

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
 Data File : BN006715.D
 Acq On : 05 Jul 2019 14:49
 Operator : HP/JU
 Sample : K3560-12MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-009-B218-062419MS

Quant Time: Jul 05 22:50:28 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 05 05:30:28 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3312	0.40	ng	-0.03
7) Naphthalene-d8	10.36	136	12721	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	7166	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	16000	0.40	ng	-0.02
27) Chrysene-d12	21.23	240	15551	0.40	ng	-0.03
34) Perylene-d12	23.46	264	18458	0.40	ng	-0.05

System Monitoring Compounds

4) 2-Fluorophenol	5.21	112	3336	0.37	ng	-0.02
5) Phenol-d6	6.78	99	4818	0.42	ng	-0.05
8) Nitrobenzene-d5	8.75	82	3446	0.35	ng	-0.04
11) 2-Methylnaphthalene-d10	11.97	152	9023	0.47	ng	-0.02
14) 2,4,6-Tribromophenol	15.76	330	1374	0.39	ng	-0.03
15) 2-Fluorobiphenyl	12.86	172	9685	0.35	ng	-0.02
25) Fluoranthene-d10	19.05	212	16369	0.36	ng	-0.02
29) Terphenyl-d14	19.66	244	11653	0.33	ng	-0.02

Target Compounds

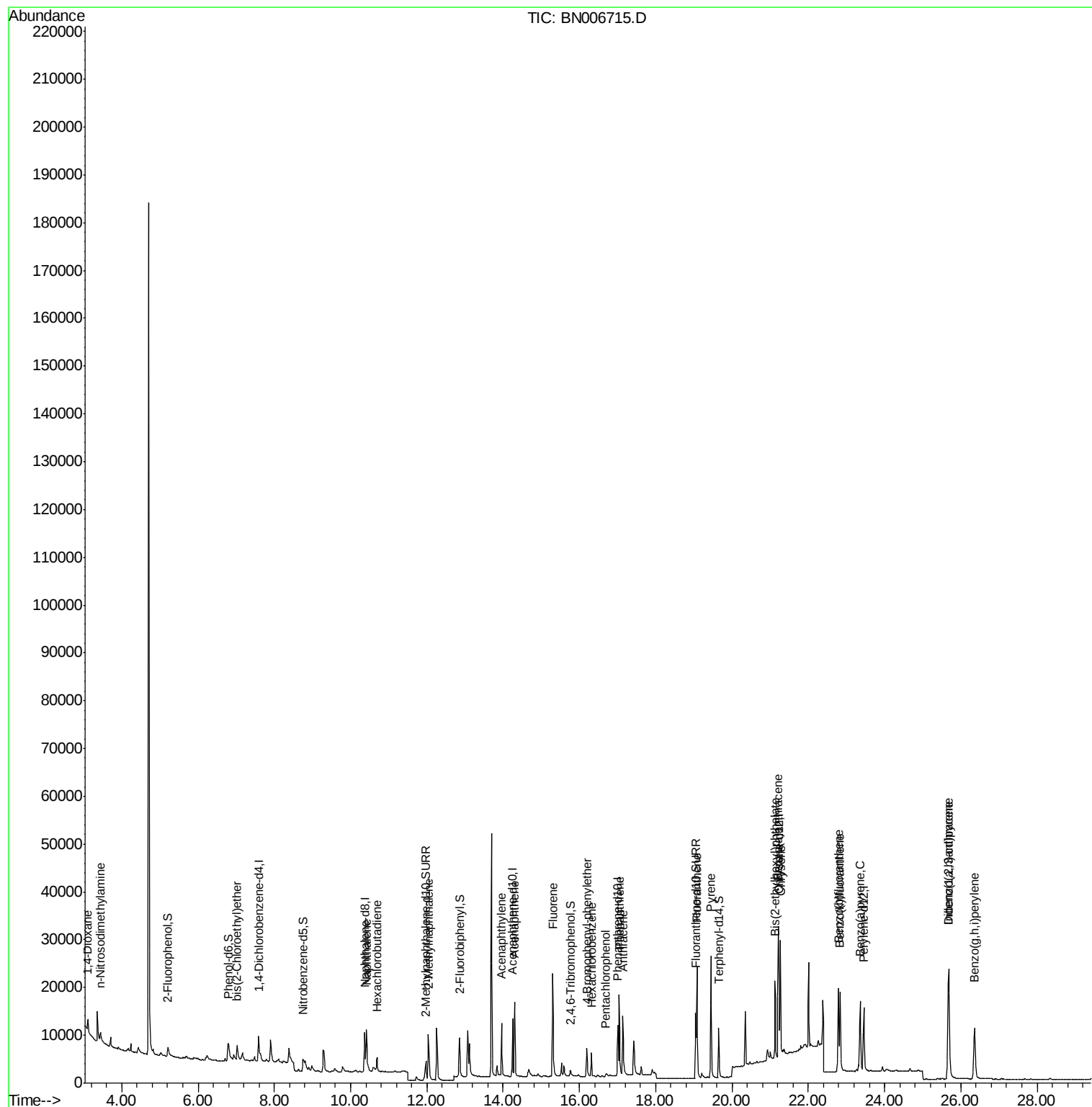
						Qvalue
2) 1,4-Dioxane	3.12	88	1548	0.299	ng	# 37
3) n-Nitrosodimethylamine	3.44	42	1745	0.447	ng	# 93
6) bis(2-Chloroethyl)ether	7.02	93	3701	0.385	ng	95
9) Naphthalene	10.41	128	13710	0.394	ng	100
10) Hexachlorobutadiene	10.69	225	2523	0.358	ng	# 99
12) 2-Methylnaphthalene	12.04	142	9096	0.368	ng	98
16) Acenaphthylene	13.96	152	14214	0.398	ng	99
17) Acenaphthene	14.30	154	8745	0.384	ng	98
18) Fluorene	15.30	166	11030	0.390	ng	100
20) 4-Bromophenyl-phenylether	16.20	248	3649	0.387	ng	95
21) Hexachlorobenzene	16.31	284	4096	0.365	ng	98
22) Pentachlorophenol	16.70	266	737	0.581	ng	91
23) Phenanthrene	17.05	178	18511	0.401	ng	100
24) Anthracene	17.14	178	15675	0.376	ng	99
26) Fluoranthene	19.08	202	22665	0.419	ng	99
28) Pyrene	19.45	202	24319	0.391	ng	100
30) Benzo(a)anthracene	21.21	228	20448	0.381	ng	99
31) Chrysene	21.27	228	21893	0.396	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	15614	0.098	ng	100
33) Indeno(1,2,3-cd)pyrene	25.68	276	27495	0.416	ng	98
35) Benzo(b)fluoranthene	22.79	252	21997	0.371	ng	98
36) Benzo(k)fluoranthene	22.83	252	23325	0.363	ng	99
37) Benzo(a)pyrene	23.36	252	22398	0.390	ng	96
38) Dibenzo(a,h)anthracene	25.68	278	22200	0.389	ng	98
39) Benzo(g,h,i)perylene	26.36	276	24009	0.409	ng	96

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006715.D
Acq On : 05 Jul 2019 14:49
Operator : HP/JU
Sample : K3560-12MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

Quant Time: Jul 05 22:50:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration

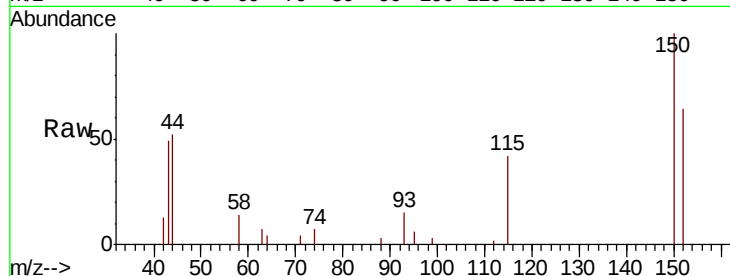




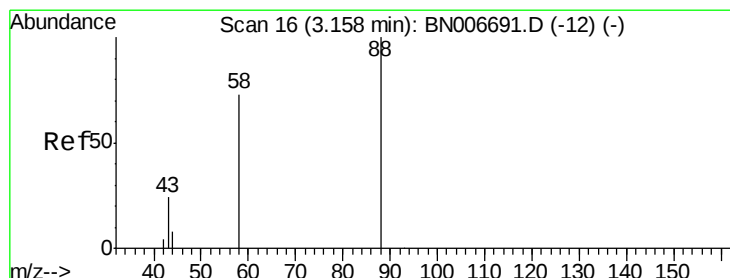
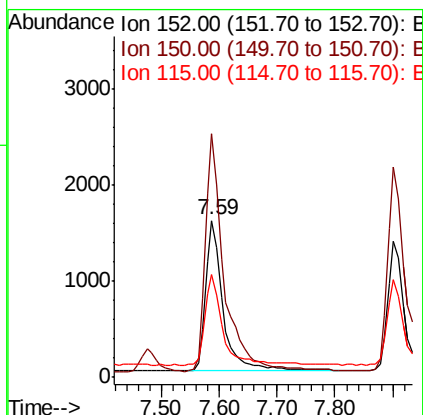
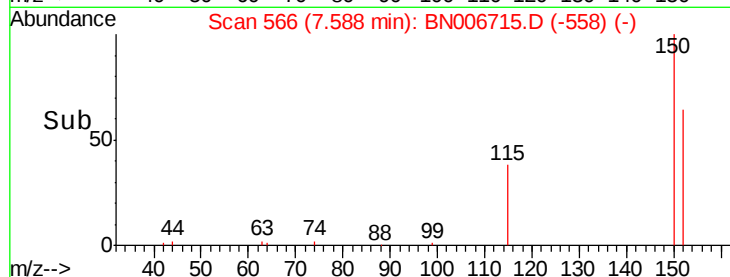
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.59 min Scan# 566
 Delta R.T. -0.03 min
 Lab File: BN006715.D
 Acq: 05 Jul 2019 14:49

Instrument :
 BNA_N
 ClientSampleId :
 PST-009-B218-062419MS

Tgt Ion: 152 Resp: 3312
 Ion Ratio Lower Upper
 152 100
 150 155.2 120.6 181.0
 115 65.3 51.0 76.6

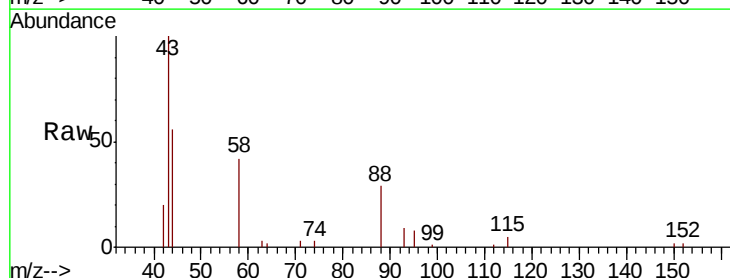


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

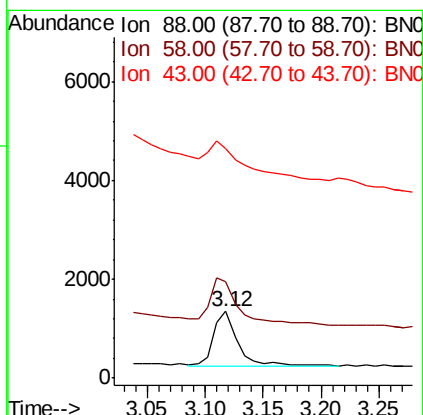
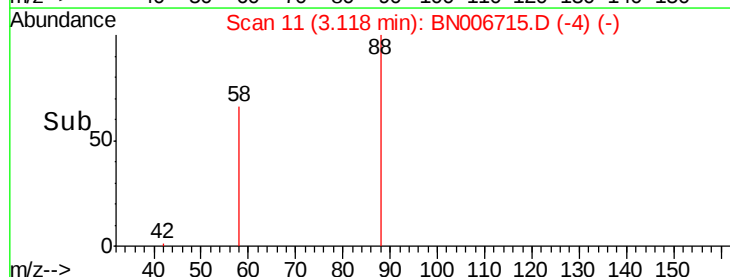


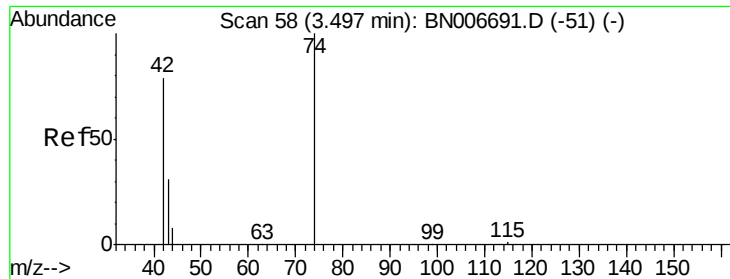
#2
 1,4-Dioxane
 Concen: 0.299 ng
 RT: 3.12 min Scan# 11
 Delta R.T. -0.04 min
 Lab File: BN006715.D
 Acq: 05 Jul 2019 14:49

Tgt Ion: 88 Resp: 1548
 Ion Ratio Lower Upper
 88 100
 58 108.9 61.1 91.7#
 43 108.9 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: 0.447 ng

