

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070219\
 Data File : BN006702.D
 Acq On : 02 Jul 2019 21:11
 Operator : HP/JU
 Sample : K3505-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-013-B212-062019MSD

Quant Time: Jul 03 04:50:45 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 17:43:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	5057	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	19196	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	9531	0.40	ng	0.00
19) Phenanthrene-d10	17.03	188	18618	0.40	ng	0.00
27) Chrysene-d12	21.25	240	13849	0.40	ng	-0.01
34) Perylene-d12	23.48	264	13573	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	3665	0.27	ng	0.00
5) Phenol-d6	6.81	99	5230	0.30	ng	-0.02
8) Nitrobenzene-d5	8.78	82	3694	0.25	ng	-0.01
11) 2-Methylnaphthalene-d10	11.99	152	8541	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	1091	0.23	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	10503	0.28	ng	0.00
25) Fluoranthene-d10	19.07	212	13091	0.25	ng	-0.01
29) Terphenyl-d14	19.67	244	9215	0.29	ng	0.00

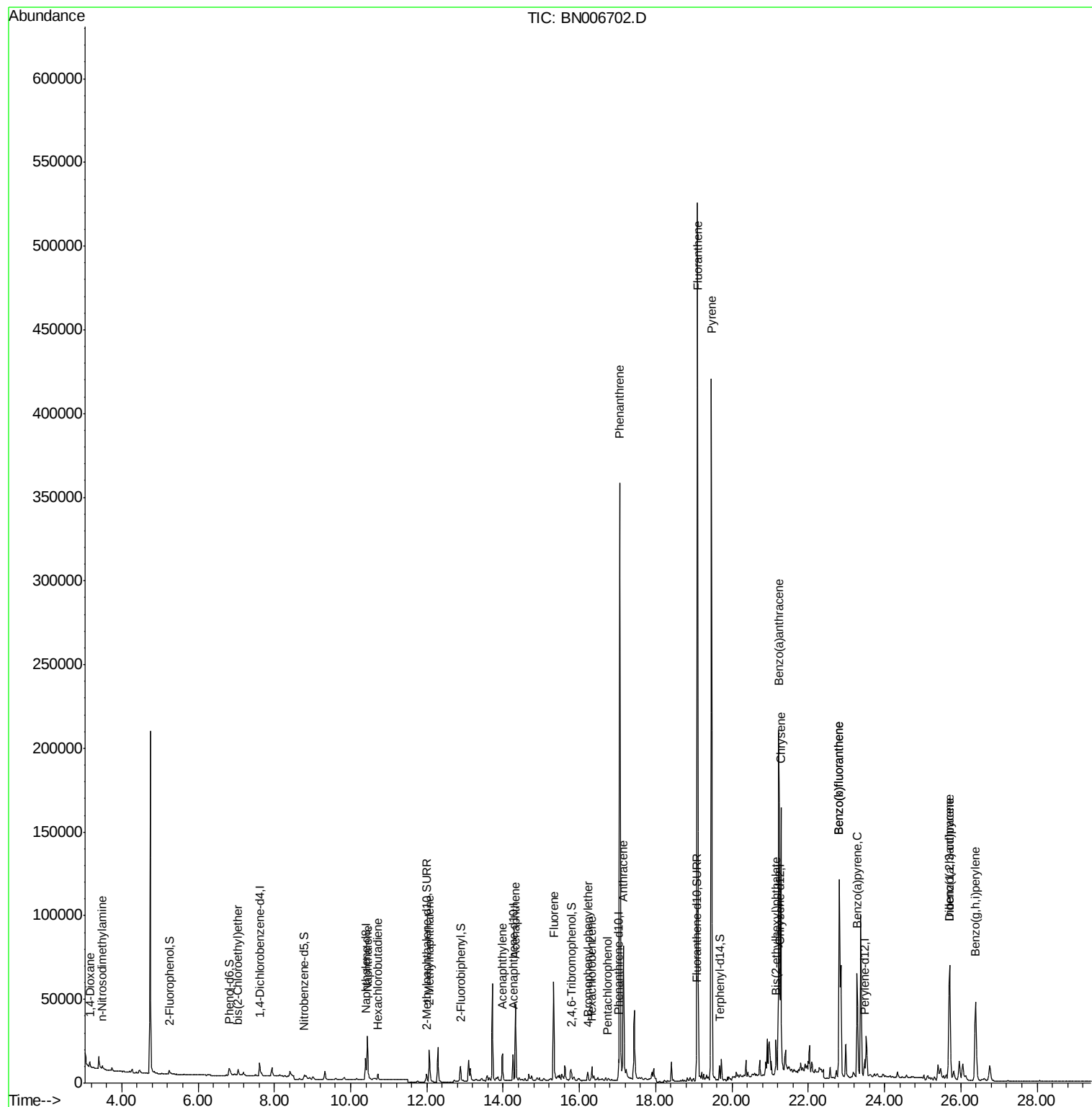
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.17	88	1771	0.224	ng	# 62
3) n-Nitrosodimethylamine	3.49	42	1599	0.268	ng	# 84
6) bis(2-Chloroethyl)ether	7.05	93	4012	0.273	ng	93
9) Naphthalene	10.44	128	39604	0.754	ng	98
10) Hexachlorobutadiene	10.72	225	2849	0.268	ng	# 99
12) 2-Methylnaphthalene	12.07	142	17265	0.476	ng	99
16) Acenaphthylene	13.99	152	20043	0.422	ng	99
17) Acenaphthene	14.32	154	24096	0.795	ng	99
18) Fluorene	15.32	166	37897	1.008	ng	98
20) 4-Bromophenyl-phenylether	16.22	248	3169	0.289	ng	96
21) Hexachlorobenzene	16.33	284	3636	0.279	ng	100
22) Pentachlorophenol	16.73	266	202	0.294	ng	93
23) Phenanthrene	17.06	178	393857	7.340	ng	100
24) Anthracene	17.15	178	100330	2.069	ng	98
26) Fluoranthene	19.10	202	462256	7.336	ng	99
28) Pyrene	19.46	202	366121	6.607	ng	97
30) Benzo(a)anthracene	21.23	228	193665	4.055	ng	99
31) Chrysene	21.28	228	149276	3.032	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	17429	0.122	ng	99
33) Indeno(1,2,3-cd)pyrene	25.70	276	99119	1.683	ng	97
35) Benzo(b)fluoranthene	22.81	252	190563	4.374	ng	# 94
36) Benzo(k)fluoranthene	22.81	252	190563	4.034	ng	# 94
37) Benzo(a)pyrene	23.28	252	81815	1.938	ng	95
38) Dibenzo(a,h)anthracene	25.71	278	33960	0.810	ng	97
39) Benzo(g,h,i)perylene	26.39	276	95845	2.221	ng	96

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

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QLast Update : Tue Jul 02 17:43:33 2019
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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: BN006702.D

Acq: 02 Jul 2019 21:11

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MSD

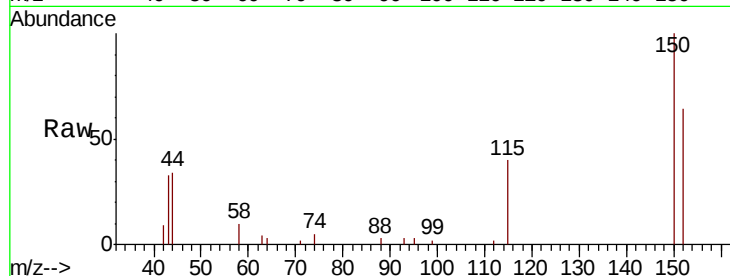
Tgt Ion:152 Resp: 5057

Ion Ratio Lower Upper

152 100

150 155.9 120.6 181.0

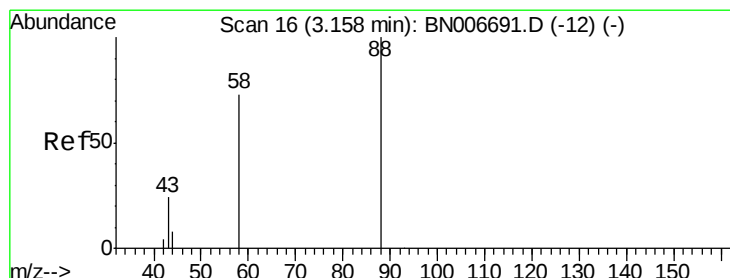
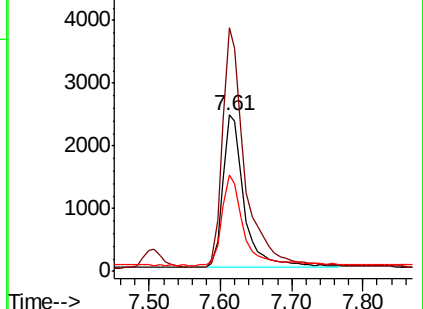
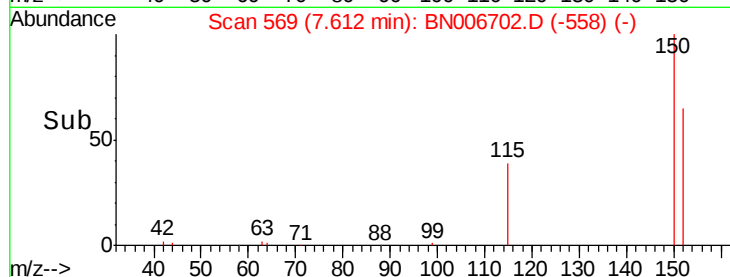
115 62.1 51.0 76.6



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: 0.224 ng

RT: 3.17 min Scan# 17

Delta R.T. 0.01 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

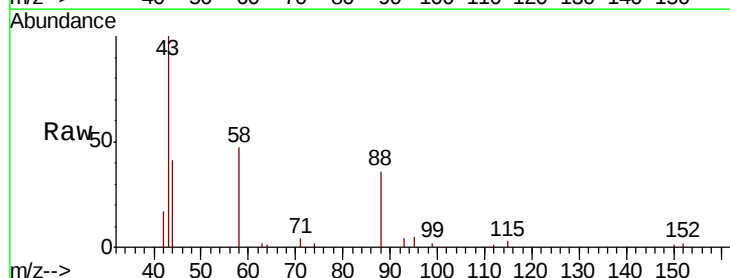
Tgt Ion: 88 Resp: 1771

Ion Ratio Lower Upper

88 100

58 89.0 61.1 91.7

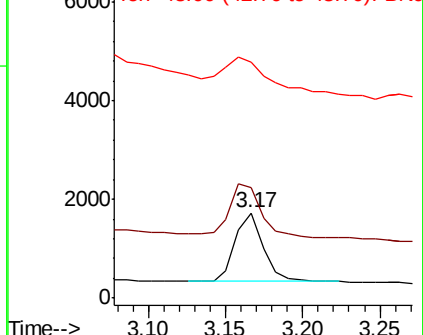
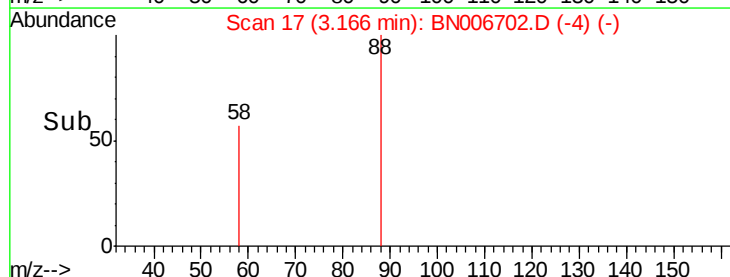
43 90.6 32.4 48.6#

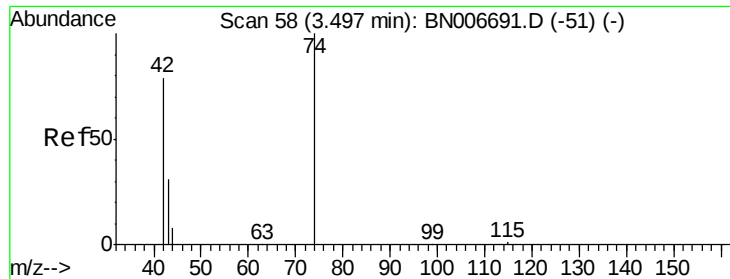


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.268 ng

RT: 3.49 min Scan# 57

Delta R.T. -0.01 min

Lab File: BN006702.D

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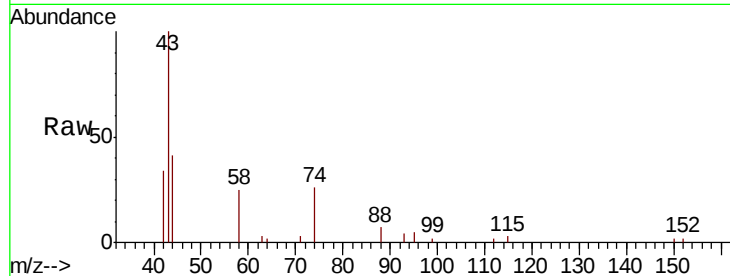
Tgt Ion: 42 Resp: 1599

