

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN093019\
 Data File : BN007924.D
 Acq On : 01 Oct 2019 08:46
 Operator : JU
 Sample : K5078-19MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 01 11:44:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	8364	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	30609	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	15809	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	28970	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	34010	0.40	ng	-0.01
34) Perylene-d12	23.48	264	38814	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	6263	0.22	ng	0.00
5) Phenol-d6	6.87	99	8004	0.22	ng	0.00
8) Nitrobenzene-d5	8.83	82	7007	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	12547	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1669	0.19	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	16002	0.25	ng	-0.01
25) Fluoranthene-d10	19.10	212	22558	0.23	ng	-0.01
29) Terphenyl-d14	19.70	244	19239	0.23	ng	-0.01

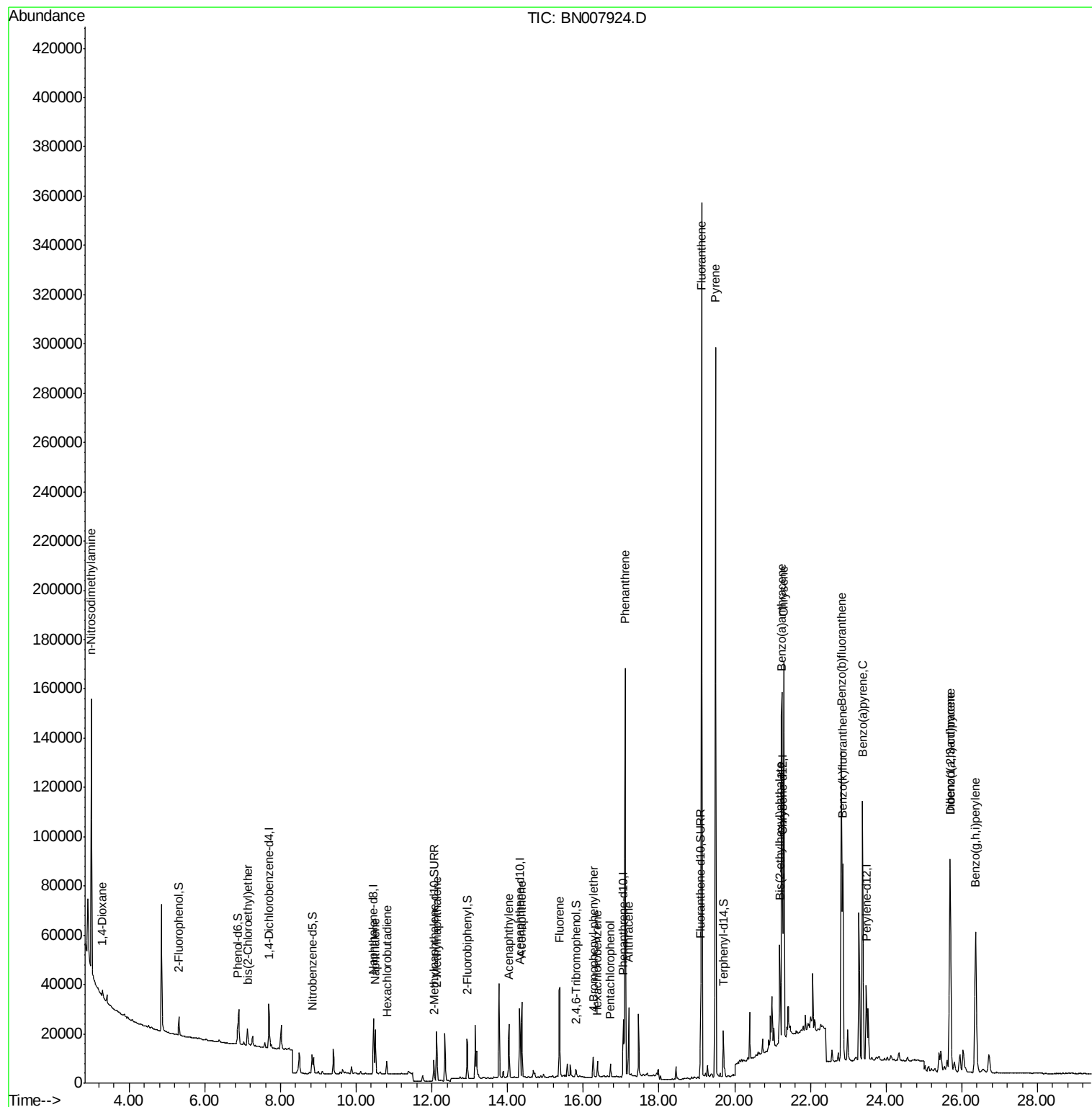
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	2085	0.224	ng	# 71
3) n-Nitrosodimethylamine	3.01	42	9221	2.160	ng	# 76
6) bis(2-Chloroethyl)ether	7.13	93	6673	0.282	ng	92
9) Naphthalene	10.51	128	22367	0.260	ng	99
10) Hexachlorobutadiene	10.81	225	4645	0.257	ng	# 99
12) 2-Methylnaphthalene	12.13	142	14478	0.249	ng	99
16) Acenaphthylene	14.03	152	26734	0.319	ng	100
17) Acenaphthene	14.38	154	16000	0.296	ng	98
18) Fluorene	15.37	166	20550	0.297	ng	98
20) 4-Bromophenyl-phenylether	16.26	248	4823	0.274	ng	99
21) Hexachlorobenzene	16.38	284	4907	0.255	ng	99
22) Pentachlorophenol	16.72	266	2397	0.338	ng	95
23) Phenanthrene	17.10	178	161476	1.789	ng	100
24) Anthracene	17.20	178	33780	0.414	ng	98
26) Fluoranthene	19.13	202	316101	2.817	ng	100
28) Pyrene	19.49	202	263109	2.268	ng	97
30) Benzo(a)anthracene	21.24	228	135372	1.081	ng	98
31) Chrysene	21.29	228	141007	1.155	ng	98
32) Bis(2-ethylhexyl)phthalate	21.19	149	26762	0.415	ng	99
33) Indeno(1,2,3-cd)pyrene	25.69	276	123899	0.811	ng	97
35) Benzo(b)fluoranthene	22.82	252	196471	1.458	ng	99
36) Benzo(k)fluoranthene	22.86	252	82295	0.618	ng	98
37) Benzo(a)pyrene	23.38	252	139895	1.105	ng	100
38) Dibenzo(a,h)anthracene	25.70	278	50062	0.386	ng	# 93
39) Benzo(g,h,i)perylene	26.37	276	118108	0.921	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: 7.69 min Scan# 604

Delta R.T. -0.01 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

Instrument :

BNA_N

ClientSampled :

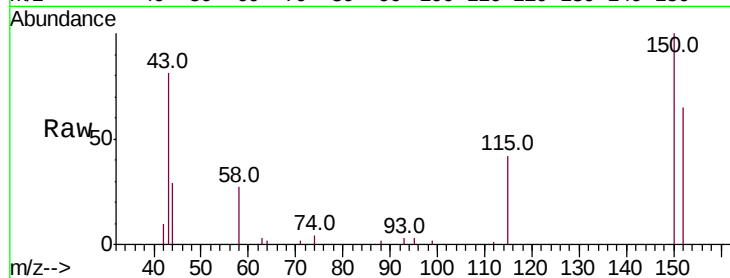
Tot Ion:152 Resp: 8364

Ion Ratio Lower Upper

152 100

150 153.9 125.6 188.4

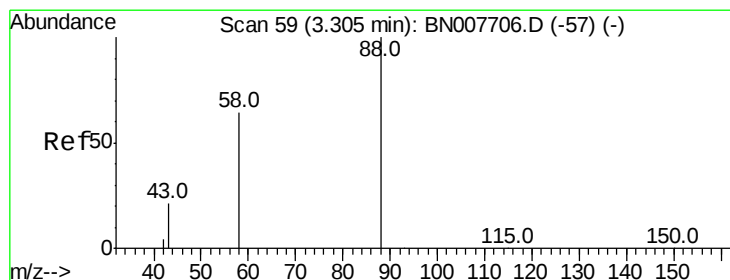
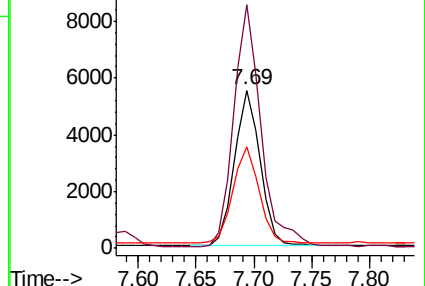
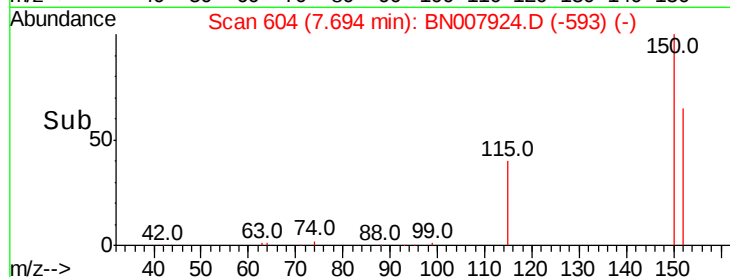
115 63.9 53.3 79.9



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: 0.224 ng

RT: 3.30 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

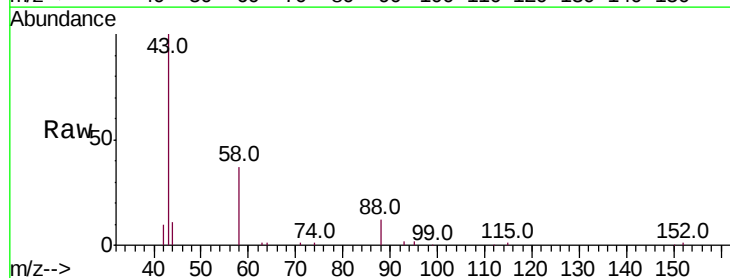
Tgt Ion: 88 Resp: 2085

Ion Ratio Lower Upper

88 100

58 74.5 44.6 66.8#

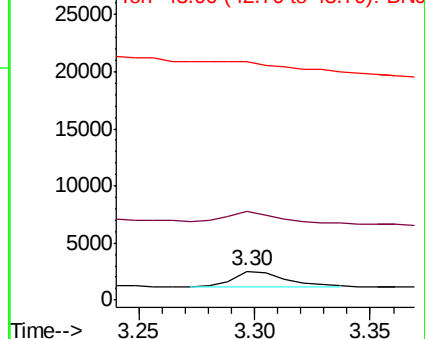
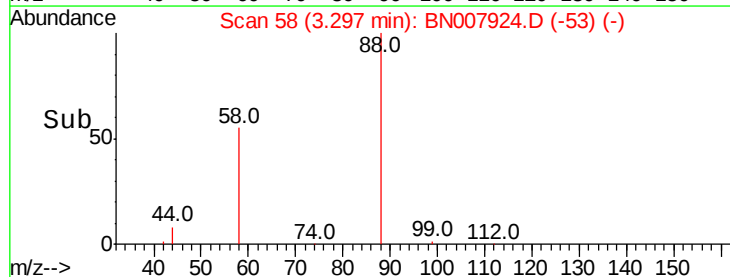
43 0.0 14.4 21.6#



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

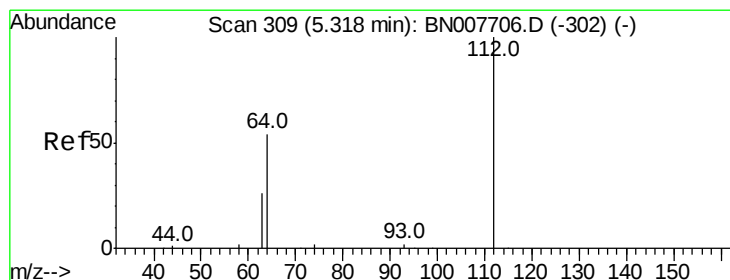
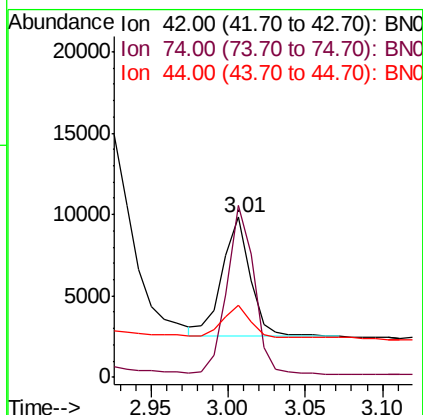
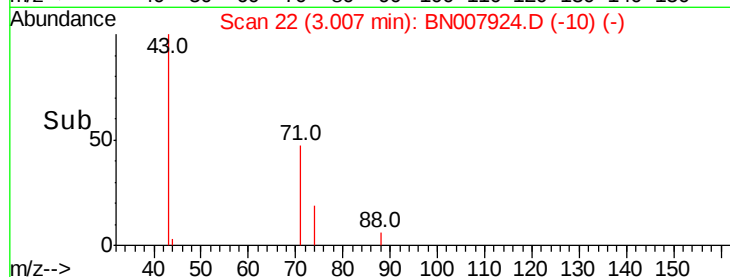
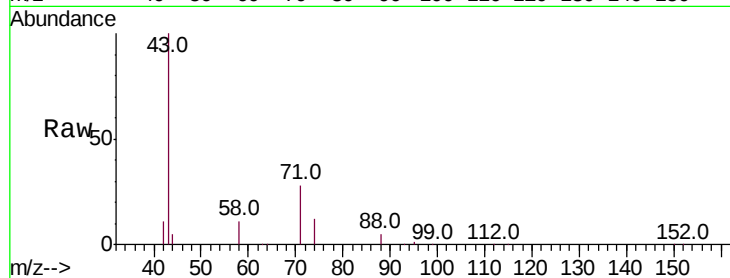




