

Data File : BN007900.D
Acq On : 30 Sep 2019 17:06
Operator : JU
Sample : K5077-23MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Oct 01 06:49:55 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	11202	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	44991	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	25177	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	45397	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	36082	0.40	ng	-0.01
34) Perylene-d12	23.47	264	44477	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	9705	0.25	ng	0.00
5) Phenol-d6	6.87	99	12811	0.26	ng	0.00
8) Nitrobenzene-d5	8.83	82	11048	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	21245	0.28	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	2878	0.21	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	28822	0.28	ng	-0.01
25) Fluoranthene-d10	19.09	212	35354	0.23	ng	-0.01
29) Terphenyl-d14	19.70	244	28797	0.32	ng	-0.01

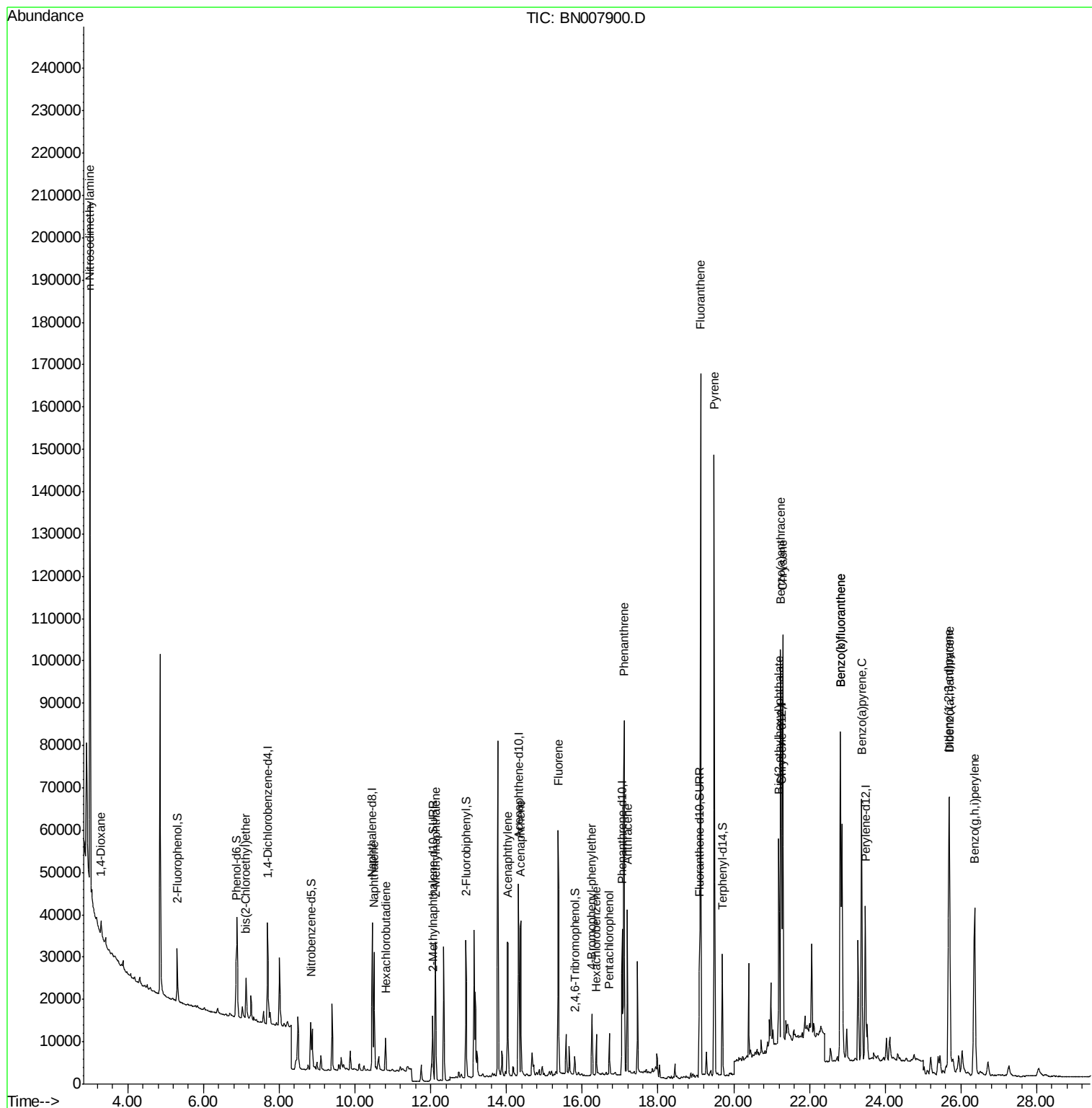
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	2385	0.191	ng	# 78
3) n-Nitrosodimethylamine	3.01	42	12228	2.138	ng	# 75
6) bis(2-Chloroethyl)ether	7.12	93	9805	0.309	ng	92
9) Naphthalene	10.51	128	34680	0.275	ng	100
10) Hexachlorobutadiene	10.81	225	6658	0.250	ng	# 100
12) 2-Methylnaphthalene	12.13	142	23315	0.273	ng	99
16) Acenaphthylene	14.03	152	41310	0.309	ng	99
17) Acenaphthene	14.38	154	21015	0.244	ng	98
18) Fluorene	15.36	166	27087	0.246	ng	98
20) 4-Bromophenyl-phenylether	16.25	248	7802	0.283	ng	# 75
21) Hexachlorobenzene	16.38	284	7974	0.265	ng	98
22) Pentachlorophenol	16.72	266	5413	0.487	ng	98
23) Phenanthrene	17.10	178	89968	0.636	ng	100
24) Anthracene	17.19	178	41880	0.328	ng	99
26) Fluoranthene	19.12	202	142841	0.812	ng	99
28) Pyrene	19.49	202	131043	1.065	ng	98
30) Benzo(a)anthracene	21.24	228	72956	0.549	ng	99
31) Chrysene	21.29	228	84726	0.654	ng	99
32) Bis(2-ethylhexyl)phthalate	21.19	149	42357	0.620	ng	99
33) Indeno(1,2,3-cd)pyrene	25.68	276	89960	0.555	ng	100
35) Benzo(b)fluoranthene	22.81	252	109888	0.712	ng	99
36) Benzo(k)fluoranthene	22.81	252	109888	0.720	ng	99
37) Benzo(a)pyrene	23.38	252	85895	0.592	ng	99
38) Dibenzo(a,h)anthracene	25.70	278	49231	0.332	ng	97
39) Benzo(g,h,i)perylene	26.36	276	83836	0.571	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: BN007900.D

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Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MSD

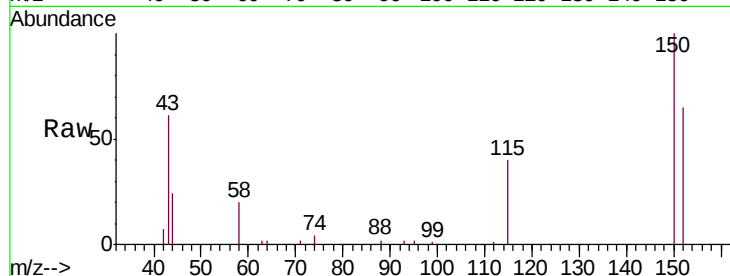
Tgt Ion:152 Resp: 11202

Ion Ratio Lower Upper

152 100

150 154.1 125.6 188.4

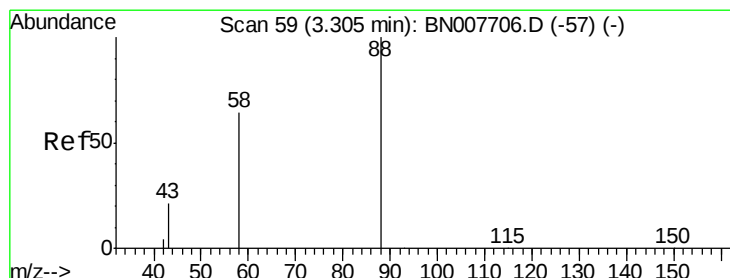
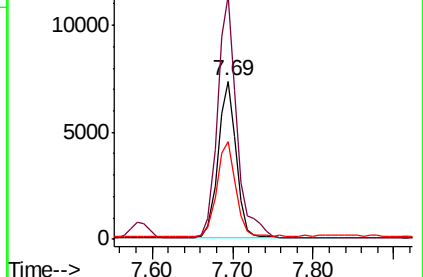
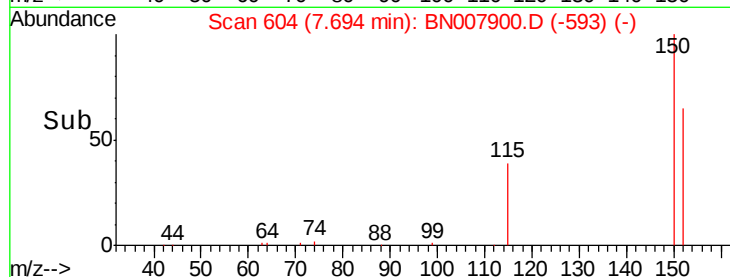
115 61.9 53.3 79.9



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: 0.191 ng

RT: 3.30 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN007900.D

Acq: 30 Sep 2019 17:06

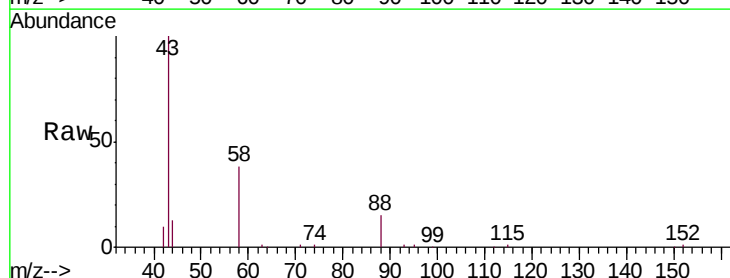
Tgt Ion: 88 Resp: 2385

Ion Ratio Lower Upper

88 100

58 67.3 44.6 66.8#

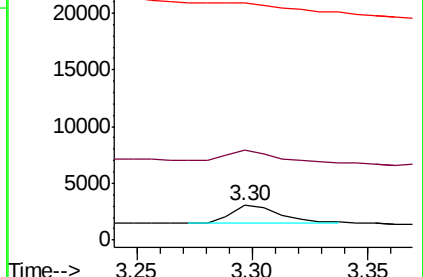
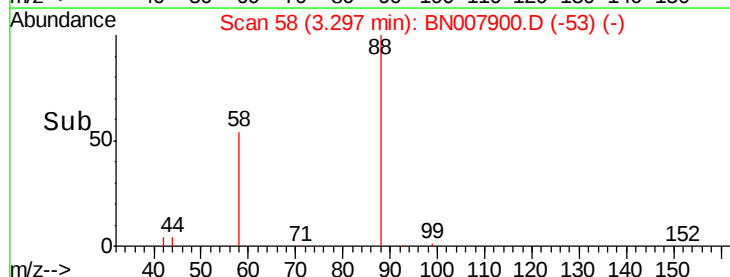
43 0.0 14.4 21.6#

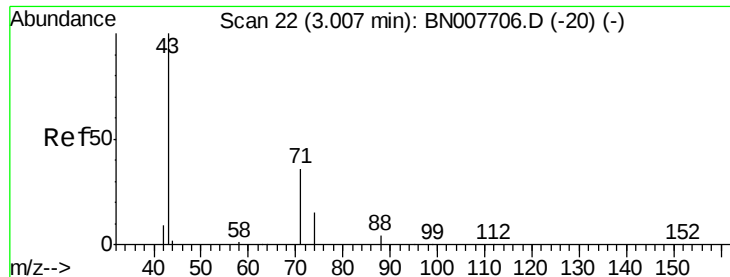


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 2.138 ng

RT: 3.01 min Scan# 22

Delta R.T. -0.00 min

Lab File: BN007900.D

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Instrument :

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ClientSampleId :

