

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
 Data File : BN007710.D
 Acq On : 18 Sep 2019 17:47
 Operator : HP/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 18 18:22:04 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 16:39:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	5400	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	23129	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	13758	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	33040	0.40	ng	0.00
27) Chrysene-d12	21.27	240	37146	0.40	ng	0.00
34) Perylene-d12	23.49	264	38034	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.32	112	85103	5.18	ng	0.00
5) Phenol-d6	6.87	99	116613	4.62	ng	0.00
8) Nitrobenzene-d5	8.83	82	109179	7.75	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	211658	5.30	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	39900	7.63	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	295394	5.19	ng	0.00
25) Fluoranthene-d10	19.10	212	588088	5.48	ng	0.00
29) Terphenyl-d14	19.71	244	482314	4.99	ng	0.00

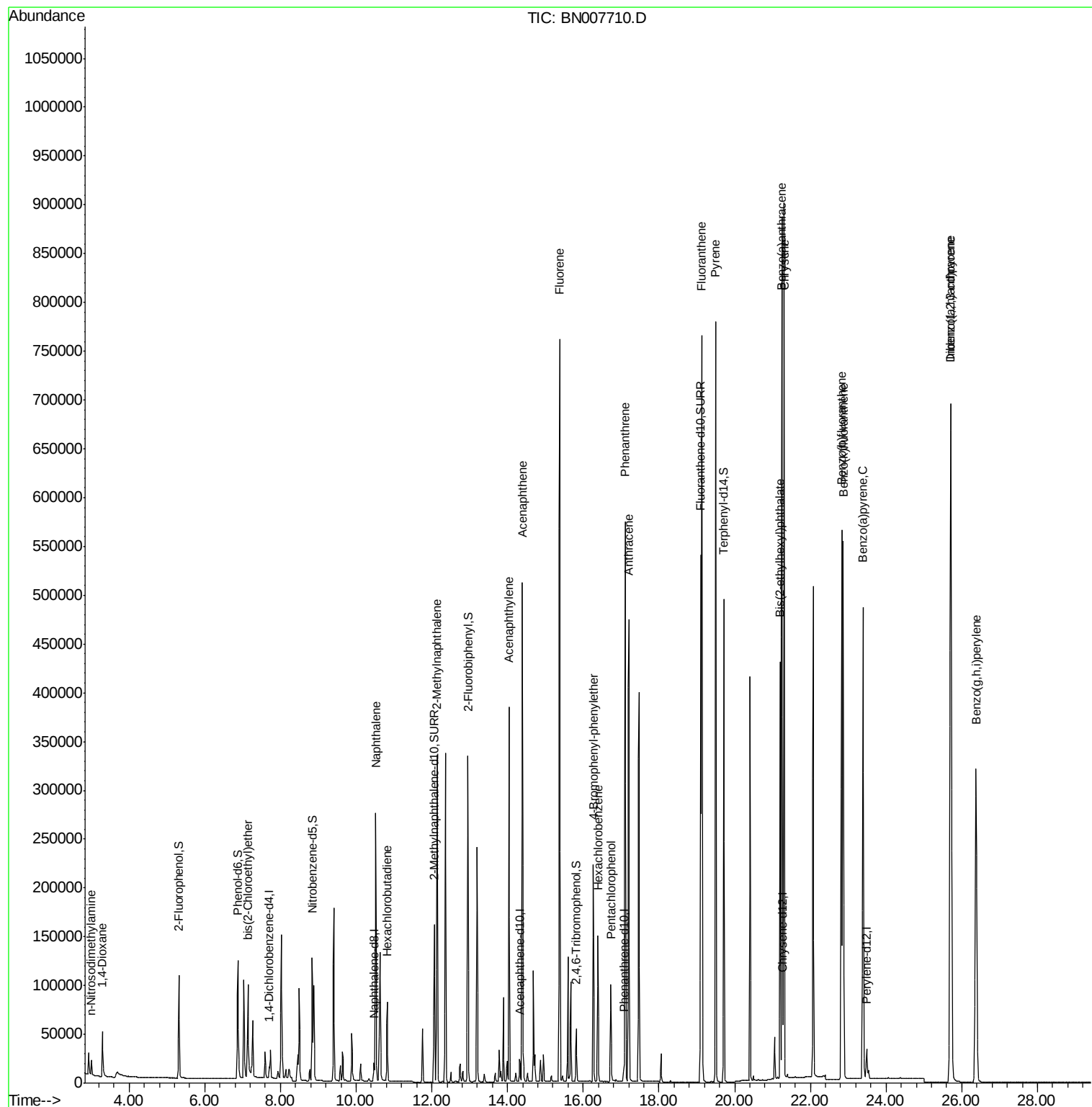
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	37258	6.541	ng	91
3) n-Nitrosodimethylamine	3.01	42	1750	0.543	ng	# 90
6) bis(2-Chloroethyl)ether	7.14	93	91758	8.615	ng	92
9) Naphthalene	10.52	128	336418	5.171	ng	99
10) Hexachlorobutadiene	10.82	225	68745	5.270	ng	# 100
12) 2-Methylnaphthalene	12.13	142	238096	5.221	ng	99
16) Acenaphthylene	14.04	152	406415	5.500	ng	100
17) Acenaphthene	14.39	154	257100	5.508	ng	98
18) Fluorene	15.38	166	325920	5.303	ng	99
20) 4-Bromophenyl-phenylether	16.27	248	107505	5.503	ng	93
21) Hexachlorobenzene	16.39	284	113685	5.532	ng	99
22) Pentachlorophenol	16.73	266	50461	8.834	ng	98
23) Phenanthrene	17.11	178	540496	5.300	ng	100
24) Anthracene	17.20	178	511489	5.437	ng	100
26) Fluoranthene	19.13	202	664147	5.367	ng	100
28) Pyrene	19.50	202	672738	5.039	ng	100
30) Benzo(a)anthracene	21.25	228	717800	5.401	ng	98
31) Chrysene	21.30	228	704700	5.218	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	354584	7.795	ng	99
33) Indeno(1,2,3-cd)pyrene	25.70	276	799359	5.599	ng	100
35) Benzo(b)fluoranthene	22.83	252	711736	5.263	ng	97
36) Benzo(k)fluoranthene	22.87	252	682499	5.107	ng	97
37) Benzo(a)pyrene	23.39	252	657655	5.469	ng	96
38) Dibenzo(a,h)anthracene	25.72	278	651714	5.398	ng	98
39) Benzo(g,h,i)perylene	26.38	276	649163	5.310	ng	98

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

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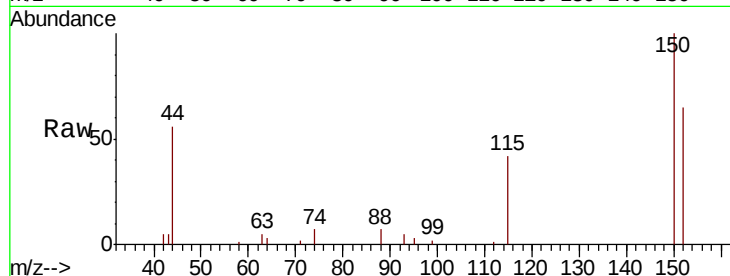


#1

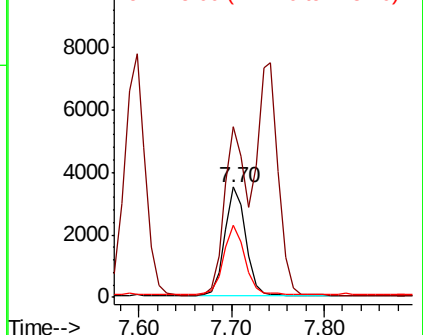
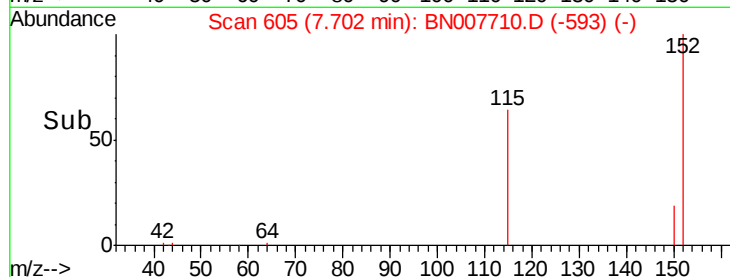
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. 0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 5400
Ion Ratio Lower Upper
152 100
150 155.0 125.6 188.4
115 65.7 53.3 79.9



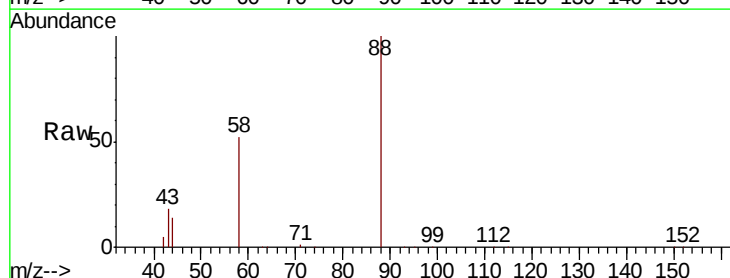
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



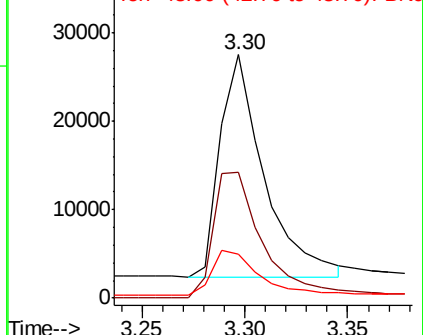
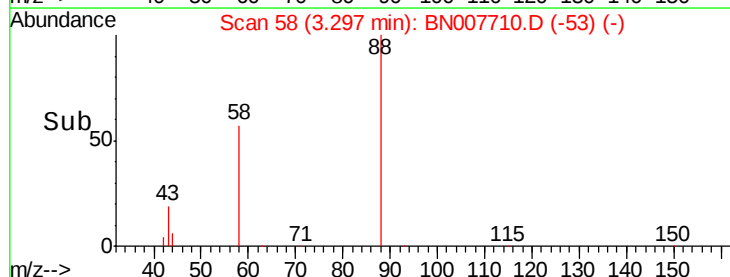
#2

1,4-Dioxane
Concen: 6.541 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion: 88 Resp: 37258
Ion Ratio Lower Upper
88 100
58 62.9 44.6 66.8
43 21.4 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

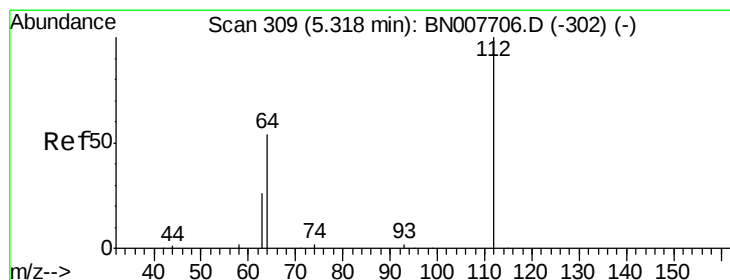
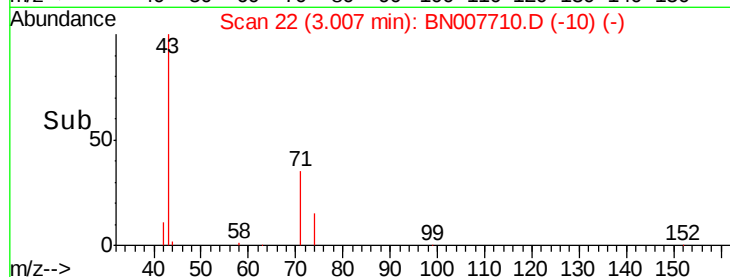
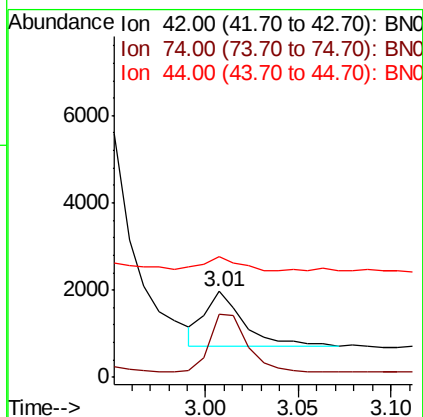
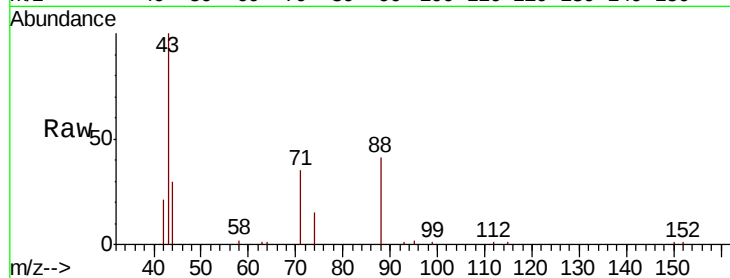