#3
n-Nitrosodimethylamine
Concen: 2.160 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007924.D
Acq: 01 Oct 2019 08:46

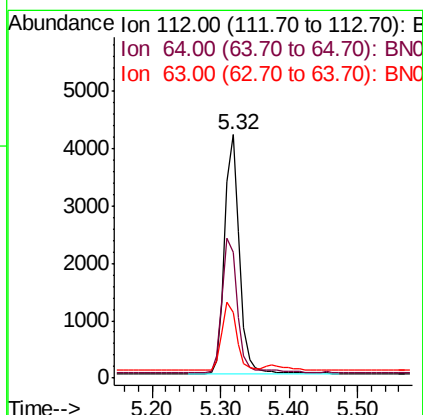
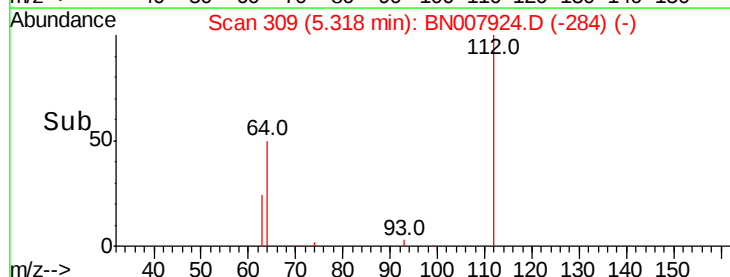
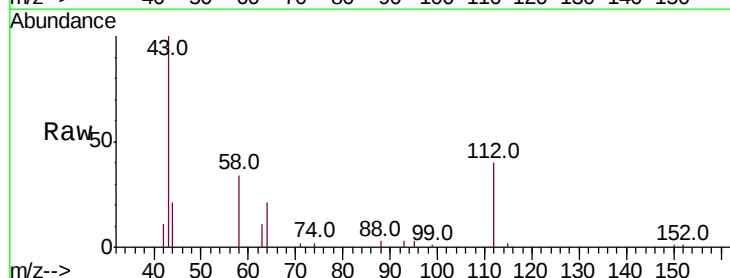
Instrument :
BNA_N
ClientSampleId :

Tot Ion: 42 Resp: 9221
Ion Ratio Lower Upper
42 100
74 137.3 87.9 131.9#
44 26.9 29.4 44.0#



#4
2-Fluorophenol
Concen: 0.218 ng
RT: 5.32 min Scan# 309
Delta R.T. -0.00 min
Lab File: BN007924.D
Acq: 01 Oct 2019 08:46

Tgt Ion: 112 Resp: 6263
Ion Ratio Lower Upper
112 100
64 58.8 46.6 70.0
63 28.5 23.1 34.7





#5

Phenol-d6

Concen: 0.220 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

Instrument :

BNA_N

ClientSampled :

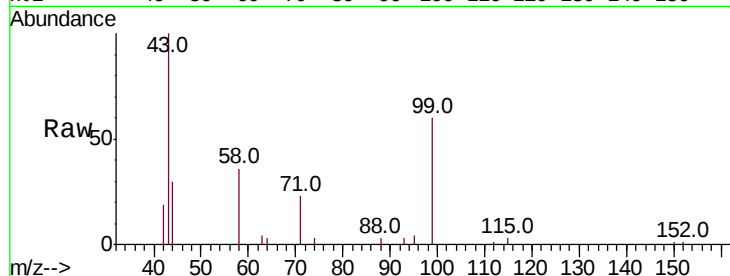
Tot Ion: 99 Resp: 8004

Ion Ratio Lower Upper

99 100

42 22.5 12.8 19.2#

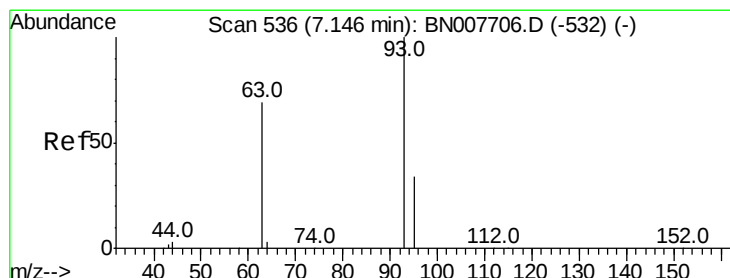
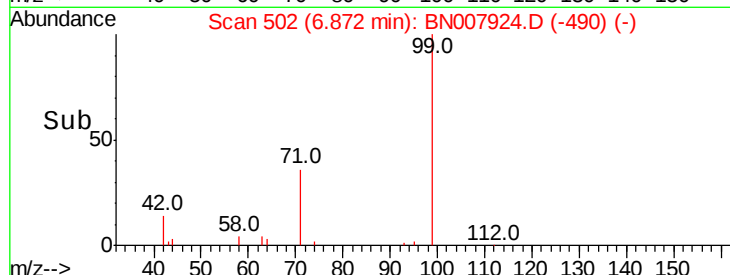
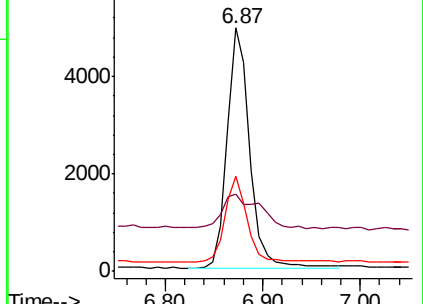
71 35.1 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007706.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BN007706.D (-493) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.282 ng

RT: 7.13 min Scan# 534

Delta R.T. -0.02 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

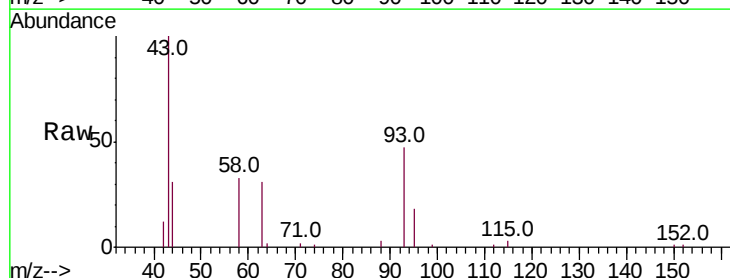
Tgt Ion: 93 Resp: 6673

Ion Ratio Lower Upper

93 100

63 69.0 59.3 88.9

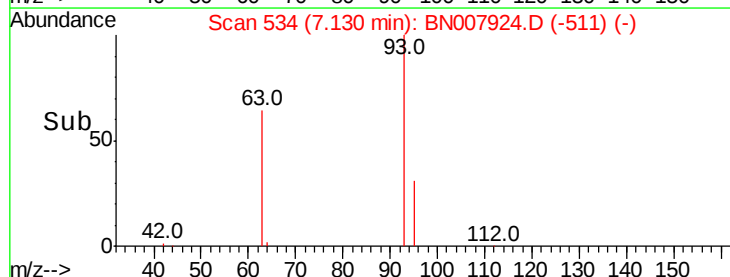
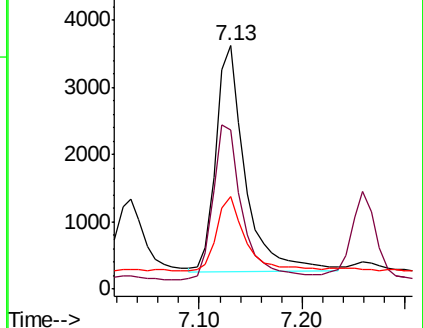
95 32.3 31.4 47.0

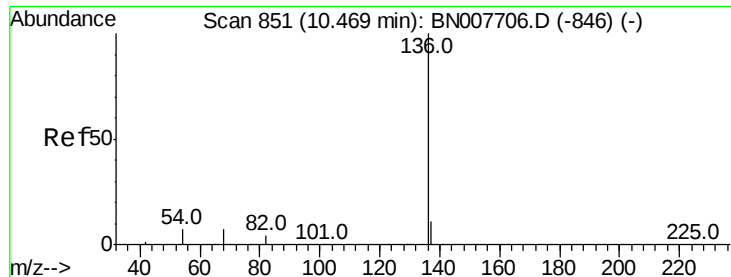


Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-532) (-)

Ion 95.00 (94.70 to 95.70): BN007706.D (-532) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 30609

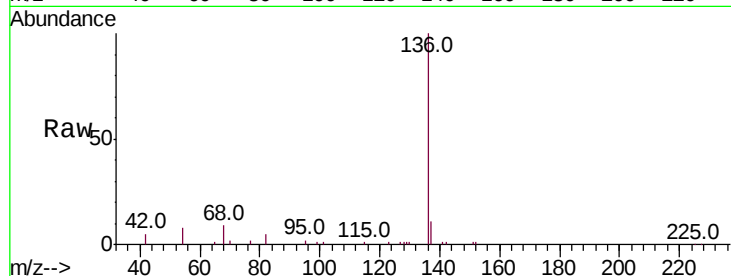
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 8.0 5.8 8.8

68 8.8 6.5 9.7

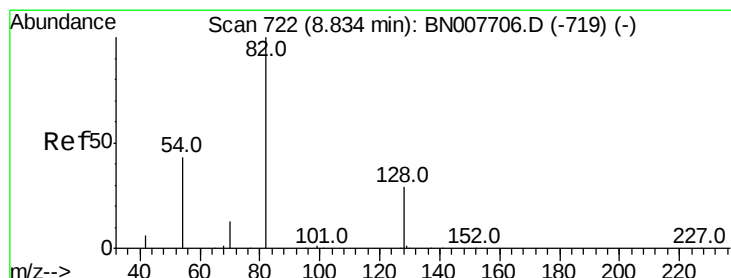
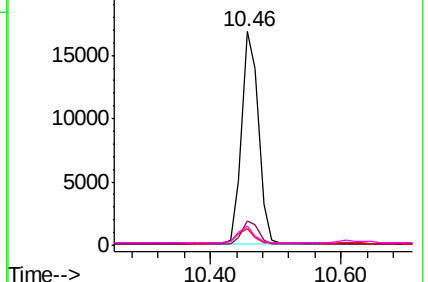
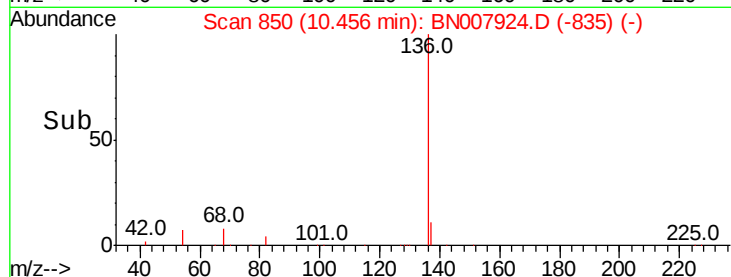


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.262 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

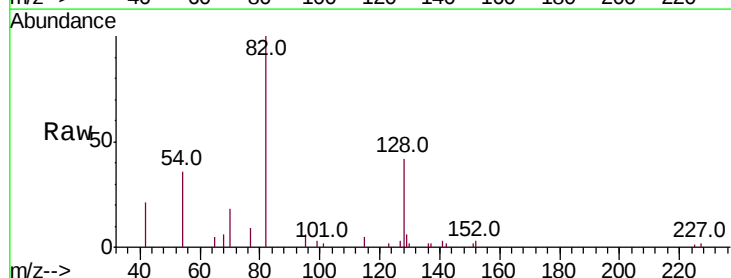
Tgt Ion: 82 Resp: 7007

Ion Ratio Lower Upper

82 100

128 41.8 24.5 36.7#

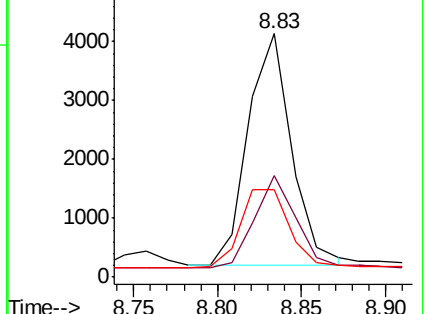
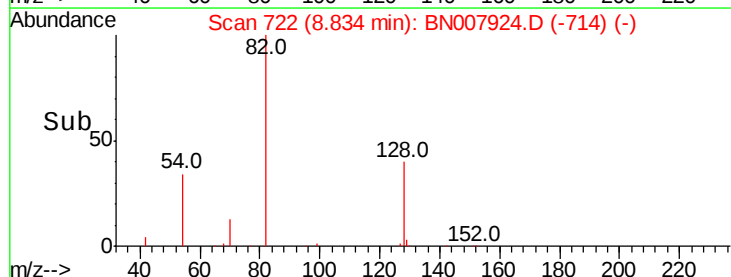
54 36.2 35.2 52.8

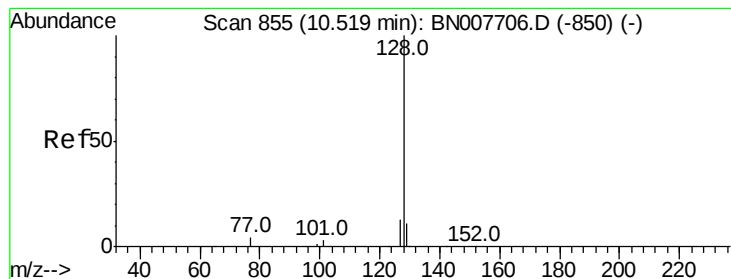


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.260 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

Instrument :

BNA_N

ClientSampleId :