RT: 3.44 min Scan# 51

Delta R.T. -0.06 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MS

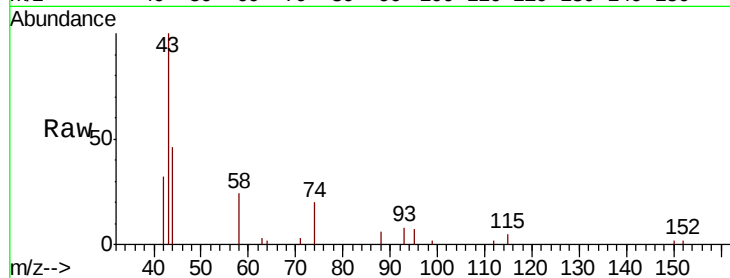
Tgt Ion: 42 Resp: 1745

Ion Ratio Lower Upper

42 100

74 126.2 106.6 160.0

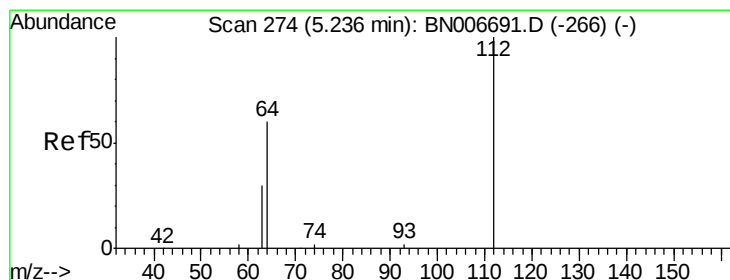
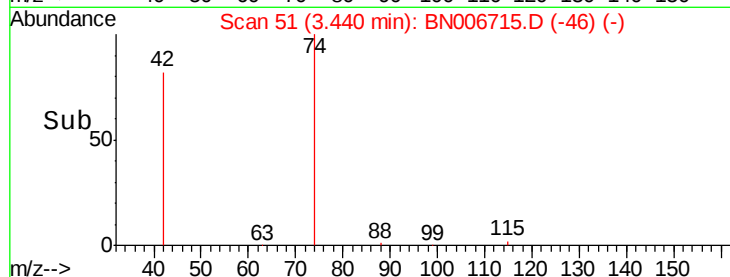
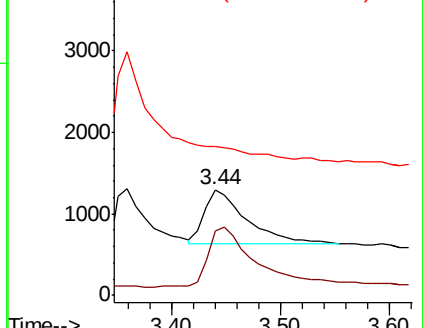
44 0.0 8.0 12.0#



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: 0.371 ng

RT: 5.21 min Scan# 271

Delta R.T. -0.02 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

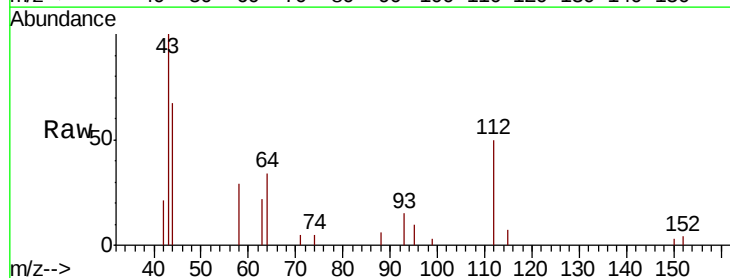
Tgt Ion: 112 Resp: 3336

Ion Ratio Lower Upper

112 100

64 64.3 49.8 74.6

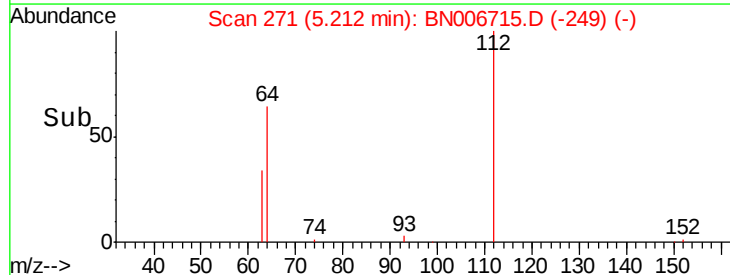
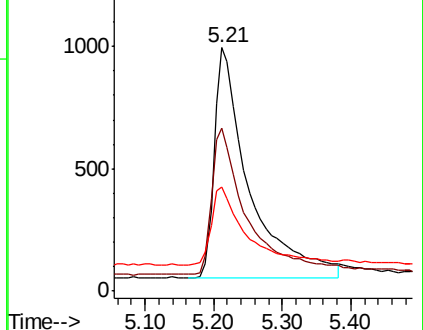
63 34.4 25.8 38.6

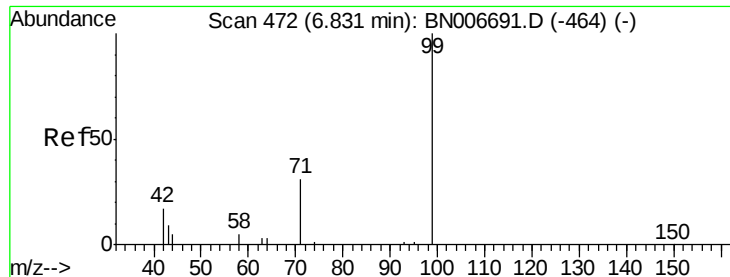


Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.423 ng

RT: 6.78 min Scan# 466

Delta R.T. -0.05 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MS

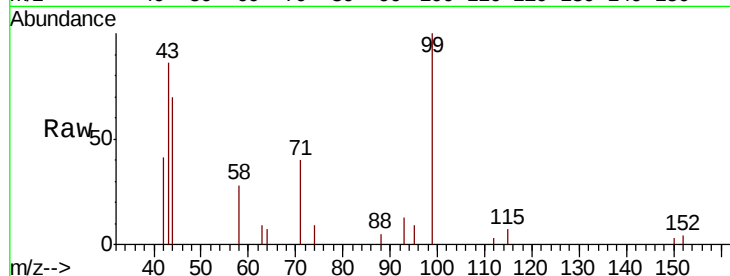
Tgt Ion: 99 Resp: 4818

Ion Ratio Lower Upper

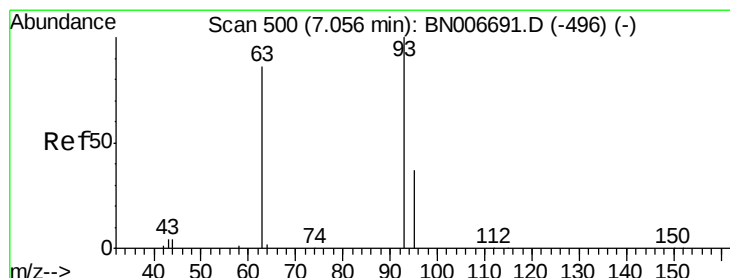
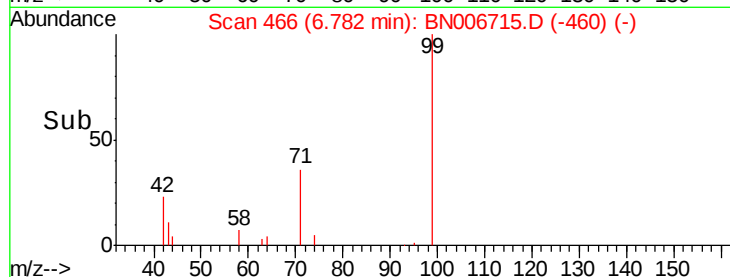
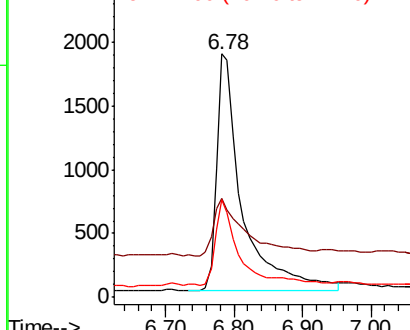
99 100

42 30.9 16.6 25.0#

71 33.8 26.0 39.0



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: 0.385 ng

RT: 7.02 min Scan# 496

Delta R.T. -0.03 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

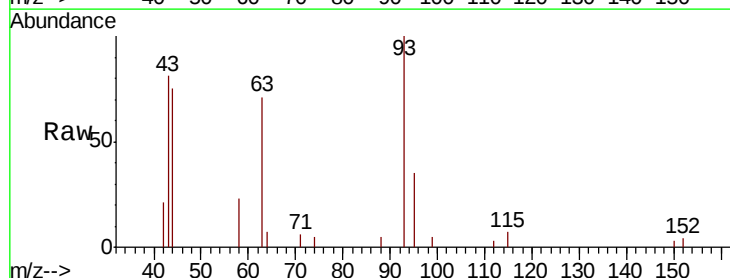
Tgt Ion: 93 Resp: 3701

Ion Ratio Lower Upper

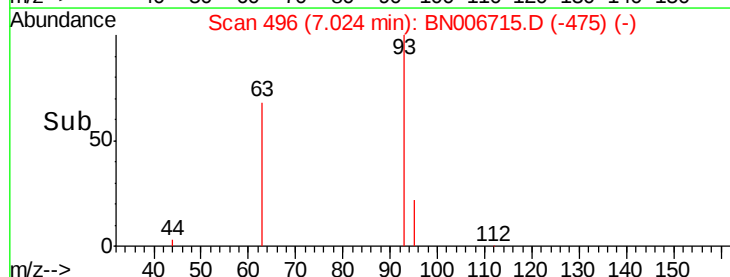
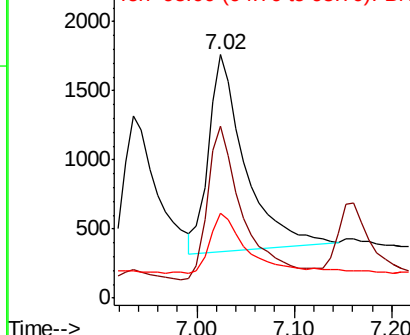
93 100

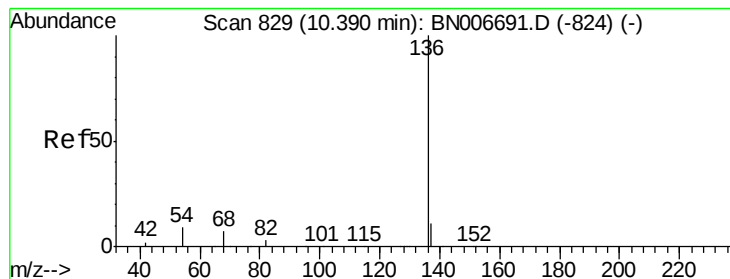
63 77.9 58.6 87.8

95 32.8 28.3 42.5



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: 10.36 min Scan# 827

Delta R.T. -0.03 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

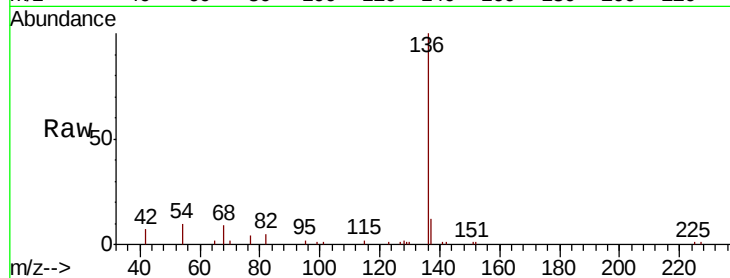
Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MS

Tgt Ion:	136	Resp:	12721
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	10.4	8.4	12.6
68	8.9	6.8	10.2

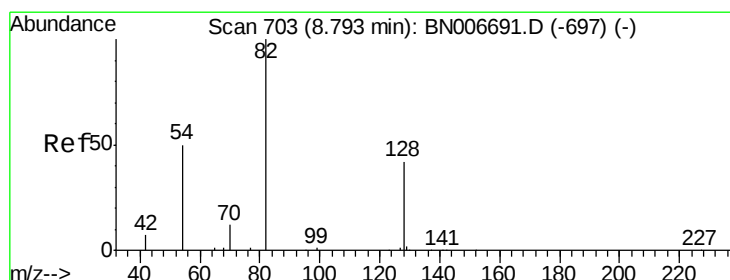
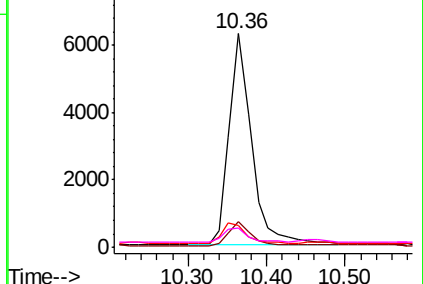
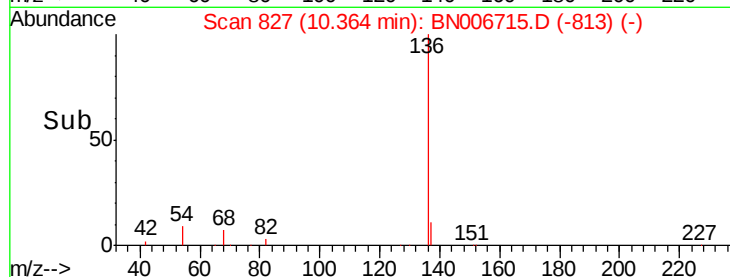