#3
n-Nitrosodimethylamine
Concen: 0.543 ng
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

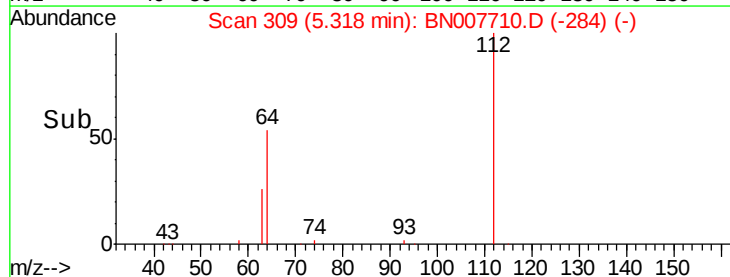
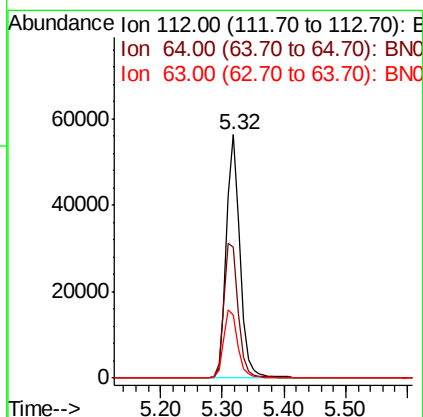
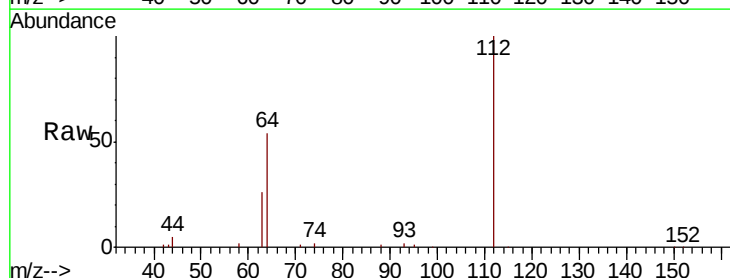
Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 1750
Ion Ratio Lower Upper
42 100
74 103.6 87.9 131.9
44 24.7 29.4 44.0#



#4
2-Fluorophenol
Concen: 5.175 ng
RT: 5.32 min Scan# 309
Delta R.T. 0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion: 112 Resp: 85103
Ion Ratio Lower Upper
112 100
64 59.6 46.6 70.0
63 29.5 23.1 34.7





#5

Phenol-d6

Concen: 4.620 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

Instrument :

BNA_E

ClientSampled :

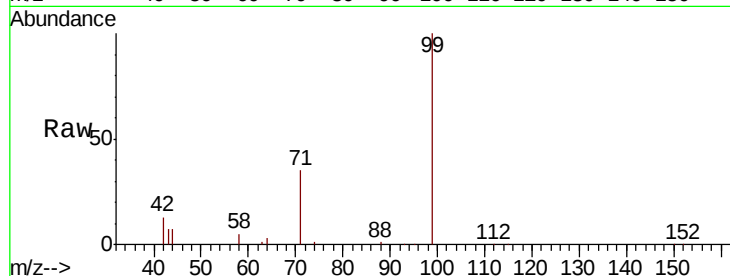
Tot Ion: 99 Resp: 116613

Ion Ratio Lower Upper

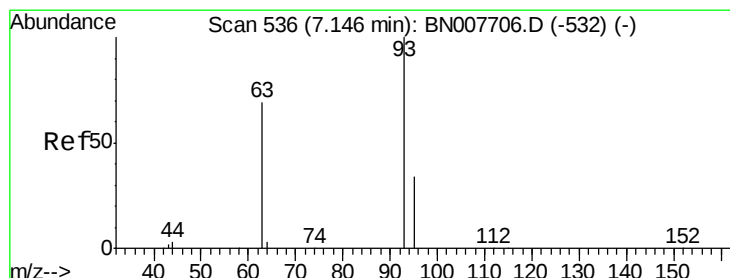
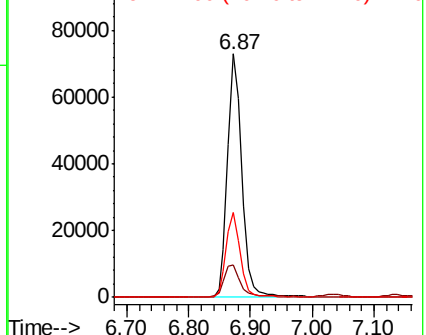
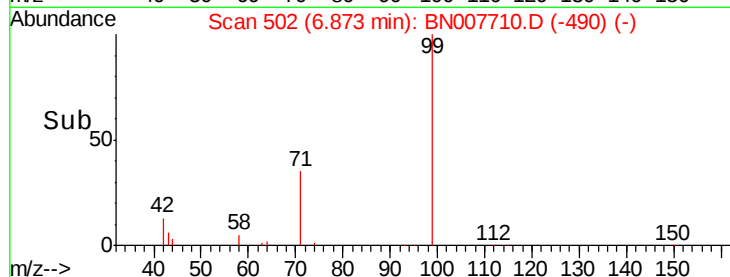
99 100

42 14.5 12.8 19.2

71 34.7 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: 8.615 ng

RT: 7.14 min Scan# 535

Delta R.T. -0.01 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

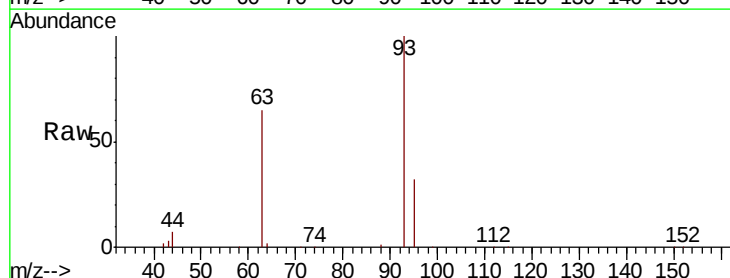
Tgt Ion: 93 Resp: 91758

Ion Ratio Lower Upper

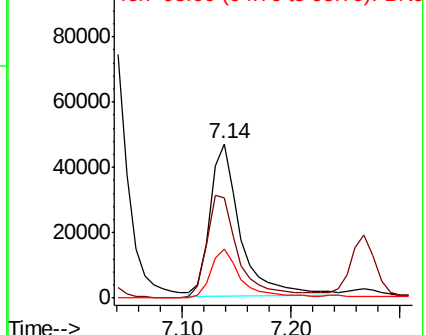
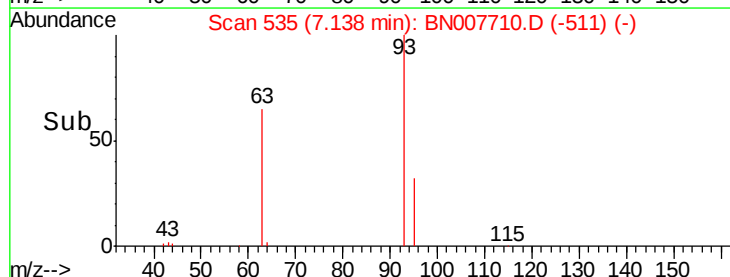
93 100

63 68.8 59.3 88.9

95 31.5 31.4 47.0



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 23129

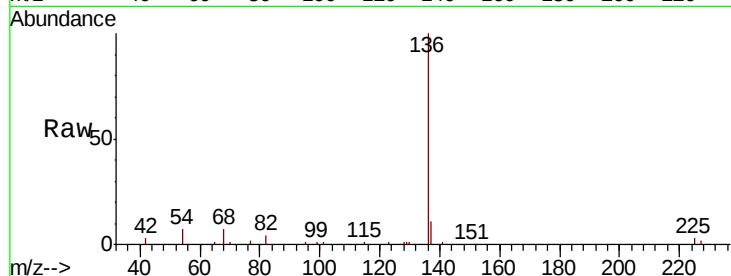
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 6.7 5.8 8.8

68 7.1 6.5 9.7

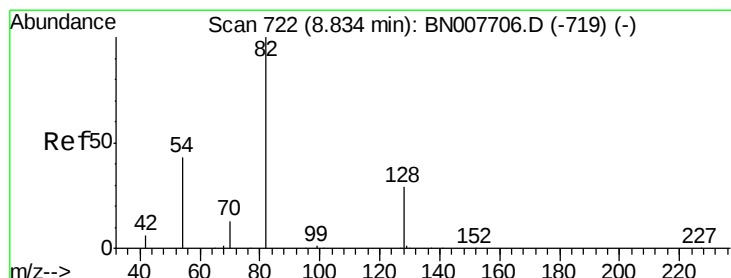
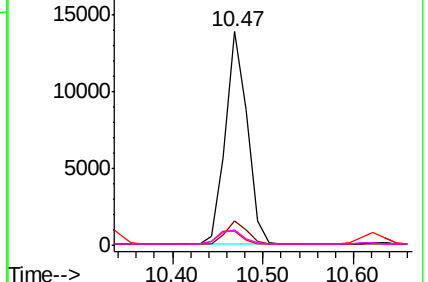
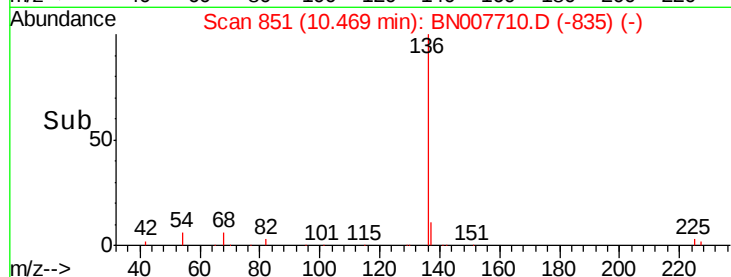


Abundance Ion 136.00 (135.70 to 136.70): E

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: 7.749 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

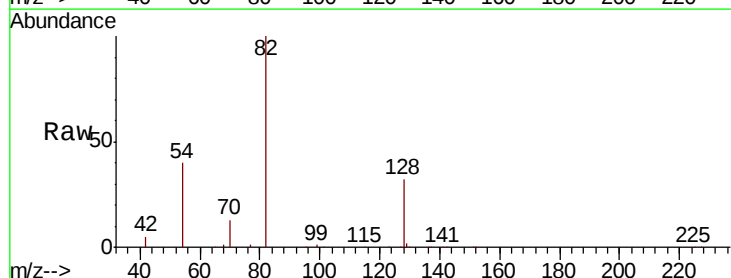
Tgt Ion: 82 Resp: 109179

Ion Ratio Lower Upper

82 100

128 32.4 24.5 36.7

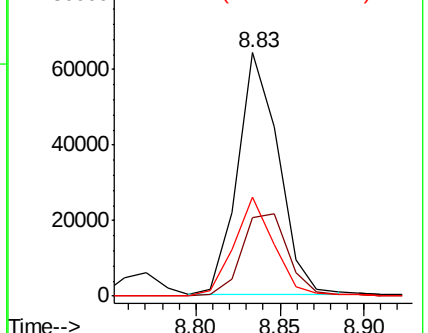
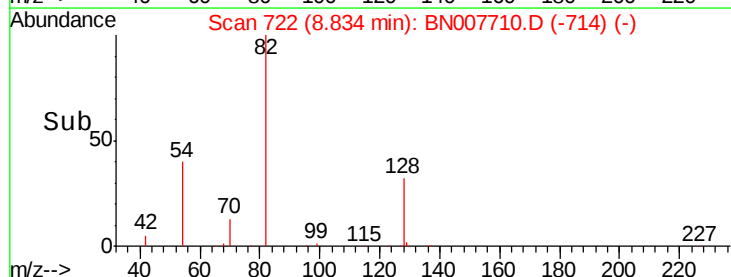
54 40.5 35.2 52.8



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: 5.171 ng

RT: 10.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

Instrument :

BNA_E

ClientSampleId :

