

Data File : BN007899.D
Acq On : 30 Sep 2019 16:30
Operator : JU
Sample : K5077-23MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Quant Time: Oct 01 06:49:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	11135	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	44098	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	24959	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	45636	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	34718	0.40	ng	-0.01
34) Perylene-d12	23.47	264	42119	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	9252	0.24	ng	0.00
5) Phenol-d6	6.87	99	12357	0.26	ng	0.00
8) Nitrobenzene-d5	8.83	82	10849	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	21221	0.29	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	2793	0.21	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	28093	0.27	ng	-0.01
25) Fluoranthene-d10	19.09	212	35824	0.23	ng	-0.01
29) Terphenyl-d14	19.70	244	28590	0.34	ng	-0.01

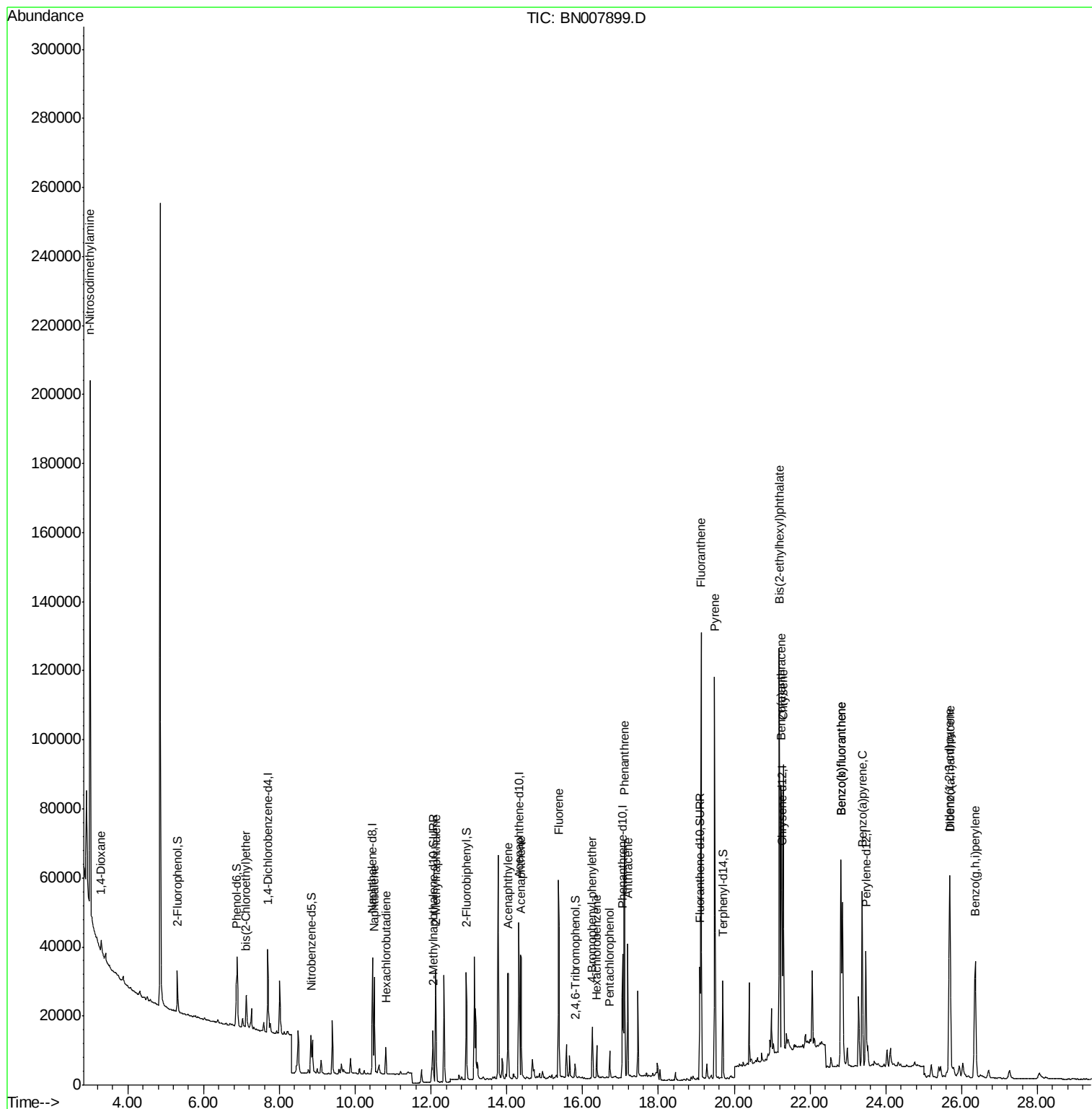
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	2595	0.209	ng	# 85
3) n-Nitrosodimethylamine	3.01	42	11916	2.096	ng	# 74
6) bis(2-Chloroethyl)ether	7.13	93	9707	0.308	ng	91
9) Naphthalene	10.51	128	34484	0.279	ng	100
10) Hexachlorobutadiene	10.81	225	6737	0.258	ng	# 99
12) 2-Methylnaphthalene	12.13	142	23177	0.277	ng	99
16) Acenaphthylene	14.03	152	39460	0.298	ng	99
17) Acenaphthene	14.38	154	20820	0.244	ng	98
18) Fluorene	15.36	166	26875	0.246	ng	98
20) 4-Bromophenyl-phenylether	16.25	248	7998	0.289	ng	# 75
21) Hexachlorobenzene	16.38	284	8145	0.269	ng	98
22) Pentachlorophenol	16.72	266	4328	0.388	ng	99
23) Phenanthrene	17.10	178	72661	0.511	ng	100
24) Anthracene	17.19	178	40089	0.312	ng	99
26) Fluoranthene	19.12	202	114285	0.647	ng	99
28) Pyrene	19.49	202	105979	0.895	ng	98
30) Benzo(a)anthracene	21.24	228	60896	0.476	ng	98
31) Chrysene	21.29	228	69708	0.559	ng	99
32) Bis(2-ethylhexyl)phthalate	21.19	149	96479	1.467	ng	100
33) Indeno(1,2,3-cd)pyrene	25.68	276	77133	0.494	ng	99
35) Benzo(b)fluoranthene	22.81	252	86632	0.592	ng	99
36) Benzo(k)fluoranthene	22.81	252	86632	0.599	ng	99
37) Benzo(a)pyrene	23.38	252	69664	0.507	ng	99
38) Dibenzo(a,h)anthracene	25.70	278	45489	0.324	ng	98
39) Benzo(g,h,i)perylene	26.36	276	71728	0.516	ng	99

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

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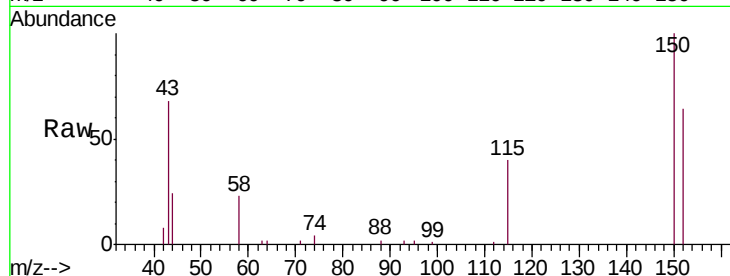


#1

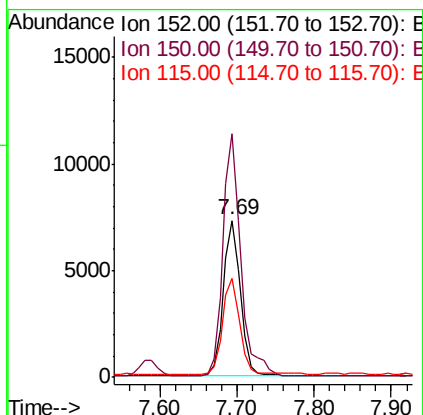
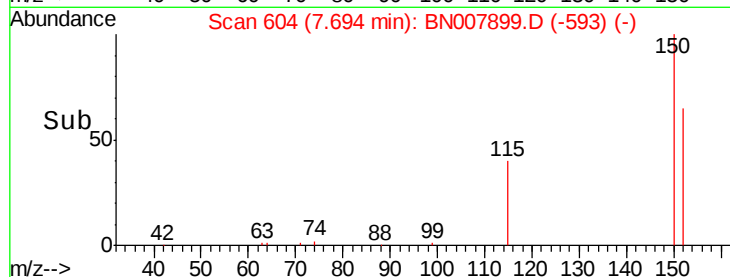
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.69 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BN007899.D
 Acq: 30 Sep 2019 16:30

Instrument :
 BNA_N
 ClientSampleId :
 PST-024-SW138-092519MS

Tgt Ion: 152 Resp: 11135
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.6 188.4
 115 62.8 53.3 79.9



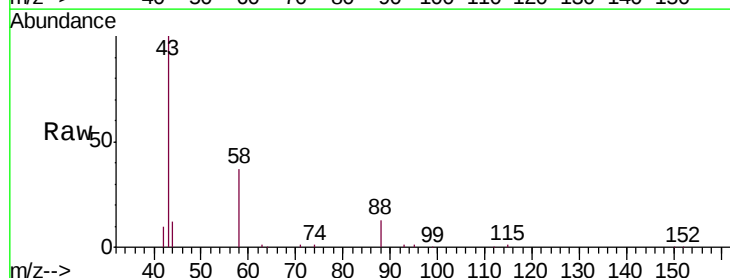
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



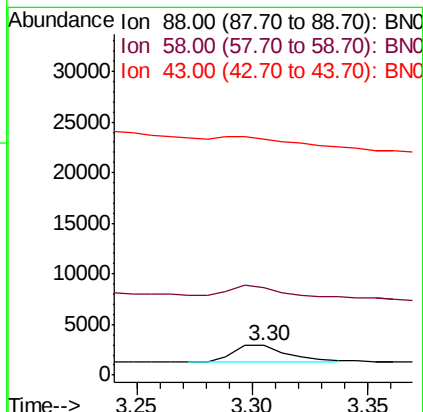
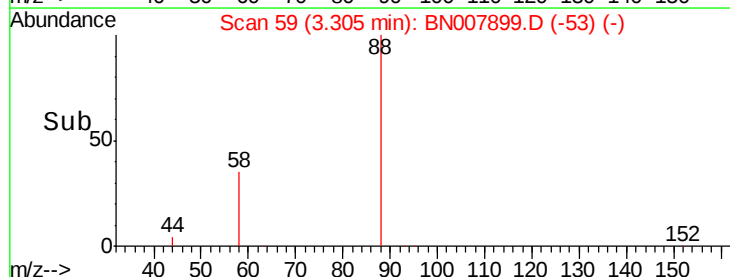
#2

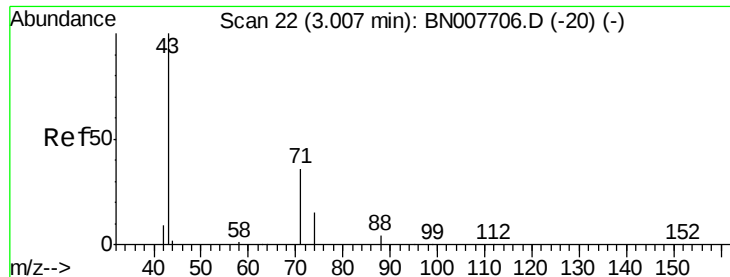
1,4-Dioxane
 Concen: 0.209 ng
 RT: 3.30 min Scan# 59
 Delta R.T. -0.00 min
 Lab File: BN007899.D
 Acq: 30 Sep 2019 16:30

Tgt Ion: 88 Resp: 2595
 Ion Ratio Lower Upper
 88 100
 58 60.3 44.6 66.8
 43 0.0 14.4 21.6#



Abundance Ion 88.00 (87.70 to 88.70): BNC
 Ion 58.00 (57.70 to 58.70): BNC
 Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 2.096 ng

