

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
 Data File : BN006694.D
 Acq On : 02 Jul 2019 16:19
 Operator : HP/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 02 17:08:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 02 17:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4070	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	16110	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	8528	0.40	ng	0.00
19) Phenanthrene-d10	17.03	188	17735	0.40	ng	0.00
27) Chrysene-d12	21.26	240	15256	0.40	ng	0.00
34) Perylene-d12	23.49	264	15983	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	35328	3.54	ng	-0.02
5) Phenol-d6	6.80	99	46397	3.51	ng	-0.03
8) Nitrobenzene-d5	8.77	82	40862	3.77	ng	-0.03
11) 2-Methylnaphthalene-d10	11.99	152	77121	3.04	ng	0.00
14) 2,4,6-Tribromophenol	15.77	330	13987	3.48	ng	-0.02
15) 2-Fluorobiphenyl	12.87	172	106891	3.38	ng	-0.01
25) Fluoranthene-d10	19.07	212	157789	3.03	ng	0.00
29) Terphenyl-d14	19.67	244	109898	3.44	ng	0.00

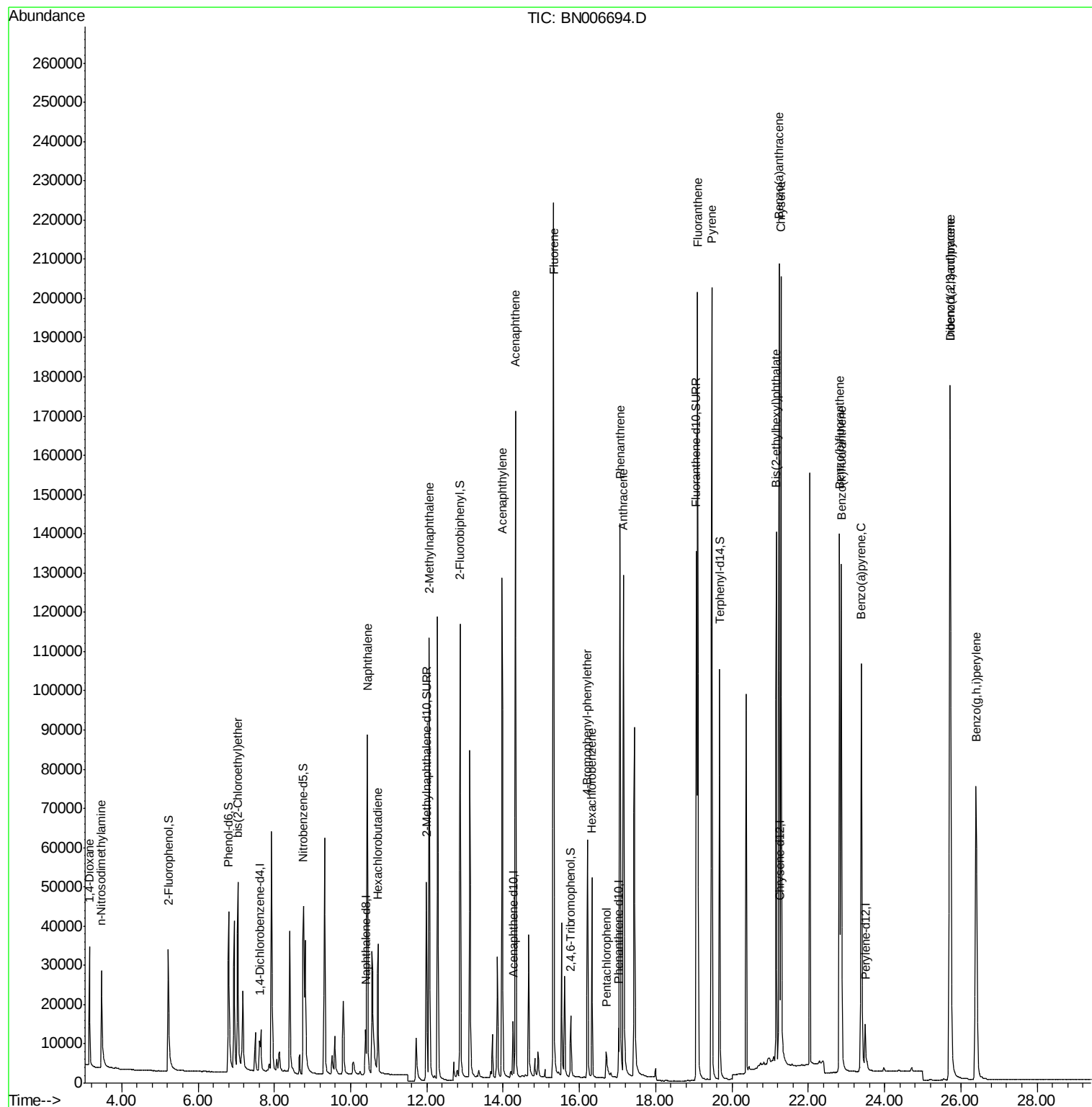
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	18797	3.337	ng	# 92
3) n-Nitrosodimethylamine	3.47	42	17410	3.933	ng	# 96
6) bis(2-Chloroethyl)ether	7.04	93	41936	3.558	ng	96
9) Naphthalene	10.44	128	133982	3.165	ng	98
10) Hexachlorobutadiene	10.72	225	27188	3.125	ng	# 100
12) 2-Methylnaphthalene	12.06	142	90095	3.079	ng	99
16) Acenaphthylene	13.98	152	142837	3.513	ng	100
17) Acenaphthene	14.32	154	86622	3.234	ng	99
18) Fluorene	15.32	166	108017	3.196	ng	100
20) 4-Bromophenyl-phenylether	16.21	248	34726	3.534	ng	# 86
21) Hexachlorobenzene	16.33	284	39935	3.216	ng	99
22) Pentachlorophenol	16.71	266	6220	3.141	ng	# 84
23) Phenanthrene	17.07	178	163805	3.248	ng	99
24) Anthracene	17.15	178	156051	3.566	ng	100
26) Fluoranthene	19.10	202	186606	3.045	ng	100
28) Pyrene	19.47	202	189551	3.551	ng	100
30) Benzo(a)anthracene	21.24	228	171367	3.436	ng	99
31) Chrysene	21.29	228	168545	3.135	ng	100
32) Bis(2-ethylhexyl)phthalate	21.16	149	120990	4.820	ng	99
33) Indeno(1,2,3-cd)pyrene	25.72	276	197028	3.620	ng	99
35) Benzo(b)fluoranthene	22.82	252	169085	3.110	ng	# 92
36) Benzo(k)fluoranthene	22.86	252	177313	3.059	ng	# 92
37) Benzo(a)pyrene	23.39	252	161984	3.187	ng	# 90
38) Dibenzo(a,h)anthracene	25.72	278	158603	3.572	ng	94
39) Benzo(g,h,i)perylene	26.40	276	161510	3.644	ng	95

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

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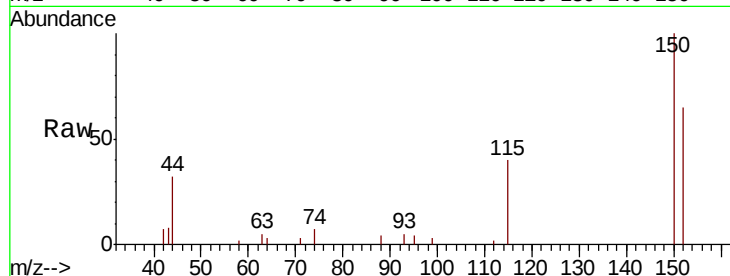


#1

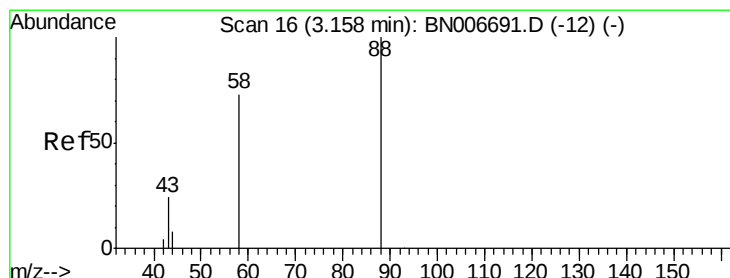
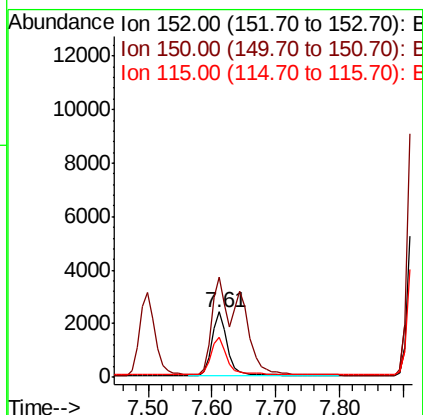
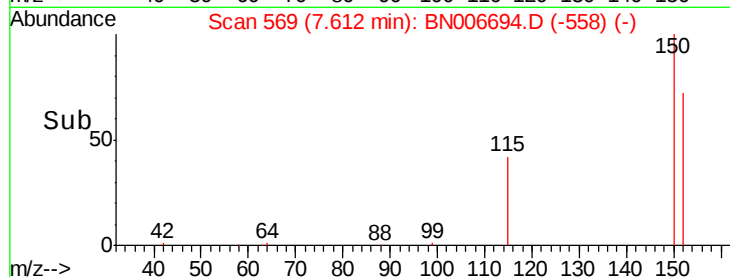
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 569
Delta R.T. -0.01 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4070
Ion Ratio Lower Upper
152 100
150 153.6 120.6 181.0
115 61.1 51.0 76.6



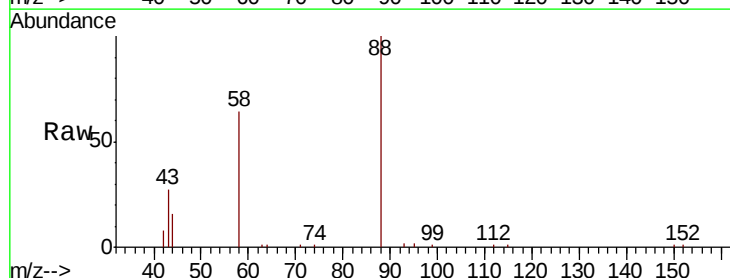
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



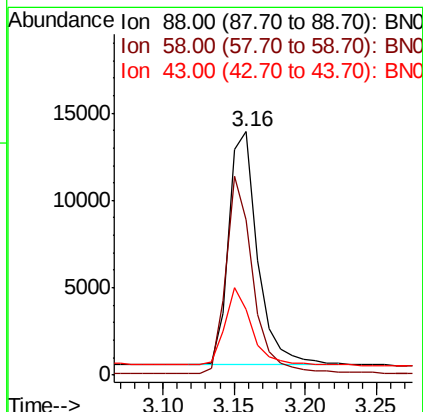
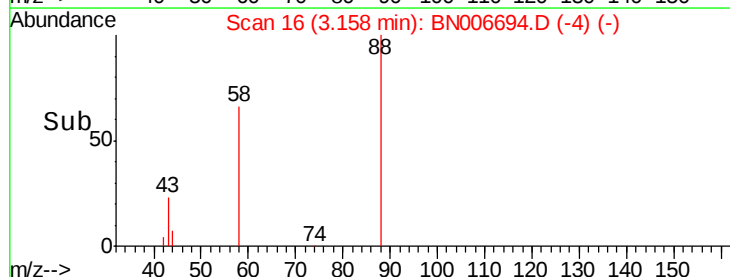
#2

1,4-Dioxane
Concen: 3.337 ng
RT: 3.16 min Scan# 16
Delta R.T. -0.00 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Tgt Ion: 88 Resp: 18797
Ion Ratio Lower Upper
88 100
58 79.1 61.1 91.7
43 30.5 32.4 48.6#



