

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
 Data File : BN007786.D
 Acq On : 21 Sep 2019 05:29
 Operator : HP/JU
 Sample : K4974-04MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20190916MSD

Quant Time: Sep 21 06:24:08 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	6855	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	26219	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	15105	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	33058	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	35796	0.40	ng	-0.02
34) Perylene-d12	23.46	264	36551	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	2212	0.09	ng	0.00
5) Phenol-d6	6.86	99	1804	0.06	ng	0.00
8) Nitrobenzene-d5	8.83	82	6356	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	15614	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1558	0.19	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	22804	0.37	ng	-0.01
25) Fluoranthene-d10	19.09	212	35599	0.32	ng	-0.01
29) Terphenyl-d14	19.70	244	38030	0.43	ng	-0.01

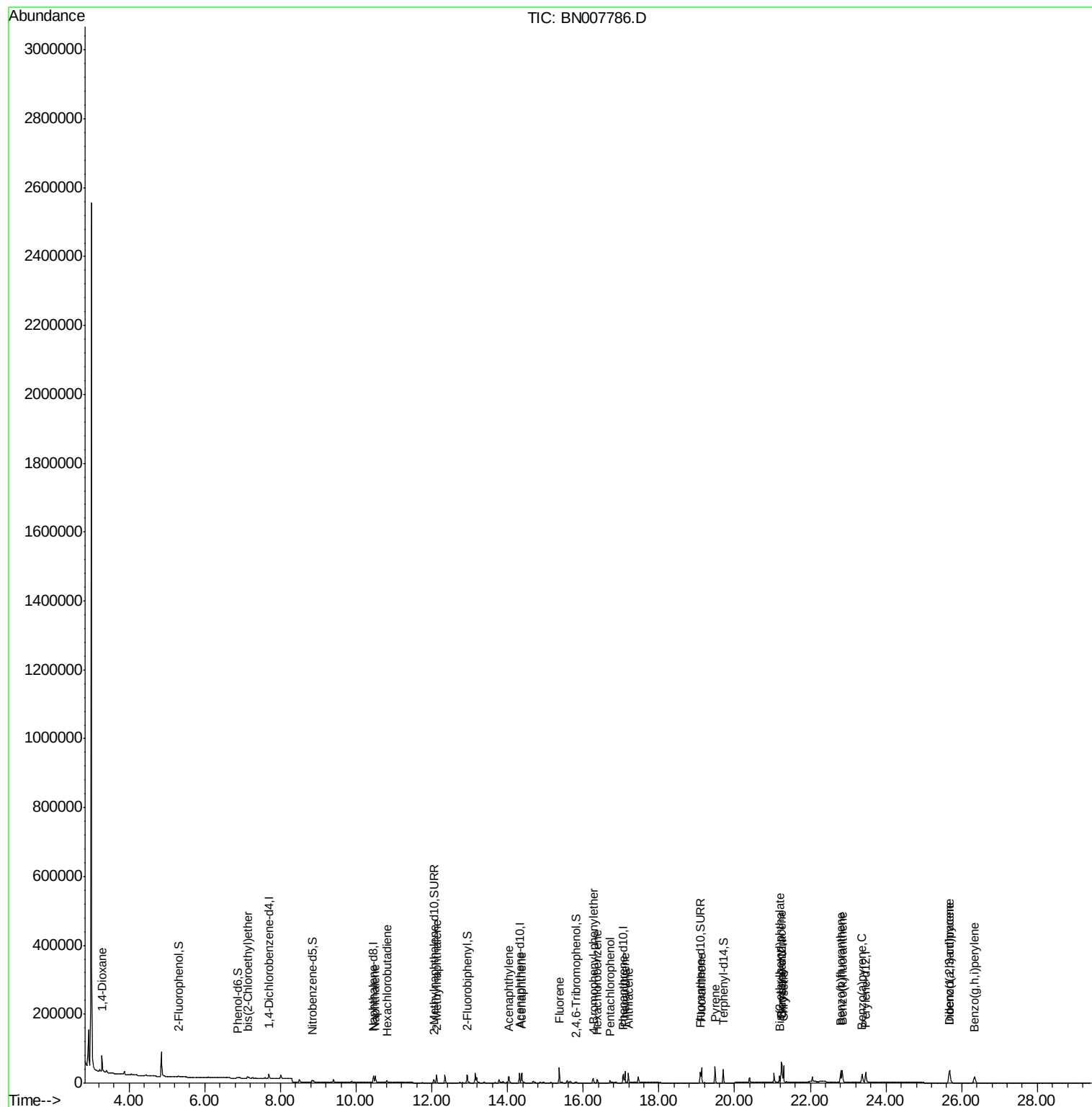
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	34291	4.488	ng	# 92
6) bis(2-Chloroethyl)ether	7.13	93	6715	0.346	ng	97
9) Naphthalene	10.51	128	25653	0.349	ng	99
10) Hexachlorobutadiene	10.81	225	4824	0.311	ng	# 100
12) 2-Methylnaphthalene	12.13	142	17096	0.344	ng	100
16) Acenaphthylene	14.04	152	23164	0.289	ng	99
17) Acenaphthene	14.38	154	15828	0.306	ng	98
18) Fluorene	15.36	166	19897	0.301	ng	100
20) 4-Bromophenyl-phenylether	16.26	248	6647	0.331	ng	100
21) Hexachlorobenzene	16.38	284	7201	0.328	ng	98
22) Pentachlorophenol	16.72	266	3478	0.430	ng	98
23) Phenanthrene	17.10	178	35442	0.344	ng	100
24) Anthracene	17.19	178	29687	0.319	ng	100
26) Fluoranthene	19.12	202	41880	0.327	ng	100
28) Pyrene	19.49	202	42255	0.346	ng	100
30) Benzo(a)anthracene	21.24	228	39748	0.302	ng	98
31) Chrysene	21.29	228	43894	0.342	ng	98
32) Bis(2-ethylhexyl)phthalate	21.19	149	14647	0.216	ng	97
33) Indeno(1,2,3-cd)pyrene	25.67	276	46674	0.290	ng	99
35) Benzo(b)fluoranthene	22.80	252	41311	0.326	ng	100
36) Benzo(k)fluoranthene	22.84	252	45452	0.362	ng	99
37) Benzo(a)pyrene	23.37	252	37733	0.316	ng	99
38) Dibenzo(a,h)anthracene	25.69	278	38972	0.319	ng	99
39) Benzo(g,h,i)perylene	26.34	276	39200	0.325	ng	99

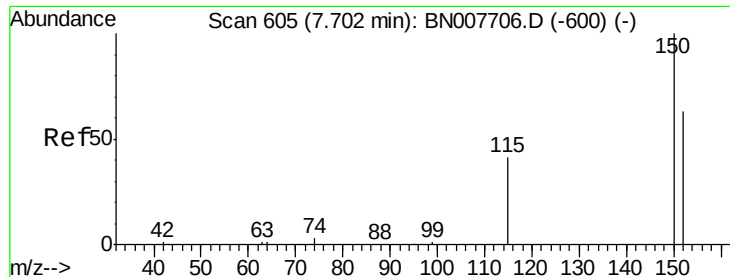
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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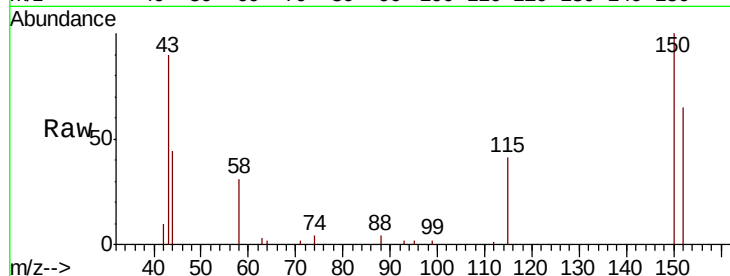


#1

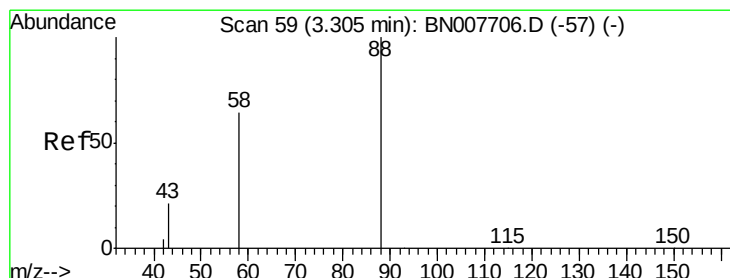
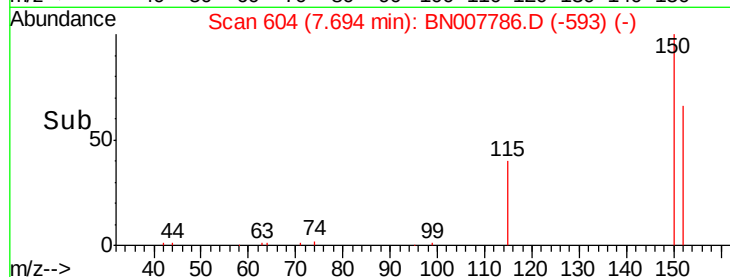
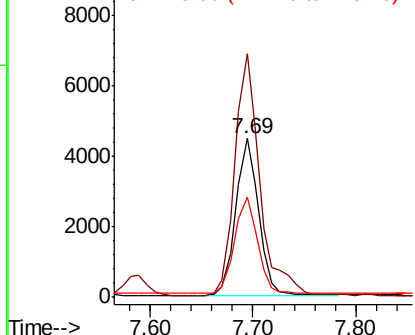
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007786.D
Acq: 21 Sep 2019 05:29

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MSD

Tot Ion:152 Resp: 6855
Ion Ratio Lower Upper
152 100
150 153.2 125.6 188.4
115 62.9 53.3 79.9



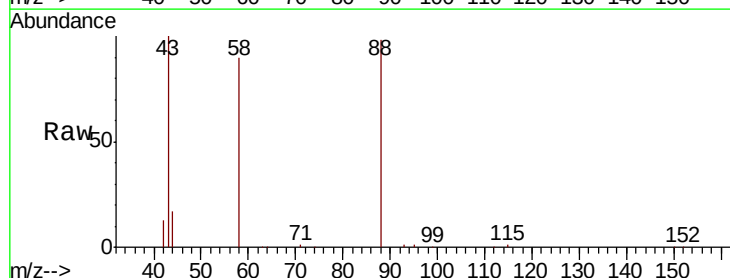
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



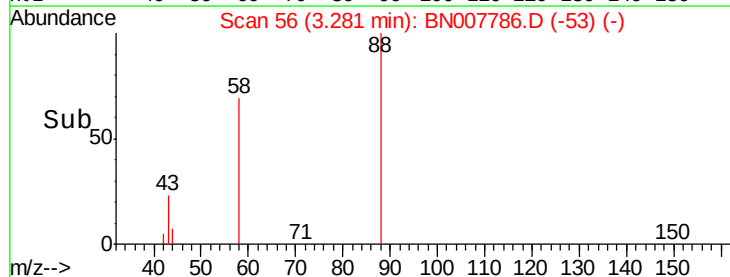
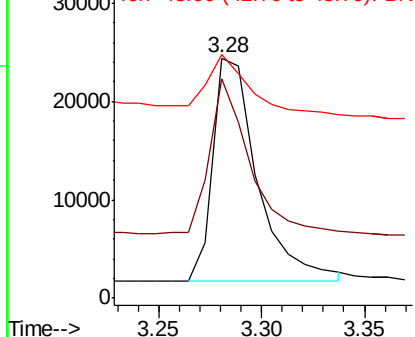
#2

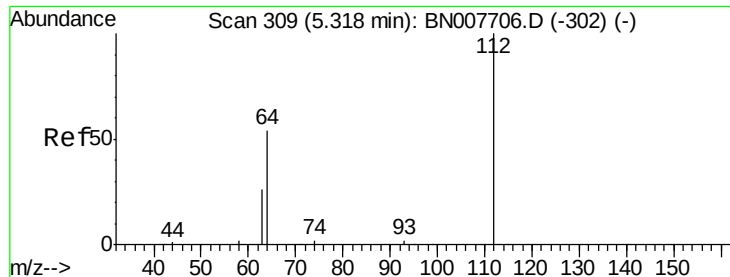
1,4-Dioxane
Concen: 4.488 ng
RT: 3.28 min Scan# 56
Delta R.T. -0.02 min
Lab File: BN007786.D
Acq: 21 Sep 2019 05:29

Tgt Ion: 88 Resp: 34291
Ion Ratio Lower Upper
88 100
58 59.4 44.6 66.8
43 24.9 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





#4

2-Fluorophenol

Concen: 0.094 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007786.D

Acq: 21 Sep 2019 05:29

Instrument :

BNA_N

ClientSampleId :