RT: 3.01 min Scan# 22

Delta R.T. -0.00 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MS

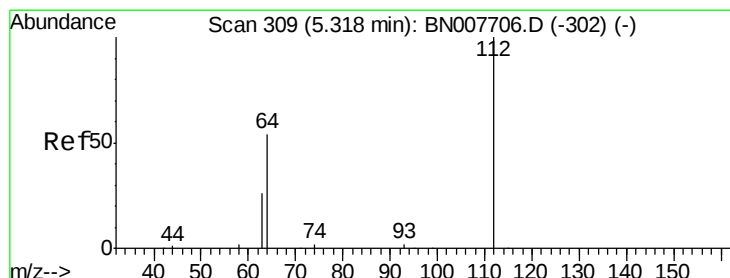
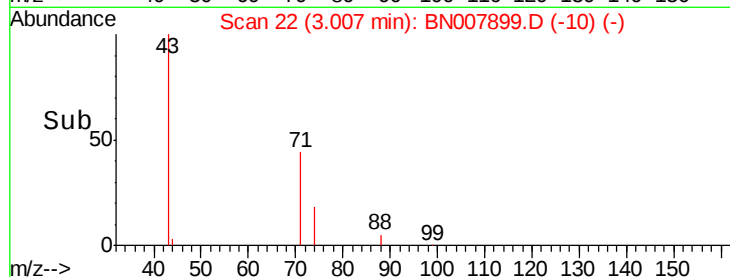
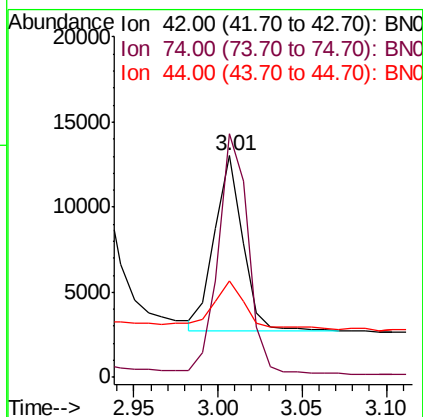
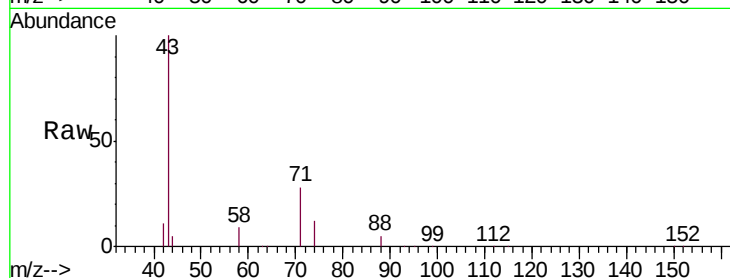
Tgt Ion: 42 Resp: 11916

Ion Ratio Lower Upper

42 100

74 144.8 87.9 131.9#

44 33.0 29.4 44.0



#4

2-Fluorophenol

Concen: 0.241 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

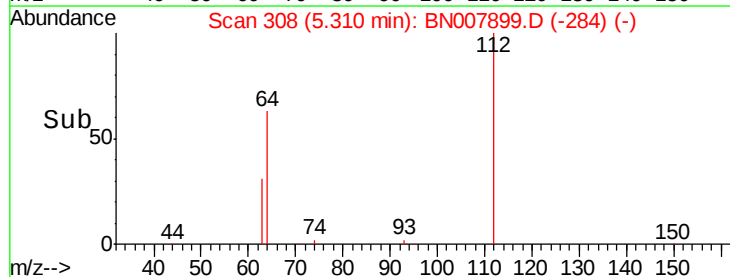
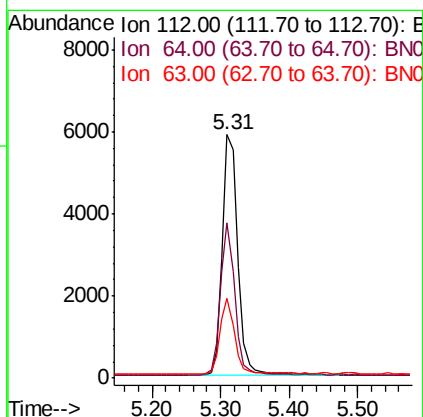
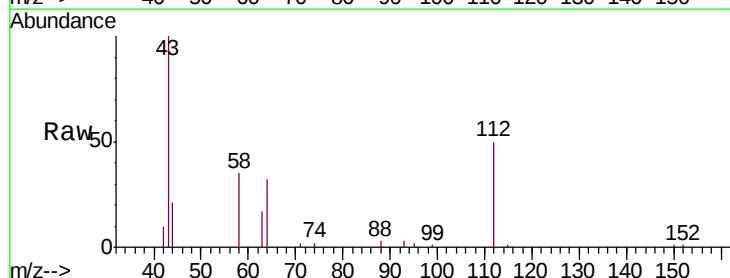
Tgt Ion: 112 Resp: 9252

Ion Ratio Lower Upper

112 100

64 59.1 46.6 70.0

63 29.3 23.1 34.7





#5

Phenol-d6

Concen: 0.256 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MS

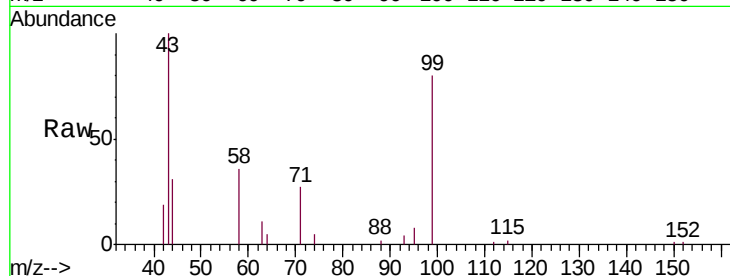
Tgt Ion: 99 Resp: 12357

Ion Ratio Lower Upper

99 100

42 22.6 12.8 19.2#

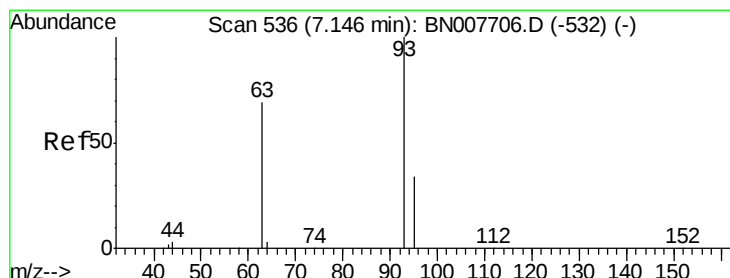
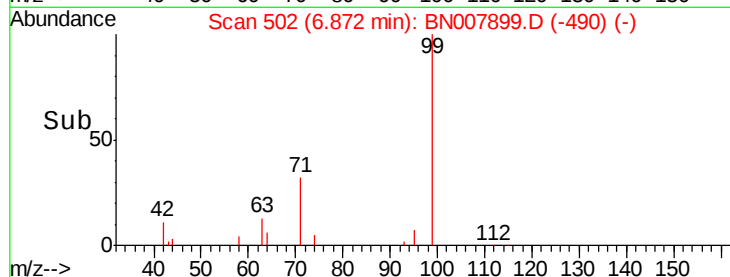
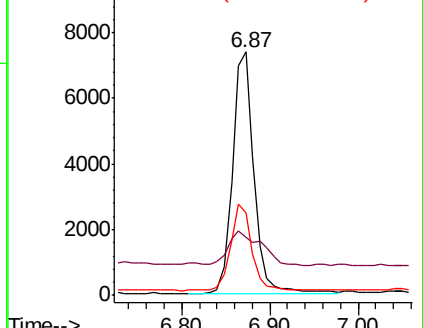
71 35.6 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007899.D (-511) (-)

Ion 42.00 (41.70 to 42.70): BN007899.D (-511) (-)

Ion 71.00 (70.70 to 71.70): BN007899.D (-511) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.308 ng

RT: 7.13 min Scan# 534

Delta R.T. -0.02 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

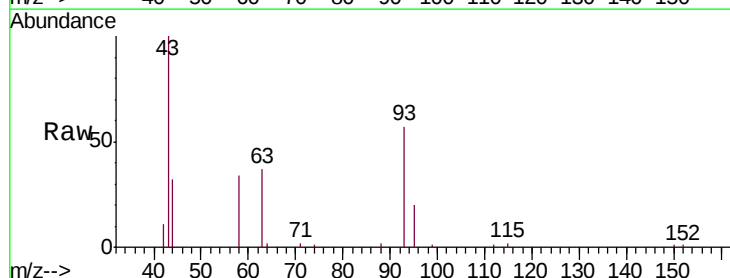
Tgt Ion: 93 Resp: 9707

Ion Ratio Lower Upper

93 100

63 67.8 59.3 88.9

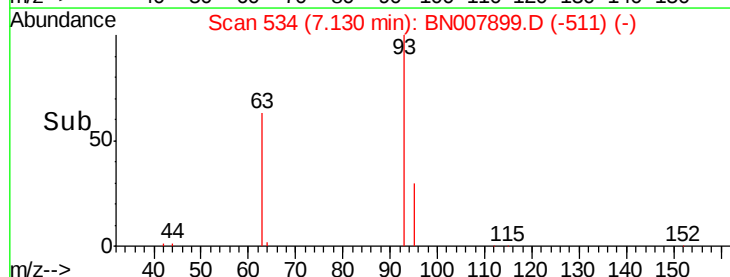
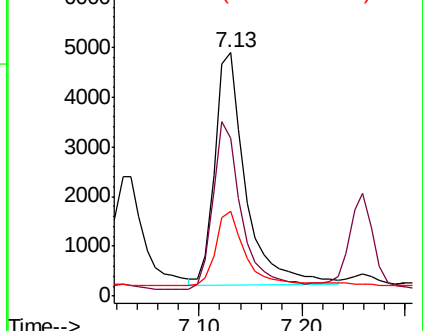
95 31.6 31.4 47.0

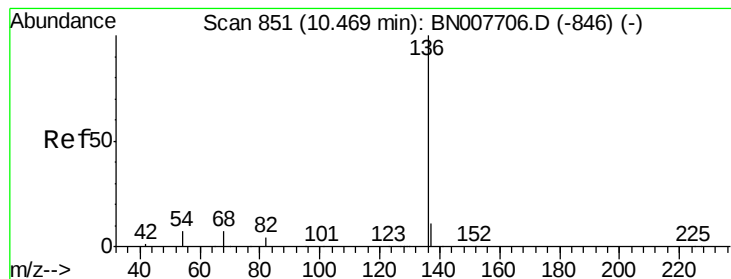


Abundance Ion 93.00 (92.70 to 93.70): BN007899.D (-511) (-)

Ion 63.00 (62.70 to 63.70): BN007899.D (-511) (-)

Ion 95.00 (94.70 to 95.70): BN007899.D (-511) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

Instrument :

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PST-024-SW138-092519MS

Tgt Ion:136 Resp: 44098

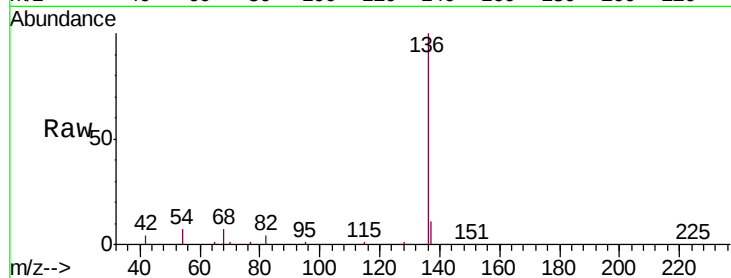
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.9 5.8 8.8

68 7.3 6.5 9.7

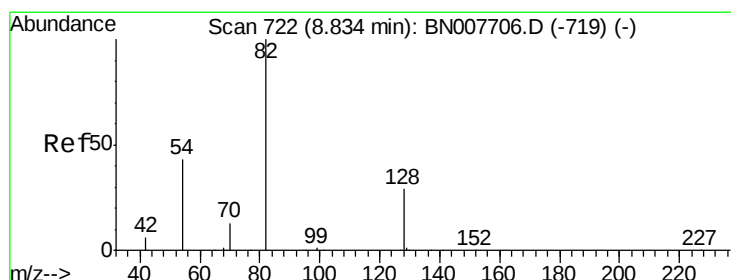
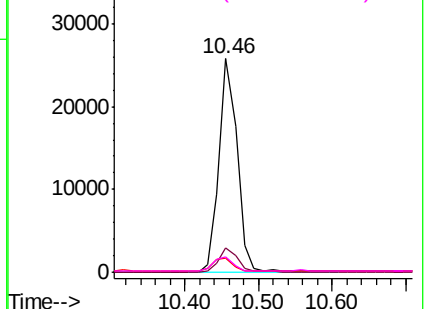
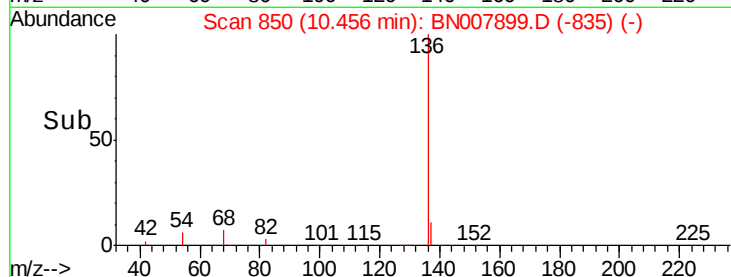


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.281 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

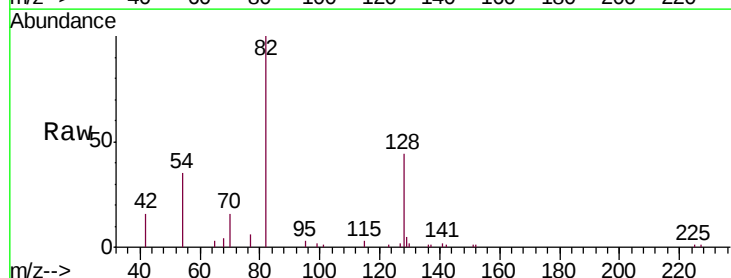
Tgt Ion: 82 Resp: 10849

Ion Ratio Lower Upper

82 100

128 43.9 24.5 36.7#

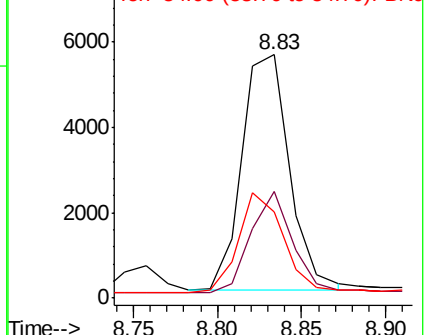
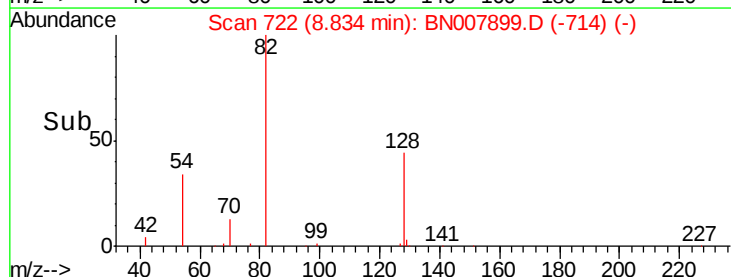
54 35.1 35.2 52.8#