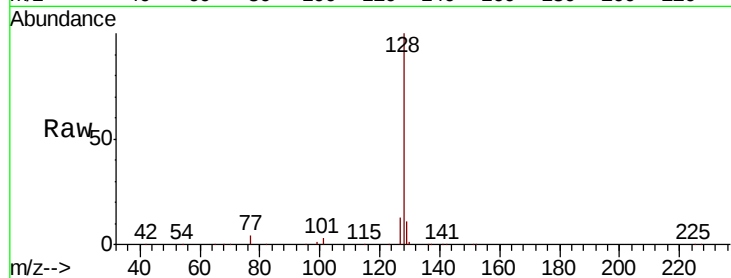
Tot Ion:128 Resp: 336418

Ion Ratio Lower Upper

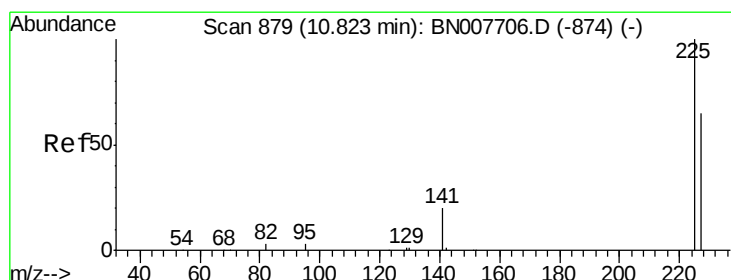
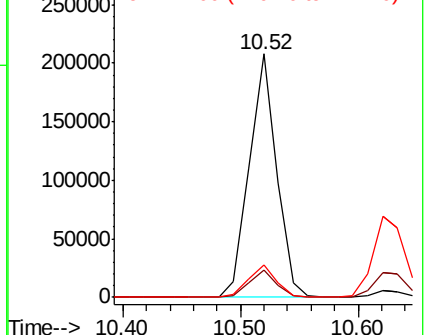
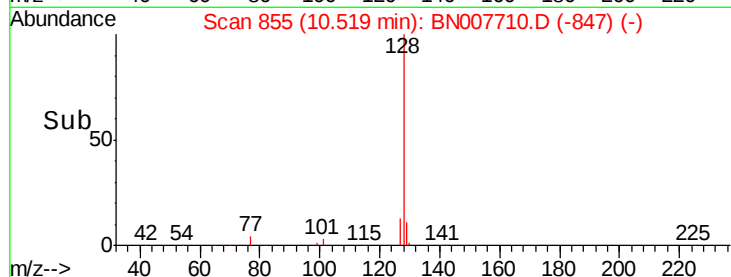
128 100

129 11.0 9.1 13.7

127 13.1 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: 5.270 ng

RT: 10.82 min Scan# 879

Delta R.T. 0.00 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

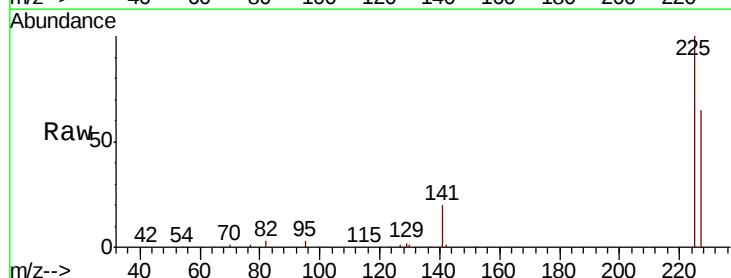
Tgt Ion:225 Resp: 68745

Ion Ratio Lower Upper

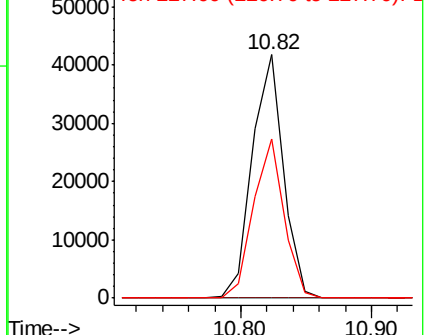
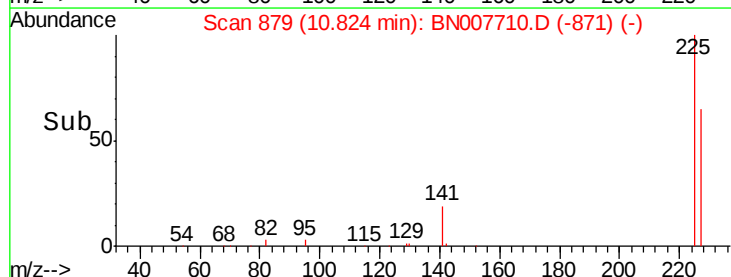
225 100

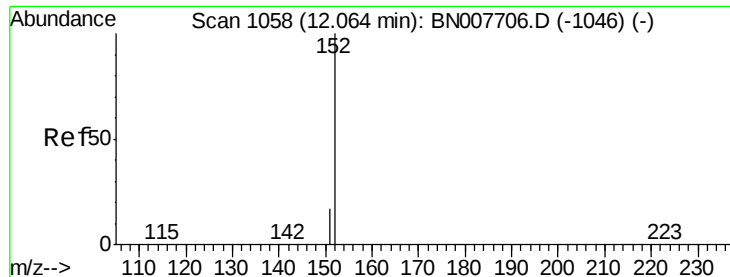
223 0.0 0.0 0.0

227 63.8 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

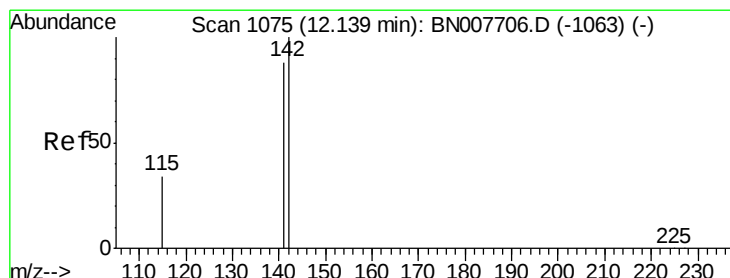
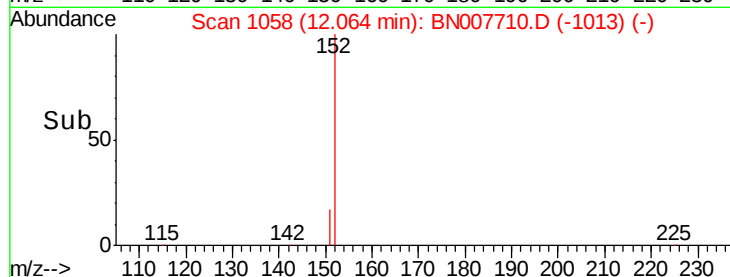
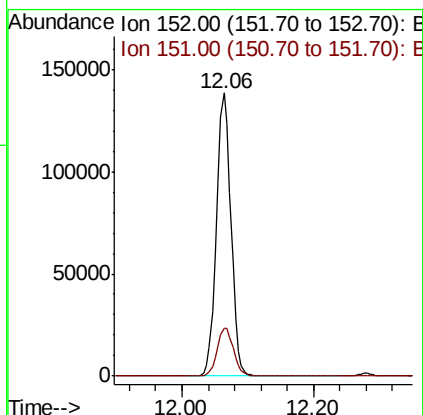
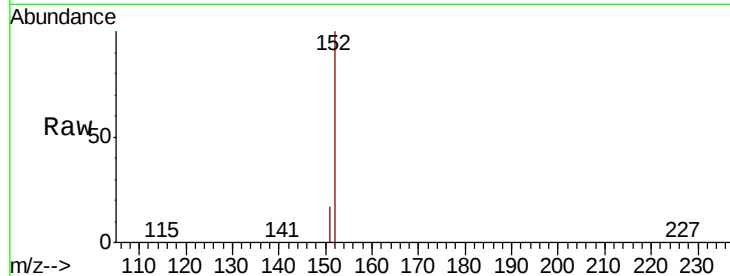




#11
 2-Methylnaphthalene-d10
 Concen: 5.302 ng
 RT: 12.06 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BN007710.D
 Acq: 18 Sep 2019 17:47

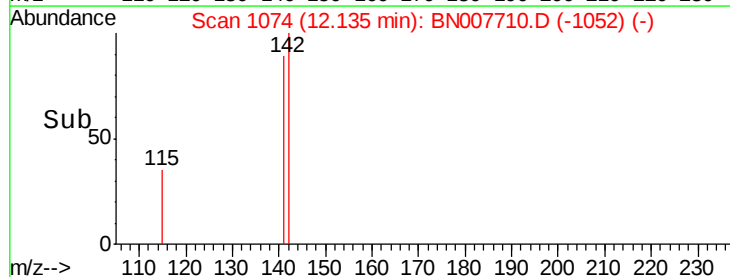
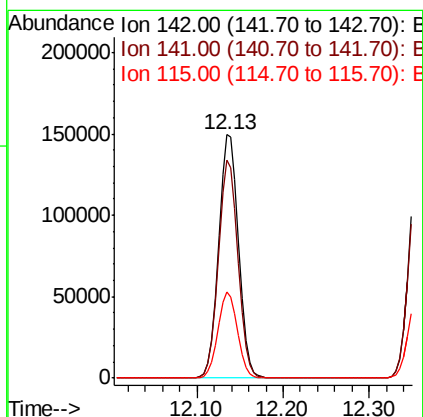
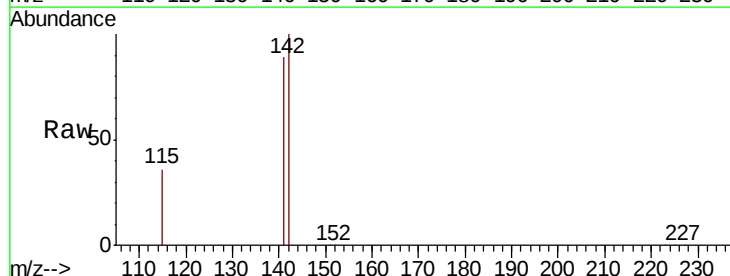
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 211658
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 5.221 ng
 RT: 12.13 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: BN007710.D
 Acq: 18 Sep 2019 17:47

Tgt Ion:142 Resp: 238096
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.6 106.0
 115 35.5 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

Instrument :

BNA_E

ClientSampleId :

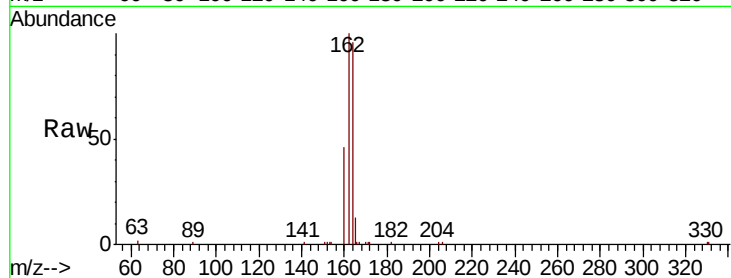
Tot Ion:164 Resp: 13758

Ion Ratio Lower Upper

164 100

162 103.8 81.7 122.5

160 47.9 37.0 55.4

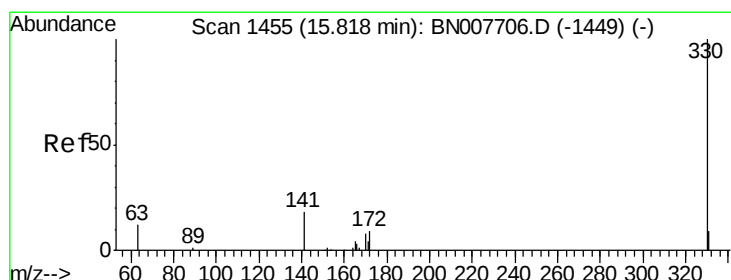
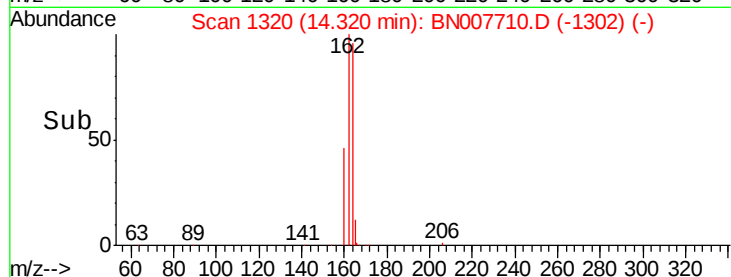
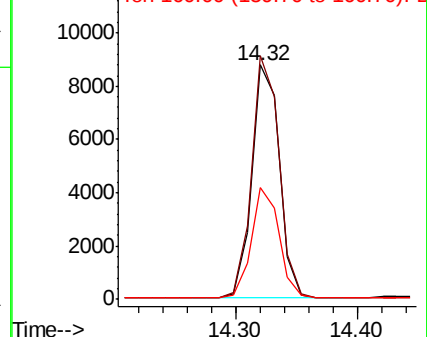


Abundance

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: 7.632 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