PST-024-SW138-092519MSD

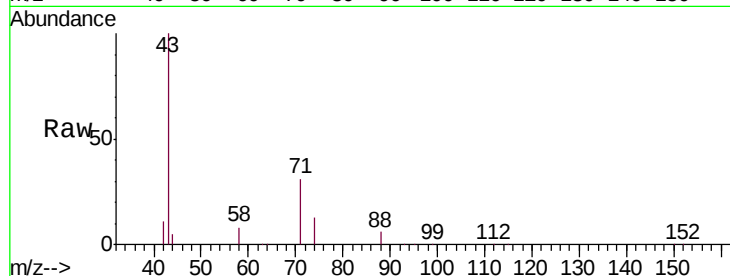
Tgt Ion: 42 Resp: 12228

Ion Ratio Lower Upper

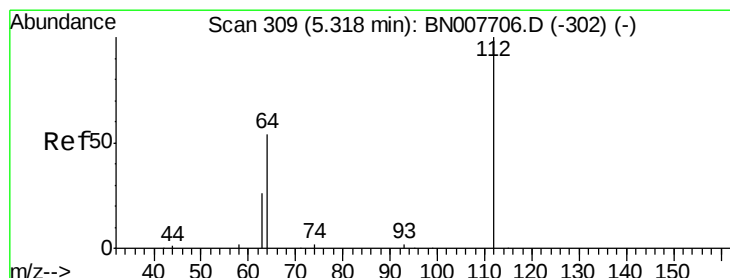
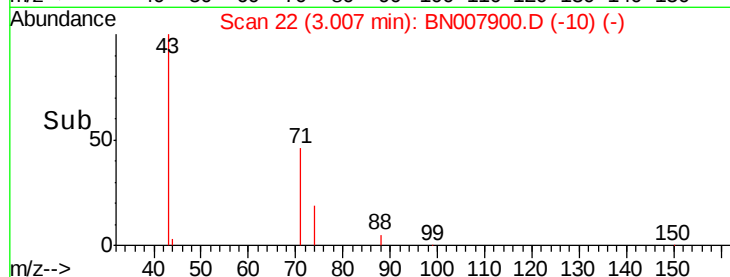
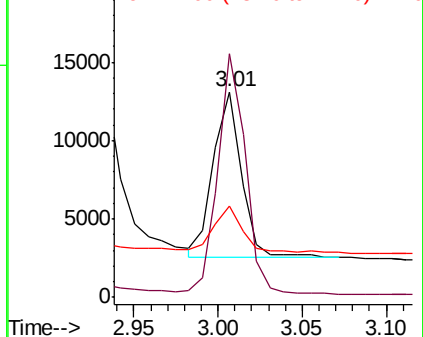
42 100

74 141.8 87.9 131.9#

44 30.1 29.4 44.0



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.252 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007900.D

Acq: 30 Sep 2019 17:06

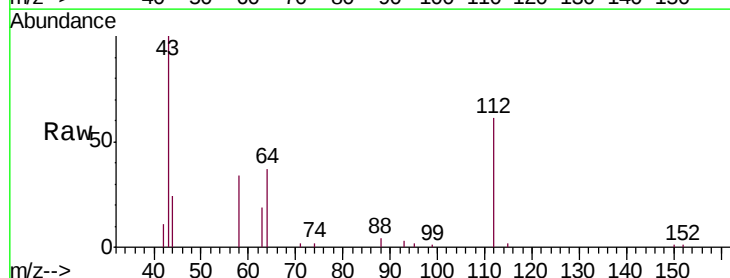
Tgt Ion: 112 Resp: 9705

Ion Ratio Lower Upper

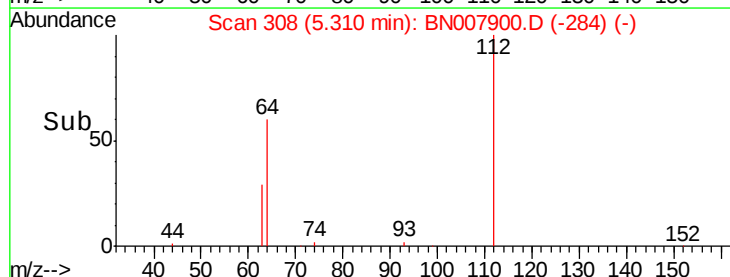
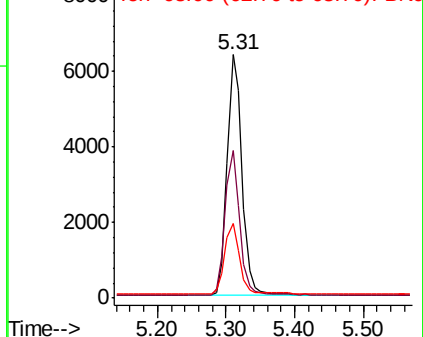
112 100

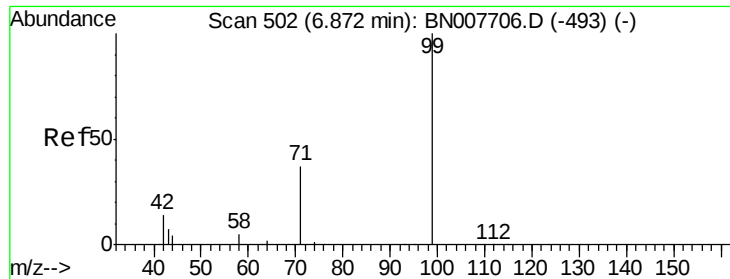
64 58.7 46.6 70.0

63 28.5 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.264 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007900.D

Acq: 30 Sep 2019 17:06

Instrument :

BNA_N

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PST-024-SW138-092519MSD

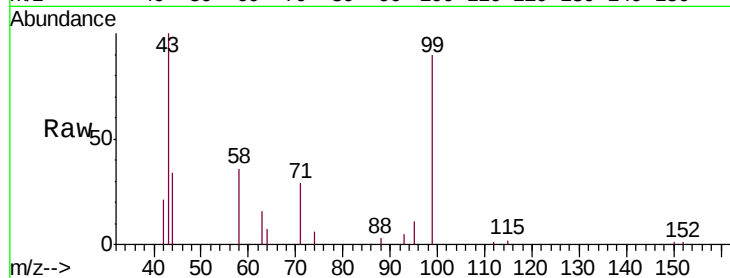
Tgt Ion: 99 Resp: 12811

Ion Ratio Lower Upper

99 100

42 23.1 12.8 19.2#

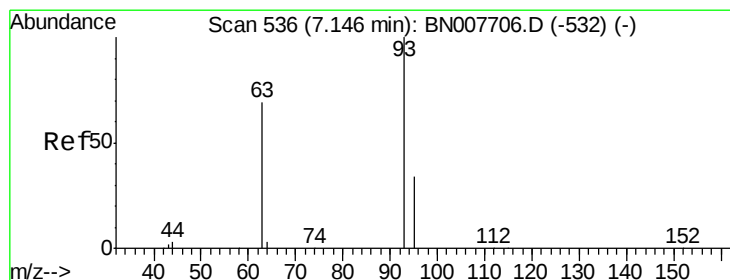
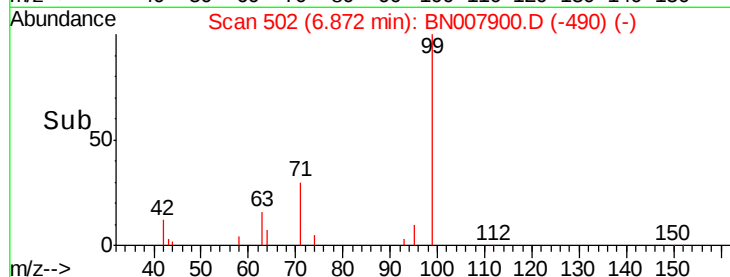
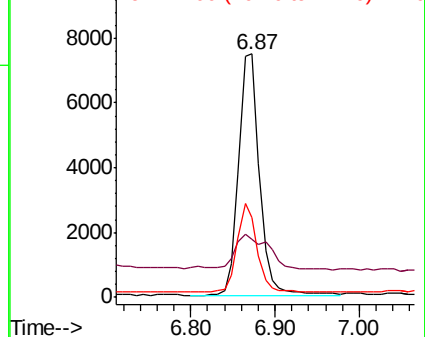
71 35.4 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007706.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BN007706.D (-493) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.309 ng

RT: 7.12 min Scan# 533

Delta R.T. -0.02 min

Lab File: BN007900.D

Acq: 30 Sep 2019 17:06

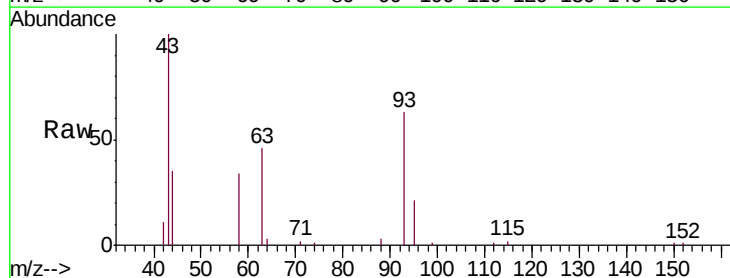
Tgt Ion: 93 Resp: 9805

Ion Ratio Lower Upper

93 100

63 67.5 59.3 88.9

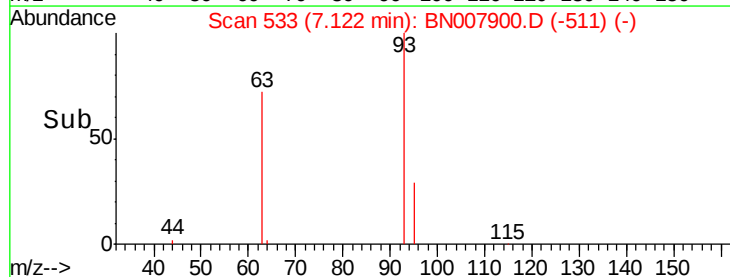
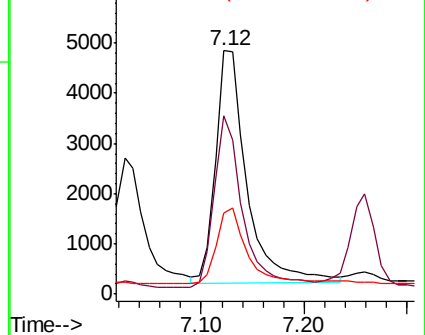
95 33.4 31.4 47.0



Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-532) (-)

Ion 95.00 (94.70 to 95.70): BN007706.D (-532) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007900.D

Acq: 30 Sep 2019 17:06

Instrument :

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PST-024-SW138-092519MSD

Tgt Ion:136 Resp: 44991

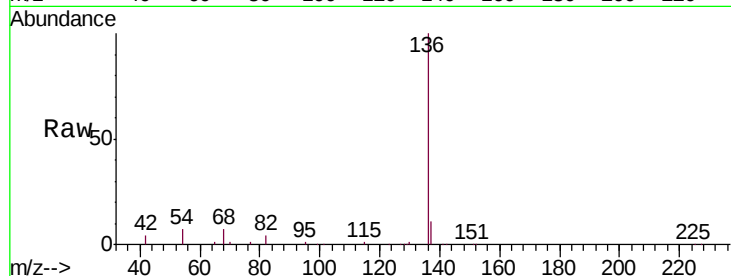
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 6.6 5.8 8.8

68 7.3 6.5 9.7



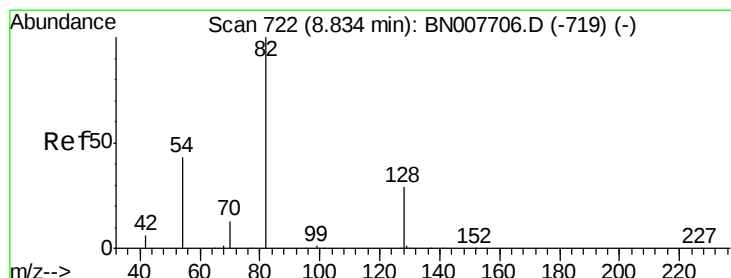
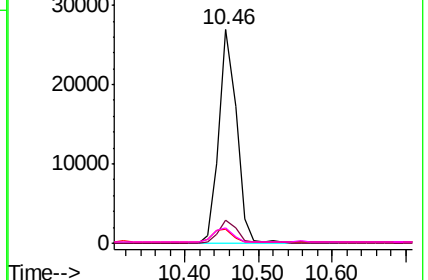
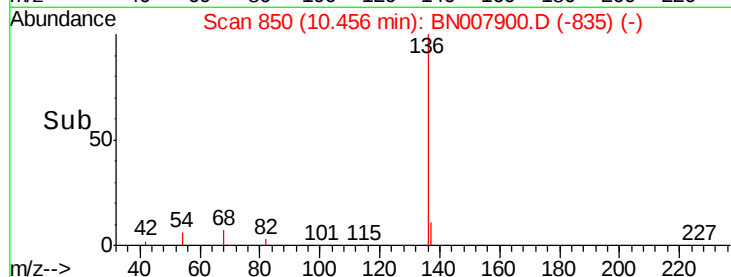
Abundance