RE132D2-20190916MSD

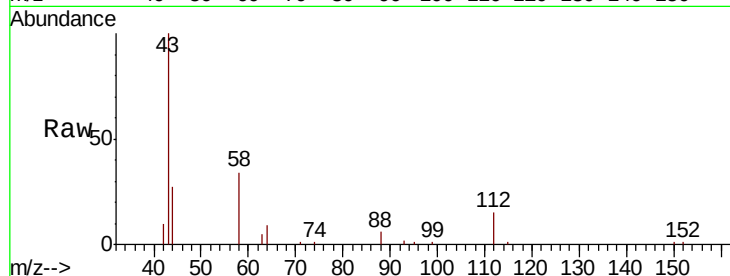
Tot Ion: 112 Resp: 2212

Ion Ratio Lower Upper

112 100

64 60.4 46.6 70.0

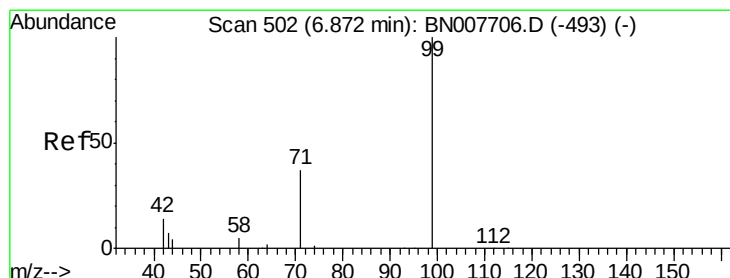
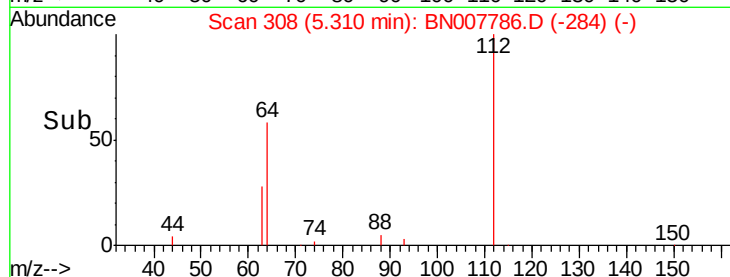
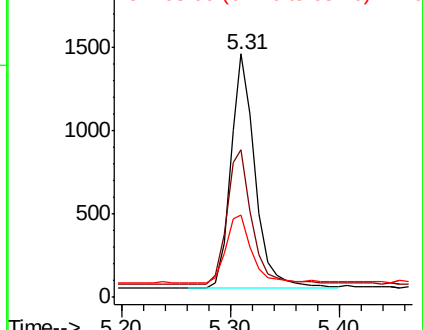
63 31.0 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0



#5

Phenol-d6

Concen: 0.056 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN007786.D

Acq: 21 Sep 2019 05:29

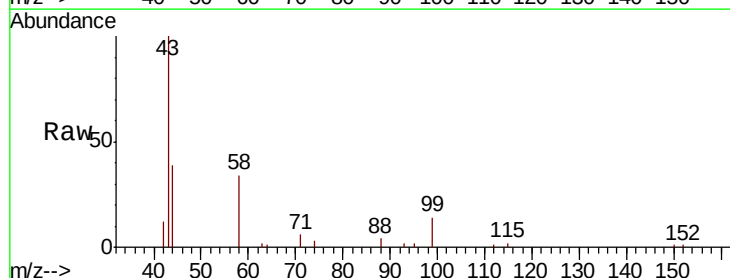
Tgt Ion: 99 Resp: 1804

Ion Ratio Lower Upper

99 100

42 26.0 12.8 19.2#

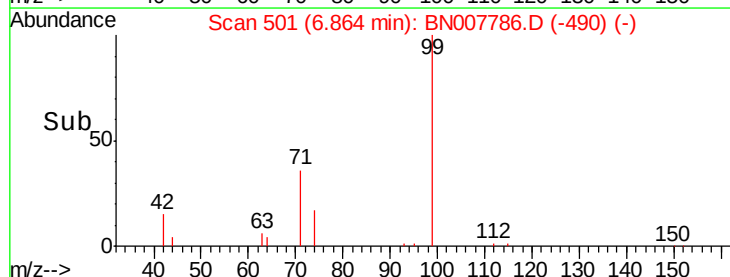
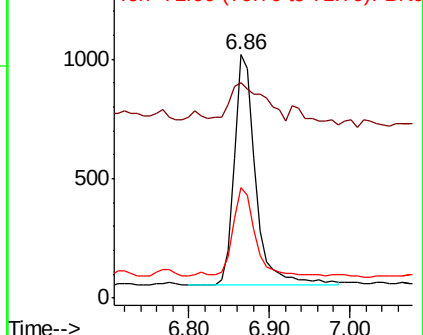
71 40.0 27.6 41.4

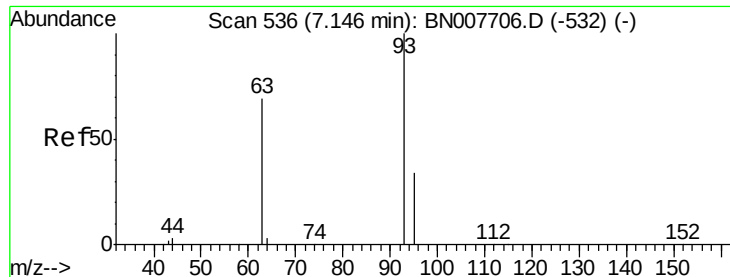


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0





#6

bis(2-Chloroethyl)ether

Concen: 0.346 ng

RT: 7.13 min Scan# 534

Delta R.T. -0.02 min

Lab File: BN007786.D

Acq: 21 Sep 2019 05:29

Instrument :

BNA_N

ClientSampleId :

RE132D2-20190916MSD

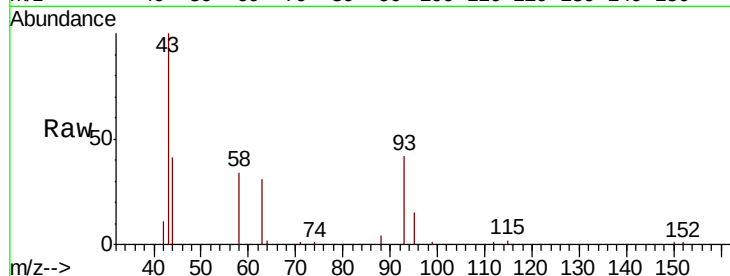
Tot Ion: 93 Resp: 6715

Ion Ratio Lower Upper

93 100

63 71.8 59.3 88.9

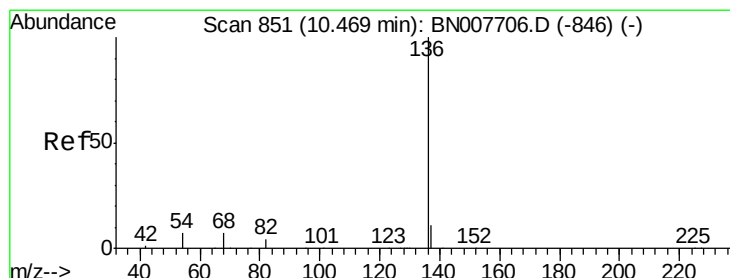
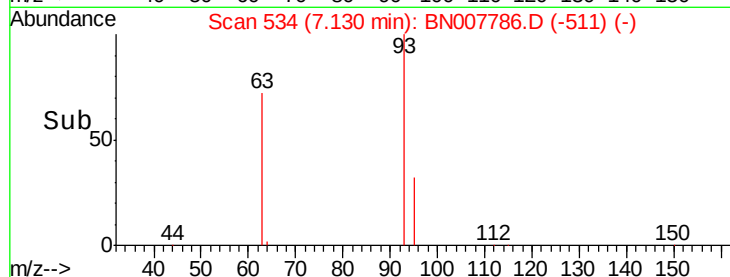
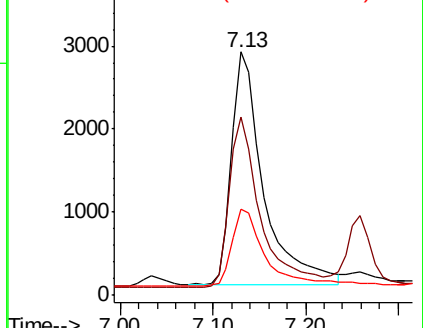
95 36.7 31.4 47.0



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: BN007786.D

Acq: 21 Sep 2019 05:29

Tgt Ion: 136 Resp: 26219

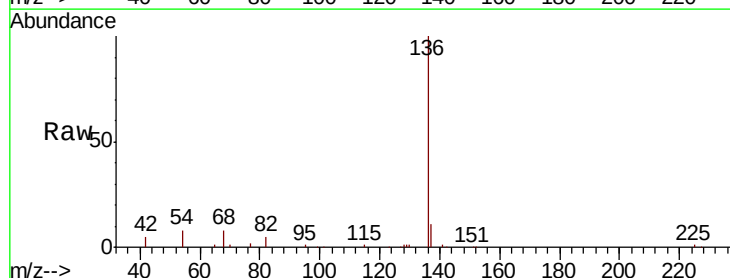
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 7.6 5.8 8.8

68 8.3 6.5 9.7

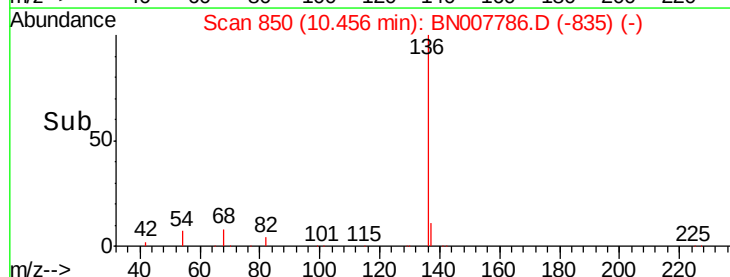
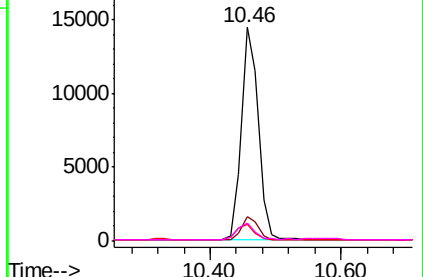


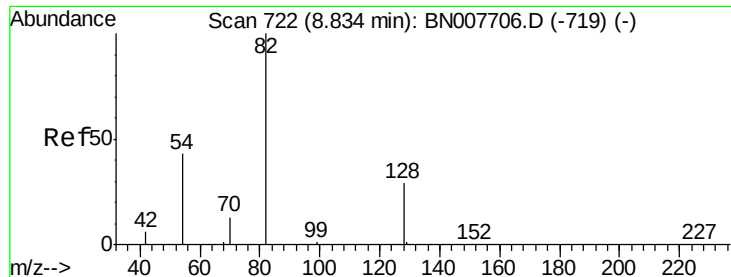
Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

Ion 137.00 (136.70 to 137.70): BN007706.D (-846) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-846) (-)

Ion 68.00 (67.70 to 68.70): BN007706.D (-846) (-)

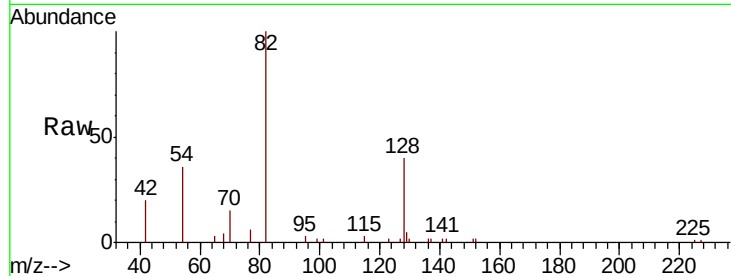




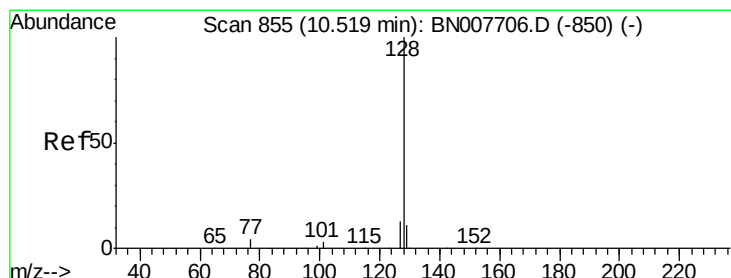
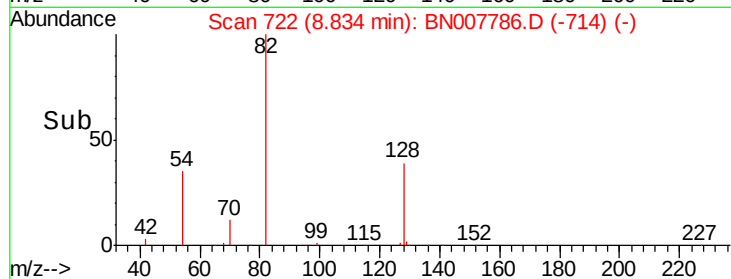
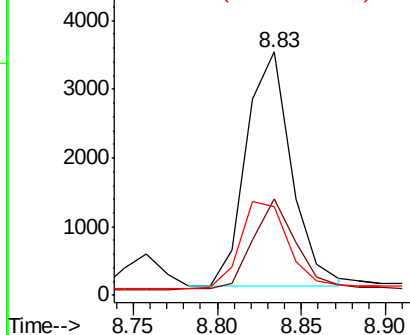
#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 8.83 min Scan# 722
Delta R.T. 0.00 min
Lab File: BN007786.D
Acq: 21 Sep 2019 05:29

Instrument :
BNA_N
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RE132D2-20190916MSD

Tot Ion	82	Resp	6356
Ion Ratio	Lower	Upper	
82	100		
128	39.7	24.5	36.7#
54	36.4	35.2	52.8

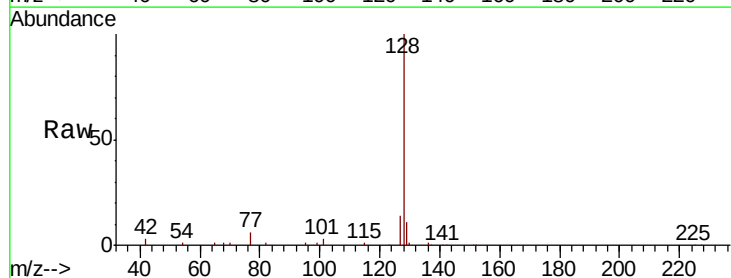


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

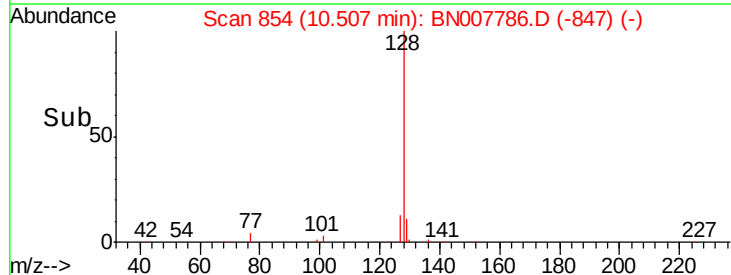
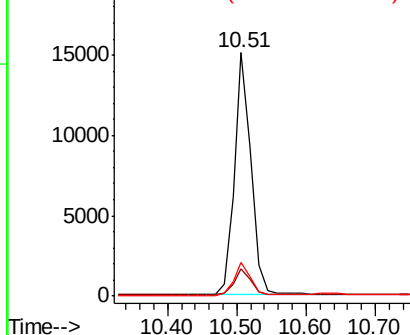