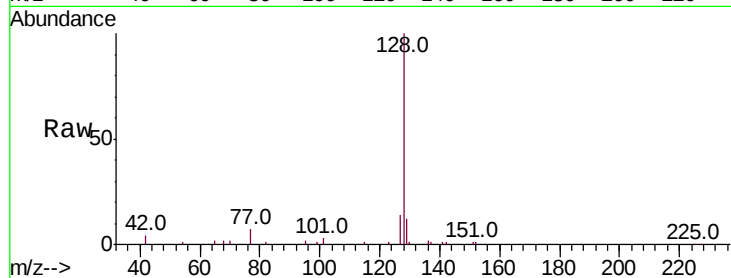
Tot Ion:128 Resp: 22367

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

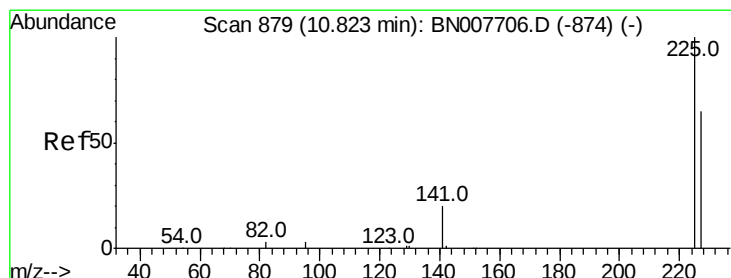
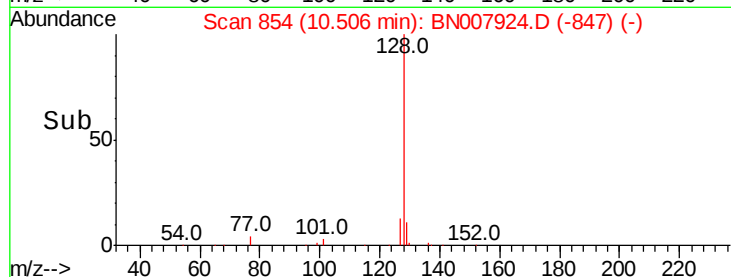
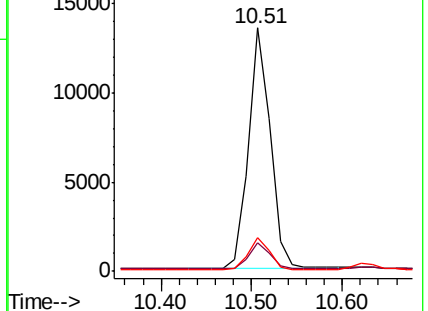
127 13.7 10.6 15.8



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: 0.257 ng

RT: 10.81 min Scan# 878

Delta R.T. -0.01 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

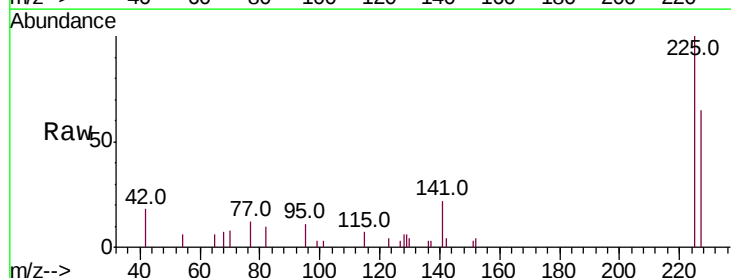
Tgt Ion:225 Resp: 4645

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

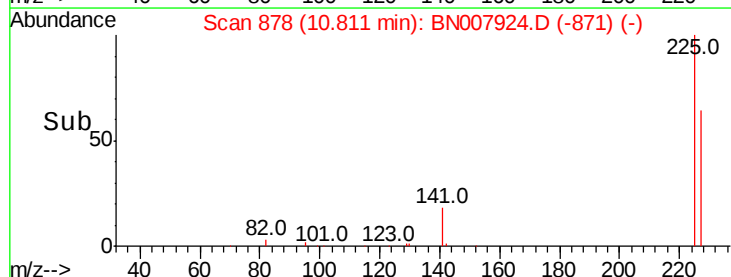
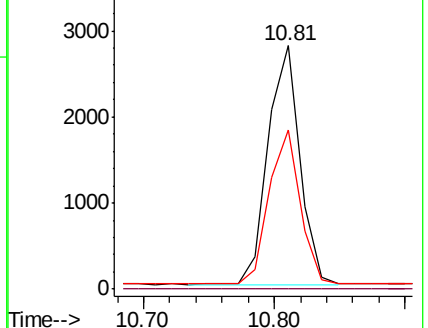
227 63.5 51.2 76.8

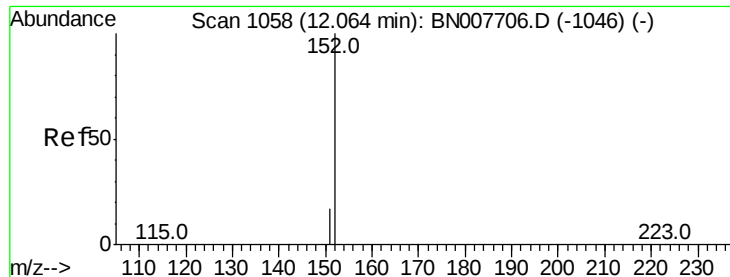


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

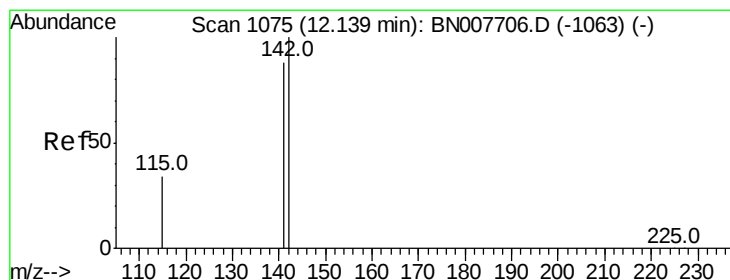
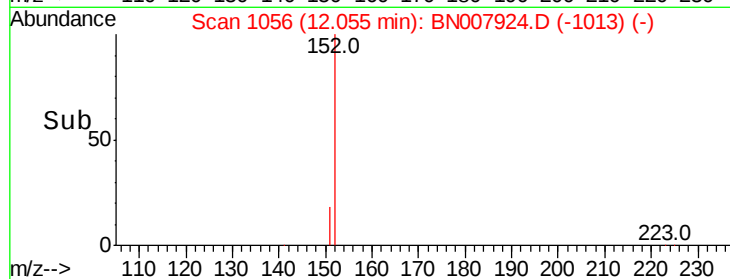
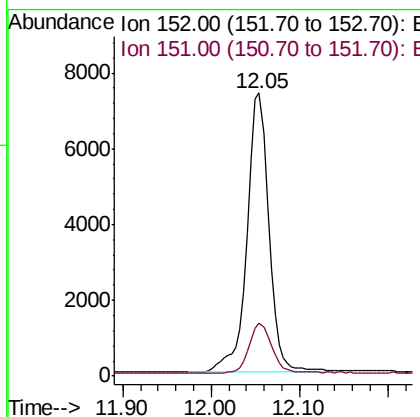
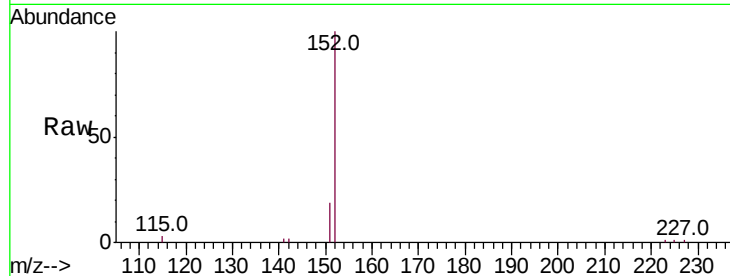




#11
 2-Methylnaphthalene-d10
 Concen: 0.243 ng
 RT: 12.05 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BN007924.D
 Acq: 01 Oct 2019 08:46

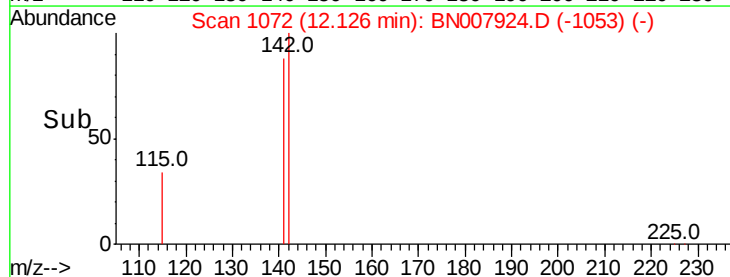
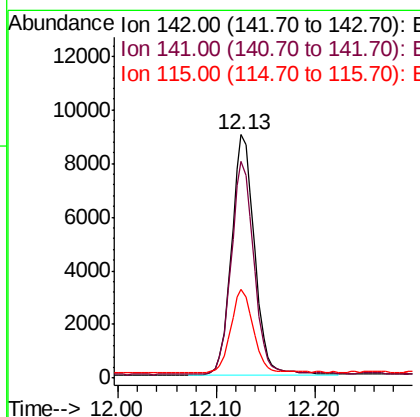
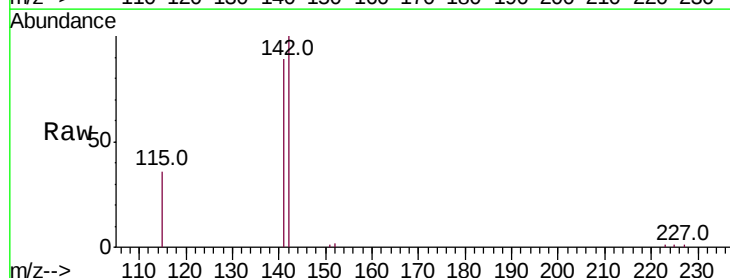
Instrument :
 BNA_N
 ClientSampled :

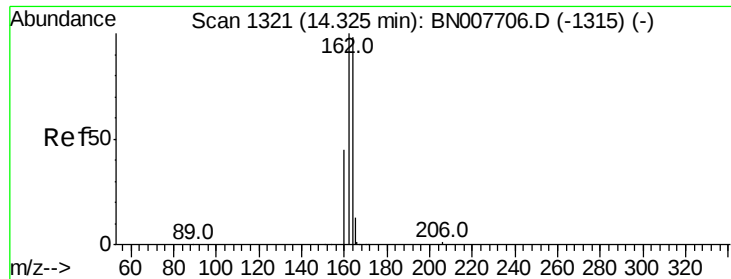
Tot Ion:152 Resp: 12547
 Ion Ratio Lower Upper
 152 100
 151 18.3 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.249 ng
 RT: 12.13 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BN007924.D
 Acq: 01 Oct 2019 08:46

Tgt Ion:142 Resp: 14478
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.6 106.0
 115 36.2 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

Instrument :

BNA_N

ClientSampled :

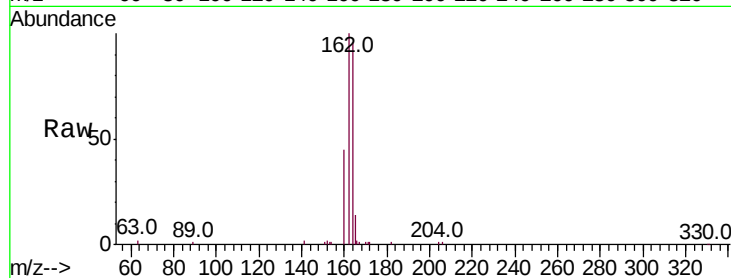
Tot Ion:164 Resp: 15809

Ion Ratio Lower Upper

164 100

162 104.0 81.7 122.5

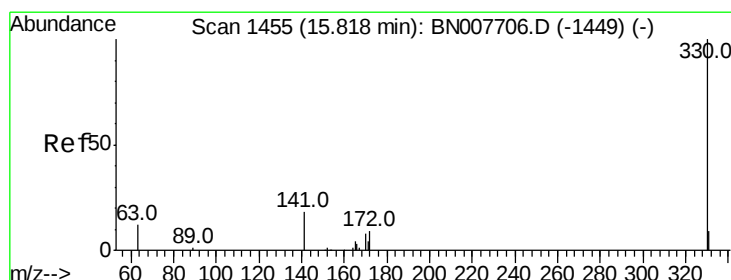
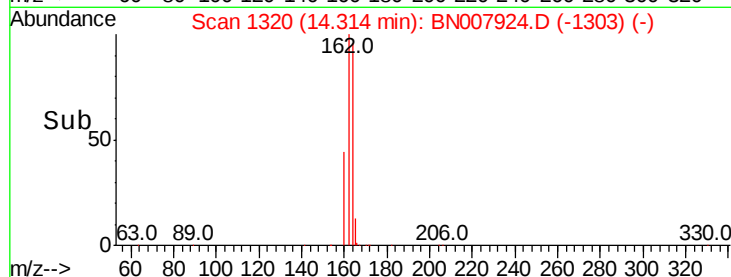
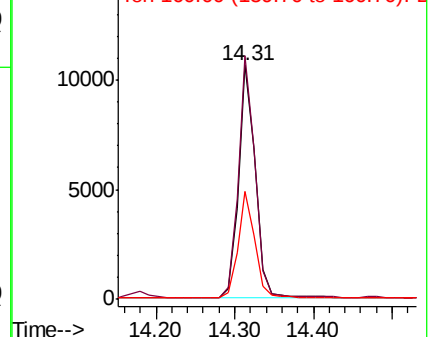
160 46.4 37.0 55.4



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: 0.194 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