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: BN007900.D

Acq: 30 Sep 2019 17:06

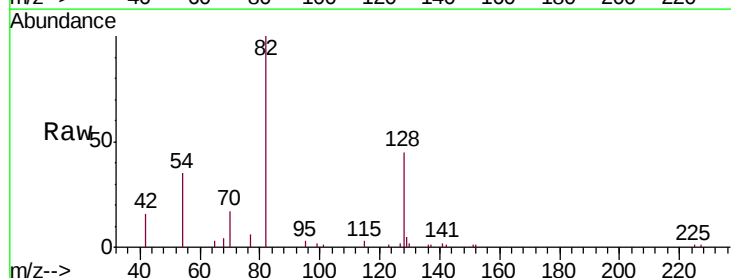
Tgt Ion: 82 Resp: 11048

Ion Ratio Lower Upper

82 100

128 44.5 24.5 36.7#

54 35.4 35.2 52.8

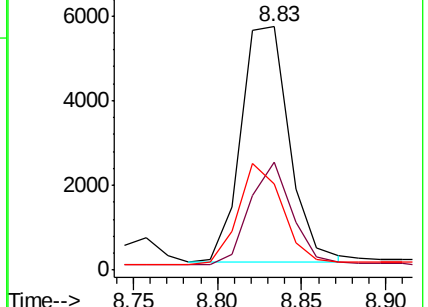
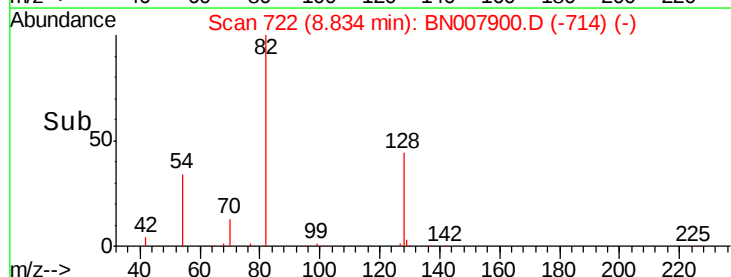


Abundance

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: 0.275 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

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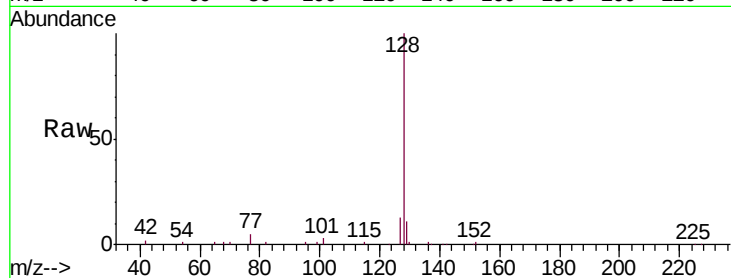
Tgt Ion:128 Resp: 34680

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

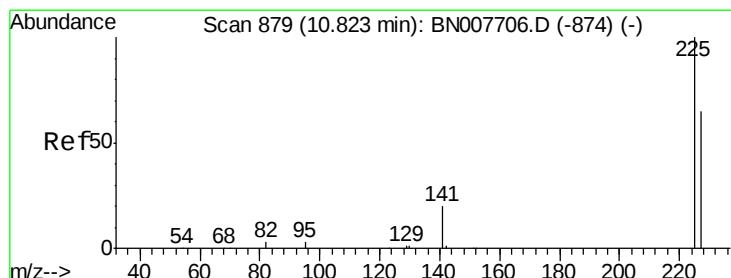
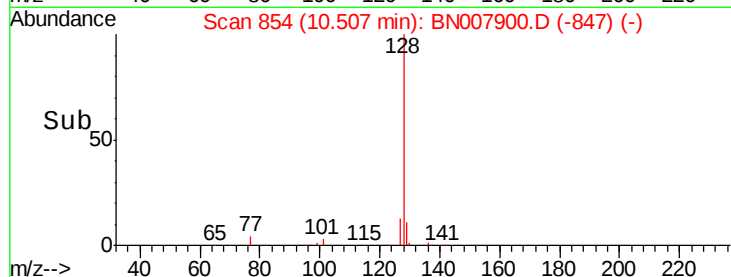
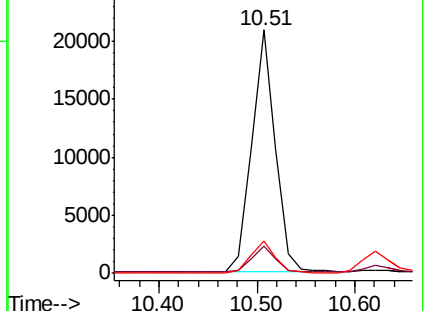
127 13.3 10.6 15.8



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: 0.250 ng

RT: 10.81 min Scan# 878

Delta R.T. -0.01 min

Lab File: BN007900.D

Acq: 30 Sep 2019 17:06

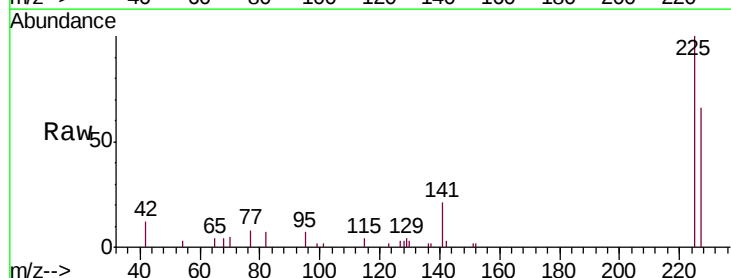
Tgt Ion:225 Resp: 6658

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

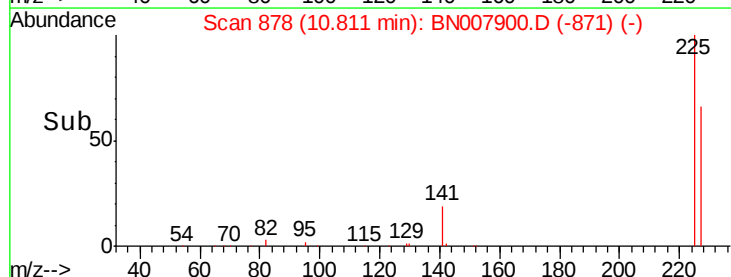
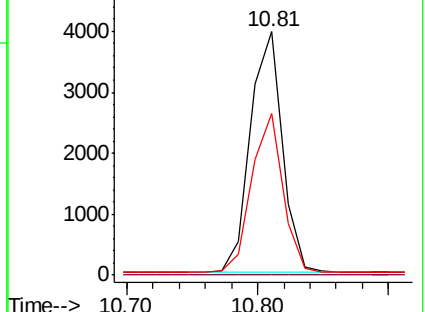
227 64.2 51.2 76.8

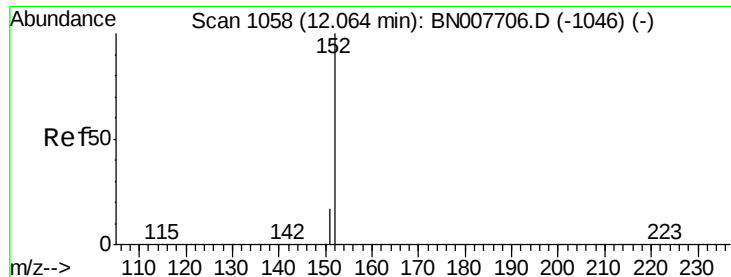


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

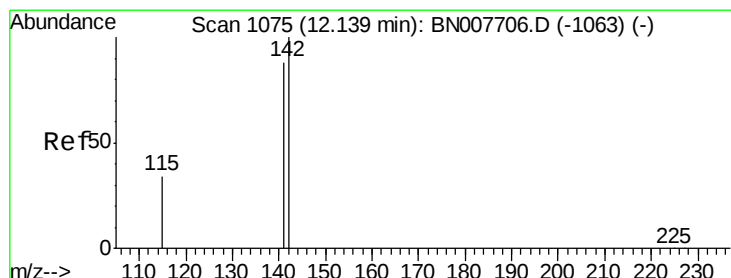
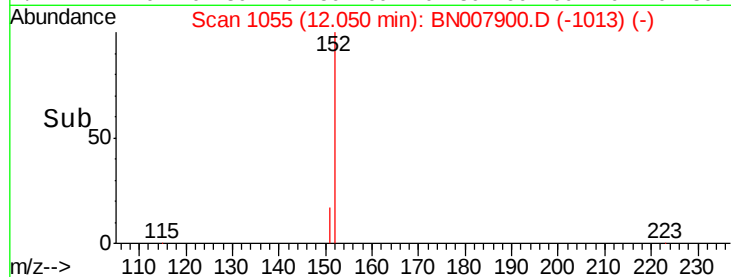
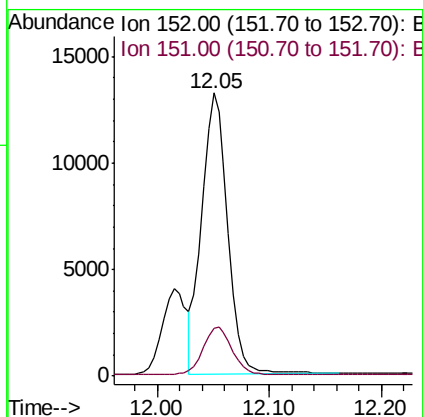
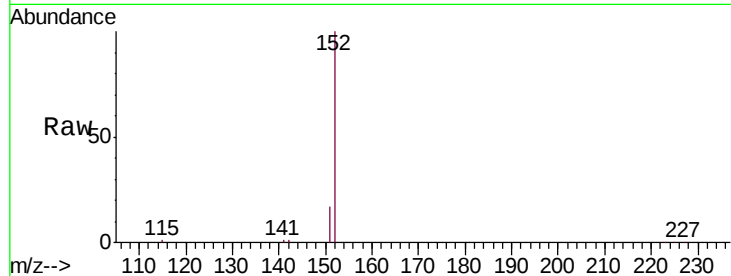




#11
 2-Methylnaphthalene-d10
 Concen: 0.280 ng
 RT: 12.05 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BN007900.D
 Acq: 30 Sep 2019 17:06

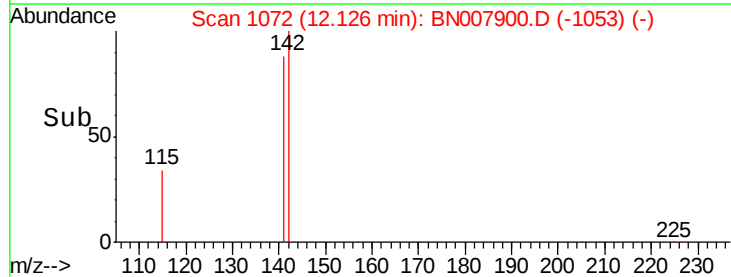
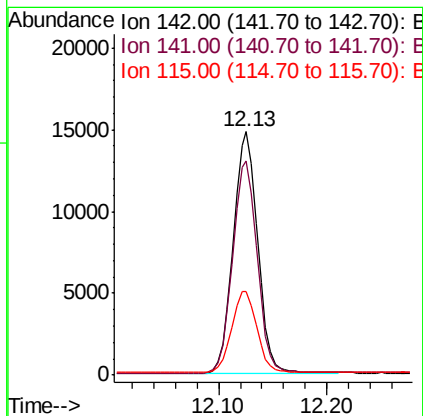
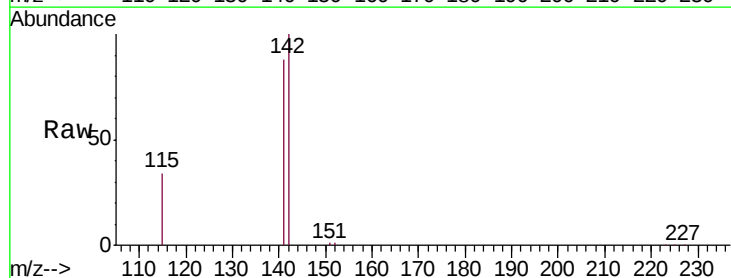
Instrument :
 BNA_N
 ClientSampleId :
 PST-024-SW138-092519MSD

