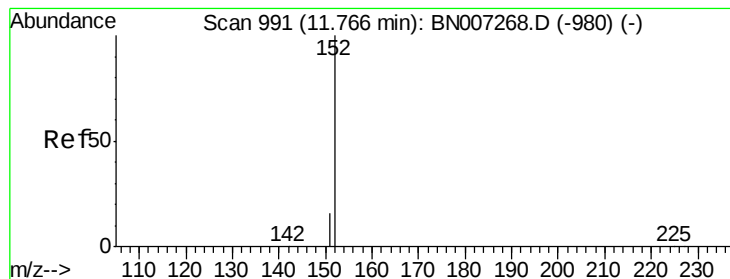


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.894 ng

RT: 11.77 min Scan# 991

Delta R.T. -0.00 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

Instrument :

BNA_N

ClientSampleId :

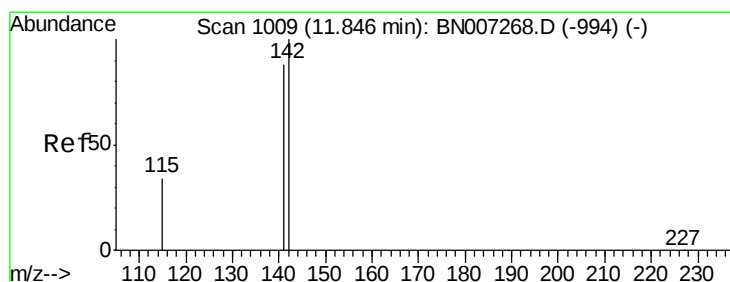
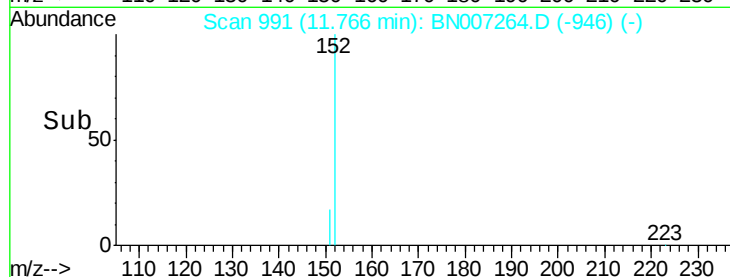
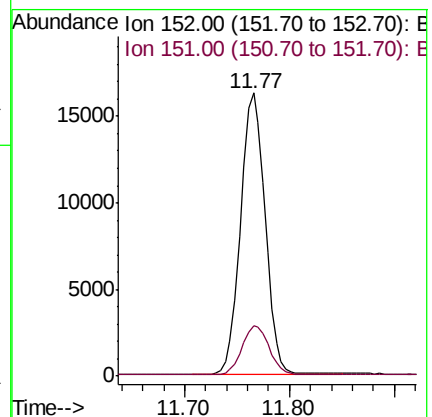
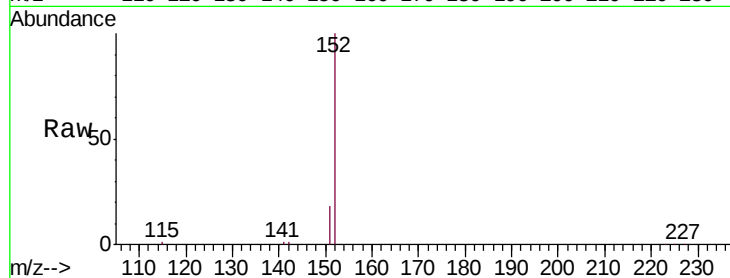
SSTDIC0.8

Tgt Ion:152 Resp: 26453

Ion Ratio Lower Upper

152 100

151 19.1 15.2 22.8



#12

2-Methylnaphthalene

Concen: 0.890 ng

RT: 11.84 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

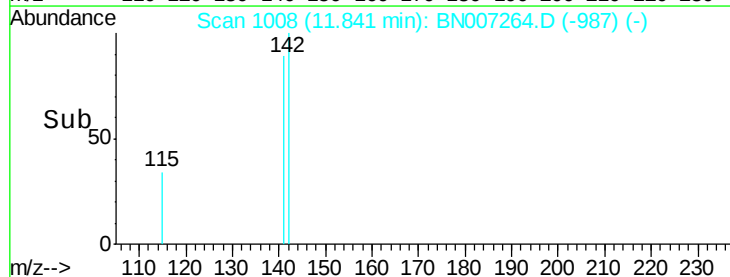
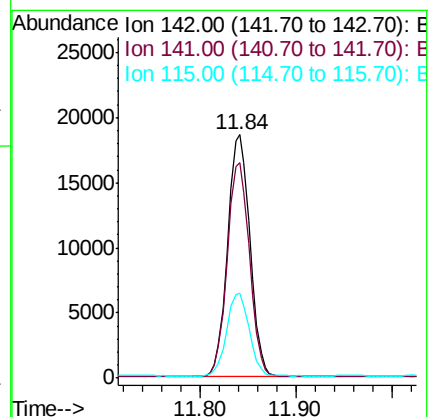
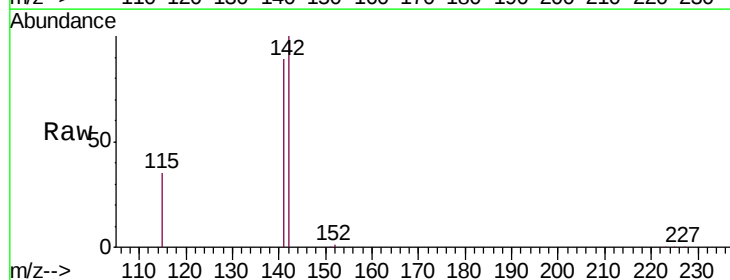
Tgt Ion:142 Resp: 30174

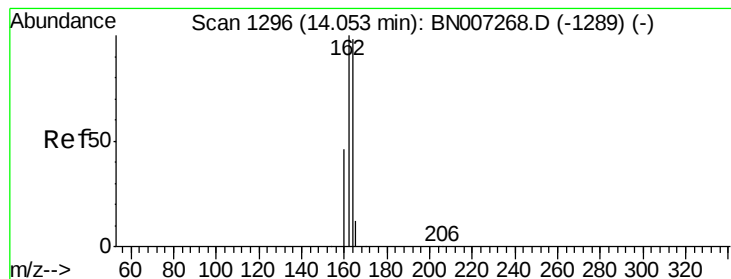
Ion Ratio Lower Upper

142 100

141 88.6 70.7 106.1

115 35.0 28.1 42.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

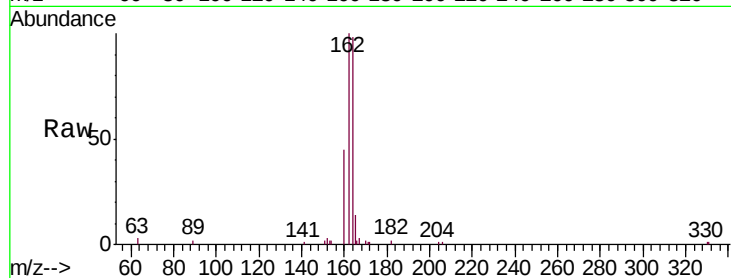
Tgt Ion:164 Resp: 11729

Ion Ratio Lower Upper

164 100

162 101.7 82.0 123.0

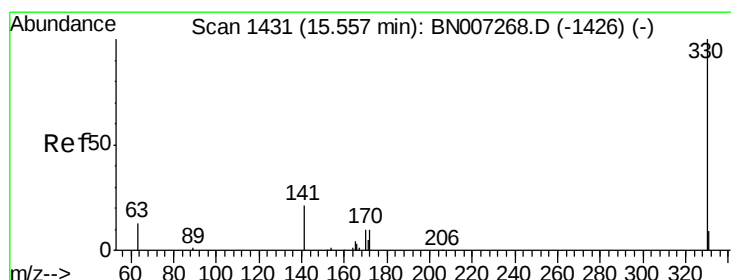
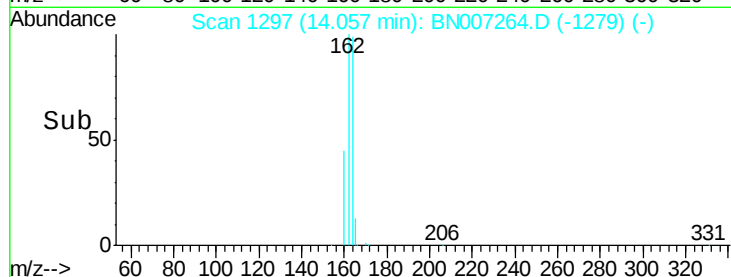
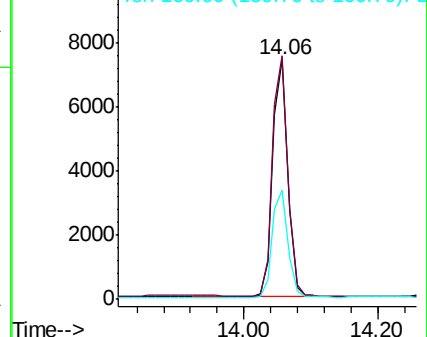
160 45.8 38.2 57.4



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: 0.872 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