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



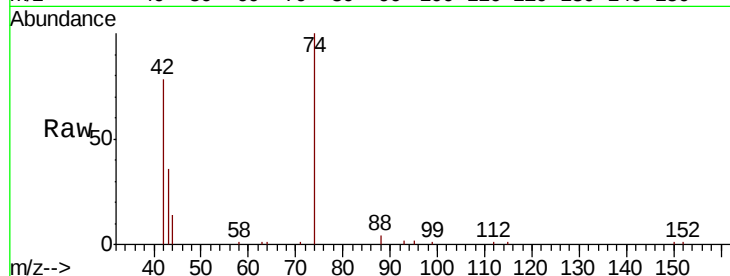


#3

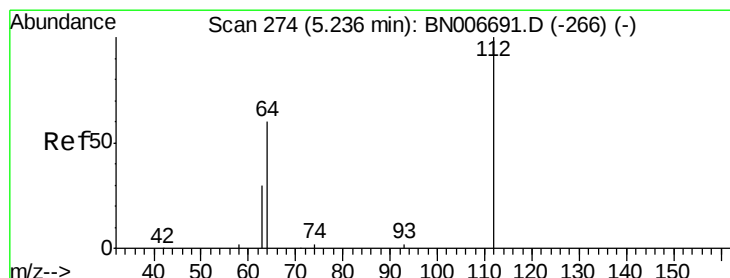
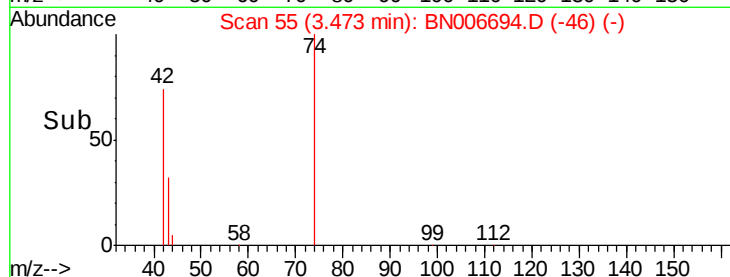
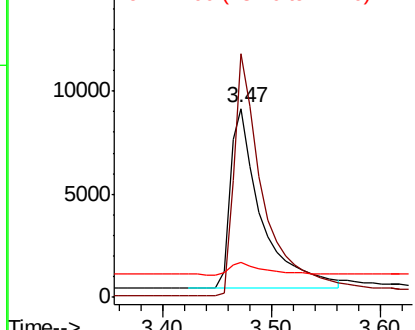
n-Nitrosodimethylamine
 Concen: 3.933 ng
 RT: 3.47 min Scan# 55
 Delta R.T. -0.02 min
 Lab File: BN006694.D
 Acq: 02 Jul 2019 16:19

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 42 Resp: 17410
 Ion Ratio Lower Upper
 42 100
 74 129.2 106.6 160.0
 44 7.5 8.0 12.0#



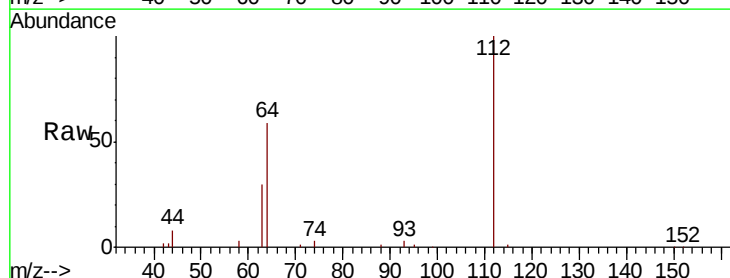
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



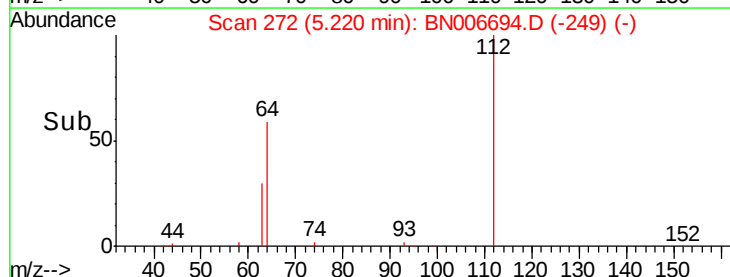
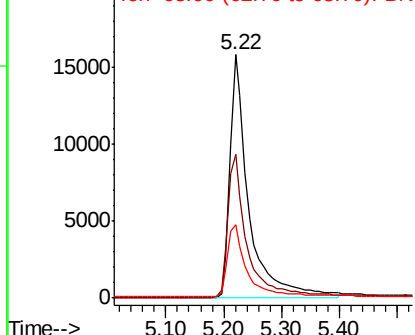
#4

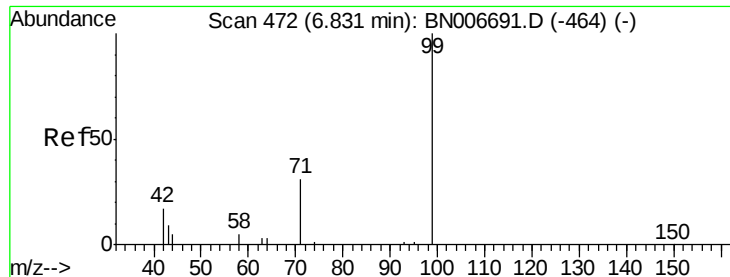
2-Fluorophenol
 Concen: 3.539 ng
 RT: 5.22 min Scan# 272
 Delta R.T. -0.02 min
 Lab File: BN006694.D
 Acq: 02 Jul 2019 16:19

Tgt Ion: 112 Resp: 35328
 Ion Ratio Lower Upper
 112 100
 64 60.3 49.8 74.6
 63 30.7 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): BNC
 Ion 64.00 (63.70 to 64.70): BNC
 Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 3.511 ng

RT: 6.80 min Scan# 468

Delta R.T. -0.03 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Instrument :

BNA_N

ClientSampleId :

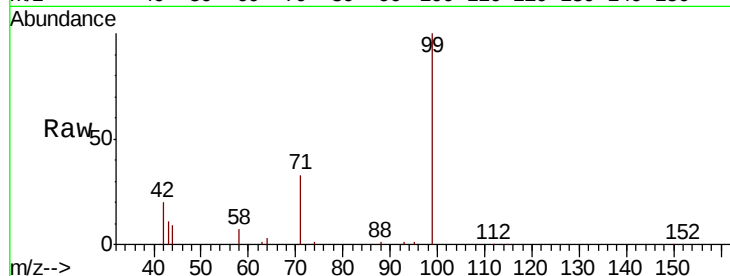
Tot Ion: 99 Resp: 46397

Ion Ratio Lower Upper

99 100

42 20.1 16.6 25.0

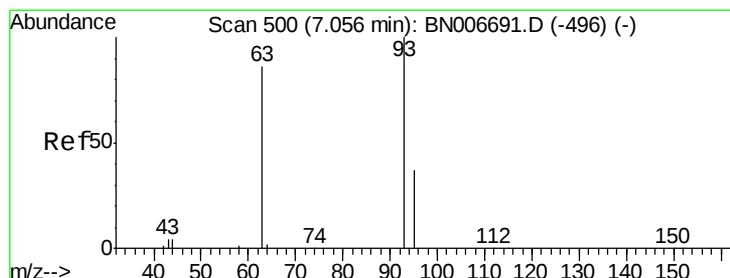
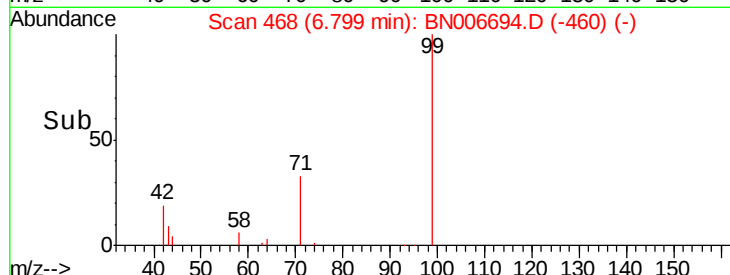
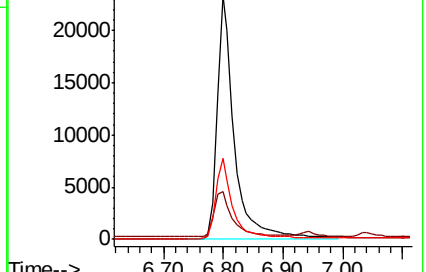
71 32.5 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006694.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006694.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006694.D (-464) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.558 ng

RT: 7.04 min Scan# 498

Delta R.T. -0.02 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

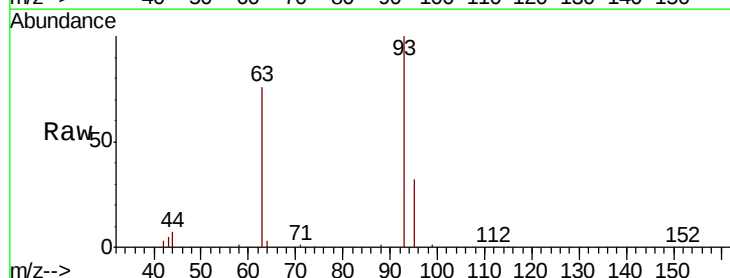
Tgt Ion: 93 Resp: 41936

Ion Ratio Lower Upper

93 100

63 72.1 58.6 87.8

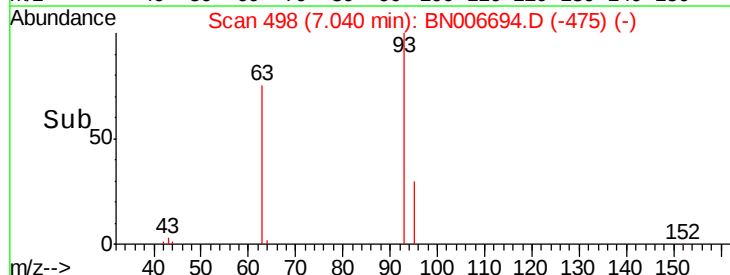
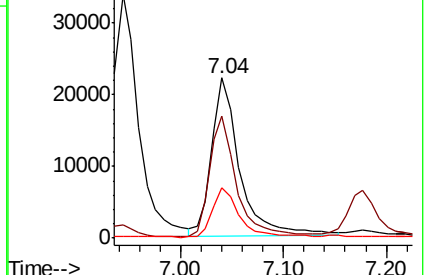
95 30.2 28.3 42.5

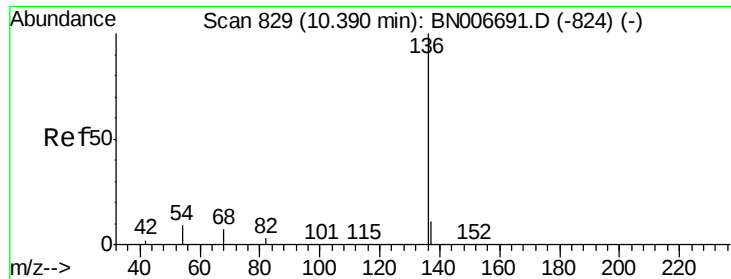


Abundance Ion 93.00 (92.70 to 93.70): BN006694.D (-496) (-)

Ion 63.00 (62.70 to 63.70): BN006694.D (-496) (-)

Ion 95.00 (94.70 to 95.70): BN006694.D (-496) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 829

Delta R.T. -0.00 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Instrument :

BNA_N

ClientSampled :

Tot Ion:136 Resp: 16110

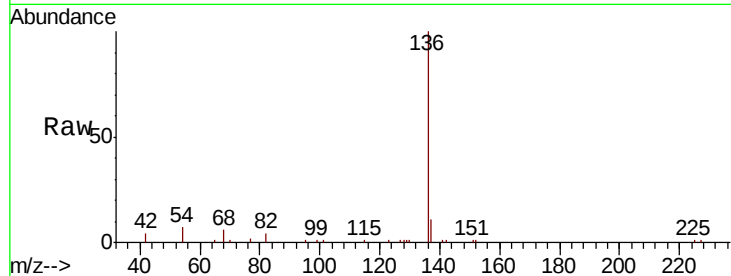
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 7.4 8.4 12.6#

68 6.0 6.8 10.2#

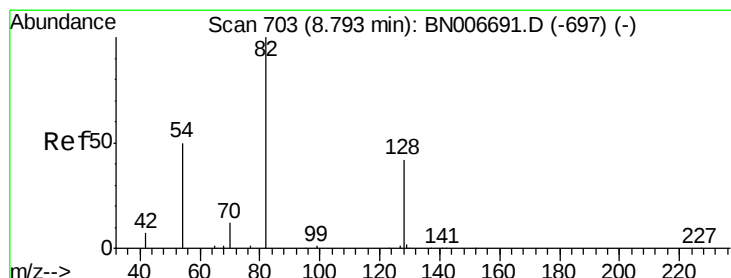
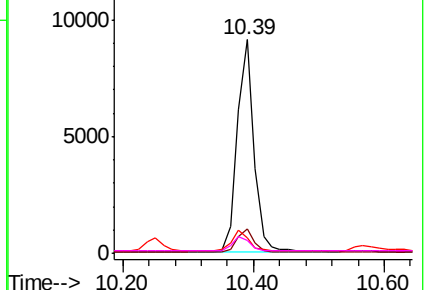
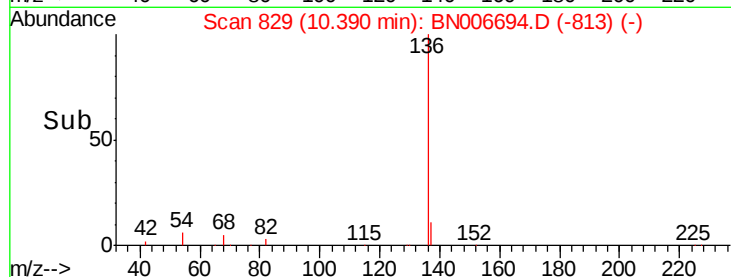