Tgt Ion:152 Resp: 21245
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.273 ng
 RT: 12.13 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BN007900.D
 Acq: 30 Sep 2019 17:06

Tgt Ion:142 Resp: 23315
 Ion Ratio Lower Upper
 142 100
 141 88.1 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: BN007900.D

Acq: 30 Sep 2019 17:06

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MSD

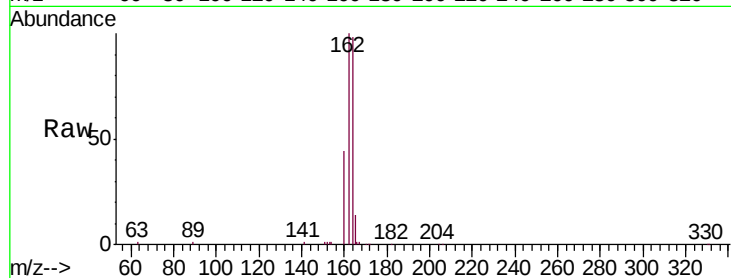
Tgt Ion:164 Resp: 25177

Ion Ratio Lower Upper

164 100

162 101.8 81.7 122.5

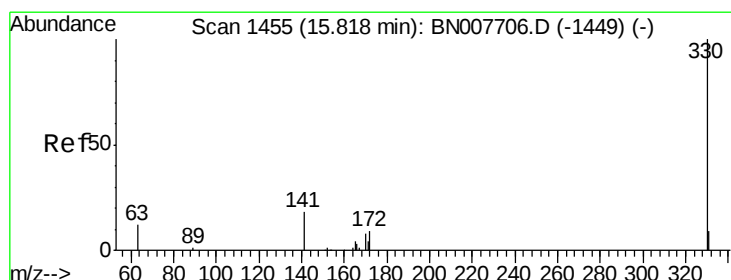
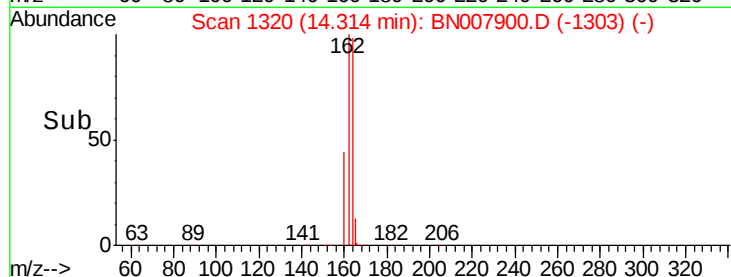
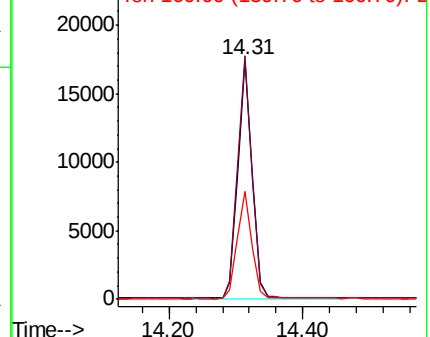
160 44.9 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.210 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007900.D

Acq: 30 Sep 2019 17:06

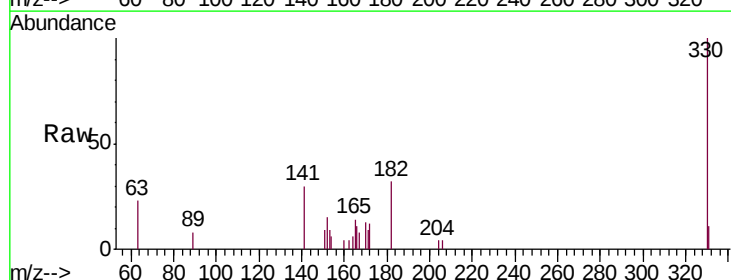
Tgt Ion:330 Resp: 2878

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

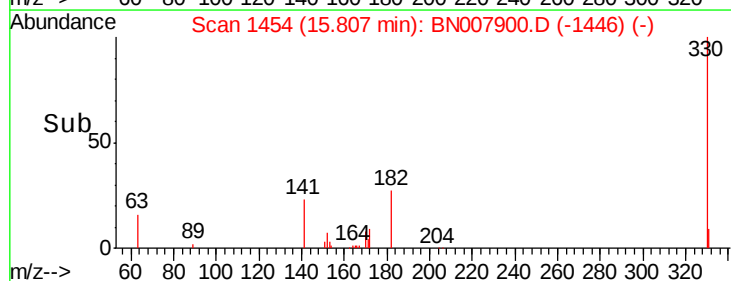
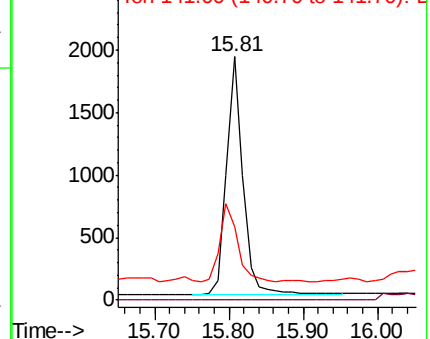
141 35.5 28.7 43.1



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

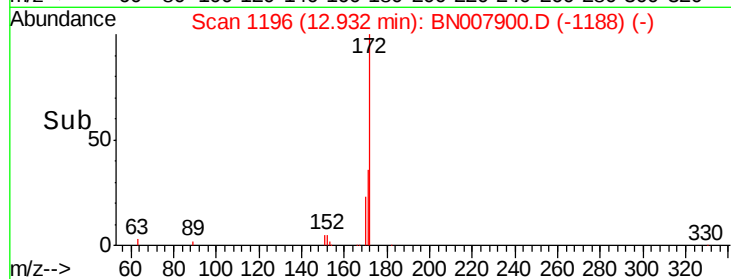
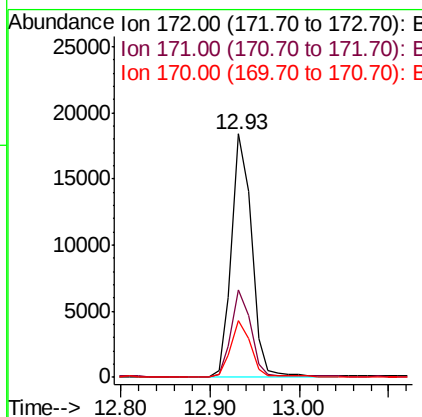
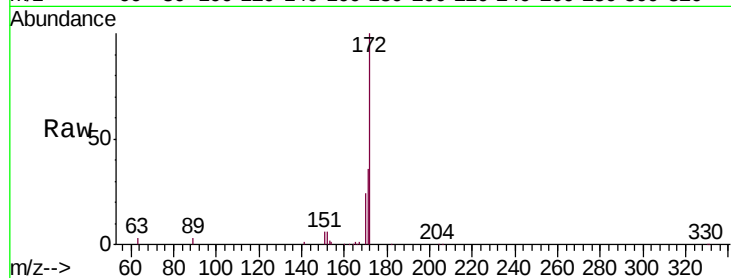




#15
2-Fluorobiphenyl
Concen: 0.278 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007900.D
Acq: 30 Sep 2019 17:06

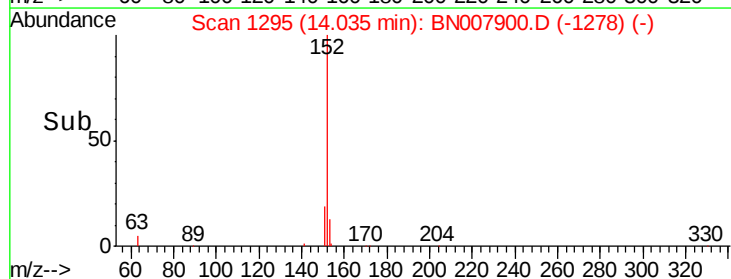
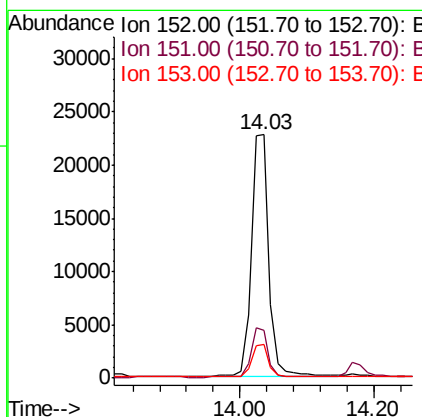
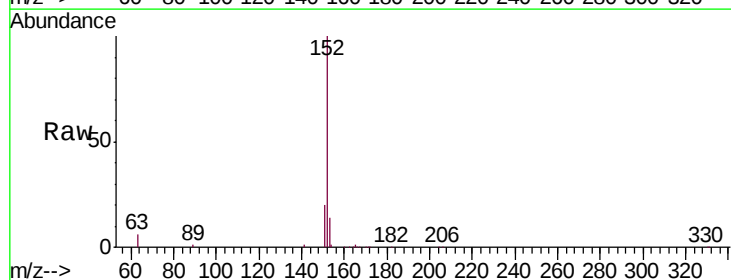
Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MSD

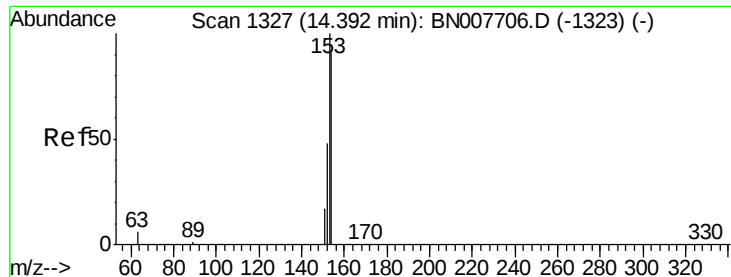
Tgt Ion:172 Resp: 28822
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.6 19.5 29.3



#16
Acenaphthylene
Concen: 0.309 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007900.D
Acq: 30 Sep 2019 17:06

Tgt Ion:152 Resp: 41310
Ion Ratio Lower Upper
152 100
151 19.8 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: BN007900.D

Acq: 30 Sep 2019 17:06

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MSD

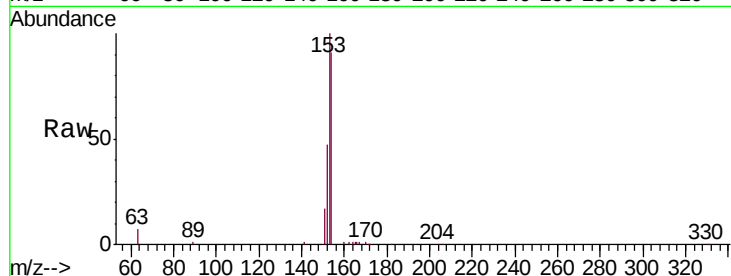
Tgt Ion:154 Resp: 21015

Ion Ratio Lower Upper

154 100

153 110.7 87.0 130.4

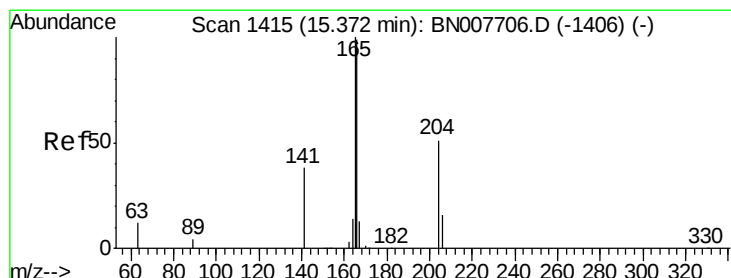
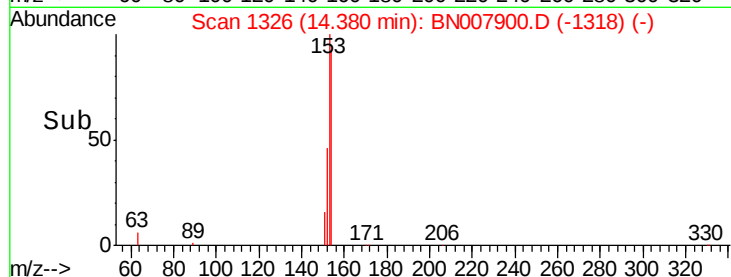
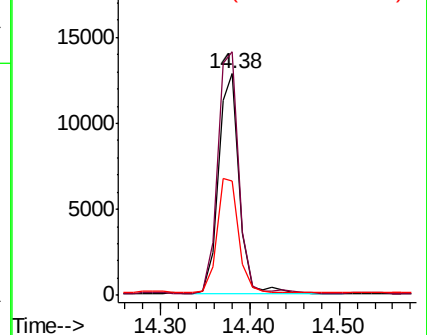
152 54.4 42.7 64.1