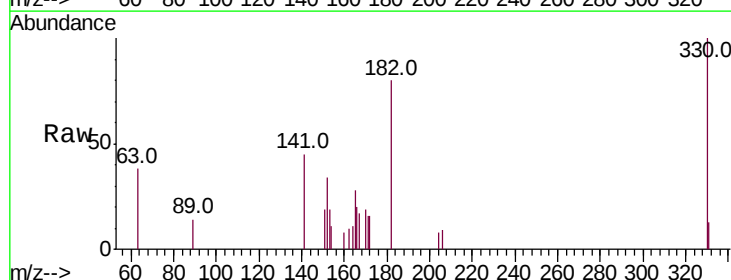
Tgt Ion:330 Resp: 1669

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

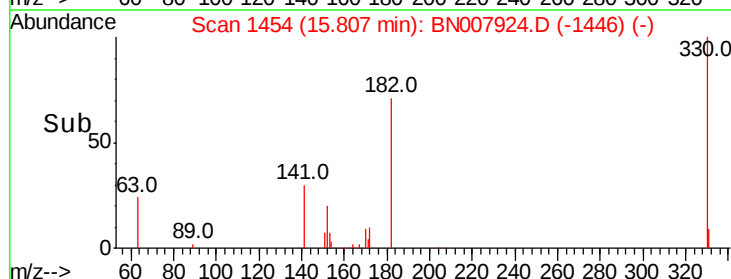
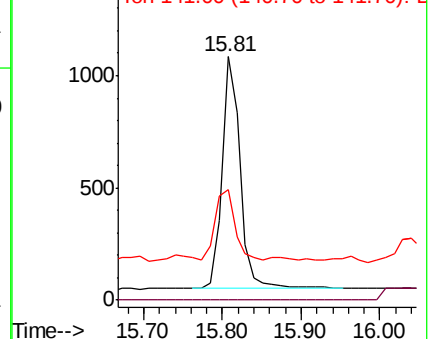
141 32.7 28.7 43.1



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

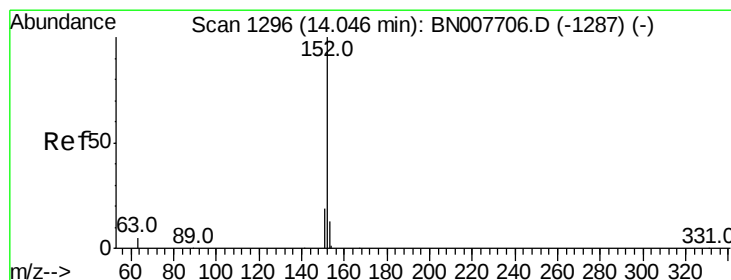
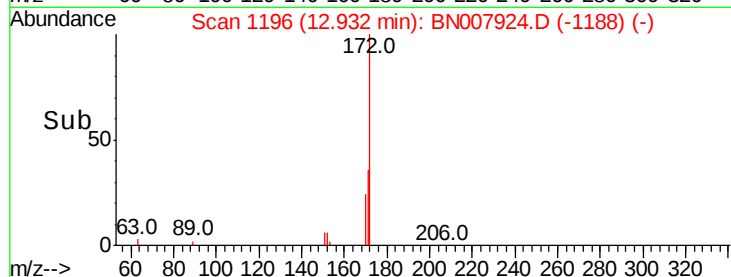
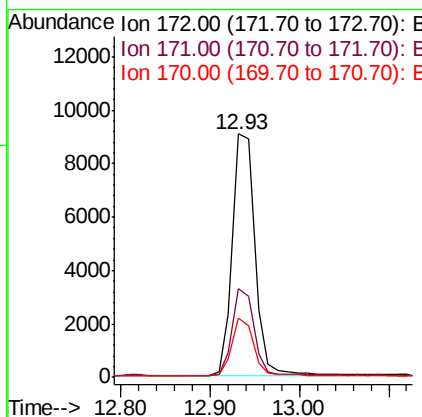
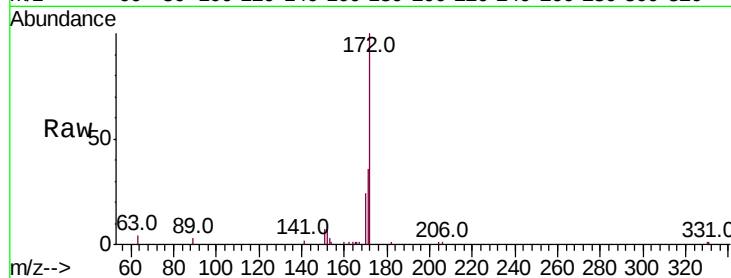




#15
2-Fluorobiphenyl
Concen: 0.246 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007924.D
Acq: 01 Oct 2019 08:46

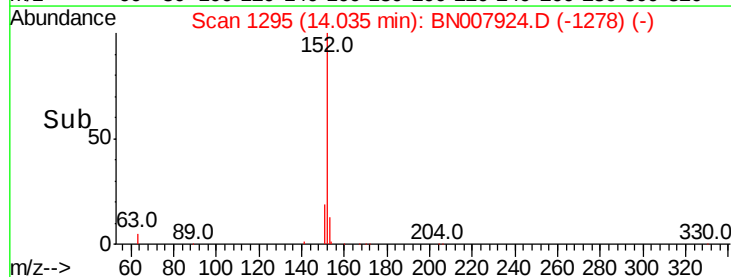
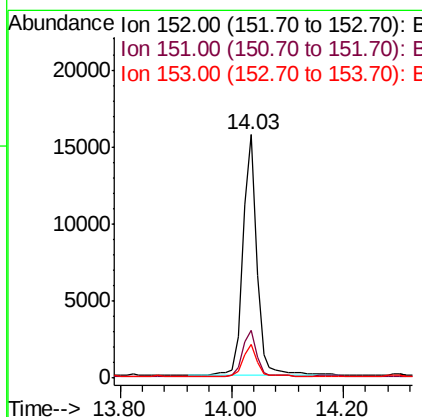
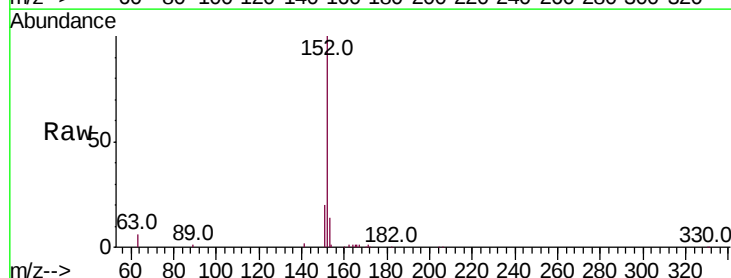
Instrument :
BNA_N
ClientSampleId :

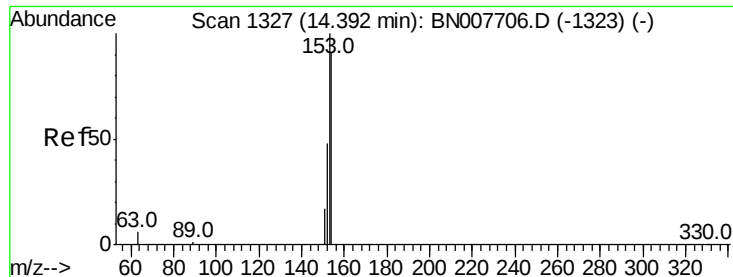
Tot Ion:172 Resp: 16002
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.1 19.5 29.3



#16
Acenaphthylene
Concen: 0.319 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007924.D
Acq: 01 Oct 2019 08:46

Tgt Ion:152 Resp: 26734
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 12.9 10.4 15.6





#17

Acenaphthene

Concen: 0.296 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

Instrument :

BNA_N

ClientSampleId :

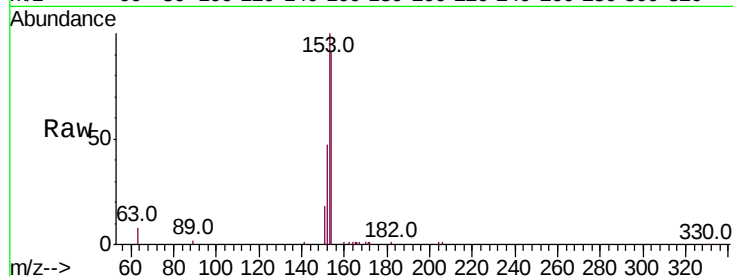
Tot Ion:154 Resp: 16000

Ion Ratio Lower Upper

154 100

153 111.4 87.0 130.4

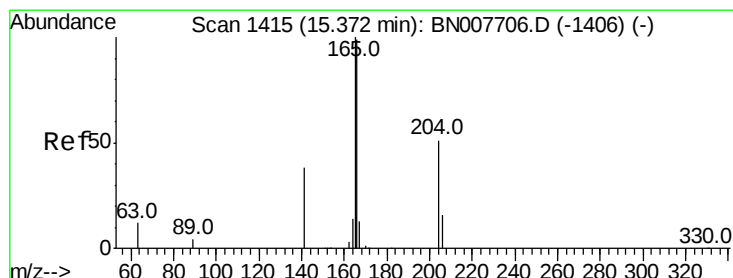
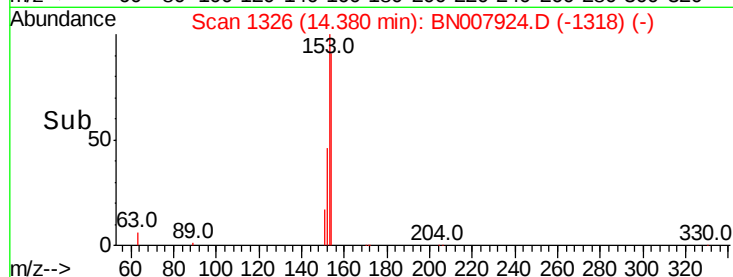
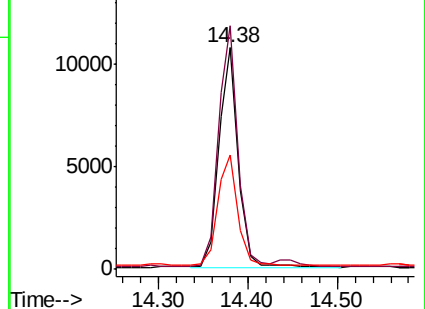
152 53.7 42.7 64.1



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: 0.297 ng

RT: 15.37 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

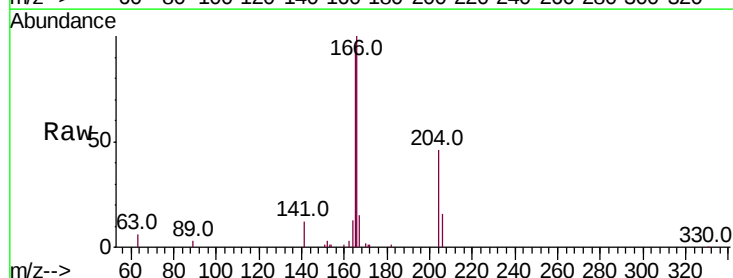
Tgt Ion:166 Resp: 20550

Ion Ratio Lower Upper

166 100

165 100.2 78.0 117.0

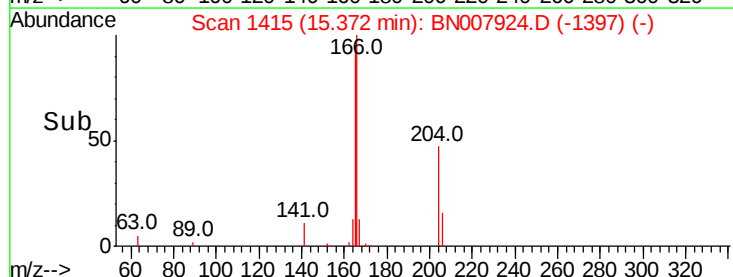
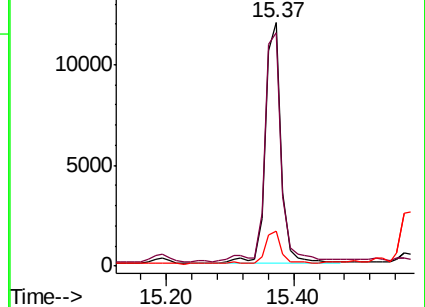
167 13.4 10.9 16.3

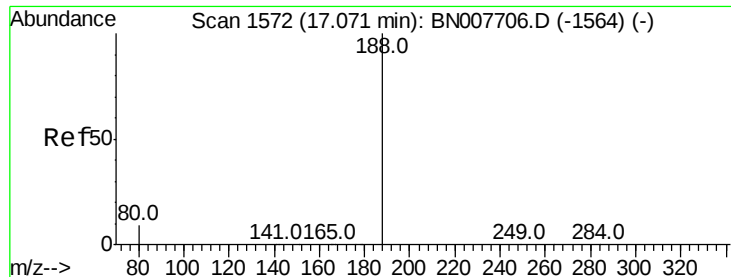


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

Instrument :

BNA_N

ClientSampled :