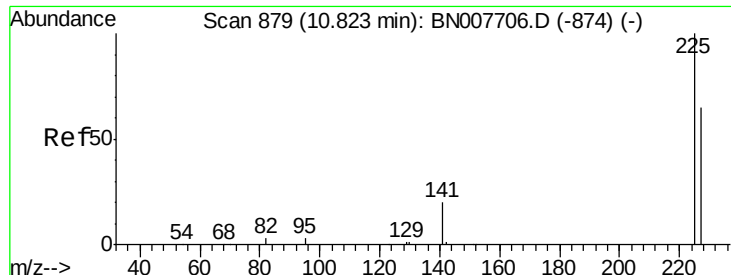
#9
Naphthalene
Concen: 0.349 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007786.D
Acq: 21 Sep 2019 05:29

Tgt Ion	128	Resp	25653
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.1	13.7
127	13.6	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

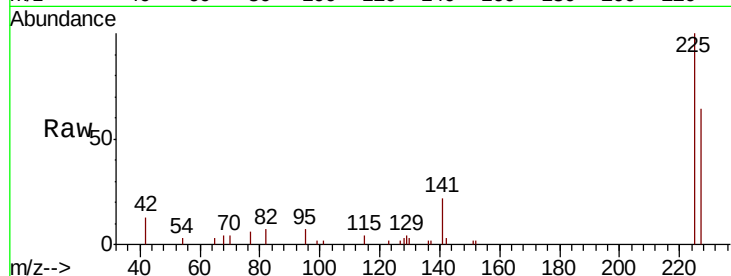




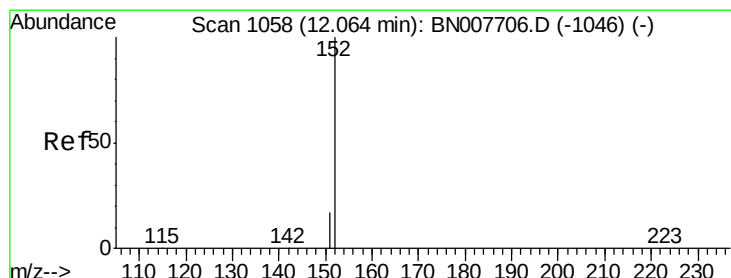
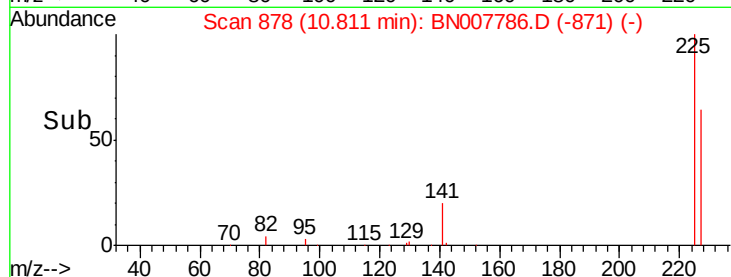
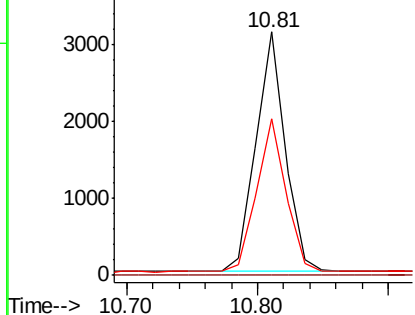
#10
Hexachlorobutadiene
Concen: 0.311 ng
RT: 10.81 min Scan# 878
Delta R.T. -0.01 min
Lab File: BN007786.D
Acq: 21 Sep 2019 05:29

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Tot Ion:225 Resp: 4824
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.9 51.2 76.8

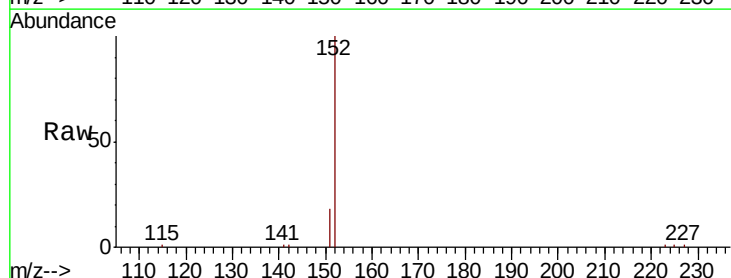


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

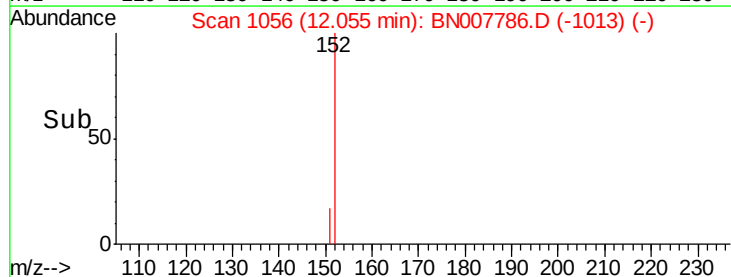
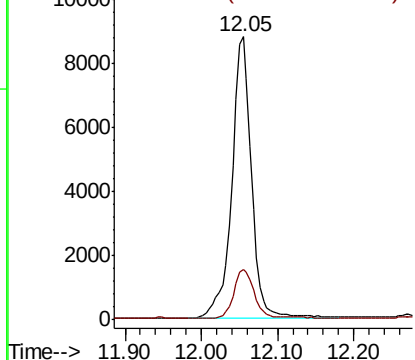


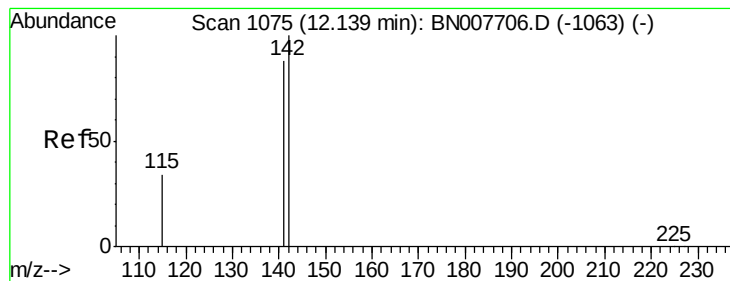
#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 12.05 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BN007786.D
Acq: 21 Sep 2019 05:29

Tgt Ion:152 Resp: 15614
Ion Ratio Lower Upper
152 100
151 17.6 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.344 ng

RT: 12.13 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BN007786.D

Acq: 21 Sep 2019 05:29

Instrument :

BNA_N

ClientSampleId :

RE132D2-20190916MSD

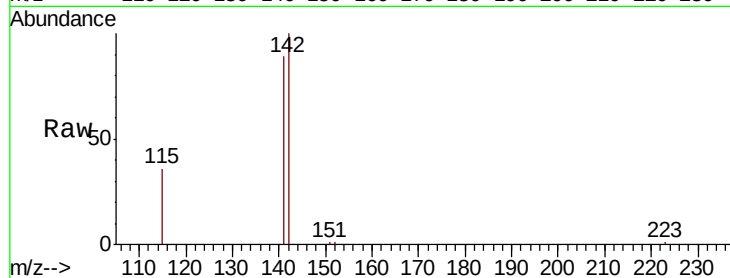
Tot Ion:142 Resp: 17096

Ion Ratio Lower Upper

142 100

141 88.5 70.6 106.0

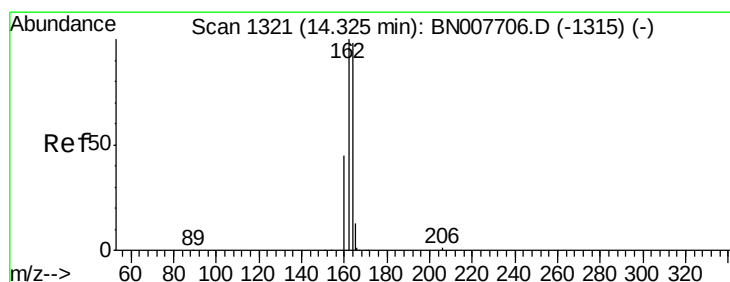
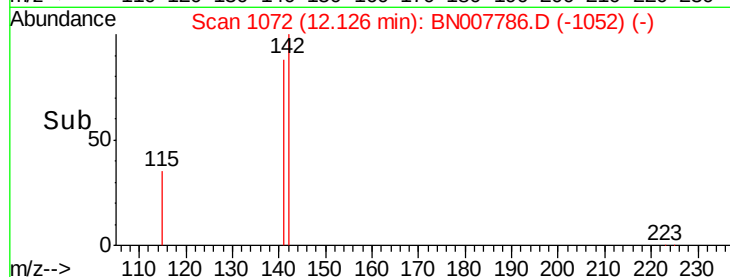
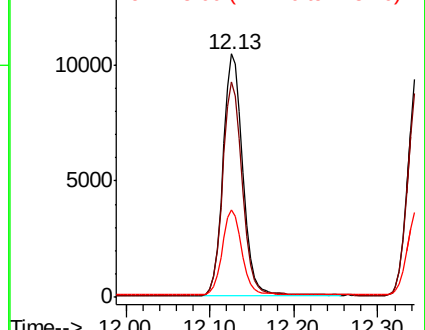
115 36.0 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007786.D

Acq: 21 Sep 2019 05:29

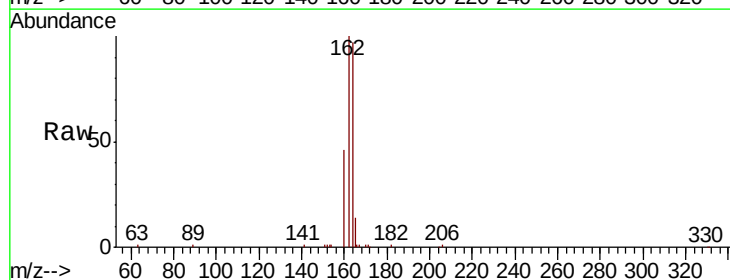
Tgt Ion:164 Resp: 15105

Ion Ratio Lower Upper

164 100

162 102.6 81.7 122.5

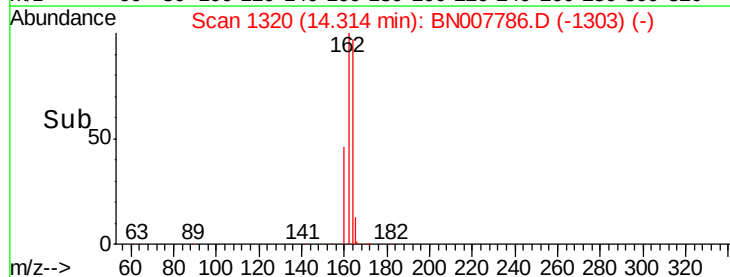
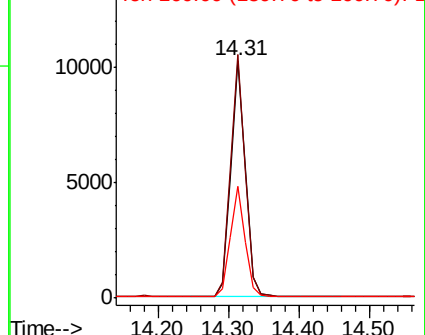
160 47.1 37.0 55.4

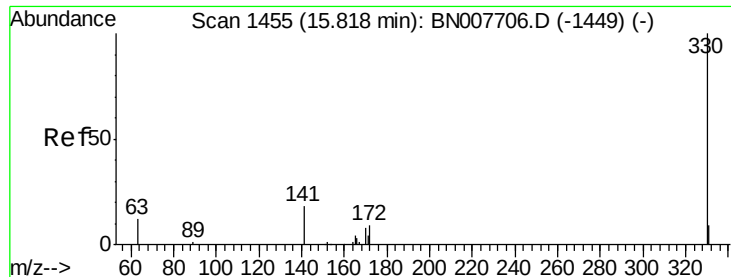


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

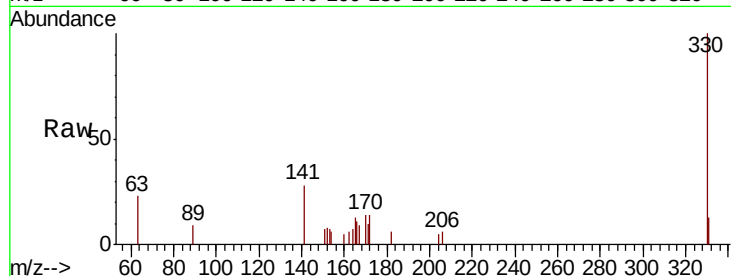




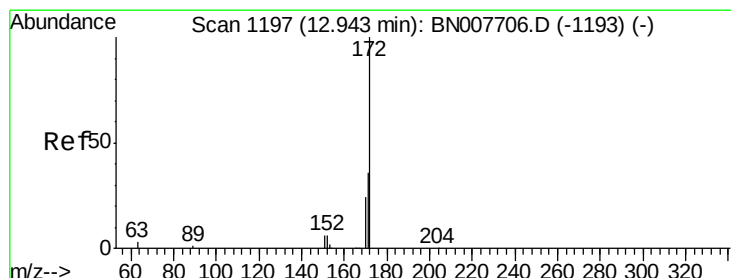
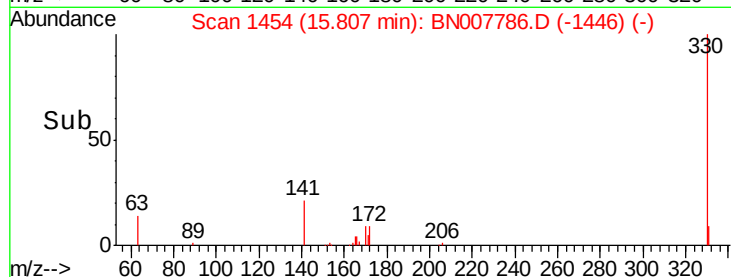
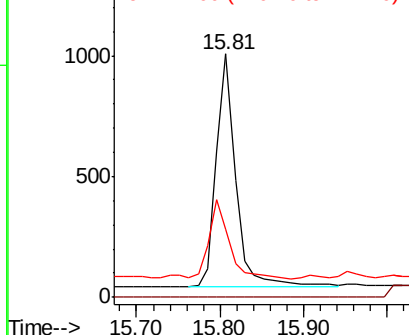
#14
 2,4,6-Tribromophenol
 Concen: 0.189 ng
 RT: 15.81 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BN007786.D
 Acq: 21 Sep 2019 05:29