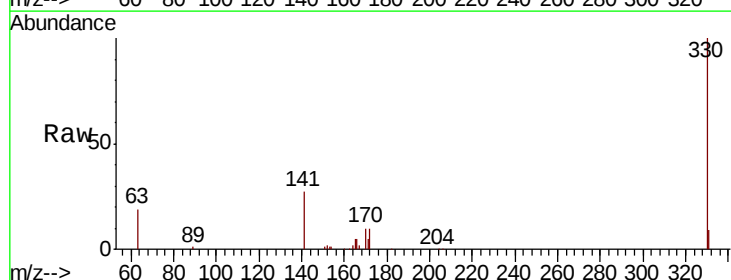
Tgt Ion:330 Resp: 39900

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 34.6 28.7 43.1

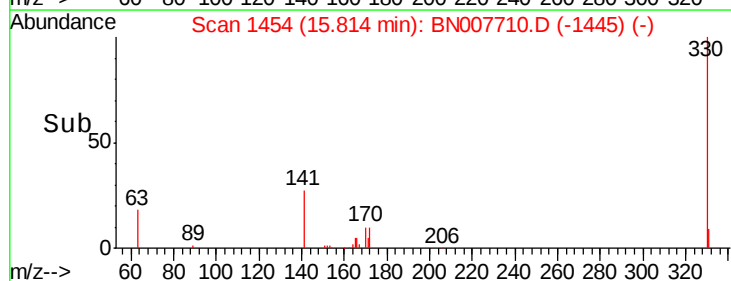
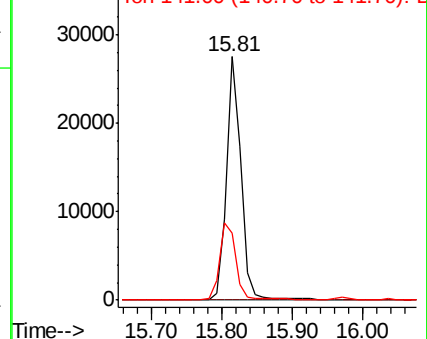


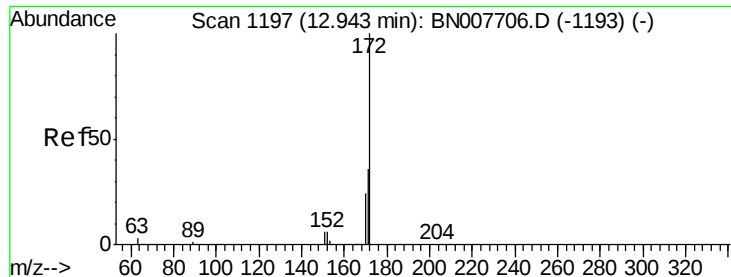
Abundance

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

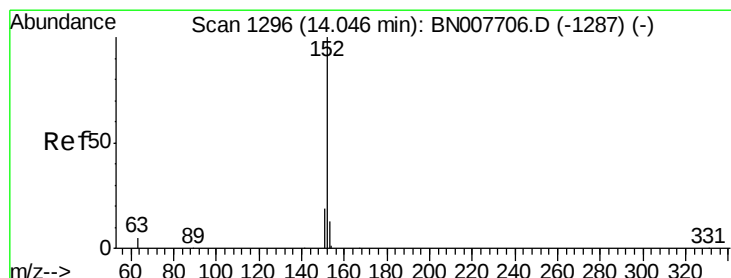
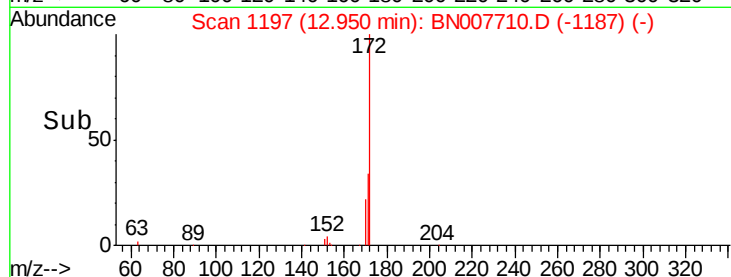
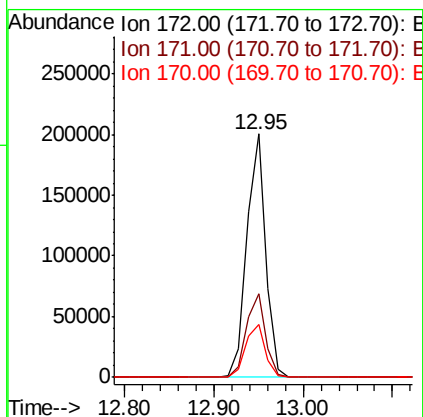
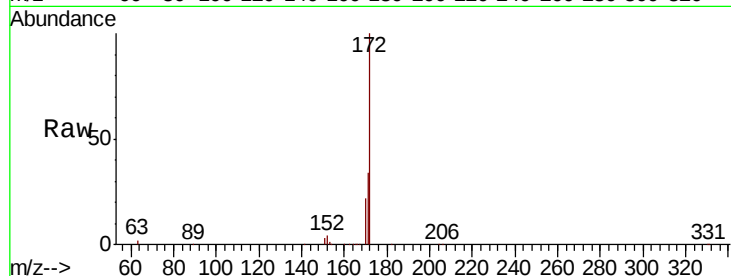




#15
2-Fluorobiphenyl
Concen: 5.194 ng
RT: 12.95 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

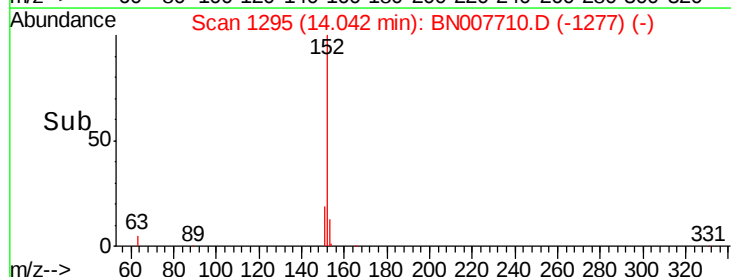
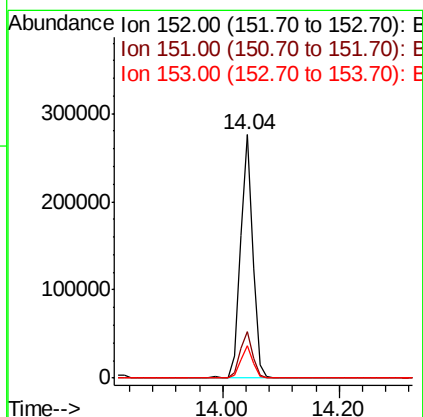
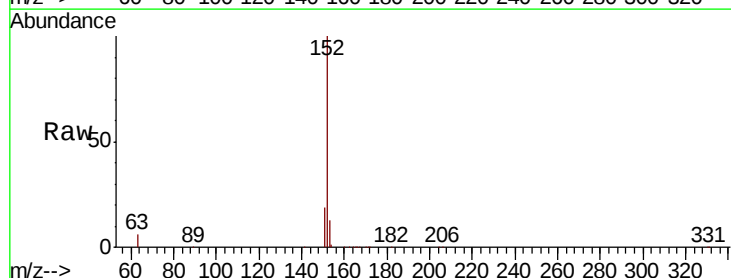
Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.8	43.2
170	21.9	19.5	29.3



#16
Acenaphthylene
Concen: 5.500 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.1	10.4	15.6





#17

Acenaphthene

Concen: 5.508 ng

RT: 14.39 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

Instrument :

BNA_E

ClientSampled :

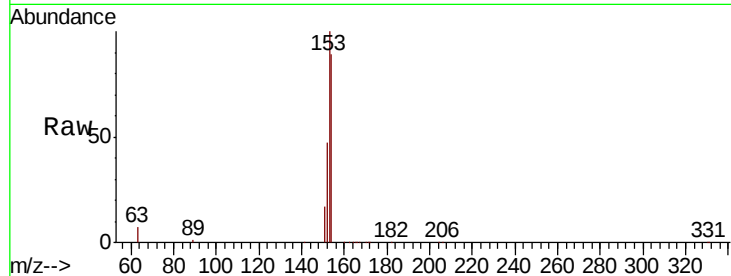
Tot Ion:154 Resp: 257100

Ion Ratio Lower Upper

154 100

153 106.8 87.0 130.4

152 51.2 42.7 64.1

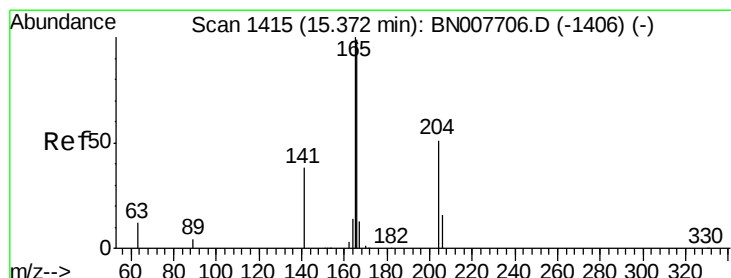
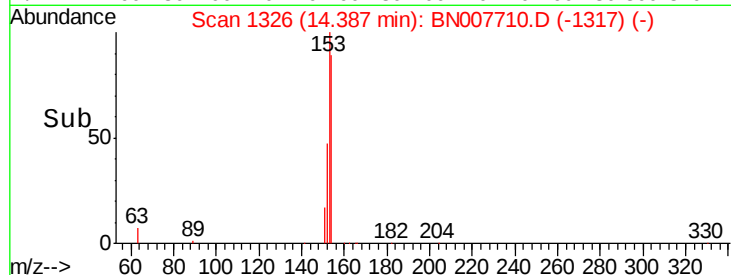
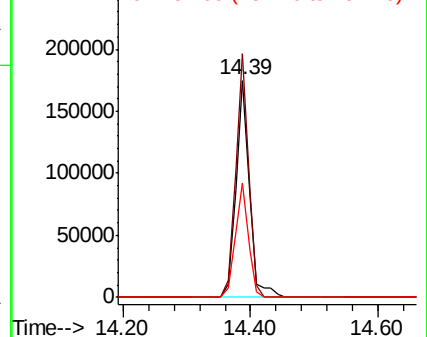


Abundance

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: 5.303 ng

RT: 15.38 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

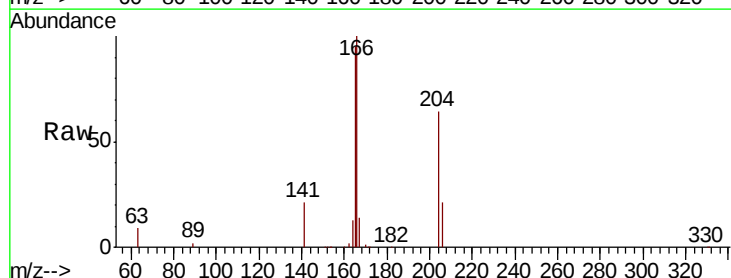
Tgt Ion:166 Resp: 325920

Ion Ratio Lower Upper

166 100

165 96.8 78.0 117.0

167 13.5 10.9 16.3

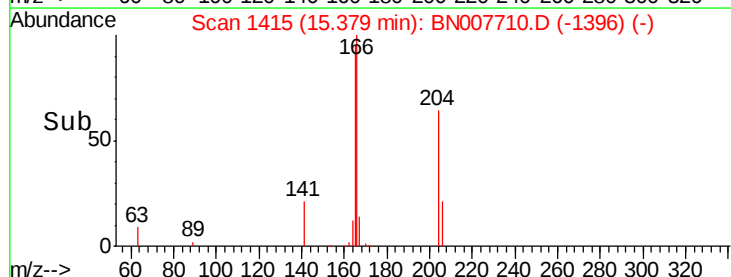
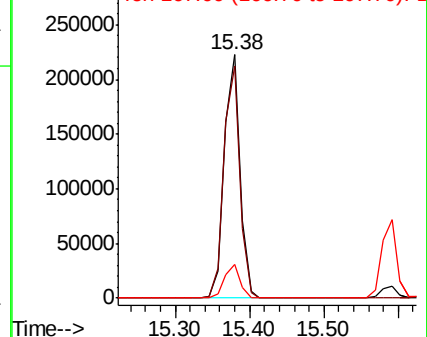


Abundance

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: 17.07 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

Instrument :

BNA_E

ClientSampleId :