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.353 ng

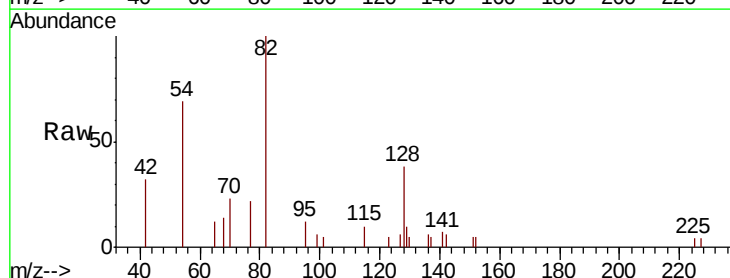
RT: 8.75 min Scan# 700

Delta R.T. -0.04 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

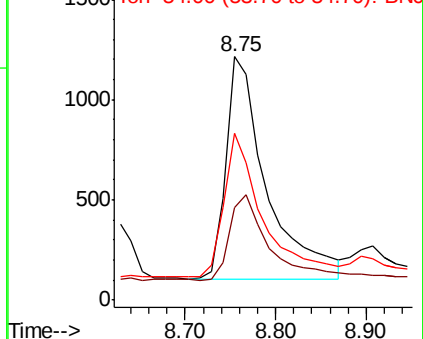
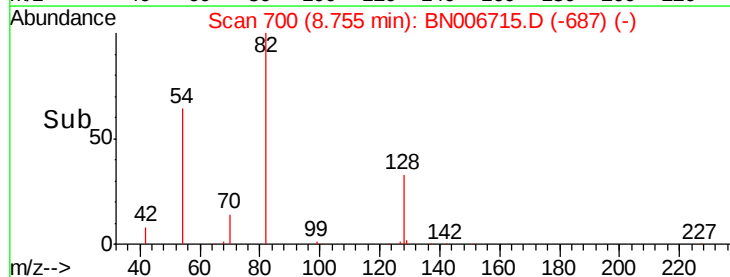
Tgt Ion:	82	Resp:	3446
Ion	Ratio	Lower	Upper
82	100		
128	38.1	36.1	54.1
54	68.6	44.5	66.7#

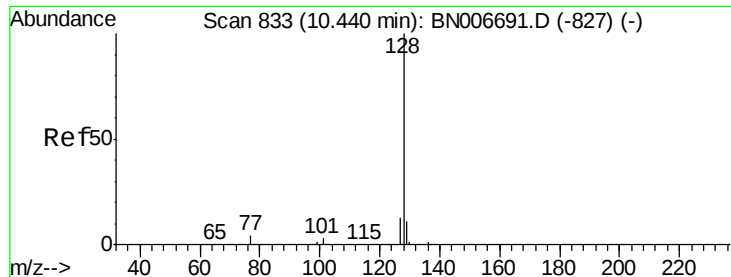


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.394 ng

RT: 10.41 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MS

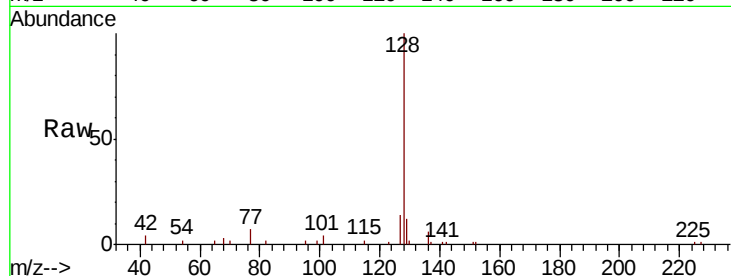
Tgt Ion:128 Resp: 13710

Ion Ratio Lower Upper

128 100

129 12.2 9.6 14.4

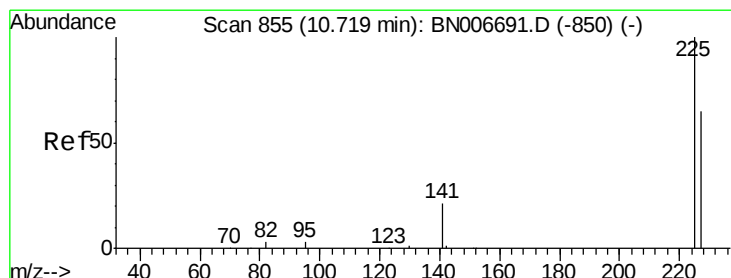
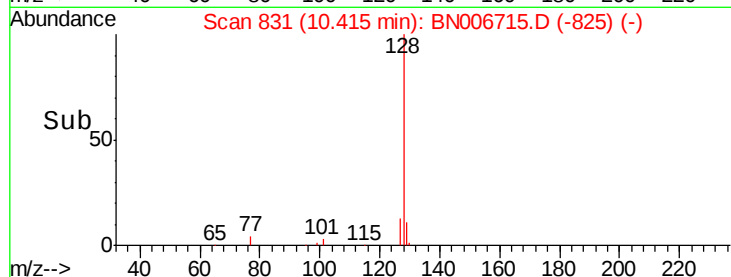
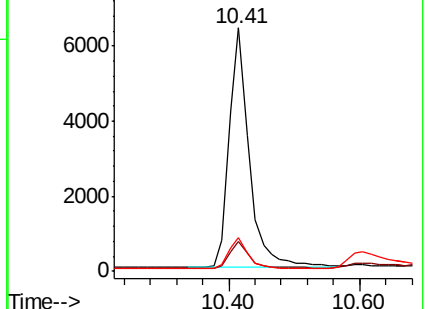
127 13.6 11.0 16.4



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: 0.358 ng

RT: 10.69 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

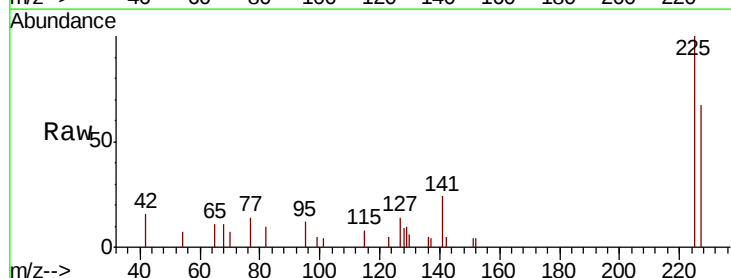
Tgt Ion:225 Resp: 2523

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

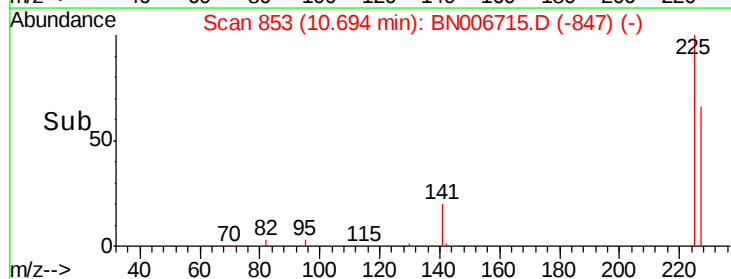
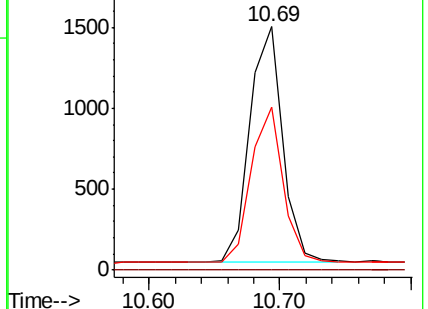
227 64.3 50.9 76.3

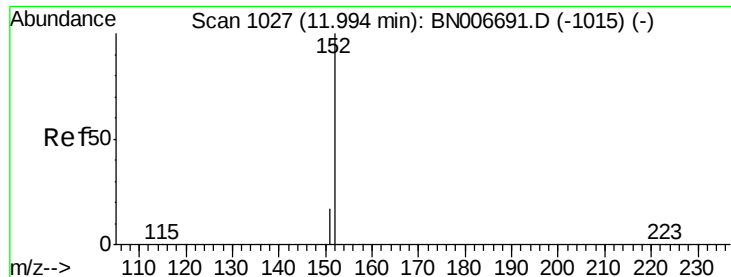


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

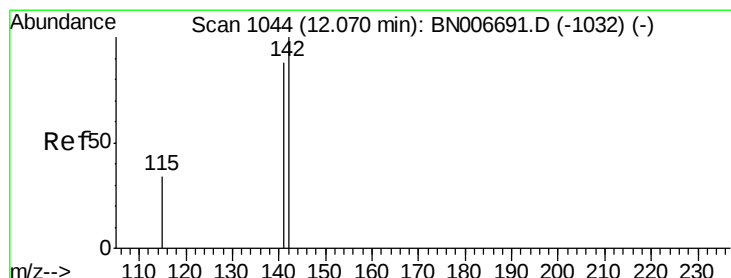
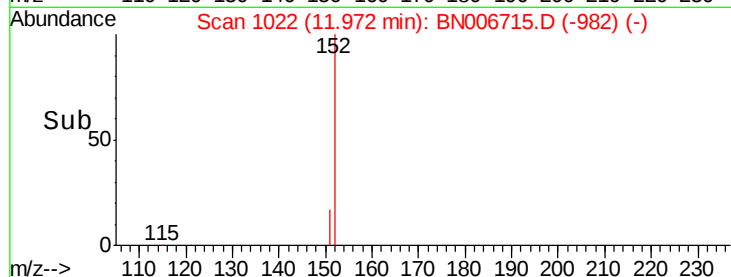
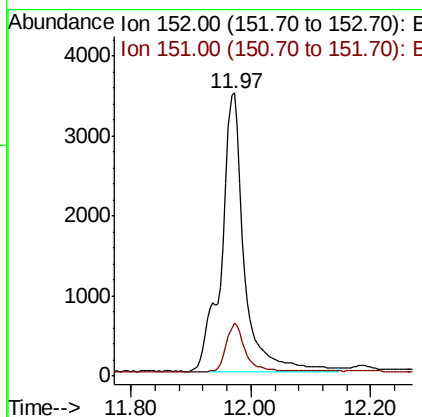
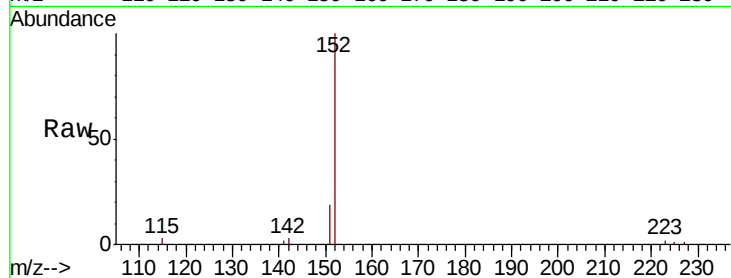




#11
 2-Methylnaphthalene-d10
 Concen: 0.472 ng
 RT: 11.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BN006715.D
 Acq: 05 Jul 2019 14:49

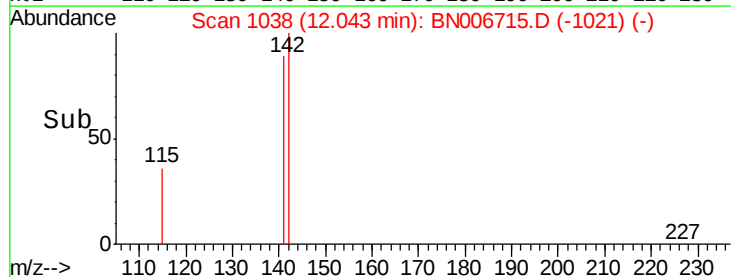
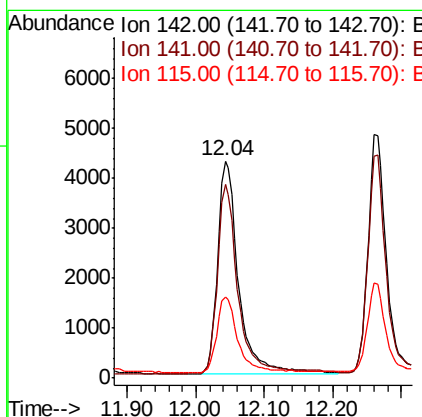
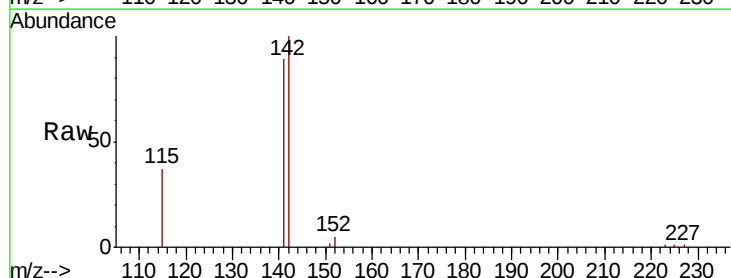
Instrument :
 BNA_N
 ClientSampleId :
 PST-009-B218-062419MS