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20190916MSD

Tot Ion:330 Resp: 1558
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 36.8 28.7 43.1

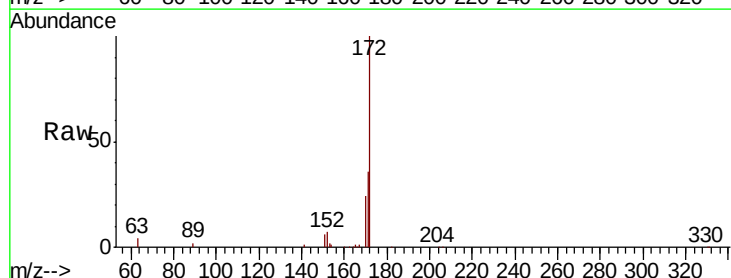


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

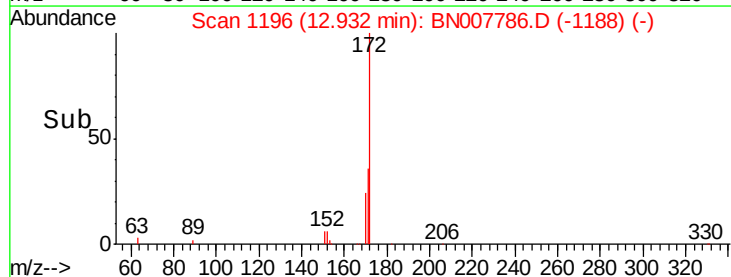
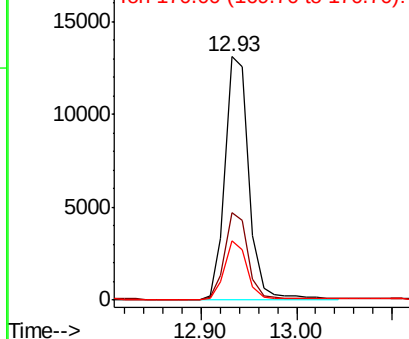


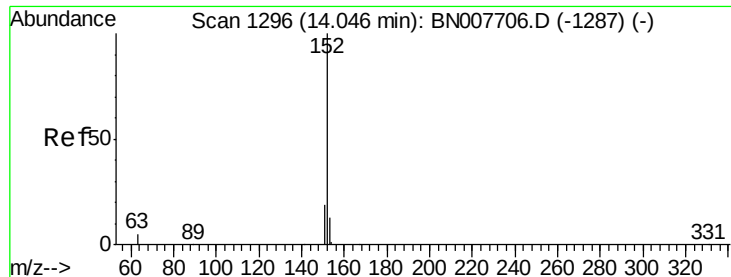
#15
 2-Fluorobiphenyl
 Concen: 0.367 ng
 RT: 12.93 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BN007786.D
 Acq: 21 Sep 2019 05:29

Tgt Ion:172 Resp: 22804
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.8 43.2
 170 24.5 19.5 29.3



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: 0.289 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BN007786.D

Acq: 21 Sep 2019 05:29

Instrument :

BNA_N

ClientSampleId :

RE132D2-20190916MSD

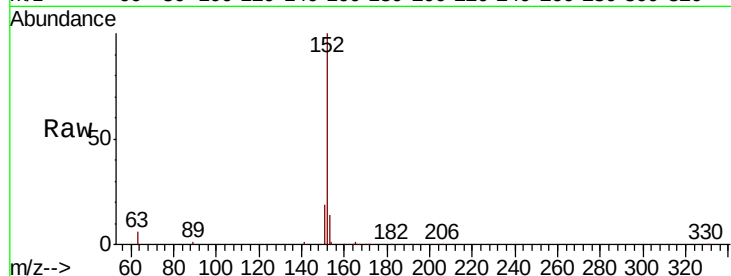
Tot Ion:152 Resp: 23164

Ion Ratio Lower Upper

152 100

151 19.6 15.5 23.3

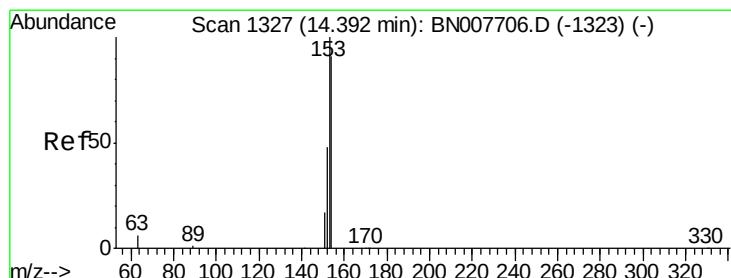
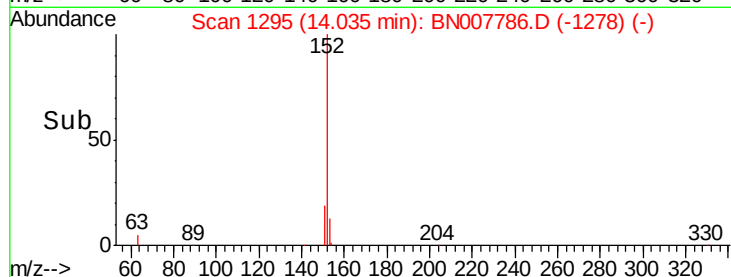
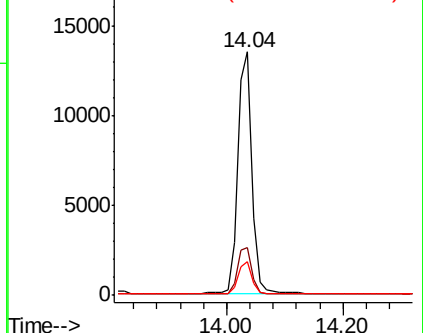
153 13.2 10.4 15.6



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: 0.306 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007786.D

Acq: 21 Sep 2019 05:29

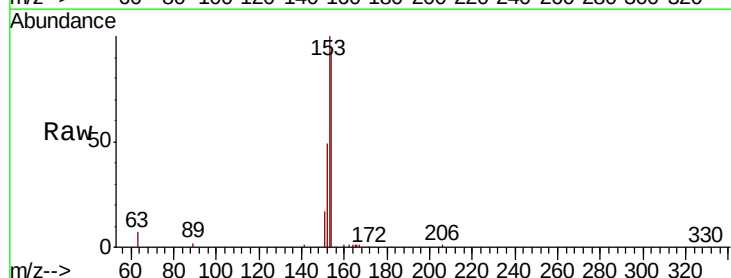
Tgt Ion:154 Resp: 15828

Ion Ratio Lower Upper

154 100

153 111.2 87.0 130.4

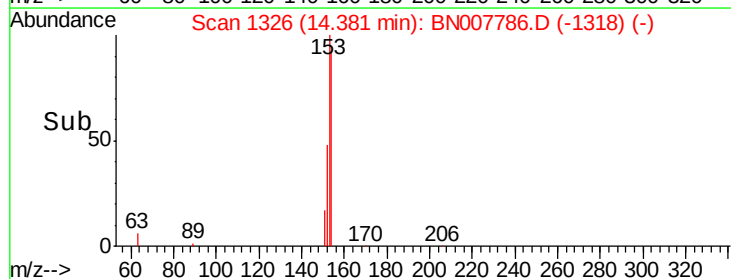
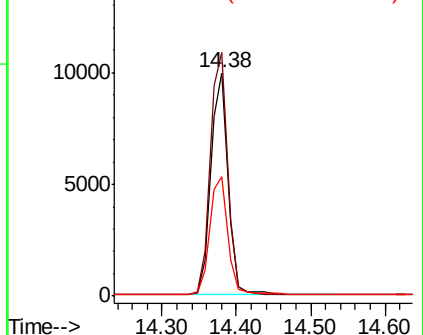
152 55.2 42.7 64.1

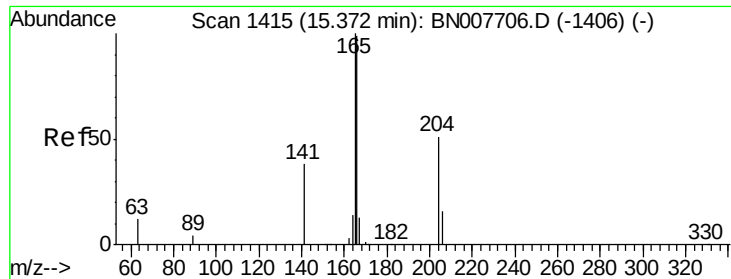


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

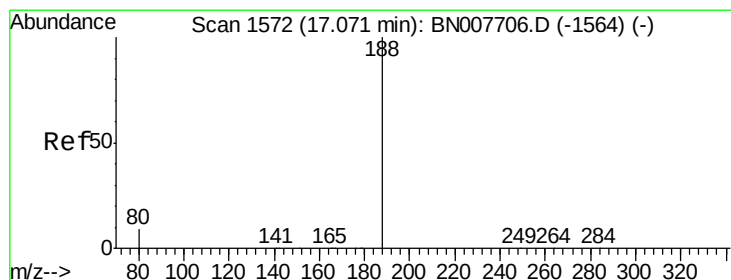
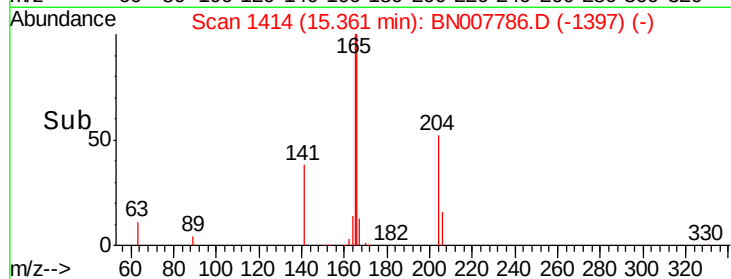
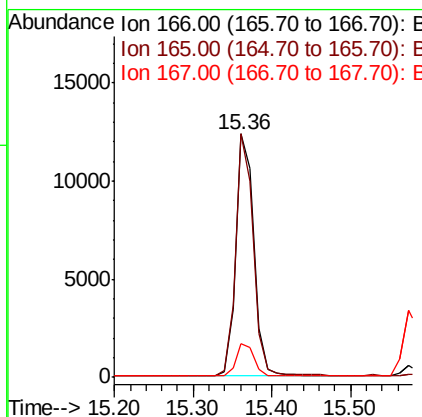
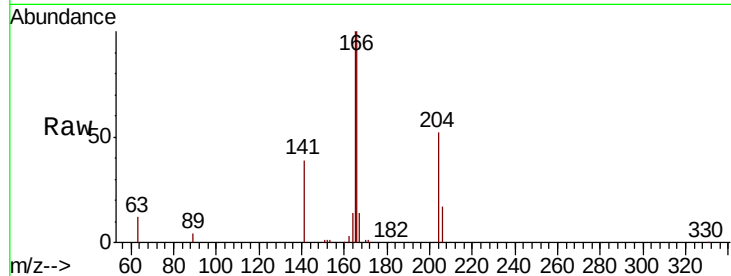




#18
Fluorene
Concen: 0.301 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007786.D
Acq: 21 Sep 2019 05:29

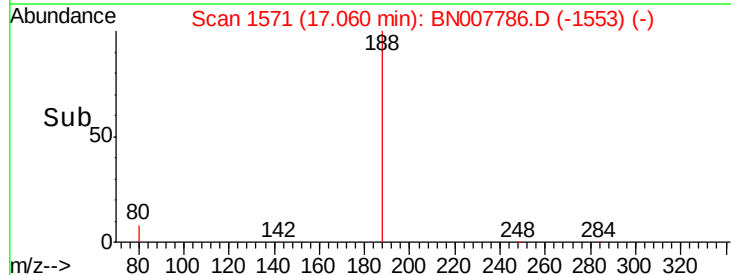
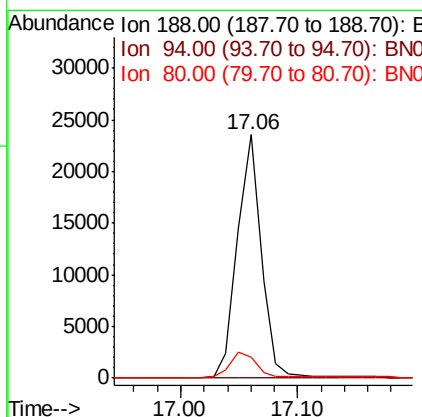
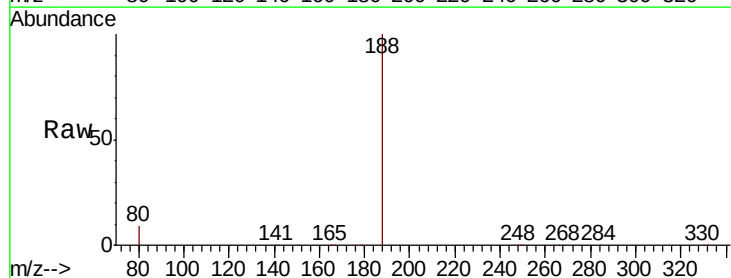
Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MSD