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.279 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

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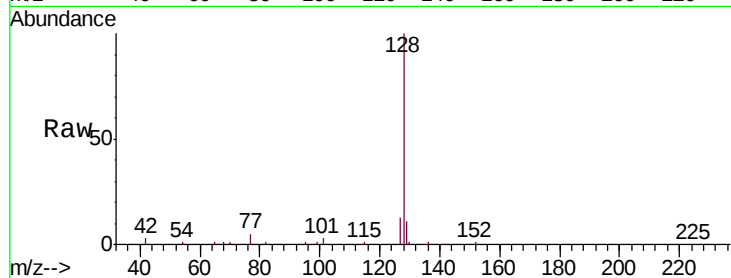
Tgt Ion:128 Resp: 34484

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

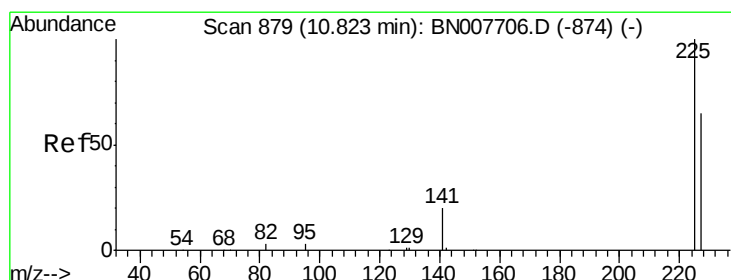
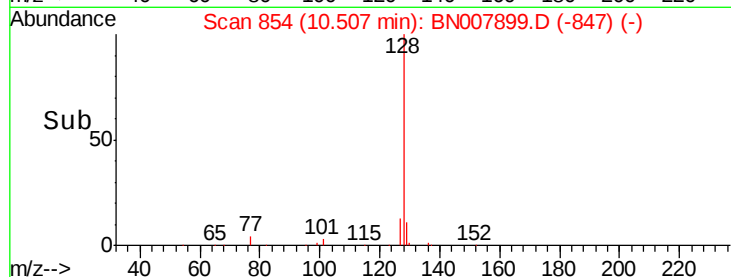
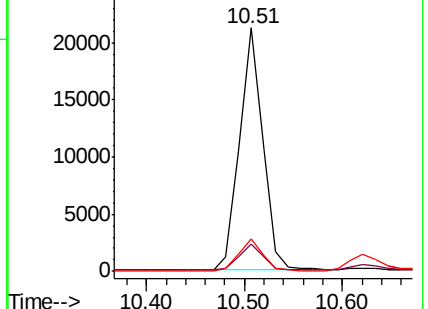
127 13.3 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.258 ng

RT: 10.81 min Scan# 878

Delta R.T. -0.01 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

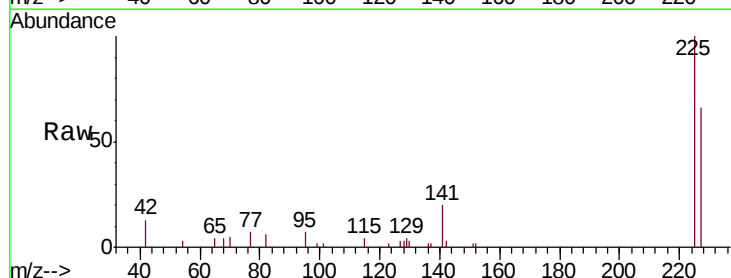
Tgt Ion:225 Resp: 6737

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

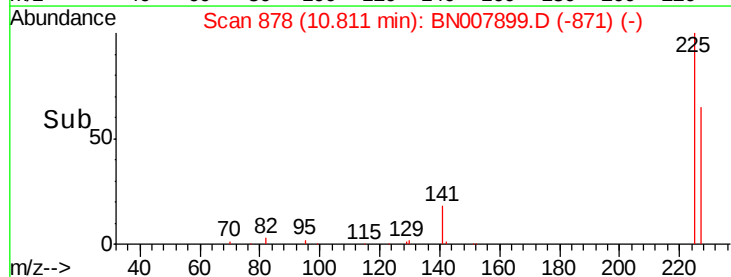
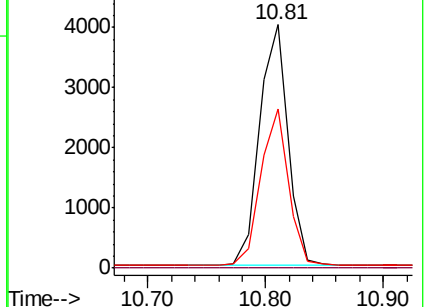
227 63.4 51.2 76.8

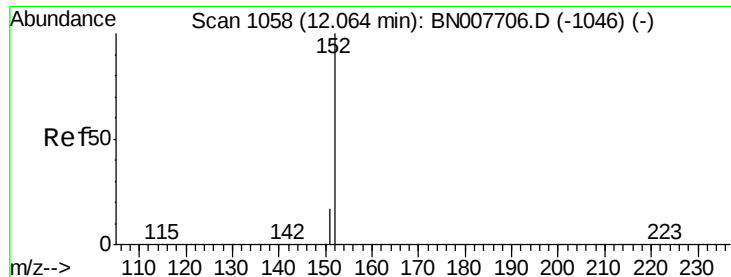


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

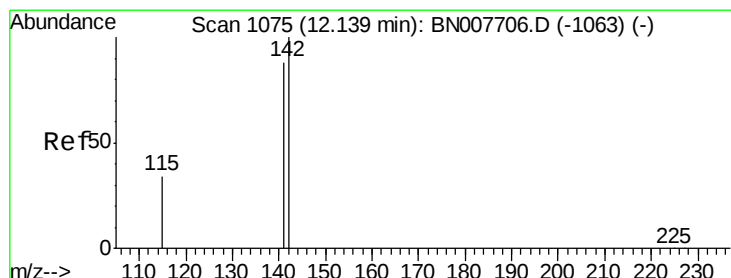
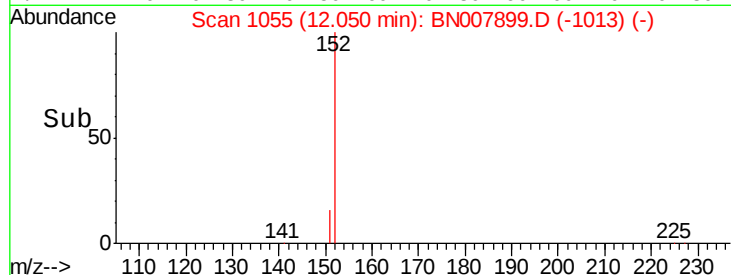
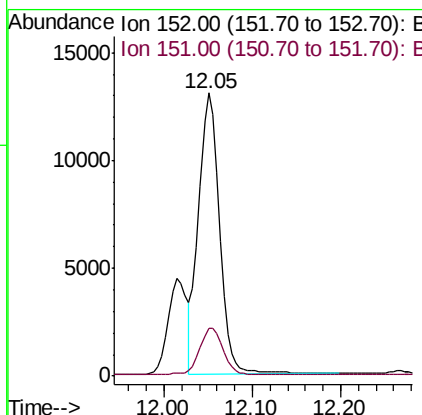
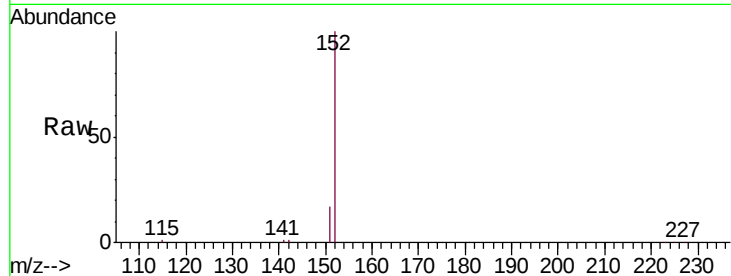




#11
 2-Methylnaphthalene-d10
 Concen: 0.286 ng
 RT: 12.05 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BN007899.D
 Acq: 30 Sep 2019 16:30

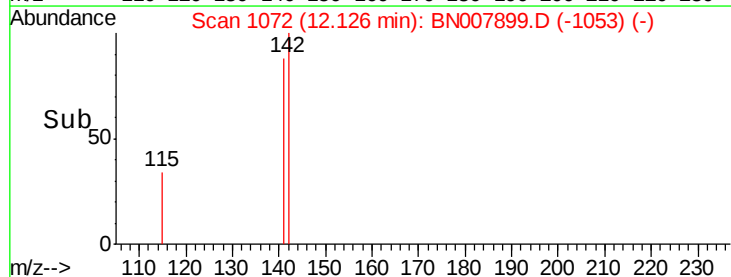
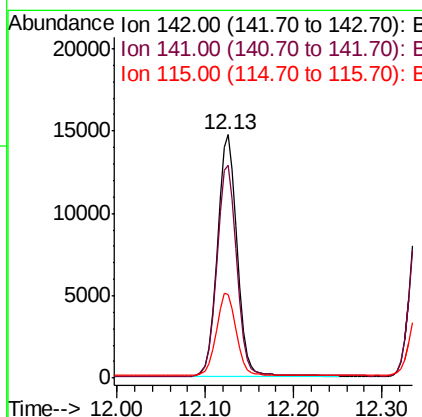
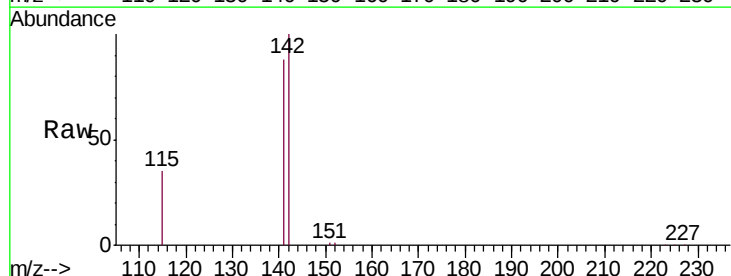
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 PST-024-SW138-092519MS

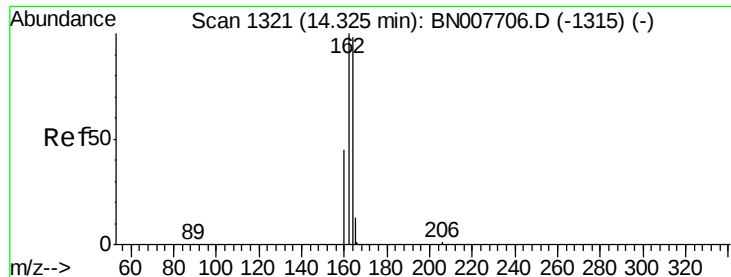
Tgt Ion:152 Resp: 21221
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.277 ng
 RT: 12.13 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BN007899.D
 Acq: 30 Sep 2019 16:30

Tgt Ion:142 Resp: 23177
 Ion Ratio Lower Upper
 142 100
 141 87.5 70.6 106.0
 115 34.5 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MS