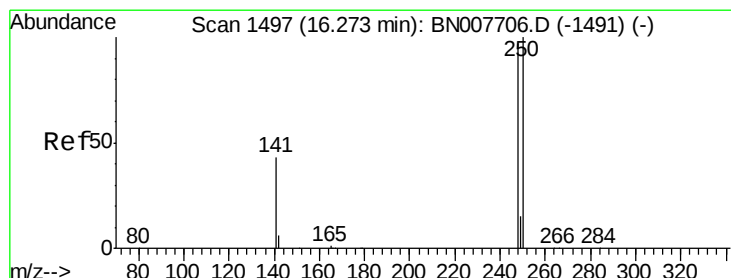
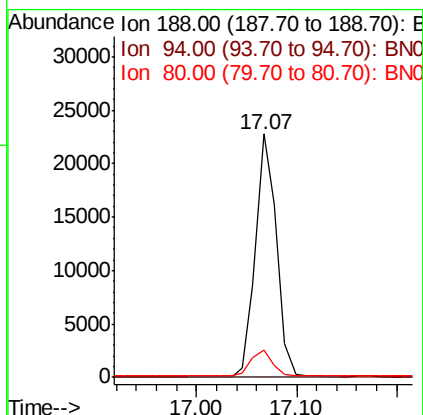
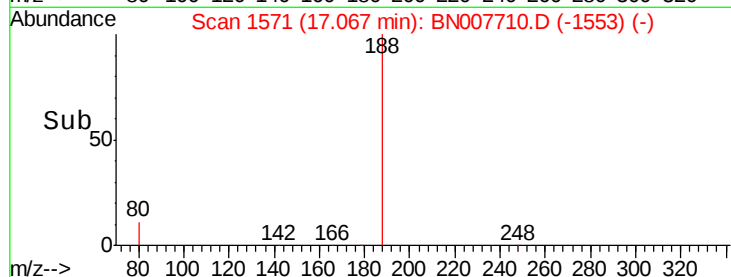
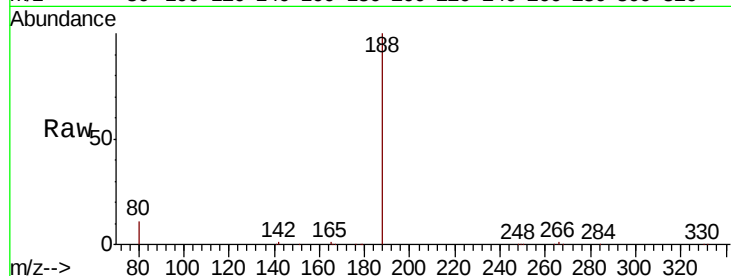
Tot Ion:188 Resp: 33040

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.4 7.4 11.2#



#20

4-Bromophenyl-phenylether

Concen: 5.503 ng

RT: 16.27 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

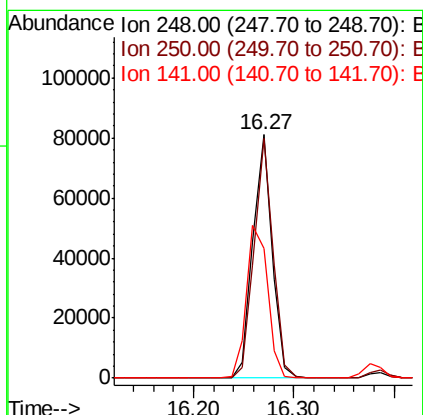
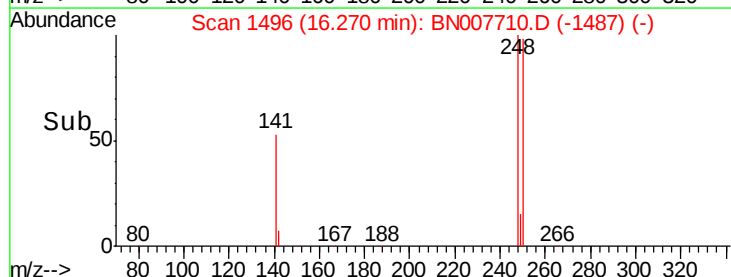
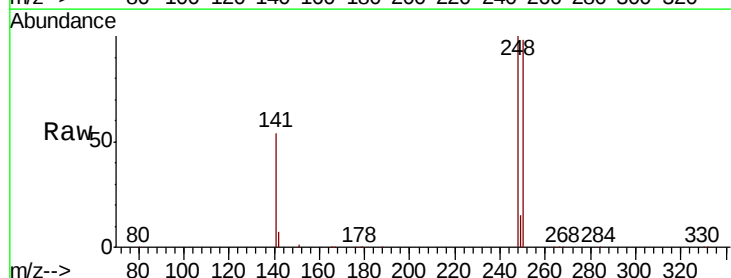
Tgt Ion:248 Resp: 107505

Ion Ratio Lower Upper

248 100

250 98.3 82.2 123.4

141 53.5 36.3 54.5





#21

Hexachlorobenzene

Concen: 5.532 ng

RT: 16.39 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

Instrument :

BNA_E

ClientSampleId :

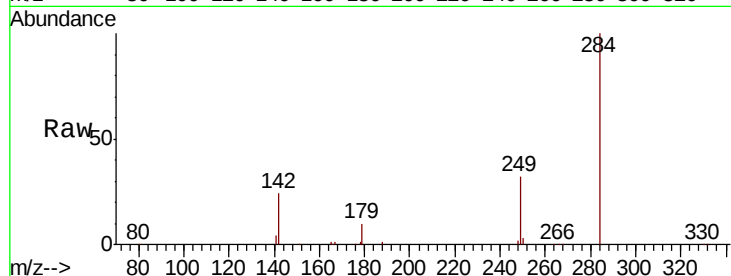
Tot Ion:284 Resp: 113685

Ion Ratio Lower Upper

284 100

142 32.6 25.8 38.6

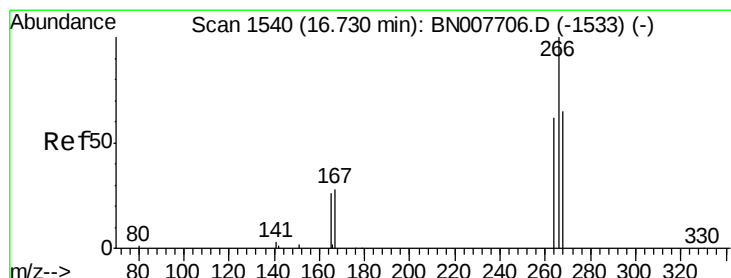
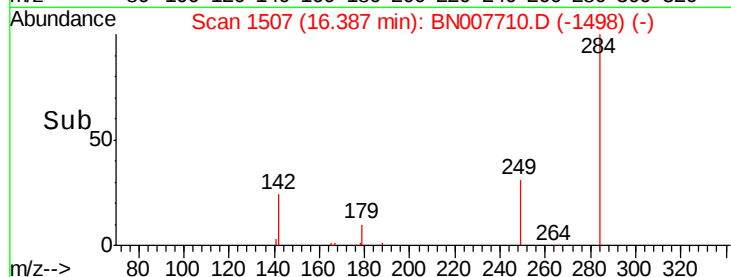
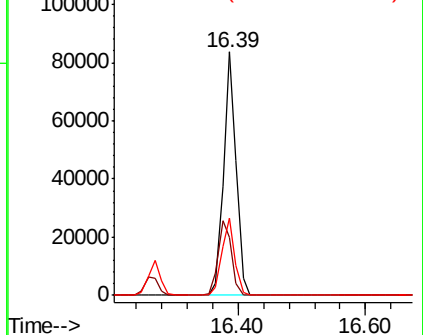
249 32.0 25.9 38.9



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: 8.834 ng

RT: 16.73 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

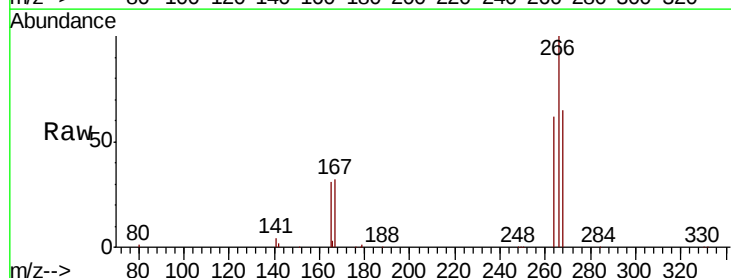
Tgt Ion:266 Resp: 50461

Ion Ratio Lower Upper

266 100

264 62.1 50.0 75.0

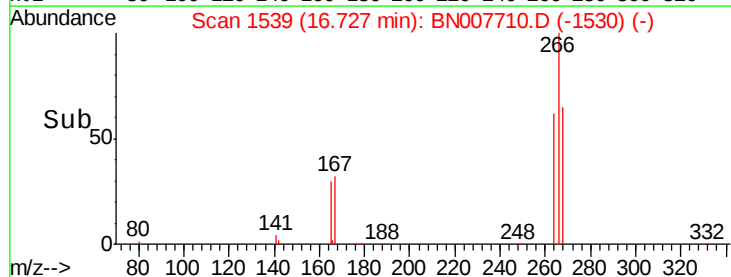
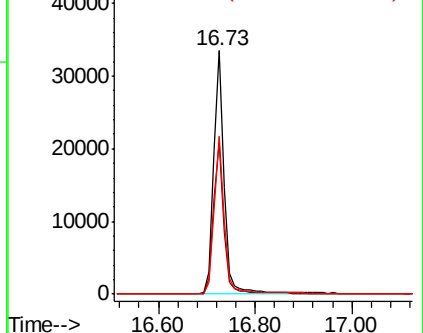
268 64.7 54.2 81.4

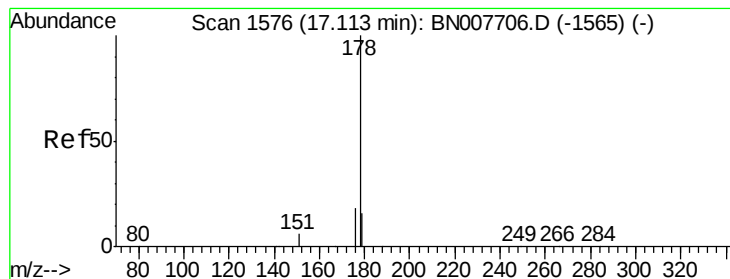


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.300 ng

RT: 17.11 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

Instrument :

BNA_E

ClientSampled :

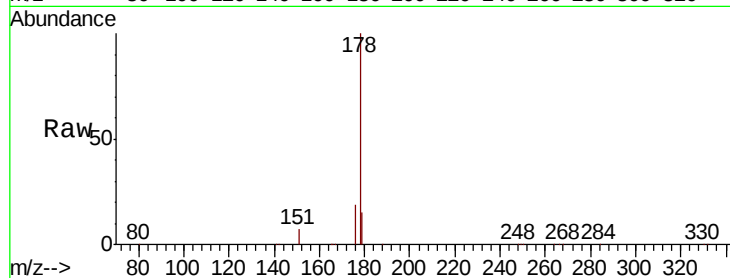
Tot Ion:178 Resp: 540496

Ion Ratio Lower Upper

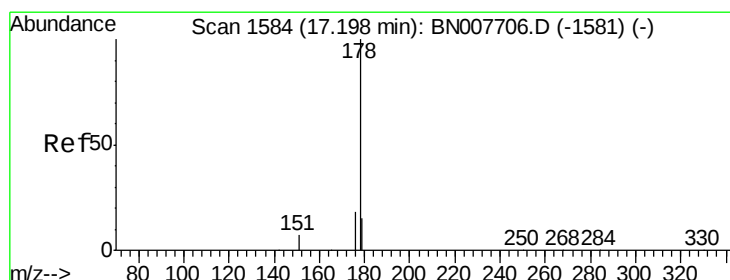
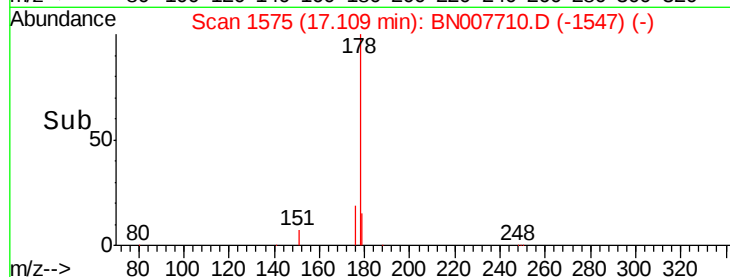
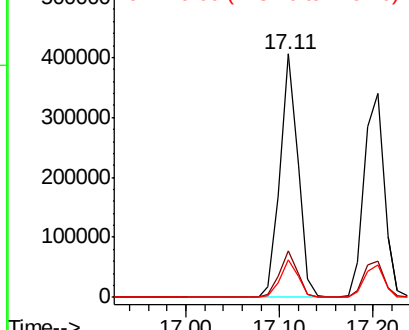
178 100