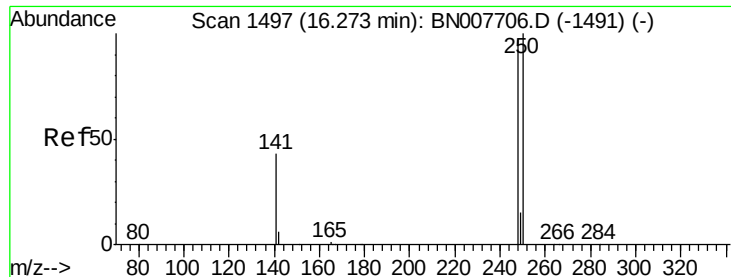
Tot Ion:166 Resp: 19897
Ion Ratio Lower Upper
166 100
165 97.8 78.0 117.0
167 13.7 10.9 16.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007786.D
Acq: 21 Sep 2019 05:29

Tgt Ion:188 Resp: 33058
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 7.4 11.2

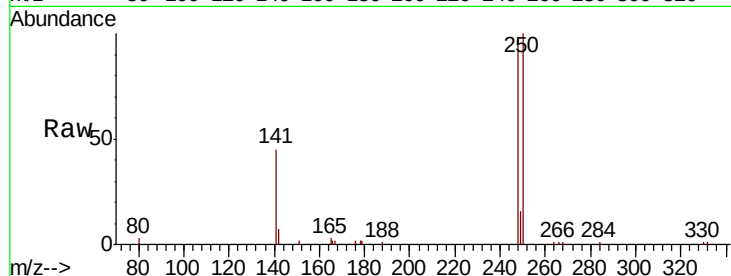




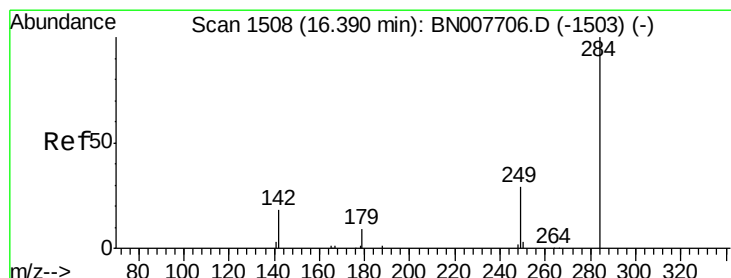
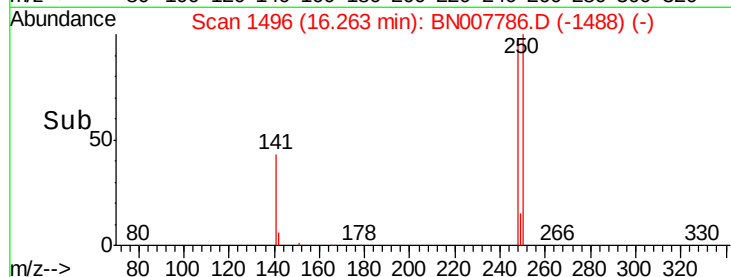
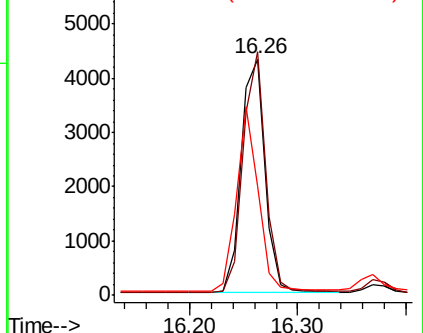
#20
4-Bromophenyl-phenylether
Concen: 0.331 ng
RT: 16.26 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BN007786.D
Acq: 21 Sep 2019 05:29

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MSD

Tot Ion:248 Resp: 6647
Ion Ratio Lower Upper
248 100
250 103.0 82.2 123.4
141 46.0 36.3 54.5

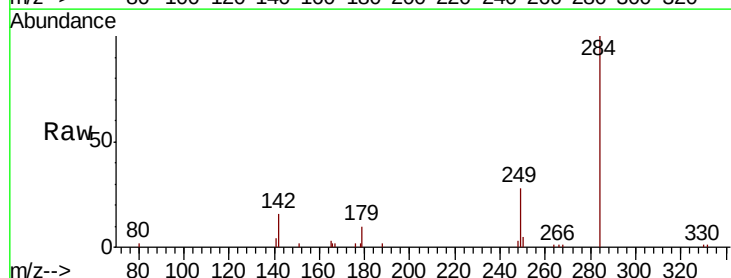


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

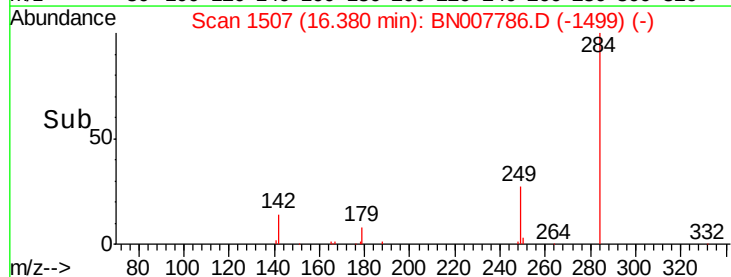
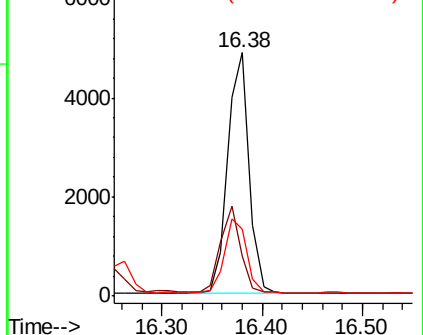


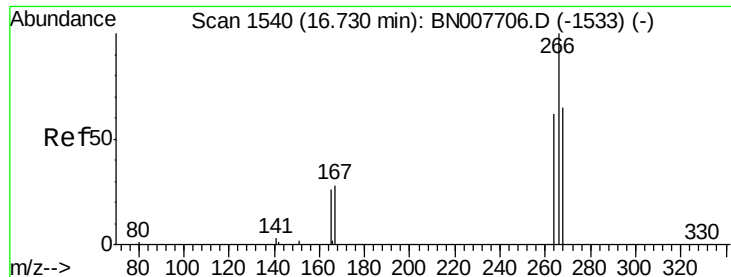
#21
Hexachlorobenzene
Concen: 0.328 ng
RT: 16.38 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BN007786.D
Acq: 21 Sep 2019 05:29

Tgt Ion:284 Resp: 7201
Ion Ratio Lower Upper
284 100
142 33.6 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

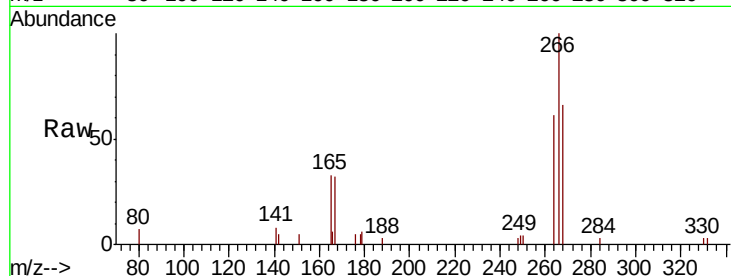




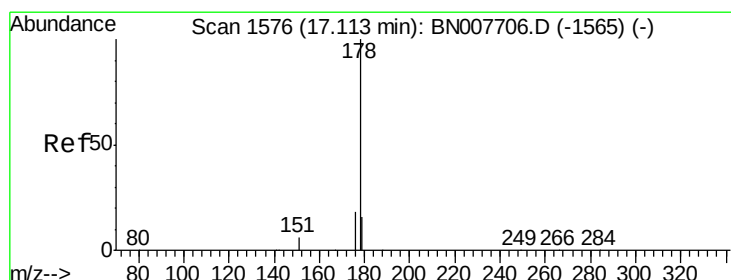
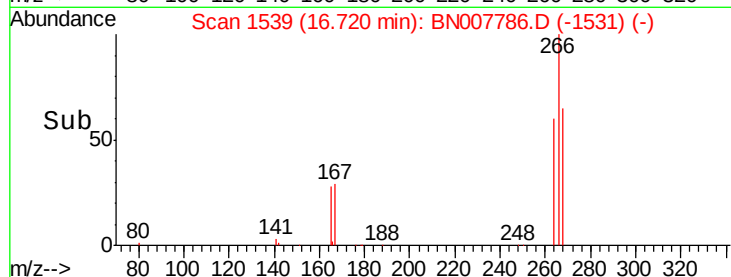
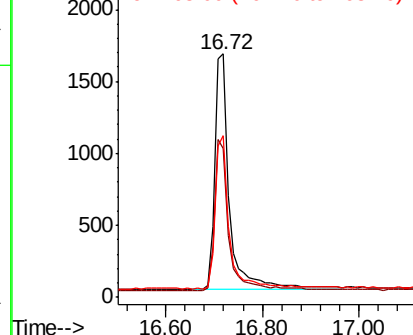
#22
 Pentachlorophenol
 Concen: 0.430 ng
 RT: 16.72 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BN007786.D
 Acq: 21 Sep 2019 05:29

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20190916MSD

Tot Ion:266 Resp: 3478
 Ion Ratio Lower Upper
 266 100
 264 61.1 50.0 75.0
 268 66.4 54.2 81.4

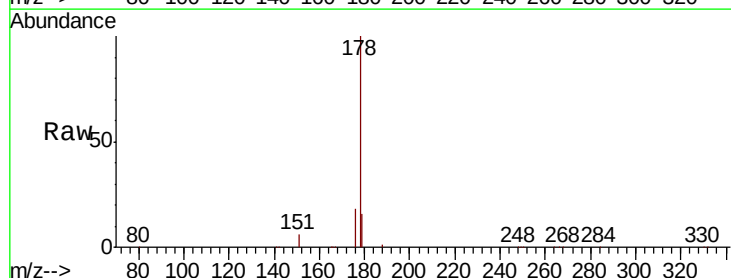


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

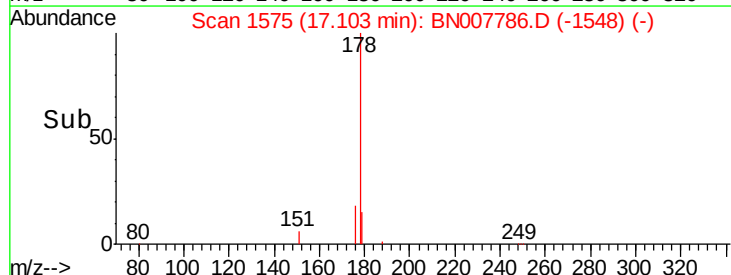
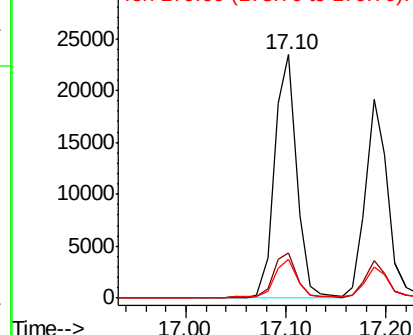


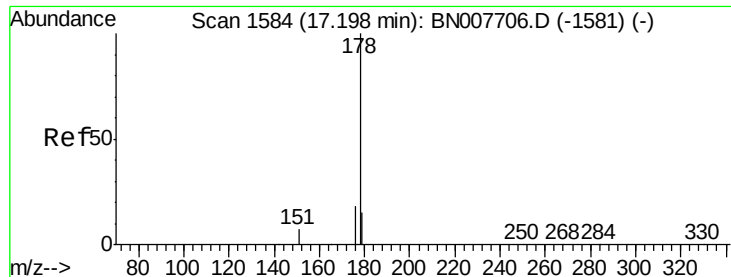
#23
 Phenanthrene
 Concen: 0.344 ng
 RT: 17.10 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BN007786.D
 Acq: 21 Sep 2019 05:29

Tgt Ion:178 Resp: 35442
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.9 22.3
 179 15.5 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: 0.319 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007786.D

Acq: 21 Sep 2019 05:29

Instrument :

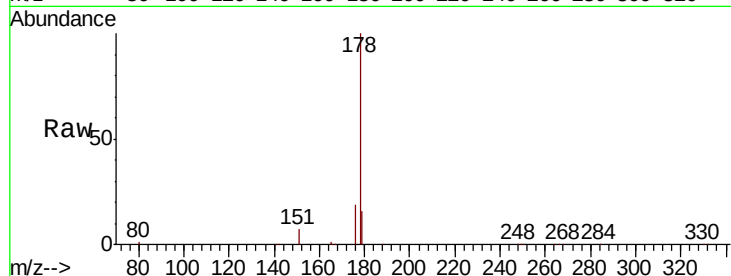
BNA_N

ClientSampleId :

RE132D2-20190916MSD

Tot Ion:178 Resp: 29687

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.4	12.2	18.4

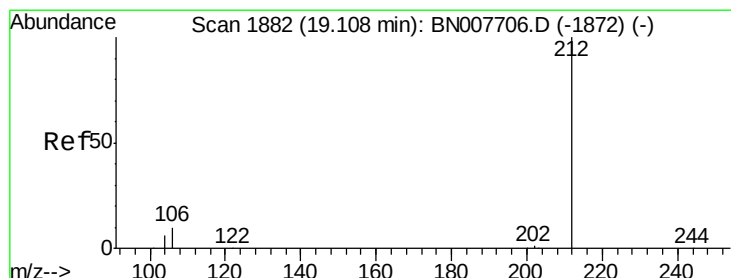
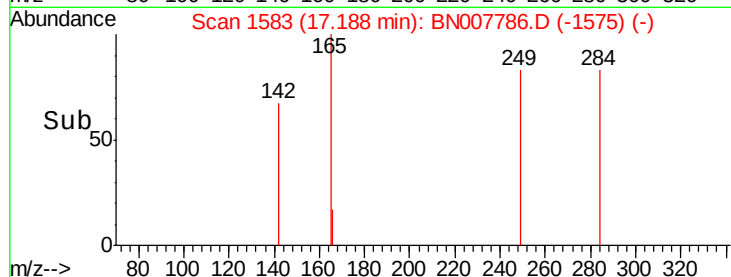
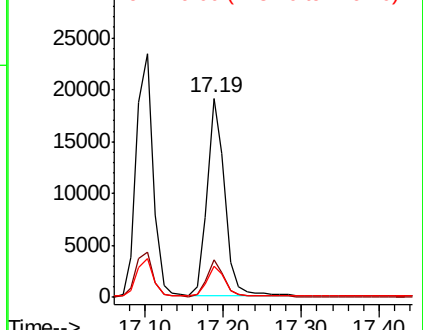