Tgt Ion:152 Resp: 9023
 Ion Ratio Lower Upper
 152 100
 151 14.9 14.9 22.3#



#12
 2-Methylnaphthalene
 Concen: 0.368 ng
 RT: 12.04 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BN006715.D
 Acq: 05 Jul 2019 14:49

Tgt Ion:142 Resp: 9096
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.3 105.5
 115 37.5 28.9 43.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MS

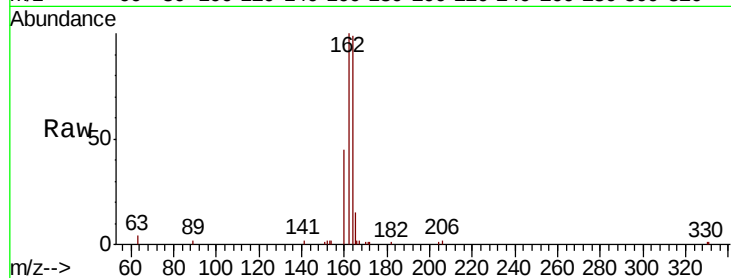
Tgt Ion:164 Resp: 7166

Ion Ratio Lower Upper

164 100

162 101.2 80.8 121.2

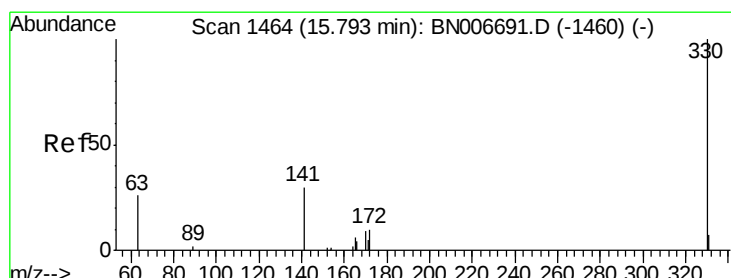
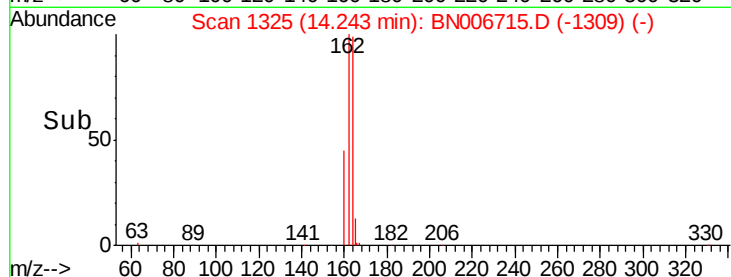
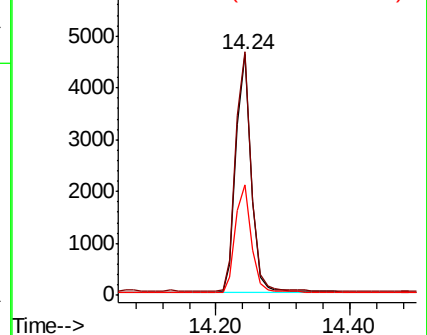
160 45.9 37.0 55.6



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: 0.390 ng

RT: 15.76 min Scan# 1461

Delta R.T. -0.03 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

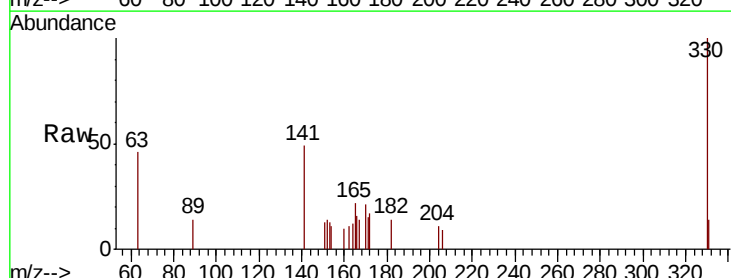
Tgt Ion:330 Resp: 1374

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

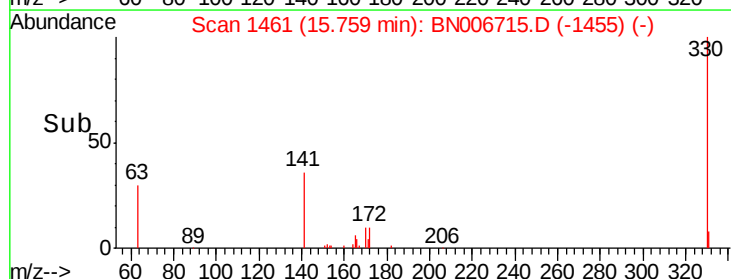
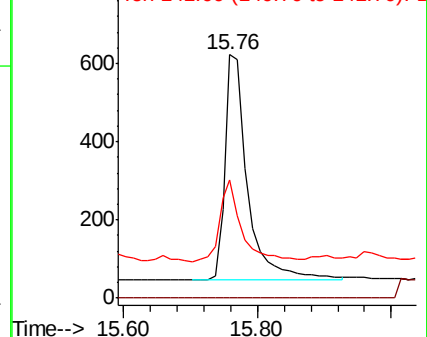
141 33.9 24.8 37.2



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

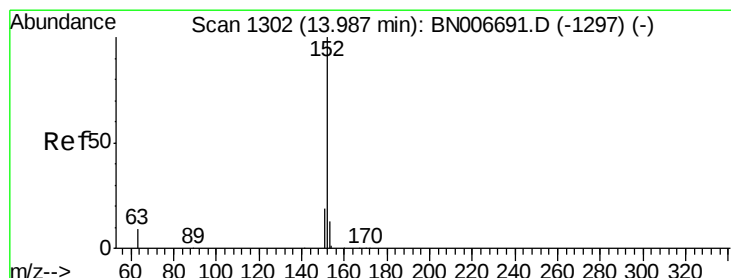
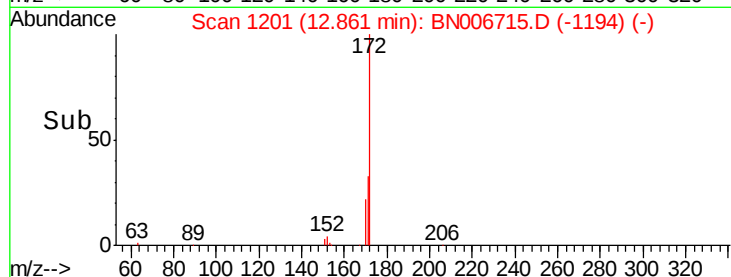
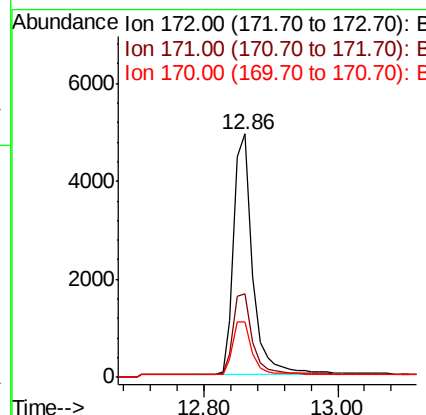
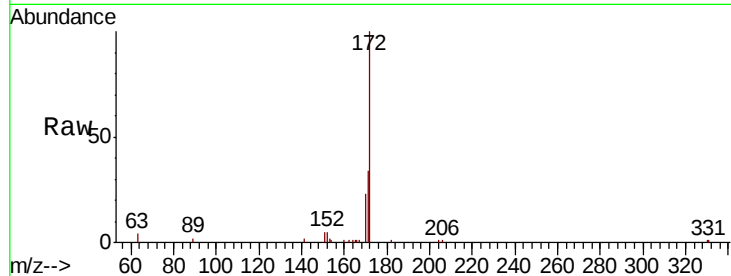




#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

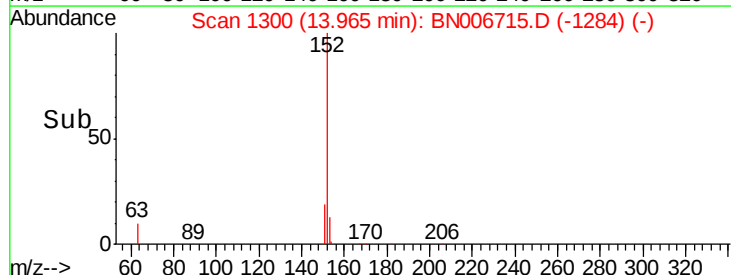
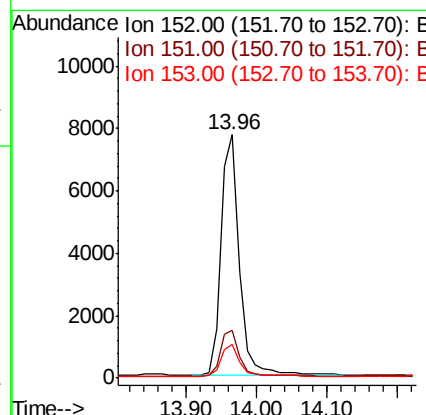
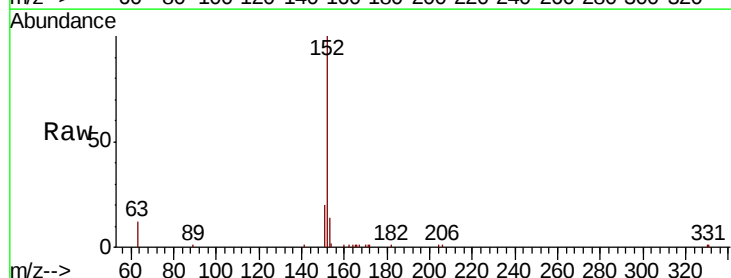
Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419MS

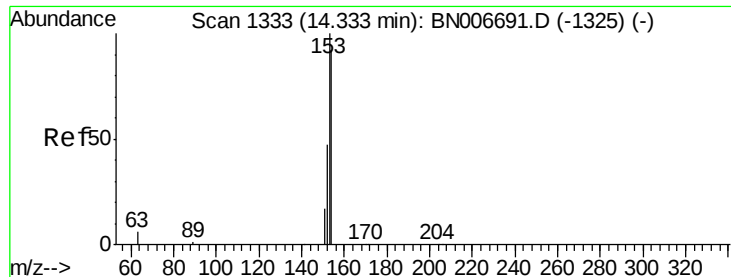
Tgt Ion:172 Resp: 9685
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 23.0 18.9 28.3



#16
Acenaphthylene
Concen: 0.398 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006715.D
Acq: 05 Jul 2019 14:49

Tgt Ion:152 Resp: 14214
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.384 ng

RT: 14.30 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MS

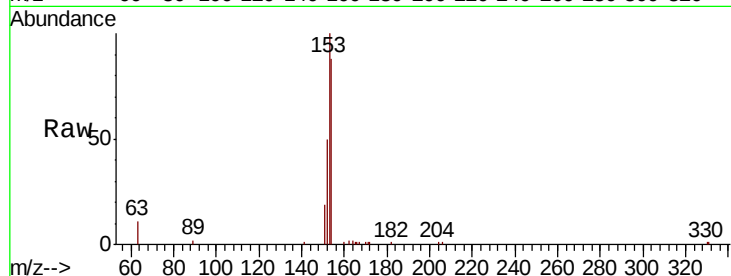
Tgt Ion:154 Resp: 8745

Ion Ratio Lower Upper

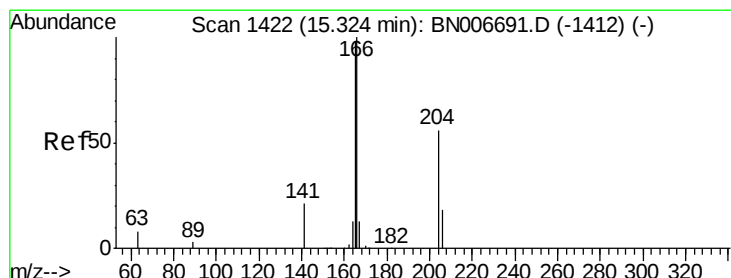
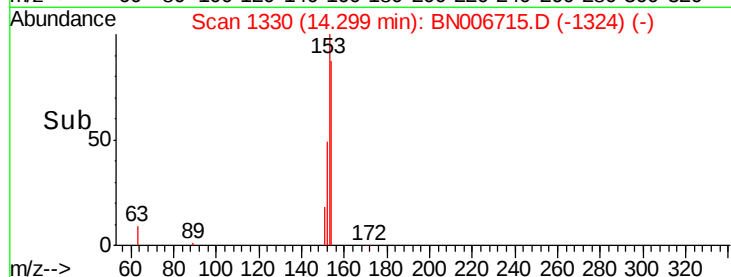
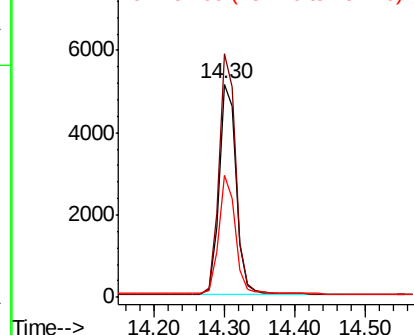
154 100