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: BN007900.D

Acq: 30 Sep 2019 17:06

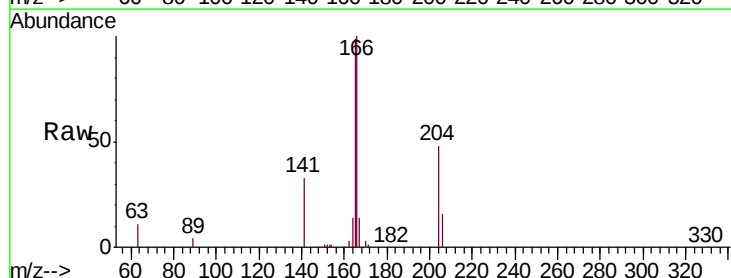
Tgt Ion:166 Resp: 27087

Ion Ratio Lower Upper

166 100

165 95.2 78.0 117.0

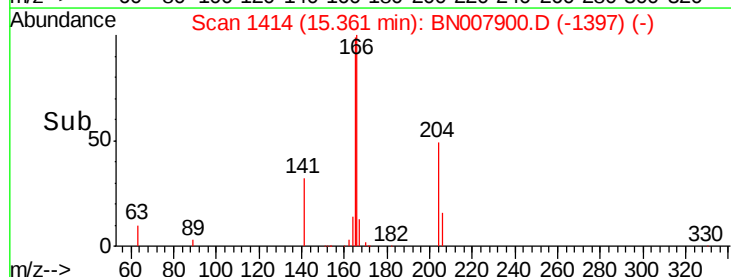
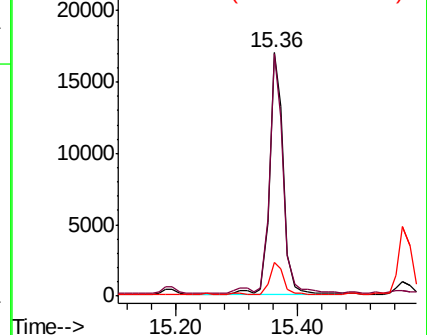
167 13.7 10.9 16.3



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: BN007900.D

Acq: 30 Sep 2019 17:06

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MSD

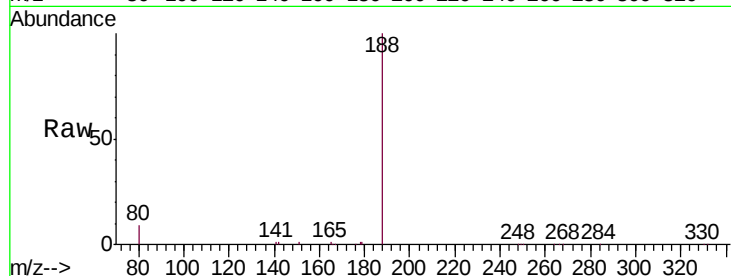
Tgt Ion:188 Resp: 45397

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

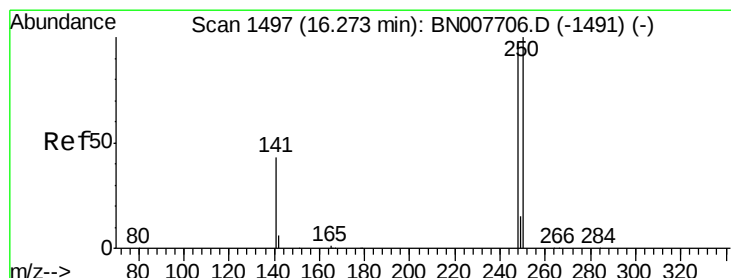
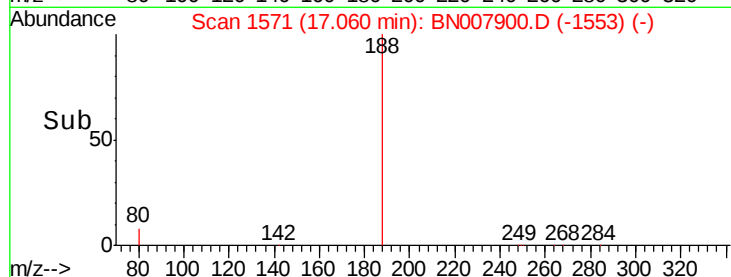
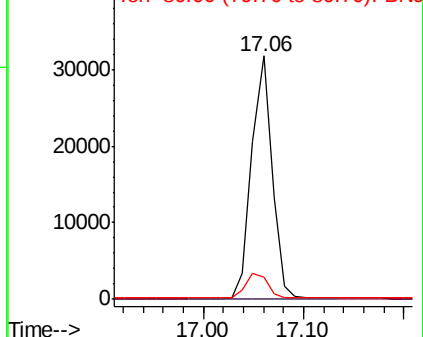
80 8.9 7.4 11.2



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: 0.283 ng

RT: 16.25 min Scan# 1495

Delta R.T. -0.02 min

Lab File: BN007900.D

Acq: 30 Sep 2019 17:06

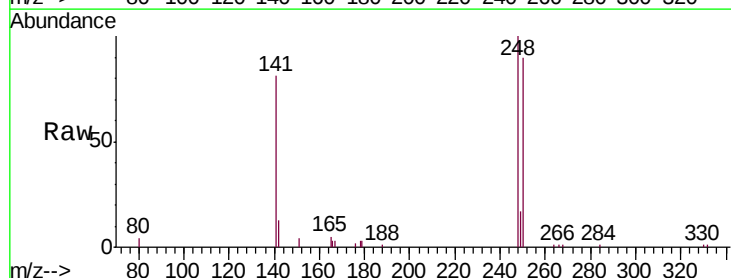
Tgt Ion:248 Resp: 7802

Ion Ratio Lower Upper

248 100

250 90.2 82.2 123.4

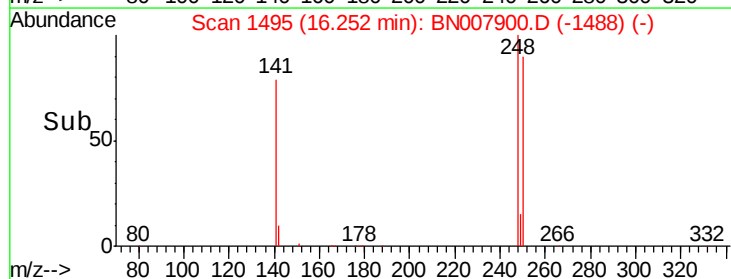
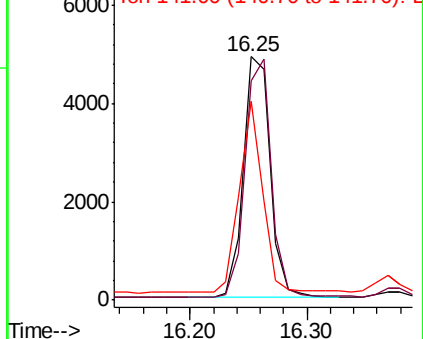
141 81.4 36.3 54.5#

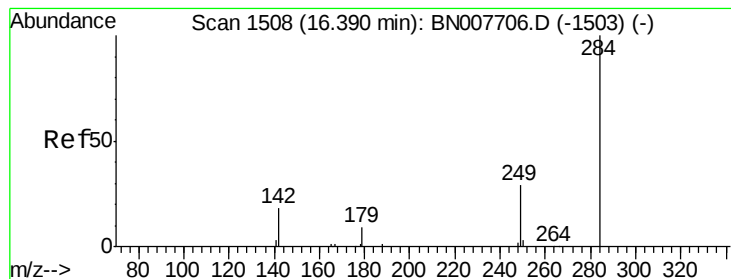


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.265 ng

RT: 16.38 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BN007900.D

Acq: 30 Sep 2019 17:06

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MSD

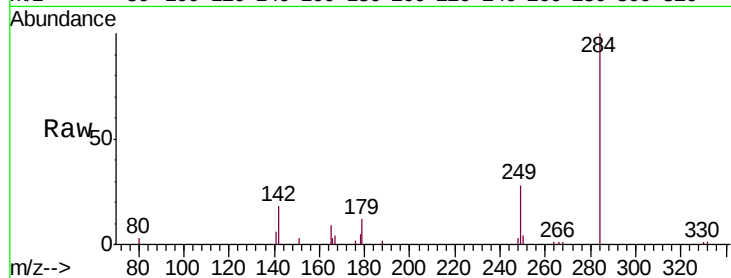
Tgt Ion:284 Resp: 7974

Ion Ratio Lower Upper

284 100

142 31.4 25.8 38.6

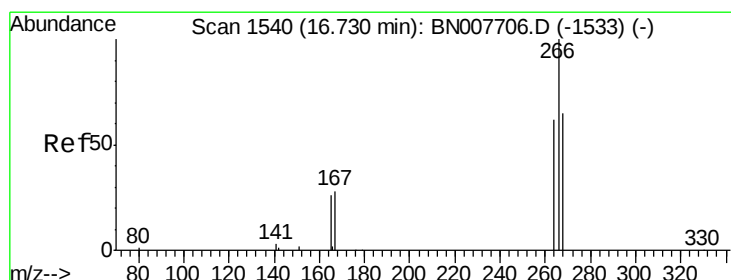
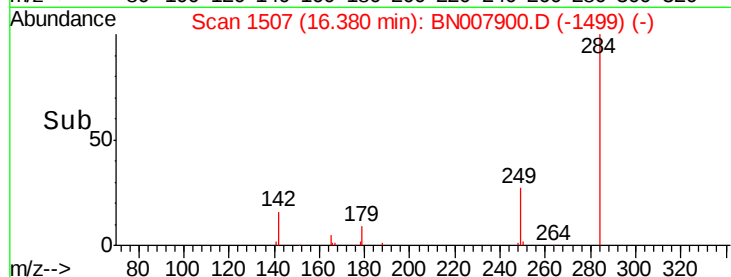
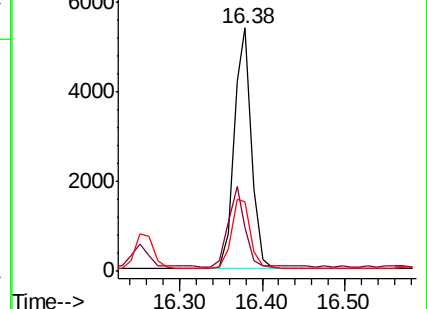
249 31.1 25.9 38.9



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: 0.487 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007900.D

Acq: 30 Sep 2019 17:06

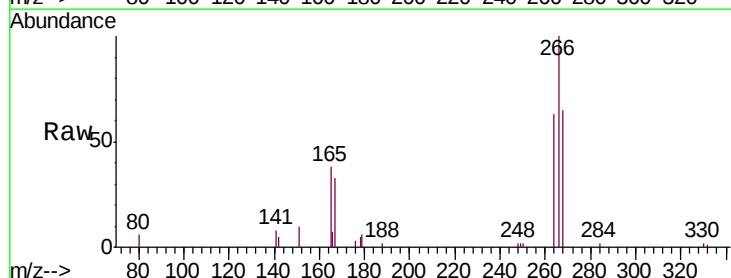
Tgt Ion:266 Resp: 5413

Ion Ratio Lower Upper

266 100

264 62.5 50.0 75.0

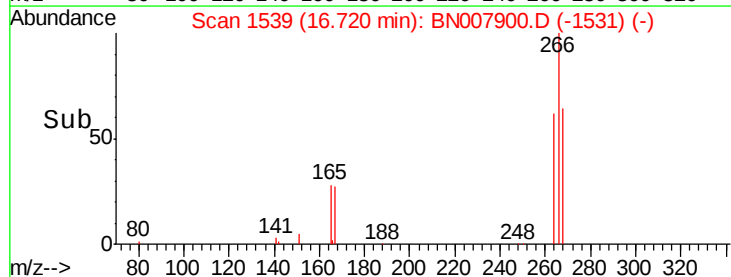
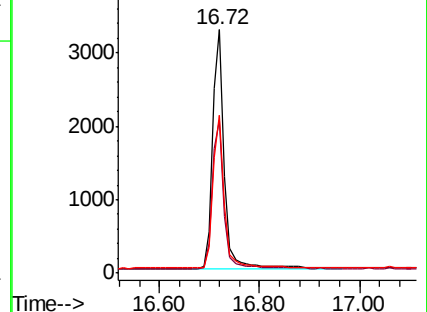
268 64.6 54.2 81.4