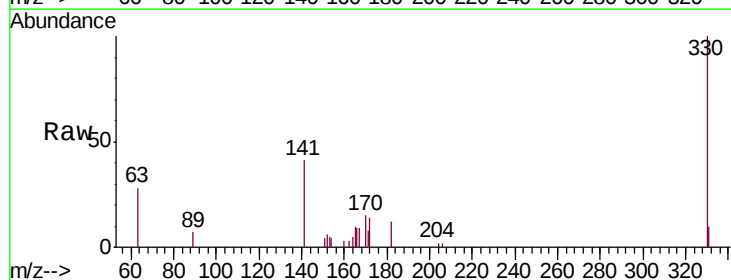
Tgt Ion:330 Resp: 4774

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

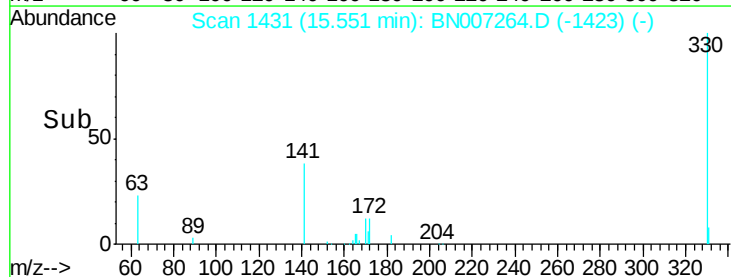
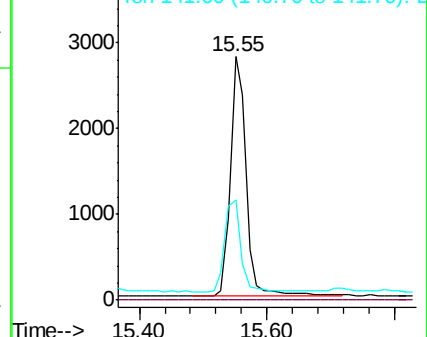
141 40.5 30.3 45.5

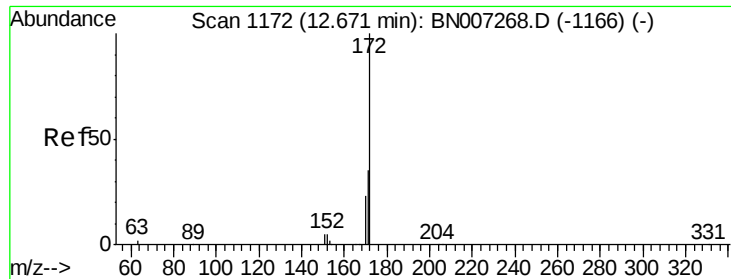


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

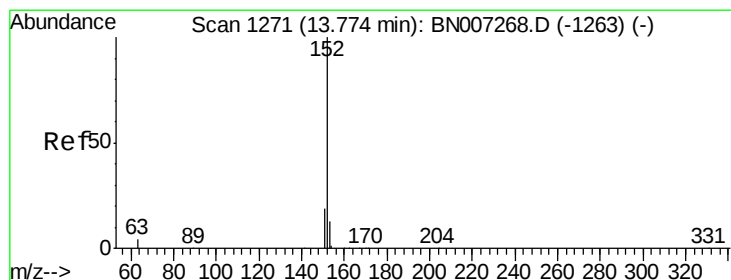
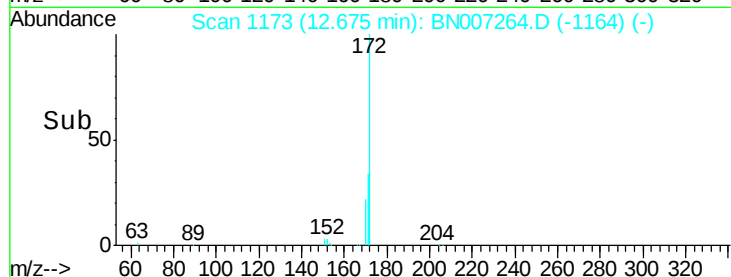
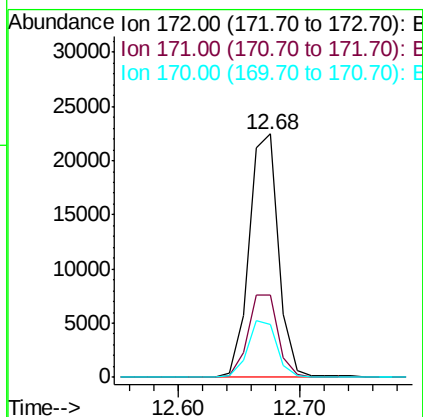
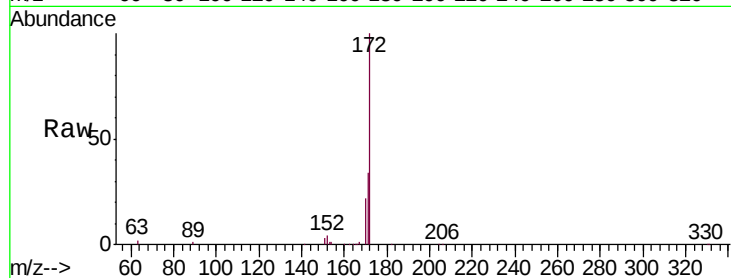




#15
2-Fluorobiphenyl
Concen: 0.858 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

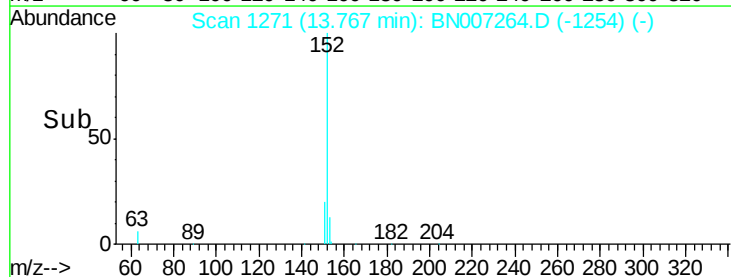
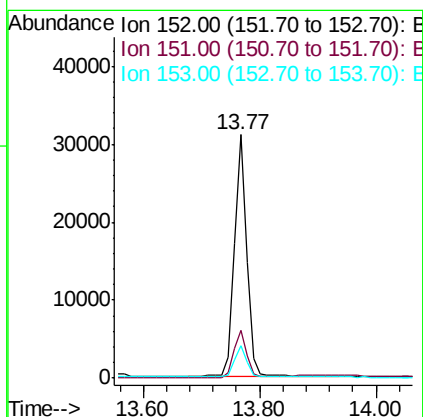
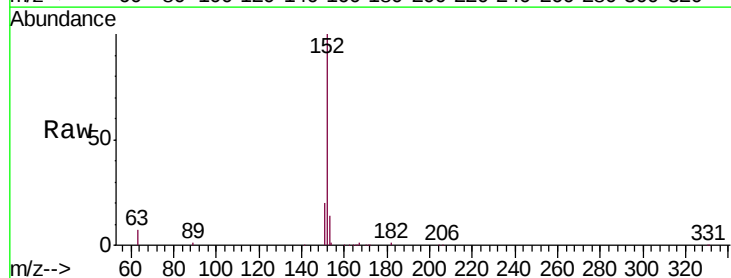
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

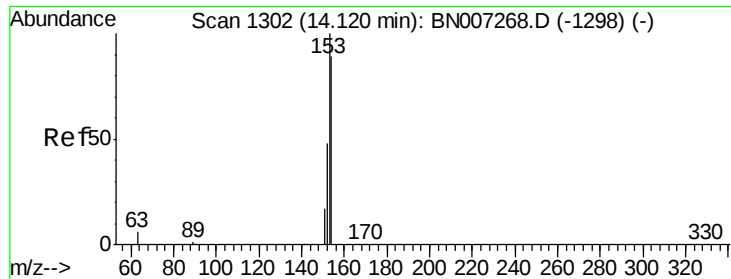
Tgt Ion:172 Resp: 37492
Ion Ratio Lower Upper
172 100
171 33.8 28.6 43.0
170 21.7 18.7 28.1



#16
Acenaphthylene
Concen: 0.846 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion:152 Resp: 46847
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.2
153 12.8 10.1 15.1

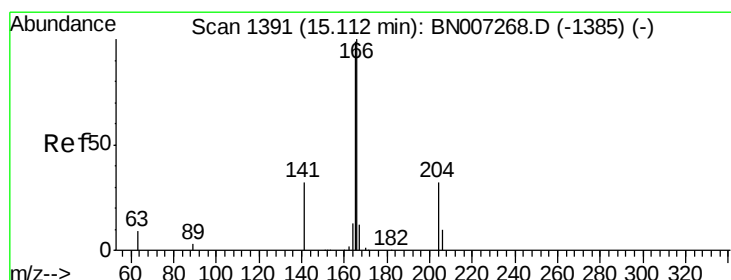
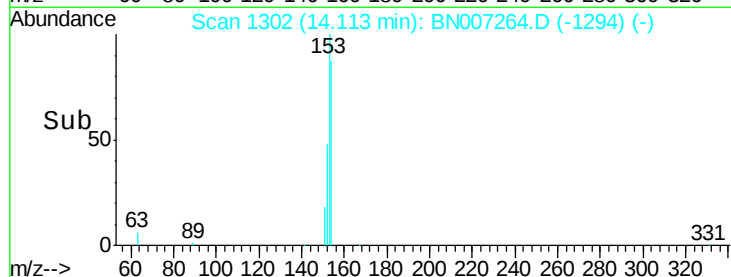
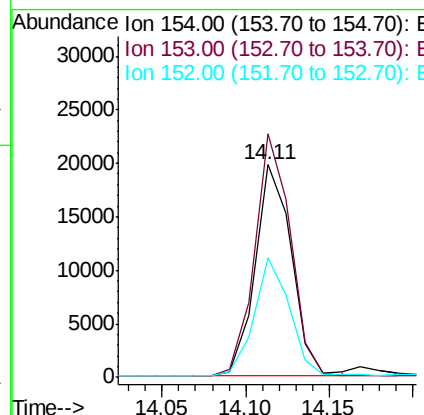
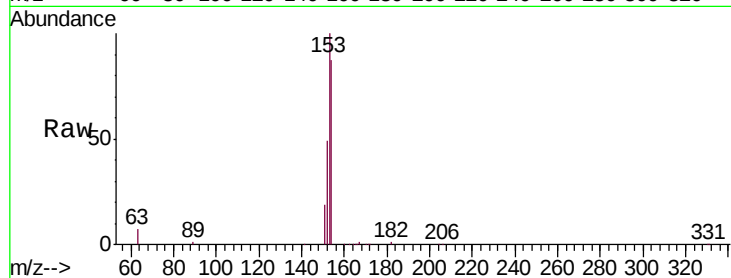