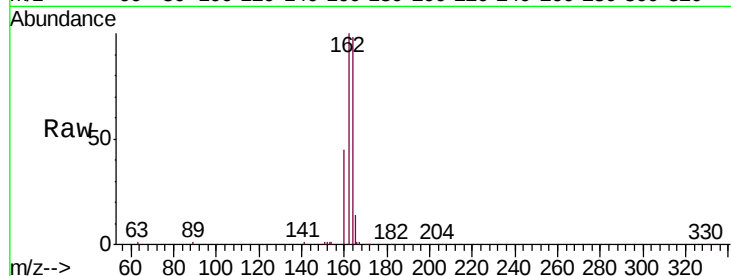
Tgt Ion:164 Resp: 24959

Ion Ratio Lower Upper

164 100

162 101.7 81.7 122.5

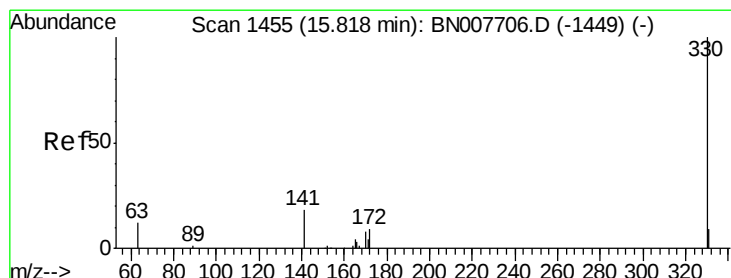
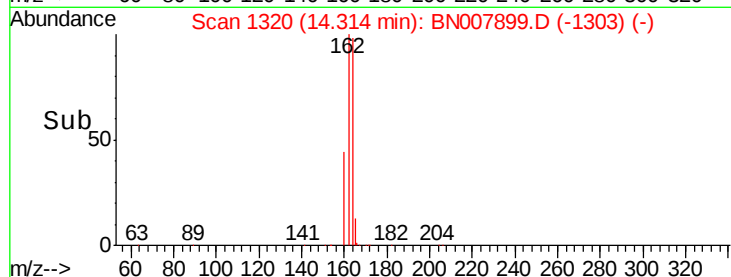
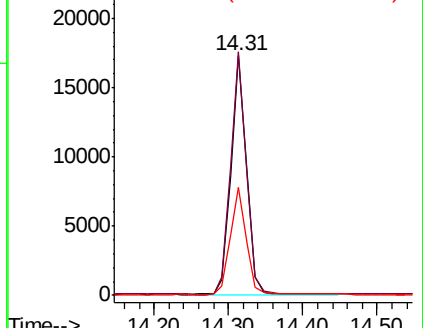
160 45.3 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.205 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

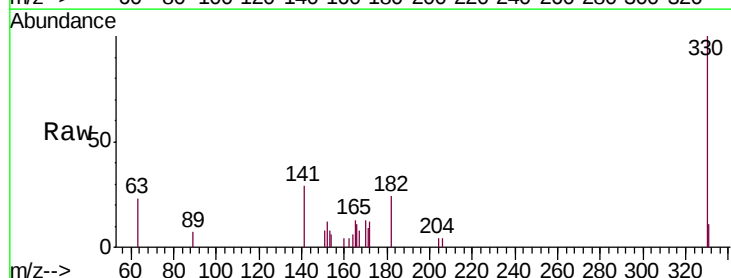
Tgt Ion:330 Resp: 2793

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

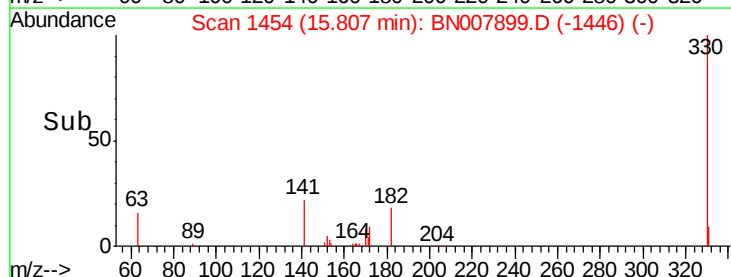
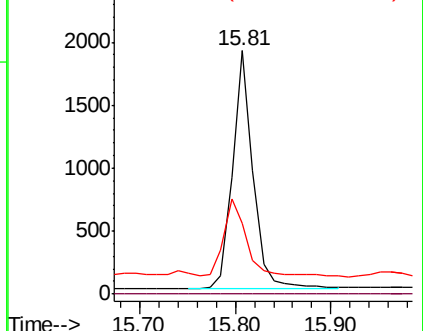
141 34.9 28.7 43.1

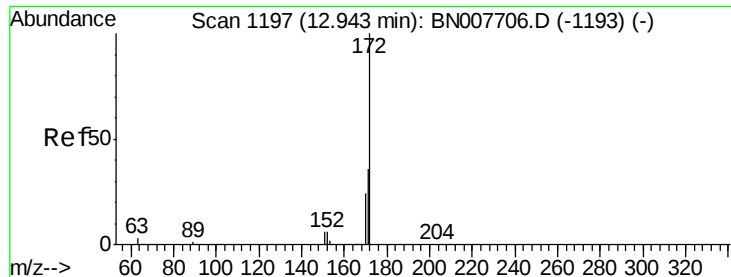


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

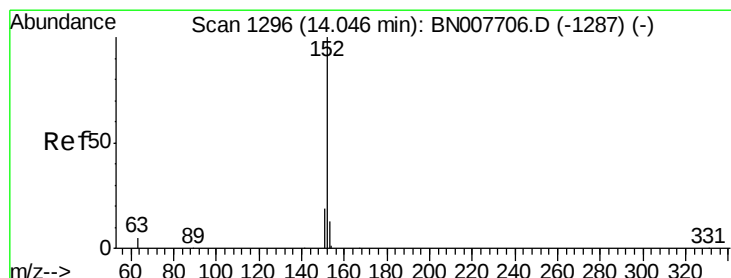
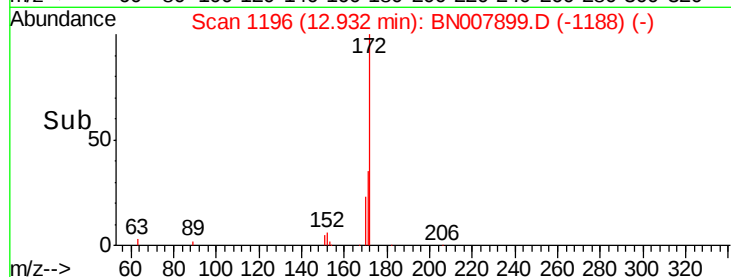
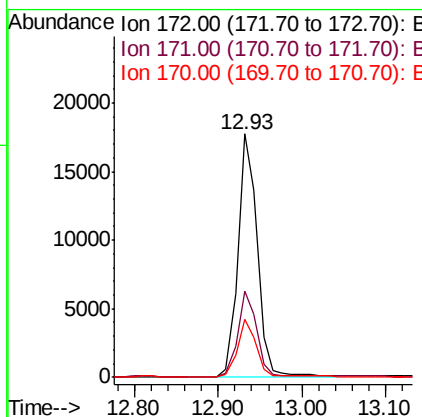
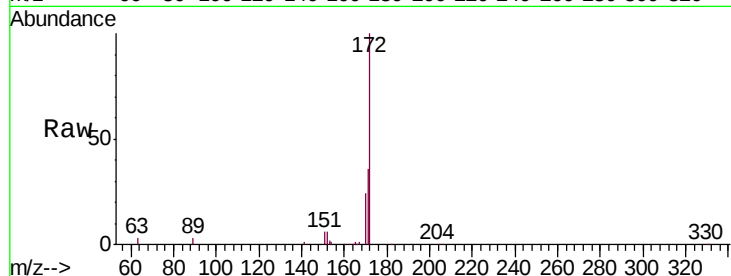




#15
2-Fluorobiphenyl
Concen: 0.273 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

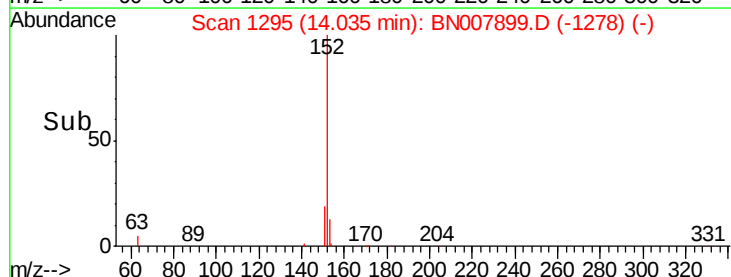
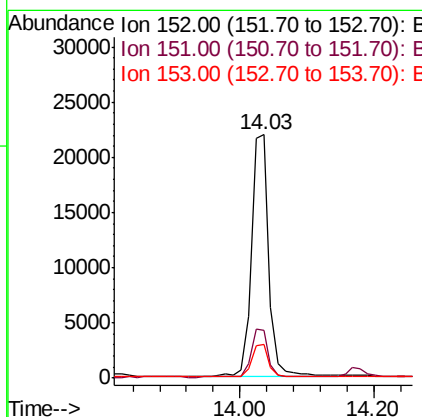
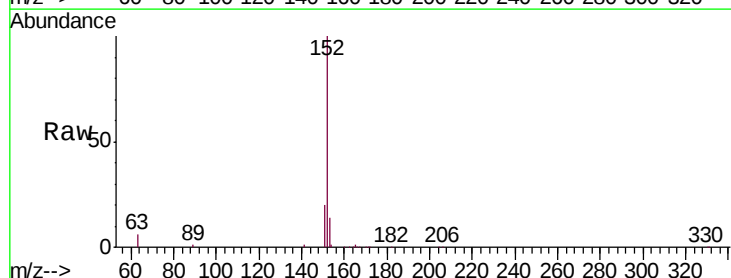
Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

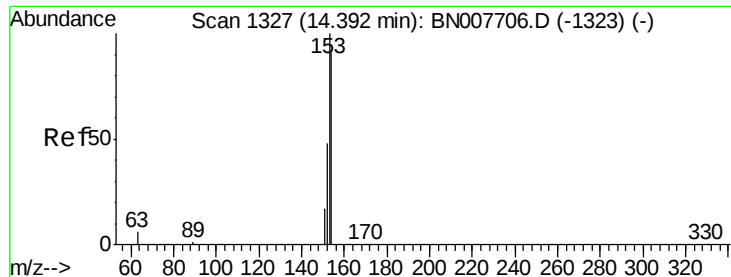
Tgt Ion:172 Resp: 28093
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.7 19.5 29.3



#16
Acenaphthylene
Concen: 0.298 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Tgt Ion:152 Resp: 39460
Ion Ratio Lower Upper
152 100
151 20.1 15.5 23.3
153 13.1 10.4 15.6





#17

Acenaphthene

Concen: 0.244 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MS

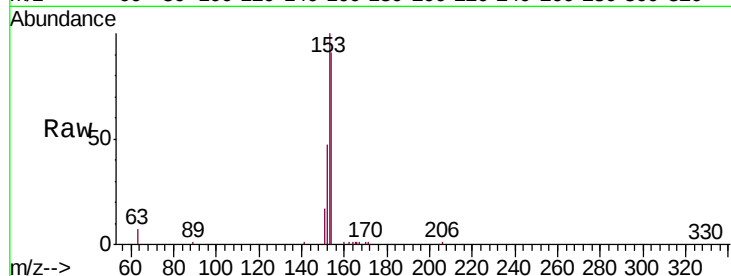
Tgt Ion:154 Resp: 20820

Ion Ratio Lower Upper

154 100

153 111.5 87.0 130.4

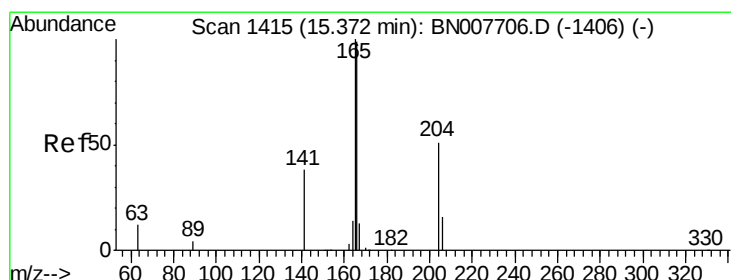
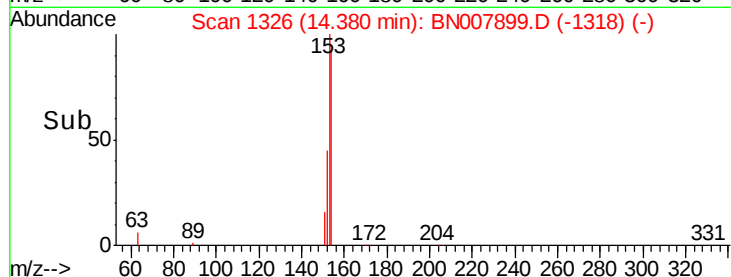
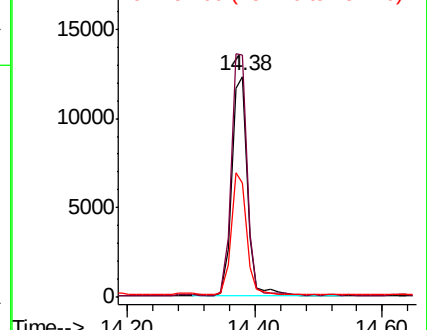
152 54.5 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.246 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

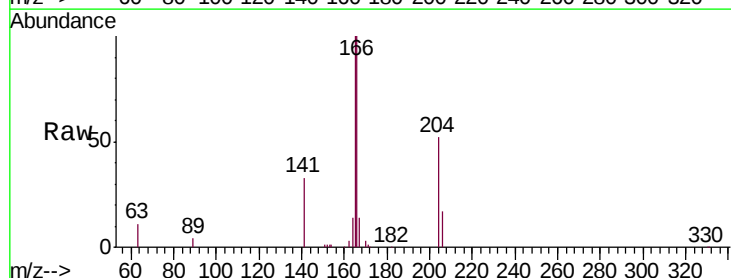
Tgt Ion:166 Resp: 26875

Ion Ratio Lower Upper

166 100

165 95.0 78.0 117.0

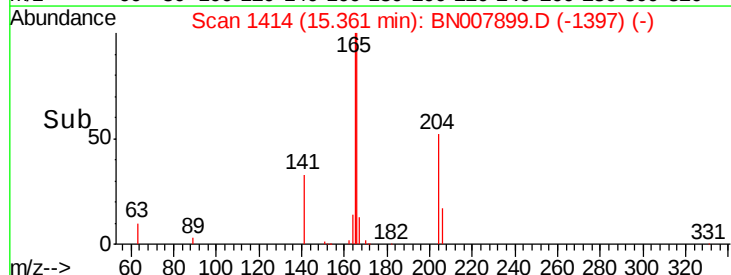
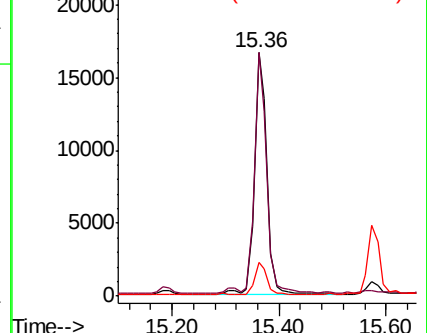
167 13.3 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MS