Abundance

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: 0.320 ng

RT: 19.09 min Scan# 1879

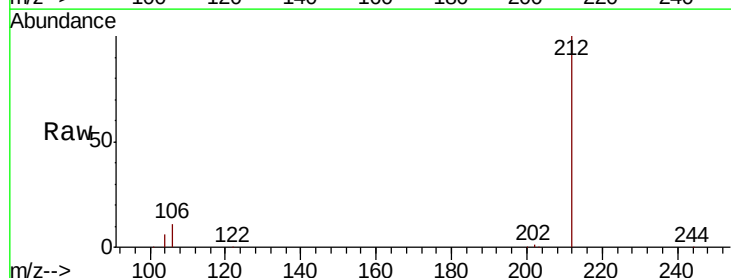
Delta R.T. -0.01 min

Lab File: BN007786.D

Acq: 21 Sep 2019 05:29

Tgt Ion:212 Resp: 35599

Ion	Ratio	Lower	Upper
212	100		
106	11.9	9.4	14.0
104	6.7	5.3	7.9

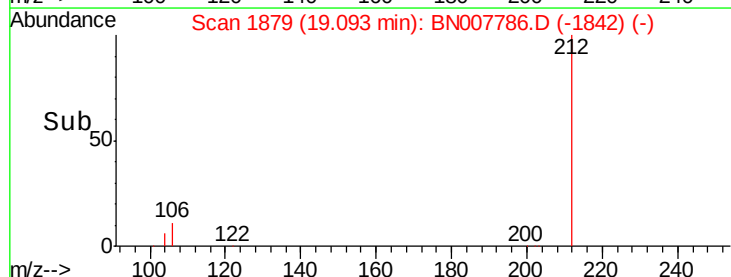
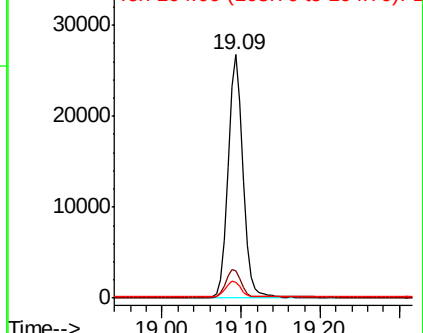


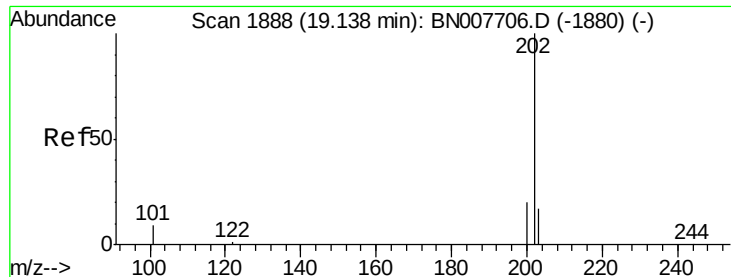
Abundance

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

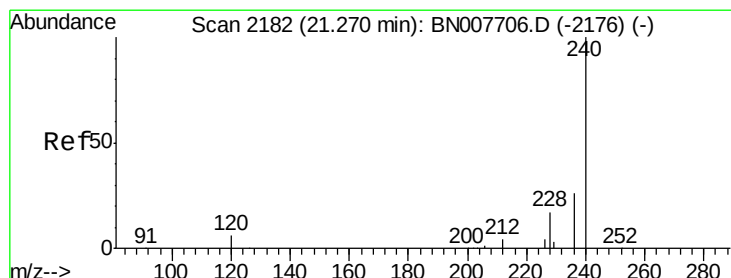
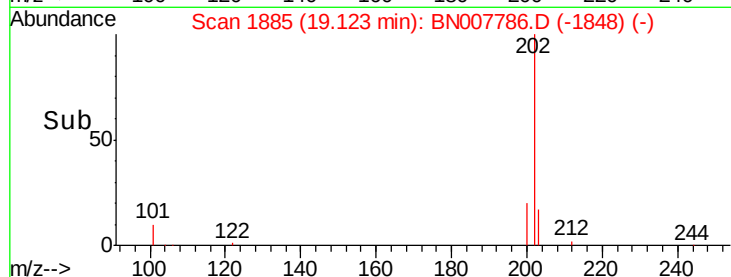
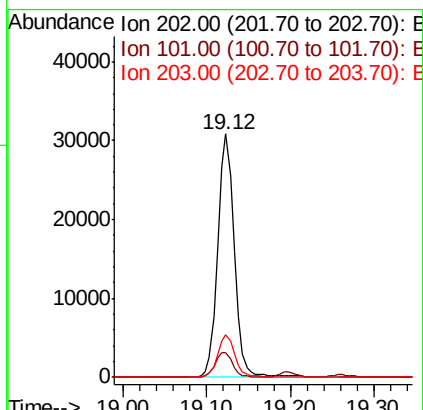
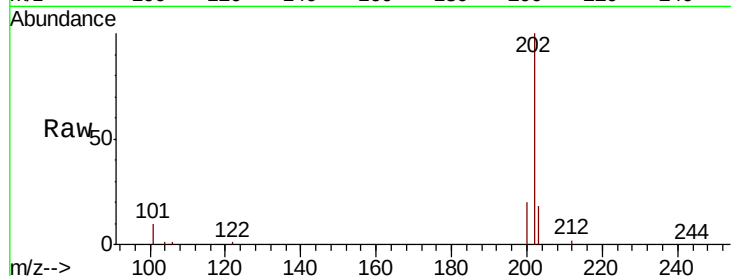




#26
 Fluoranthene
 Concen: 0.327 ng
 RT: 19.12 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BN007786.D
 Acq: 21 Sep 2019 05:29

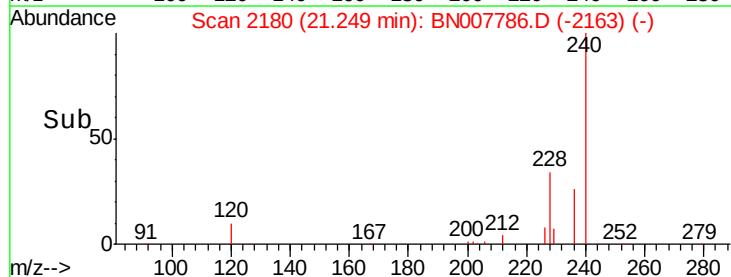
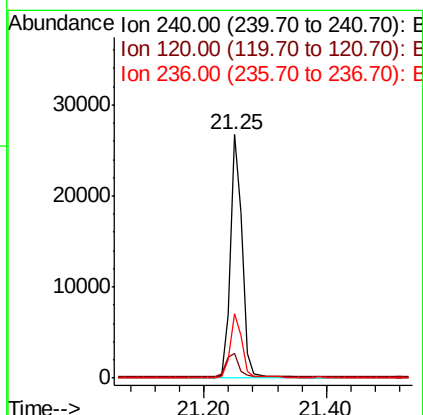
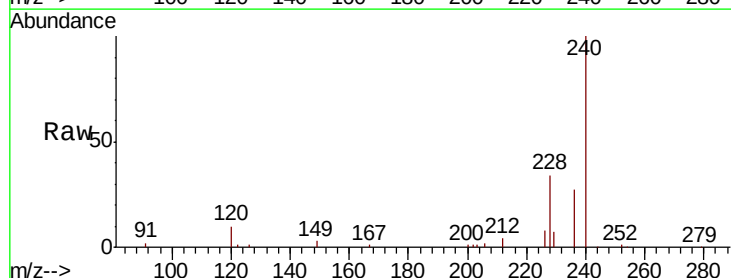
Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20190916MSD

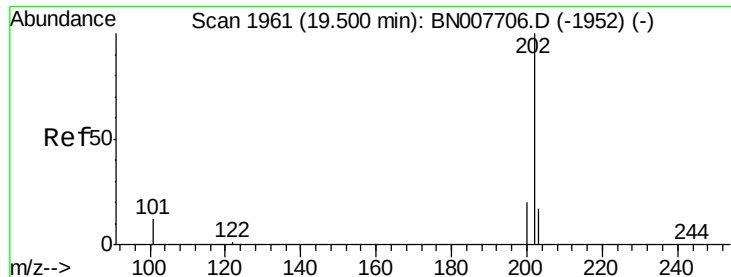
Tot Ion:202 Resp: 41880
 Ion Ratio Lower Upper
 202 100
 101 10.6 8.4 12.6
 203 17.2 13.8 20.8



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 2180
 Delta R.T. -0.02 min
 Lab File: BN007786.D
 Acq: 21 Sep 2019 05:29

Tgt Ion:240 Resp: 35796
 Ion Ratio Lower Upper
 240 100
 120 10.4 5.4 8.2#
 236 26.6 21.0 31.4





#28

Pvrene

Concen: 0.346 ng

RT: 19.49 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BN007786.D

Acq: 21 Sep 2019 05:29

Instrument :

BNA_N

ClientSampleId :

RE132D2-20190916MSD

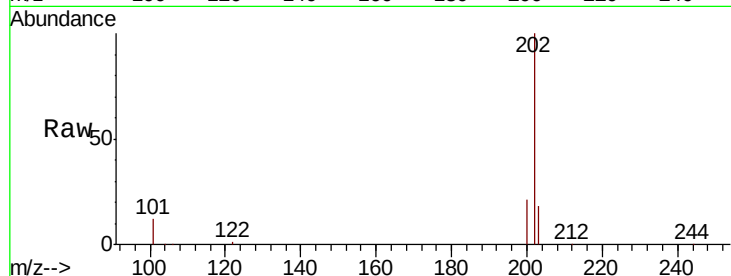
Tot Ion:202 Resp: 42255

Ion Ratio Lower Upper

202 100

200 20.6 16.4 24.6

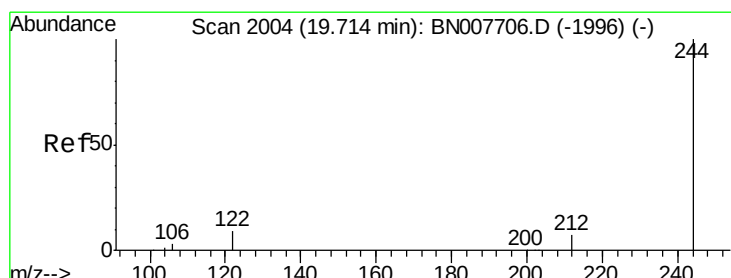
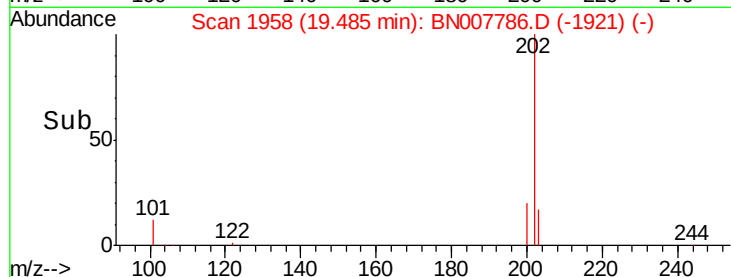
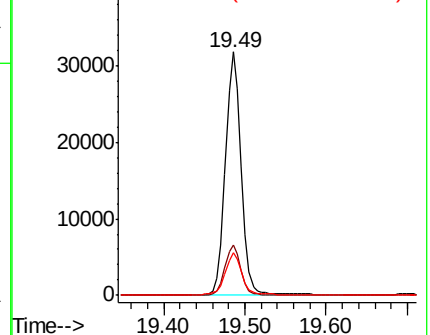
203 18.0 14.1 21.1



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: 0.433 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007786.D

Acq: 21 Sep 2019 05:29

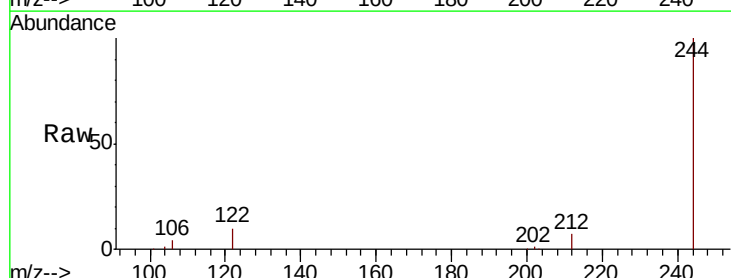
Tgt Ion:244 Resp: 38030

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

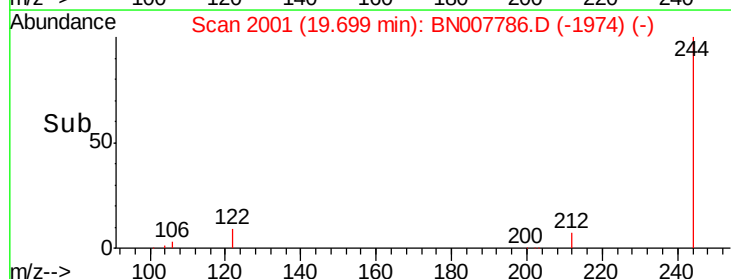
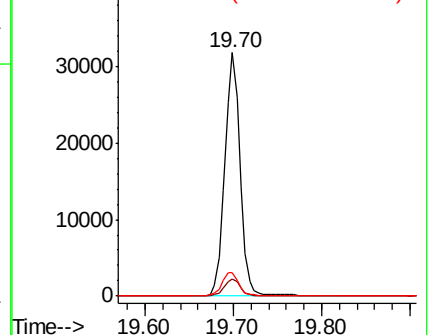
122 9.7 7.4 11.2