#17
Acenaphthene
Concen: 0.808 ng
RT: 14.11 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

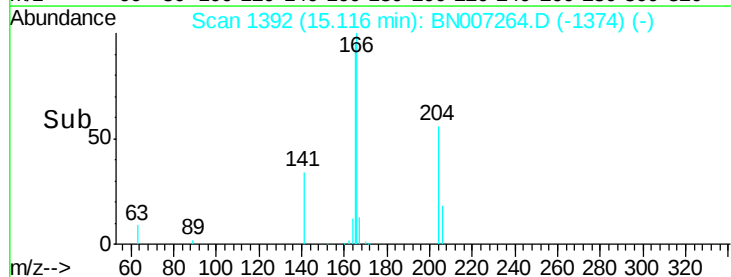
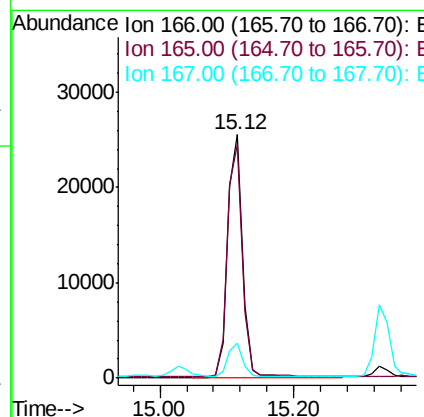
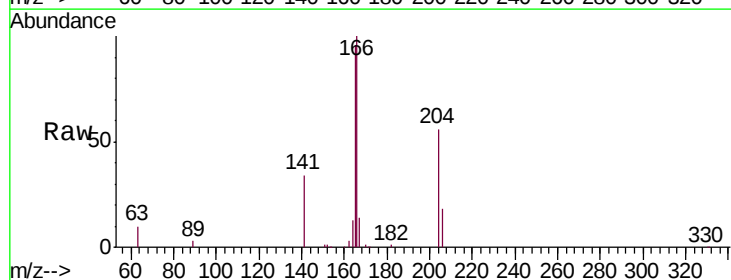
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

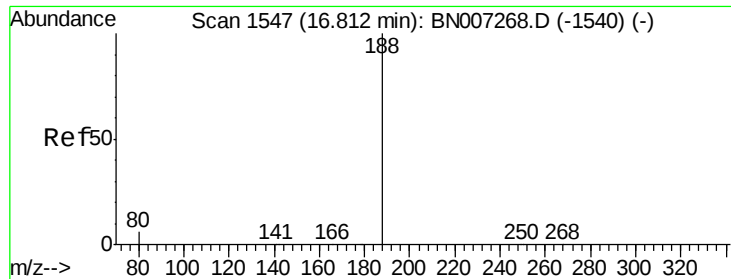
Tgt Ion:154 Resp: 30044
Ion Ratio Lower Upper
154 100
153 113.1 89.9 134.9
152 53.7 43.9 65.9



#18
Fluorene
Concen: 0.854 ng
RT: 15.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion:166 Resp: 39329
Ion Ratio Lower Upper
166 100
165 98.1 78.3 117.5
167 13.5 11.1 16.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

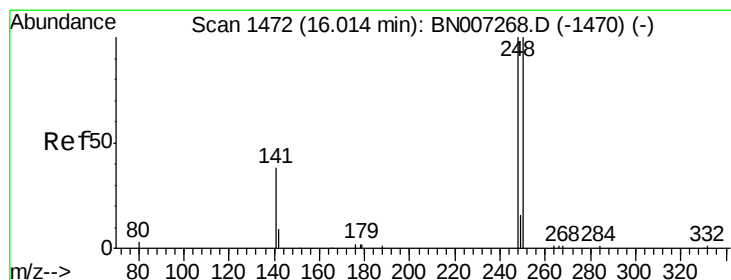
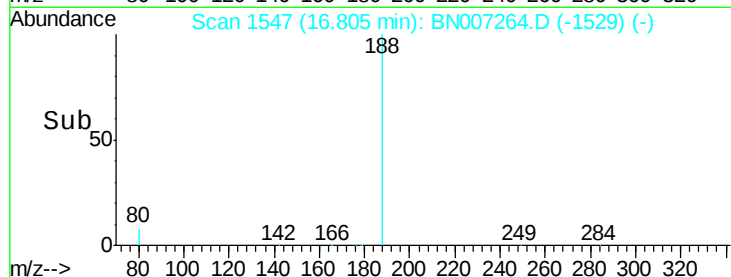
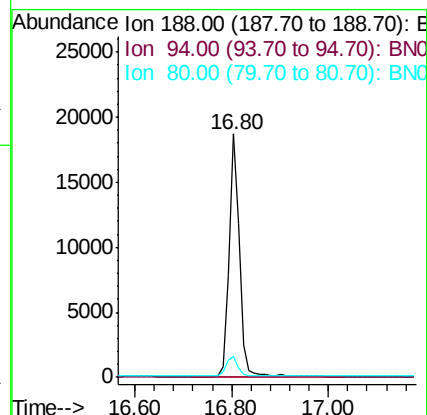
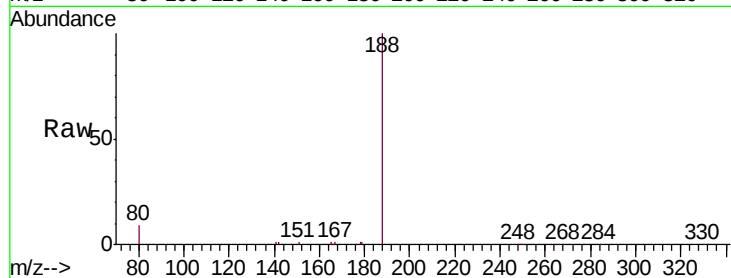
Tgt Ion:188 Resp: 27508

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.7 5.2 7.8#



#20

4-Bromophenyl-phenylether

Concen: 0.798 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

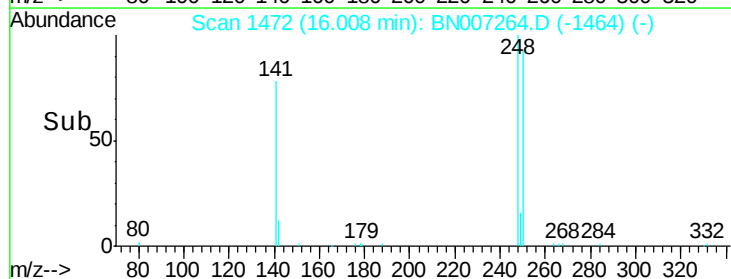
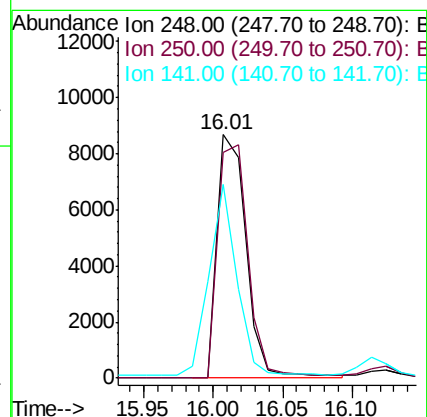
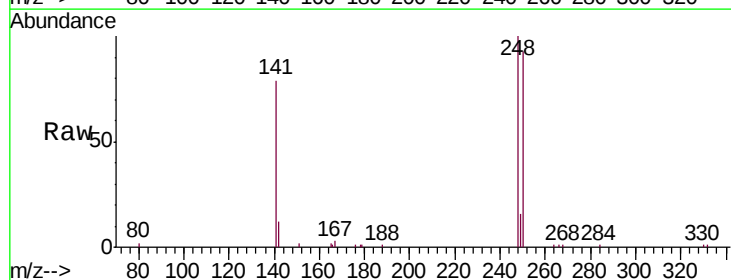
Tgt Ion:248 Resp: 12422