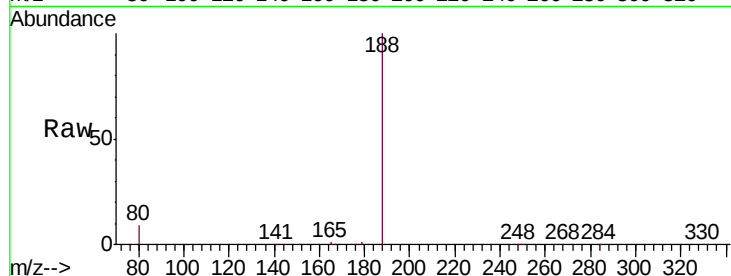
Tgt Ion:188 Resp: 45636

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

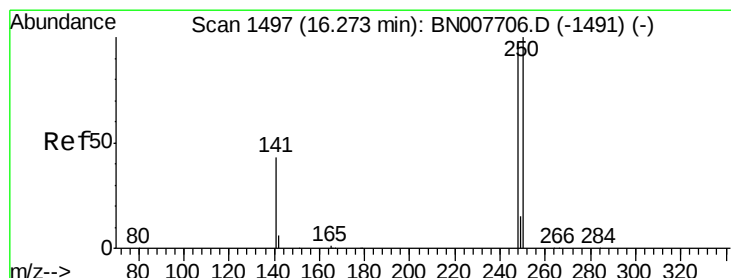
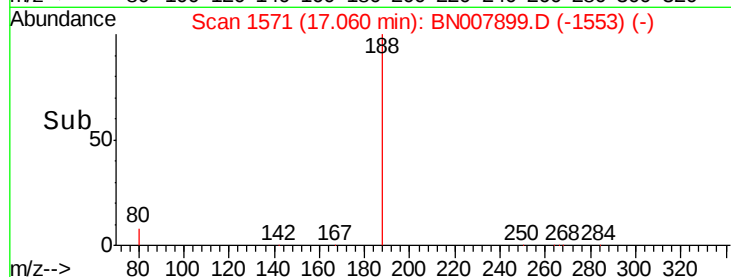
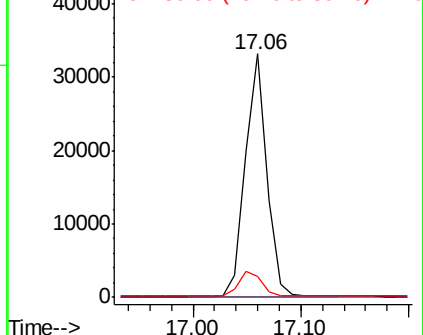
80 8.7 7.4 11.2



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: 16.25 min Scan# 1495

Delta R.T. -0.02 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

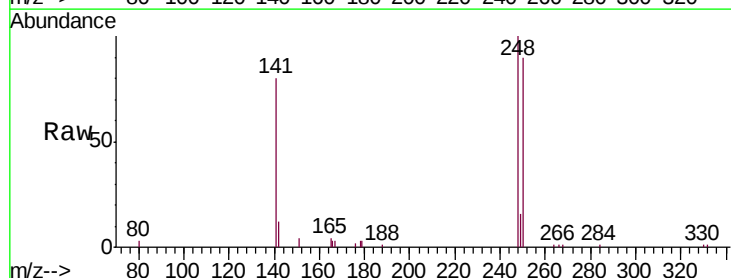
Tgt Ion:248 Resp: 7998

Ion Ratio Lower Upper

248 100

250 90.1 82.2 123.4

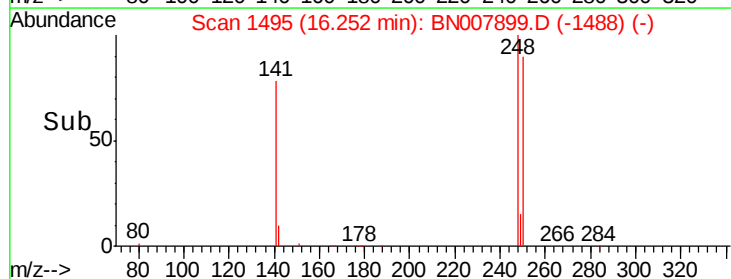
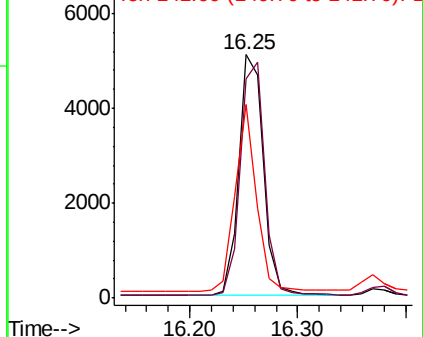
141 79.8 36.3 54.5#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.269 ng

RT: 16.38 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MS

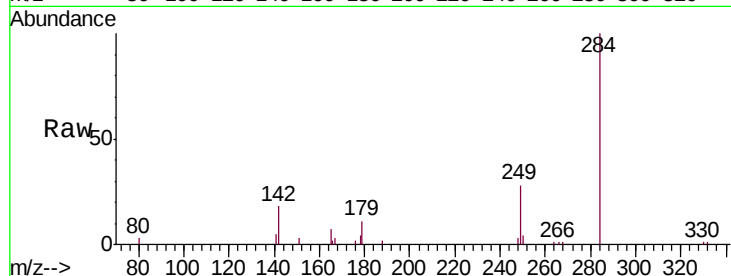
Tgt Ion:284 Resp: 8145

Ion Ratio Lower Upper

284 100

142 31.0 25.8 38.6

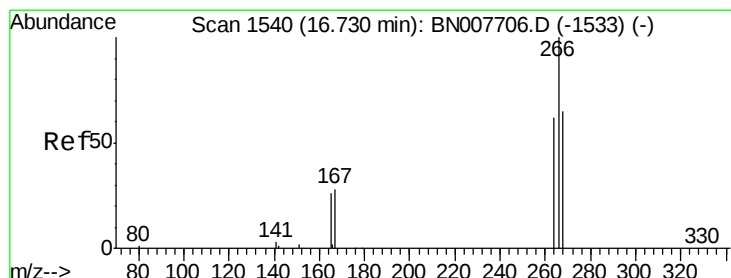
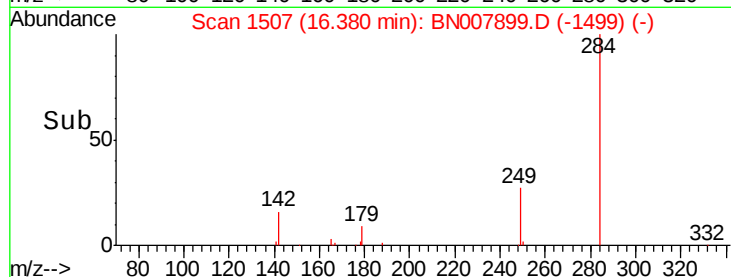
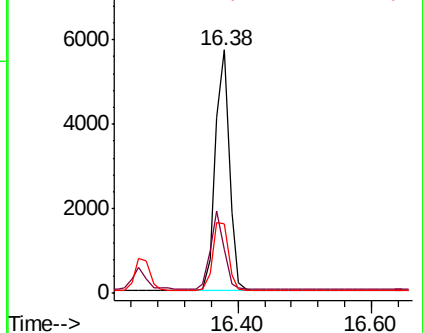
249 31.4 25.9 38.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.388 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

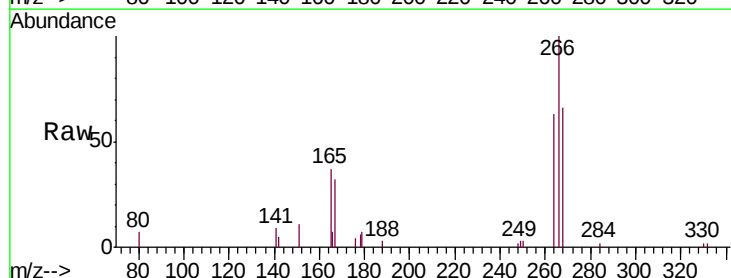
Tgt Ion:266 Resp: 4328

Ion Ratio Lower Upper

266 100

264 62.5 50.0 75.0

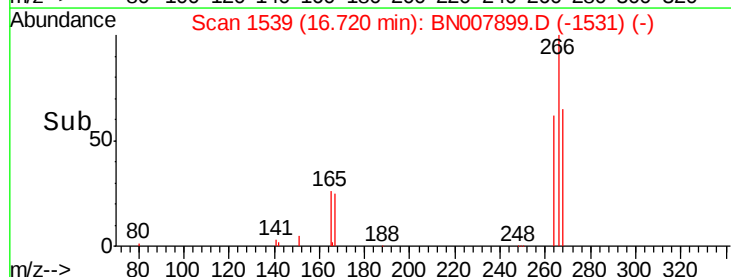
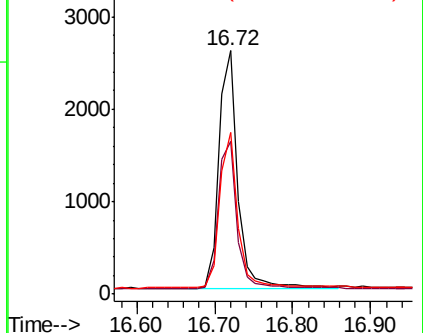
268 66.4 54.2 81.4

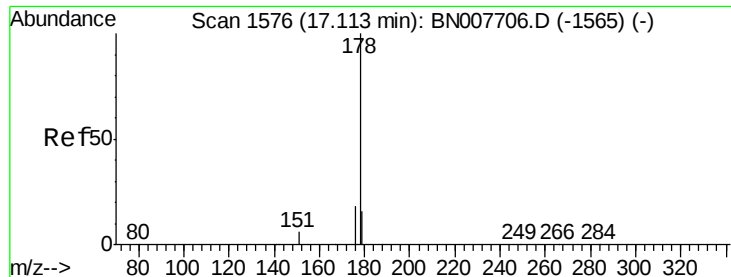


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.511 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MS

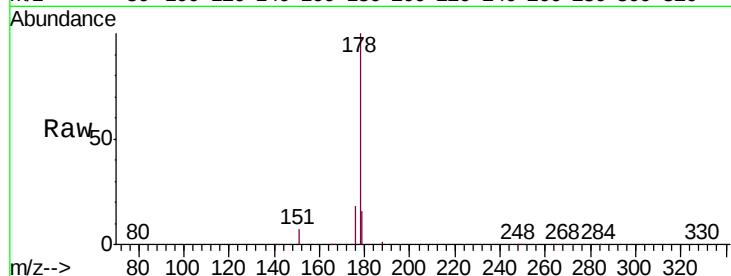
Tgt Ion:178 Resp: 72661

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

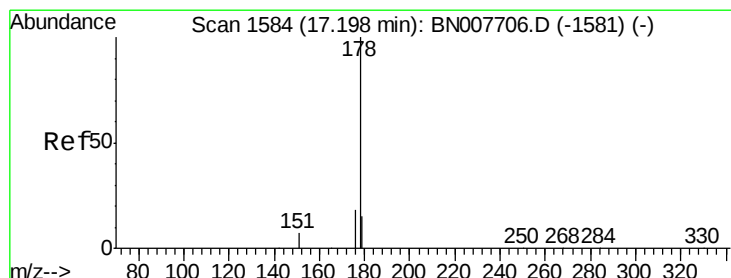
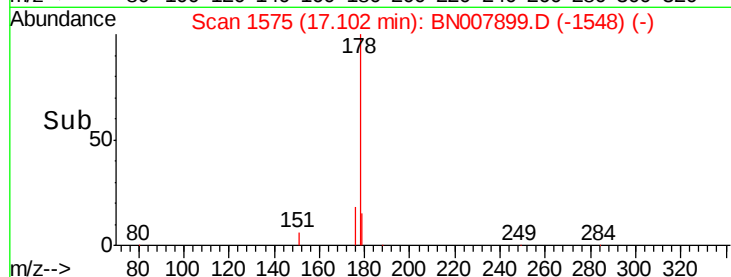
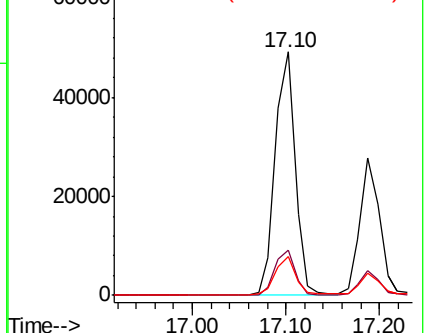
179 15.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.312 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