153 112.9 88.9 133.3

152 54.7 42.8 64.2



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: 0.390 ng

RT: 15.30 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

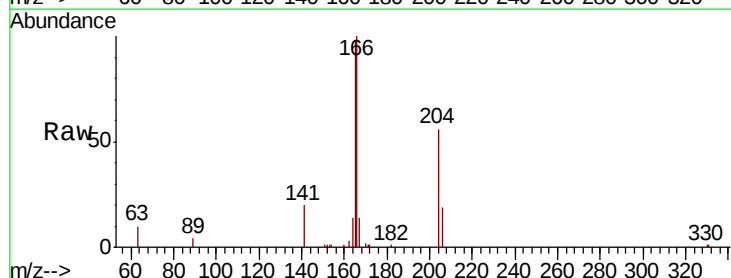
Tgt Ion:166 Resp: 11030

Ion Ratio Lower Upper

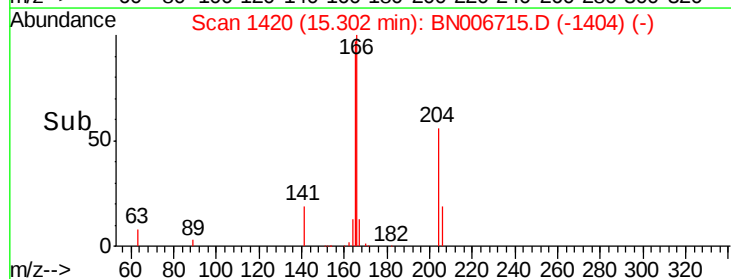
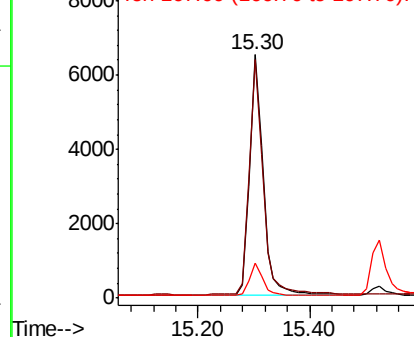
166 100

165 98.0 78.0 117.0

167 13.4 10.7 16.1



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: 17.00 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MS

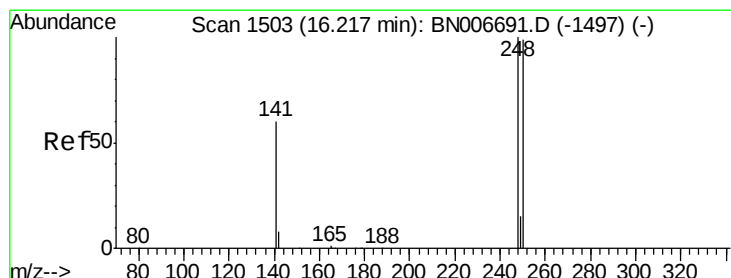
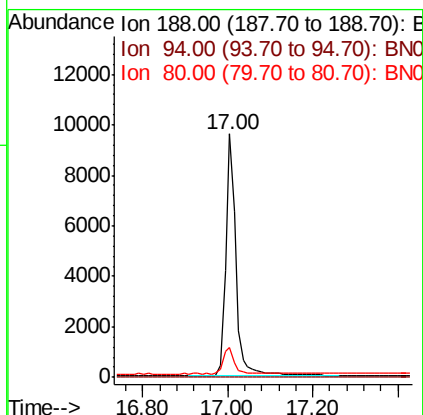
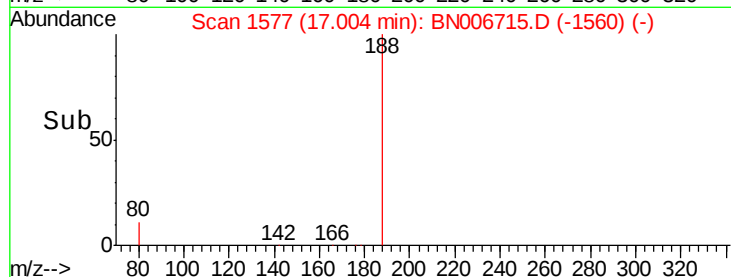
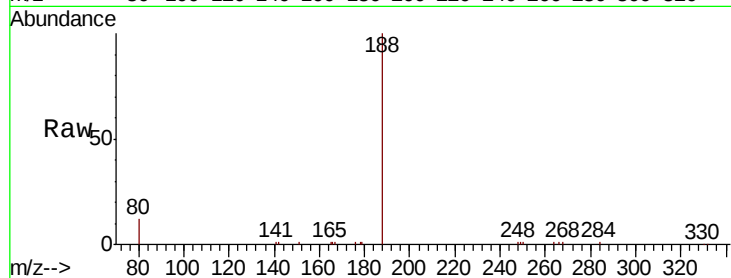
Tgt Ion:188 Resp: 16000

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.3 10.3 15.5



#20

4-Bromophenyl-phenylether

Concen: 0.387 ng

RT: 16.20 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

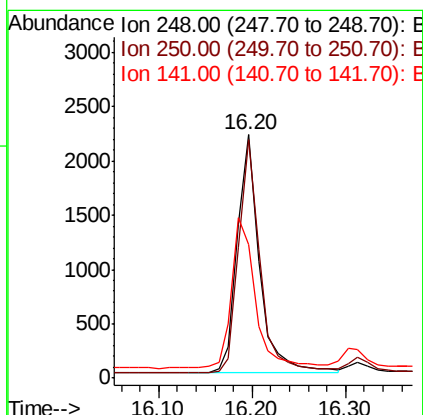
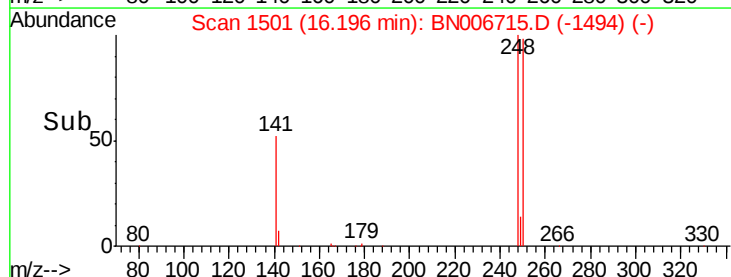
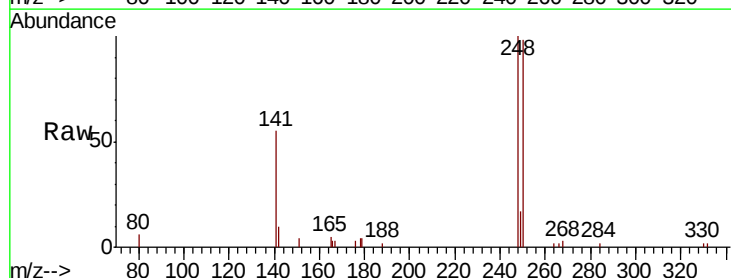
Tgt Ion:248 Resp: 3649

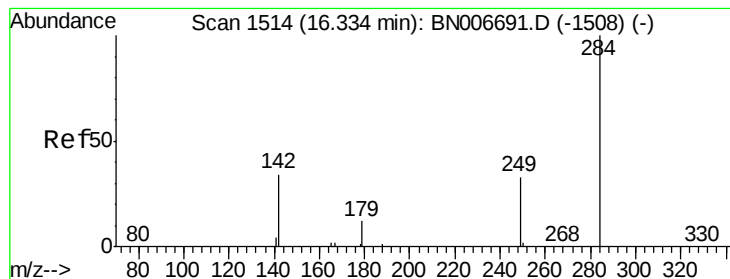
Ion Ratio Lower Upper

248 100

250 98.0 79.0 118.6

141 54.8 50.2 75.4





#21

Hexachlorobenzene

Concen: 0.365 ng

RT: 16.31 min Scan# 1512

Delta R.T. -0.02 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

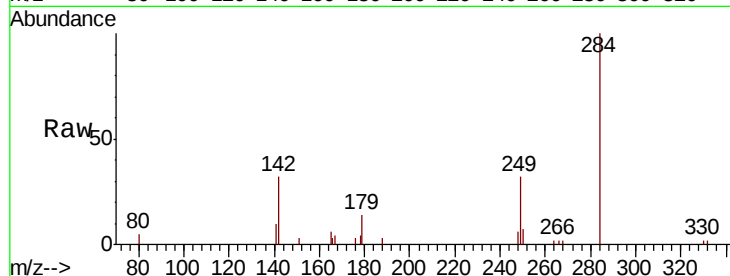
Instrument :

BNA_N

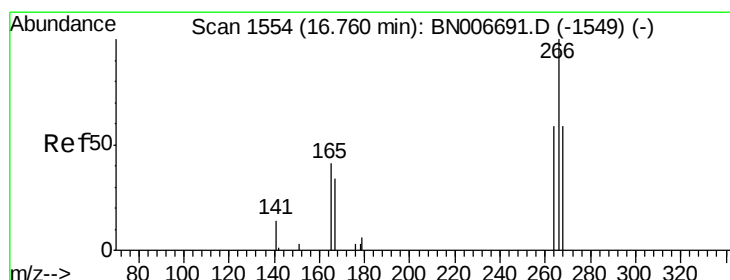
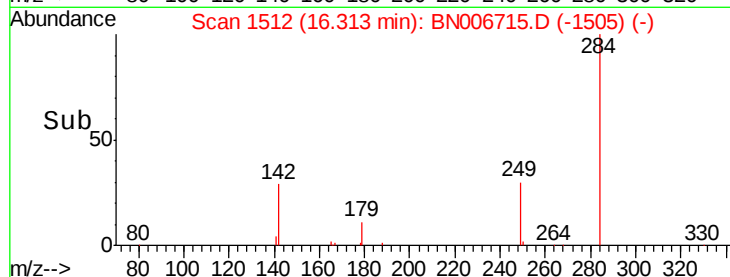
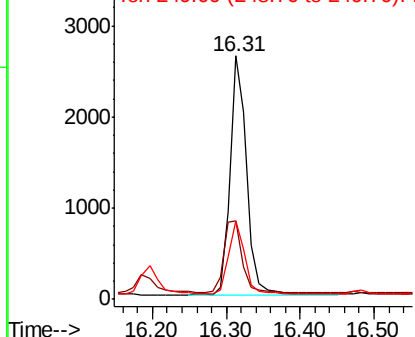
ClientSampleId :

PST-009-B218-062419MS

Tgt Ion:	284	Resp:	4096
Ion Ratio	Lower	Upper	
284	100		
142	32.3	26.9	40.3
249	29.7	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: 0.581 ng

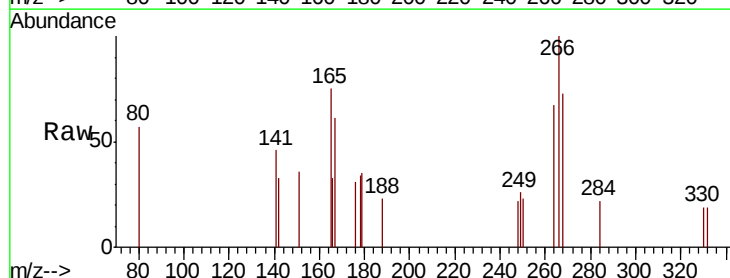
RT: 16.70 min Scan# 1548

Delta R.T. -0.06 min

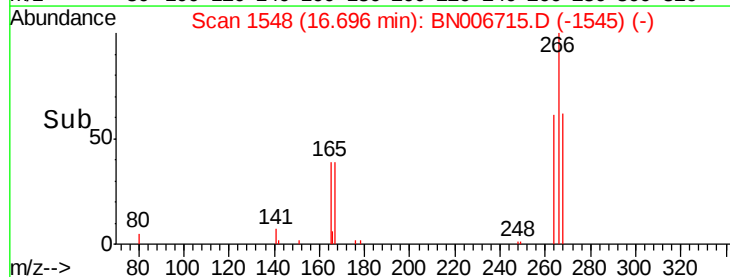
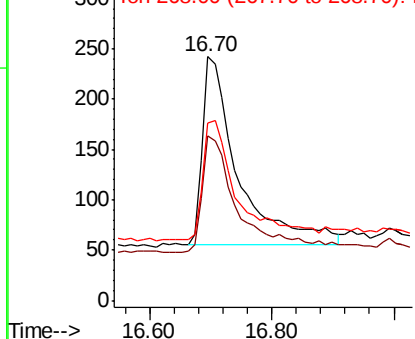
Lab File: BN006715.D

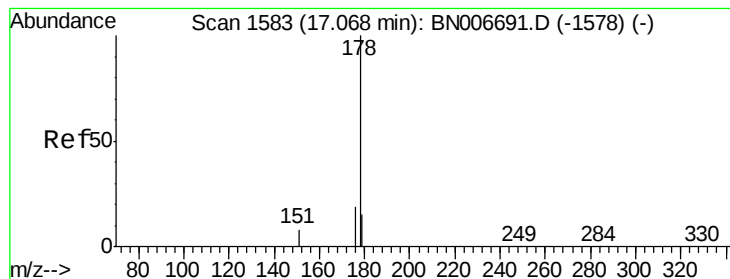
Acq: 05 Jul 2019 14:49

Tgt Ion:	266	Resp:	737
Ion Ratio	Lower	Upper	
266	100		
264	67.4	57.6	86.4
268	72.7	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: 0.401 ng