176 18.7 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: 5.437 ng

RT: 17.20 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

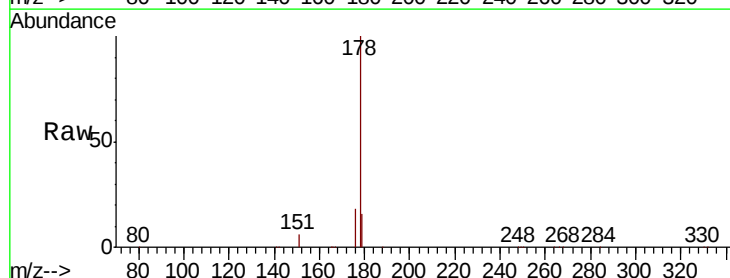
Tgt Ion:178 Resp: 511489

Ion Ratio Lower Upper

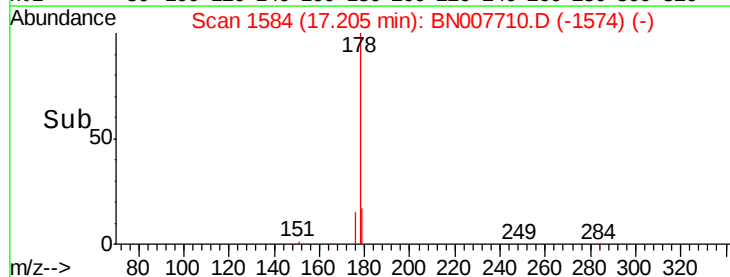
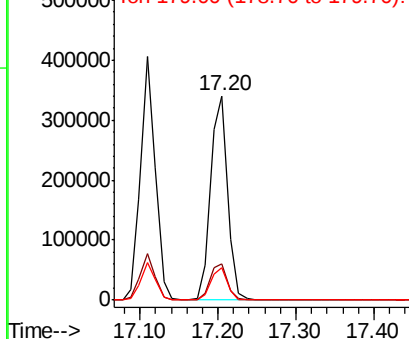
178 100

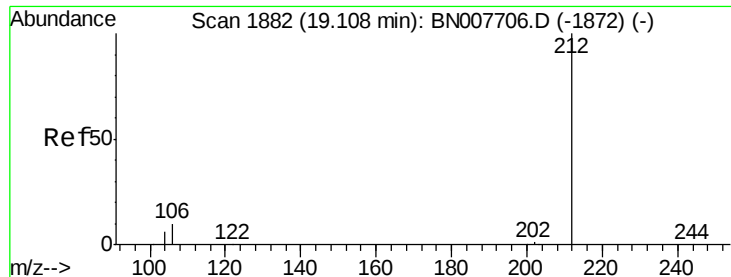
176 18.1 14.6 21.8

179 15.5 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

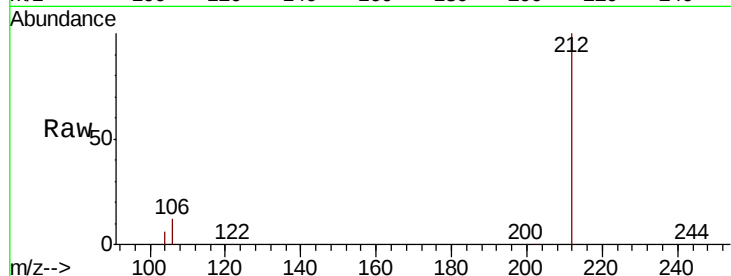




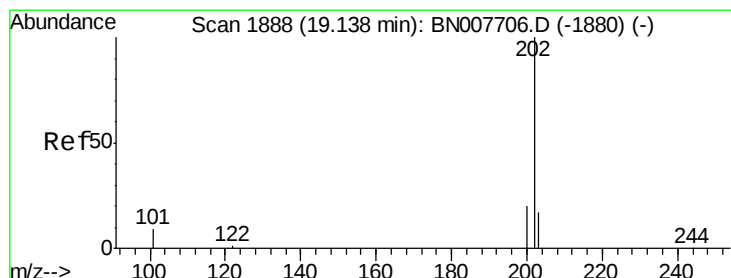
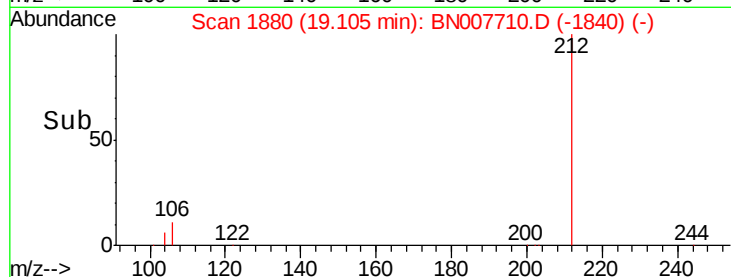
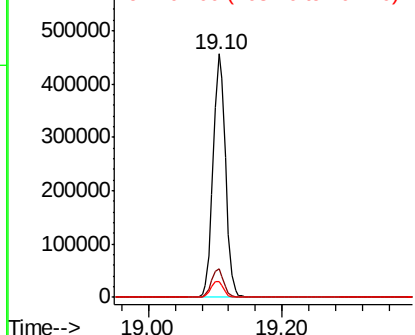
#25
 Fluoranthene-d10
 Concen: 5.479 ng
 RT: 19.10 min Scan# 1880
 Delta R.T. -0.00 min
 Lab File: BN007710.D
 Acq: 18 Sep 2019 17:47

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 588088
 Ion Ratio Lower Upper
 212 100
 106 11.7 9.4 14.0
 104 6.6 5.3 7.9

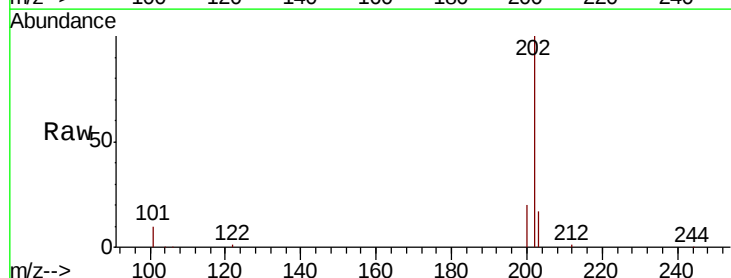


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

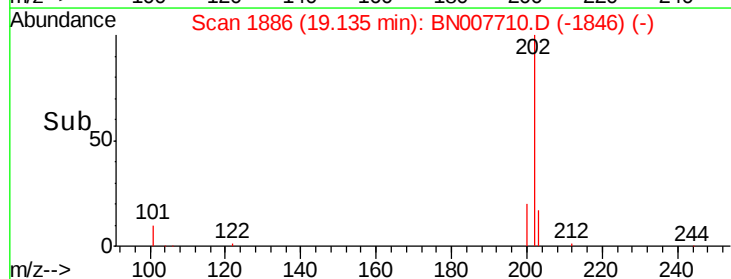
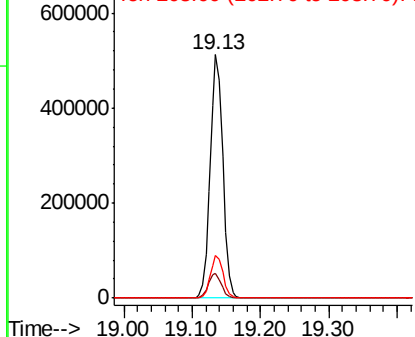


#26
 Fluoranthene
 Concen: 5.367 ng
 RT: 19.13 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: BN007710.D
 Acq: 18 Sep 2019 17:47

Tgt Ion:202 Resp: 664147
 Ion Ratio Lower Upper
 202 100
 101 10.6 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: 21.27 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

Instrument :

BNA_E

ClientSampleId :

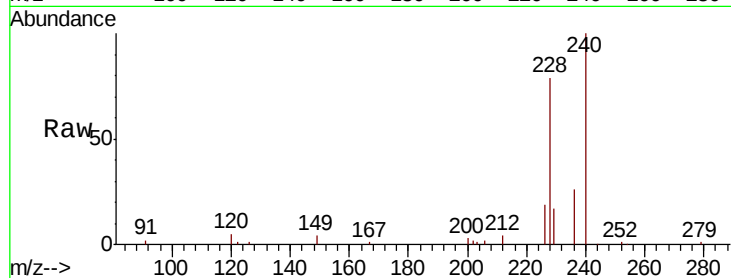
Tot Ion:240 Resp: 37146

Ion Ratio Lower Upper

240 100

120 4.6 5.4 8.2#

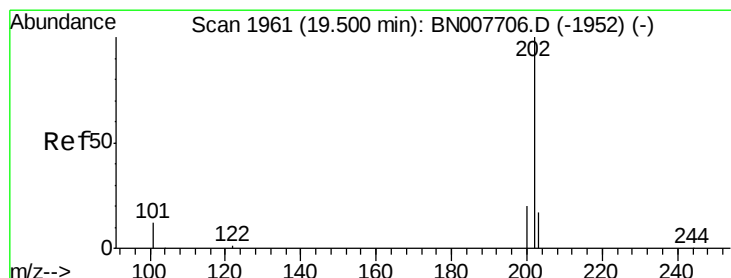
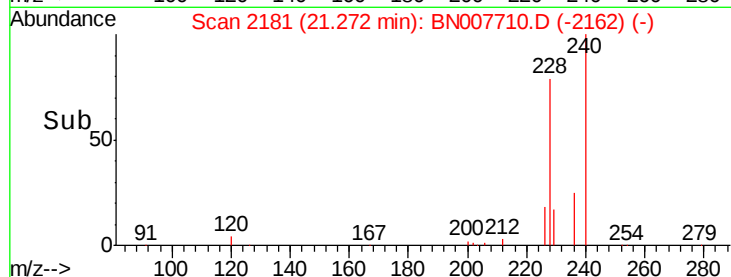
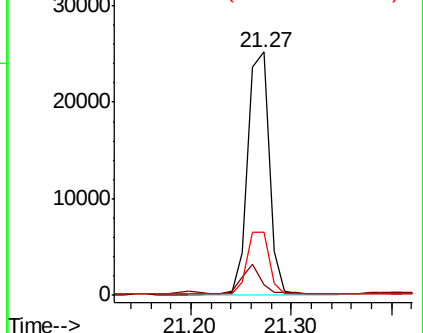
236 25.8 21.0 31.4



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: 5.039 ng

RT: 19.50 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

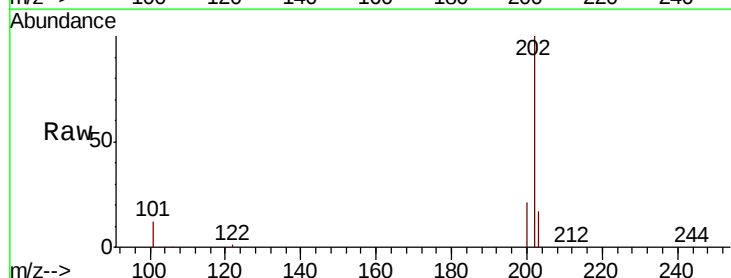
Tgt Ion:202 Resp: 672738

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

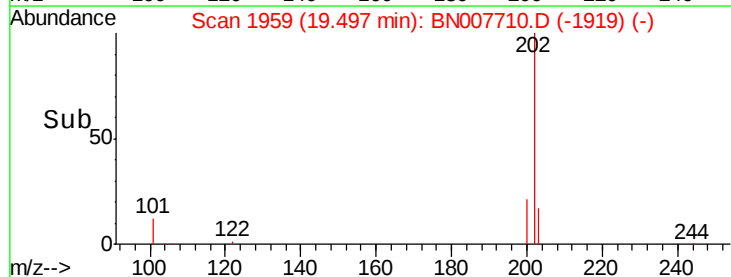
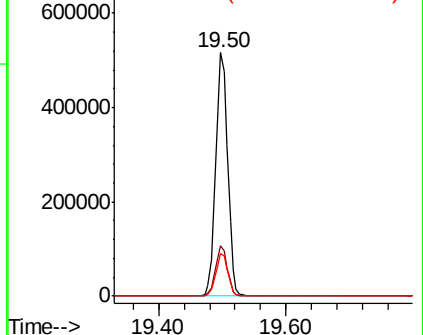
203 17.6 14.1 21.1



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: 4.991 ng

RT: 19.71 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

Instrument :

BNA_E

ClientSampled :