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 3.772 ng

RT: 8.77 min Scan# 701

Delta R.T. -0.03 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

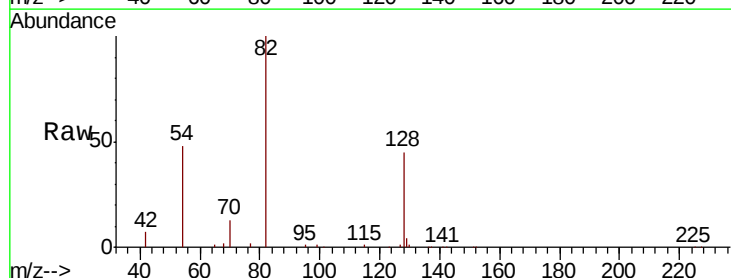
Tgt Ion: 82 Resp: 40862

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

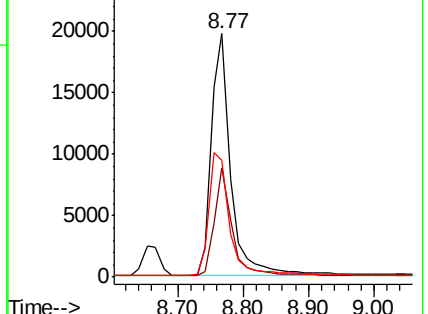
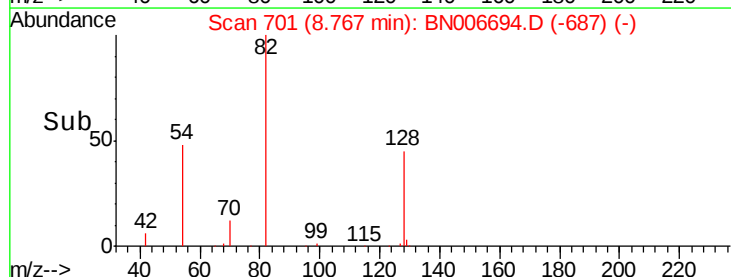
54 48.0 44.5 66.7

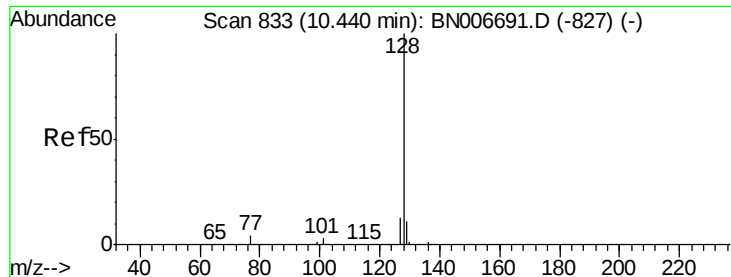


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 3.165 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.00 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Instrument :

BNA_N

ClientSampleId :

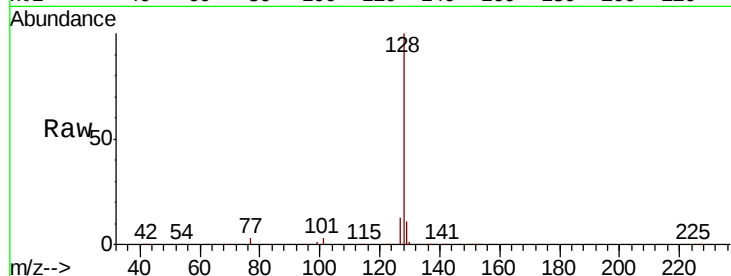
Tot Ion:128 Resp: 133982

Ion Ratio Lower Upper

128 100

129 11.0 9.6 14.4

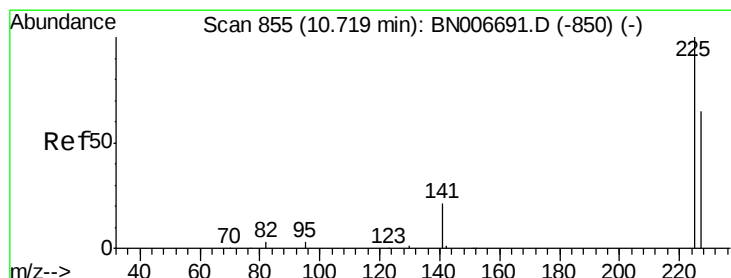
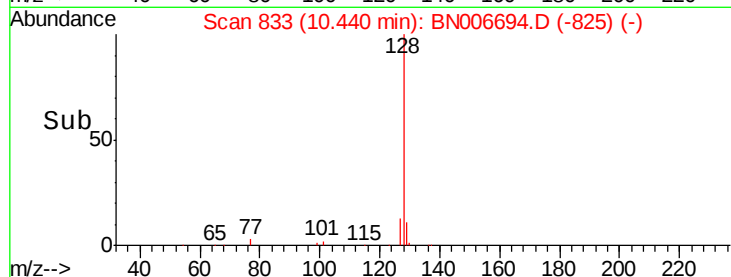
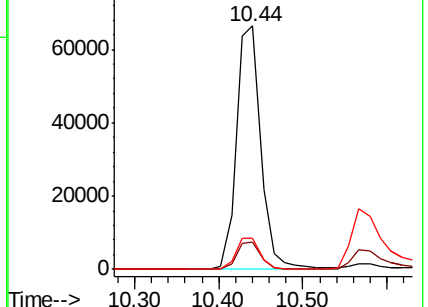
127 12.7 11.0 16.4



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: 3.125 ng

RT: 10.72 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

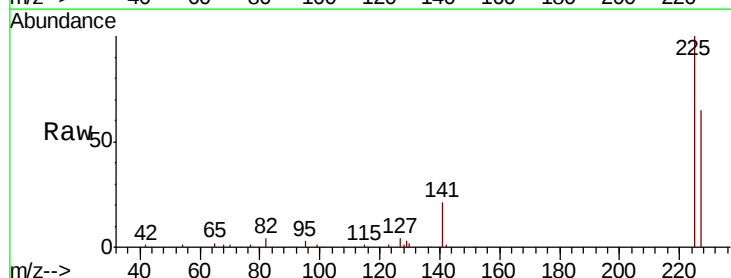
Tgt Ion:225 Resp: 27188

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

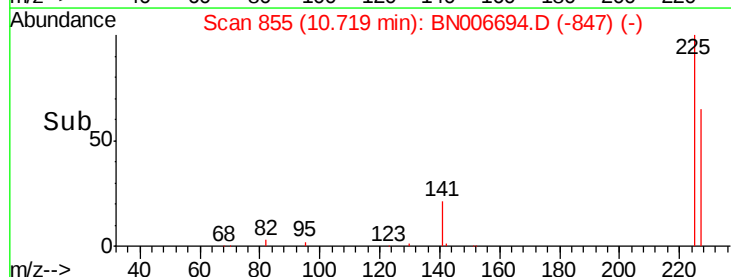
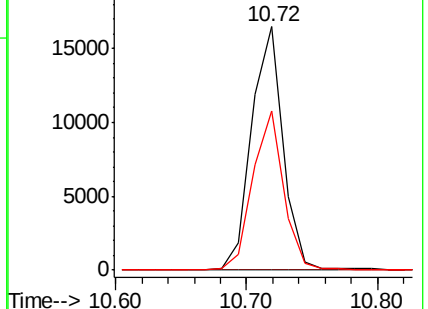
227 63.8 50.9 76.3

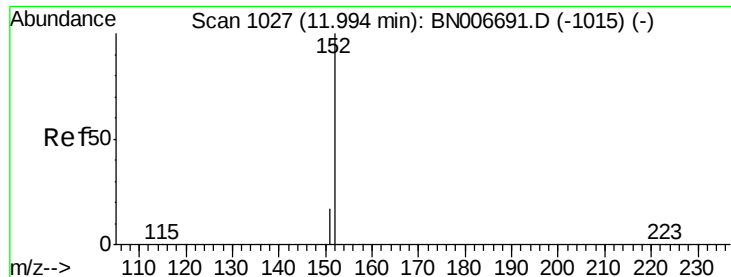


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

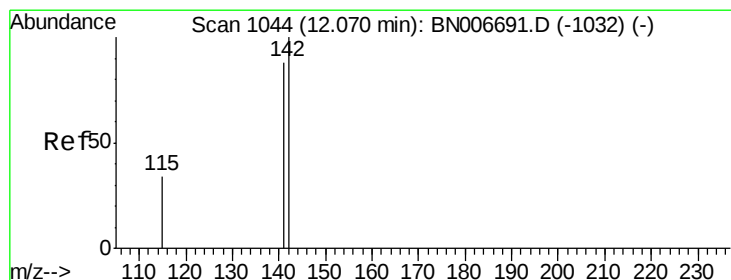
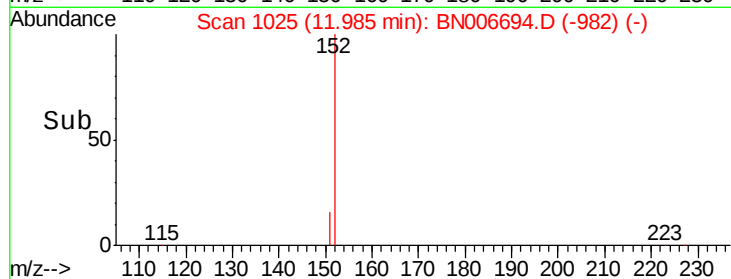
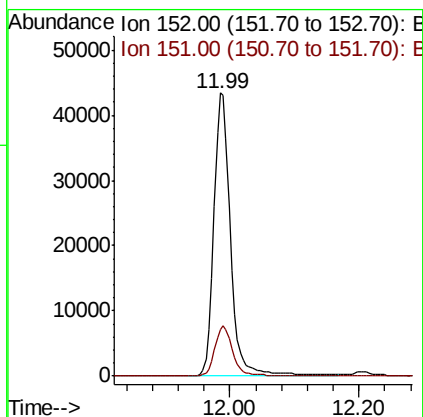
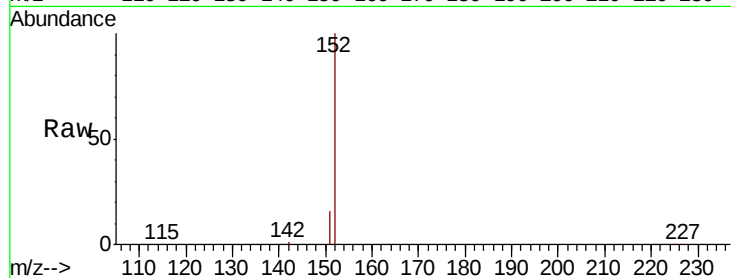




#11
2-Methylnaphthalene-d10
Concen: 3.039 ng
RT: 11.99 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

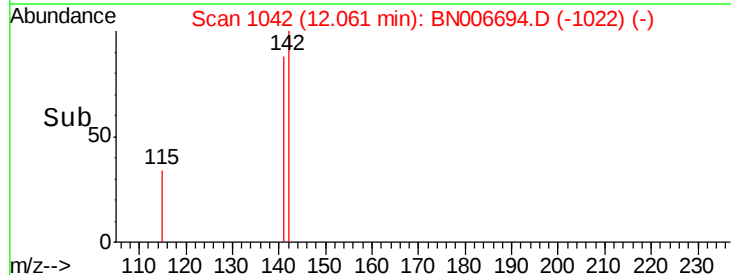
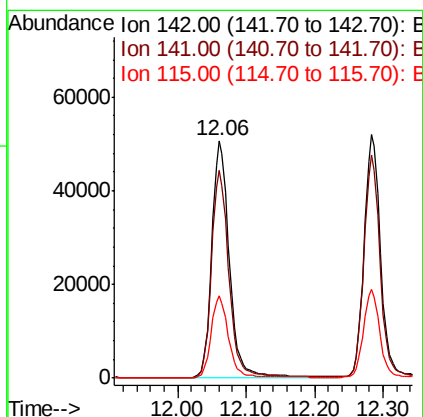
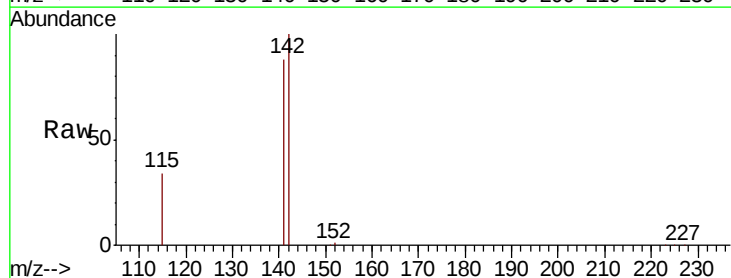
Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 77121
Ion Ratio Lower Upper
152 100
151 19.1 14.9 22.3



#12
2-Methylnaphthalene
Concen: 3.079 ng
RT: 12.06 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Tgt Ion:142 Resp: 90095
Ion Ratio Lower Upper
142 100
141 87.6 70.3 105.5
115 34.4 28.9 43.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Instrument :

BNA_N

ClientSampleId :