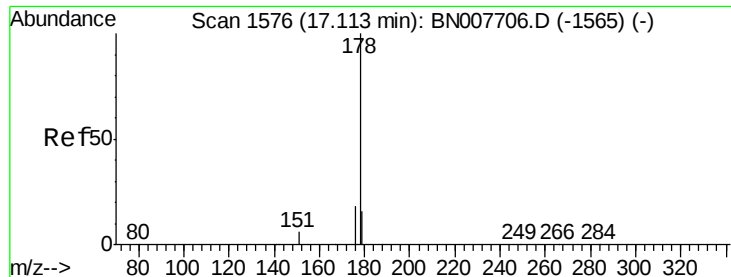


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.636 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007900.D

Acq: 30 Sep 2019 17:06

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MSD

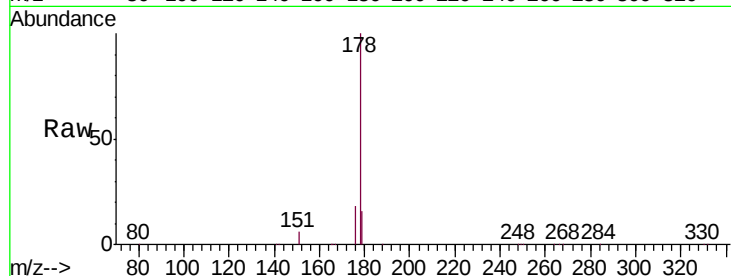
Tgt Ion:178 Resp: 89968

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

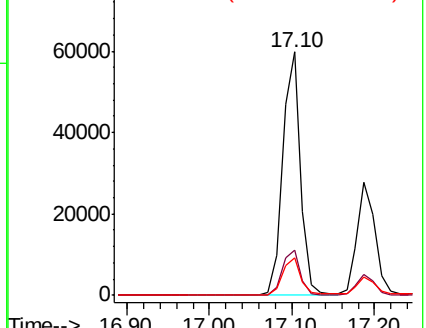
179 15.5 12.5 18.7



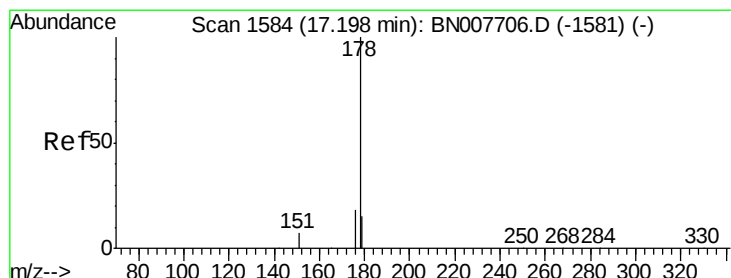
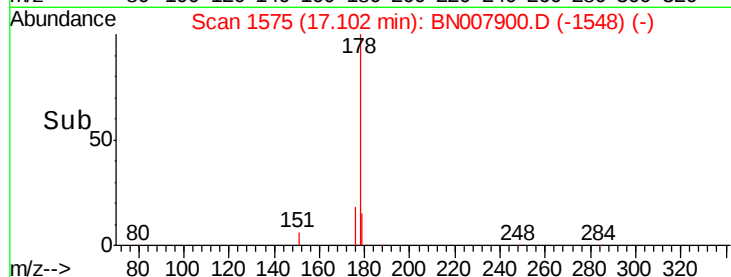
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 16.90 17.00 17.10 17.20



#24

Anthracene

Concen: 0.328 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007900.D

Acq: 30 Sep 2019 17:06

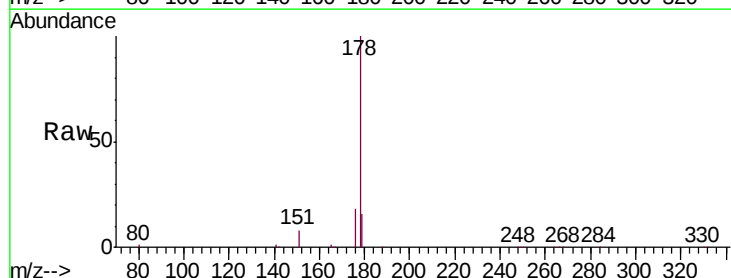
Tgt Ion:178 Resp: 41880

Ion Ratio Lower Upper

178 100

176 17.9 14.6 21.8

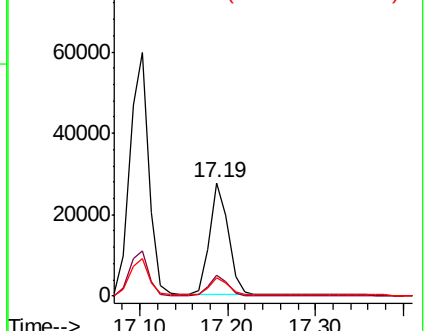
179 15.0 12.2 18.4



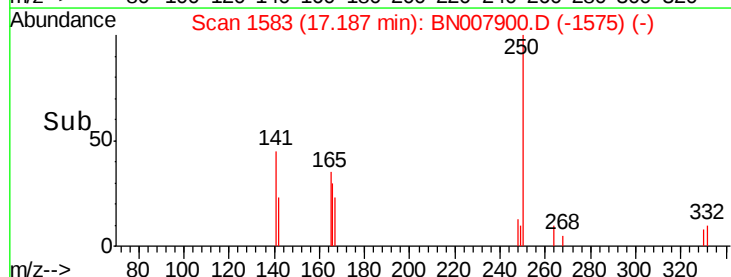
Abundance Ion 178.00 (177.70 to 178.70): E

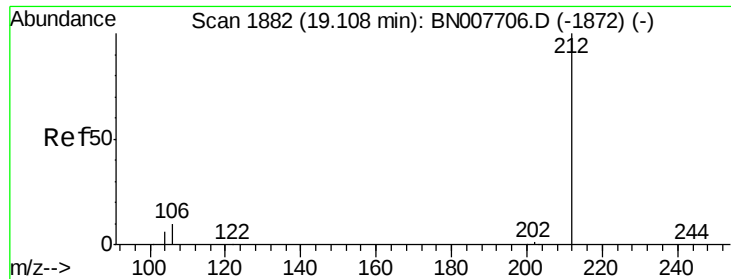
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.10 17.20 17.30





#25

Fluoranthene-d10

Concen: 0.231 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007900.D

Acq: 30 Sep 2019 17:06

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MSD

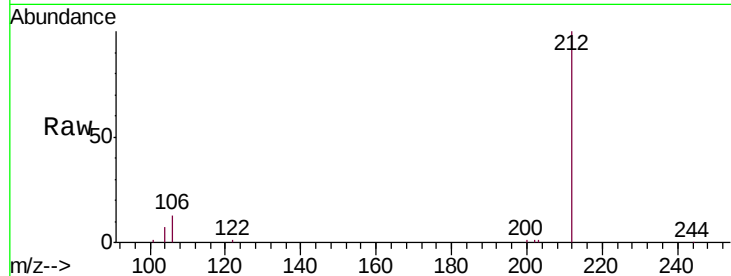
Tgt Ion:212 Resp: 35354

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.0

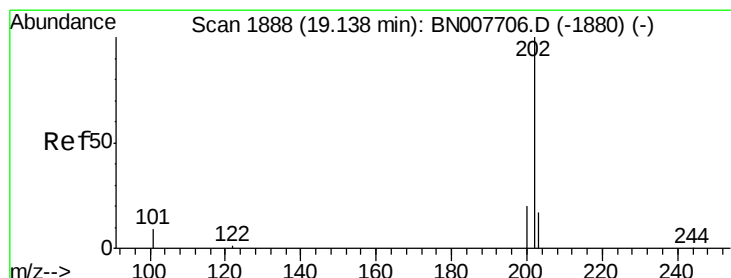
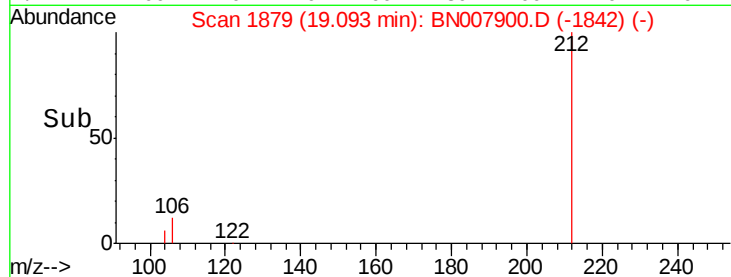
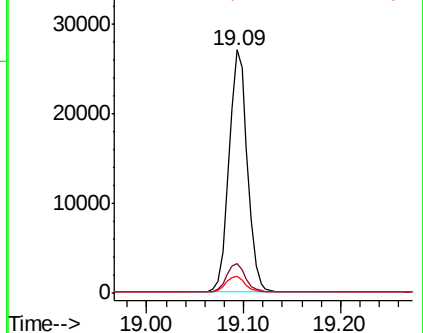
104 6.7 5.3 7.9



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: 0.812 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN007900.D

Acq: 30 Sep 2019 17:06

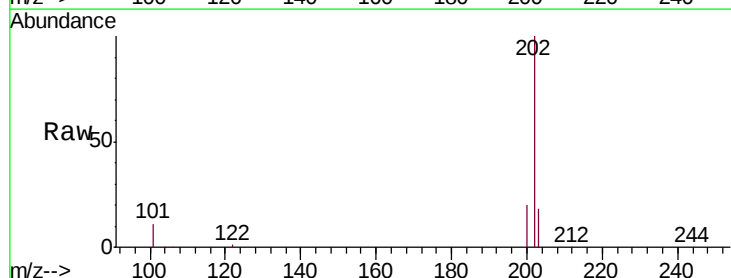
Tgt Ion:202 Resp: 142841

Ion Ratio Lower Upper

202 100

101 11.1 8.4 12.6

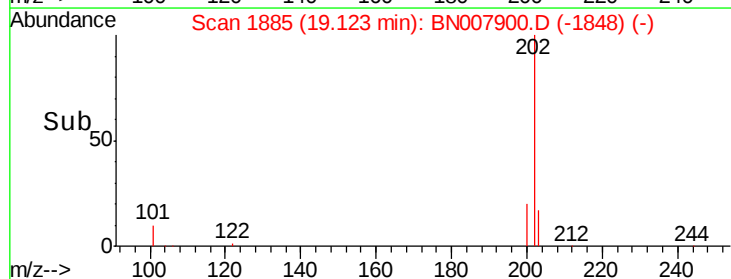
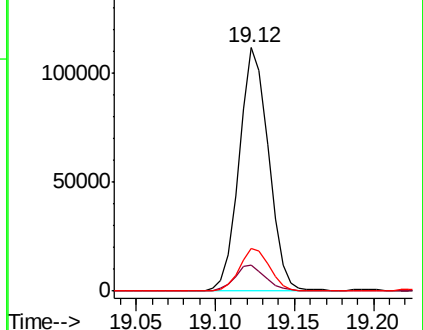
203 17.5 13.8 20.8