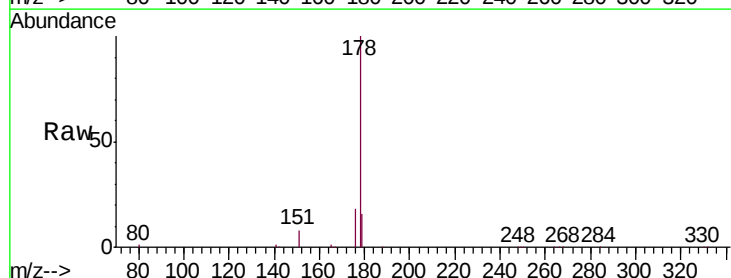
Tgt Ion:178 Resp: 40089

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

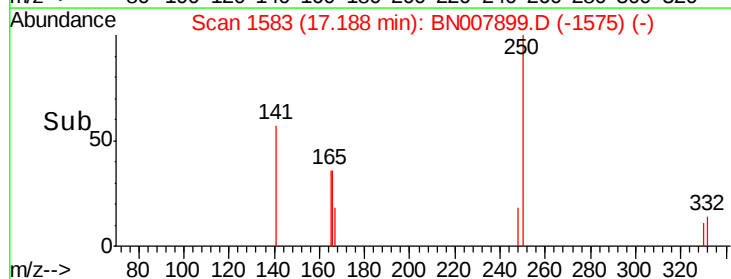
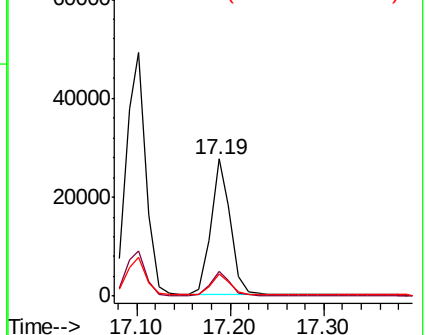
179 15.0 12.2 18.4

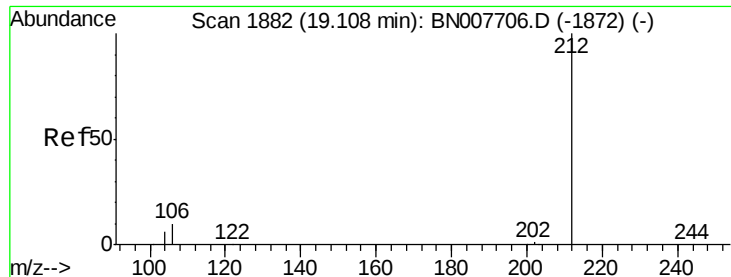


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

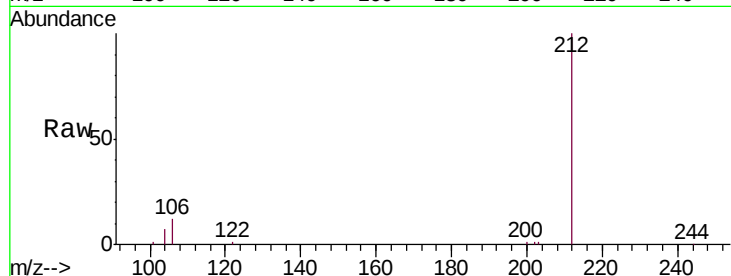




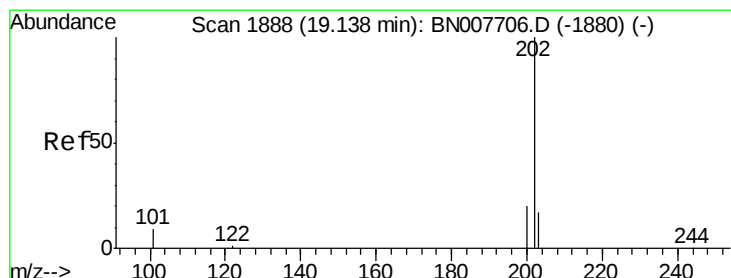
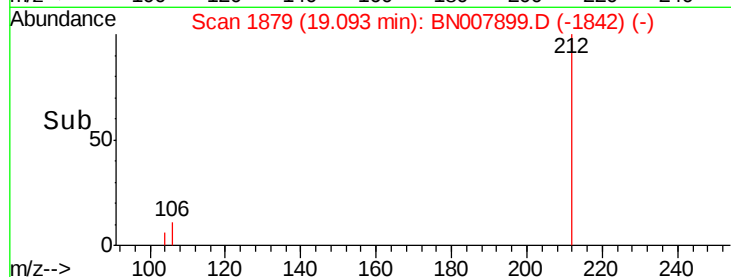
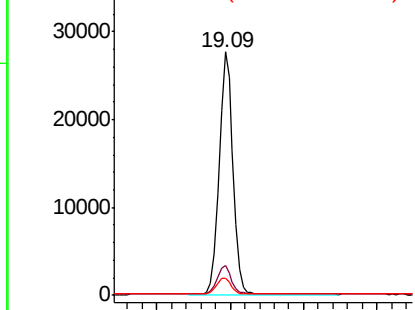
#25
 Fluoranthene-d10
 Concen: 0.233 ng
 RT: 19.09 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BN007899.D
 Acq: 30 Sep 2019 16:30

Instrument :
 BNA_N
 ClientSampleId :
 PST-024-SW138-092519MS

Tgt Ion: 212 Resp: 35824
 Ion Ratio Lower Upper
 212 100
 106 11.5 9.4 14.0
 104 6.7 5.3 7.9

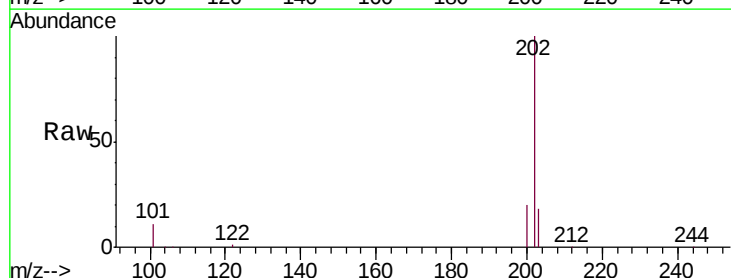


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

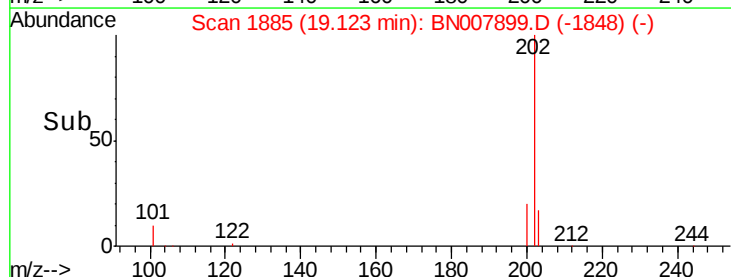
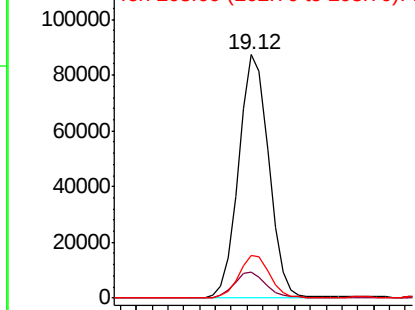


#26
 Fluoranthene
 Concen: 0.647 ng
 RT: 19.12 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BN007899.D
 Acq: 30 Sep 2019 16:30

Tgt Ion: 202 Resp: 114285
 Ion Ratio Lower Upper
 202 100
 101 11.1 8.4 12.6
 203 17.4 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

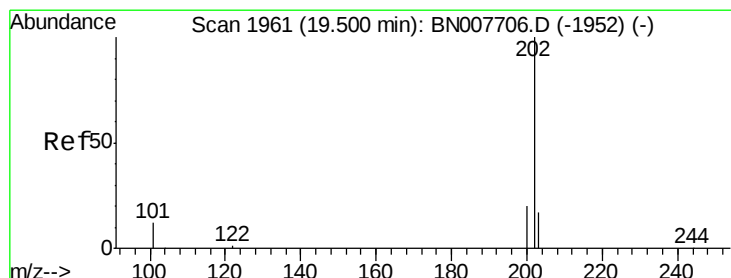
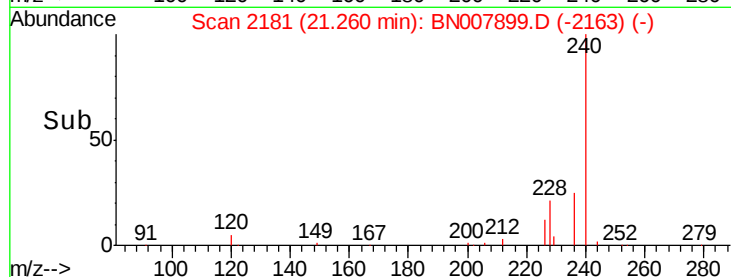
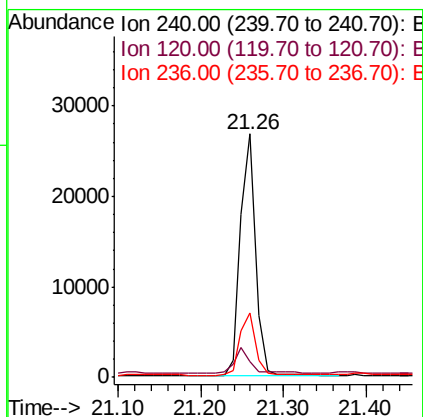
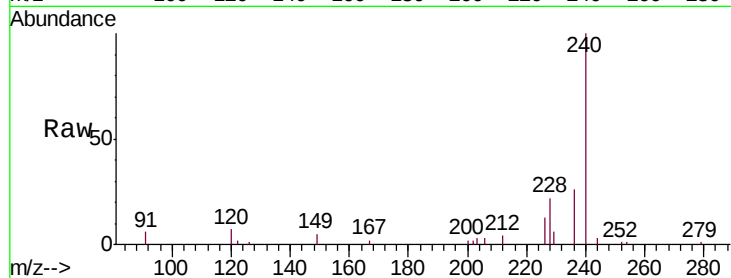




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.26 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN007899.D
 Acq: 30 Sep 2019 16:30

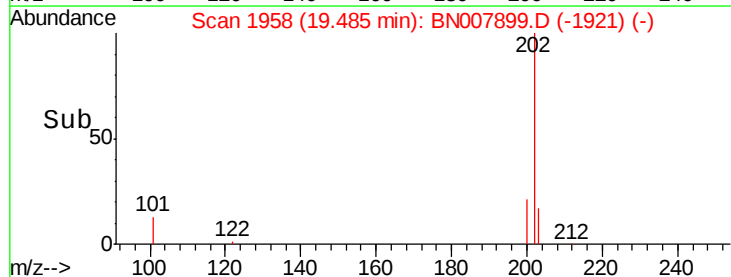
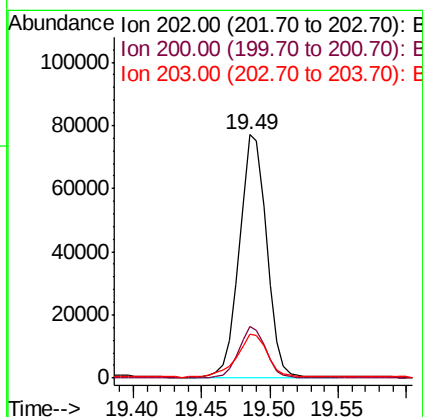
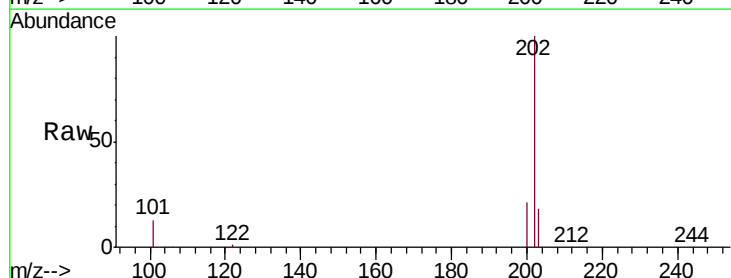
Instrument :
 BNA_N
 ClientSampleId :
 PST-024-SW138-092519MS

Tgt Ion:240 Resp: 34718
 Ion Ratio Lower Upper
 240 100
 120 6.5 5.4 8.2
 236 26.2 21.0 31.4



#28
 Pyrene
 Concen: 0.895 ng
 RT: 19.49 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BN007899.D
 Acq: 30 Sep 2019 16:30

Tgt Ion:202 Resp: 105979
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.4 24.6
 203 19.7 14.1 21.1