Ion Ratio Lower Upper

42 100

74 151.5 106.6 160.0

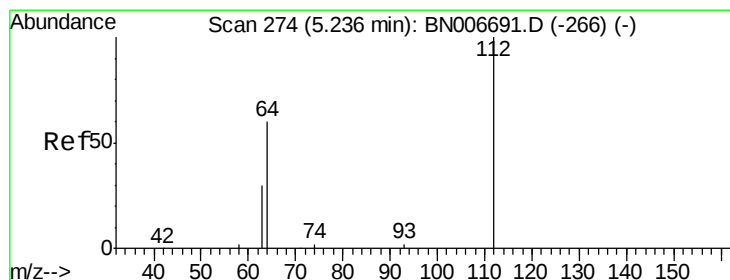
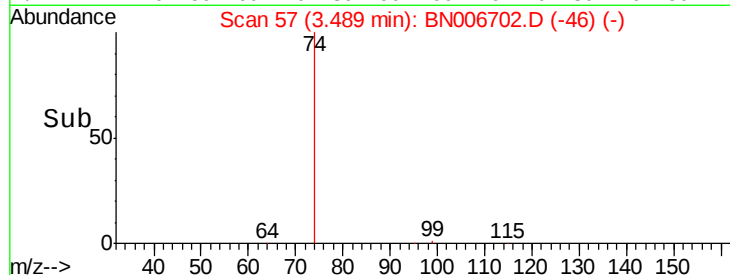
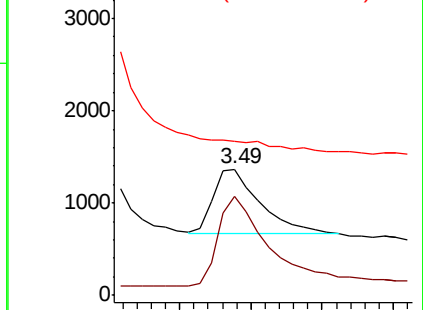
44 0.0 8.0 12.0#



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: 0.267 ng

RT: 5.24 min Scan# 275

Delta R.T. 0.01 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

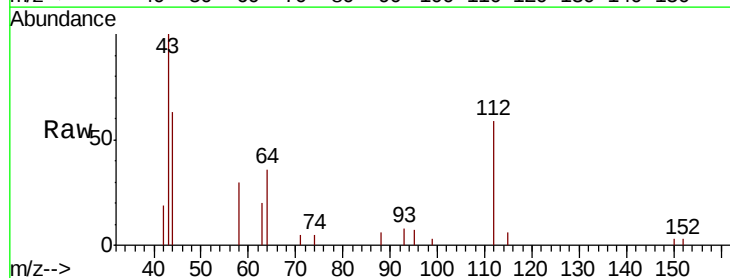
Tgt Ion: 112 Resp: 3665

Ion Ratio Lower Upper

112 100

64 61.1 49.8 74.6

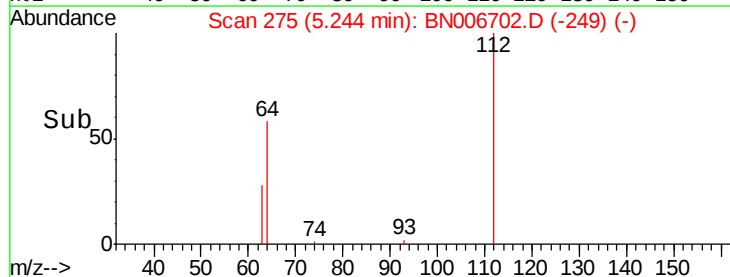
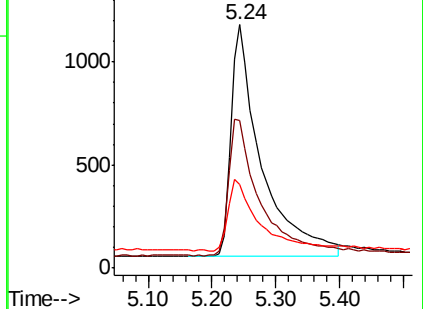
63 31.8 25.8 38.6

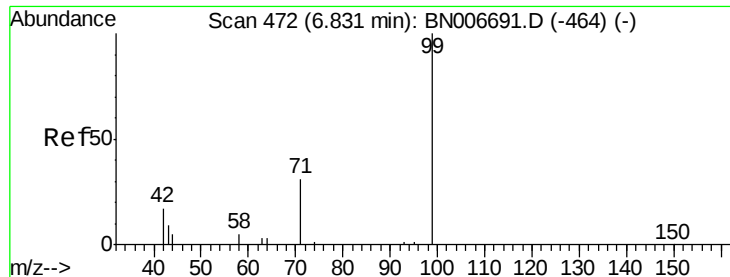


Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.301 ng

RT: 6.81 min Scan# 470

Delta R.T. -0.02 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

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PST-013-B212-062019MSD

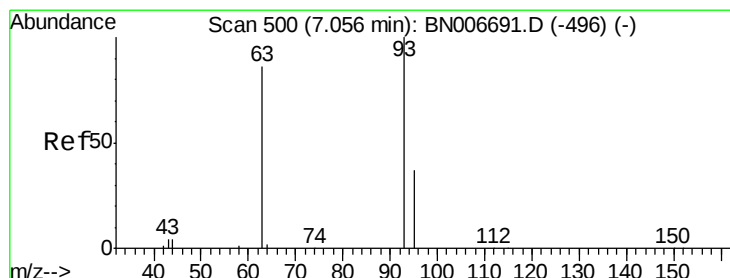
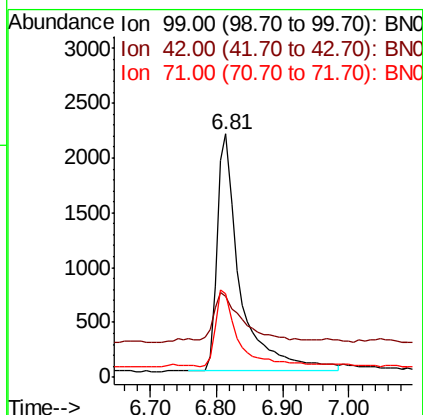
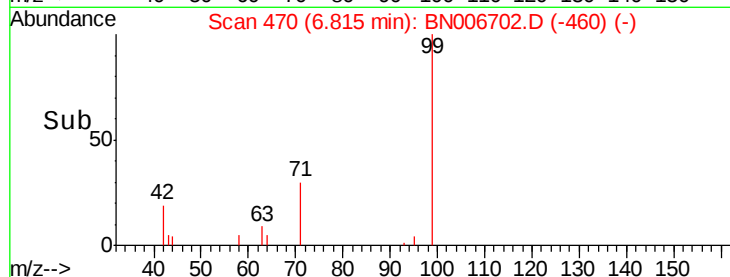
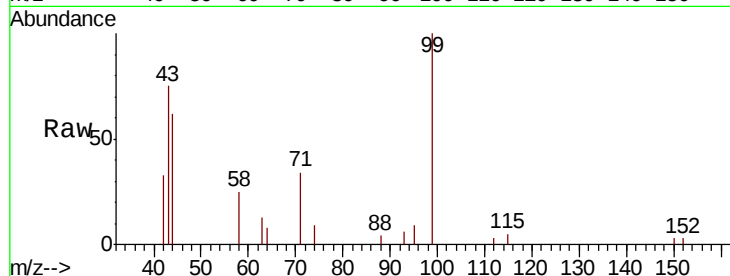
Tgt Ion: 99 Resp: 5230

Ion Ratio Lower Upper

99 100

42 22.7 16.6 25.0

71 30.7 26.0 39.0



#6

bis(2-Chloroethyl)ether

Concen: 0.273 ng

RT: 7.05 min Scan# 499

Delta R.T. -0.01 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

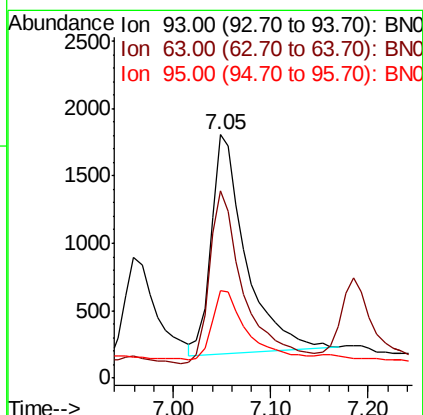
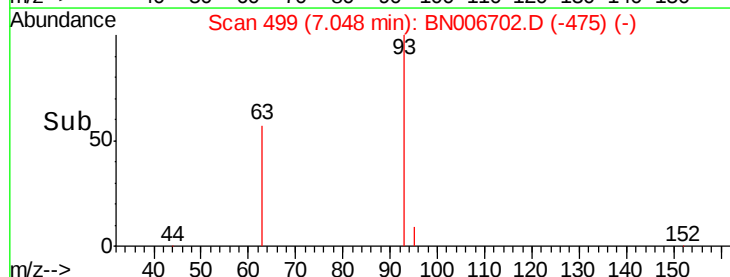
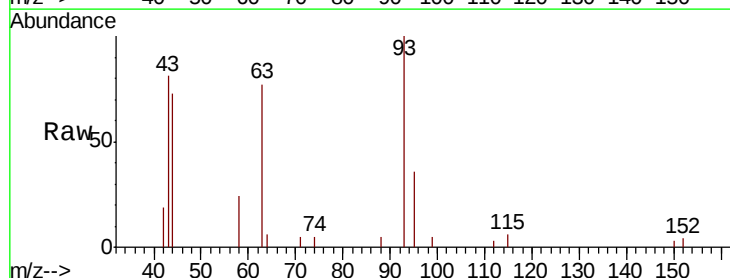
Tgt Ion: 93 Resp: 4012

Ion Ratio Lower Upper

93 100

63 79.3 58.6 87.8

95 31.8 28.3 42.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 829

Delta R.T. -0.00 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MSD

Tgt Ion:136 Resp: 19196

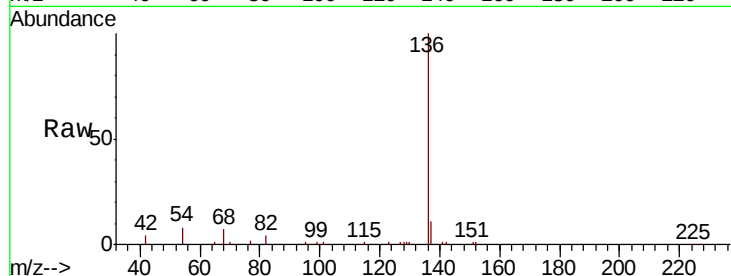
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 8.3 8.4 12.6#

68 6.6 6.8 10.2#

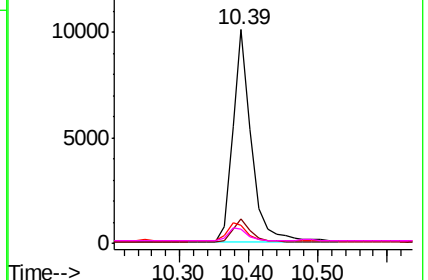
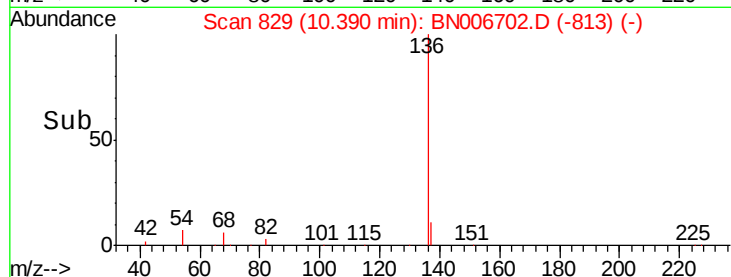