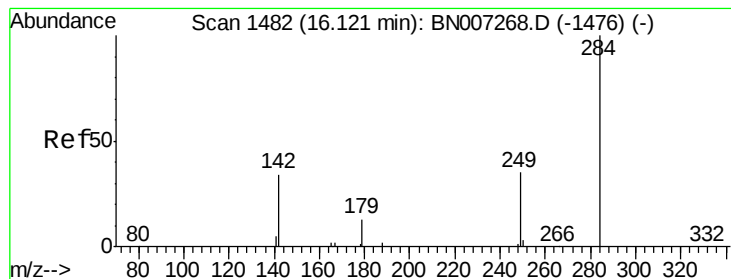
Ion Ratio Lower Upper

248 100

250 92.5 79.6 119.4

141 79.5 45.1 67.7#





#21

Hexachlorobenzene

Concen: 0.673 ng

RT: 16.12 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

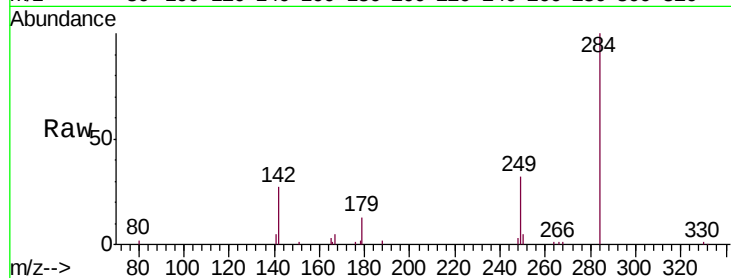
Tgt Ion:284 Resp: 13641

Ion Ratio Lower Upper

284 100

142 37.9 29.5 44.3

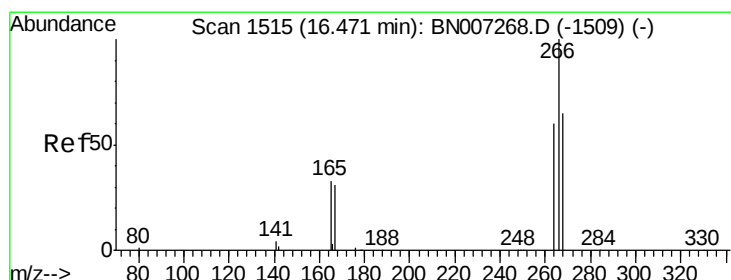
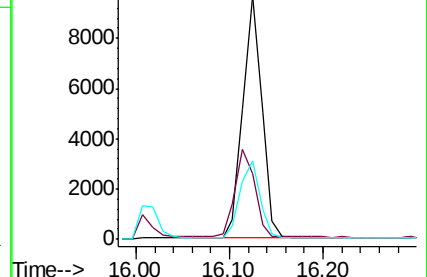
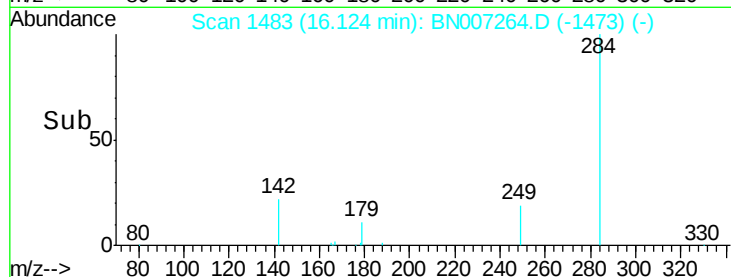
249 32.7 26.2 39.4



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: 2.270 ng

RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

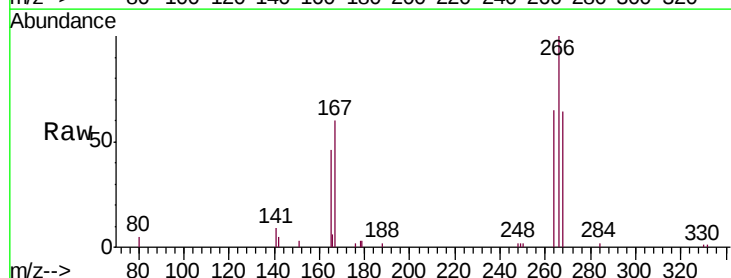
Tgt Ion:266 Resp: 6067

Ion Ratio Lower Upper

266 100

264 64.7 48.7 73.1

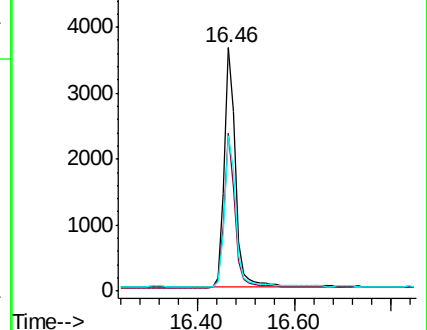
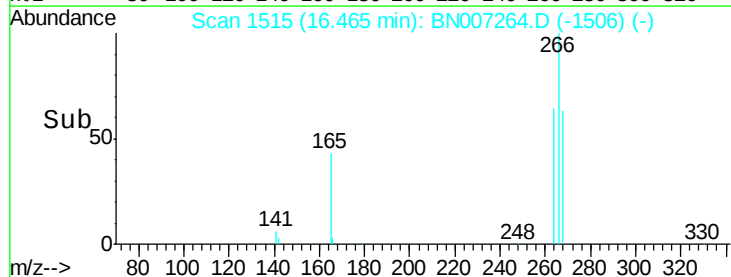
268 63.6 53.5 80.3

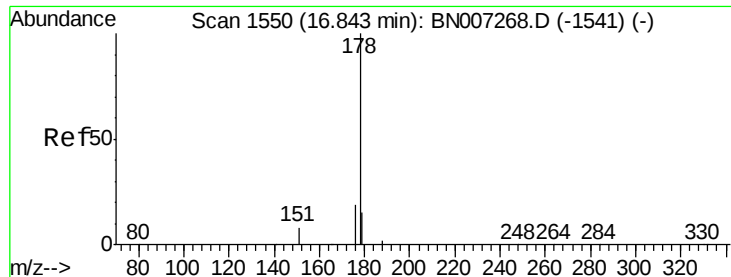


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.862 ng

RT: 16.85 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

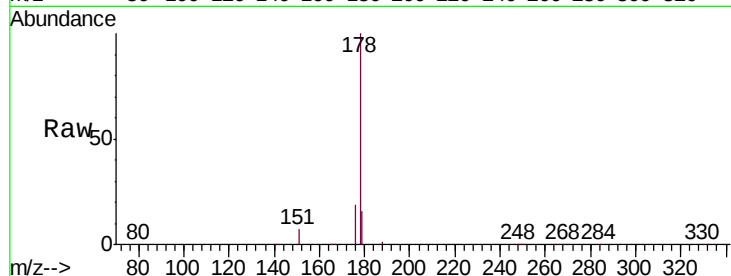
Tgt Ion:178 Resp: 65723

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

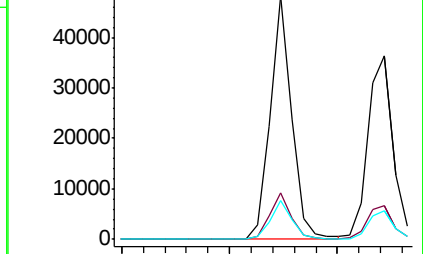
179 15.5 12.3 18.5



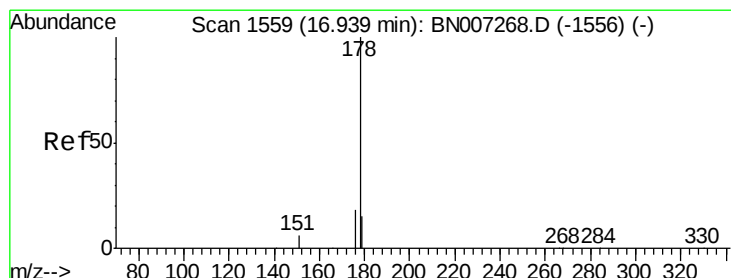
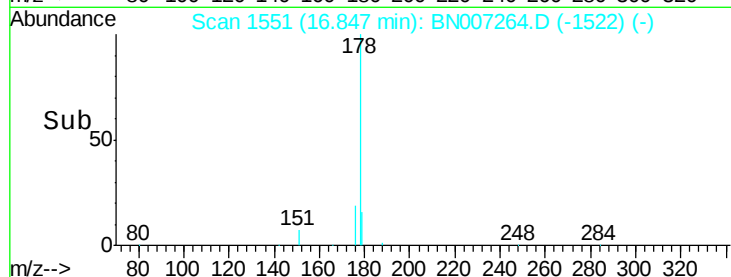
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 16.70 16.80 16.90



#24

Anthracene

Concen: 0.900 ng

RT: 16.94 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

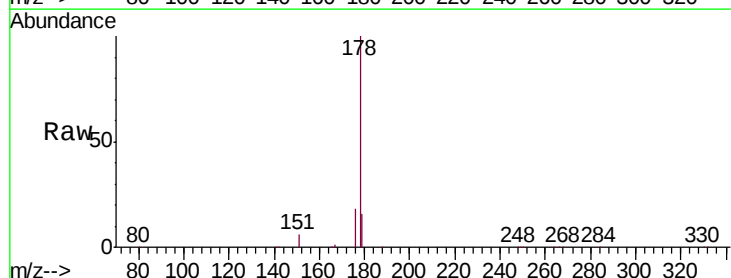
Tgt Ion:178 Resp: 59445

Ion Ratio Lower Upper

178 100

176 18.4 14.3 21.5

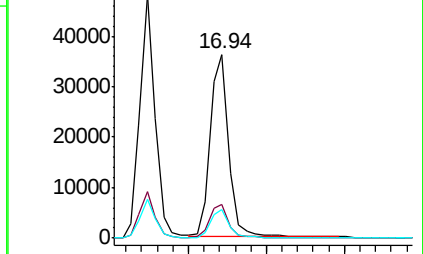
179 15.2 12.3 18.5



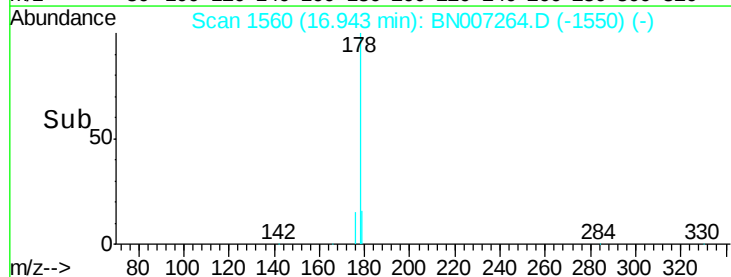
Abundance Ion 178.00 (177.70 to 178.70): E

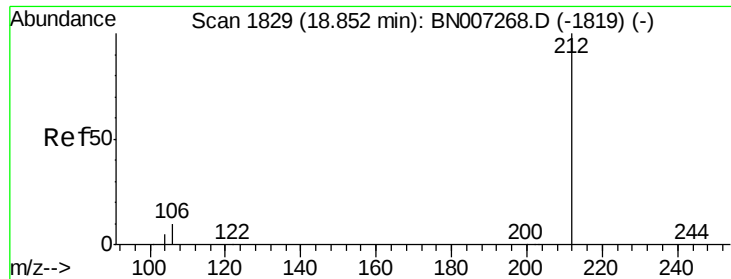
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 16.90 17.00 17.10