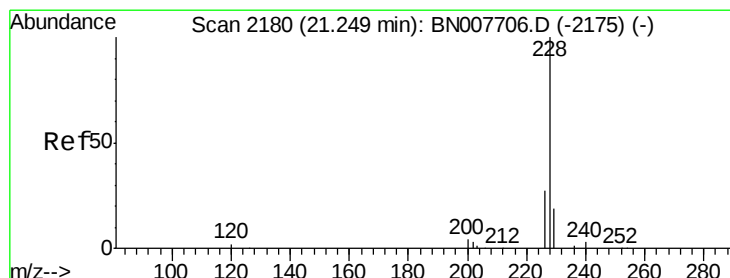
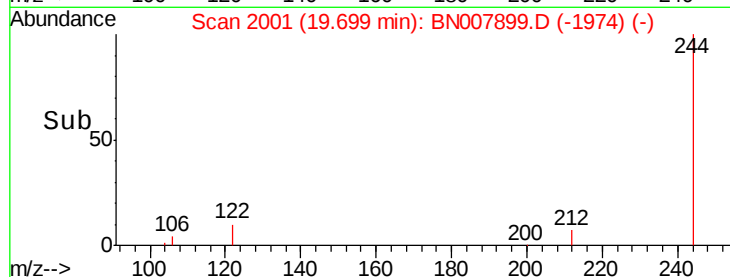
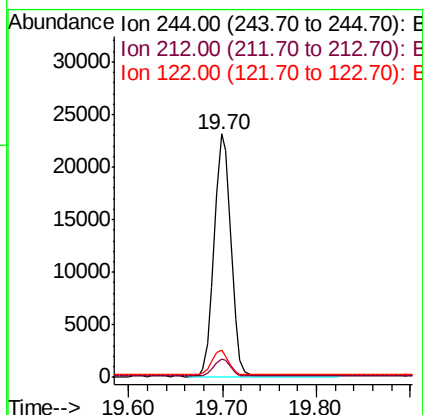
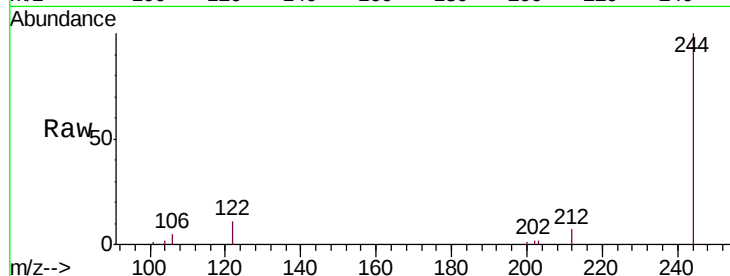




#29
 Terphenyl-d14
 Concen: 0.335 ng
 RT: 19.70 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BN007899.D
 Acq: 30 Sep 2019 16:30

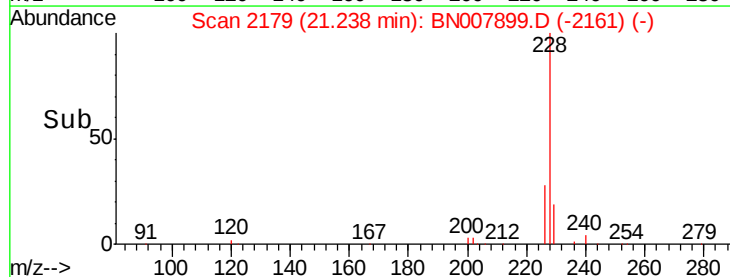
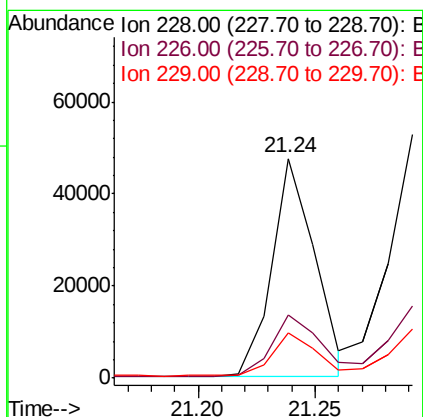
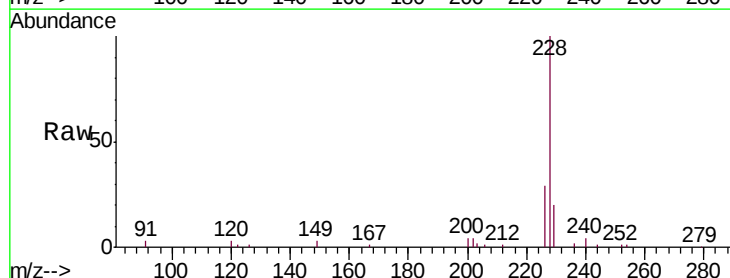
Instrument :
 BNA_N
 ClientSampleId :
 PST-024-SW138-092519MS

Tgt Ion: 244 Resp: 28590
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.0 7.4 11.2



#30
 Benzo(a)anthracene
 Concen: 0.476 ng
 RT: 21.24 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BN007899.D
 Acq: 30 Sep 2019 16:30

Tgt Ion: 228 Resp: 60896
 Ion Ratio Lower Upper
 228 100
 226 28.7 22.1 33.1
 229 20.4 15.8 23.6





#31

Chrysene

Concen: 0.559 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MS

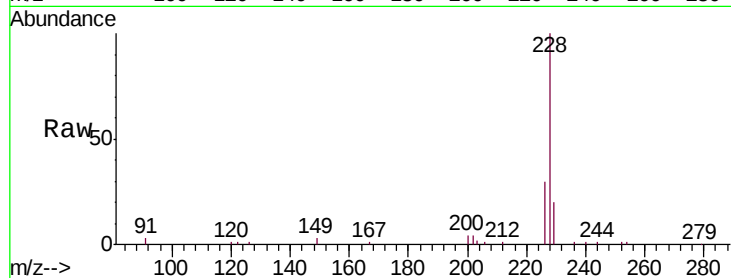
Tgt Ion:228 Resp: 69708

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

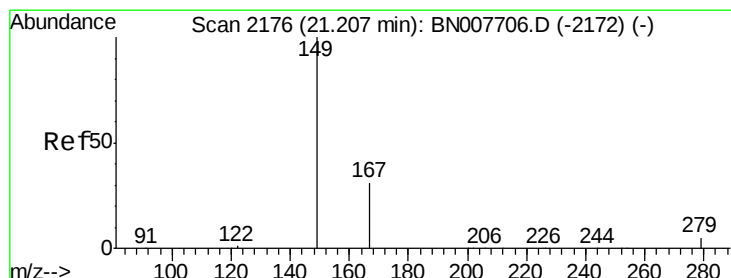
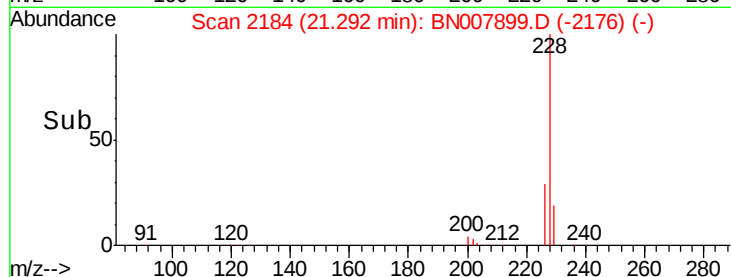
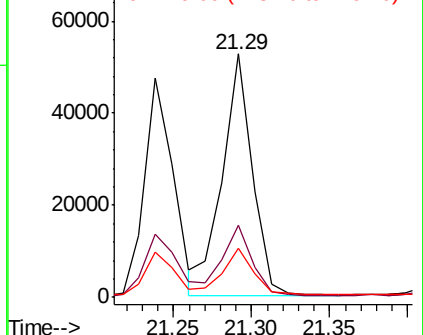
229 20.3 15.8 23.6



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: 1.467 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

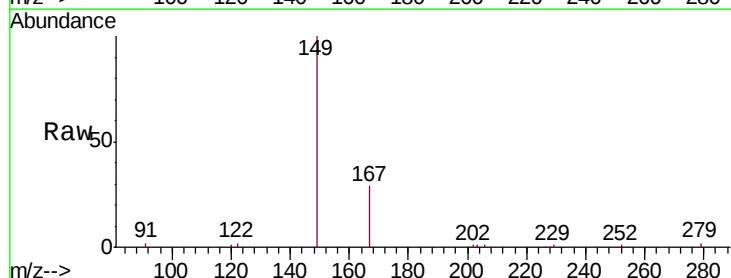
Tgt Ion:149 Resp: 96479

Ion Ratio Lower Upper

149 100

167 29.3 23.7 35.5

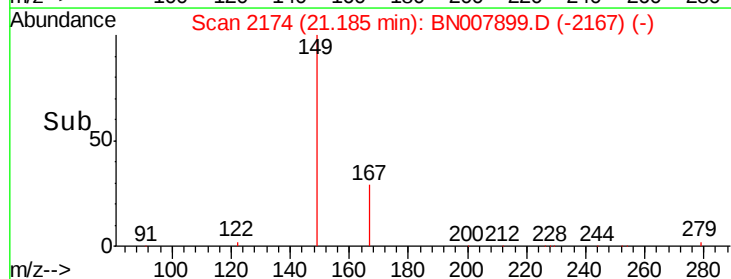
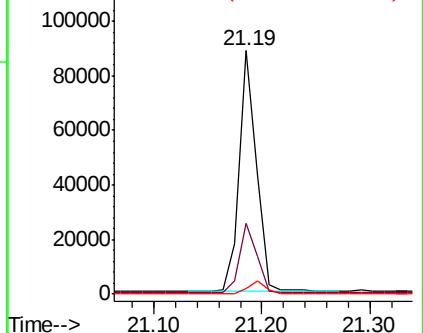
279 5.1 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.494 ng

RT: 25.68 min Scan# 3245

Delta R.T. -0.03 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MS

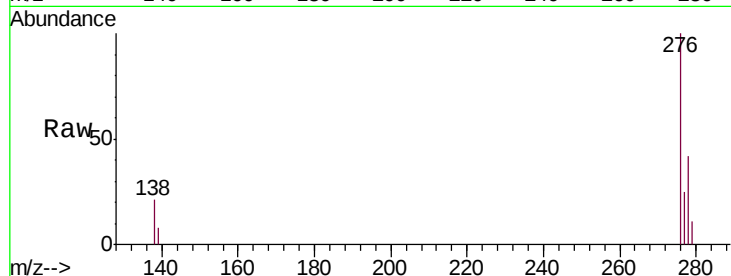
Tgt Ion:276 Resp: 77133

Ion Ratio Lower Upper

276 100

138 21.7 17.1 25.7

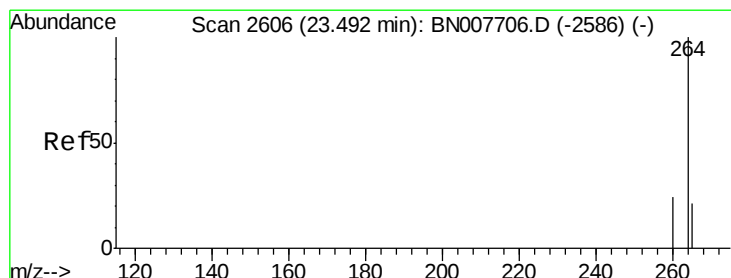
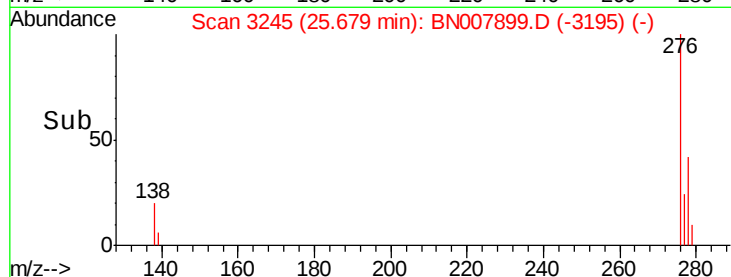
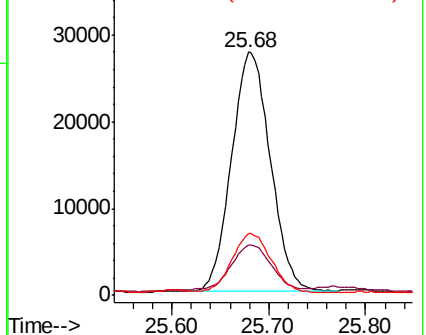
277 24.5 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.47 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