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.251 ng

RT: 8.78 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

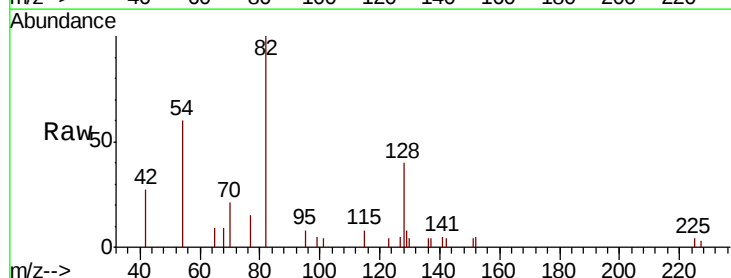
Tgt Ion: 82 Resp: 3694

Ion Ratio Lower Upper

82 100

128 39.5 36.1 54.1

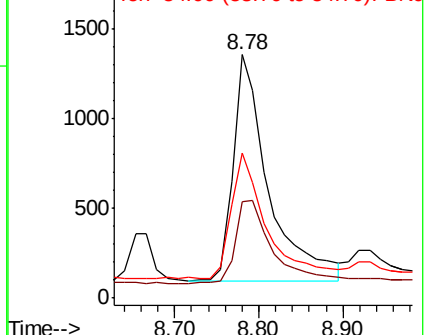
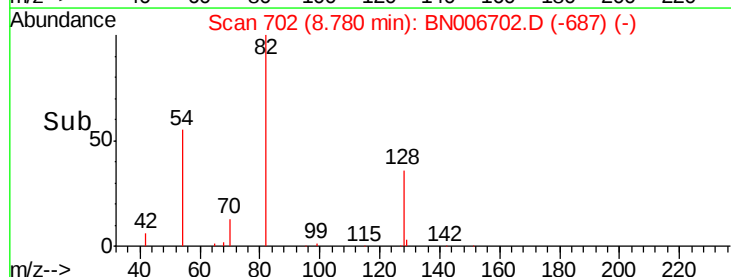
54 59.7 44.5 66.7

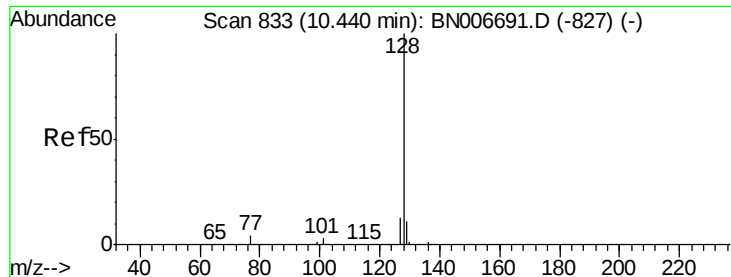


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.754 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.00 min

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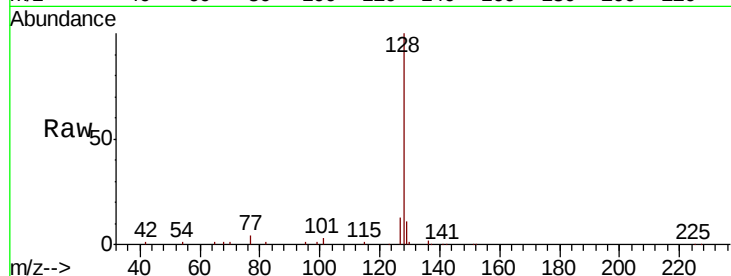
Tgt Ion:128 Resp: 39604

Ion Ratio Lower Upper

128 100

129 11.2 9.6 14.4

127 13.0 11.0 16.4

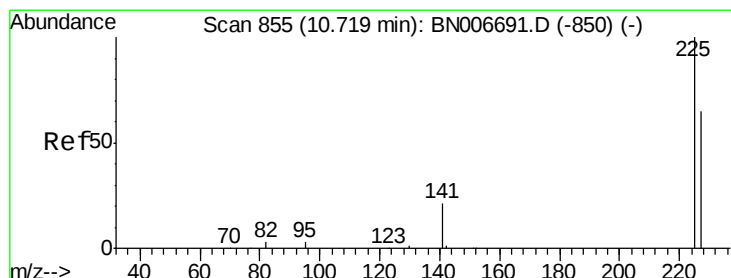
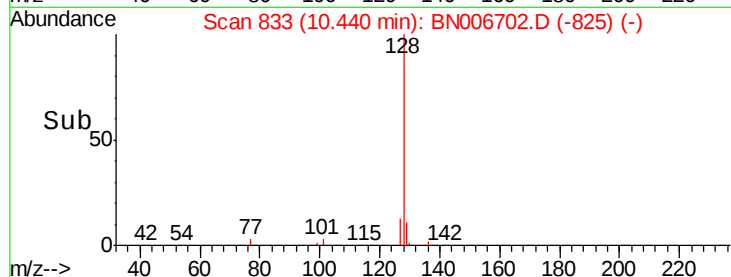
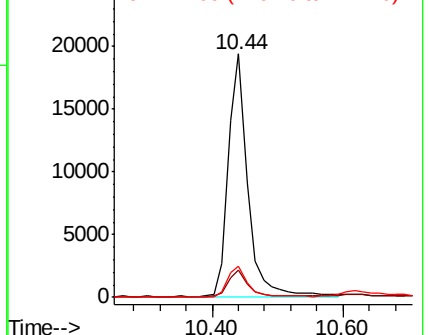


Abundance

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: 0.268 ng

RT: 10.72 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

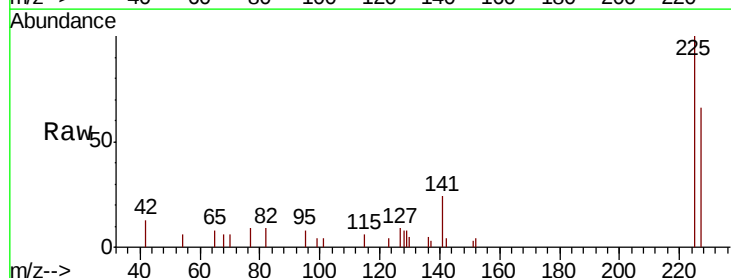
Tgt Ion:225 Resp: 2849

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.3 50.9 76.3

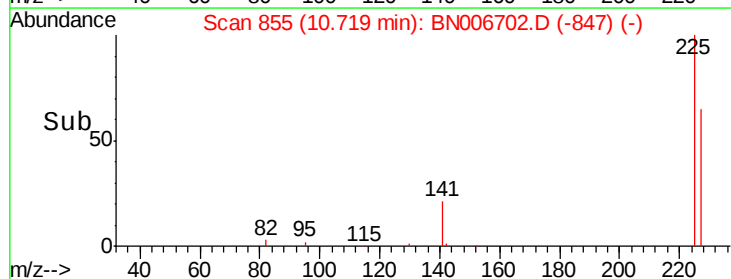
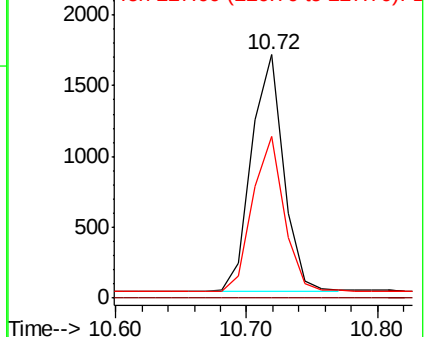


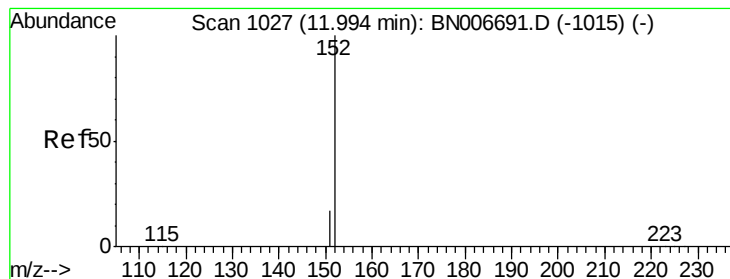
Abundance

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: 0.296 ng

RT: 11.99 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BN006702.D

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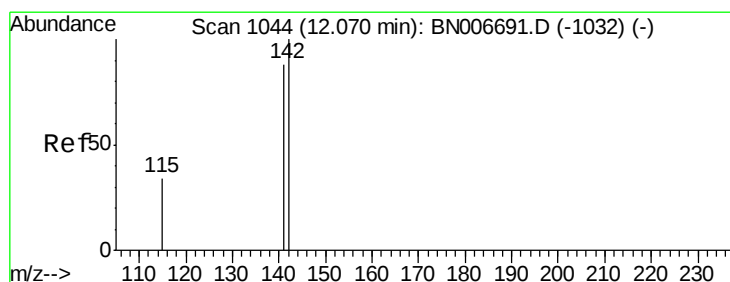
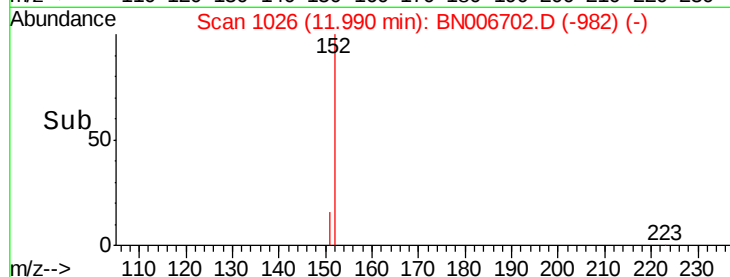
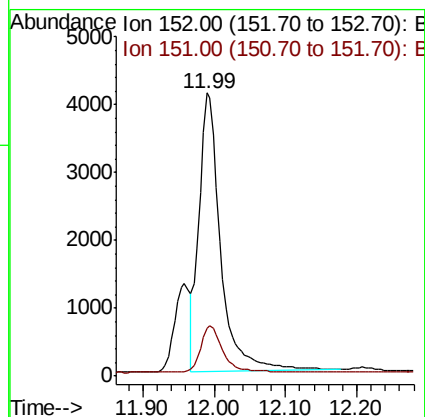
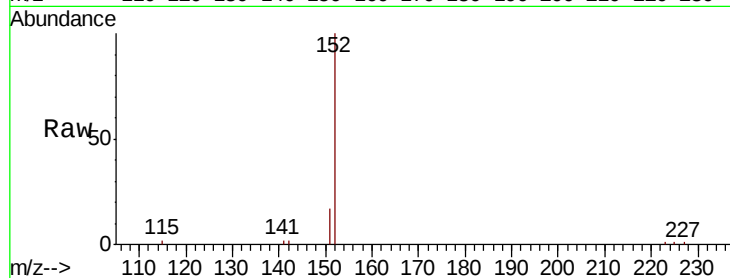
PST-013-B212-062019MSD

Tgt Ion:152 Resp: 8541

Ion Ratio Lower Upper

152 100

151 17.6 14.9 22.3



#12

2-Methylnaphthalene

Concen: 0.476 ng

RT: 12.07 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

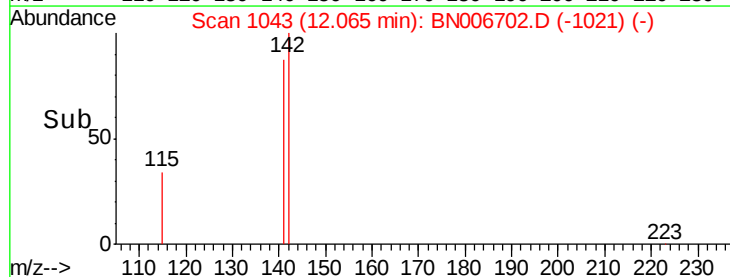
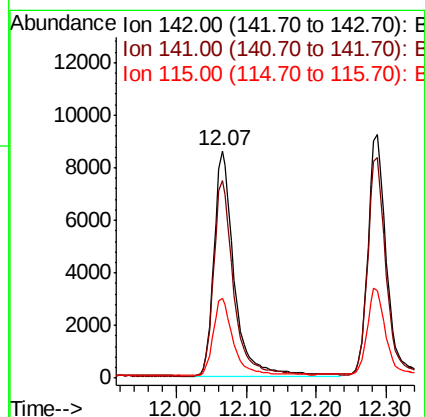
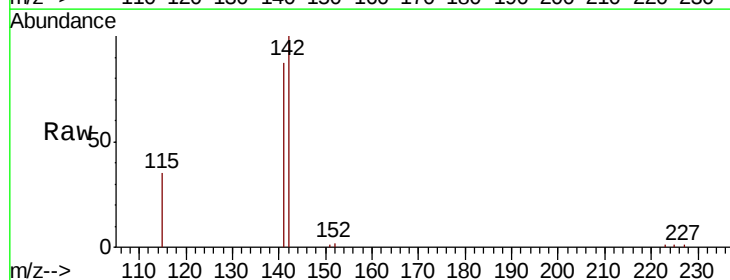
Tgt Ion:142 Resp: 17265