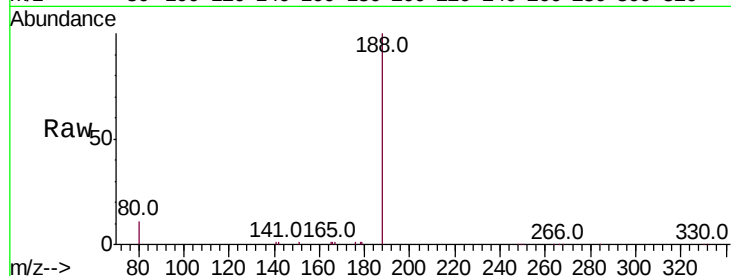
Tot Ion:188 Resp: 28970

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

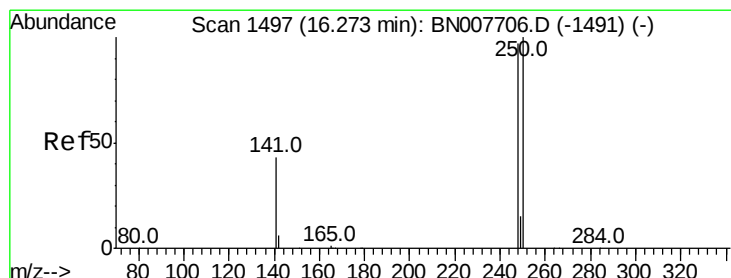
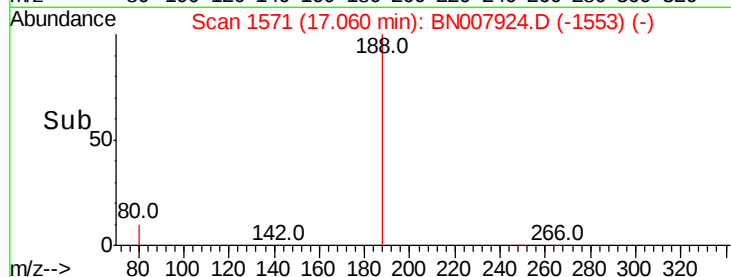
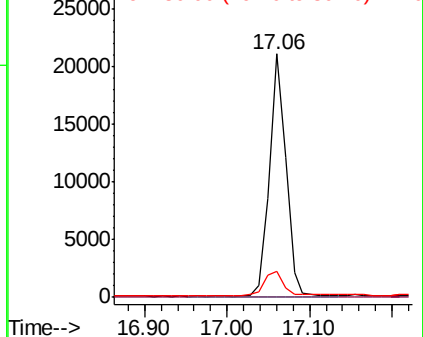
80 10.8 7.4 11.2



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: 0.274 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

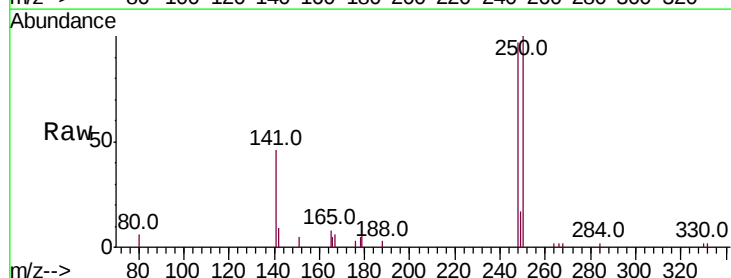
Tgt Ion:248 Resp: 4823

Ion Ratio Lower Upper

248 100

250 102.9 82.2 123.4

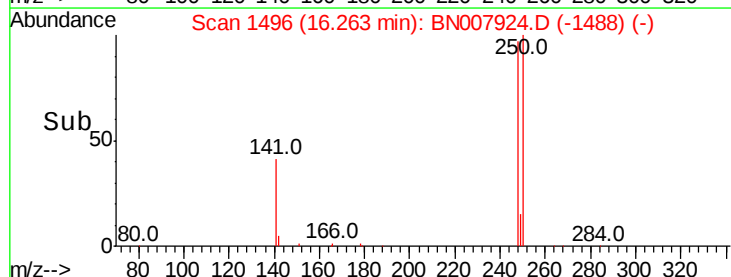
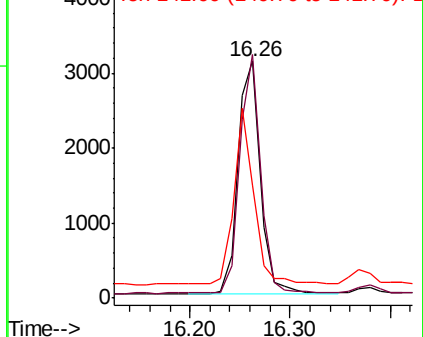
141 47.7 36.3 54.5

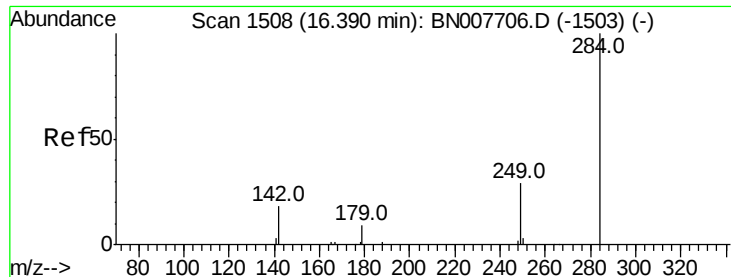


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

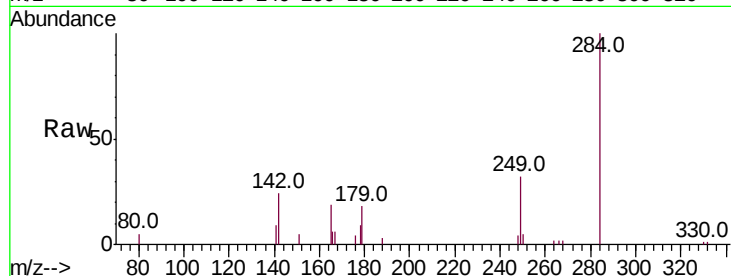




#21
Hexachlorobenzene
Concen: 0.255 ng
RT: 16.38 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BN007924.D
Acq: 01 Oct 2019 08:46

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.4	25.8	38.6
249	31.8	25.9	38.9

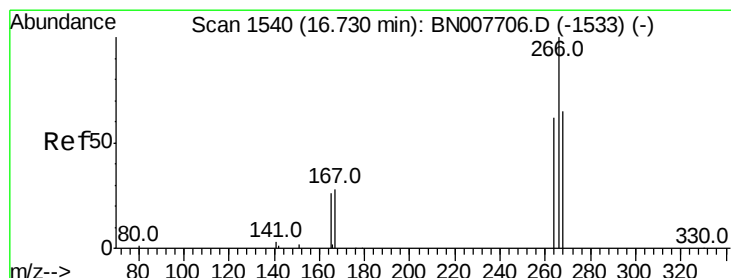
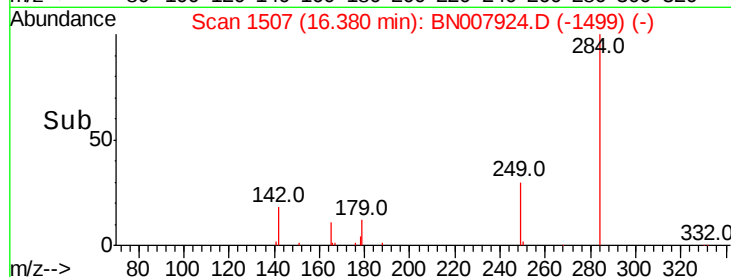
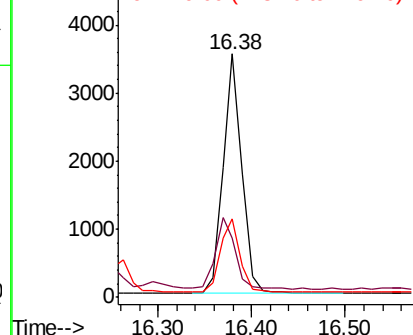


Abundance

Ion 283.80 (283.50 to 284.50): E

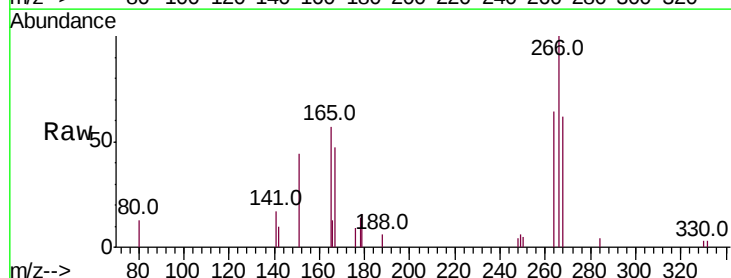
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.338 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007924.D
Acq: 01 Oct 2019 08:46

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.2	50.0	75.0
268	62.3	54.2	81.4

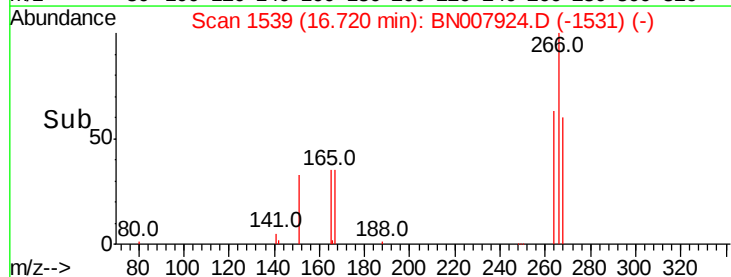
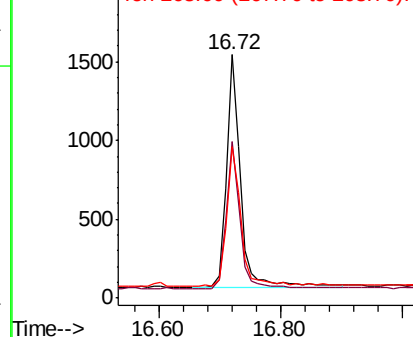


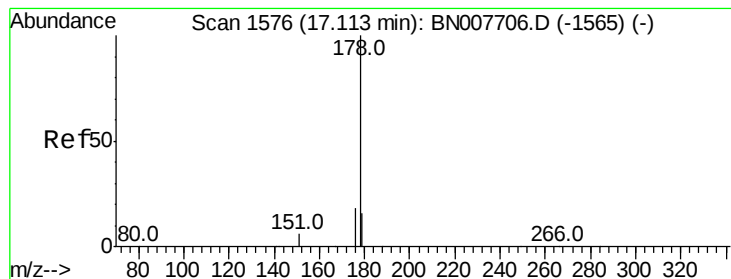
Abundance

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: 1.789 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

Instrument :

BNA_N

ClientSampleId :

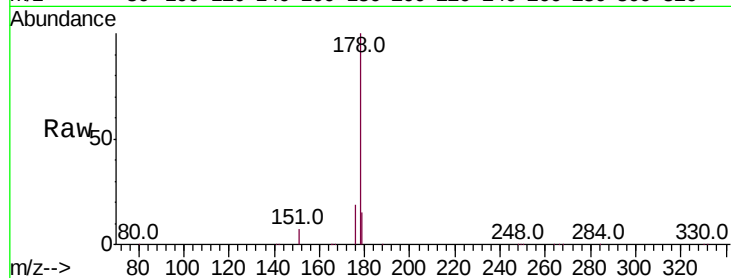
Tot Ion:178 Resp: 161476

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

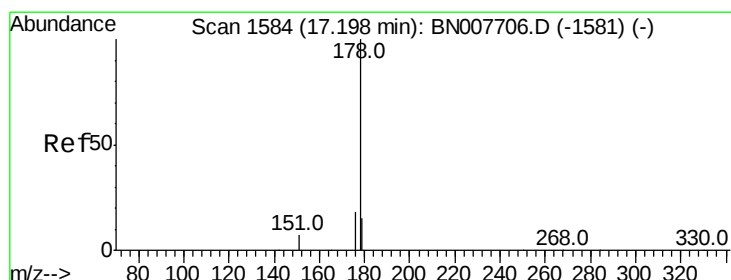
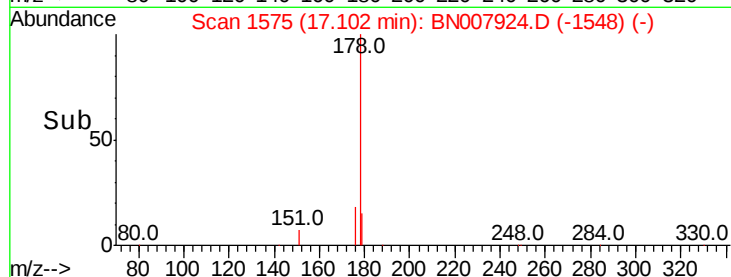
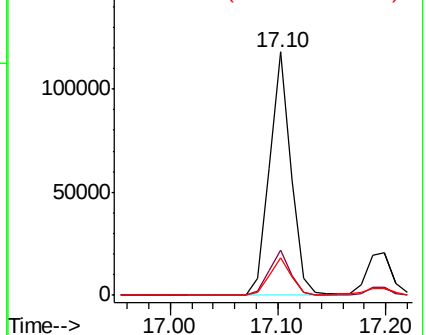
179 15.4 12.5 18.7



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: 0.414 ng

RT: 17.20 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

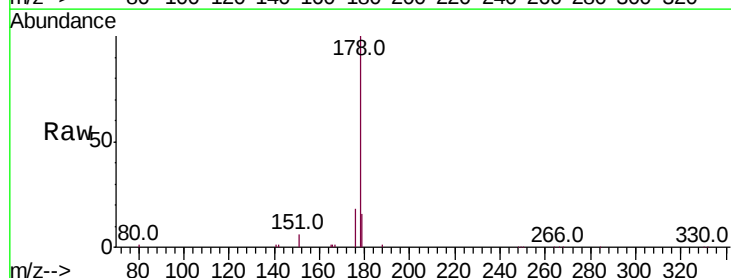
Tgt Ion:178 Resp: 33780

Ion Ratio Lower Upper

178 100

176 17.9 14.6 21.8

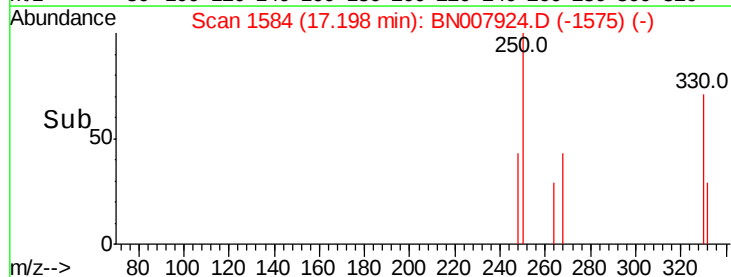
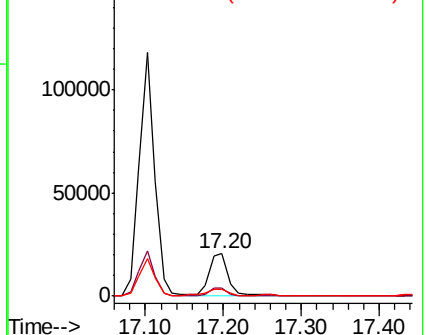
179 16.3 12.2 18.4