#25

Fluoranthene-d10

Concen: 0.820 ng

RT: 18.85 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

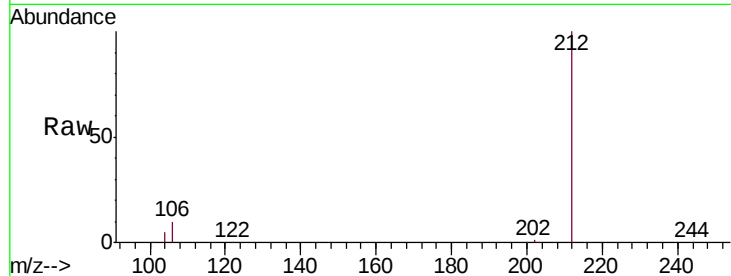
Tgt Ion:212 Resp: 68179

Ion Ratio Lower Upper

212 100

106 10.4 8.2 12.4

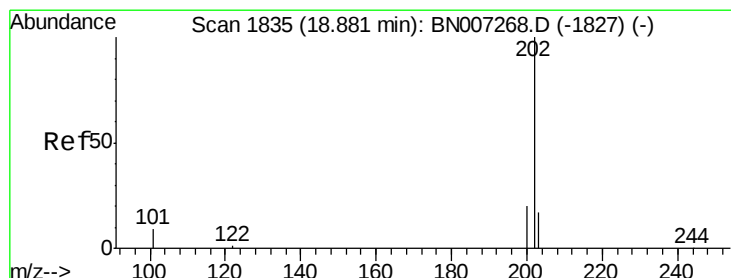
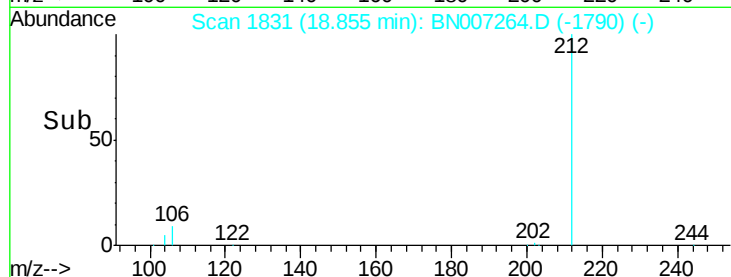
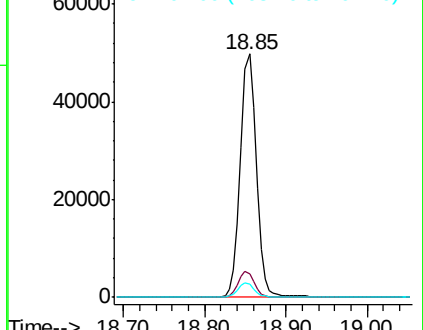
104 5.8 4.7 7.1



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: 0.848 ng

RT: 18.88 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

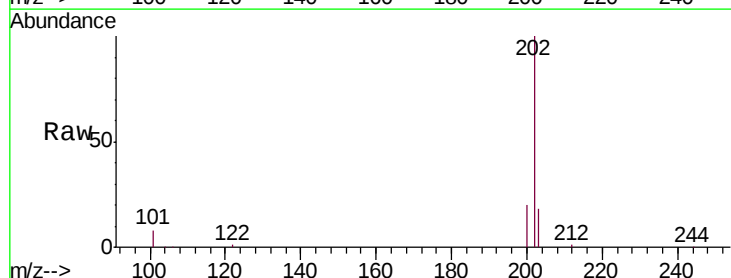
Tgt Ion:202 Resp: 81186

Ion Ratio Lower Upper

202 100

101 9.0 7.2 10.8

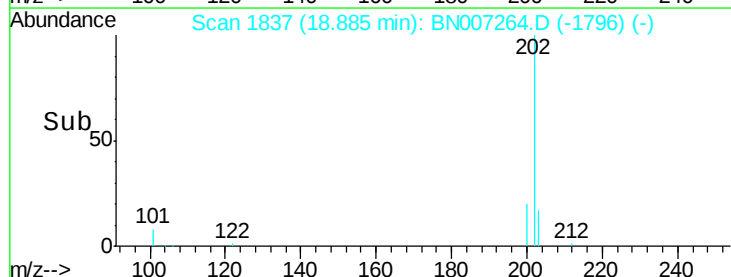
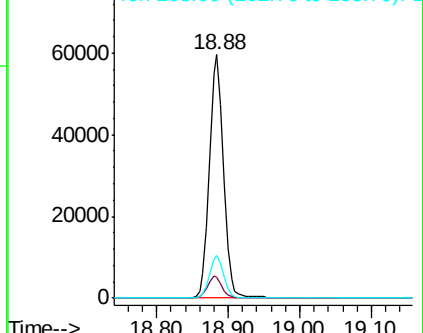
203 17.2 13.8 20.6

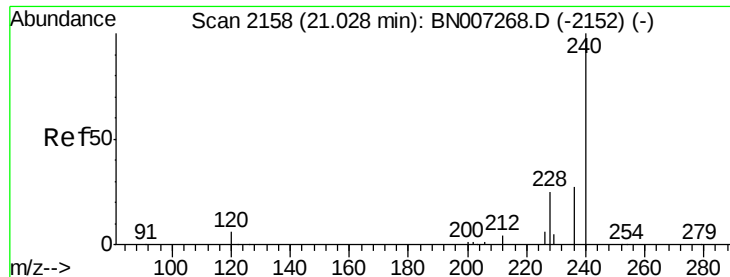


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

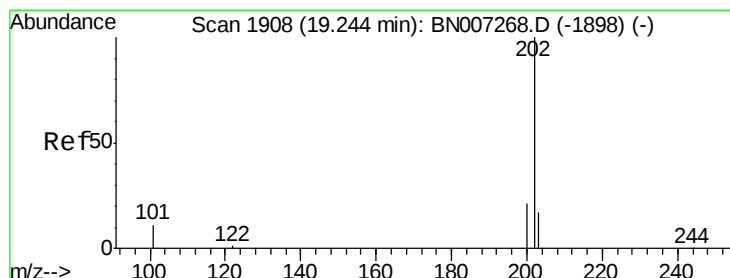
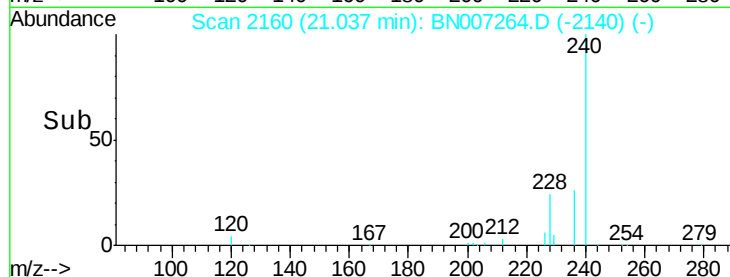
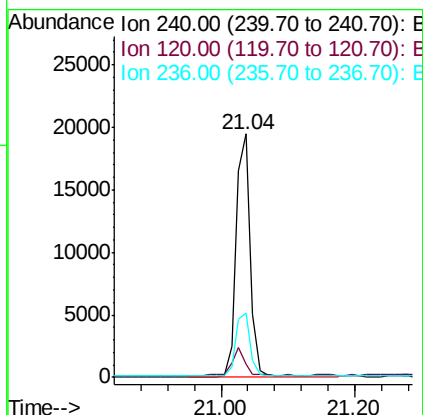
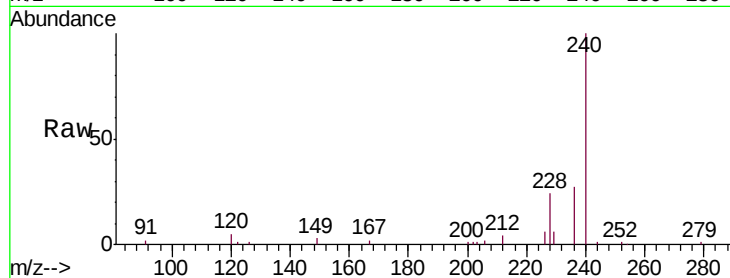




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.04 min Scan# 2160
 Delta R.T. 0.01 min
 Lab File: BN007264.D
 Acq: 20 Aug 2019 14:49

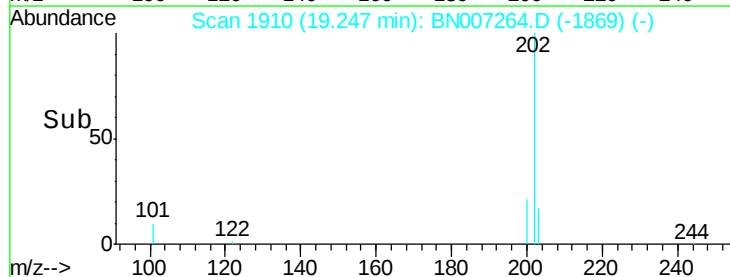
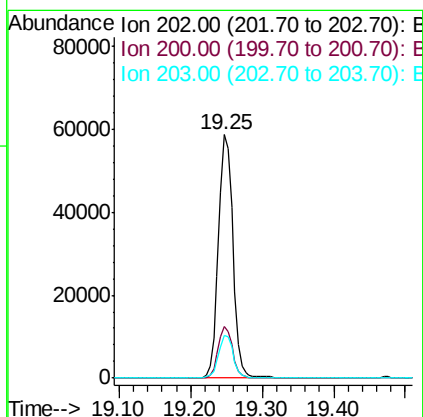
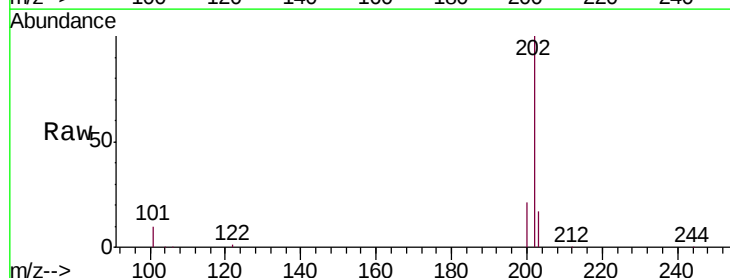
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