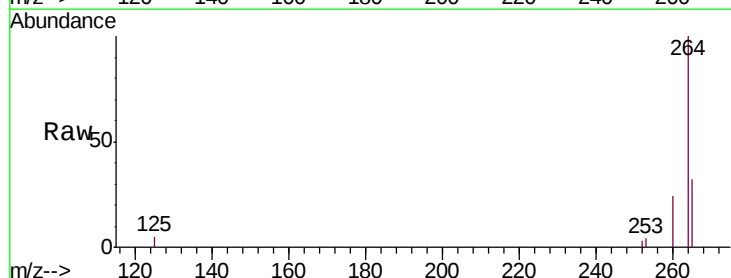
Tgt Ion:264 Resp: 42119

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

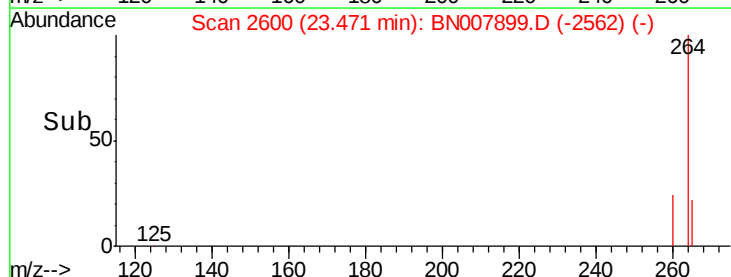
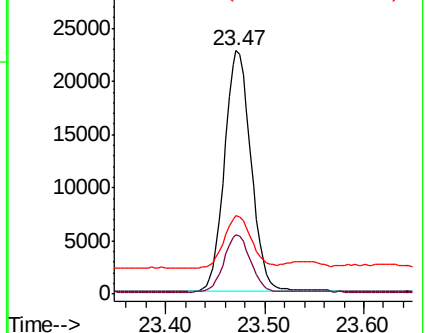
265 32.3 26.9 40.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.592 ng

RT: 22.81 min Scan# 2407

Delta R.T. -0.02 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MS

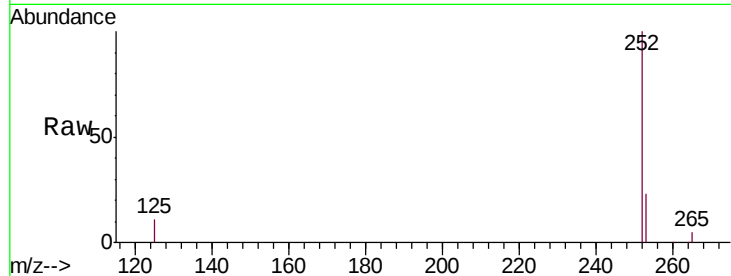
Tgt Ion:252 Resp: 86632

Ion Ratio Lower Upper

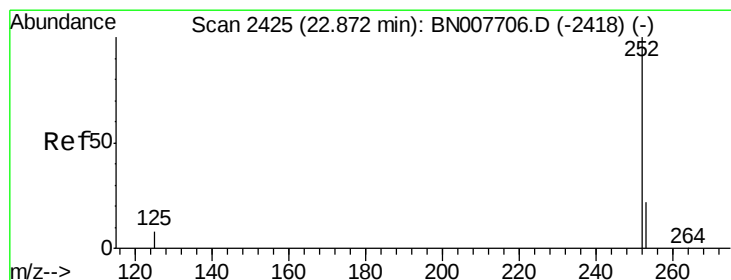
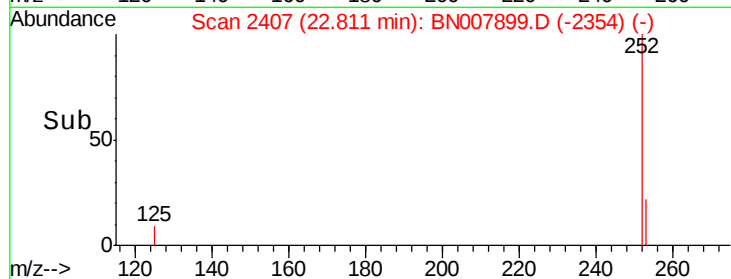
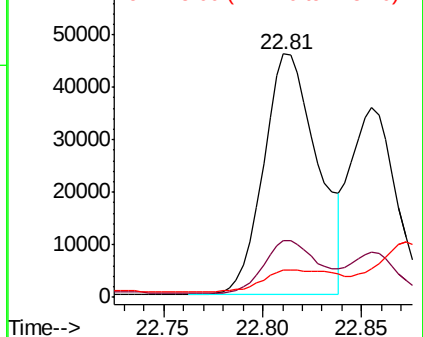
252 100

253 23.2 18.3 27.5

125 11.2 8.2 12.4



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: 0.599 ng

RT: 22.81 min Scan# 2407

Delta R.T. -0.06 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

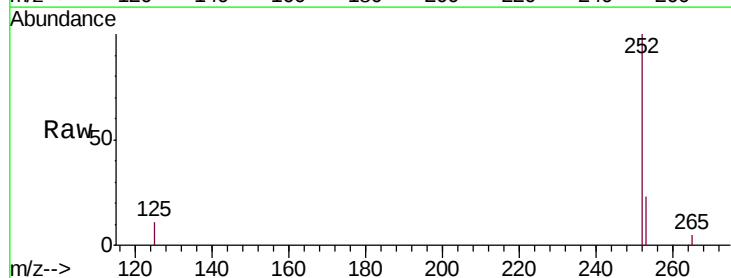
Tgt Ion:252 Resp: 86632

Ion Ratio Lower Upper

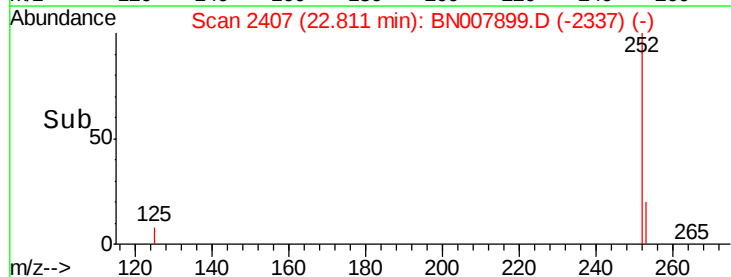
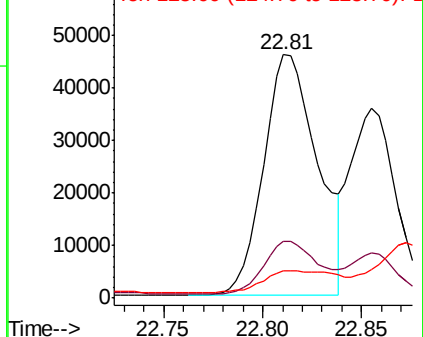
252 100

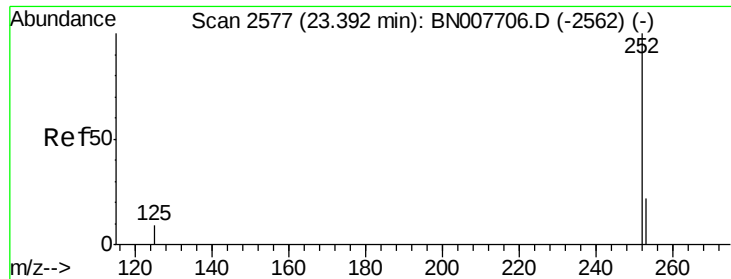
253 23.2 18.5 27.7

125 11.2 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.507 ng

RT: 23.38 min Scan# 2572

Delta R.T. -0.02 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MS

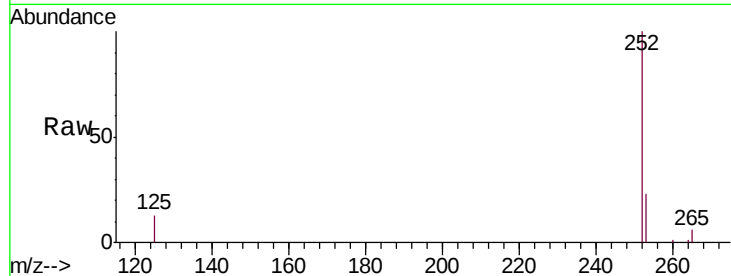
Tgt Ion:252 Resp: 69664

Ion Ratio Lower Upper

252 100

253 23.3 18.6 27.8

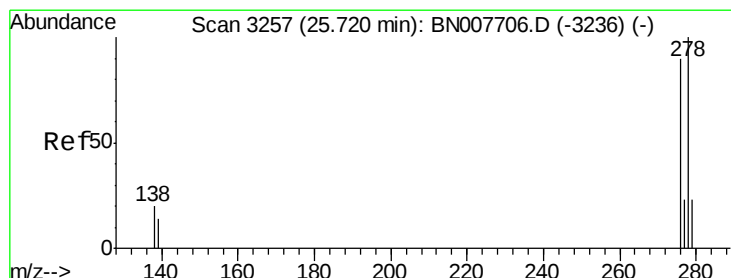
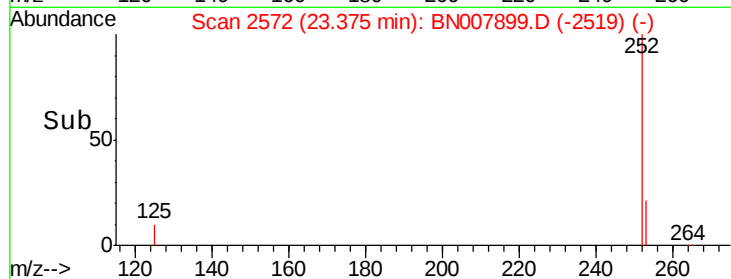
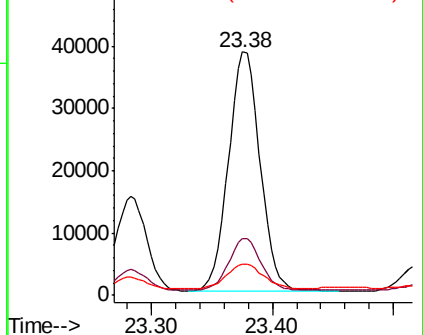
125 12.9 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.324 ng

RT: 25.70 min Scan# 3250

Delta R.T. -0.02 min

Lab File: BN007899.D

Acq: 30 Sep 2019 16:30

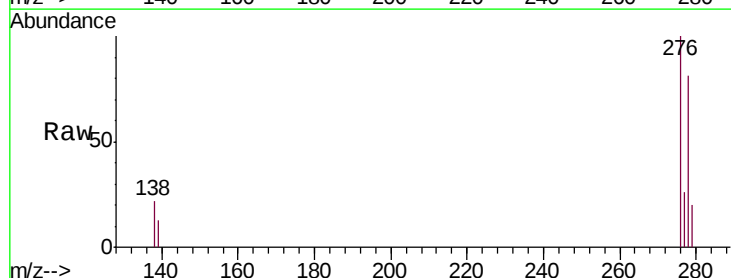
Tgt Ion:278 Resp: 45489

Ion Ratio Lower Upper

278 100

139 15.8 11.8 17.6

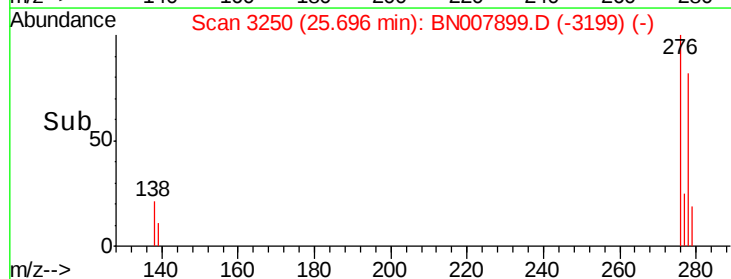
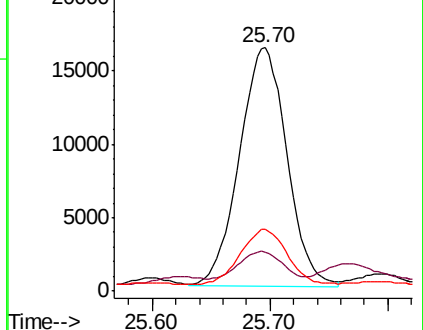
279 25.2 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.516 ng

RT: 26.36 min Scan# 3443

Delta R.T. -0.02 min

Lab File: BN007899.D

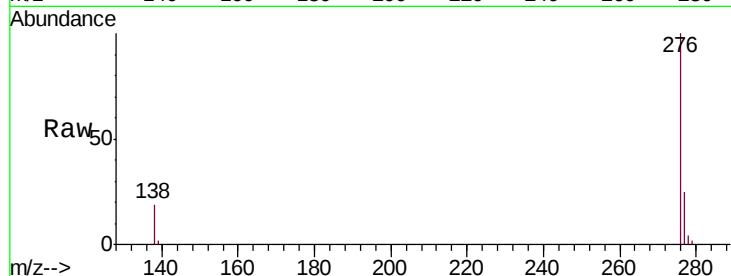
Acq: 30 Sep 2019 16:30

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MS



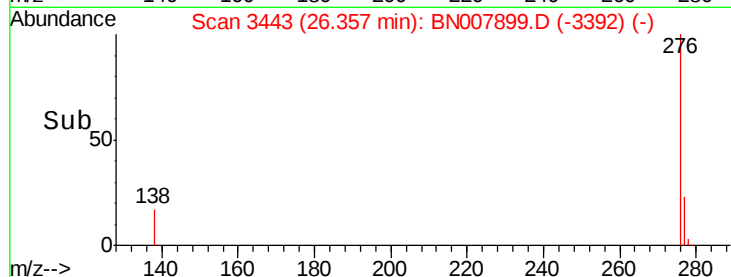
Tgt Ion: 276 Resp: 71728

Ion Ratio Lower Upper

276 100

277 24.6 19.8 29.8

138 19.3 15.1 22.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