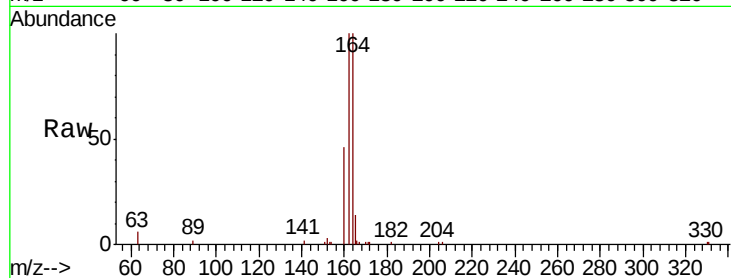
Tot Ion:164 Resp: 8528

Ion Ratio Lower Upper

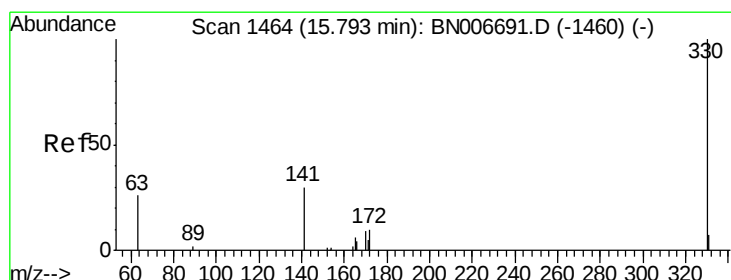
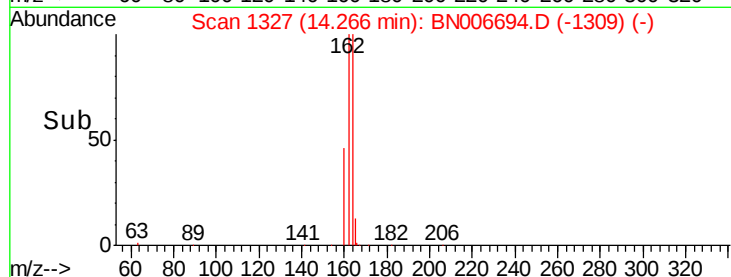
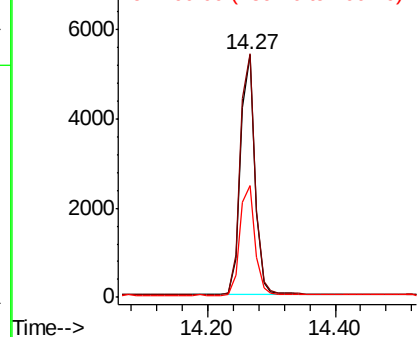
164 100

162 100.5 80.8 121.2

160 46.3 37.0 55.6



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: 3.483 ng

RT: 15.77 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

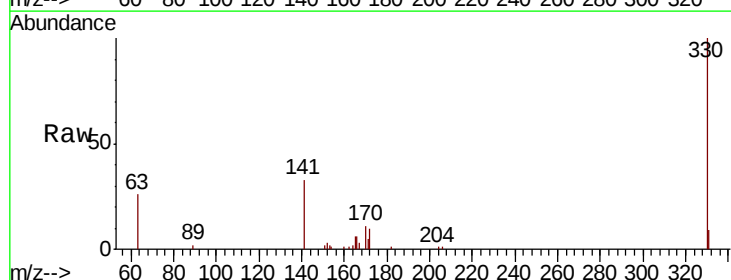
Tgt Ion:330 Resp: 13987

Ion Ratio Lower Upper

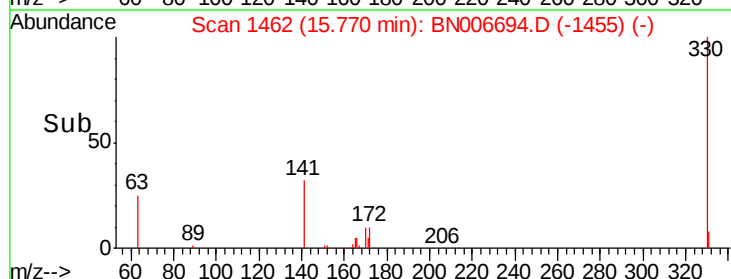
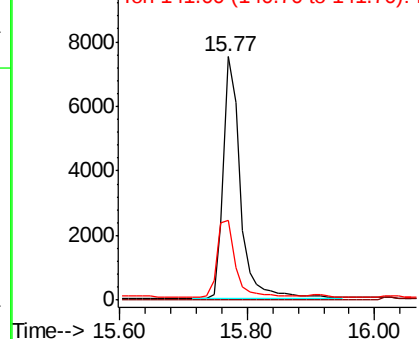
330 100

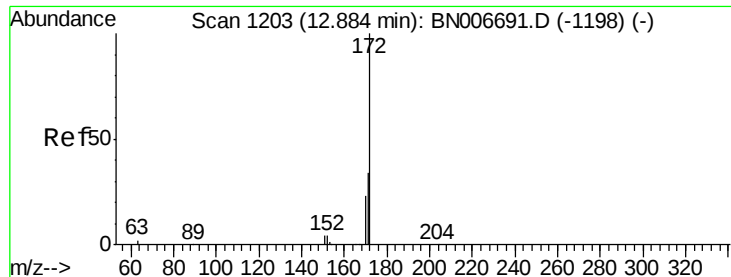
332 0.0 0.0 0.0

141 33.2 24.8 37.2



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

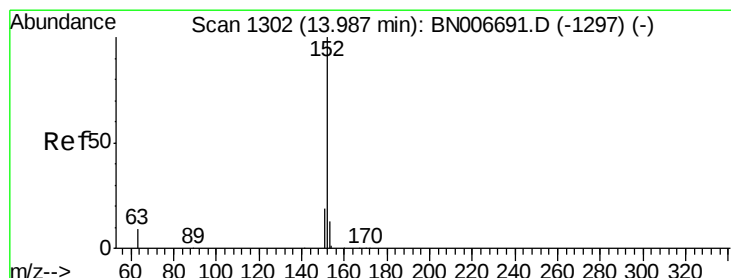
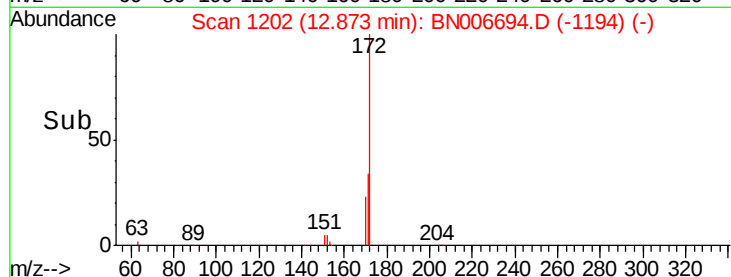
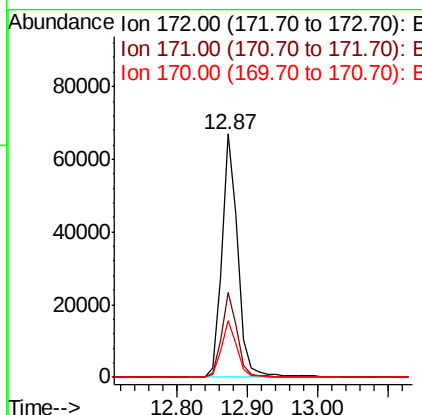
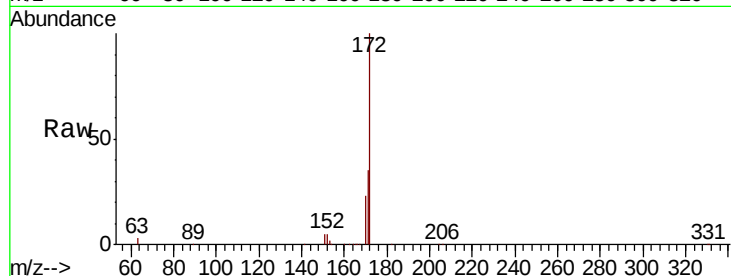




#15
2-Fluorobiphenyl
Concen: 3.383 ng
RT: 12.87 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

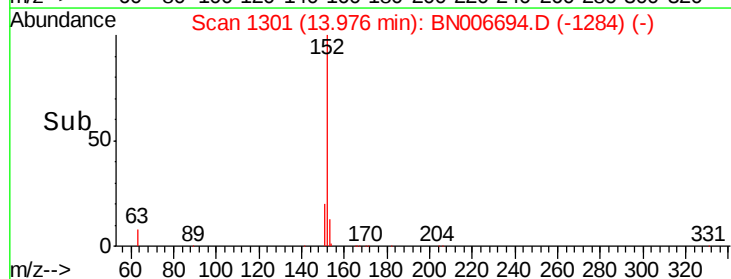
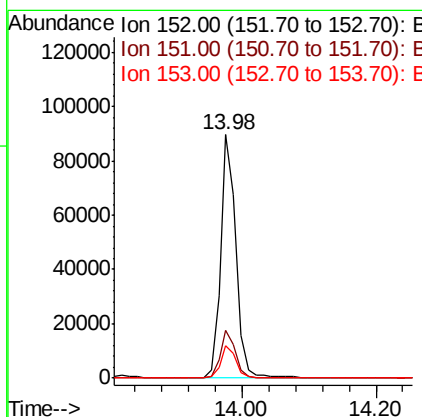
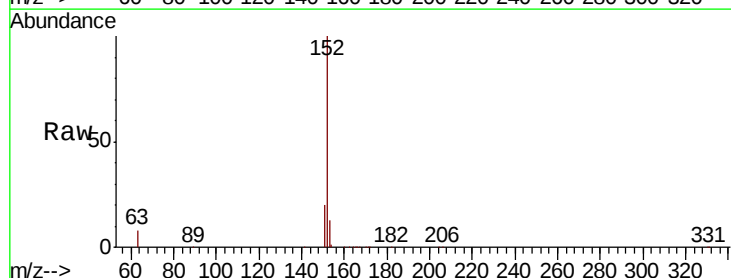
Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 106891
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.2 18.9 28.3



#16
Acenaphthylene
Concen: 3.513 ng
RT: 13.98 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Tgt Ion:152 Resp: 142837
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 3.234 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Instrument :

BNA_N

ClientSampleId :

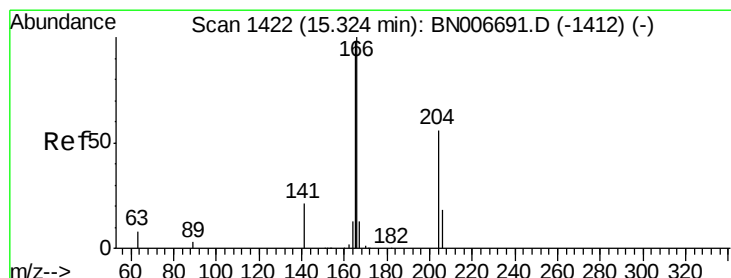
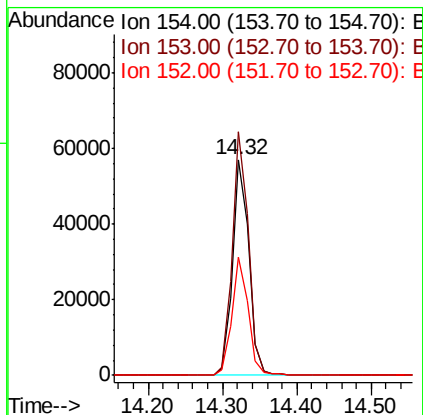
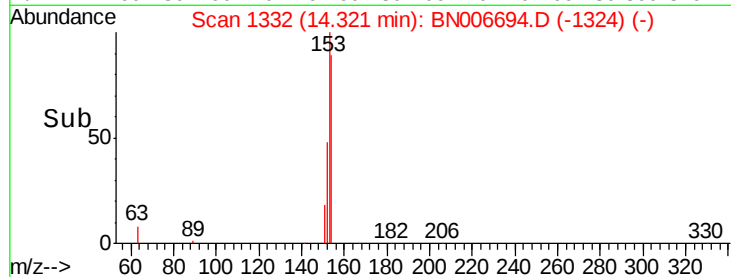
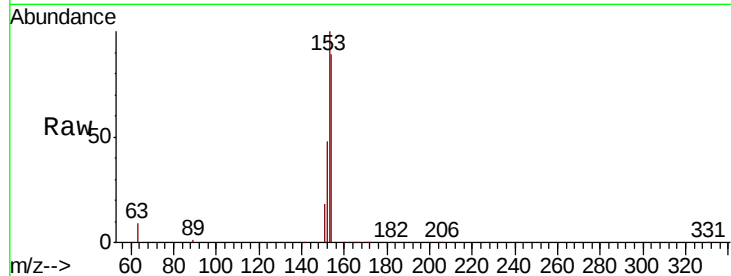
Tot Ion:154 Resp: 86622