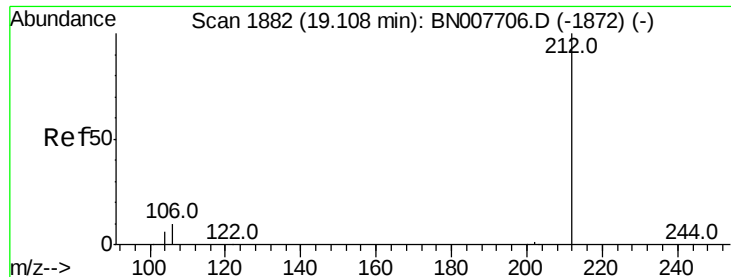


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

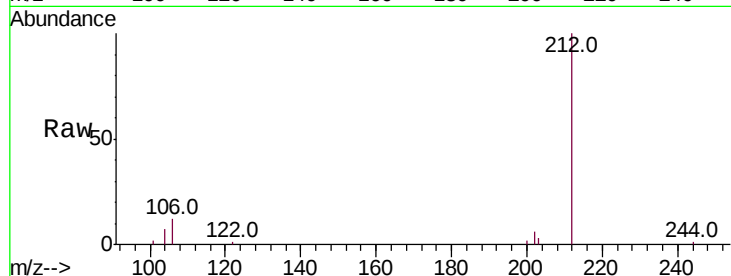




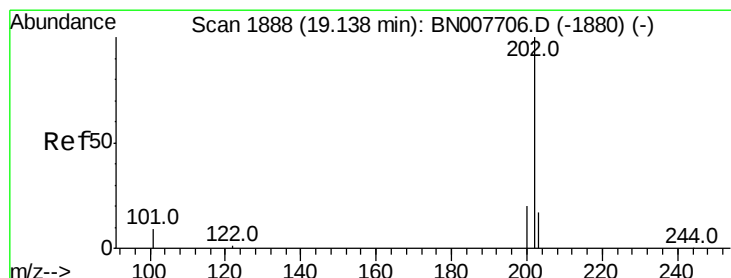
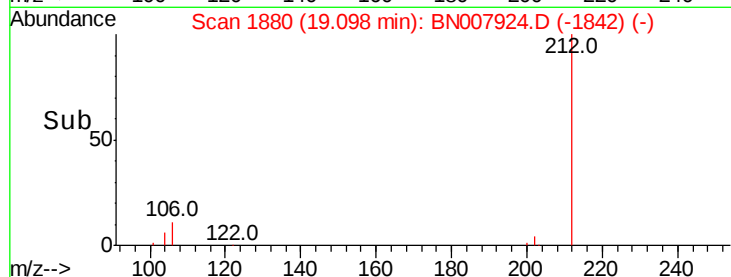
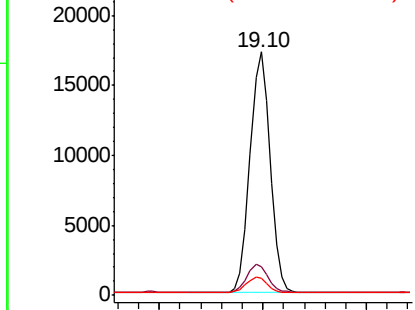
#25
 Fluoranthene-d10
 Concen: 0.231 ng
 RT: 19.10 min Scan# 1880
 Delta R.T. -0.01 min
 Lab File: BN007924.D
 Acq: 01 Oct 2019 08:46

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:212 Resp: 22558
 Ion Ratio Lower Upper
 212 100
 106 11.6 9.4 14.0
 104 6.6 5.3 7.9

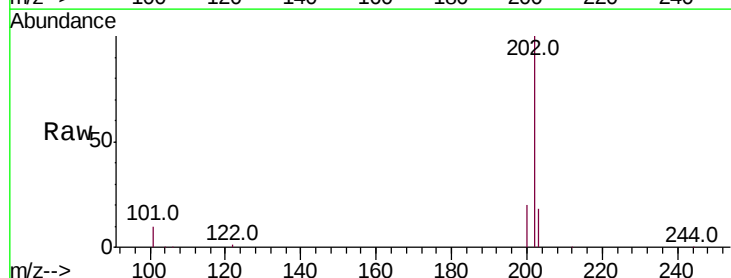


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

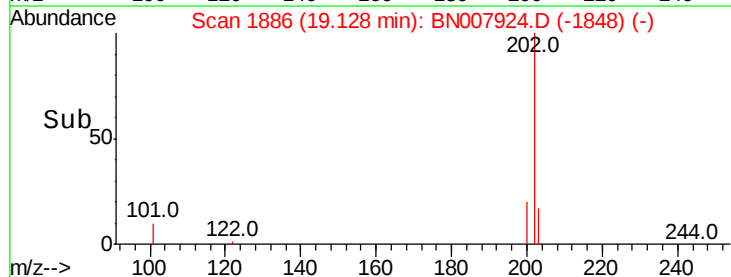
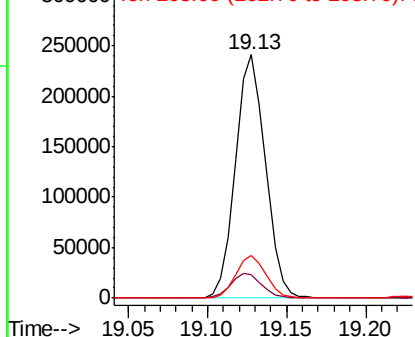


#26
 Fluoranthene
 Concen: 2.817 ng
 RT: 19.13 min Scan# 1886
 Delta R.T. -0.01 min
 Lab File: BN007924.D
 Acq: 01 Oct 2019 08:46

Tgt Ion:202 Resp: 316101
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.4 12.6
 203 17.4 13.8 20.8



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: 21.26 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

Instrument :

BNA_N

ClientSampleId :

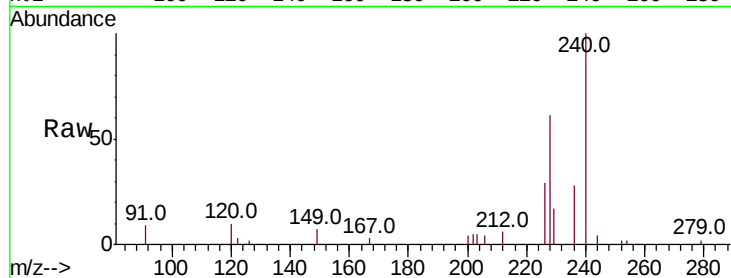
Tot Ion:240 Resp: 34010

Ion Ratio Lower Upper

240 100

120 9.6 5.4 8.2#

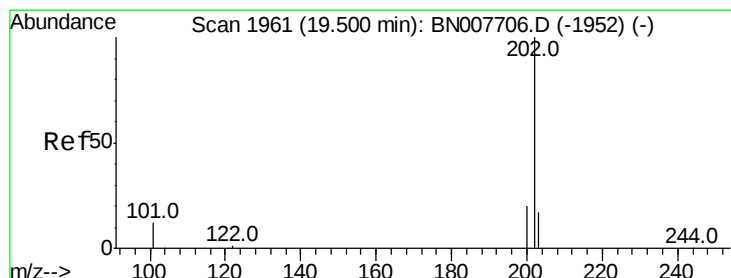
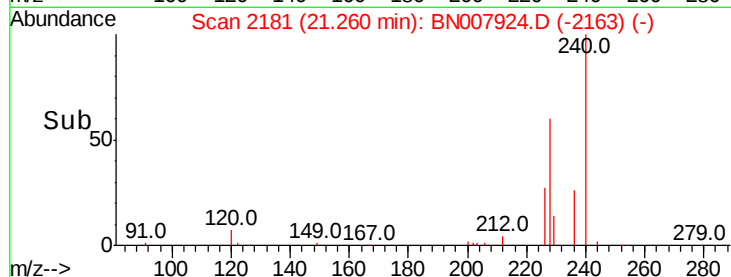
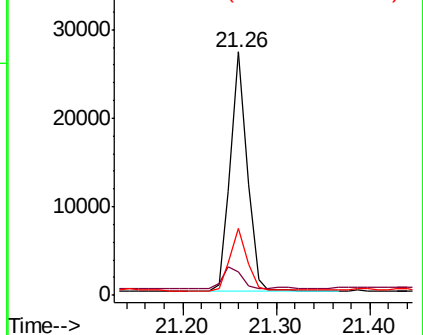
236 27.6 21.0 31.4



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: 2.268 ng

RT: 19.49 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

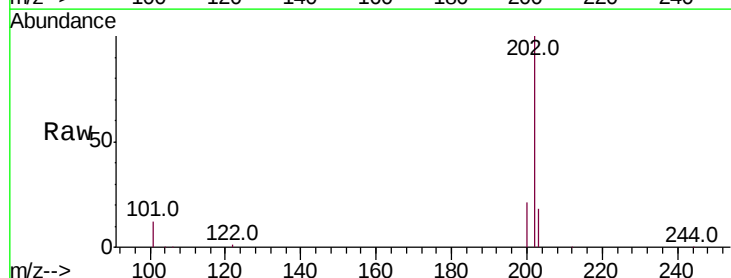
Tgt Ion:202 Resp: 263109

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

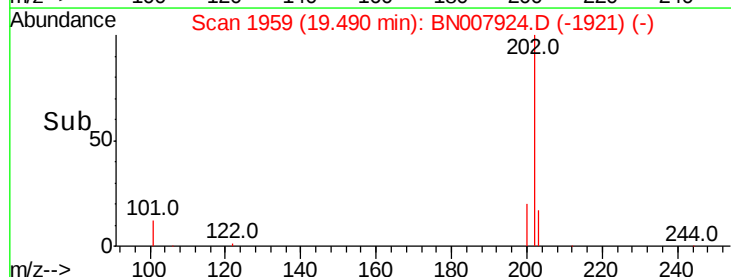
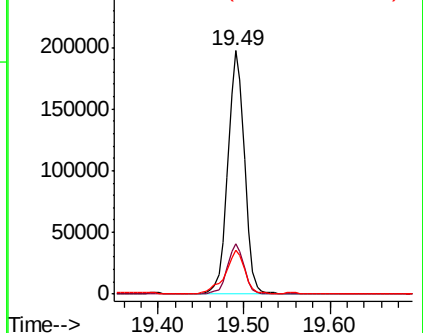
203 20.7 14.1 21.1

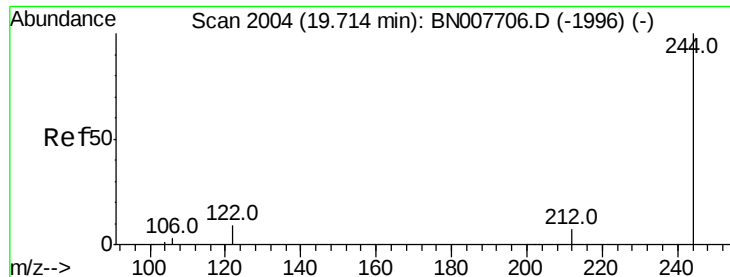


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.230 ng

RT: 19.70 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

Instrument :

BNA_N

ClientSampleId :

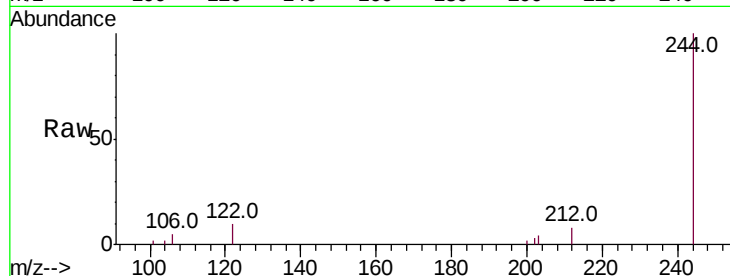
Tot Ion:244 Resp: 19239

Ion Ratio Lower Upper

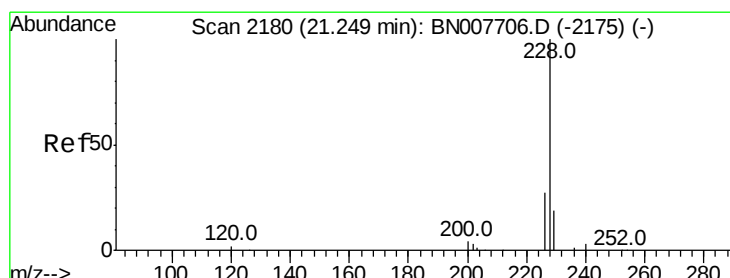
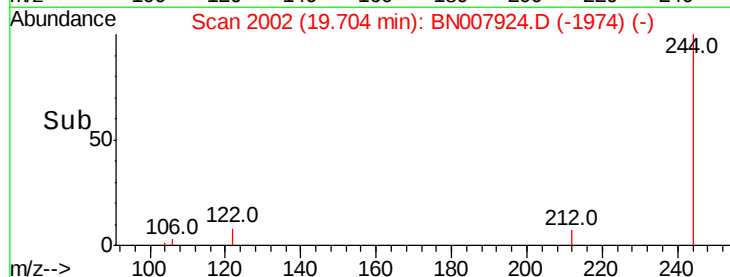
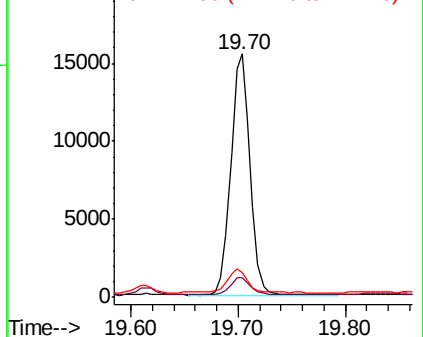
244 100