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: BN007900.D

Acq: 30 Sep 2019 17:06

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MSD

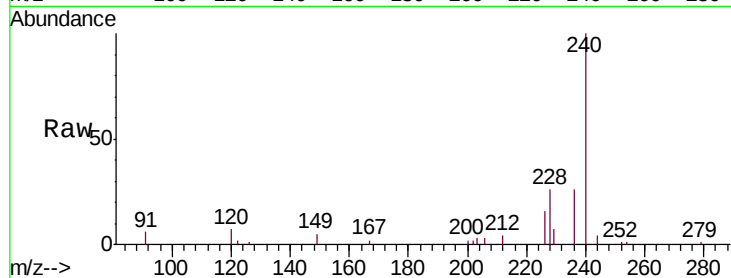
Tgt Ion:240 Resp: 36082

Ion Ratio Lower Upper

240 100

120 6.7 5.4 8.2

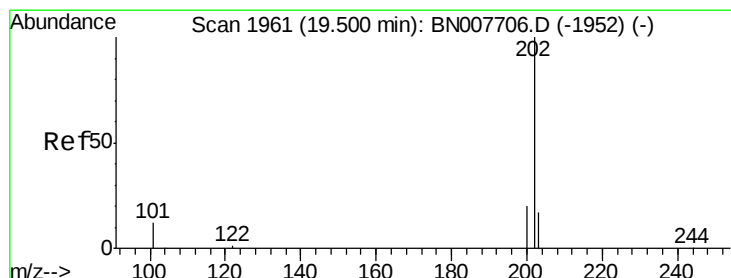
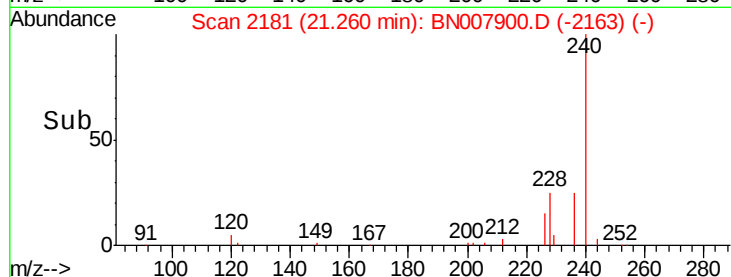
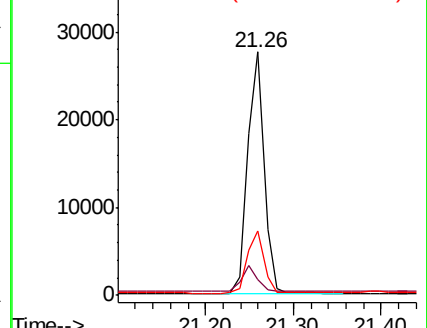
236 26.3 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 1.065 ng

RT: 19.49 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BN007900.D

Acq: 30 Sep 2019 17:06

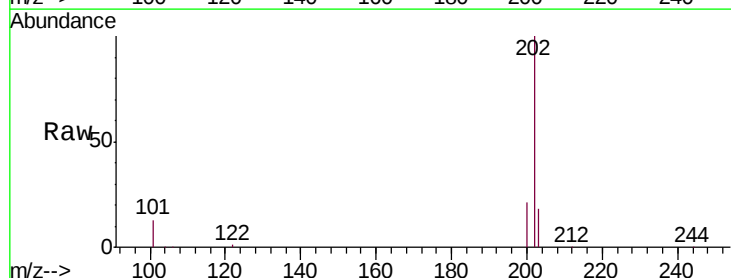
Tgt Ion:202 Resp: 131043

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

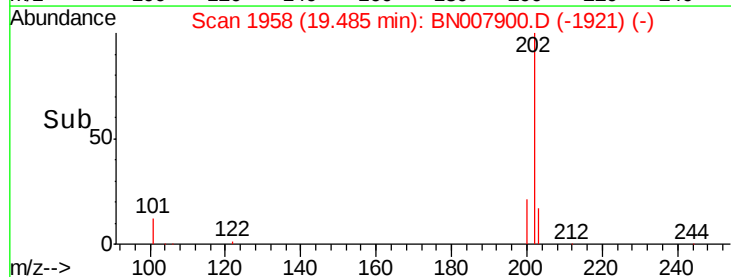
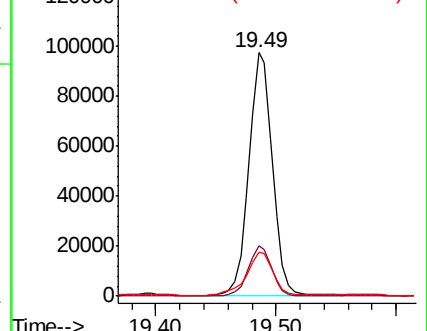
203 19.9 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.325 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007900.D

Acq: 30 Sep 2019 17:06

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MSD

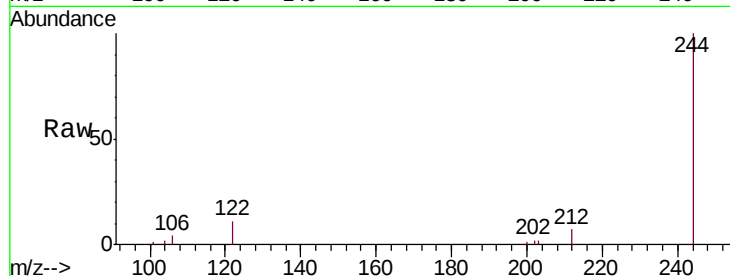
Tgt Ion:244 Resp: 28797

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

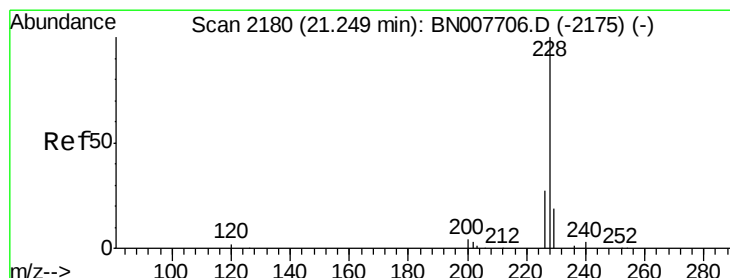
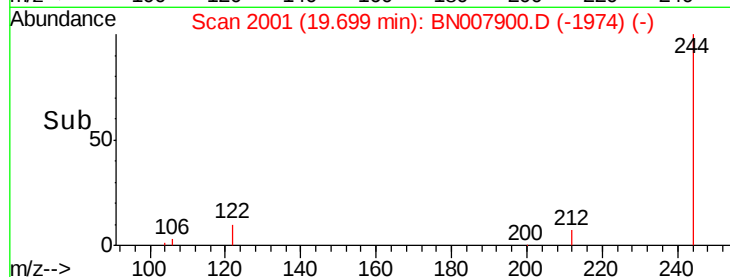
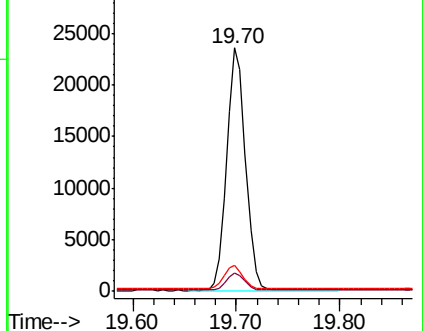
122 10.7 7.4 11.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.549 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007900.D

Acq: 30 Sep 2019 17:06

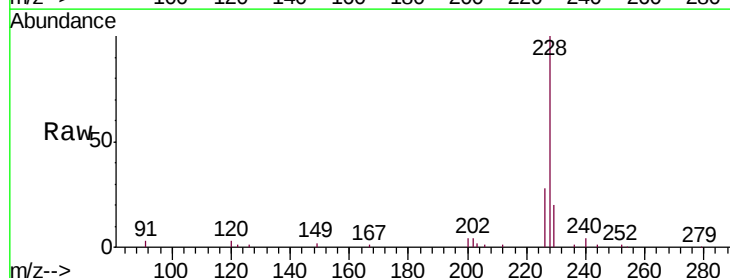
Tgt Ion:228 Resp: 72956

Ion Ratio Lower Upper

228 100

226 28.4 22.1 33.1

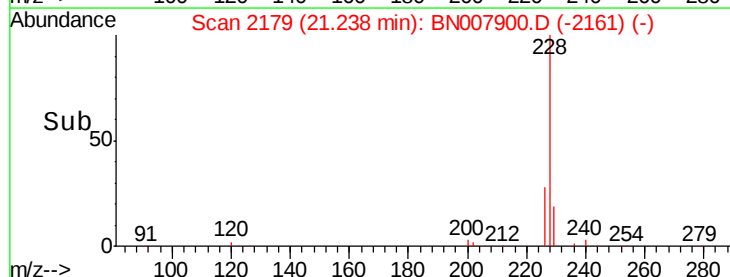
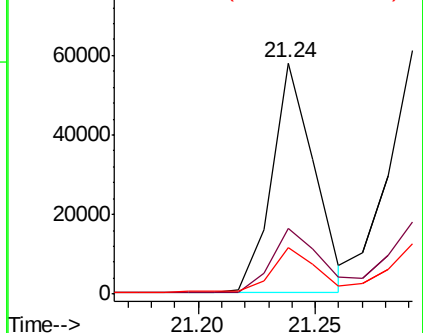
229 20.0 15.8 23.6

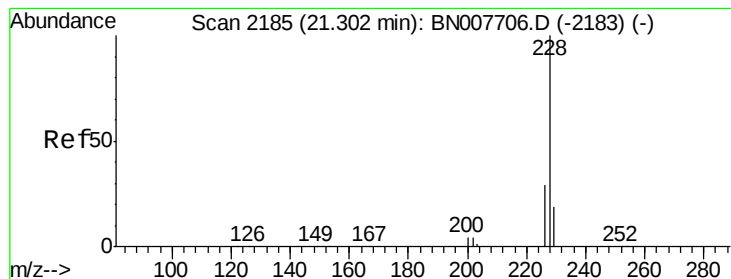


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.654 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007900.D

Acq: 30 Sep 2019 17:06

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MSD

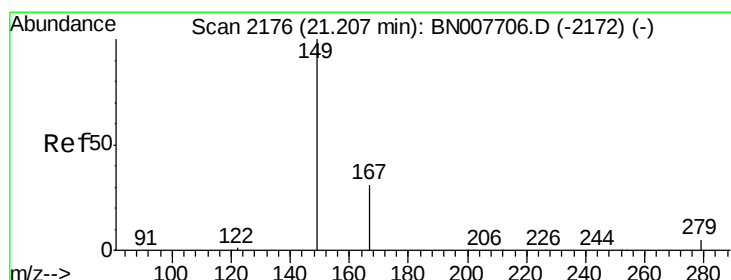
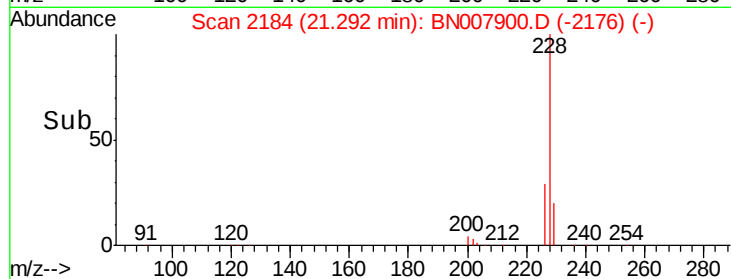
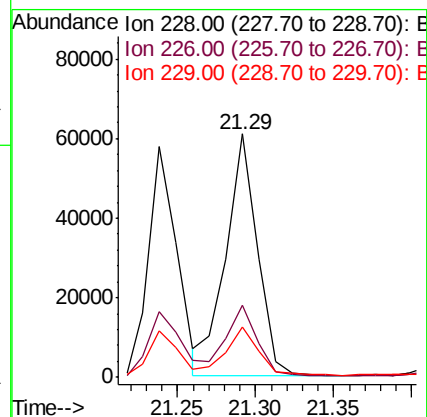
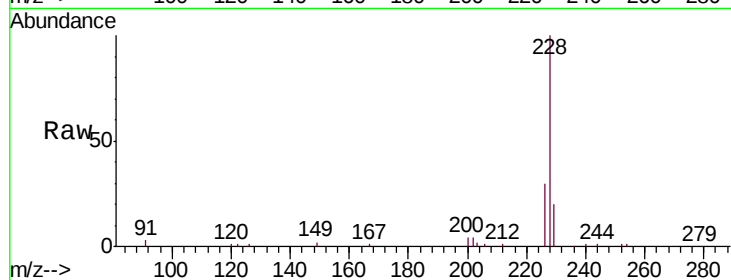
Tgt Ion:228 Resp: 84726

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 20.5 15.8 23.6



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.620 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007900.D