Ion Ratio Lower Upper

154 100

153 112.1 88.9 133.3

152 53.9 42.8 64.2



#18

Fluorene

Concen: 3.196 ng

RT: 15.32 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

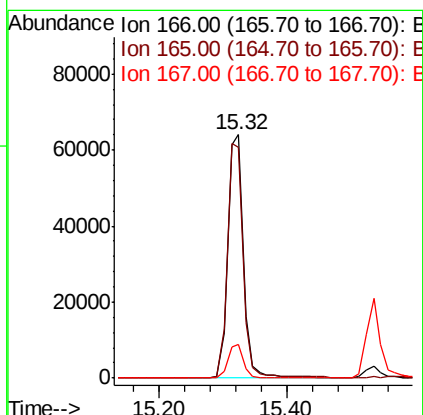
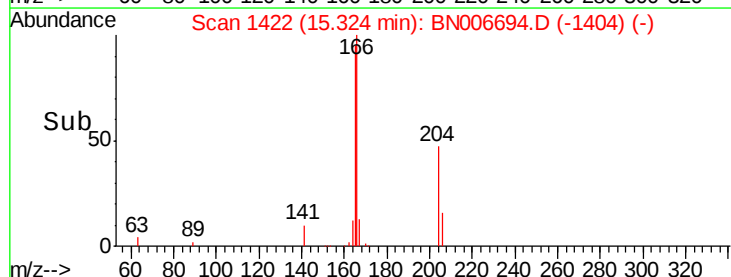
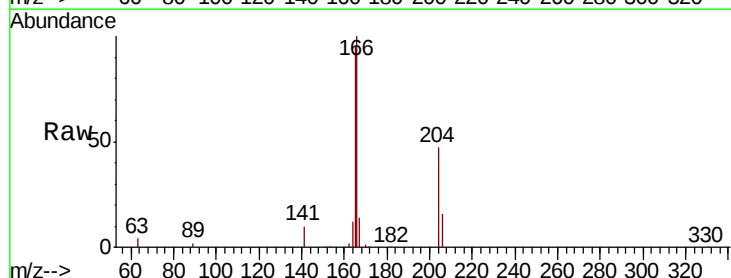
Tgt Ion:166 Resp: 108017

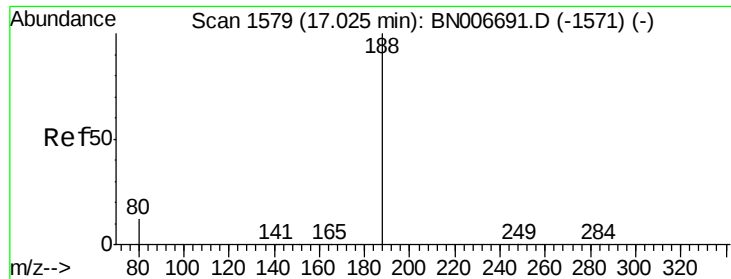
Ion Ratio Lower Upper

166 100

165 97.5 78.0 117.0

167 13.4 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.03 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Instrument :

BNA_N

ClientSampleId :

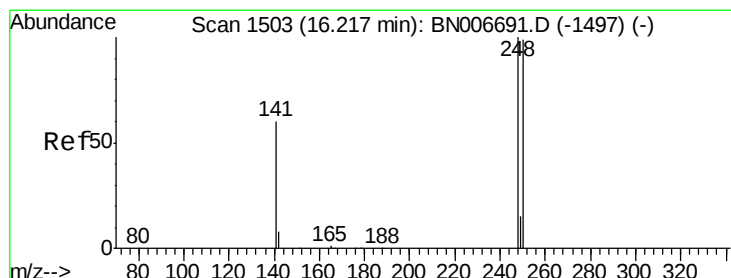
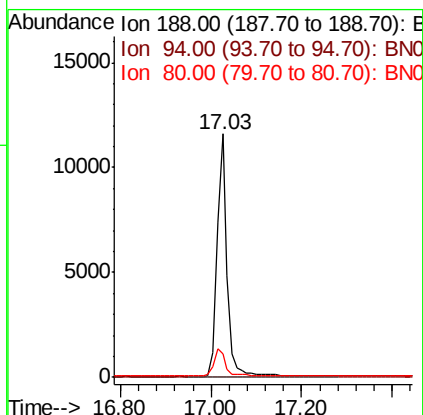
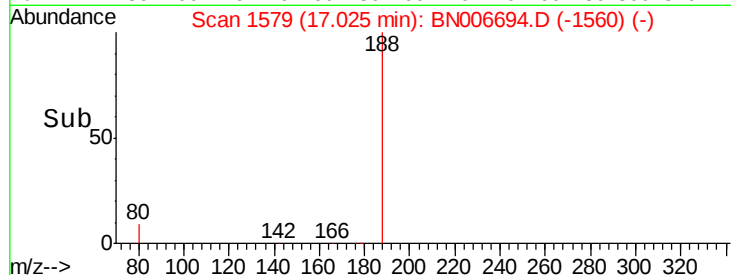
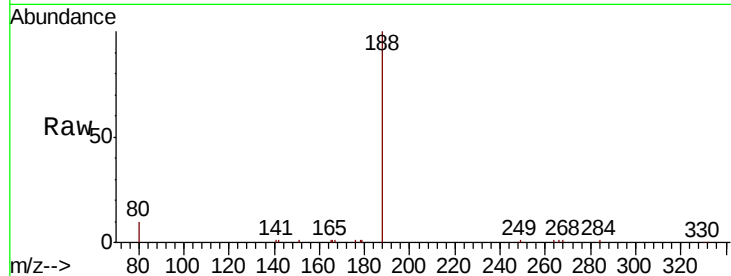
Tot Ion:188 Resp: 17735

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 10.3 15.5#



#20

4-Bromophenyl-phenylether

Concen: 3.534 ng

RT: 16.21 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

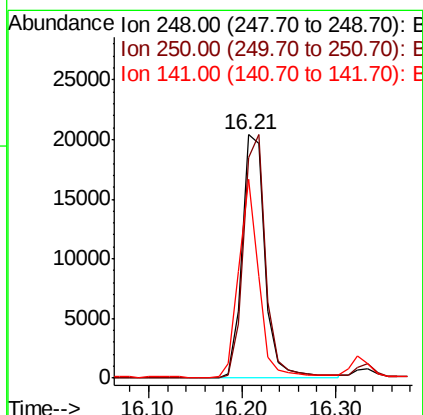
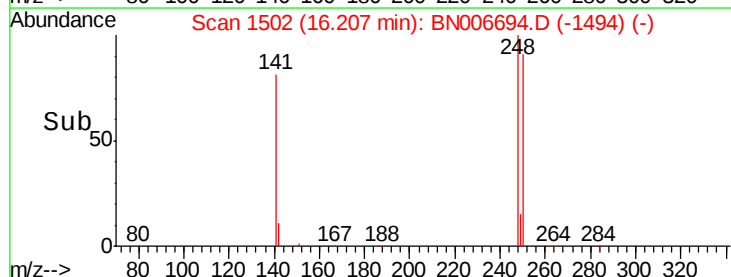
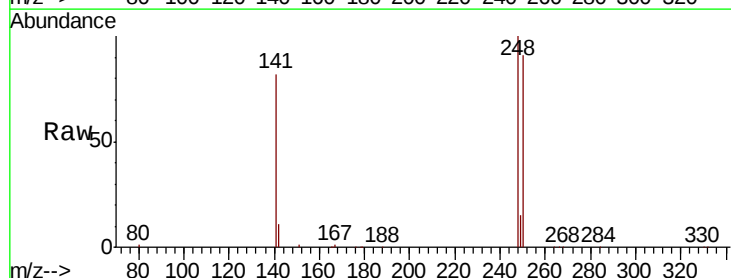
Tgt Ion:248 Resp: 34726

Ion Ratio Lower Upper

248 100

250 90.9 79.0 118.6

141 81.6 50.2 75.4#

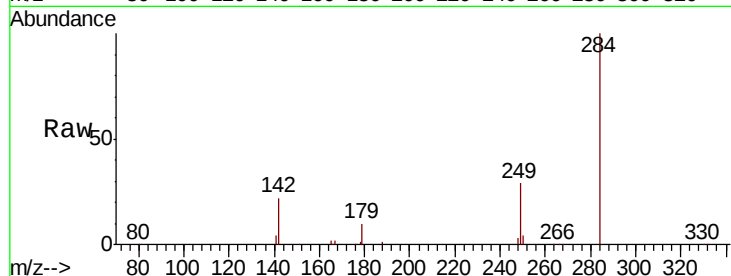




#21
Hexachlorobenzene
Concen: 3.216 ng
RT: 16.33 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.0	26.9	40.3
249	30.7	24.4	36.6

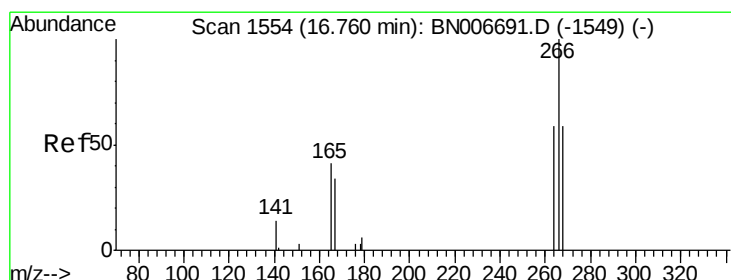
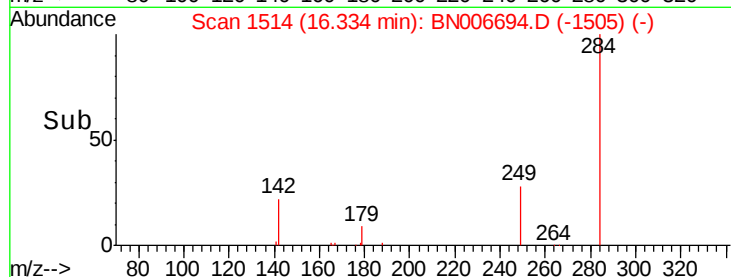
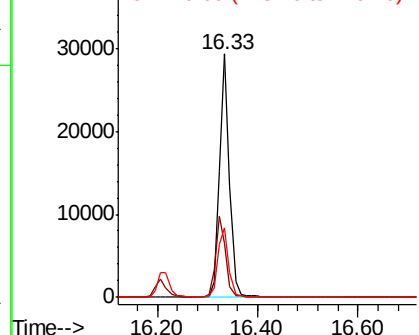


Abundance

Ion 283.80 (283.50 to 284.50): E

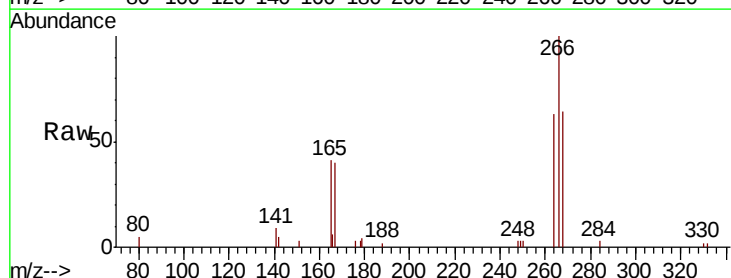
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 3.141 ng
RT: 16.71 min Scan# 1549
Delta R.T. -0.05 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.9	57.6	86.4
268	64.3	66.6	99.8

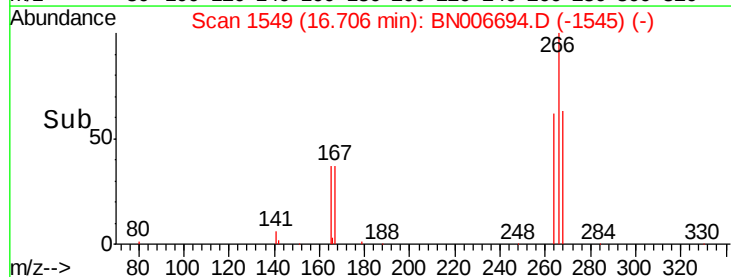
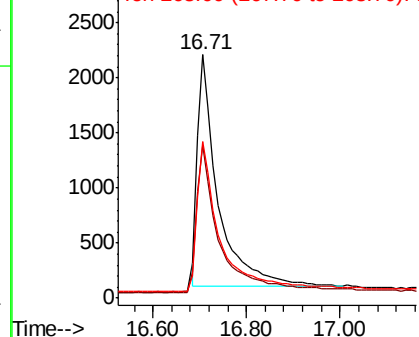


Abundance

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: 3.248 ng

RT: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Instrument :

BNA_N

ClientSampleId :