Ion Ratio Lower Upper

142 100

141 87.1 70.3 105.5

115 35.2 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: BN006702.D

Acq: 02 Jul 2019 21:11

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MSD

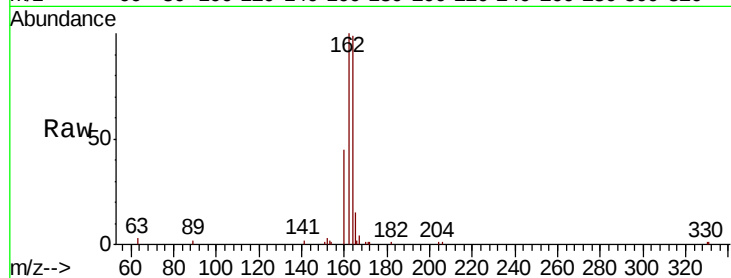
Tgt Ion:164 Resp: 9531

Ion Ratio Lower Upper

164 100

162 100.8 80.8 121.2

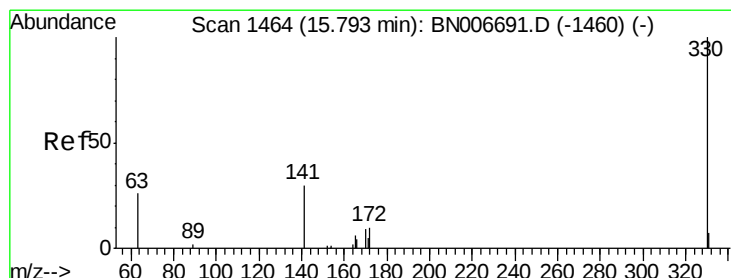
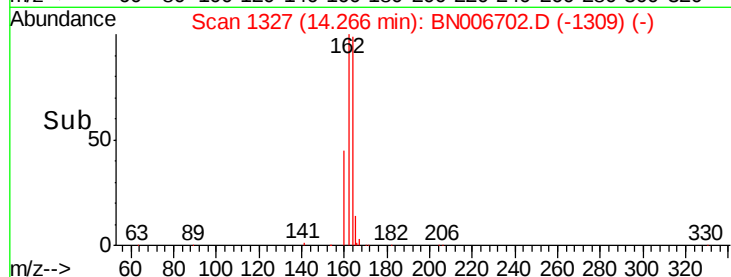
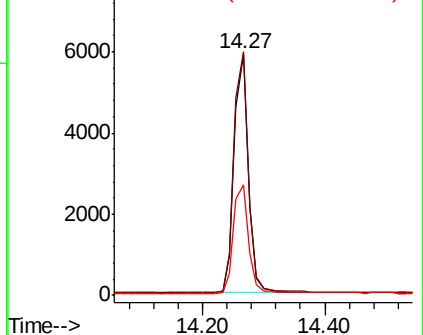
160 45.7 37.0 55.6



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: 0.233 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

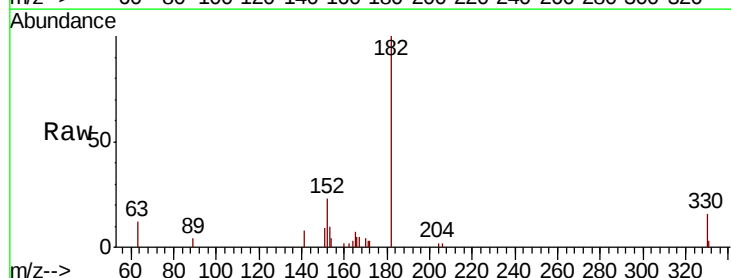
Tgt Ion:330 Resp: 1091

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

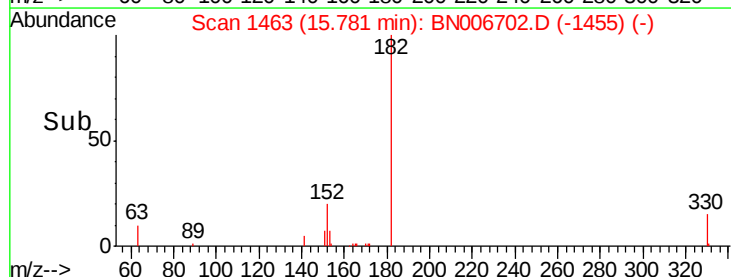
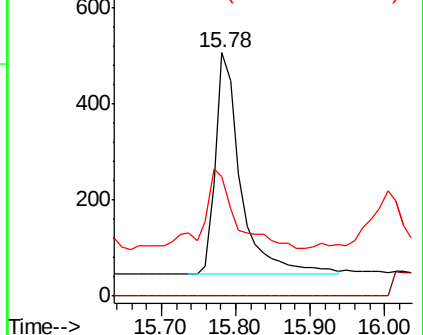
141 43.1 24.8 37.2#



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

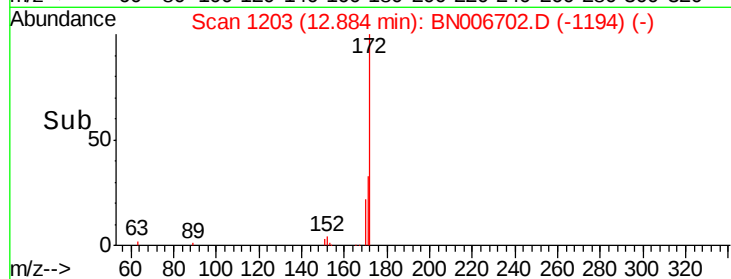
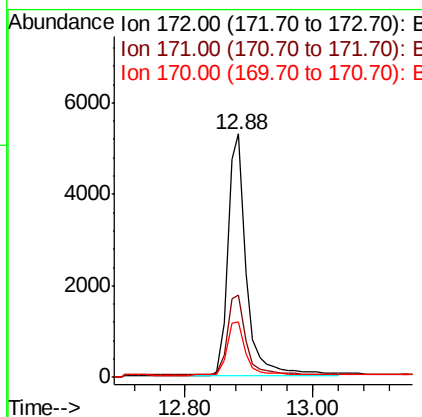
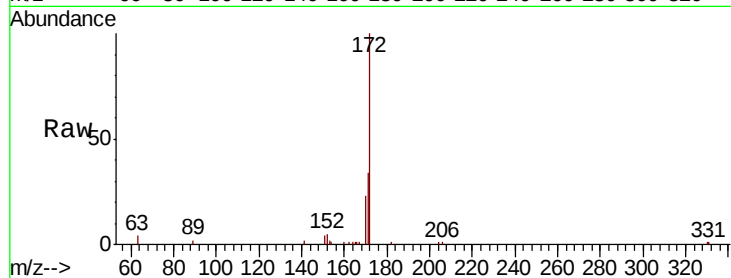




#15
2-Fluorobiphenyl
Concen: 0.282 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BN006702.D
Acq: 02 Jul 2019 21:11

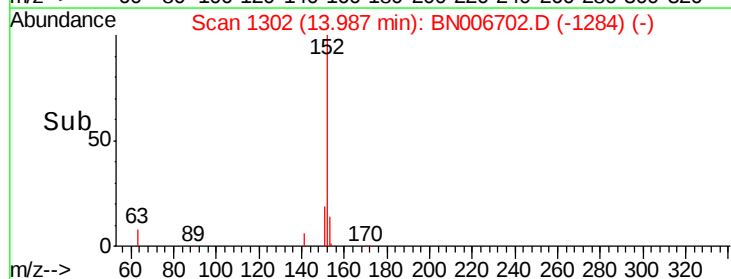
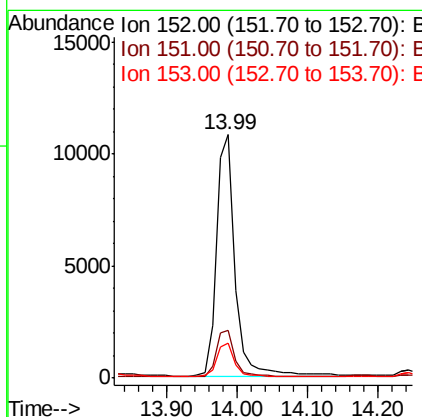
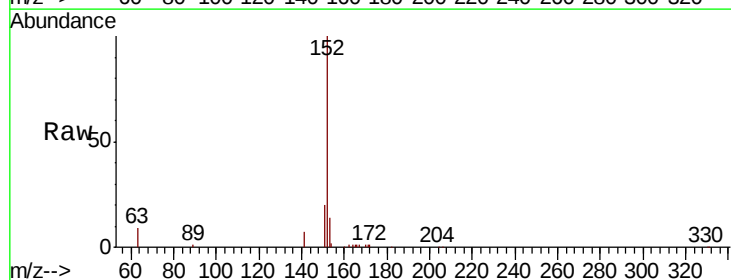
Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.8	41.6
170	22.6	18.9	28.3



#16
Acenaphthylene
Concen: 0.422 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006702.D
Acq: 02 Jul 2019 21:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.8	10.6	15.8

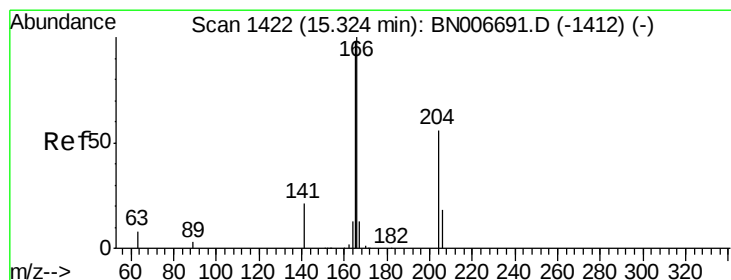
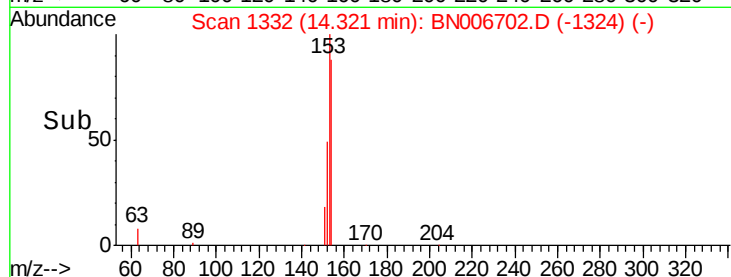
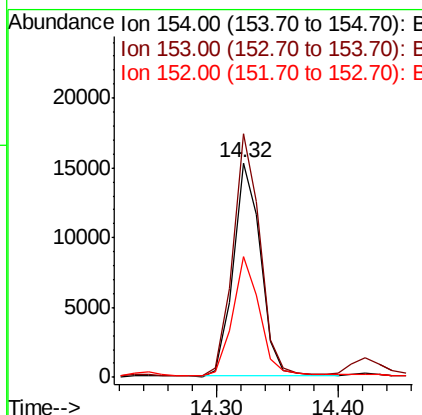
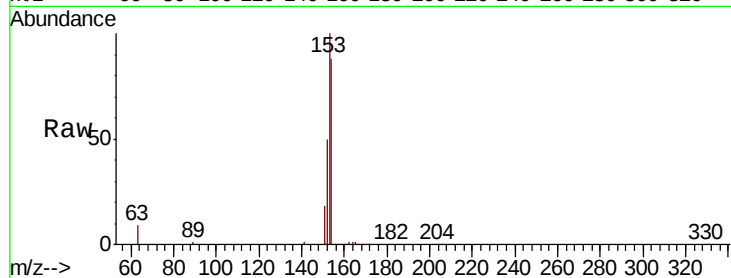




#17
Acenaphthene
Concen: 0.795 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BN006702.D
Acq: 02 Jul 2019 21:11

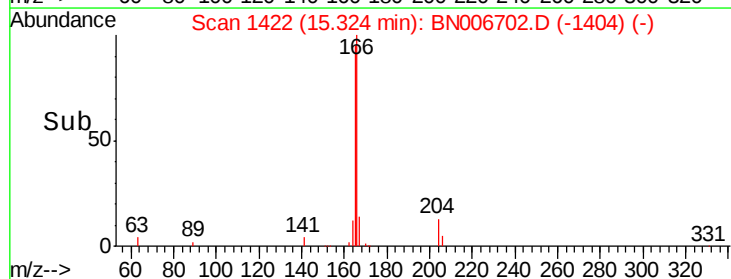
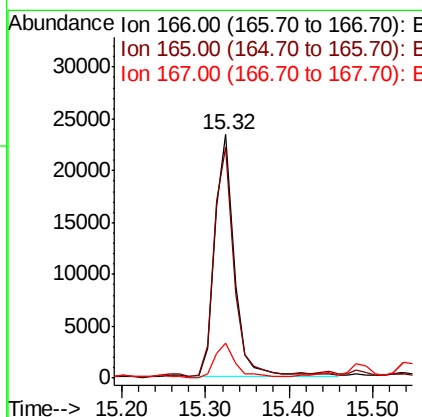
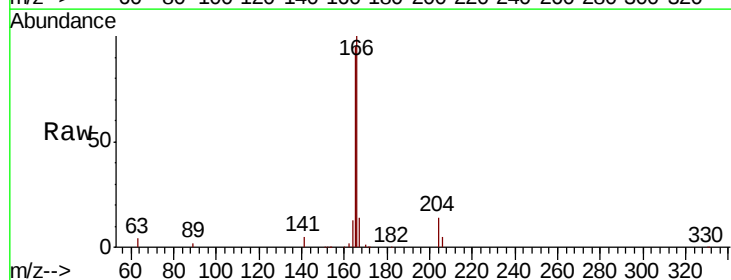
Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MSD