RT: 17.05 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MS

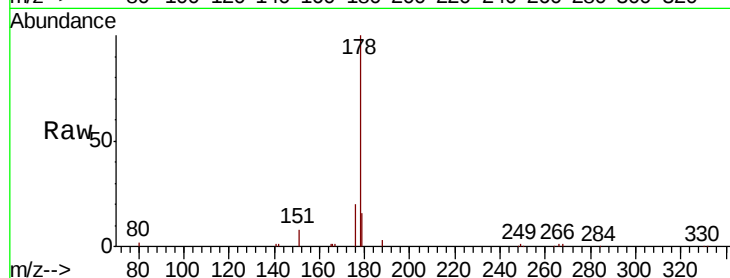
Tgt Ion:178 Resp: 18511

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

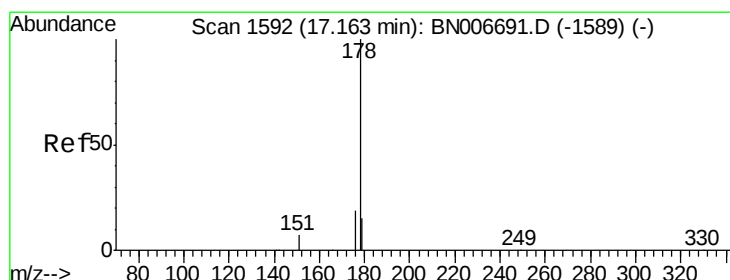
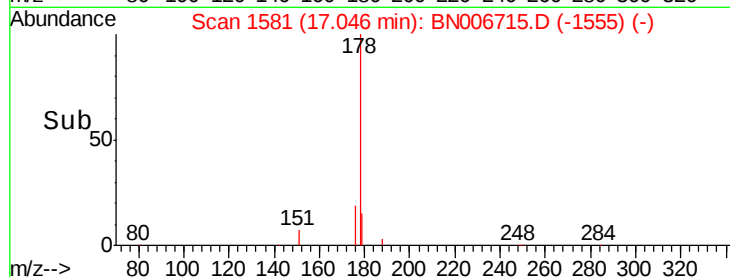
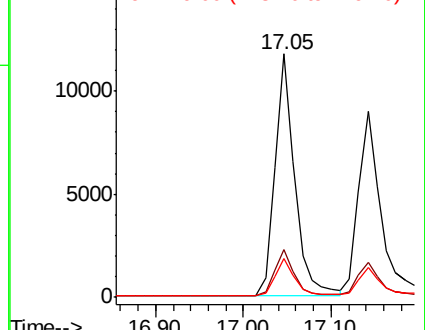
179 15.6 12.4 18.6



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: 0.376 ng

RT: 17.14 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

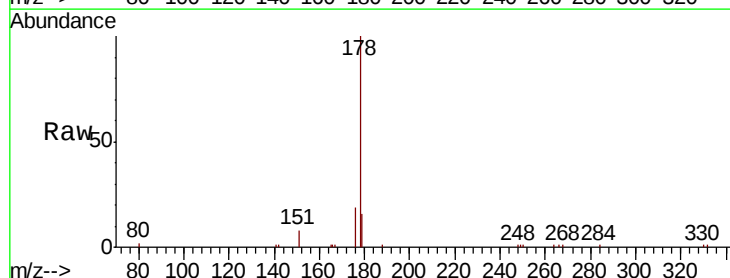
Tgt Ion:178 Resp: 15675

Ion Ratio Lower Upper

178 100

176 18.0 14.8 22.2

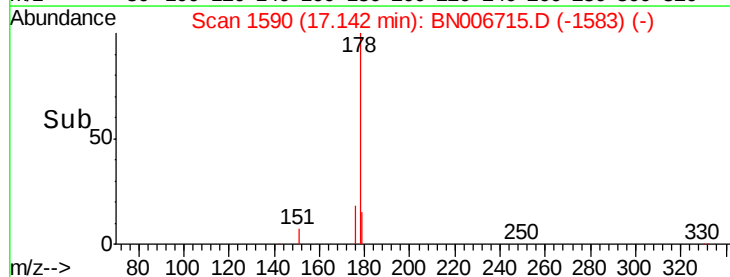
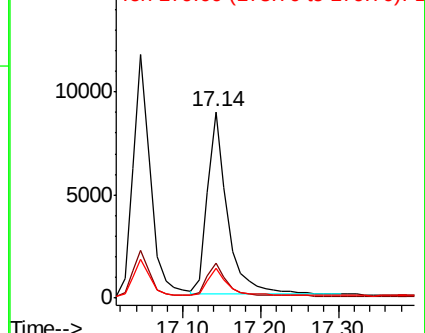
179 14.9 11.9 17.9

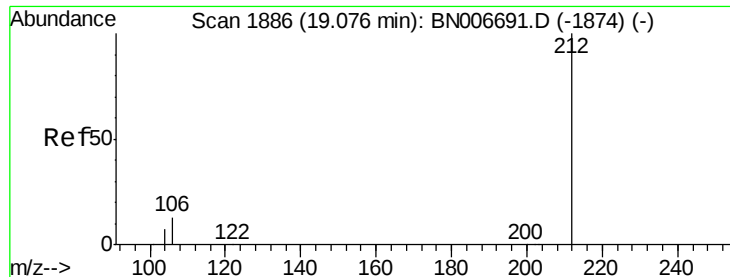


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.358 ng

RT: 19.05 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MS

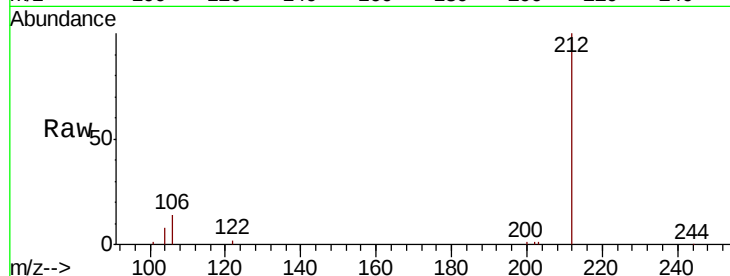
Tgt Ion:212 Resp: 16369

Ion Ratio Lower Upper

212 100

106 14.3 11.0 16.6

104 7.9 6.1 9.1

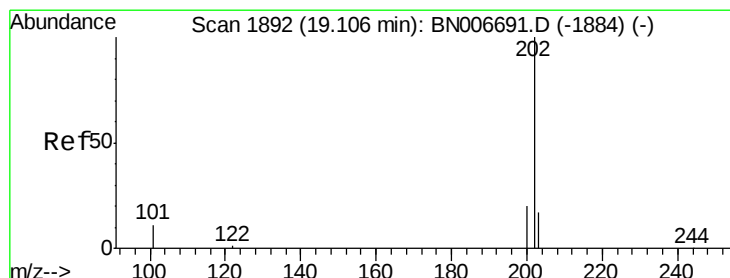
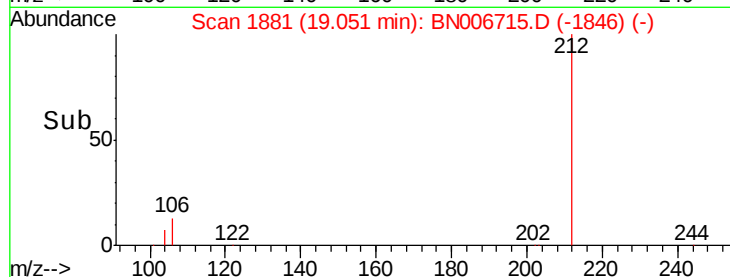
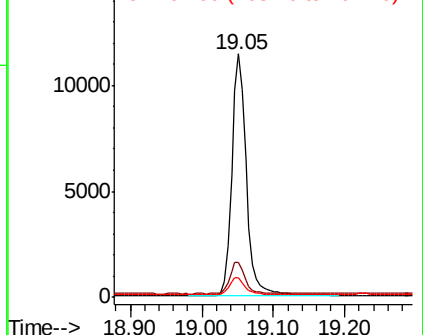


Abundance

Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.419 ng

RT: 19.08 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

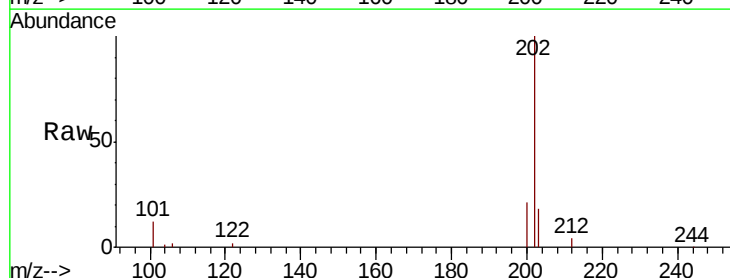
Tgt Ion:202 Resp: 22665

Ion Ratio Lower Upper

202 100

101 12.0 8.7 13.1

203 17.2 13.8 20.6

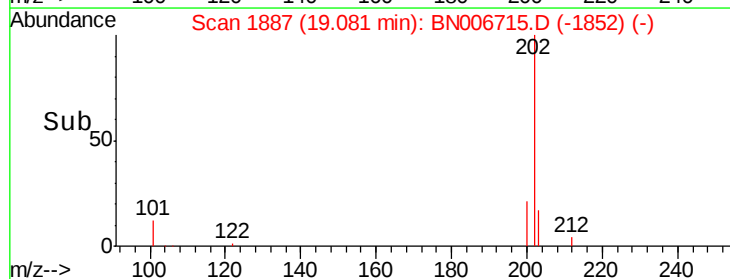
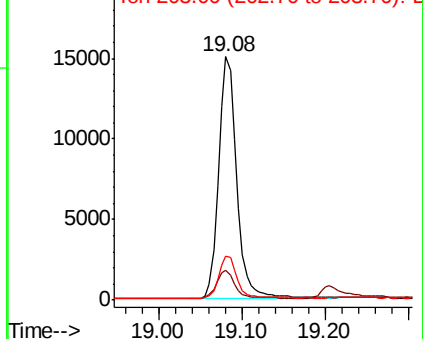


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.23 min Scan# 2188

Delta R.T. -0.03 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MS

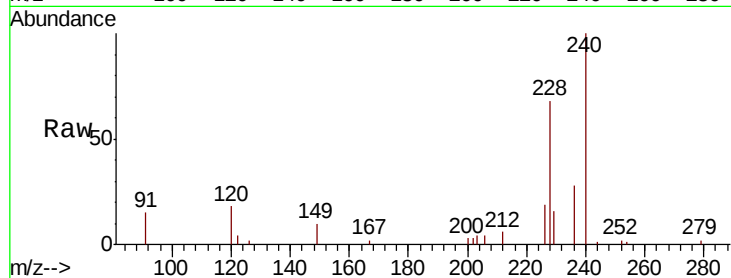
Tgt Ion:240 Resp: 15551

Ion Ratio Lower Upper

240 100

120 17.6 12.9 19.3

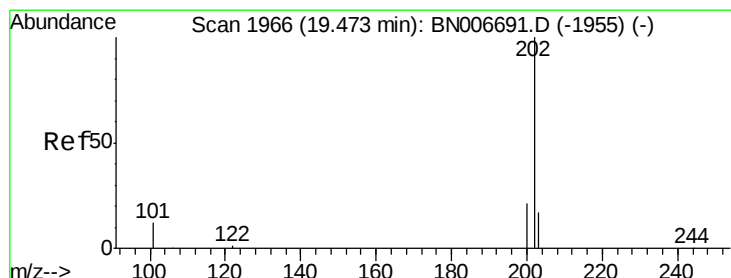
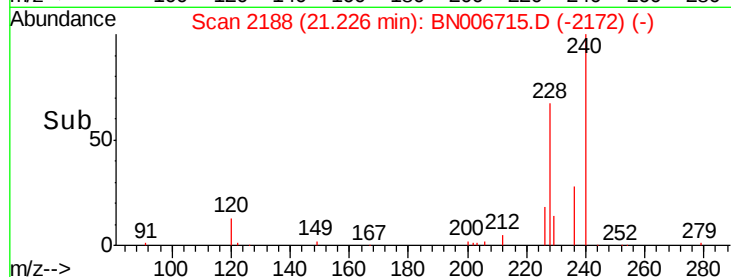
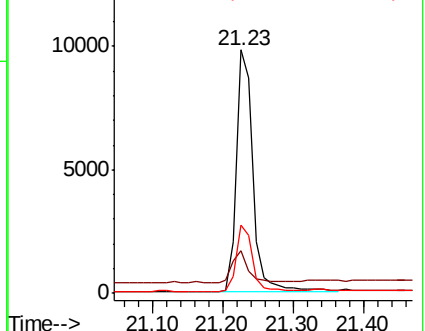
236 28.3 23.2 34.8