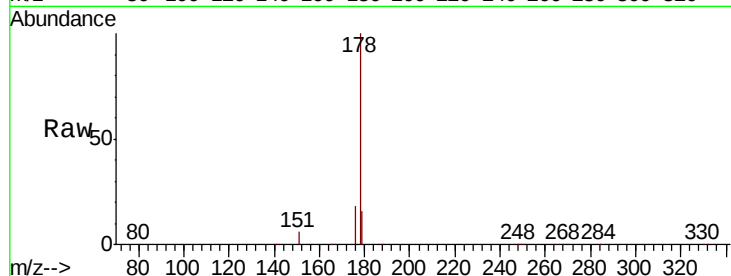
Tot Ion:178 Resp: 163805

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

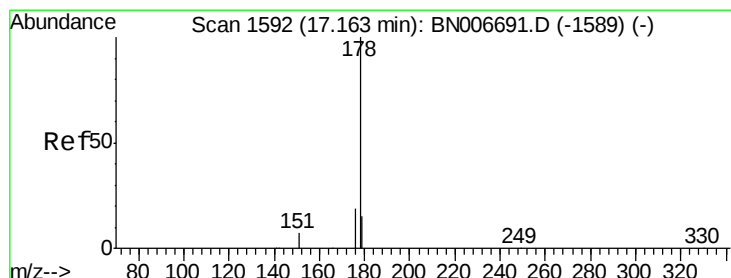
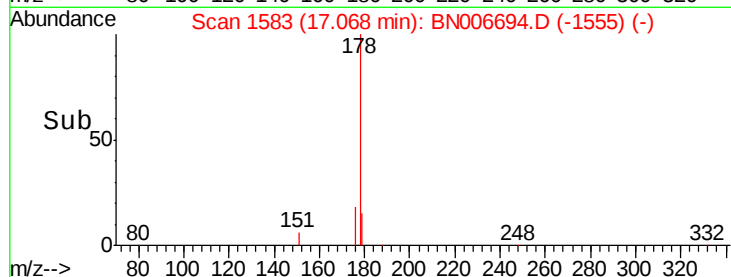
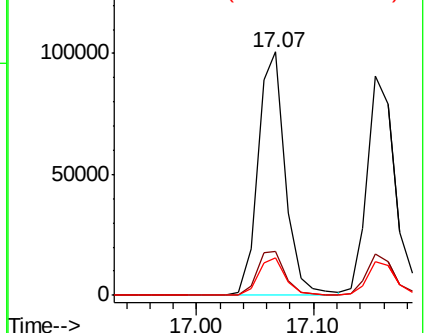
179 15.2 12.4 18.6



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: 3.566 ng

RT: 17.15 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

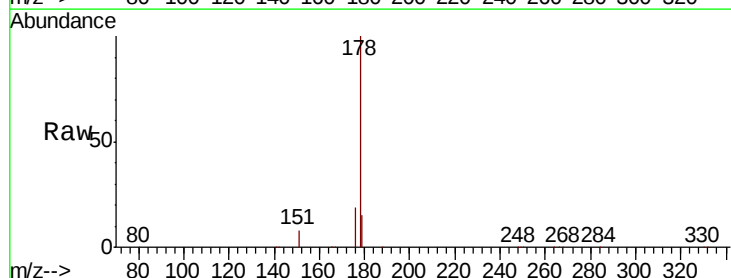
Tgt Ion:178 Resp: 156051

Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

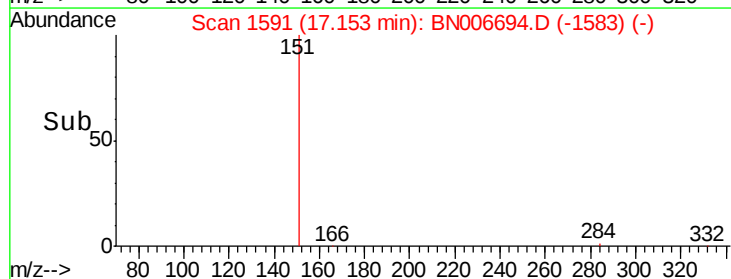
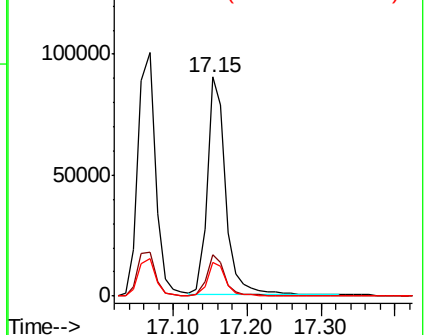
179 15.3 11.9 17.9

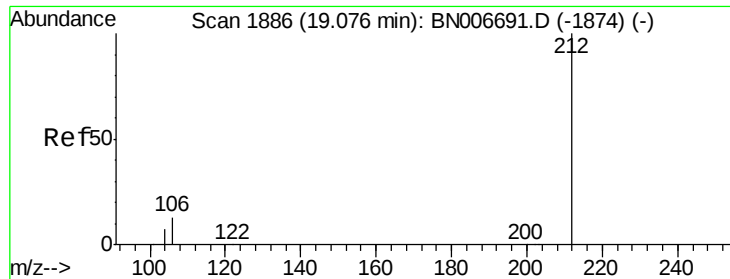


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.029 ng

RT: 19.07 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Instrument :

BNA_N

ClientSampled :

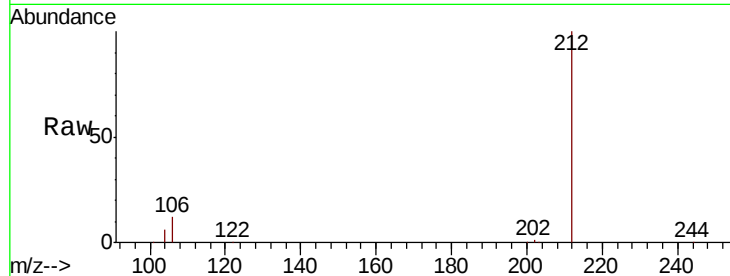
Tot Ion:212 Resp: 157789

Ion Ratio Lower Upper

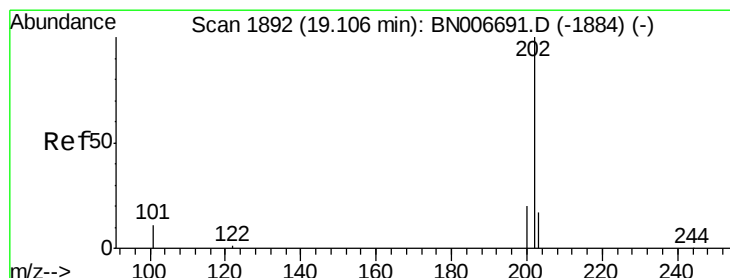
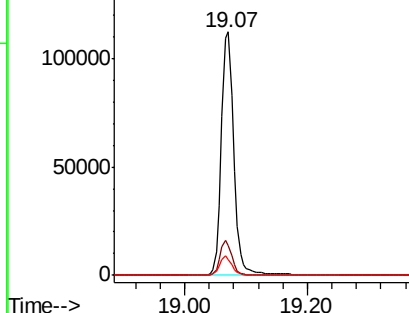
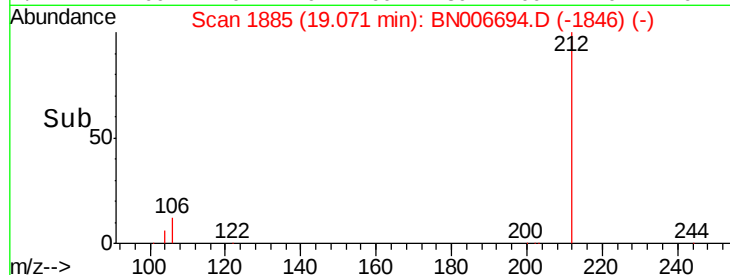
212 100

106 14.0 11.0 16.6

104 7.5 6.1 9.1



Abundance Ion 212.00 (211.70 to 212.70): E
150000
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 3.045 ng

RT: 19.10 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

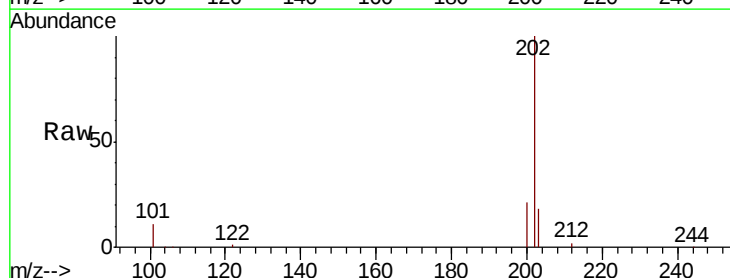
Tgt Ion:202 Resp: 186606

Ion Ratio Lower Upper

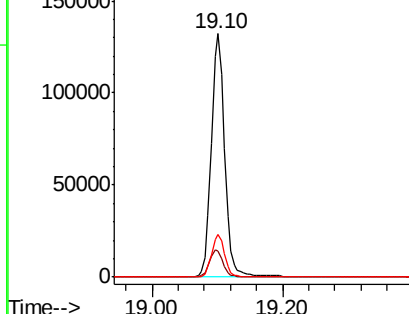
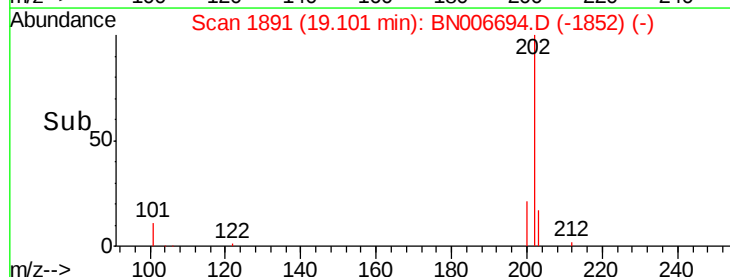
202 100

101 11.2 8.7 13.1

203 17.3 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E
150000
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# 2191

Delta R.T. -0.00 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Instrument :

BNA_N

ClientSampled :

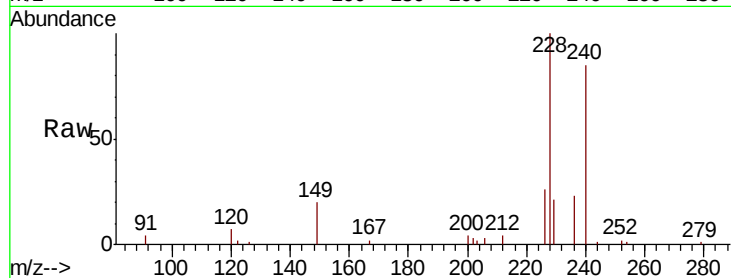
Tot Ion:240 Resp: 15256

Ion Ratio Lower Upper

240 100

120 8.0 12.9 19.3#

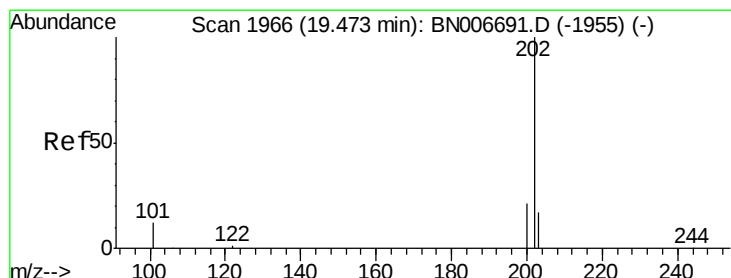
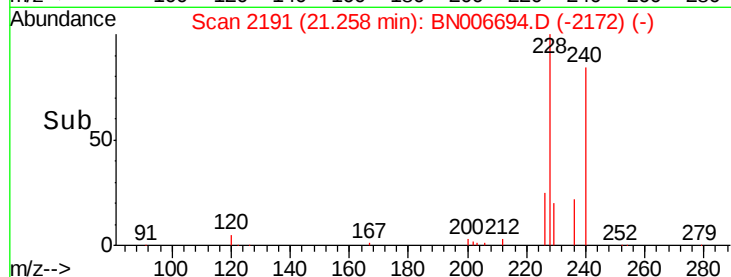
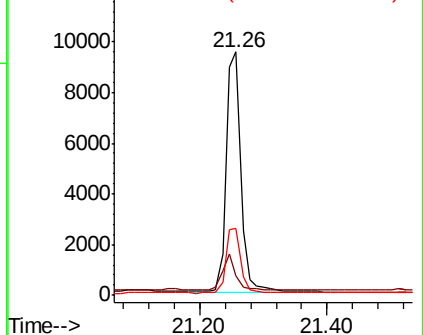
236 27.3 23.2 34.8



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: 3.551 ng

RT: 19.47 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

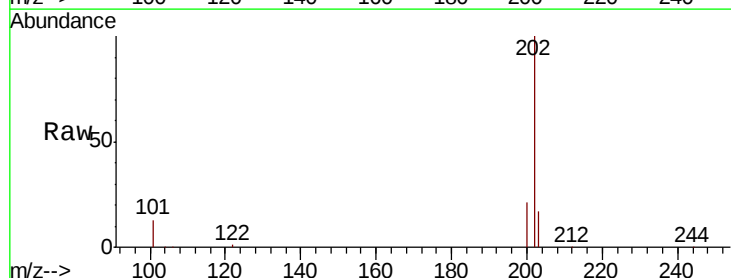
Tgt Ion:202 Resp: 189551

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

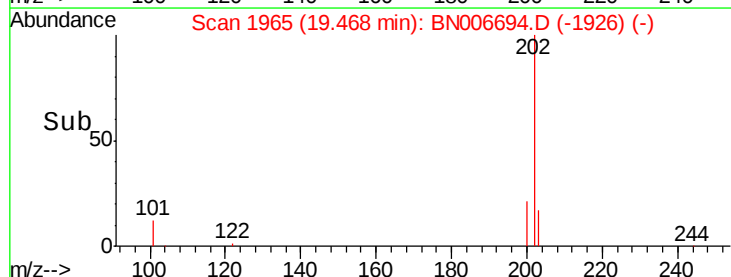
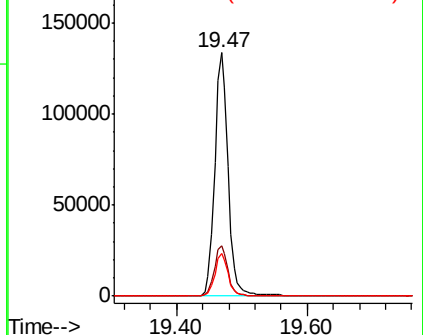
203 17.5 14.2 21.2