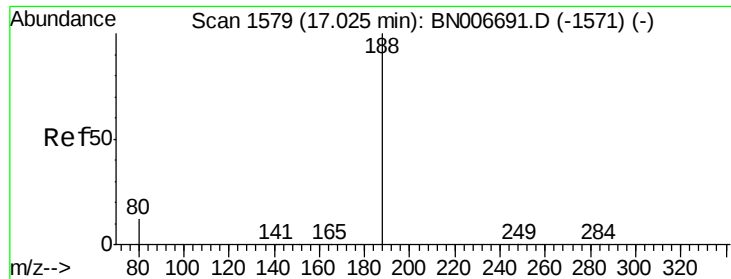
Tgt Ion:154 Resp: 24096
Ion Ratio Lower Upper
154 100
153 112.2 88.9 133.3
152 54.7 42.8 64.2



#18
Fluorene
Concen: 1.008 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BN006702.D
Acq: 02 Jul 2019 21:11

Tgt Ion:166 Resp: 37897
Ion Ratio Lower Upper
166 100
165 95.5 78.0 117.0
167 14.4 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: BN006702.D

Acq: 02 Jul 2019 21:11

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MSD

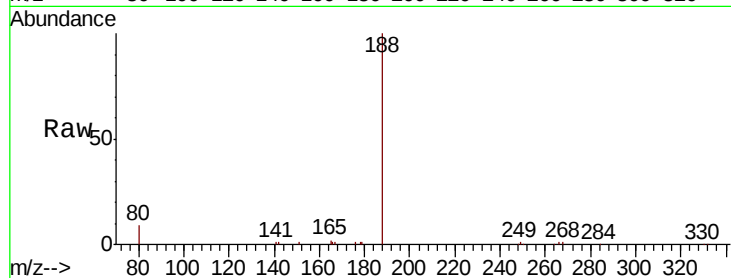
Tgt Ion:188 Resp: 18618

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

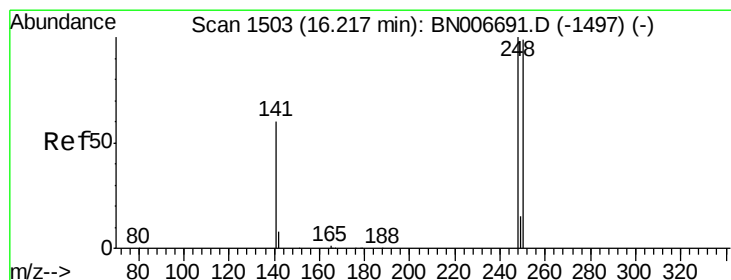
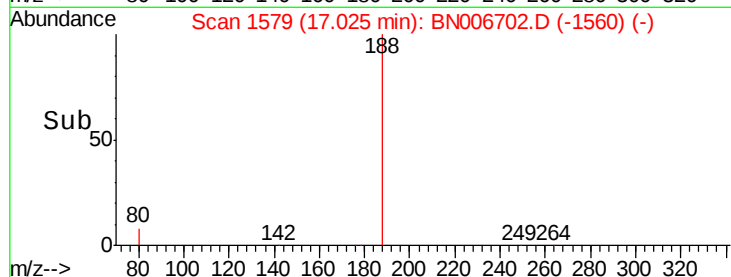
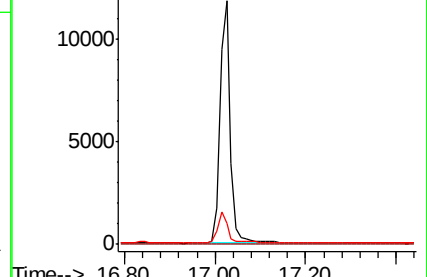
80 8.7 10.3 15.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.289 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

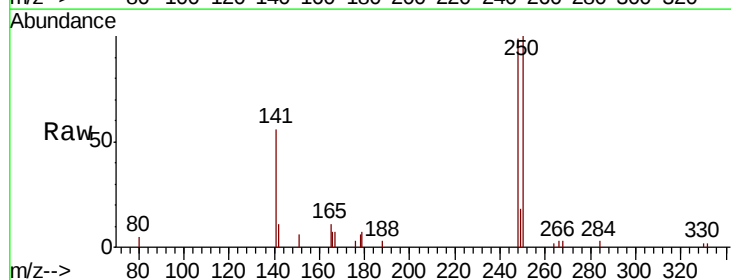
Tgt Ion:248 Resp: 3169

Ion Ratio Lower Upper

248 100

250 100.9 79.0 118.6

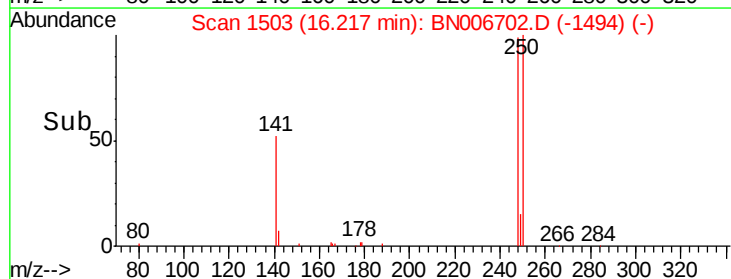
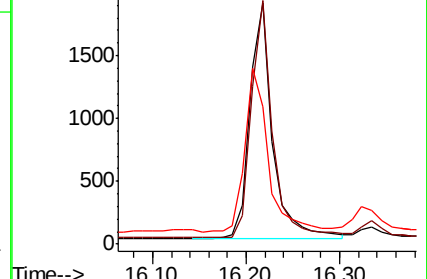
141 56.7 50.2 75.4



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.279 ng

RT: 16.33 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

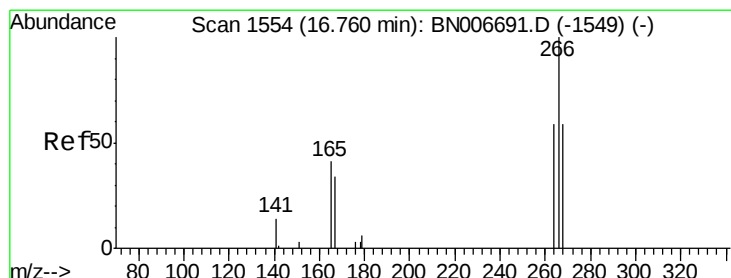
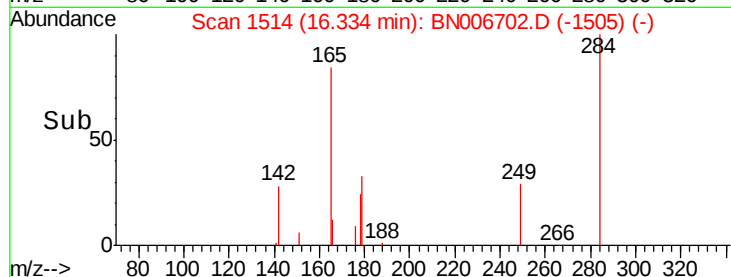
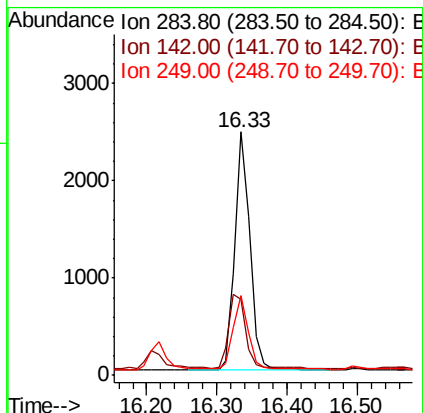
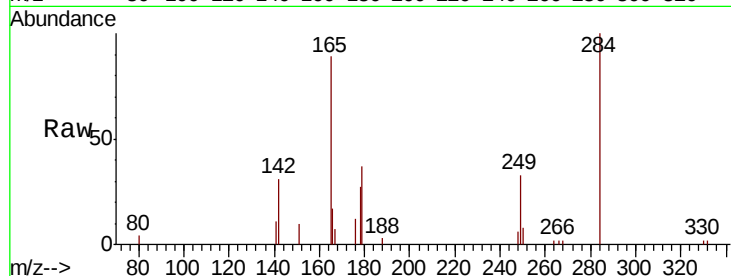
Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MSD

Tgt Ion:	284	Resp:	3636
Ion	Ratio	Lower	Upper
284	100		
142	34.0	26.9	40.3
249	30.5	24.4	36.6



#22

Pentachlorophenol

Concen: 0.294 ng

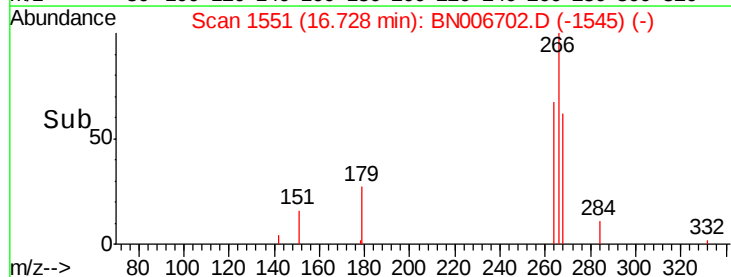
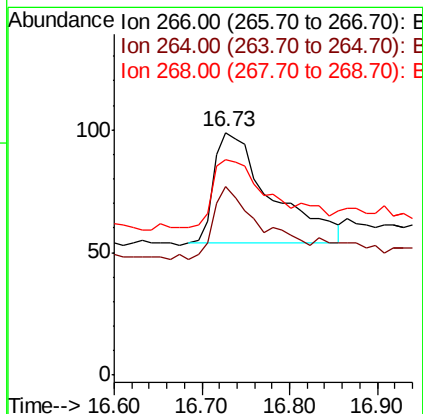
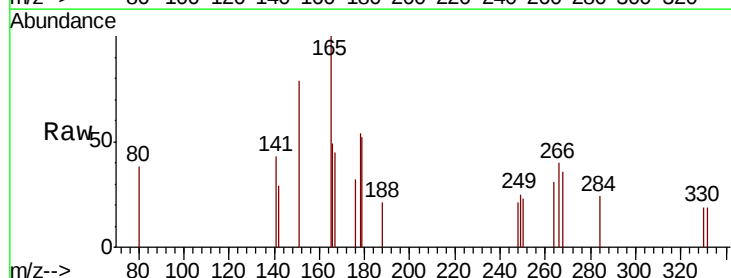
RT: 16.73 min Scan# 1551

Delta R.T. -0.03 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

Tgt Ion:	266	Resp:	202
Ion	Ratio	Lower	Upper
266	100		
264	77.8	57.6	86.4
268	88.9	66.6	99.8





#23

Phenanthrene

Concen: 7.340 ng

RT: 17.06 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MSD

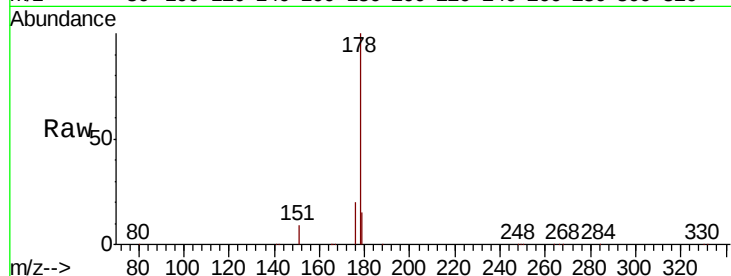
Tgt Ion:178 Resp: 393857

Ion Ratio Lower Upper

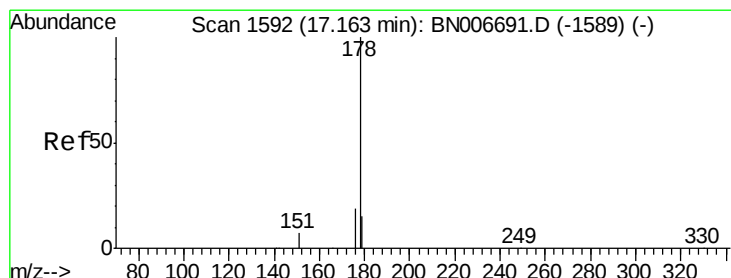
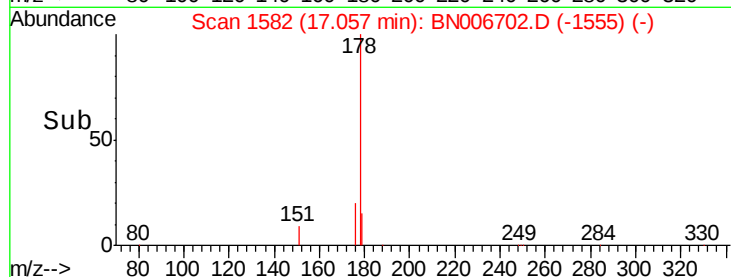
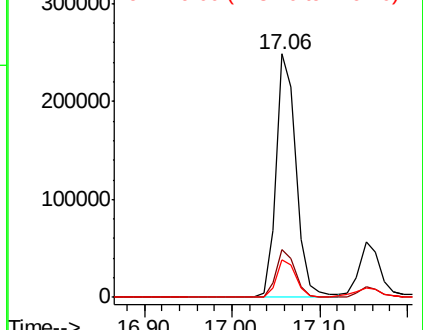
178 100