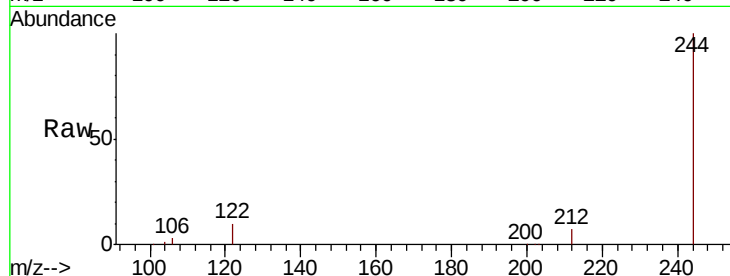
Tot Ion:244 Resp: 482314

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

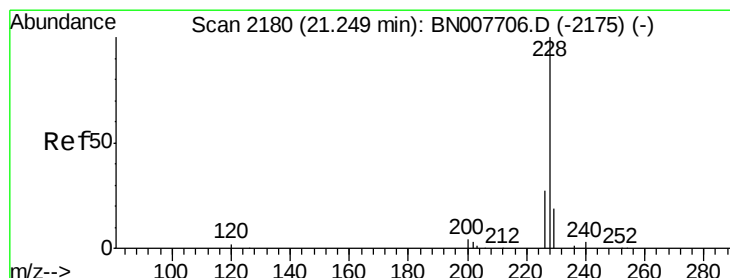
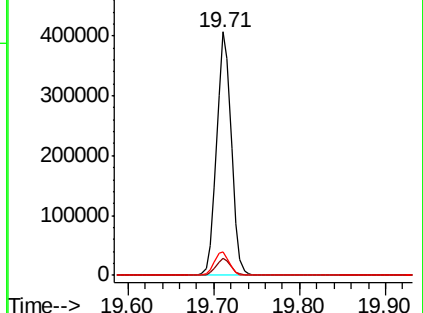
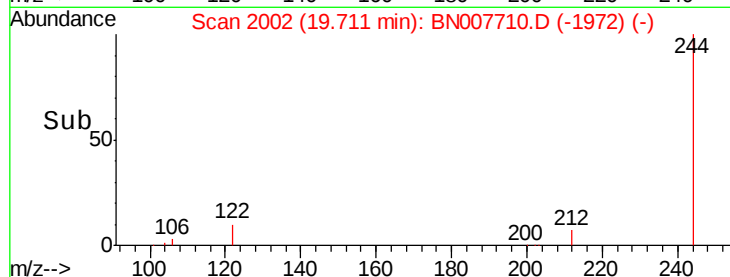
122 9.8 7.4 11.2



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: 5.401 ng

RT: 21.25 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

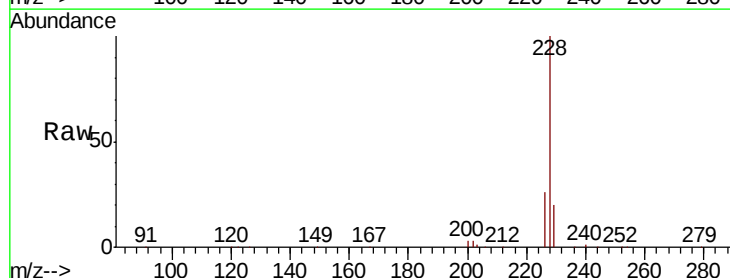
Tgt Ion:228 Resp: 717800

Ion Ratio Lower Upper

228 100

226 26.0 22.1 33.1

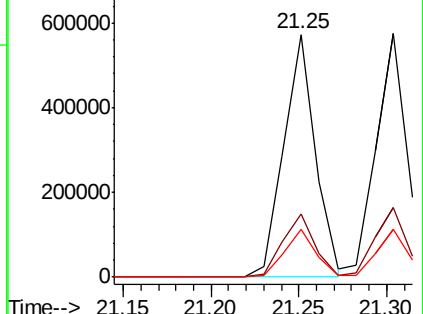
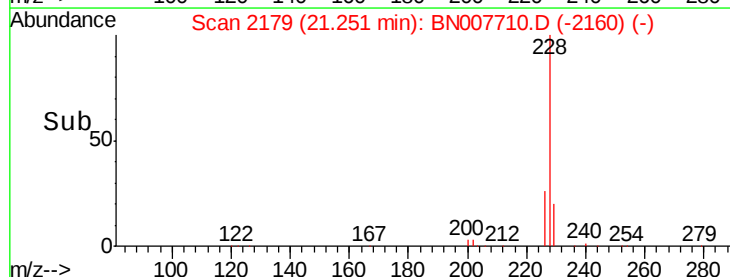
229 19.8 15.8 23.6

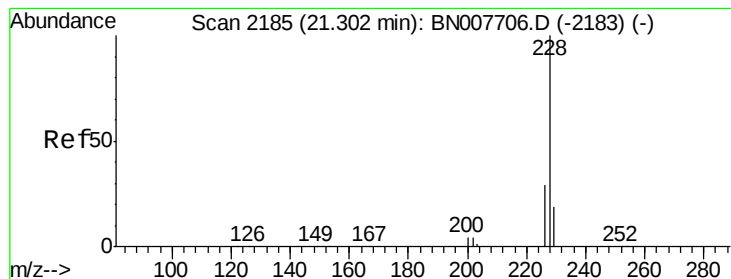


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 5.218 ng

RT: 21.30 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

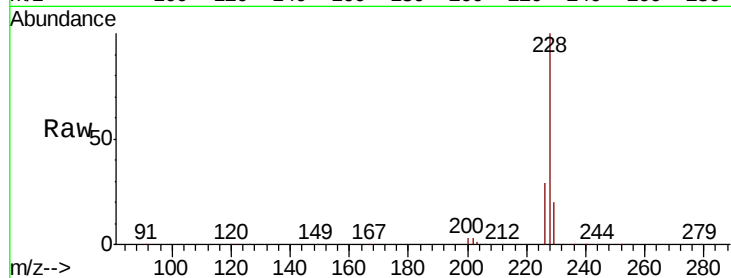
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 704700

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.9	35.9
229	19.8	15.8	23.6

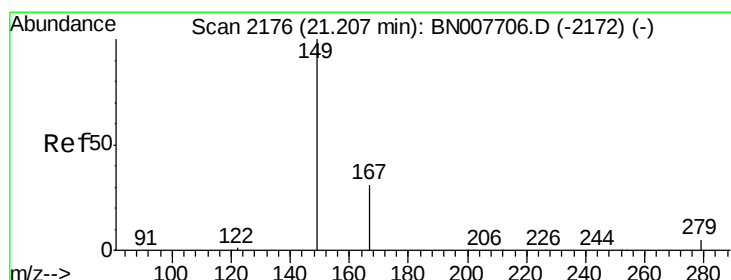
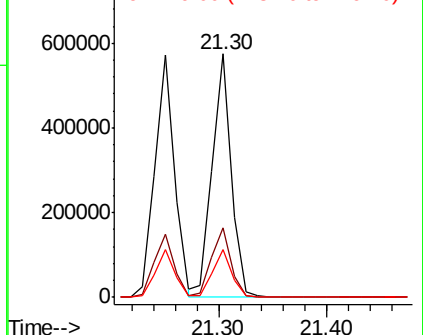
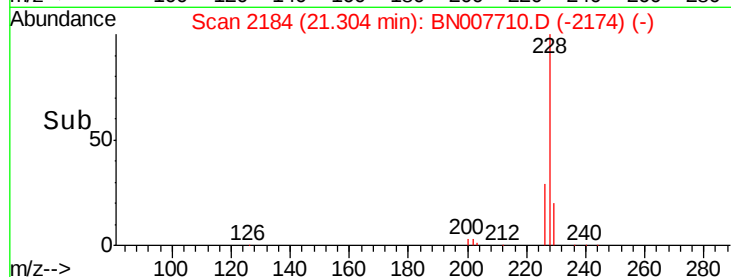


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 7.795 ng

RT: 21.20 min Scan# 2174

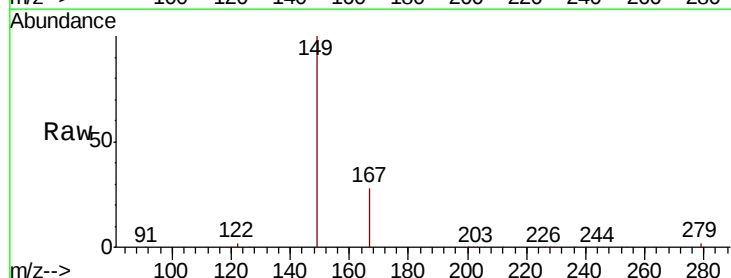
Delta R.T. -0.01 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

Tgt Ion:149 Resp: 354584

Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.7	35.5
279	5.1	4.2	6.2

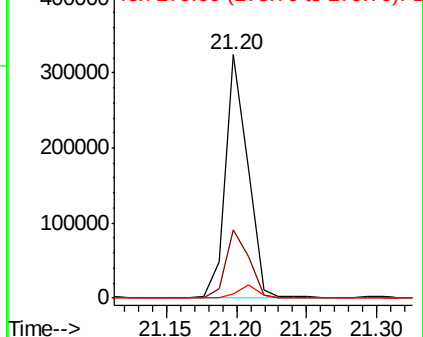
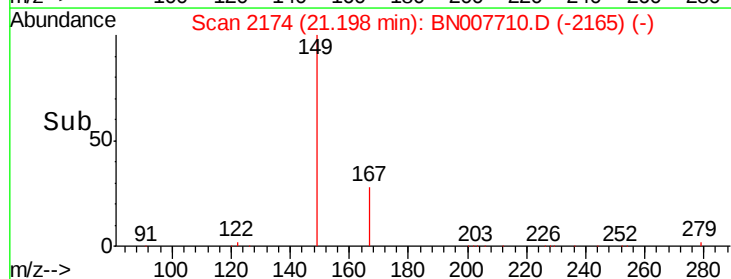


Abundance

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

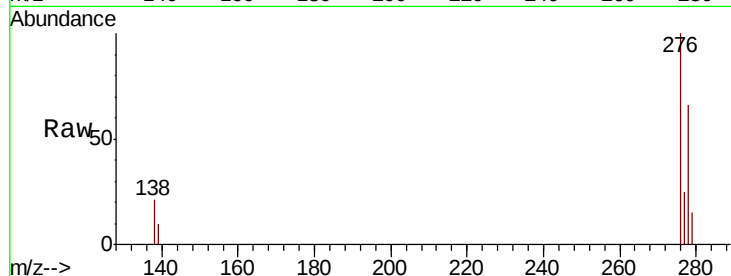




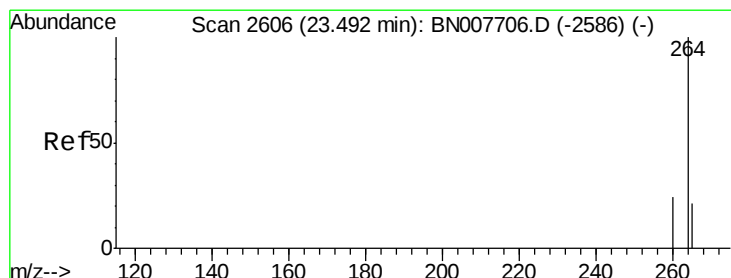
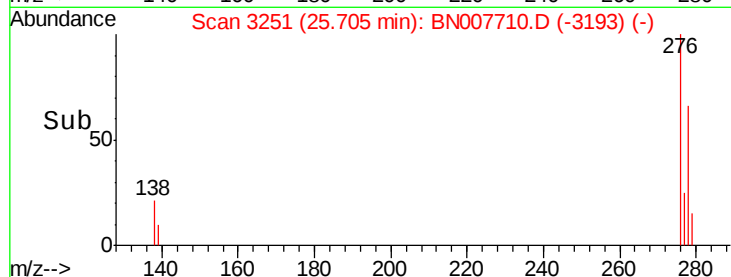
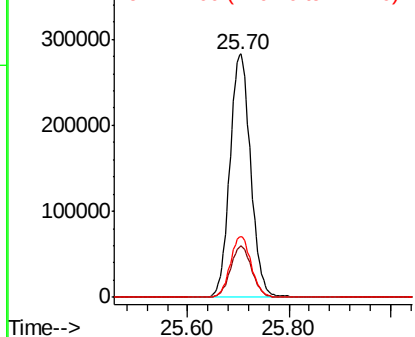
#33
Indeno(1,2,3-cd)pyrene
Concen: 5.599 ng
RT: 25.70 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	17.1	25.7
277	25.1	20.0	30.0

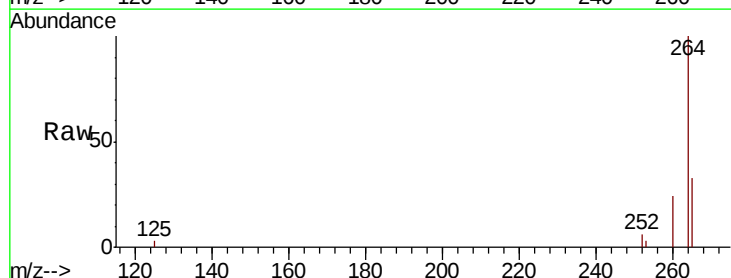


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

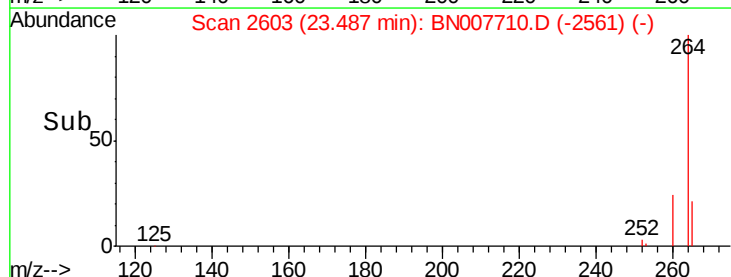
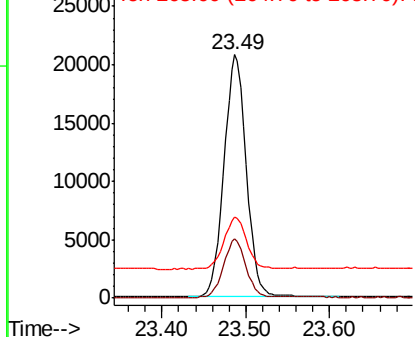