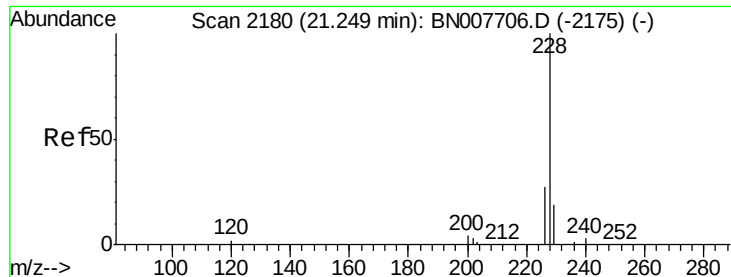


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.302 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007786.D

Acq: 21 Sep 2019 05:29

Instrument :

BNA_N

ClientSampleId :

RE132D2-20190916MSD

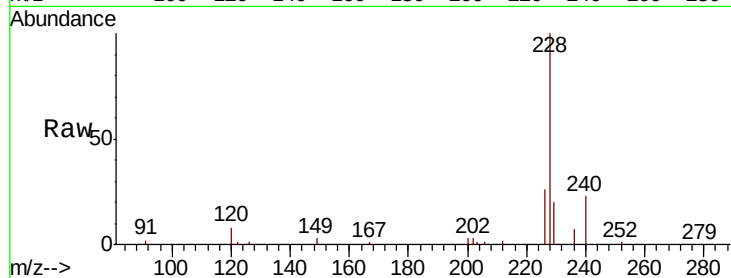
Tot Ion:228 Resp: 39748

Ion Ratio Lower Upper

228 100

226 25.7 22.1 33.1

229 19.8 15.8 23.6

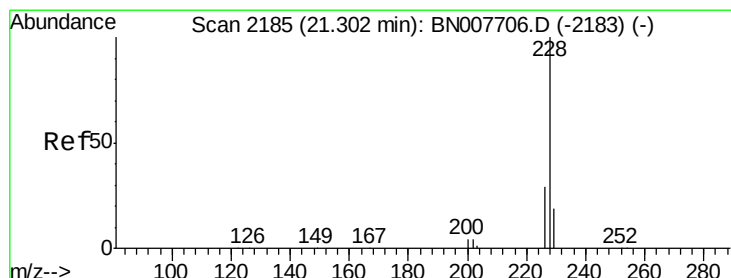
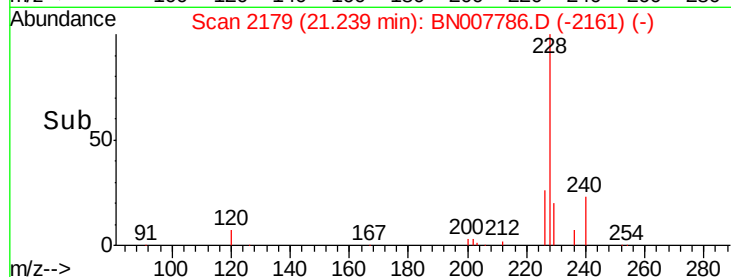
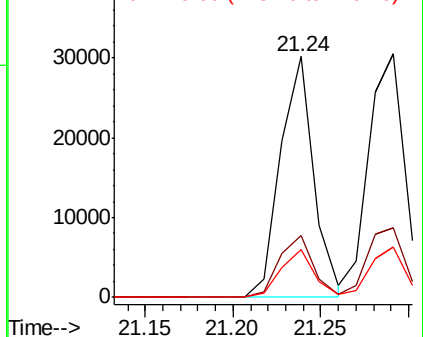


Abundance

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: 0.342 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007786.D

Acq: 21 Sep 2019 05:29

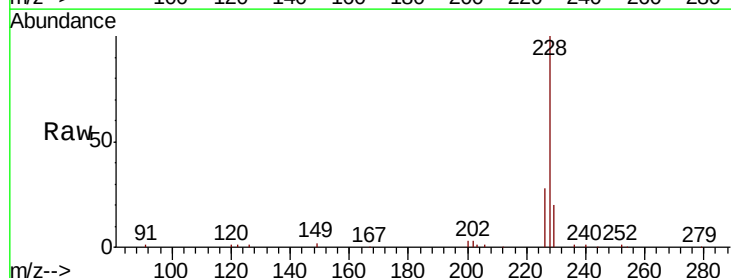
Tgt Ion:228 Resp: 43894

Ion Ratio Lower Upper

228 100

226 28.4 23.9 35.9

229 20.5 15.8 23.6

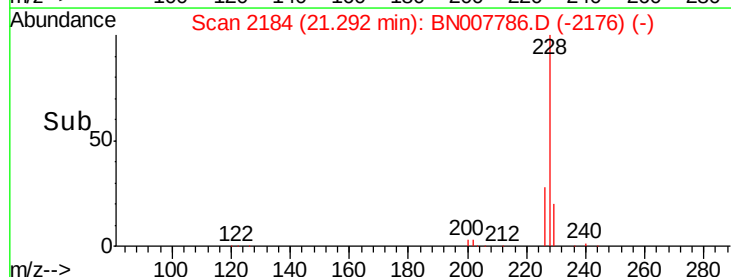
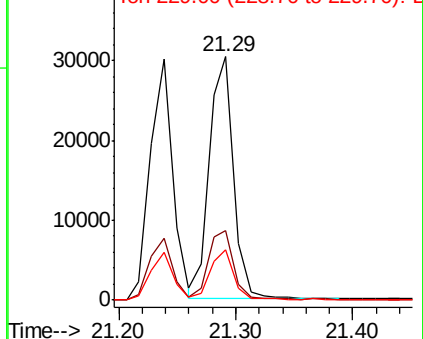


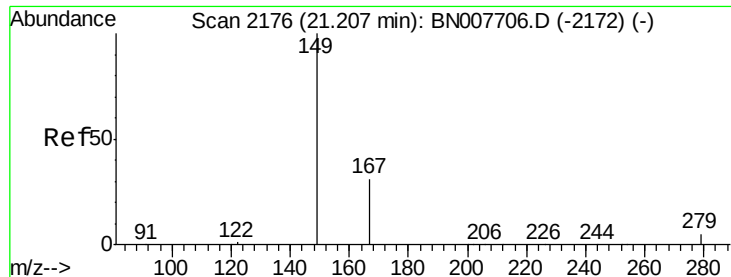
Abundance

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: 0.216 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007786.D

Acq: 21 Sep 2019 05:29

Instrument :

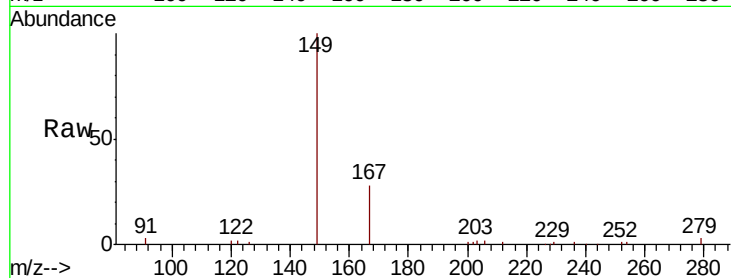
BNA_N

ClientSampleId :

RE132D2-20190916MSD

Tot Ion:149 Resp: 14647

Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.7	35.5
279	4.6	4.2	6.2

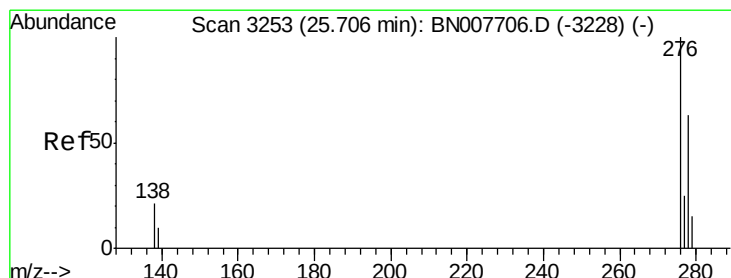
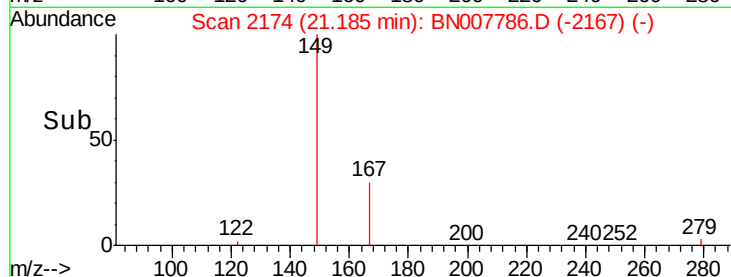
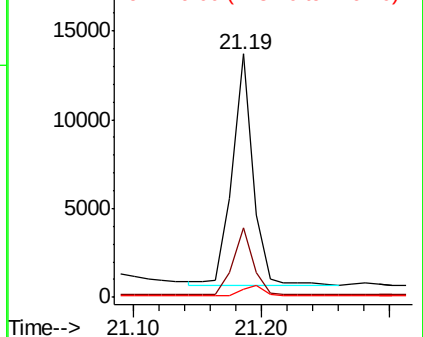


Abundance

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: 0.290 ng

RT: 25.67 min Scan# 3243

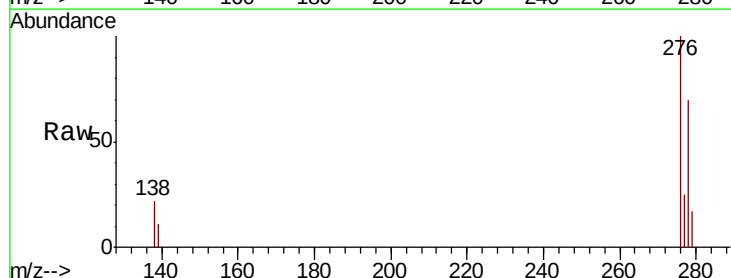
Delta R.T. -0.03 min

Lab File: BN007786.D

Acq: 21 Sep 2019 05:29

Tgt Ion:276 Resp: 46674

Ion	Ratio	Lower	Upper
276	100		
138	22.6	17.1	25.7
277	24.8	20.0	30.0

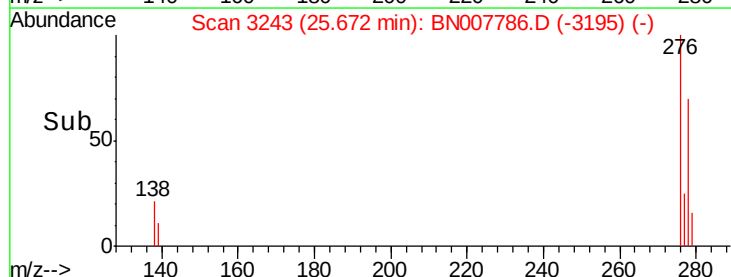
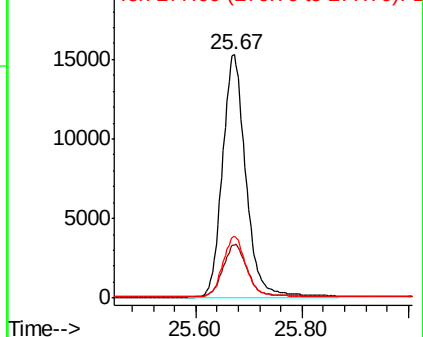


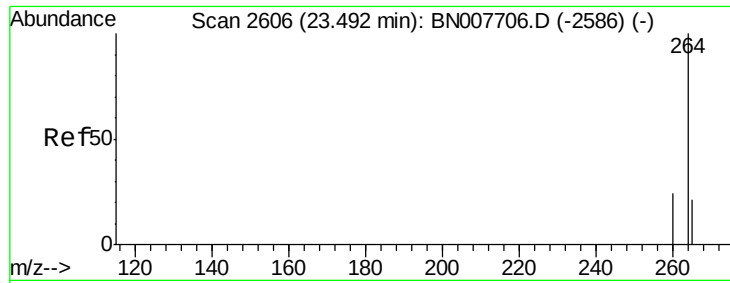
Abundance

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

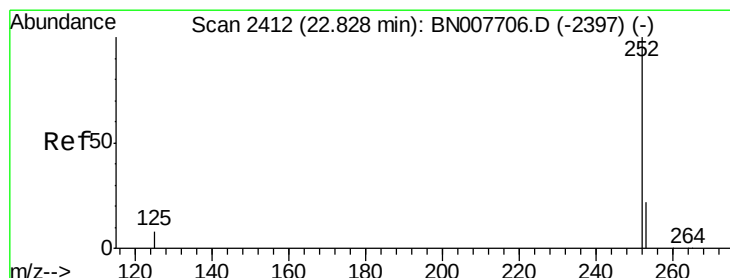
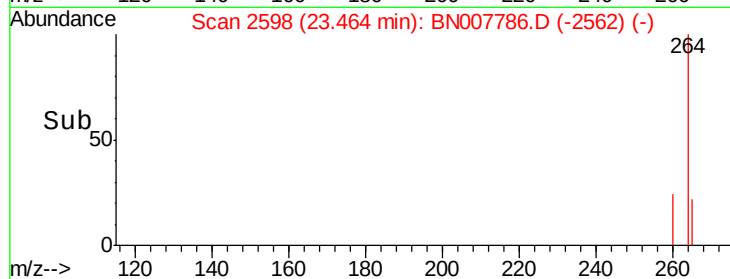
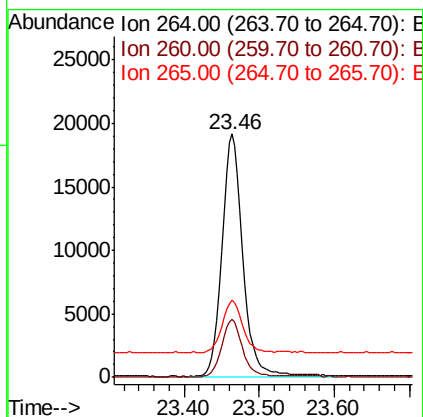
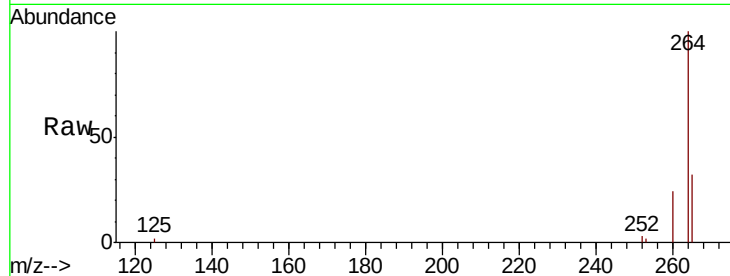