176 19.1 15.3 22.9

179 15.3 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: 2.069 ng

RT: 17.15 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

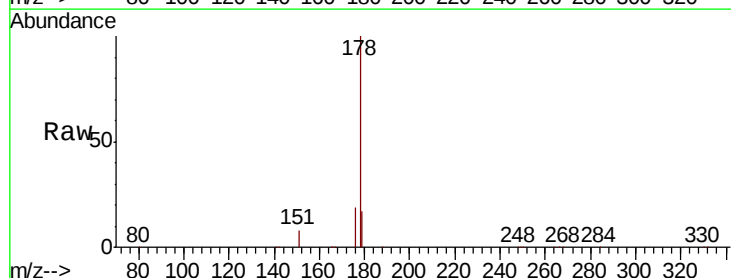
Tgt Ion:178 Resp: 100330

Ion Ratio Lower Upper

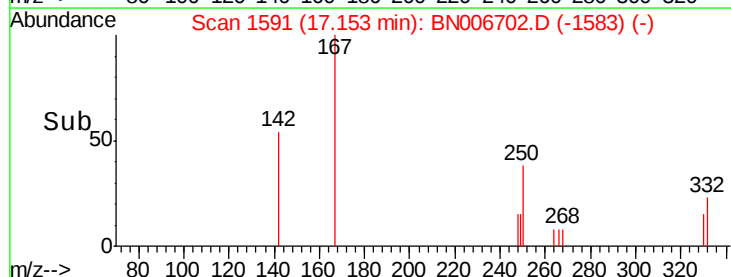
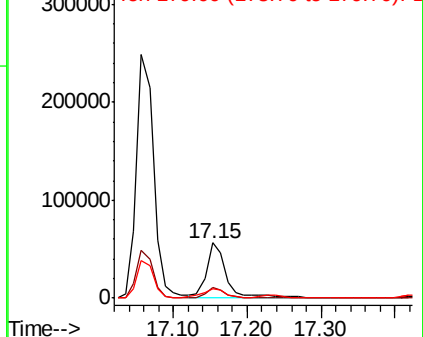
178 100

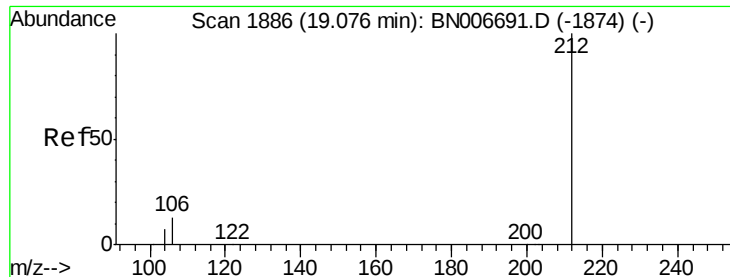
176 18.0 14.8 22.2

179 16.5 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: 0.246 ng

RT: 19.07 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

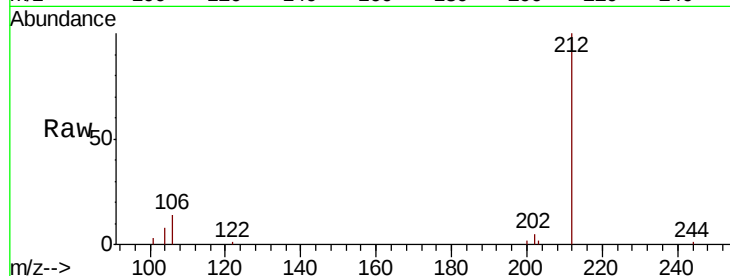
Instrument :

BNA_N

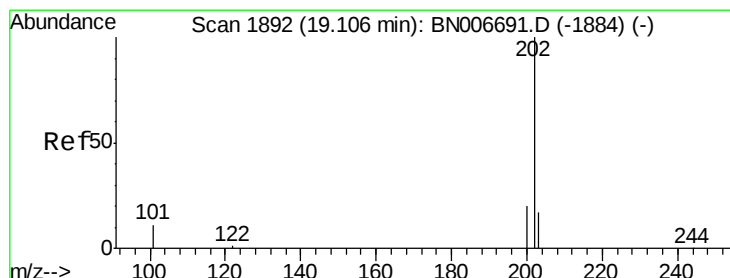
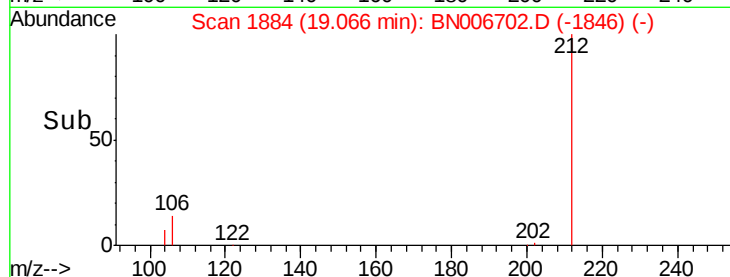
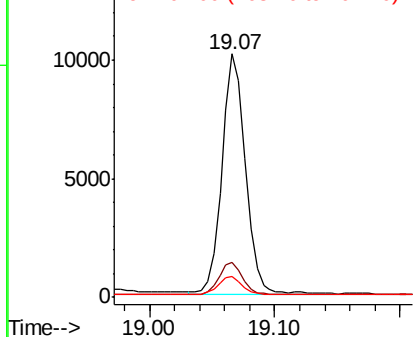
ClientSampleId :

PST-013-B212-062019MSD

Tgt Ion:	212	Resp:	13091
Ion	Ratio	Lower	Upper
212	100		
106	14.0	11.0	16.6
104	7.6	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: 7.336 ng

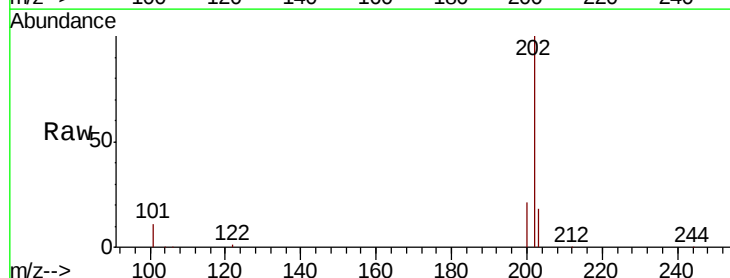
RT: 19.10 min Scan# 1890

Delta R.T. -0.01 min

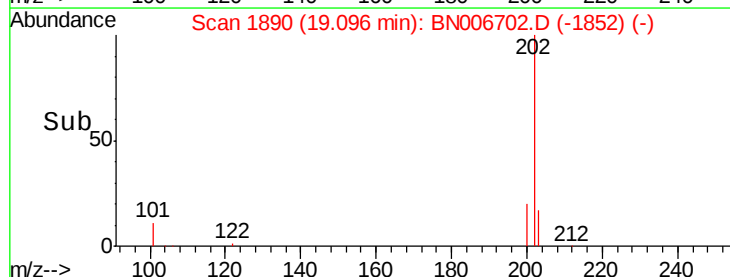
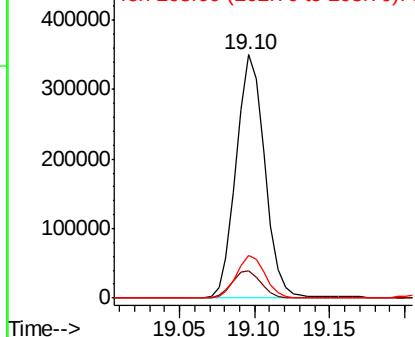
Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

Tgt Ion:	202	Resp:	462256
Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.7	13.1
203	17.4	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

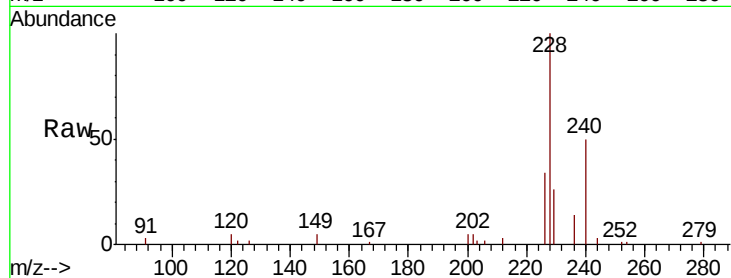




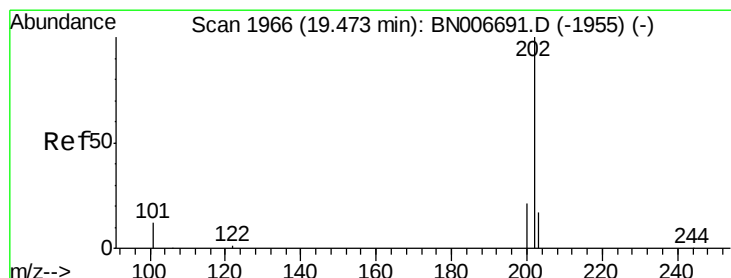
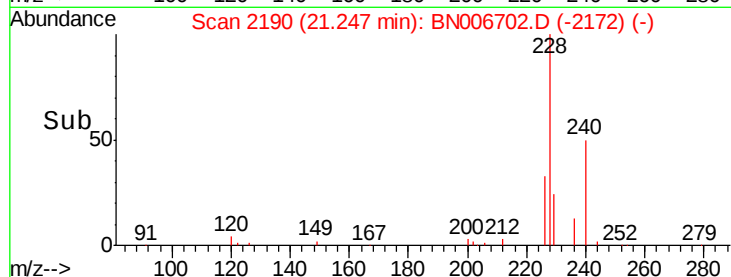
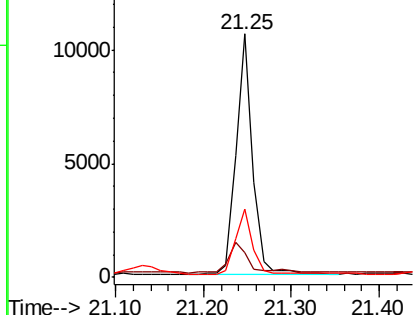
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BN006702.D
 Acq: 02 Jul 2019 21:11

Instrument :
 BNA_N
 ClientSampleId :
 PST-013-B212-062019MSD

Tgt Ion: 240 Resp: 13849
 Ion Ratio Lower Upper
 240 100
 120 10.1 12.9 19.3#
 236 28.0 23.2 34.8

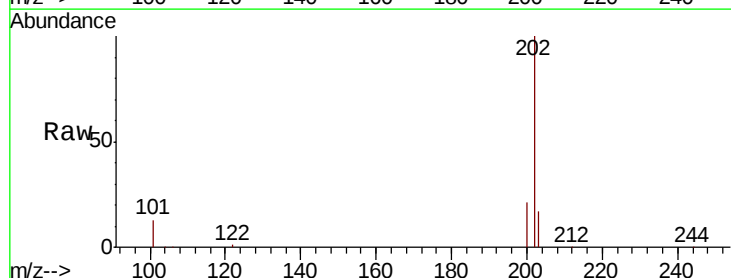


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

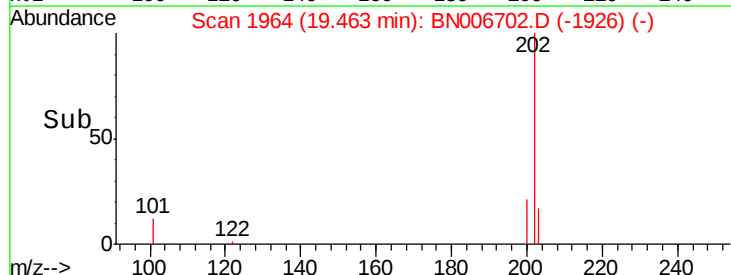
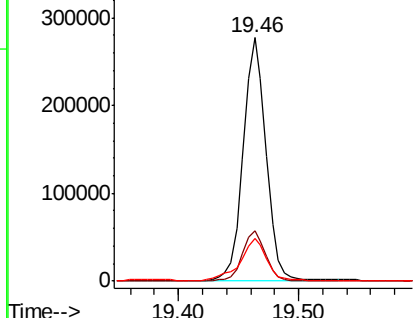


#28
 Pyrene
 Concen: 6.607 ng
 RT: 19.46 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BN006702.D
 Acq: 02 Jul 2019 21:11

Tgt Ion: 202 Resp: 366121
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.8 25.2
 203 20.4 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: 0.289 ng