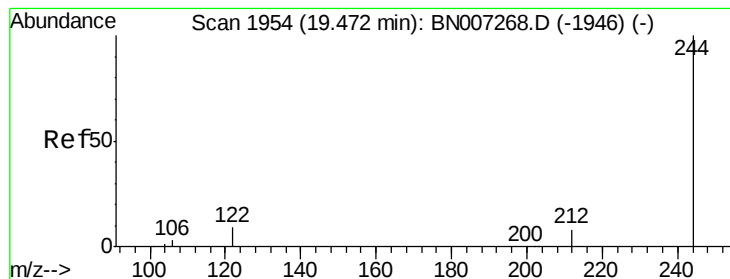
Tgt Ion: 240 Resp: 28337
 Ion Ratio Lower Upper
 240 100
 120 5.3 5.6 8.4#
 236 26.7 21.6 32.4



#28
 Pyrene
 Concen: 0.831 ng
 RT: 19.25 min Scan# 1910
 Delta R.T. 0.00 min
 Lab File: BN007264.D
 Acq: 20 Aug 2019 14:49

Tgt Ion: 202 Resp: 81797
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.7 25.1
 203 17.4 13.9 20.9





#29

Terphenyl-d14

Concen: 0.874 ng

RT: 19.48 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

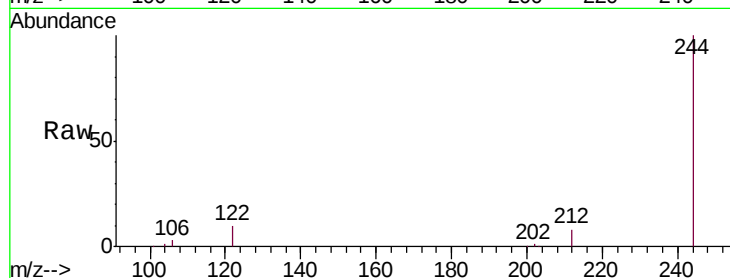
Tgt Ion:244 Resp: 54589

Ion Ratio Lower Upper

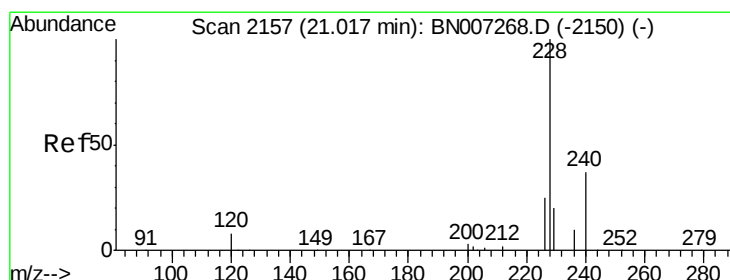
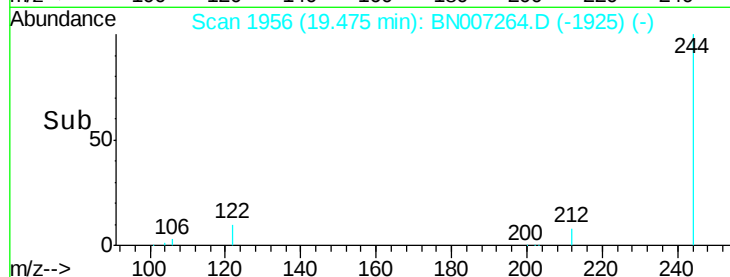
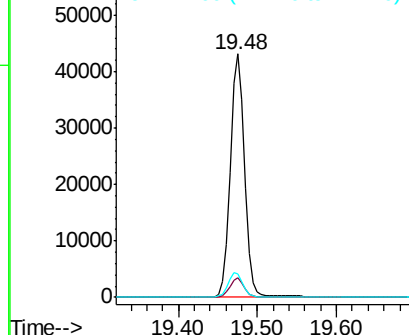
244 100

212 8.0 6.5 9.7

122 9.7 7.9 11.9



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: 0.951 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

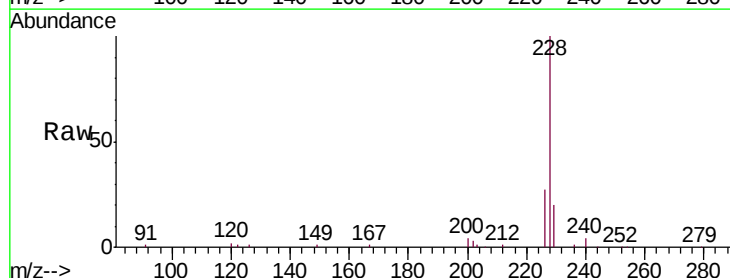
Tgt Ion:228 Resp: 83089

Ion Ratio Lower Upper

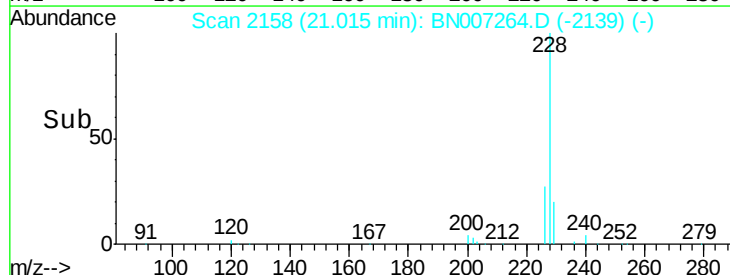
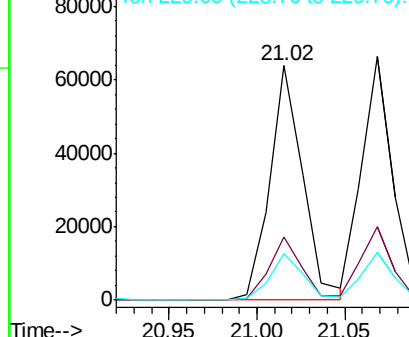
228 100

226 27.1 20.6 30.8

229 19.9 16.9 25.3



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: 0.829 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.01 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

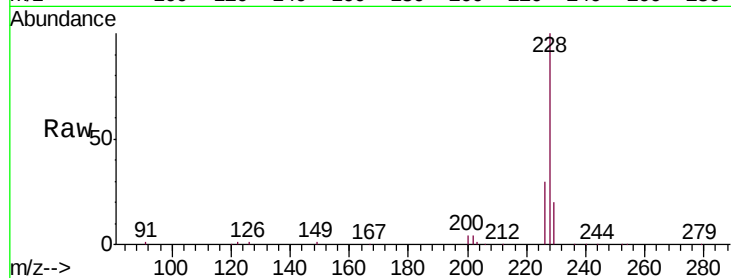
Tgt Ion:228 Resp: 81124

Ion Ratio Lower Upper

228 100

226 29.9 24.6 36.8

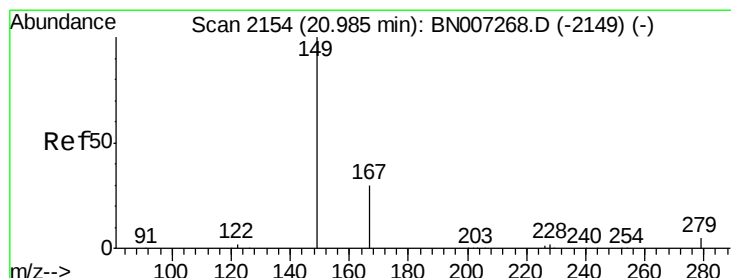
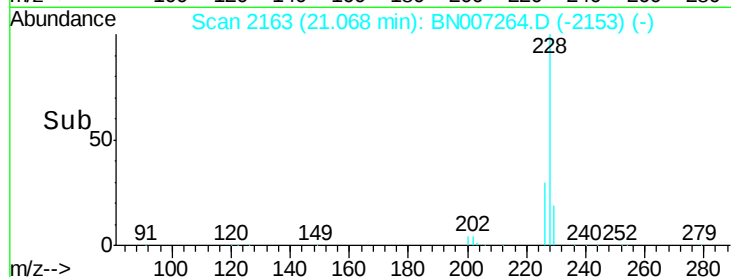
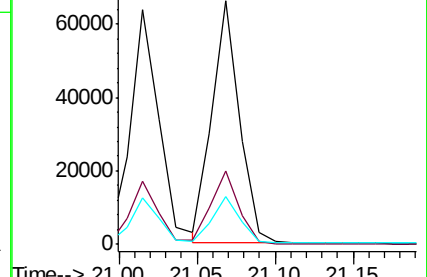
229 19.8 15.6 23.4



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.818 ng

RT: 20.98 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

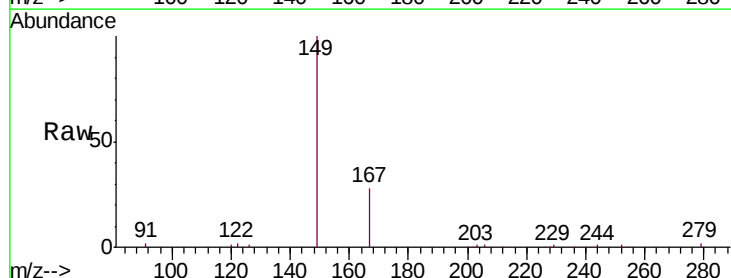
Tgt Ion:149 Resp: 33269

Ion Ratio Lower Upper

149 100

167 29.1 23.8 35.6

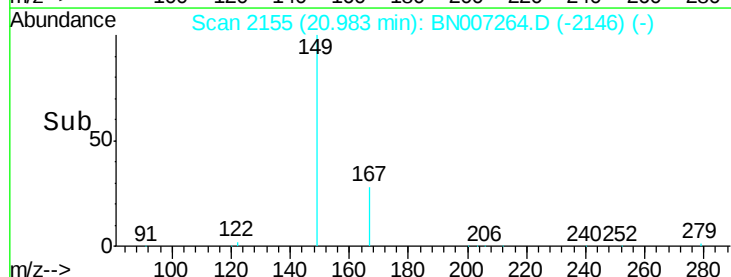
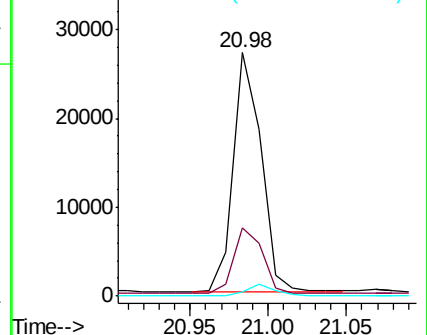
279 4.5 3.8 5.8