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2598
Delta R.T. -0.03 min
Lab File: BN007786.D
Acq: 21 Sep 2019 05:29

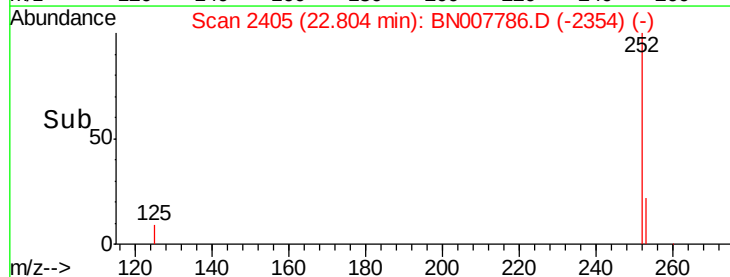
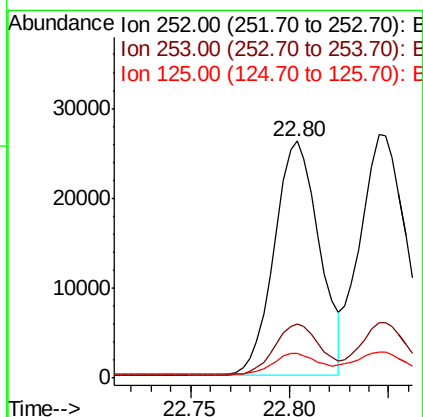
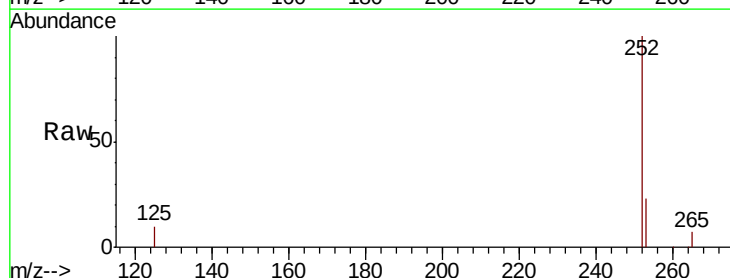
Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MSD

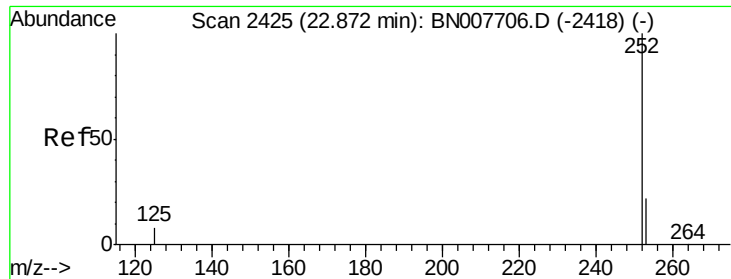
Tot Ion:264 Resp: 36551
Ion Ratio Lower Upper
264 100
260 24.0 19.3 28.9
265 31.9 26.9 40.3



#35
Benzo(b)fluoranthene
Concen: 0.326 ng
RT: 22.80 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BN007786.D
Acq: 21 Sep 2019 05:29

Tgt Ion:252 Resp: 41311
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 10.2 8.2 12.4





#36

Benzo(k)fluoranthene

Concen: 0.362 ng

RT: 22.84 min Scan# 2417

Delta R.T. -0.03 min

Lab File: BN007786.D

Acq: 21 Sep 2019 05:29

Instrument :

BNA_N

ClientSampleId :

RE132D2-20190916MSD

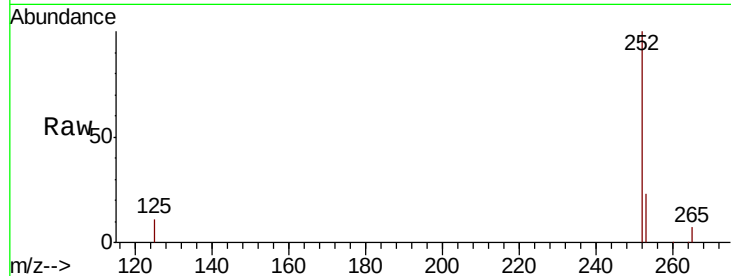
Tot Ion:252 Resp: 45452

Ion Ratio Lower Upper

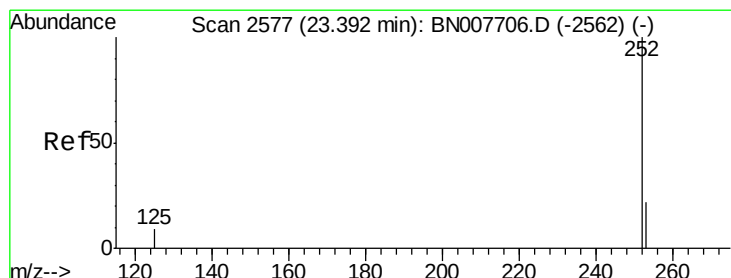
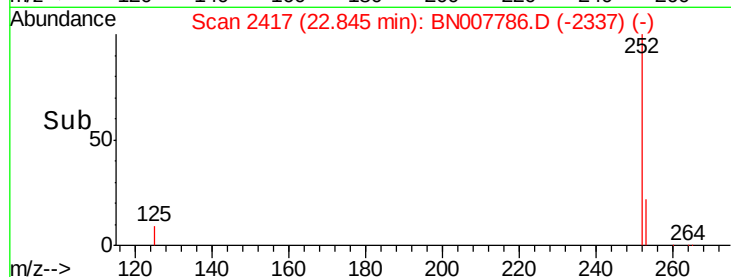
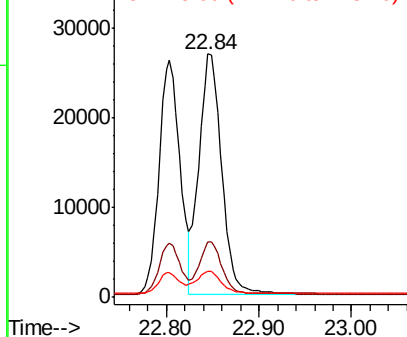
252 100

253 22.9 18.5 27.7

125 10.9 8.4 12.6



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



#37

Benzo(a)pyrene

Concen: 0.316 ng

RT: 23.37 min Scan# 2569

Delta R.T. -0.03 min

Lab File: BN007786.D

Acq: 21 Sep 2019 05:29

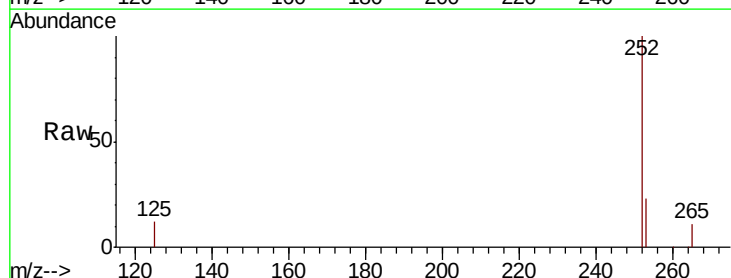
Tgt Ion:252 Resp: 37733

Ion Ratio Lower Upper

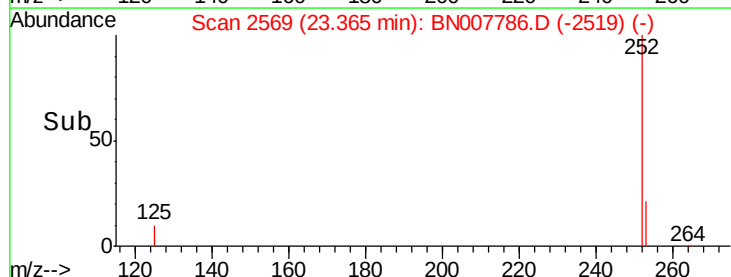
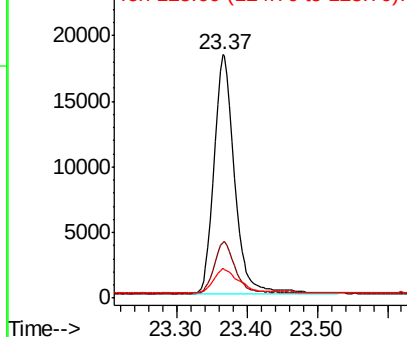
252 100

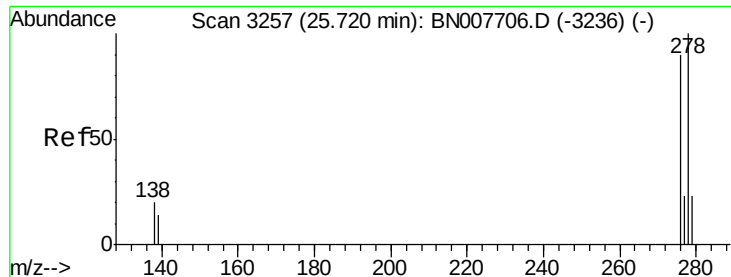
253 23.0 18.6 27.8

125 12.1 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: 0.319 ng

RT: 25.69 min Scan# 3247

Delta R.T. -0.03 min

Lab File: BN007786.D

Acq: 21 Sep 2019 05:29

Instrument :

BNA_N

ClientSampleId :

RE132D2-20190916MSD

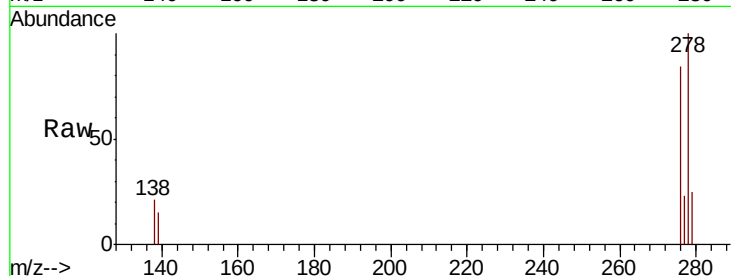
Tot Ion:278 Resp: 38972

Ion Ratio Lower Upper

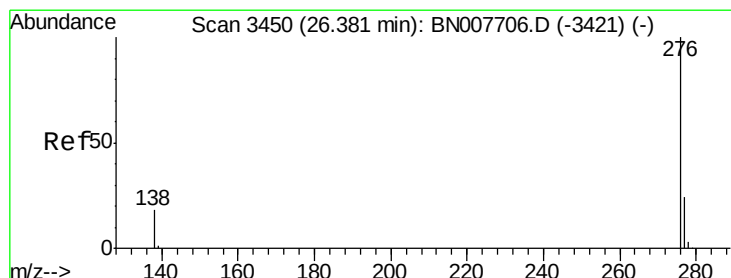
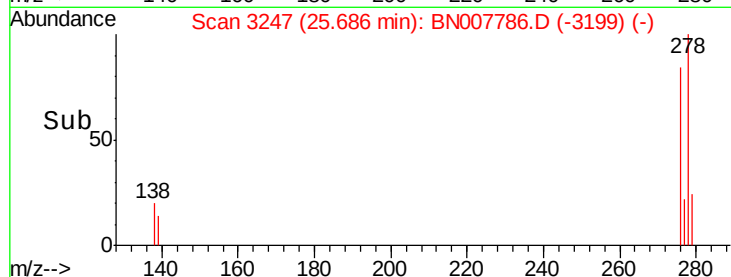
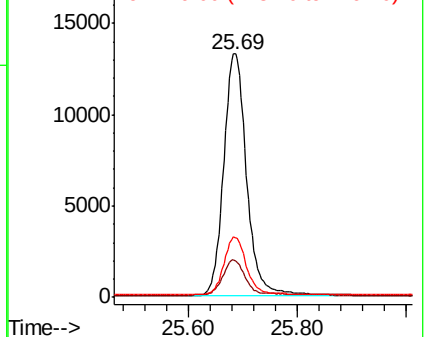
278 100

139 15.1 11.8 17.6

279 24.6 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(g,h,i)perylene

Concen: 0.325 ng

RT: 26.34 min Scan# 3439

Delta R.T. -0.04 min

Lab File: BN007786.D

Acq: 21 Sep 2019 05:29

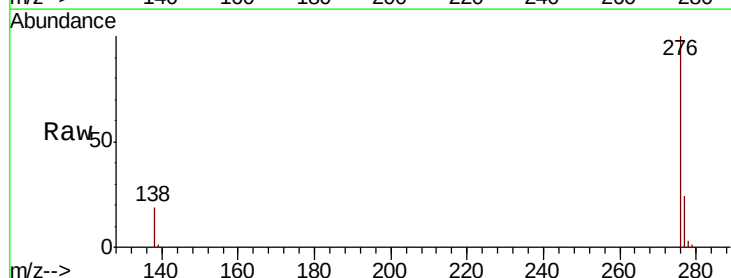
Tgt Ion:276 Resp: 39200

Ion Ratio Lower Upper

276 100

277 23.9 19.8 29.8

138 19.3 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