RT: 19.67 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MSD

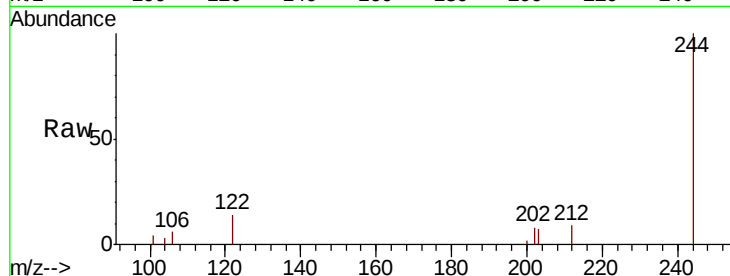
Tgt Ion:244 Resp: 9215

Ion Ratio Lower Upper

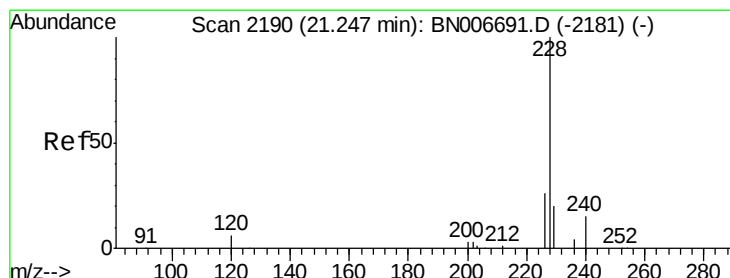
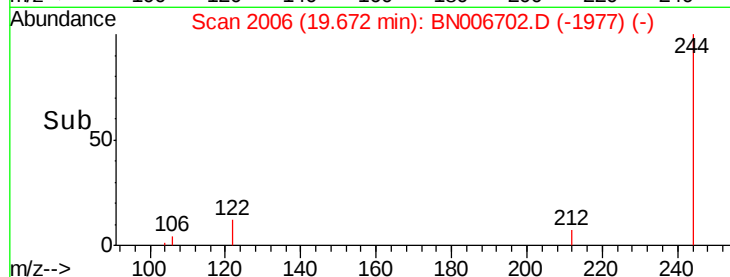
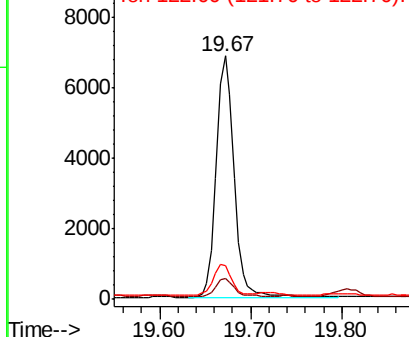
244 100

212 8.8 7.0 10.4

122 13.9 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: 4.055 ng

RT: 21.23 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

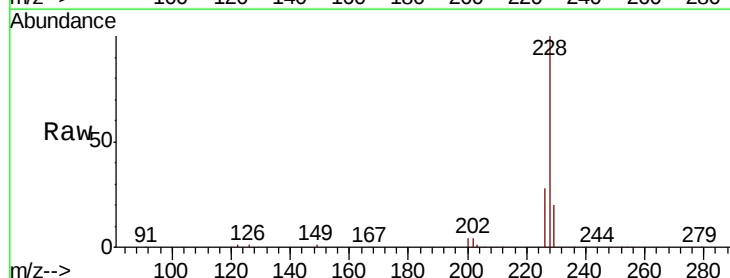
Tgt Ion:228 Resp: 193665

Ion Ratio Lower Upper

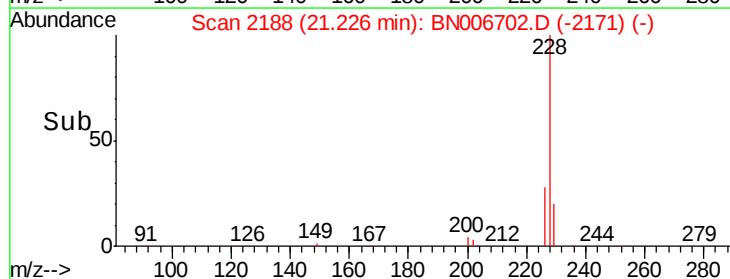
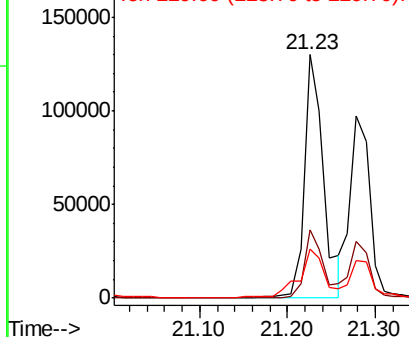
228 100

226 28.0 21.5 32.3

229 20.1 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

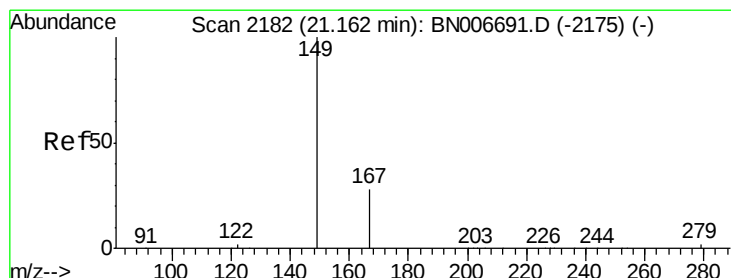
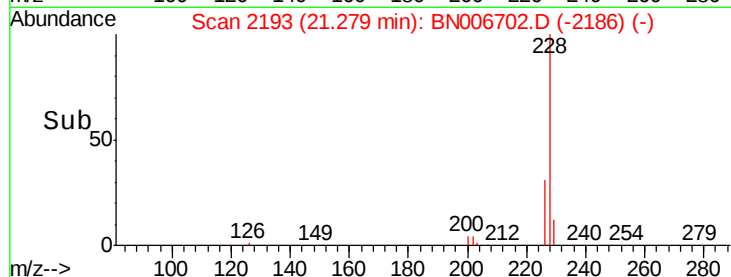
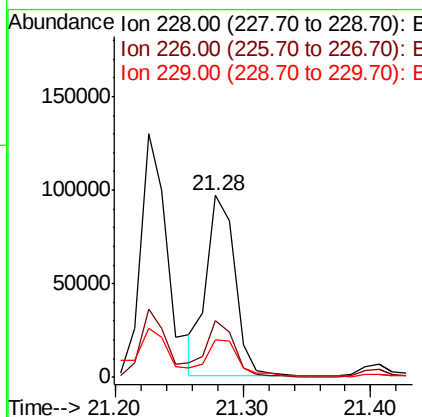
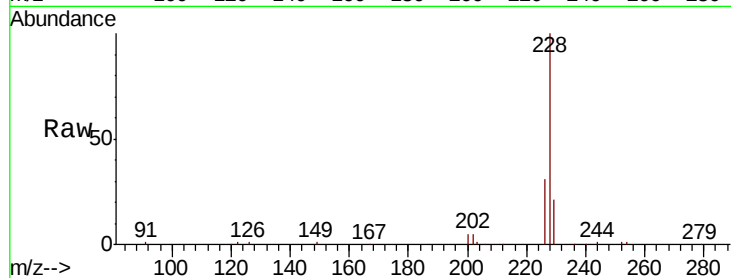




#31
Chrysene
Concen: 3.032 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BN006702.D
Acq: 02 Jul 2019 21:11

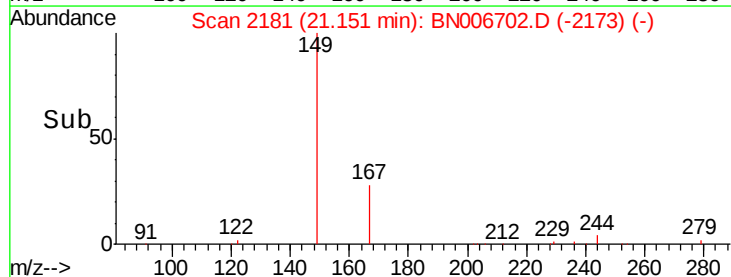
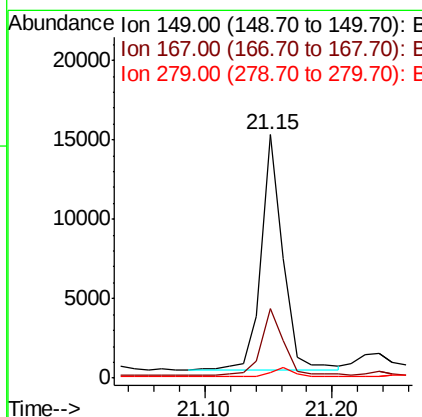
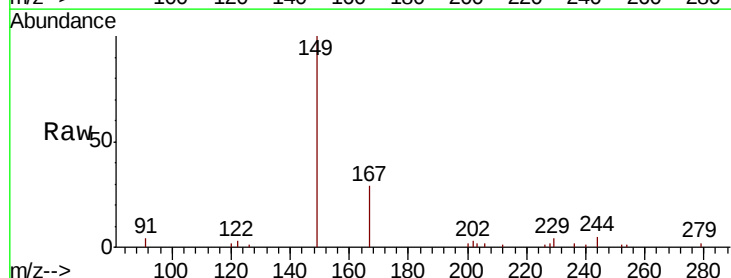
Instrument :
BNA_N
ClientSampleId :
PST-013-B212-062019MSD

Tgt Ion: 228 Resp: 149276
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.2
229 20.9 15.8 23.6



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.122 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN006702.D
Acq: 02 Jul 2019 21:11

Tgt Ion: 149 Resp: 17429
Ion Ratio Lower Upper
149 100
167 28.2 22.9 34.3
279 4.1 3.2 4.8





#33

Indeno(1,2,3-cd)pyrene

Concen: 1.683 ng

RT: 25.70 min Scan# 3263

Delta R.T. -0.04 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MSD

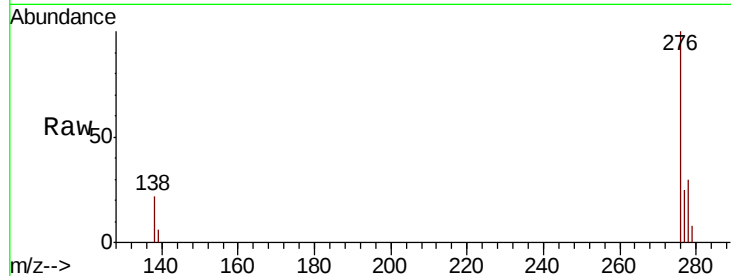
Tgt Ion:276 Resp: 99119

Ion Ratio Lower Upper

276 100

138 21.8 19.5 29.3

277 24.0 19.7 29.5

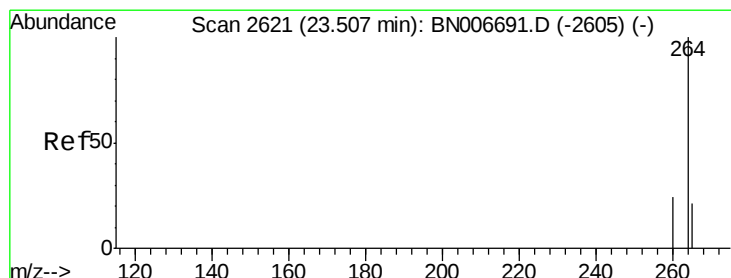
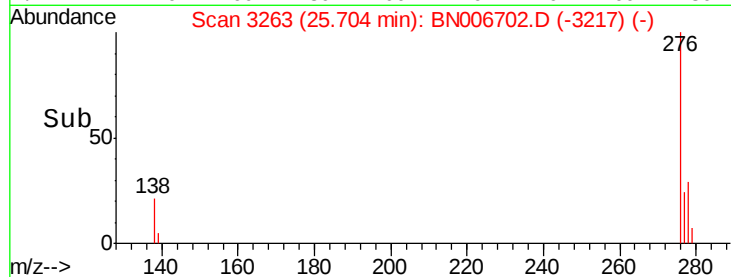
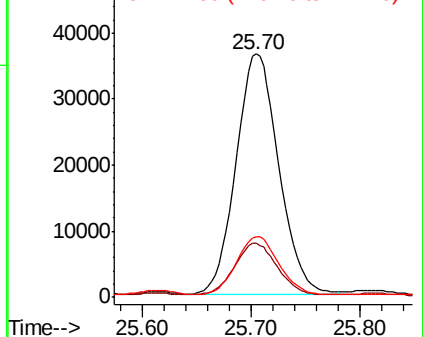