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: 0.391 ng

RT: 19.45 min Scan# 1961

Delta R.T. -0.02 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

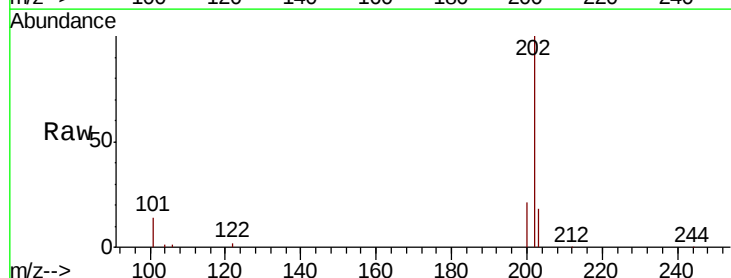
Tgt Ion:202 Resp: 24319

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

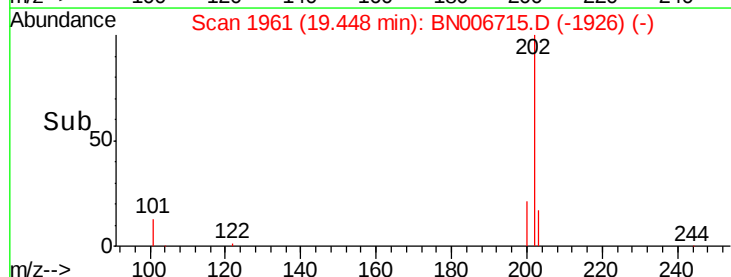
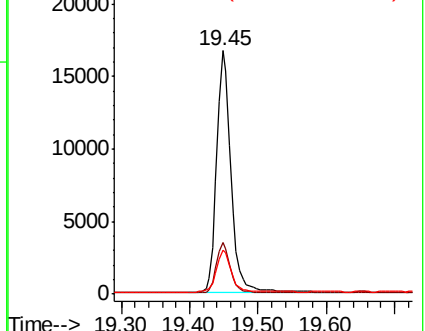
203 17.9 14.2 21.2



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: 0.325 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MS

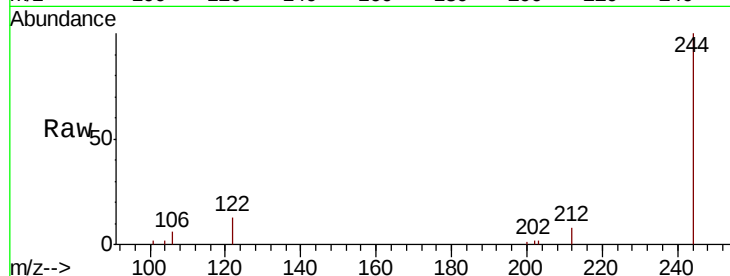
Tgt Ion:244 Resp: 11653

Ion Ratio Lower Upper

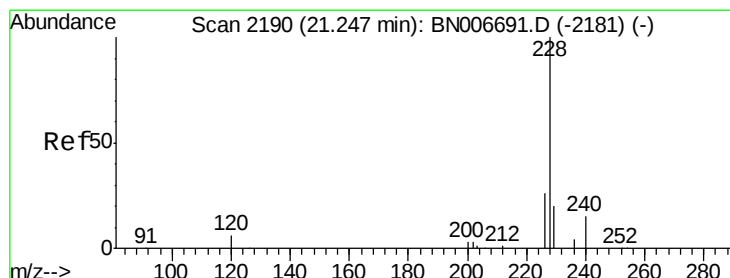
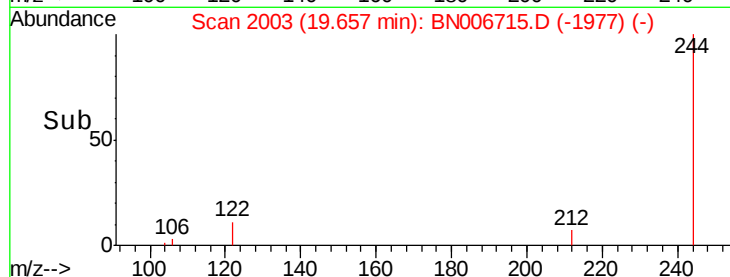
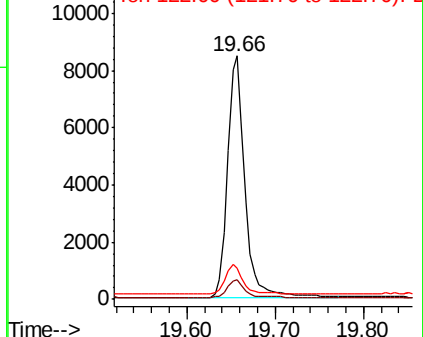
244 100

212 8.0 7.0 10.4

122 12.8 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: 0.381 ng

RT: 21.21 min Scan# 2187

Delta R.T. -0.03 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

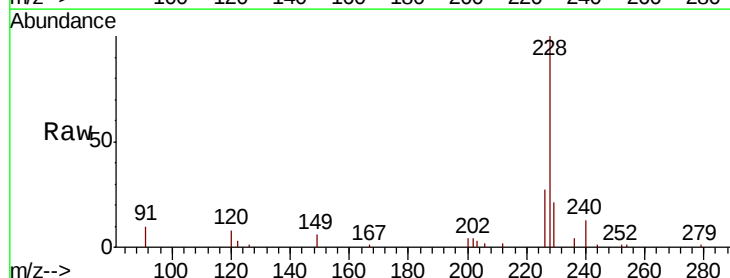
Tgt Ion:228 Resp: 20448

Ion Ratio Lower Upper

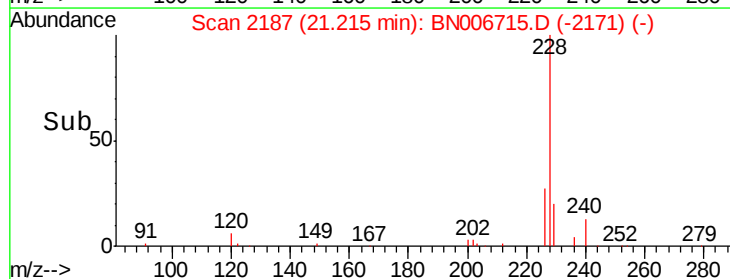
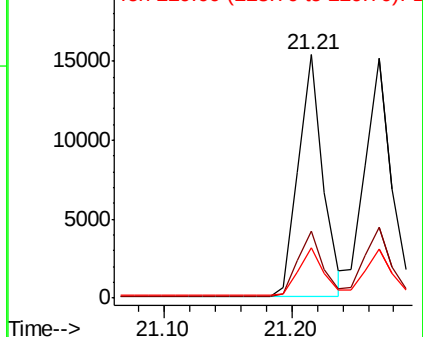
228 100

226 27.3 21.5 32.3

229 20.8 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: 0.396 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.03 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MS

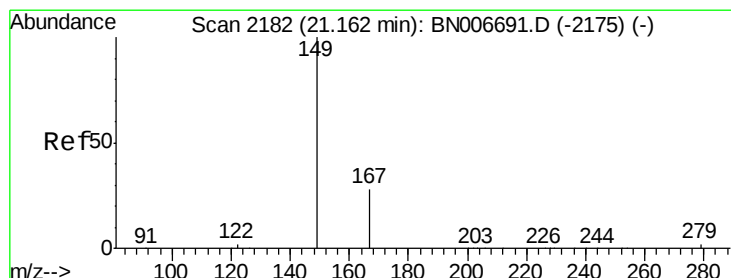
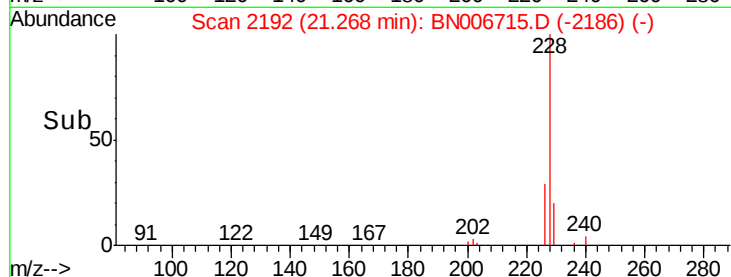
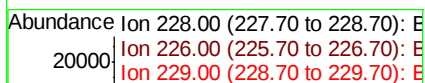
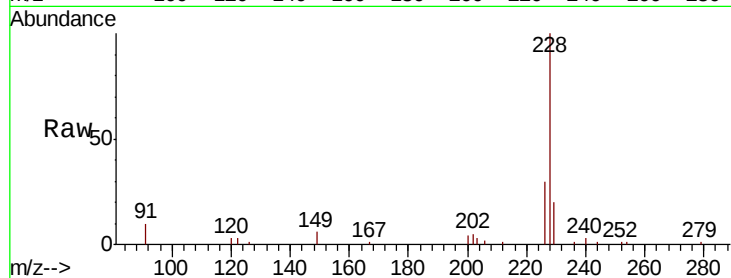
Tgt Ion:228 Resp: 21893

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.2

229 20.3 15.8 23.6



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.098 ng

RT: 21.13 min Scan# 2179

Delta R.T. -0.03 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

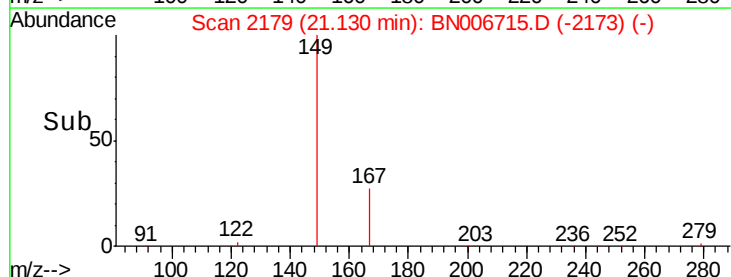
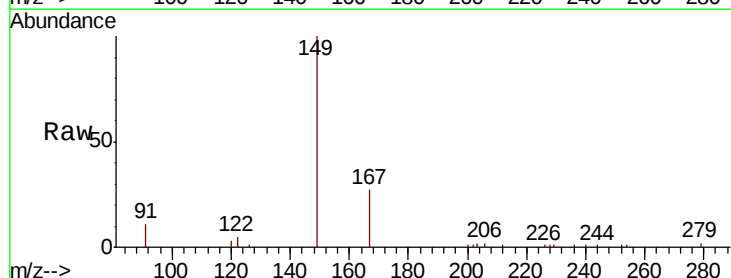
Tgt Ion:149 Resp: 15614

Ion Ratio Lower Upper

149 100

167 28.4 22.9 34.3

279 4.4 3.2 4.8





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.416 ng

RT: 25.68 min Scan# 3256

Delta R.T. -0.07 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MS

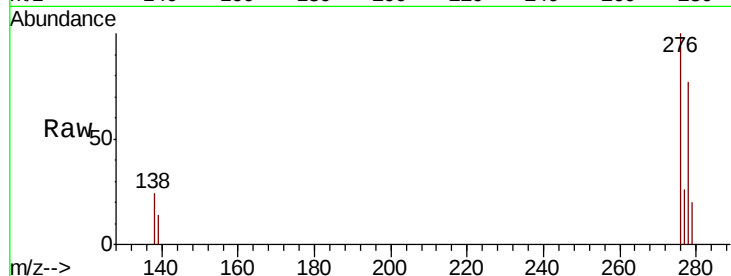
Tgt Ion:276 Resp: 27495

Ion Ratio Lower Upper

276 100

138 23.1 19.5 29.3

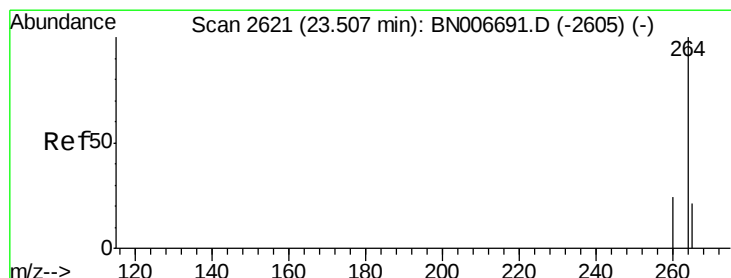
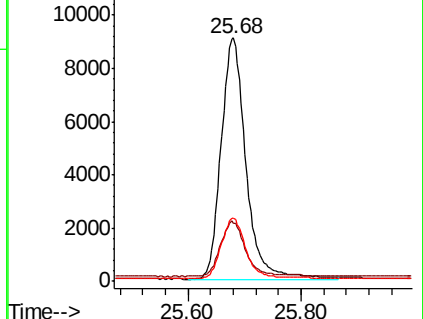
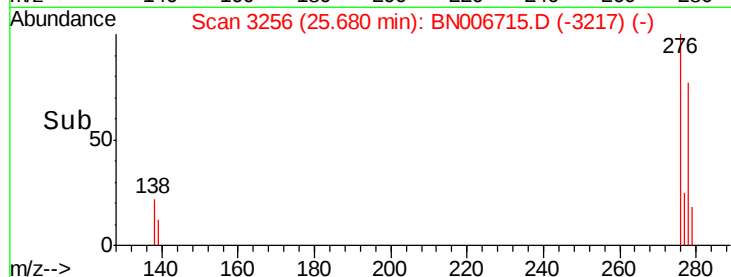
277 24.9 19.7 29.5