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	33.2	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

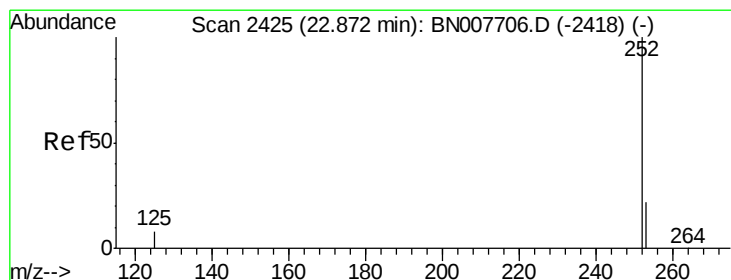
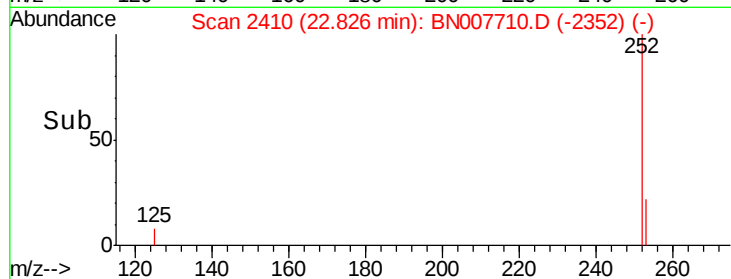
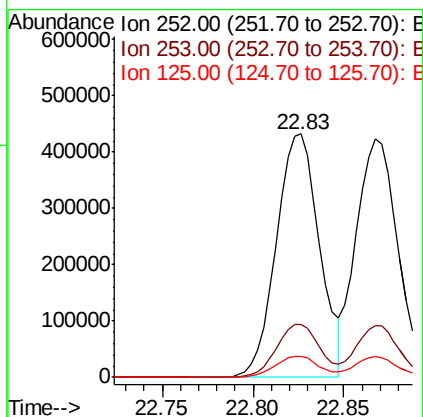
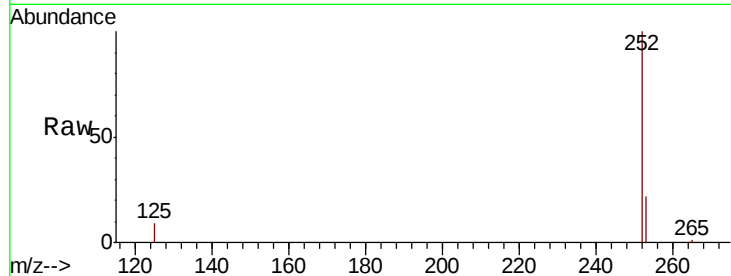




#35
Benzo(b)fluoranthene
Concen: 5.263 ng
RT: 22.83 min Scan# 2410
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

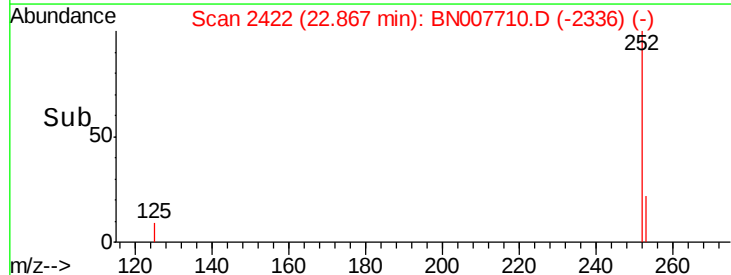
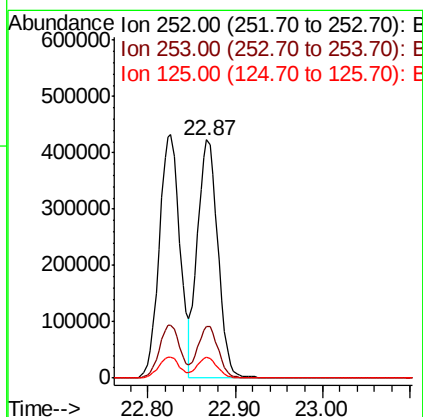
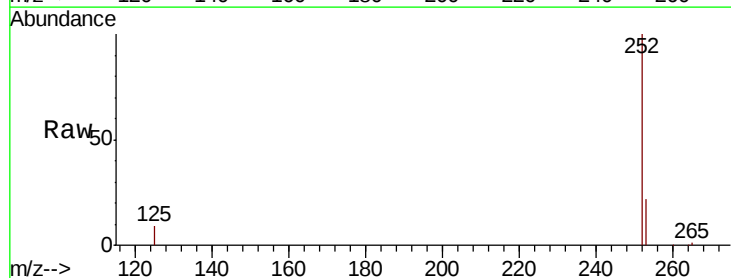
Instrument :
BNA_E
ClientSampleId :

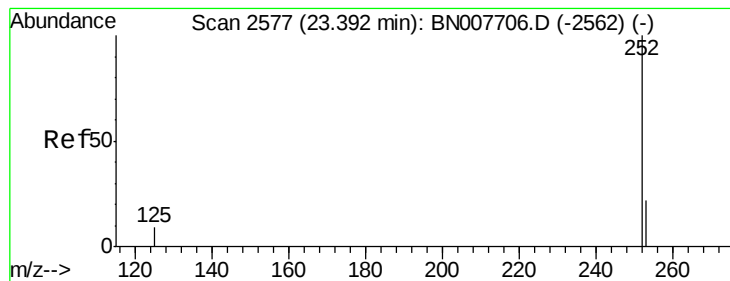
Tot Ion:252 Resp: 711736
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 8.6 8.2 12.4



#36
Benzo(k)fluoranthene
Concen: 5.107 ng
RT: 22.87 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BN007710.D
Acq: 18 Sep 2019 17:47

Tgt Ion:252 Resp: 682499
Ion Ratio Lower Upper
252 100
253 21.8 18.5 27.7
125 8.7 8.4 12.6





#37

Benzo(a)pyrene

Concen: 5.469 ng

RT: 23.39 min Scan# 2575

Delta R.T. -0.00 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

Instrument :

BNA_E

ClientSampleId :

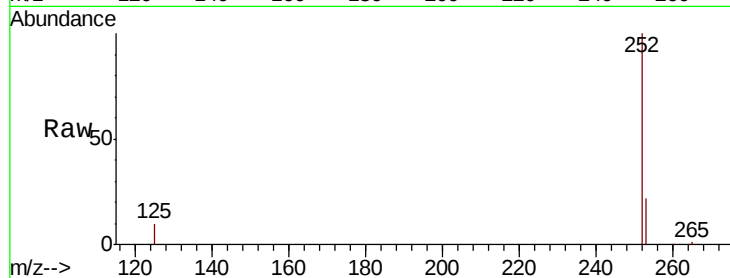
Tot Ion:252 Resp: 657655

Ion Ratio Lower Upper

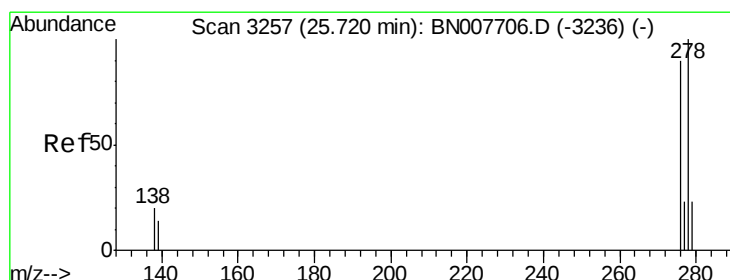
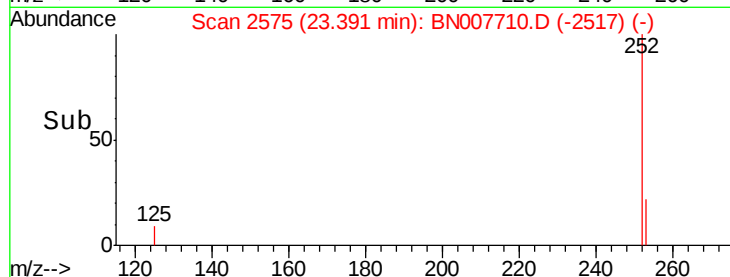
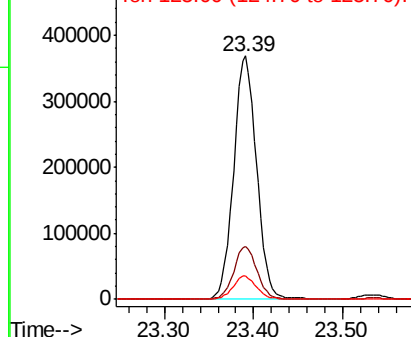
252 100

253 22.0 18.6 27.8

125 9.5 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: 5.398 ng

RT: 25.72 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

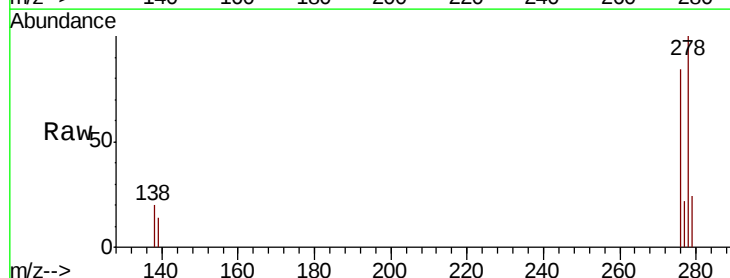
Tgt Ion:278 Resp: 651714

Ion Ratio Lower Upper

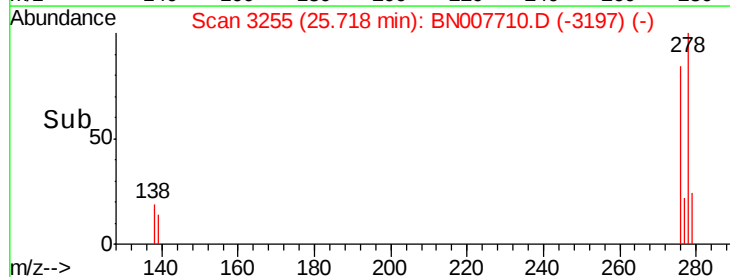
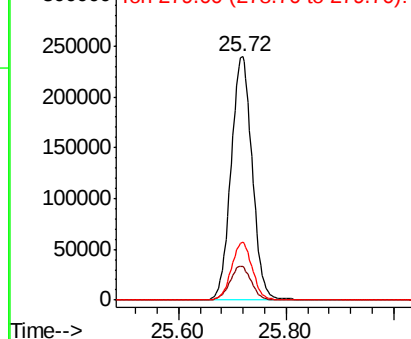
278 100

139 14.0 11.8 17.6

279 23.6 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(a,h,i)perylene

Concen: 5.310 ng

RT: 26.38 min Scan# 3447

Delta R.T. -0.00 min

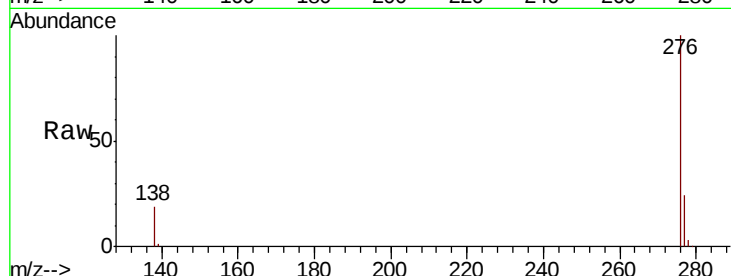
Lab File: BN007710.D

Acq: 18 Sep 2019 17:47

Instrument :

BNA_E

ClientSampleId :



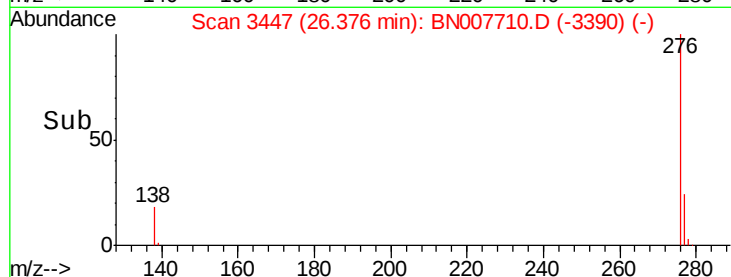
Tot Ion: 276 Resp: 649163

Ion Ratio Lower Upper

276 100

277 23.7 19.8 29.8

138 18.6 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