212 8.0 5.9 8.9

122 10.3 7.4 11.2



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: 1.081 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

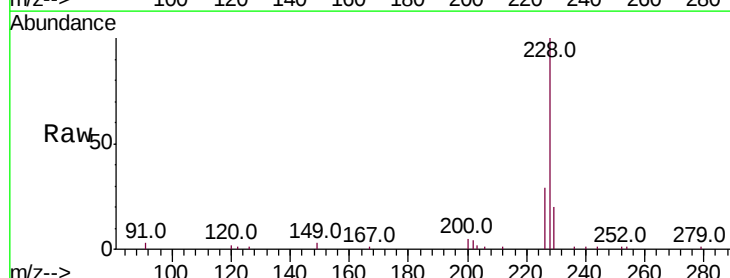
Tgt Ion:228 Resp: 135372

Ion Ratio Lower Upper

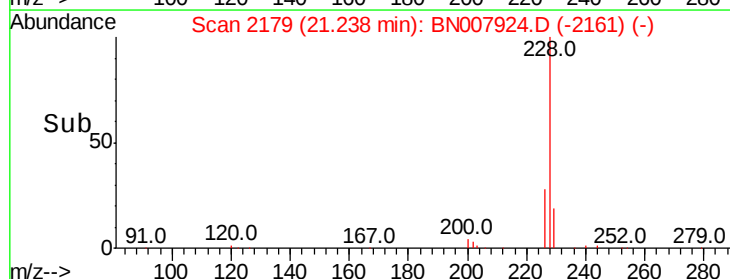
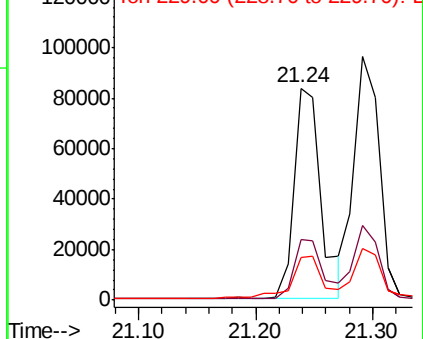
228 100

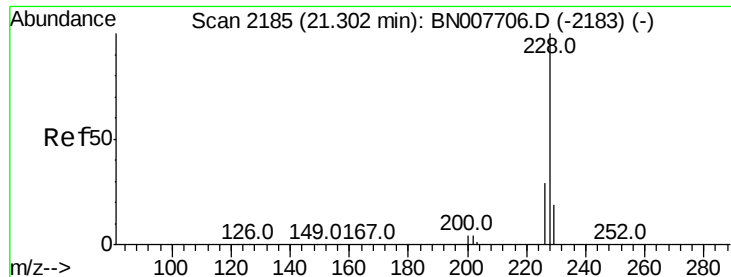
226 28.7 22.1 33.1

229 20.3 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





#31

Chrysene

Concen: 1.155 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

Instrument :

BNA_N

ClientSampleId :

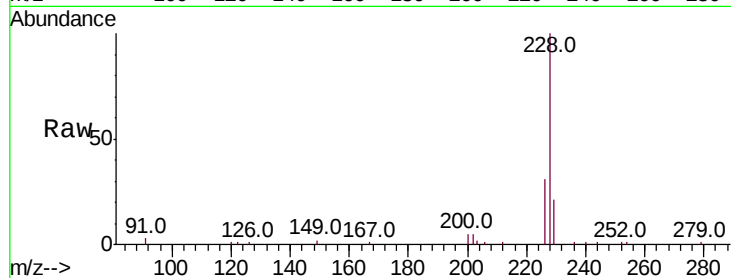
Tot Ion:228 Resp: 141007

Ion Ratio Lower Upper

228 100

226 30.7 23.9 35.9

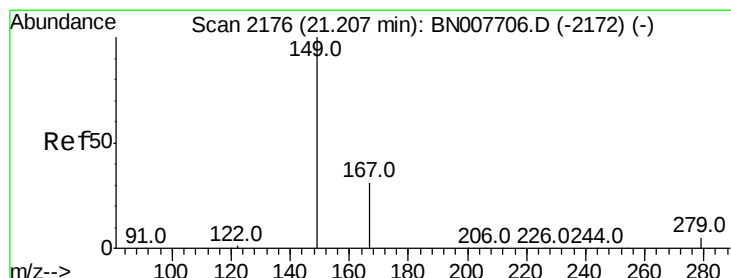
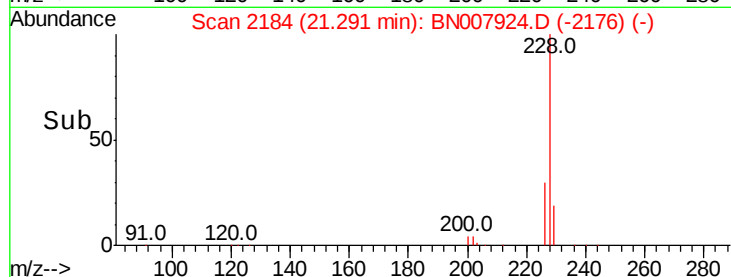
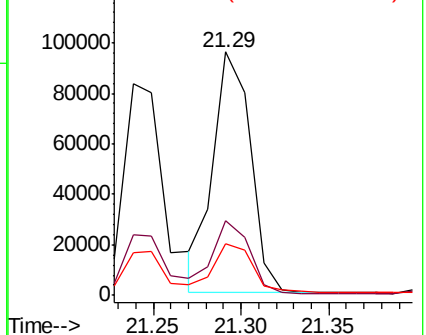
229 21.1 15.8 23.6



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: 0.415 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

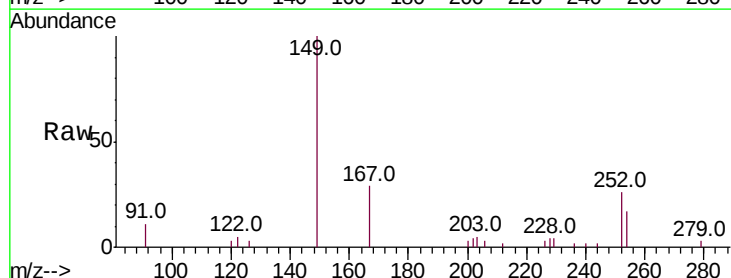
Tgt Ion:149 Resp: 26762

Ion Ratio Lower Upper

149 100

167 29.3 23.7 35.5

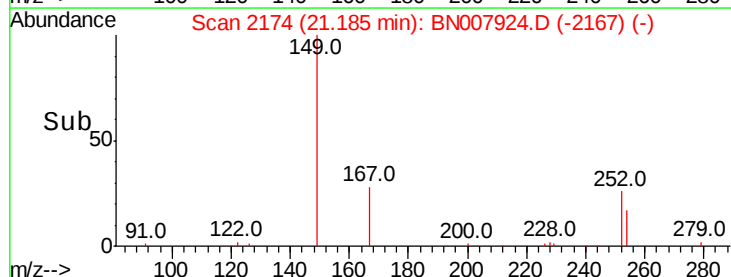
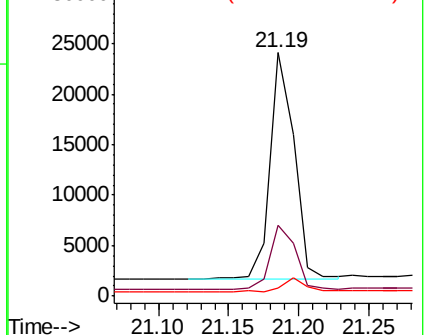
279 6.1 4.2 6.2

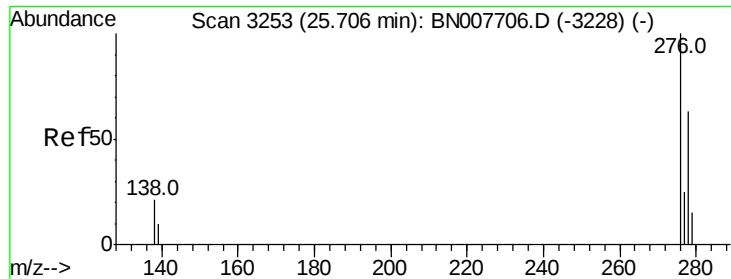


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

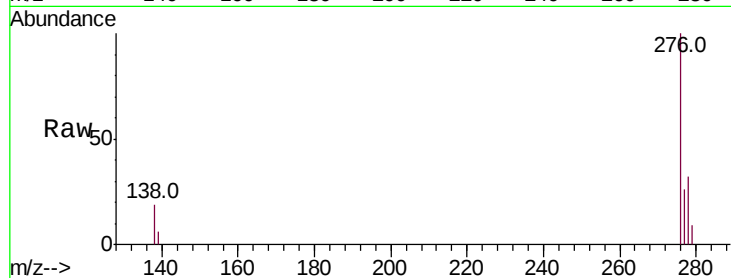




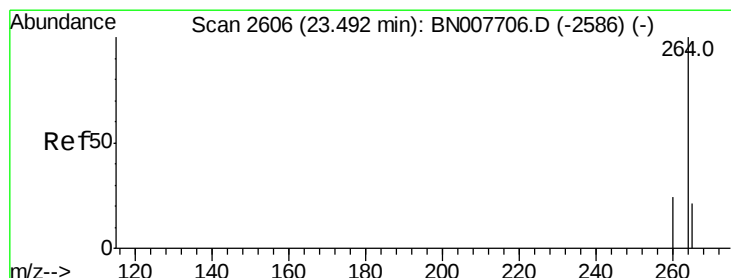
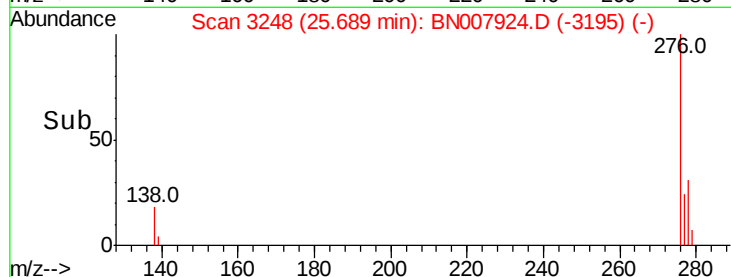
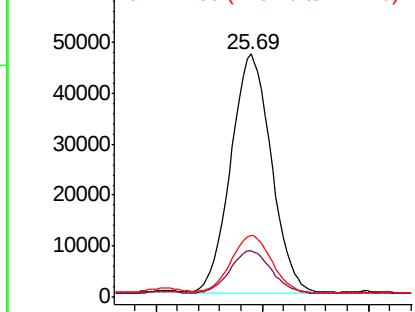
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.811 ng
 RT: 25.69 min Scan# 3248
 Delta R.T. -0.02 min
 Lab File: BN007924.D
 Acq: 01 Oct 2019 08:46

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 123899
 Ion Ratio Lower Upper
 276 100
 138 18.6 17.1 25.7
 277 24.6 20.0 30.0

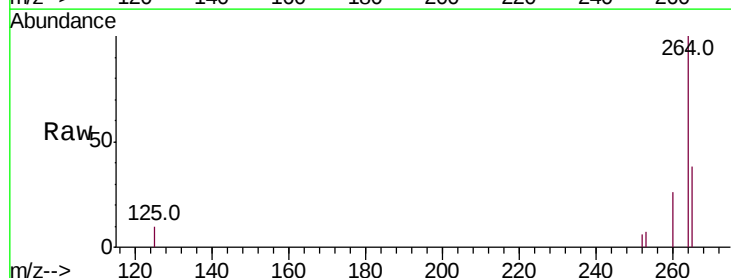


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

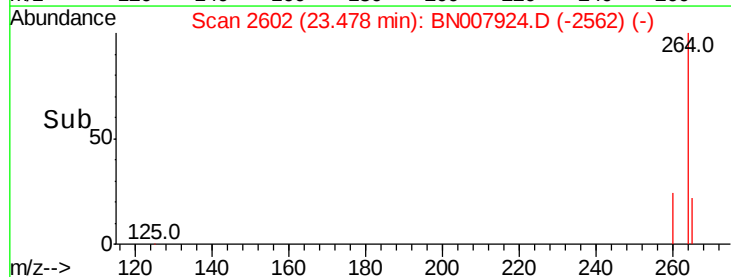
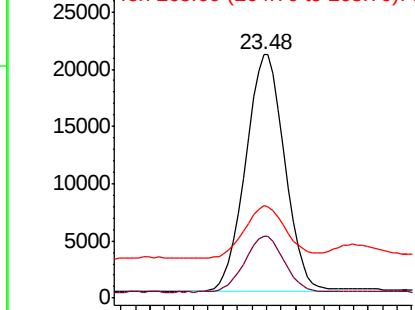