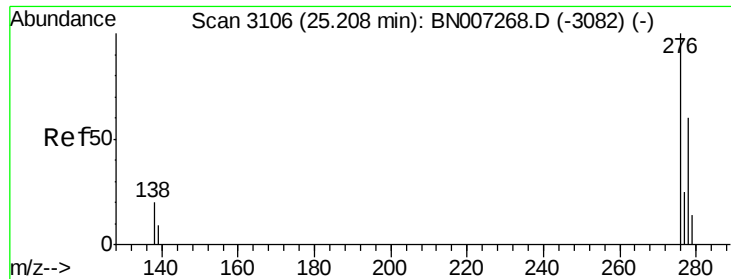


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.829 ng

RT: 25.22 min Scan# 3111

Delta R.T. 0.01 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

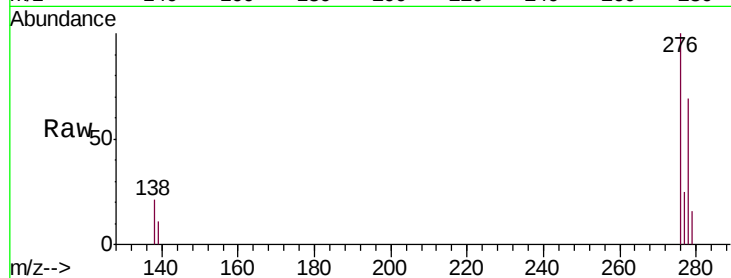
Tgt Ion:276 Resp: 99273

Ion Ratio Lower Upper

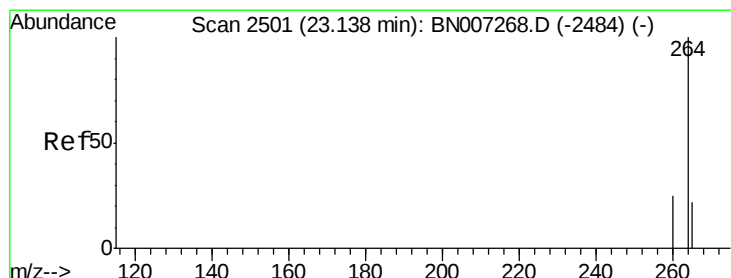
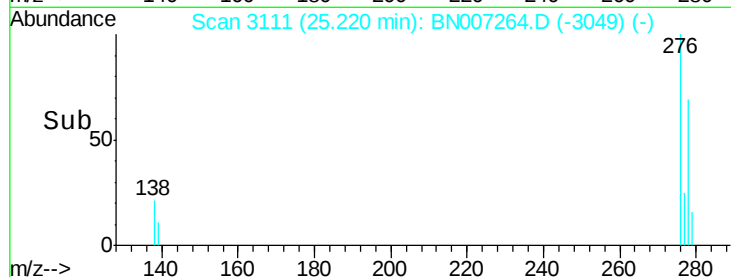
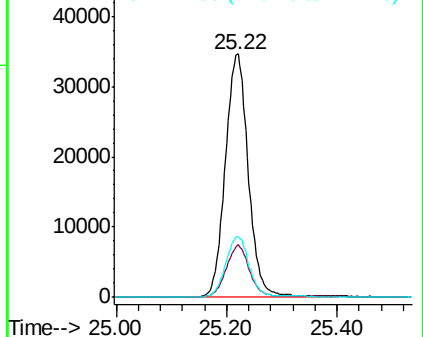
276 100

138 21.2 17.1 25.7

277 24.9 20.1 30.1



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: 23.15 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

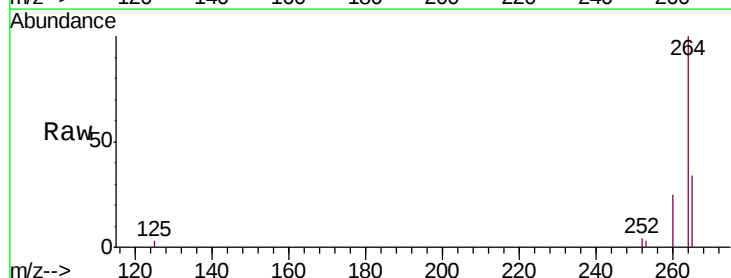
Tgt Ion:264 Resp: 30131

Ion Ratio Lower Upper

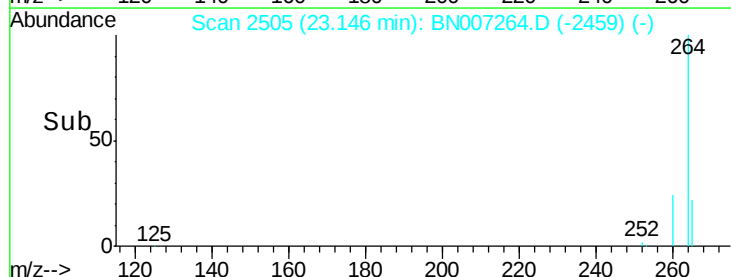
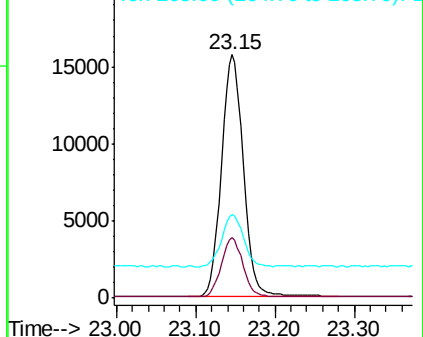
264 100

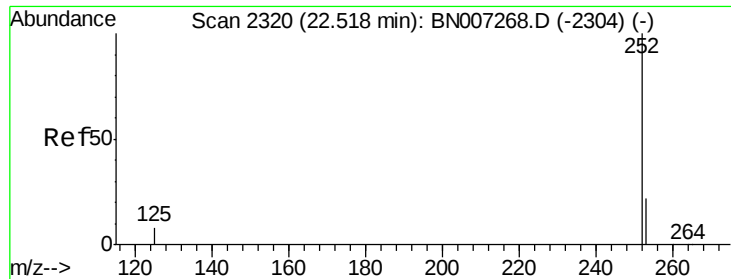
260 24.7 20.1 30.1

265 34.5 29.0 43.6



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

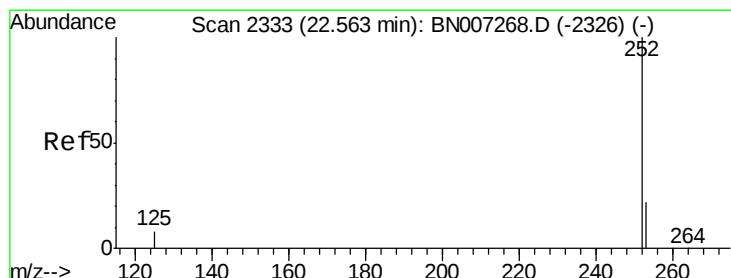
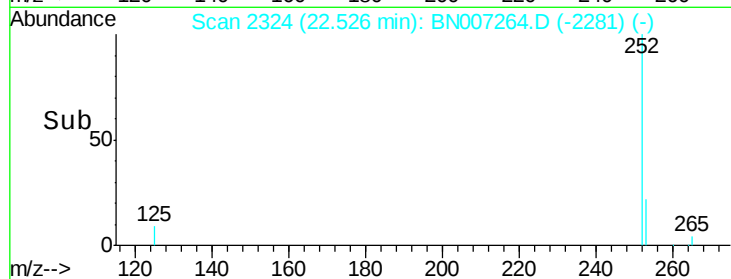
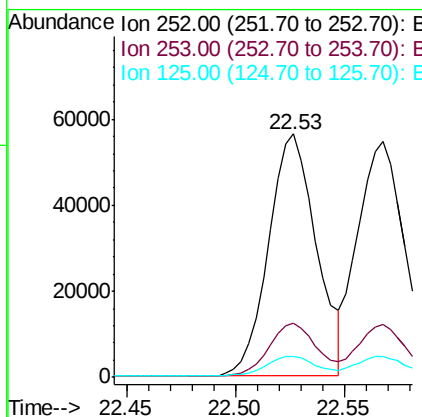
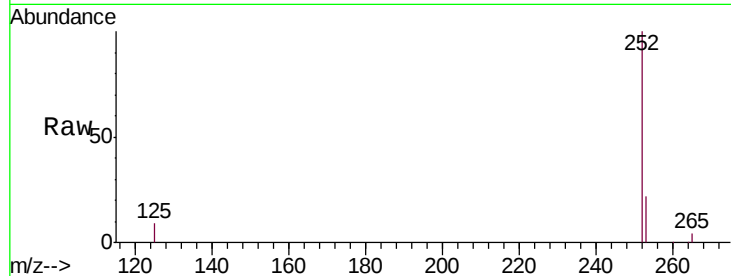




#35
Benzo(b)fluoranthene
Concen: 0.904 ng
RT: 22.53 min Scan# 2324
Delta R.T. 0.01 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