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: 23.46 min Scan# 2606

Delta R.T. -0.05 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

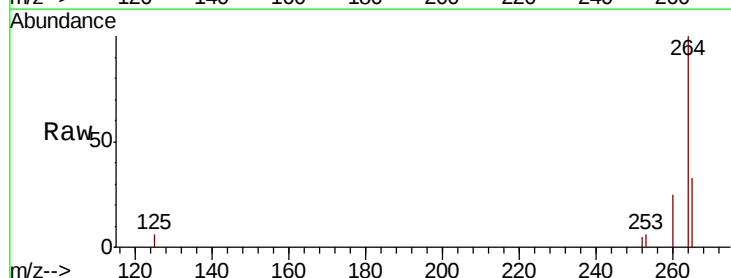
Tgt Ion:264 Resp: 18458

Ion Ratio Lower Upper

264 100

260 25.3 20.2 30.2

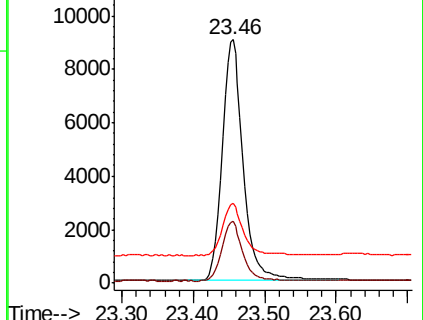
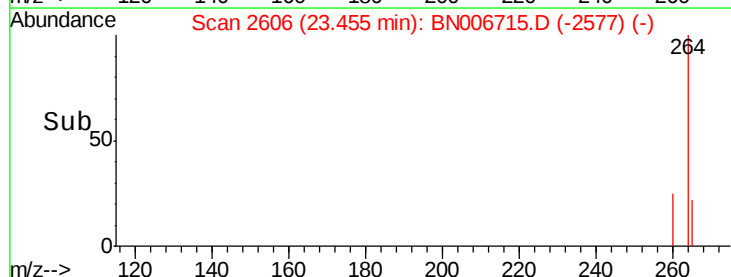
265 32.9 33.7 50.5#



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: 0.371 ng

RT: 22.79 min Scan# 2412

Delta R.T. -0.04 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MS

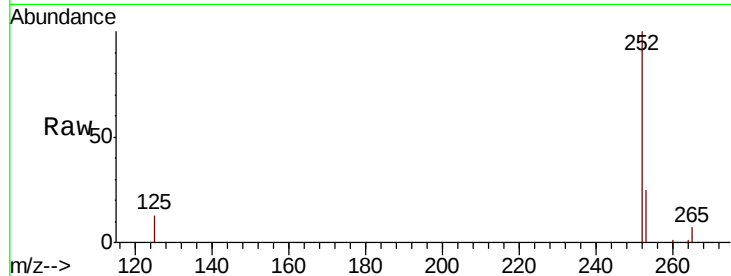
Tgt Ion:252 Resp: 21997

Ion Ratio Lower Upper

252 100

253 25.0 20.2 30.2

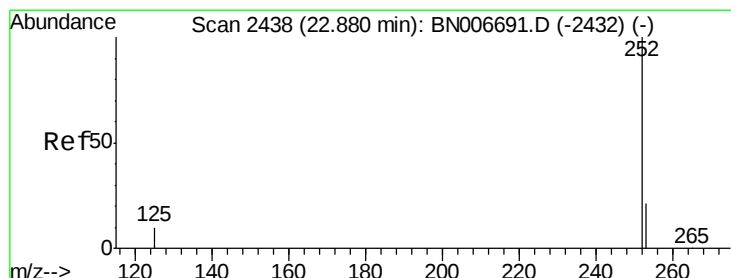
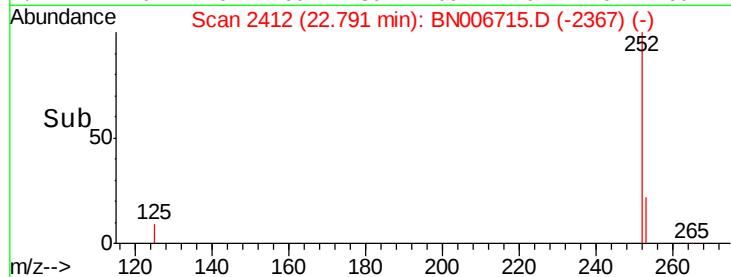
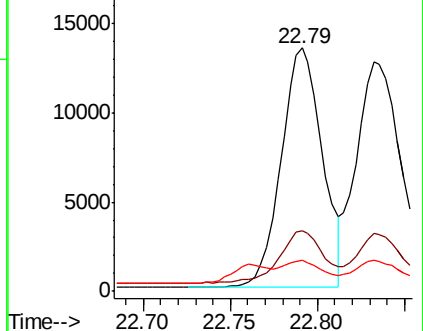
125 12.6 11.5 17.3



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



#36

Benzo(k)fluoranthene

Concen: 0.363 ng

RT: 22.83 min Scan# 2424

Delta R.T. -0.05 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

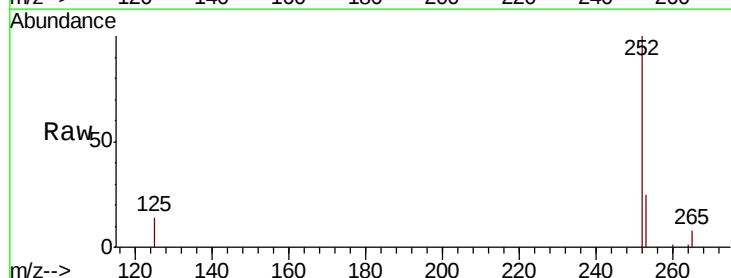
Tgt Ion:252 Resp: 23325

Ion Ratio Lower Upper

252 100

253 25.0 20.1 30.1

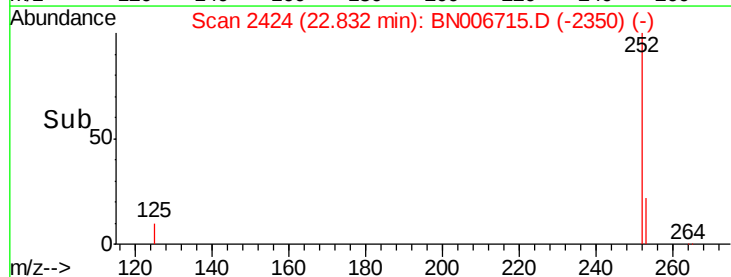
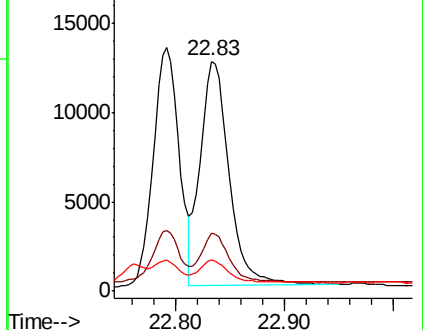
125 13.5 11.4 17.0



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





#37

Benzo(a)pyrene

Concen: 0.390 ng

RT: 23.36 min Scan# 2579

Delta R.T. -0.05 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MS

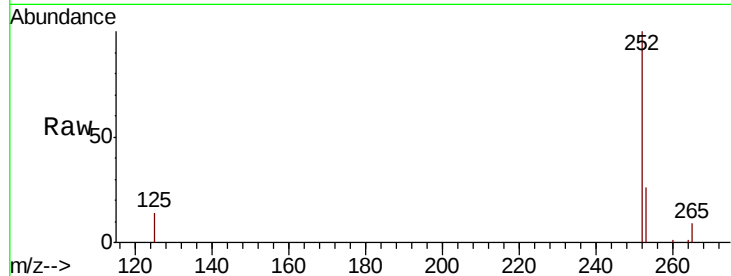
Tgt Ion:252 Resp: 22398

Ion Ratio Lower Upper

252 100

253 25.7 21.4 32.2

125 14.1 13.3 19.9

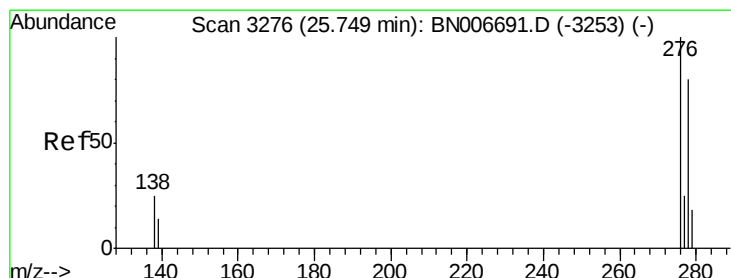
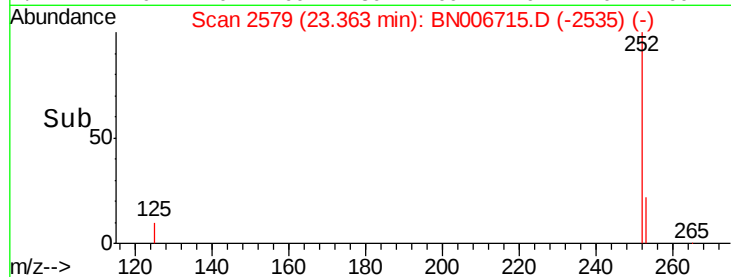
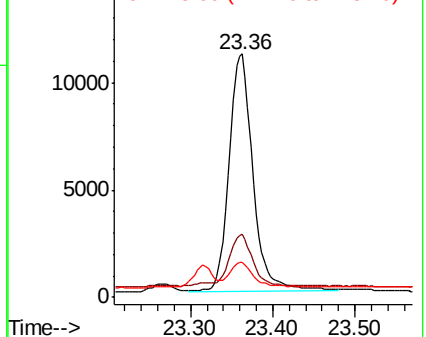


Abundance

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: 0.389 ng

RT: 25.68 min Scan# 3257

Delta R.T. -0.07 min

Lab File: BN006715.D

Acq: 05 Jul 2019 14:49

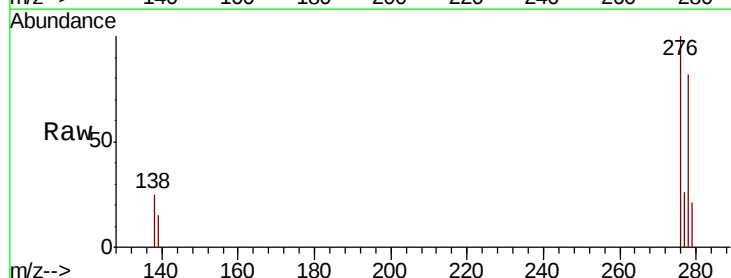
Tgt Ion:278 Resp: 22200

Ion Ratio Lower Upper

278 100

139 18.2 16.2 24.4

279 25.8 20.7 31.1

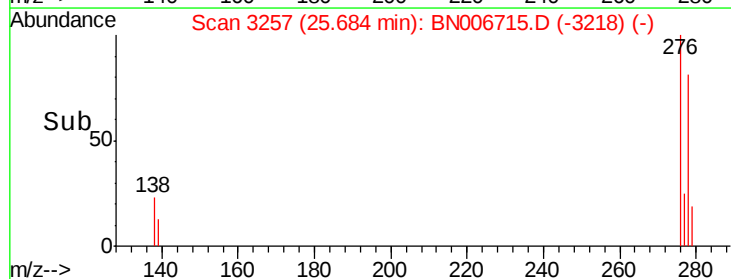
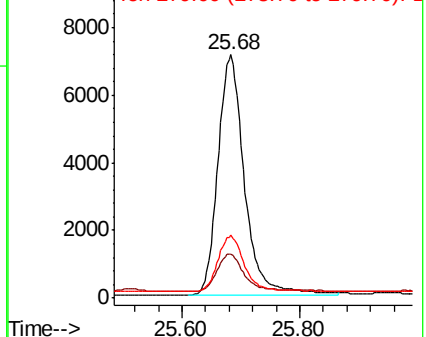


Abundance

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(g,h,i)perylene

Concen: 0.409 ng

RT: 26.36 min Scan# 3454

Delta R.T. -0.07 min

Lab File: BN006715.D

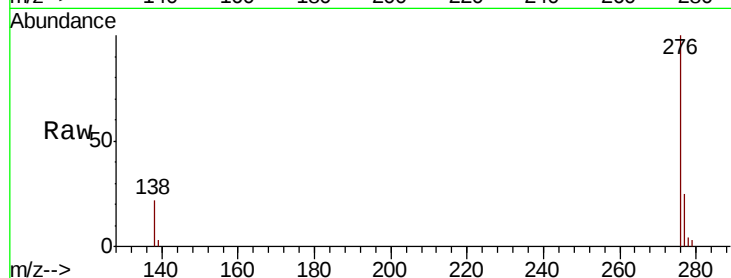
Acq: 05 Jul 2019 14:49

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419MS



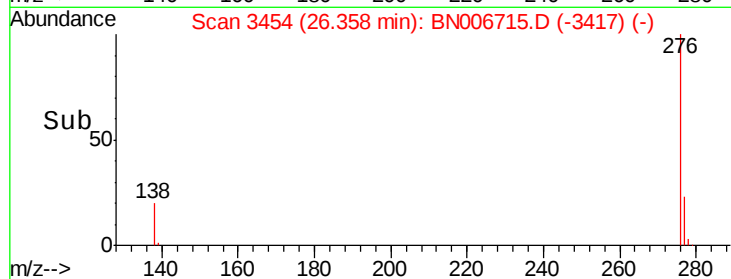
Tgt Ion: 276 Resp: 24009

Ion Ratio Lower Upper

276 100

277 24.7 20.6 30.8

138 22.0 19.7 29.5



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