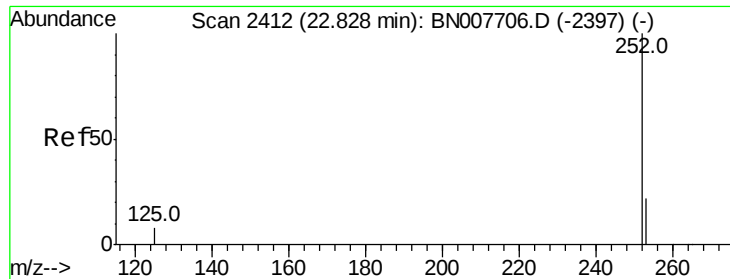
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.48 min Scan# 2602
 Delta R.T. -0.01 min
 Lab File: BN007924.D
 Acq: 01 Oct 2019 08:46

Tgt Ion:264 Resp: 38814
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.3 28.9
 265 38.1 26.9 40.3



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

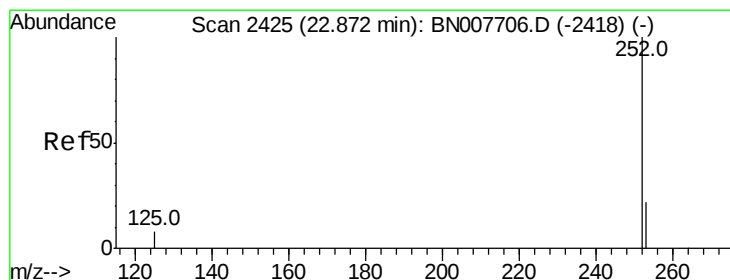
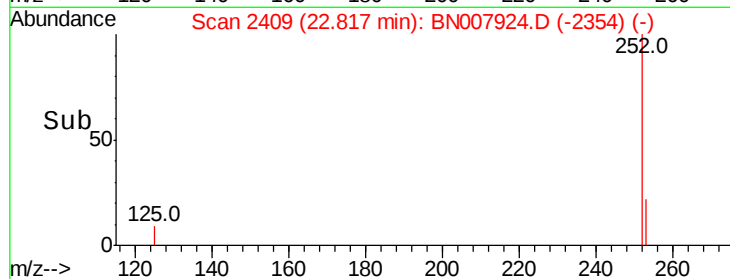
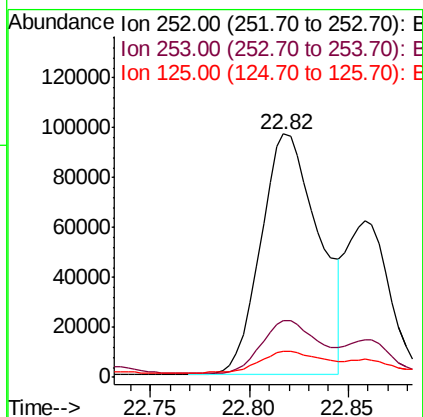
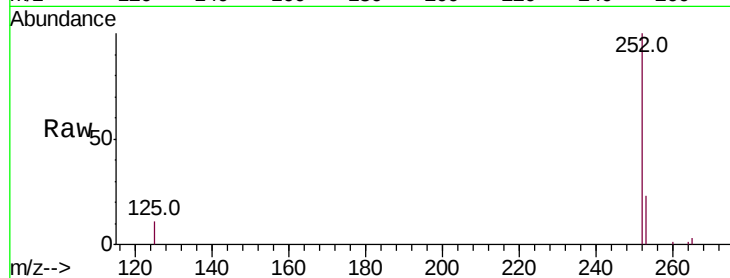




#35
Benzo(b)fluoranthene
Concen: 1.458 ng
RT: 22.82 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BN007924.D
Acq: 01 Oct 2019 08:46

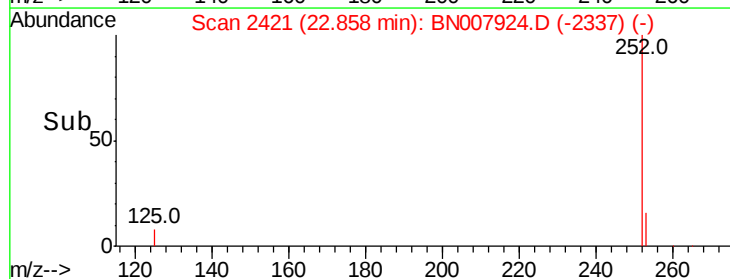
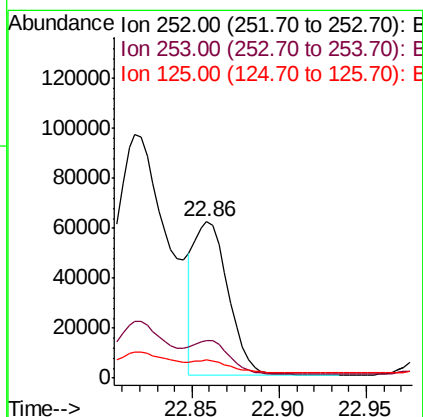
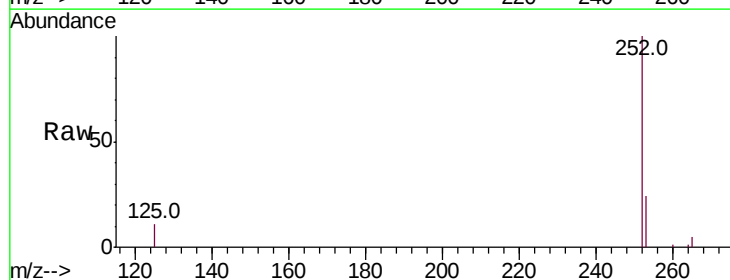
Instrument :
BNA_N
ClientSampleId :

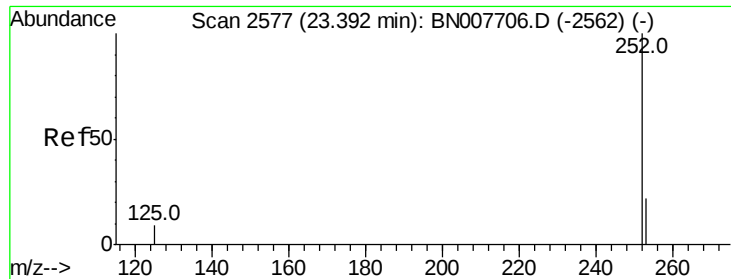
Tot Ion:252 Resp: 196471
Ion Ratio Lower Upper
252 100
253 23.2 18.3 27.5
125 10.5 8.2 12.4



#36
Benzo(k)fluoranthene
Concen: 0.618 ng
RT: 22.86 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN007924.D
Acq: 01 Oct 2019 08:46

Tgt Ion:252 Resp: 82295
Ion Ratio Lower Upper
252 100
253 24.1 18.5 27.7
125 11.4 8.4 12.6





#37

Benzo(a)pyrene

Concen: 1.105 ng

RT: 23.38 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

Instrument :

BNA_N

ClientSampled :

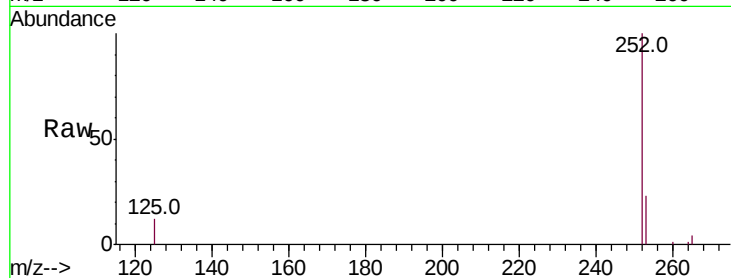
Tot Ion:252 Resp: 139895

Ion Ratio Lower Upper

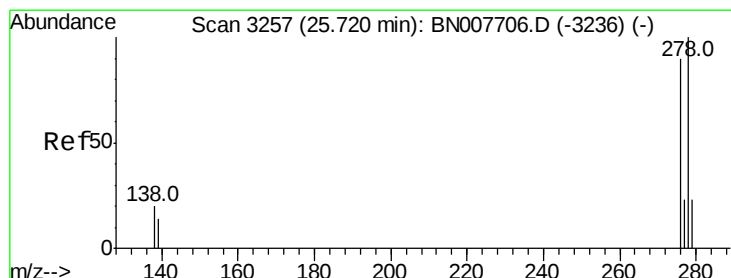
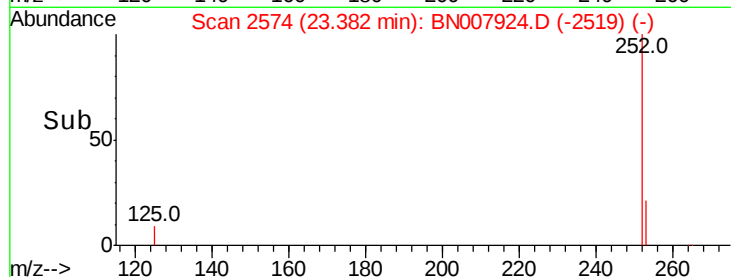
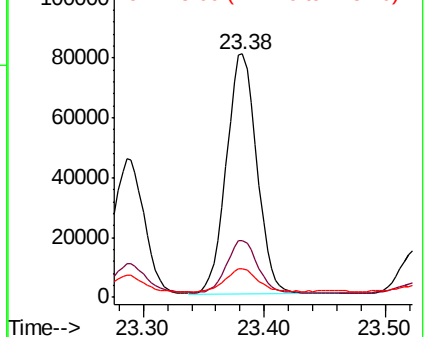
252 100

253 23.4 18.6 27.8

125 11.5 9.4 14.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.386 ng

RT: 25.70 min Scan# 3251

Delta R.T. -0.02 min

Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

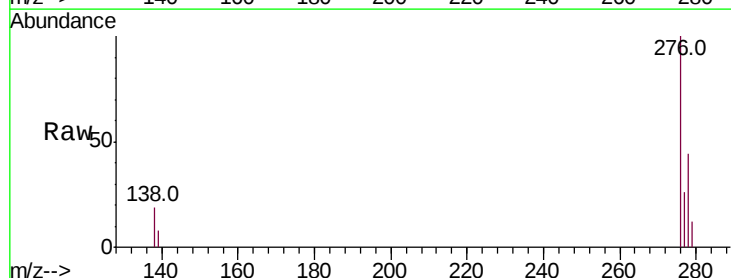
Tgt Ion:278 Resp: 50062

Ion Ratio Lower Upper

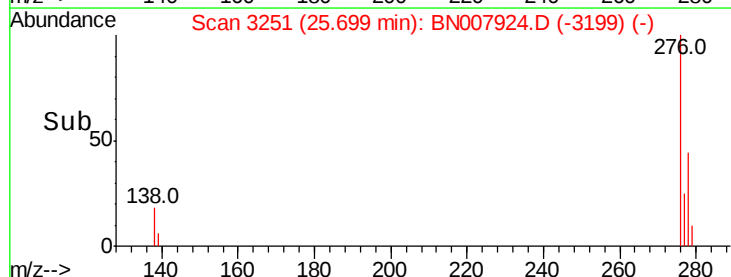
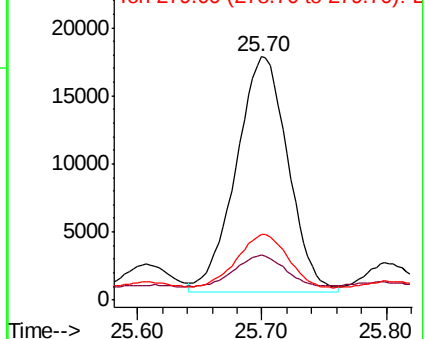
278 100

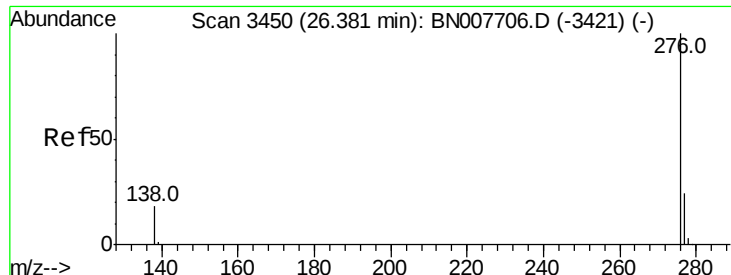
139 18.4 11.8 17.6#

279 27.0 19.4 29.2



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: 0.921 ng

RT: 26.37 min Scan# 3446

Delta R.T. -0.01 min

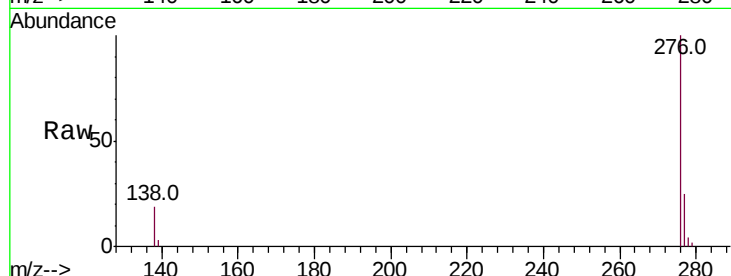
Lab File: BN007924.D

Acq: 01 Oct 2019 08:46

Instrument :

BNA_N

ClientSampleId :



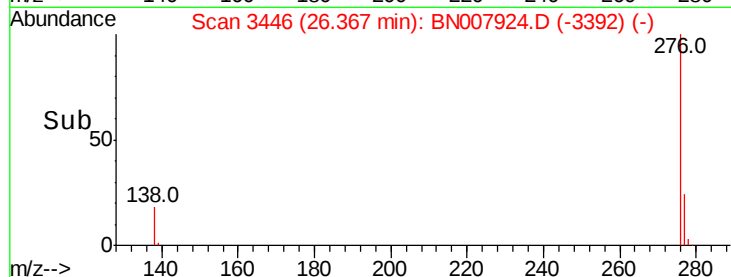
Tot Ion:276 Resp: 118108

Ion Ratio Lower Upper

276 100

277 25.2 19.8 29.8

138 19.0 15.1 22.7



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