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: 3.439 ng

RT: 19.67 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Instrument :

BNA_N

ClientSampled :

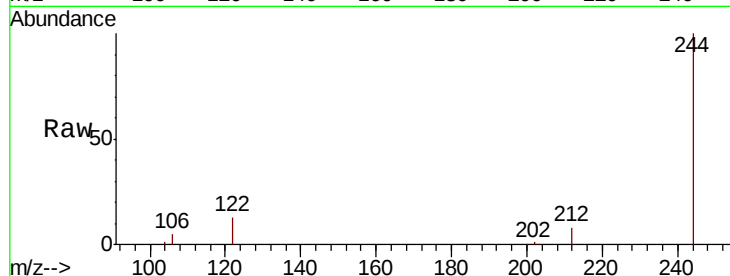
Tot Ion:244 Resp: 109898

Ion Ratio Lower Upper

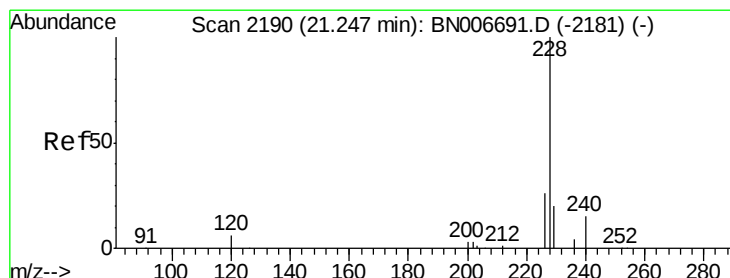
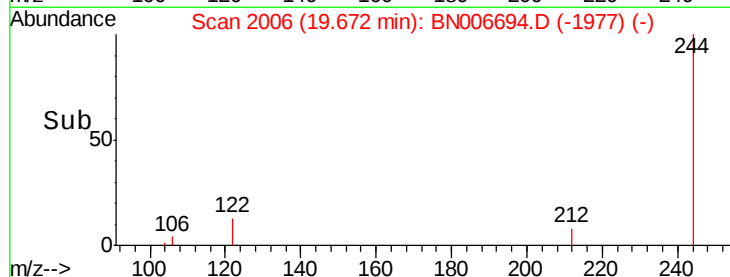
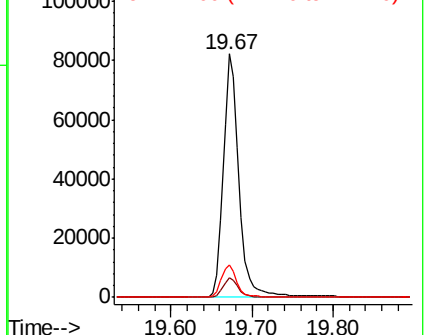
244 100

212 7.9 7.0 10.4

122 13.4 11.5 17.3



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: 3.436 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

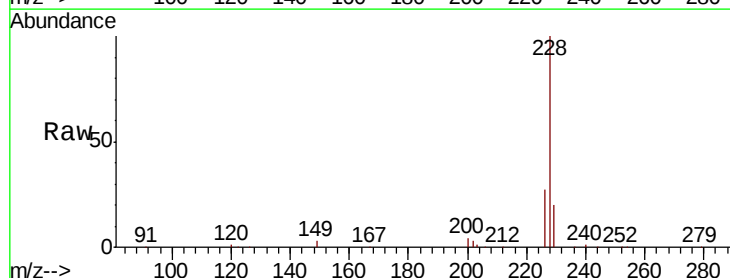
Tgt Ion:228 Resp: 171367

Ion Ratio Lower Upper

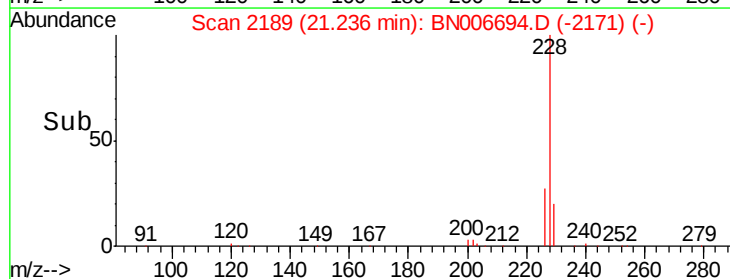
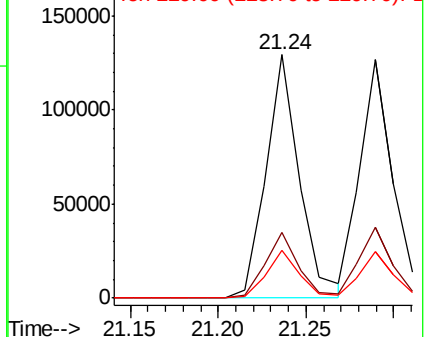
228 100

226 27.2 21.5 32.3

229 19.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.135 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Instrument :

BNA_N

ClientSampleId :

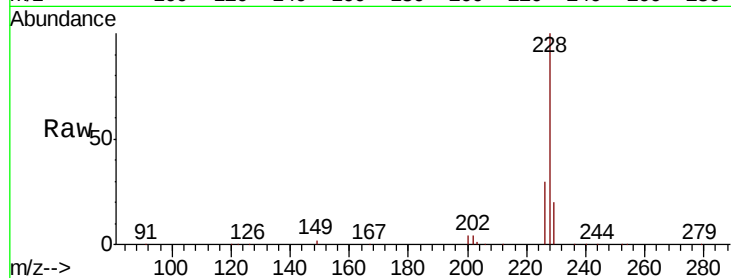
Tot Ion:228 Resp: 168545

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

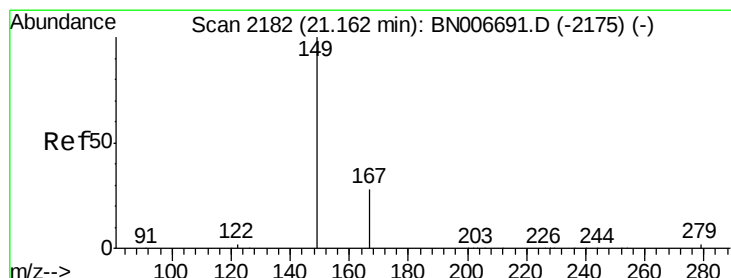
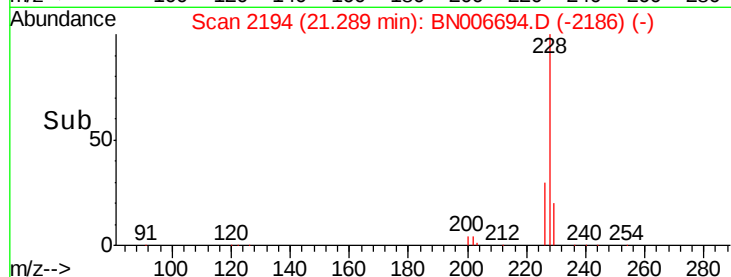
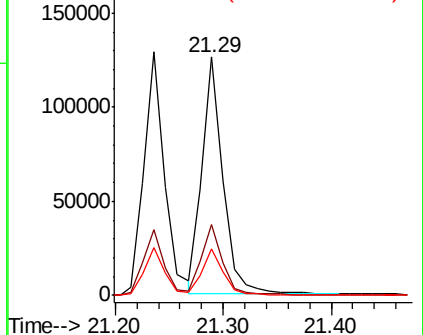
229 19.6 15.8 23.6



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: 4.820 ng

RT: 21.16 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

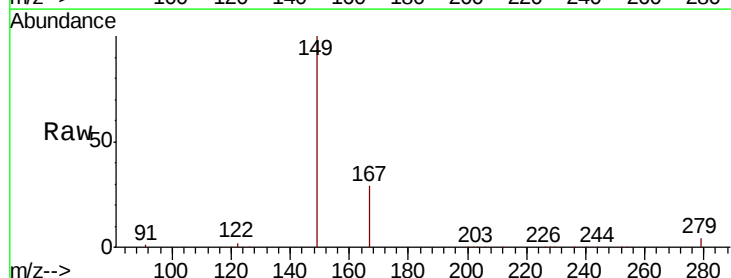
Tgt Ion:149 Resp: 120990

Ion Ratio Lower Upper

149 100

167 29.5 22.9 34.3

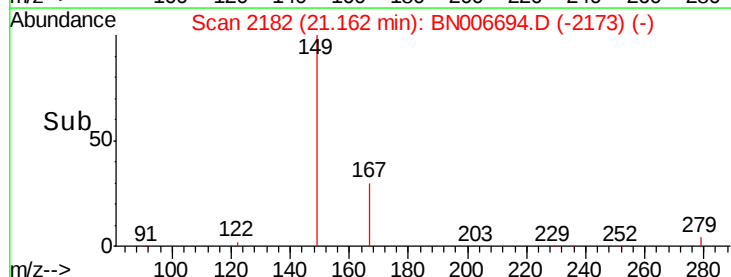
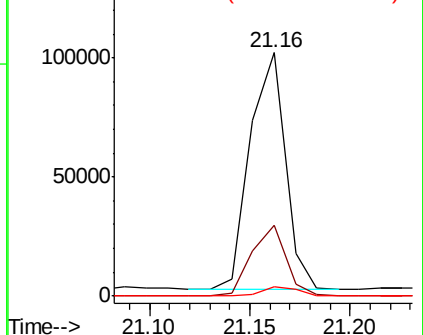
279 4.1 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 3.620 ng

RT: 25.72 min Scan# 3268

Delta R.T. -0.02 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Instrument :

BNA_N

ClientSampleId :

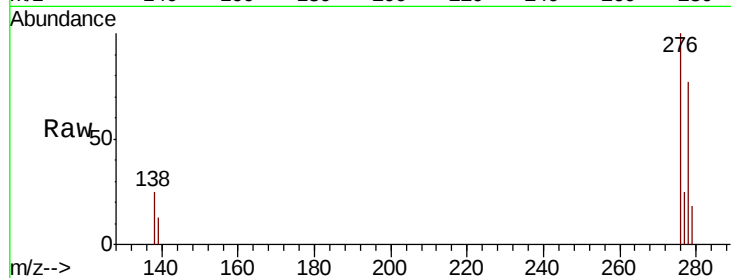
Tot Ion:276 Resp: 197028

Ion Ratio Lower Upper

276 100

138 24.9 19.5 29.3

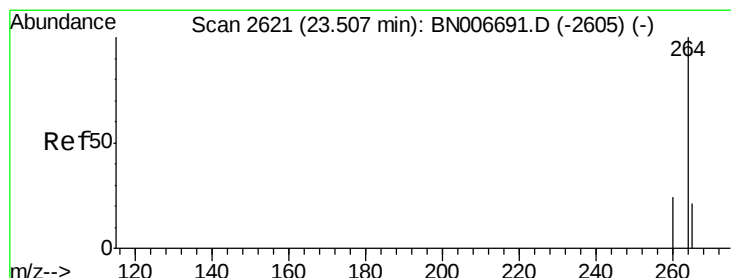
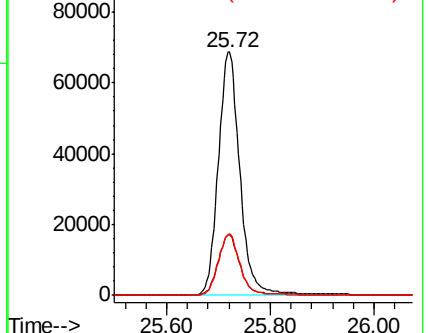
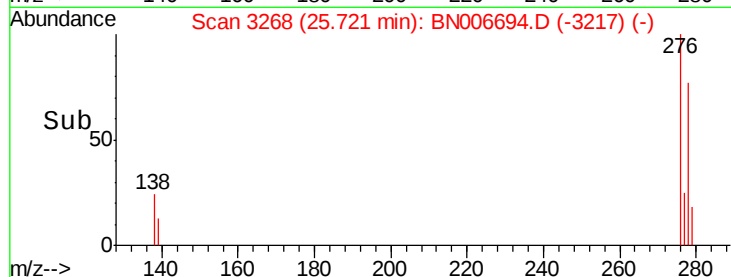
277 25.0 19.7 29.5