Abundance

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: 23.48 min Scan# 2613

Delta R.T. -0.03 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

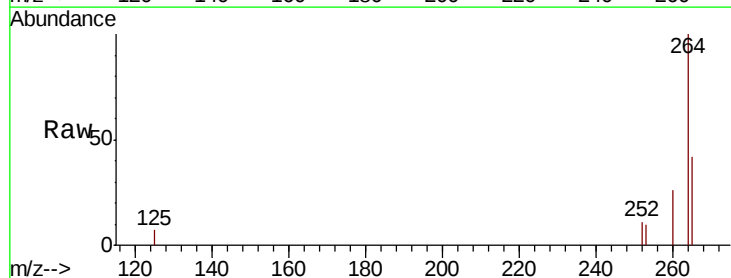
Tgt Ion:264 Resp: 13573

Ion Ratio Lower Upper

264 100

260 25.8 20.2 30.2

265 41.7 33.7 50.5

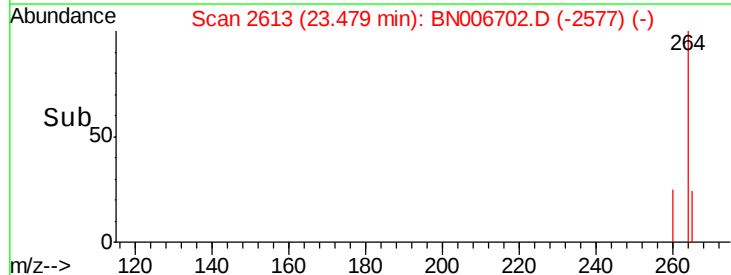
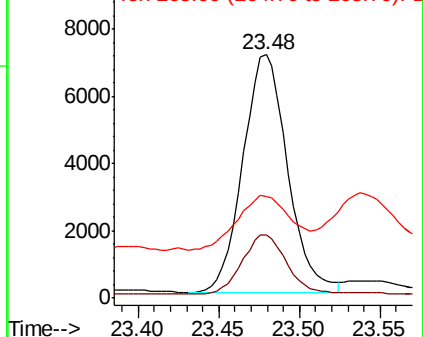


Abundance

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: 4.374 ng

RT: 22.81 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MSD

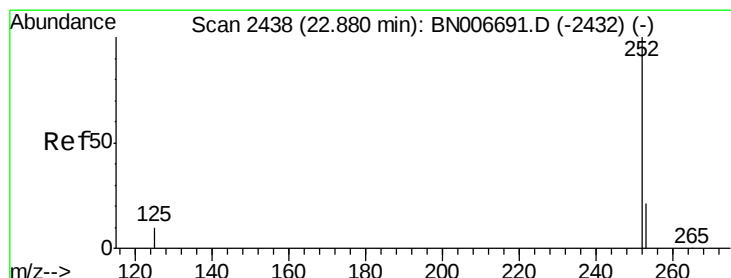
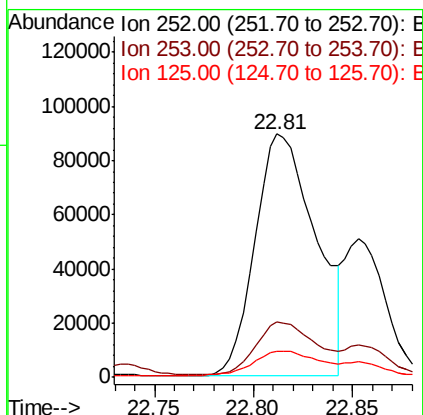
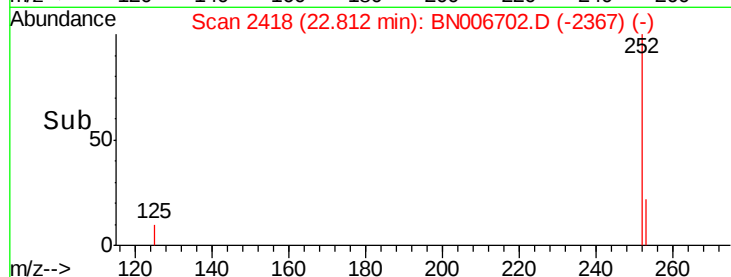
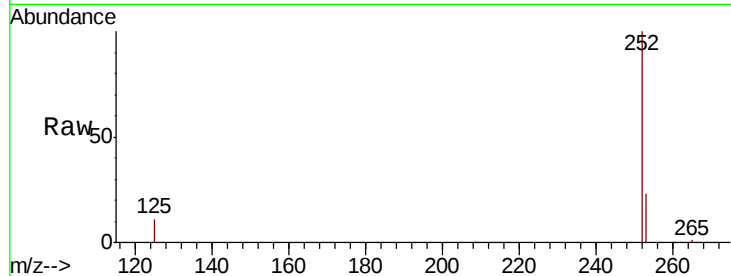
Tgt Ion:252 Resp: 190563

Ion Ratio Lower Upper

252 100

253 22.8 20.2 30.2

125 10.7 11.5 17.3#



#36

Benzo(k)fluoranthene

Concen: 4.034 ng

RT: 22.81 min Scan# 2418

Delta R.T. -0.07 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

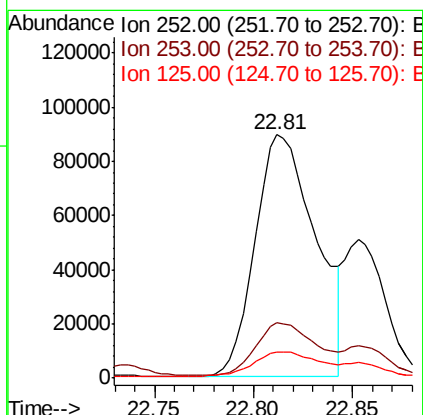
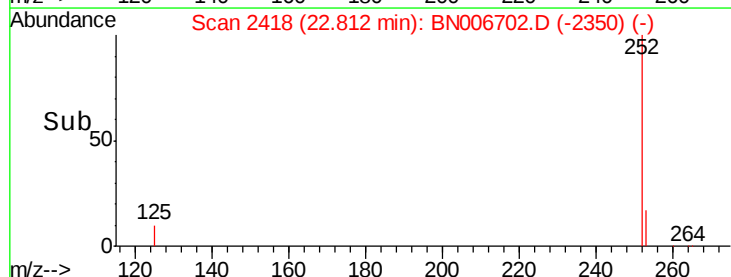
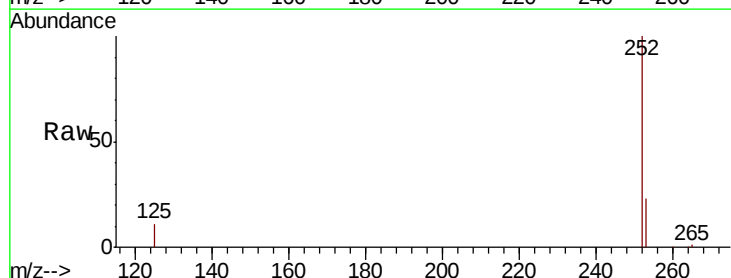
Tgt Ion:252 Resp: 190563

Ion Ratio Lower Upper

252 100

253 22.8 20.1 30.1

125 10.7 11.4 17.0#





#37

Benzo(a)pyrene

Concen: 1.938 ng

RT: 23.28 min Scan# 2556

Delta R.T. -0.13 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MSD

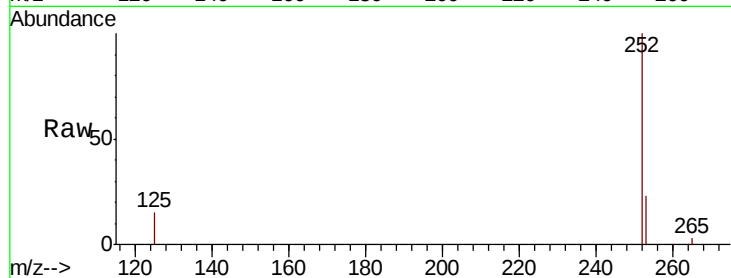
Tgt Ion: 252 Resp: 81815

Ion Ratio Lower Upper

252 100

253 23.4 21.4 32.2

125 15.0 13.3 19.9

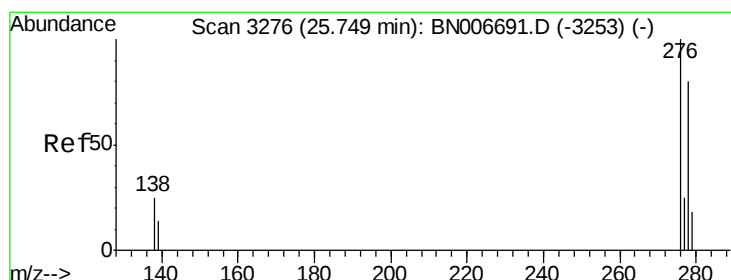
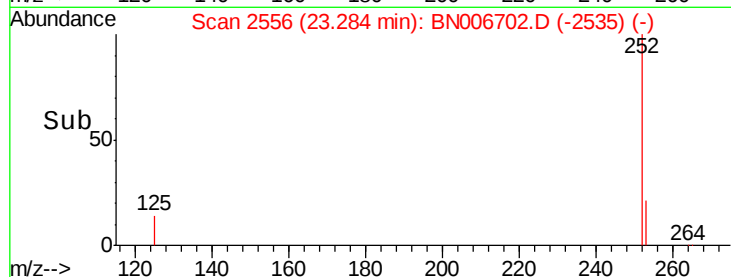
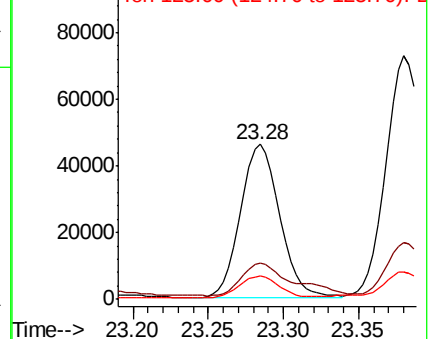


Abundance

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: 0.810 ng

RT: 25.71 min Scan# 3264

Delta R.T. -0.04 min

Lab File: BN006702.D

Acq: 02 Jul 2019 21:11

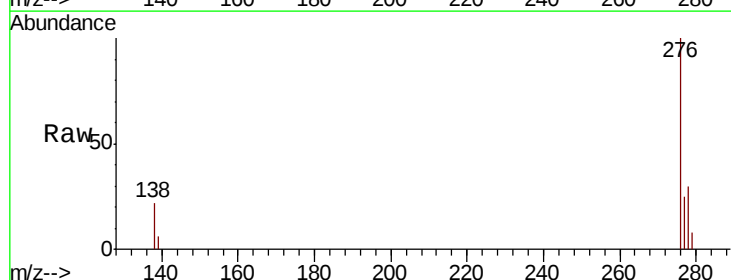
Tgt Ion: 278 Resp: 33960

Ion Ratio Lower Upper

278 100

139 19.7 16.2 24.4

279 27.7 20.7 31.1

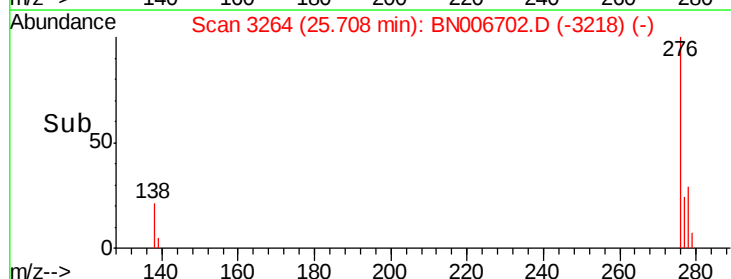
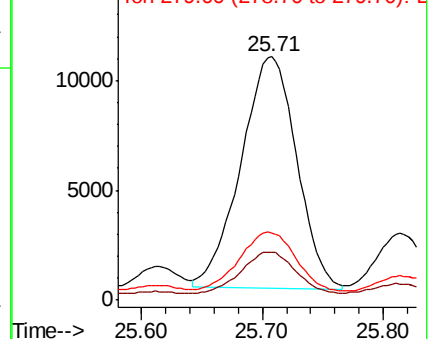


Abundance

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: 2.221 ng

RT: 26.39 min Scan# 3462

Delta R.T. -0.04 min

Lab File: BN006702.D

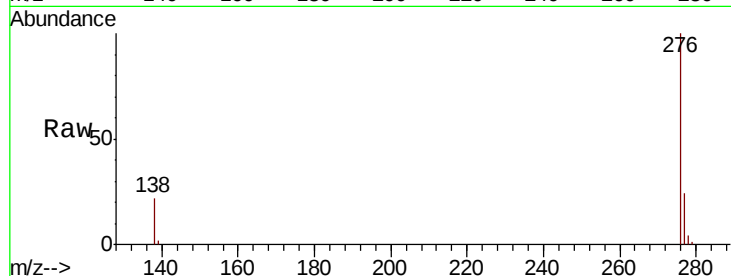
Acq: 02 Jul 2019 21:11

Instrument :

BNA_N

ClientSampleId :

PST-013-B212-062019MSD



Tgt Ion: 276 Resp: 95845

Ion Ratio Lower Upper

276 100

277 24.3 20.6 30.8

138 22.4 19.7 29.5