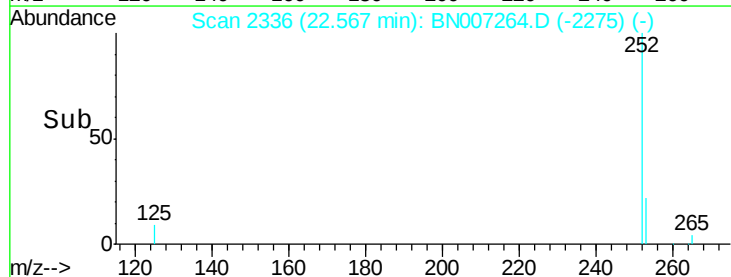
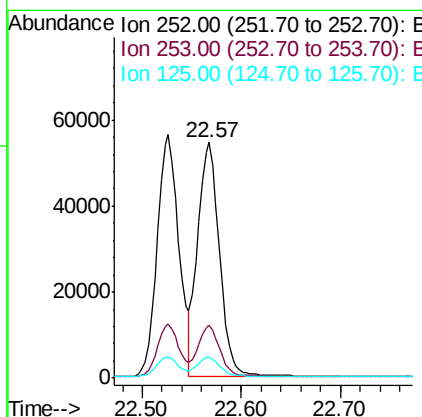
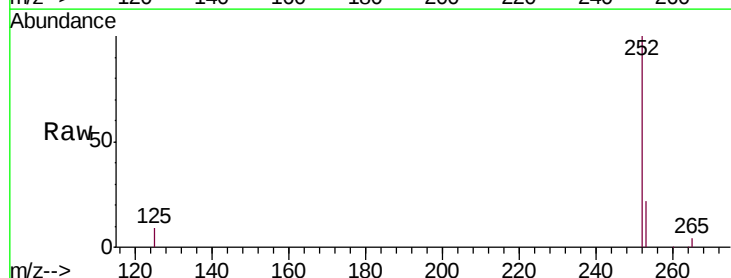
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

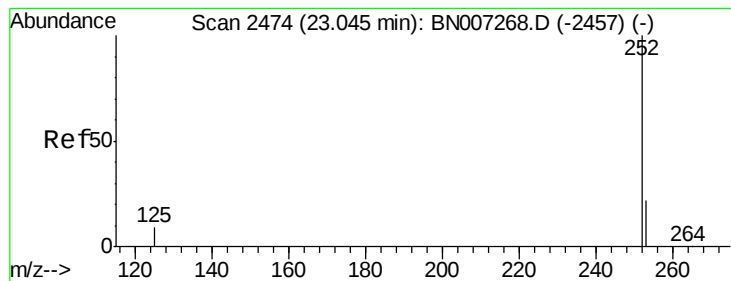
Tgt Ion:252 Resp: 85615
Ion Ratio Lower Upper
252 100
253 22.3 18.5 27.7
125 8.8 7.8 11.6



#36
Benzo(k)fluoranthene
Concen: 0.787 ng
RT: 22.57 min Scan# 2336
Delta R.T. 0.00 min
Lab File: BN007264.D
Acq: 20 Aug 2019 14:49

Tgt Ion:252 Resp: 83636
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 9.1 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.835 ng

RT: 23.06 min Scan# 2479

Delta R.T. 0.01 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

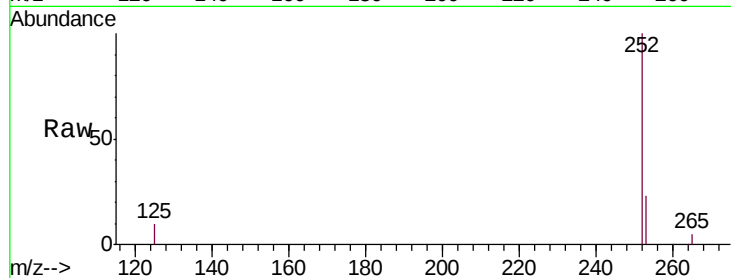
Tgt Ion:252 Resp: 76673

Ion Ratio Lower Upper

252 100

253 22.6 18.7 28.1

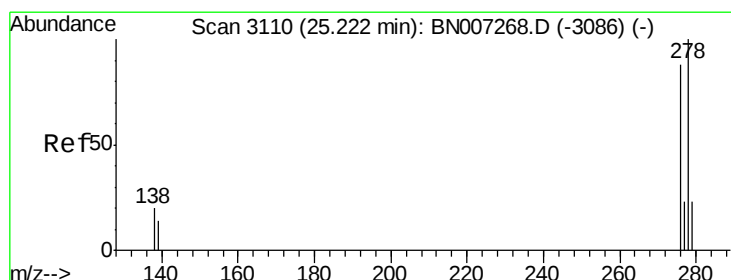
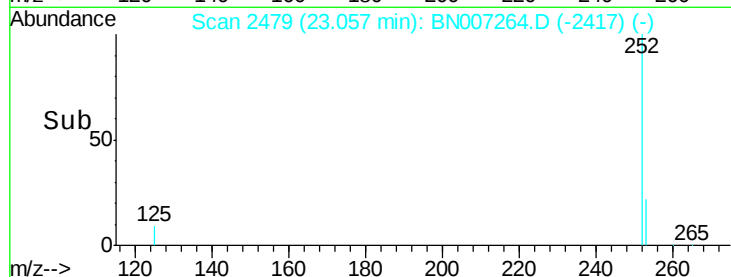
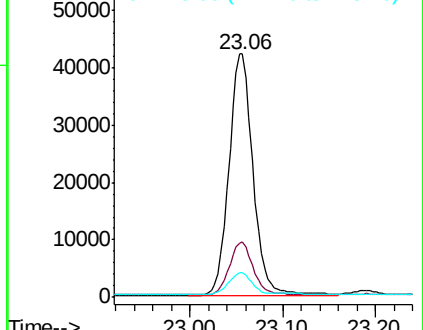
125 10.0 8.7 13.1



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: 0.872 ng

RT: 25.23 min Scan# 3115

Delta R.T. 0.01 min

Lab File: BN007264.D

Acq: 20 Aug 2019 14:49

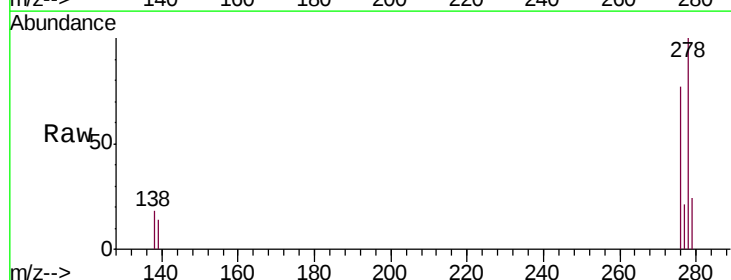
Tgt Ion:278 Resp: 80694

Ion Ratio Lower Upper

278 100

139 14.2 11.8 17.8

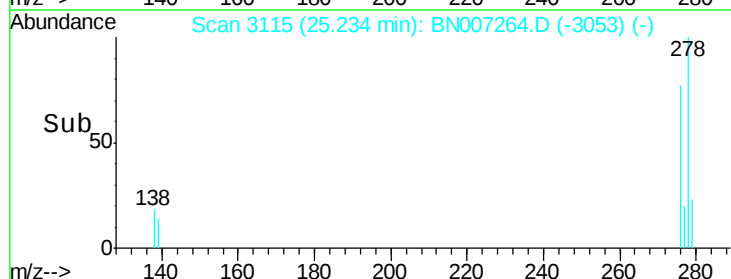
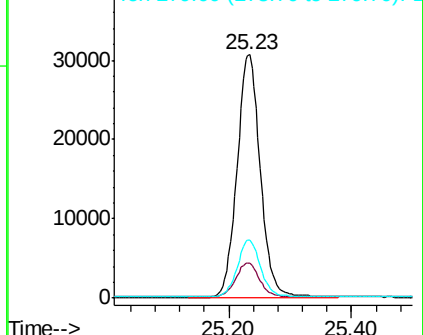
279 23.7 19.8 29.6

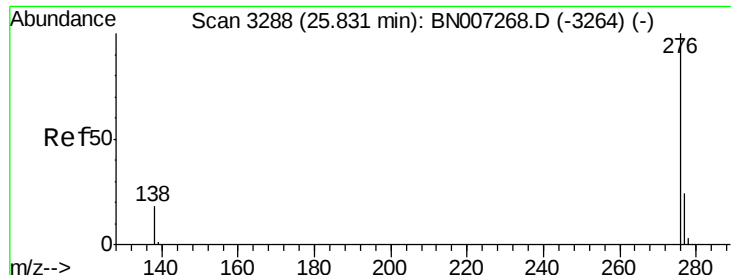


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.833 ng

RT: 25.84 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BN007264.D

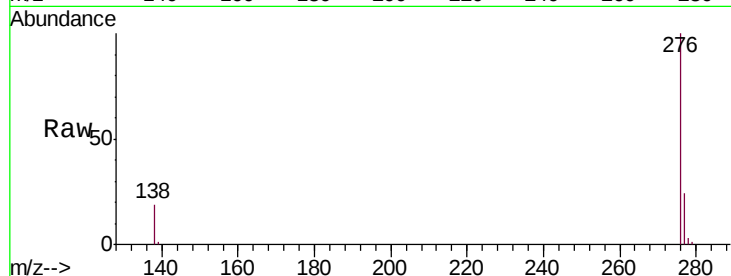
Acq: 20 Aug 2019 14:49

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8



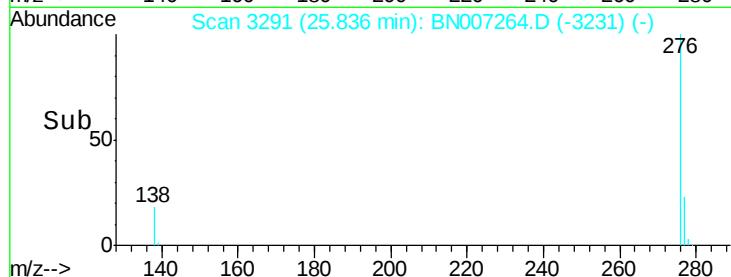
Tgt Ion: 276 Resp: 80835

Ion Ratio Lower Upper

276 100

277 23.7 19.5 29.3

138 18.7 15.3 22.9



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