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# 2617

Delta R.T. -0.01 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

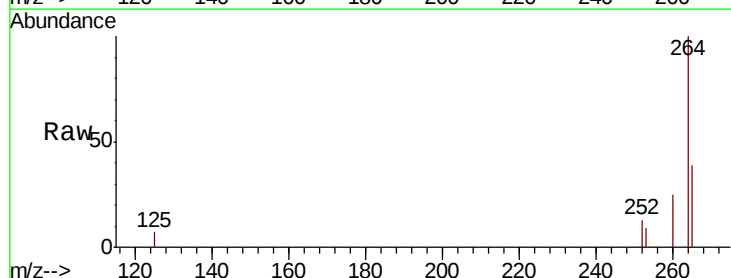
Tgt Ion:264 Resp: 15983

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.2

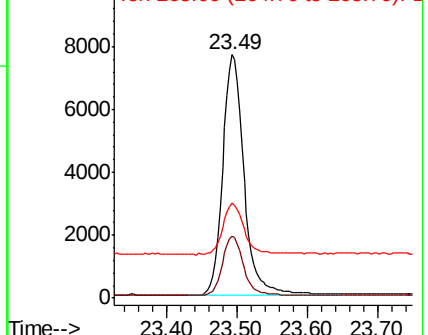
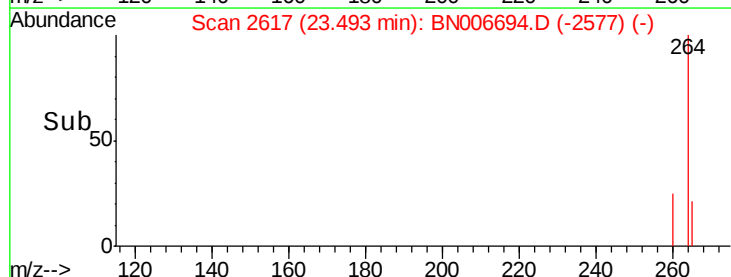
265 38.9 33.7 50.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

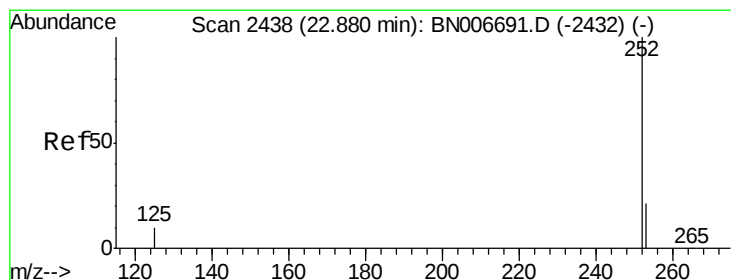
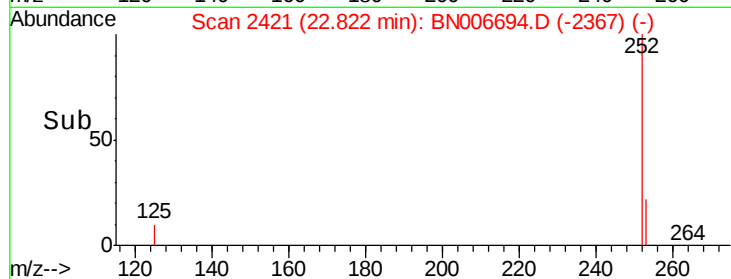
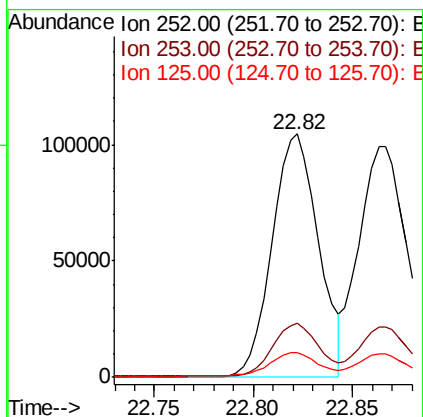
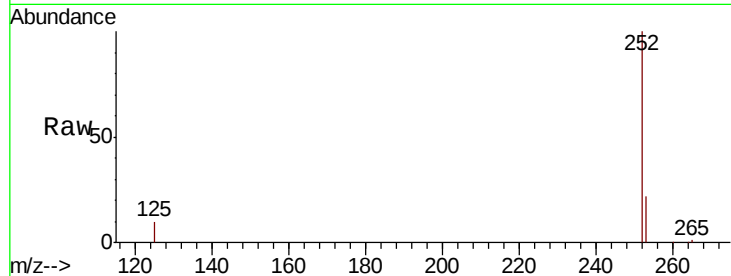




#35
Benzo(b)fluoranthene
Concen: 3.110 ng
RT: 22.82 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

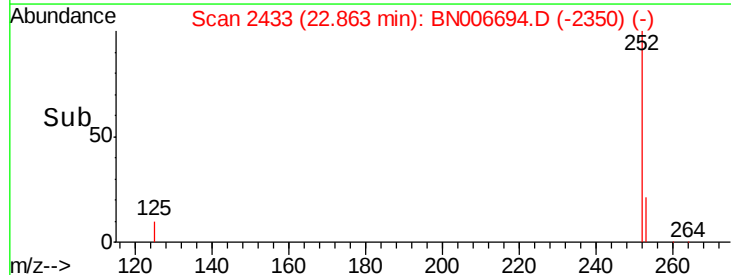
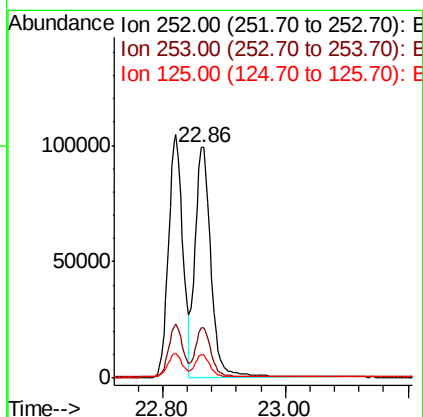
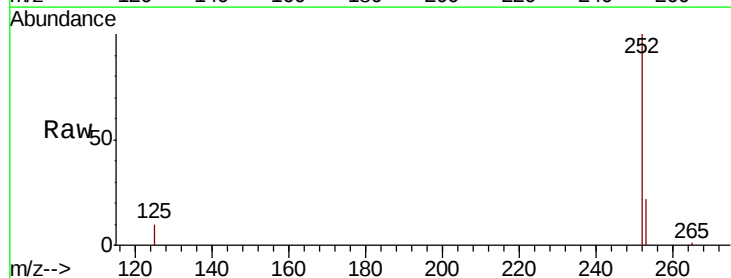
Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 169085
Ion Ratio Lower Upper
252 100
253 22.1 20.2 30.2
125 10.2 11.5 17.3#



#36
Benzo(k)fluoranthene
Concen: 3.059 ng
RT: 22.86 min Scan# 2433
Delta R.T. -0.02 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Tgt Ion:252 Resp: 177313
Ion Ratio Lower Upper
252 100
253 21.9 20.1 30.1
125 10.1 11.4 17.0#





#37

Benzo(a)pyrene

Concen: 3.187 ng

RT: 23.39 min Scan# 2588

Delta R.T. -0.02 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Instrument :

BNA_N

ClientSampleId :

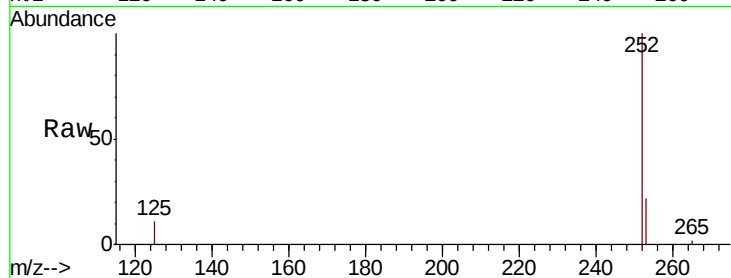
Tot Ion:252 Resp: 161984

Ion Ratio Lower Upper

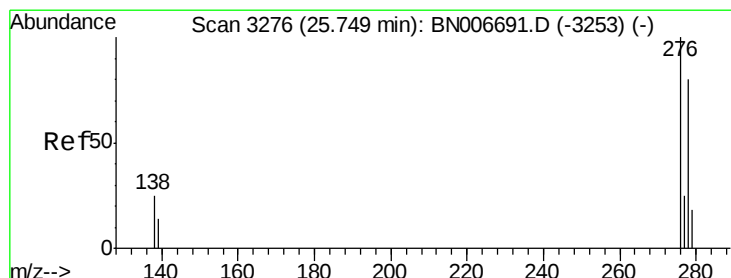
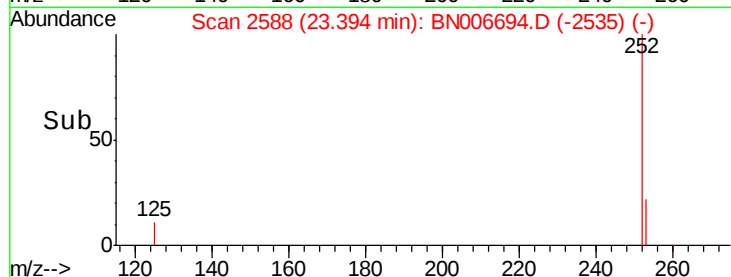
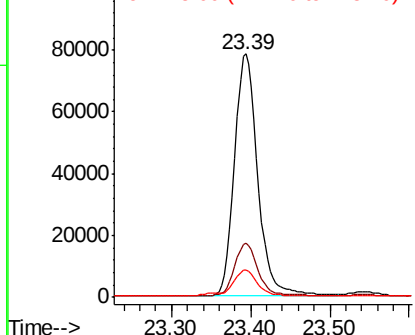
252 100

253 22.3 21.4 32.2

125 11.3 13.3 19.9#



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: 3.572 ng

RT: 25.72 min Scan# 3268

Delta R.T. -0.03 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

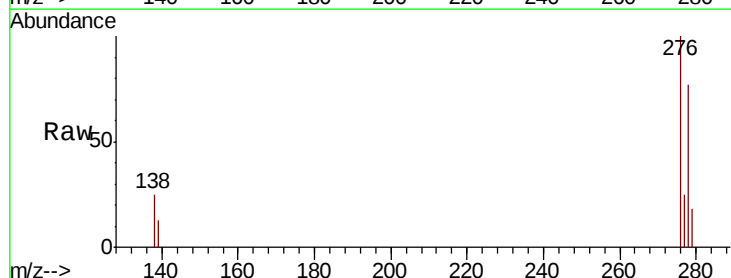
Tgt Ion:278 Resp: 158603

Ion Ratio Lower Upper

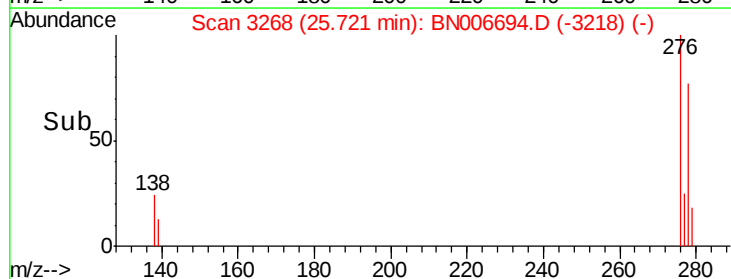
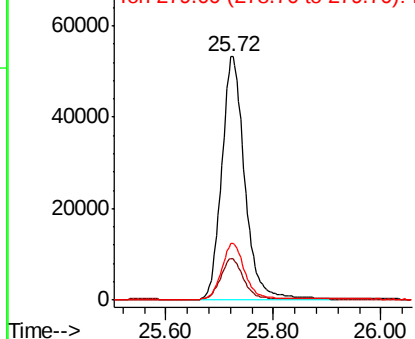
278 100

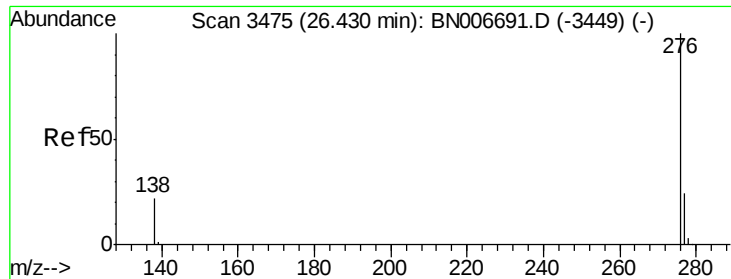
139 17.2 16.2 24.4

279 23.3 20.7 31.1



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: 3.644 ng

RT: 26.40 min Scan# 3467

Delta R.T. -0.03 min

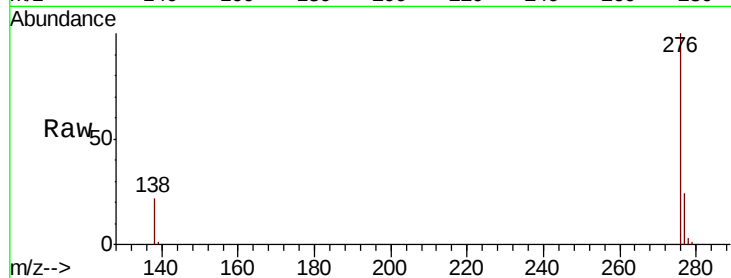
Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 161510

Ion Ratio Lower Upper

276 100

277 23.6 20.6 30.8

138 21.8 19.7 29.5