Acq: 30 Sep 2019 17:06

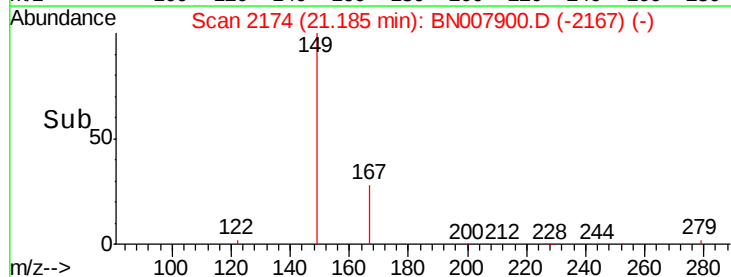
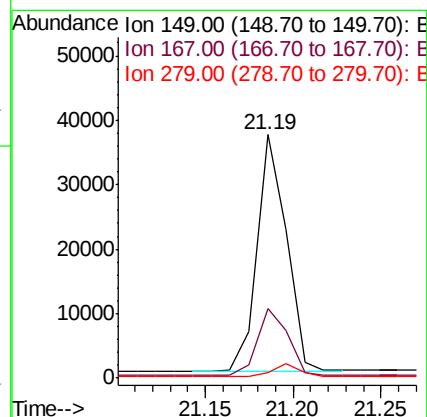
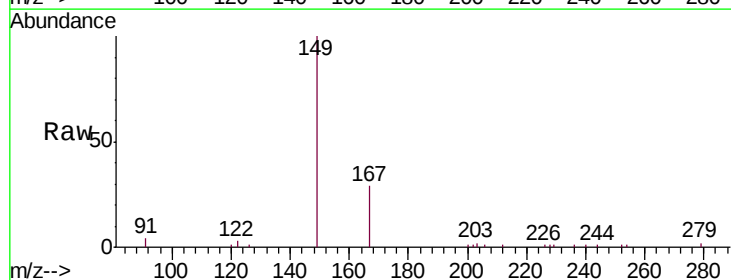
Tgt Ion:149 Resp: 42357

Ion Ratio Lower Upper

149 100

167 29.3 23.7 35.5

279 5.3 4.2 6.2

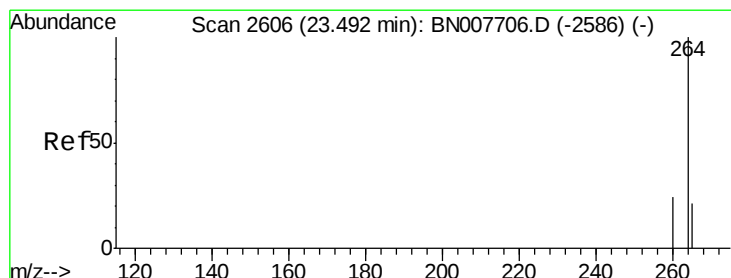
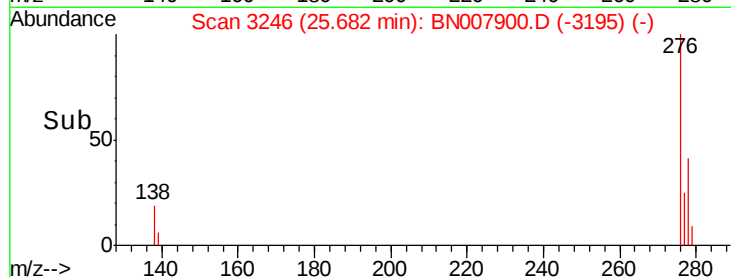
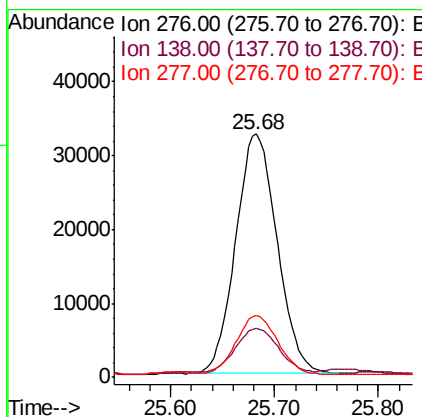
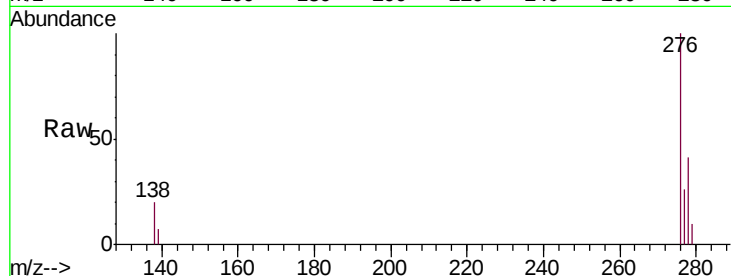




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.555 ng
 RT: 25.68 min Scan# 3246
 Delta R.T. -0.02 min
 Lab File: BN007900.D
 Acq: 30 Sep 2019 17:06

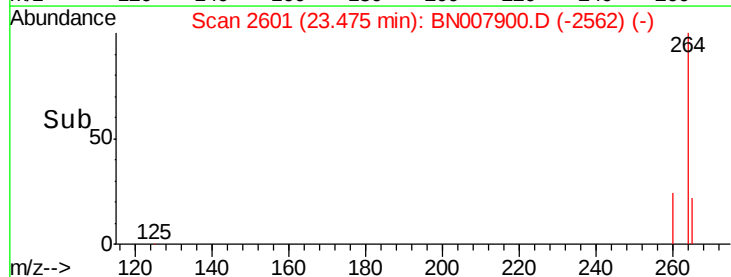
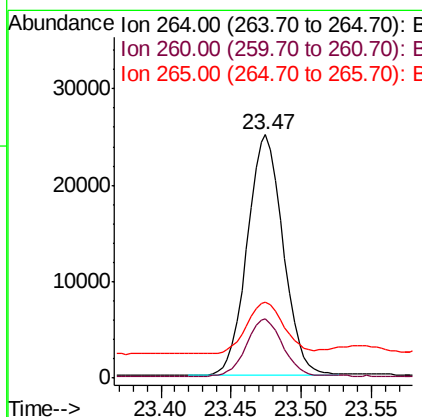
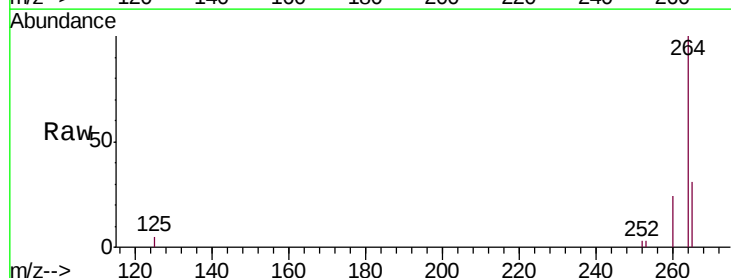
Instrument :
 BNA_N
 ClientSampleId :
 PST-024-SW138-092519MSD

Tgt Ion: 276 Resp: 89960
 Ion Ratio Lower Upper
 276 100
 138 21.2 17.1 25.7
 277 24.8 20.0 30.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.47 min Scan# 2601
 Delta R.T. -0.02 min
 Lab File: BN007900.D
 Acq: 30 Sep 2019 17:06

Tgt Ion: 264 Resp: 44477
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.3 28.9
 265 31.3 26.9 40.3

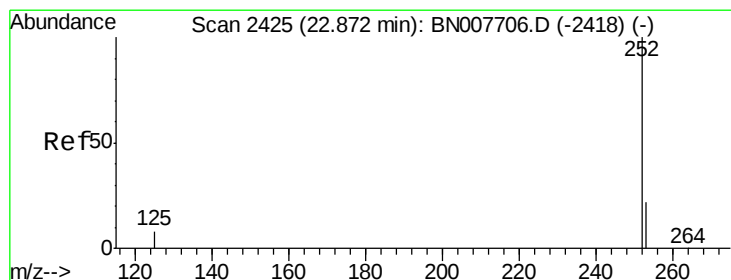
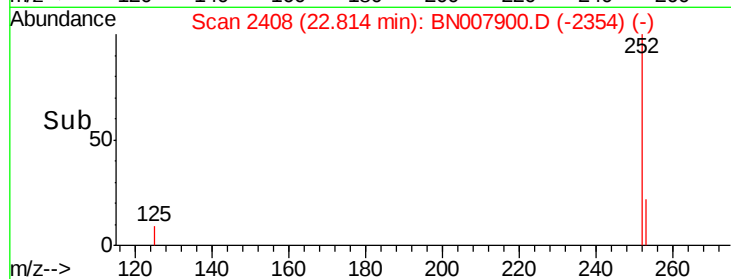
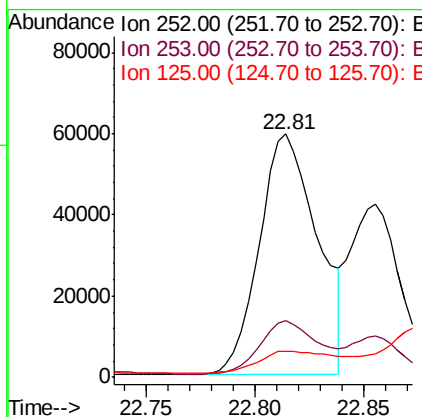
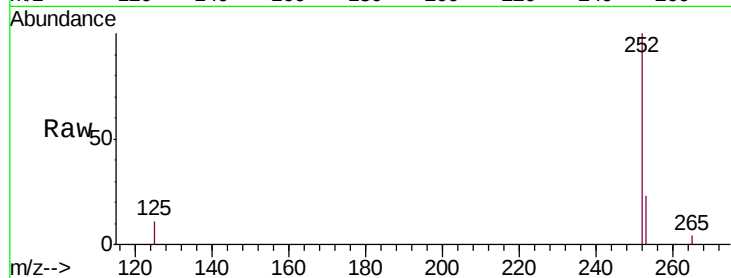




#35
Benzo(b)fluoranthene
Concen: 0.712 ng
RT: 22.81 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BN007900.D
Acq: 30 Sep 2019 17:06

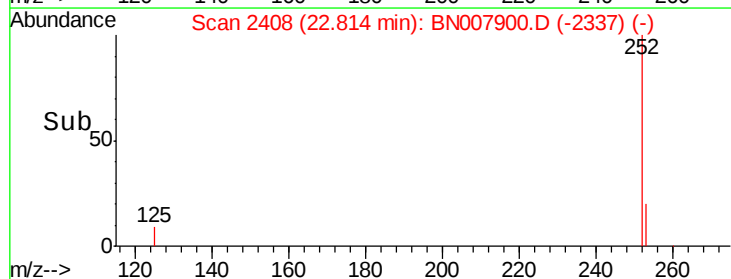
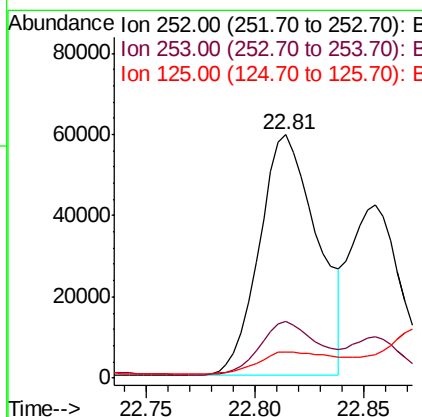
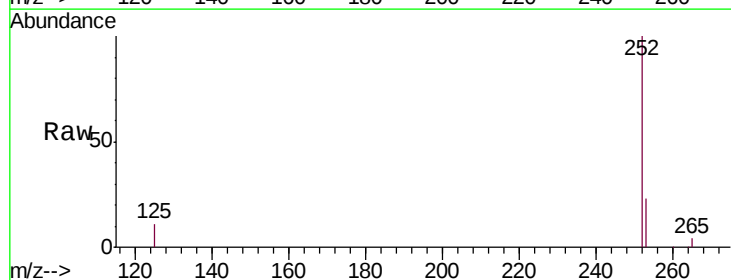
Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MSD

Tgt Ion:252 Resp: 109888
Ion Ratio Lower Upper
252 100
253 23.3 18.3 27.5
125 10.9 8.2 12.4



#36
Benzo(k)fluoranthene
Concen: 0.720 ng
RT: 22.81 min Scan# 2408
Delta R.T. -0.06 min
Lab File: BN007900.D
Acq: 30 Sep 2019 17:06

Tgt Ion:252 Resp: 109888
Ion Ratio Lower Upper
252 100
253 23.3 18.5 27.7
125 10.9 8.4 12.6





#37

Benzo(a)pyrene

Concen: 0.592 ng

RT: 23.38 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BN007900.D

Acq: 30 Sep 2019 17:06

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MSD

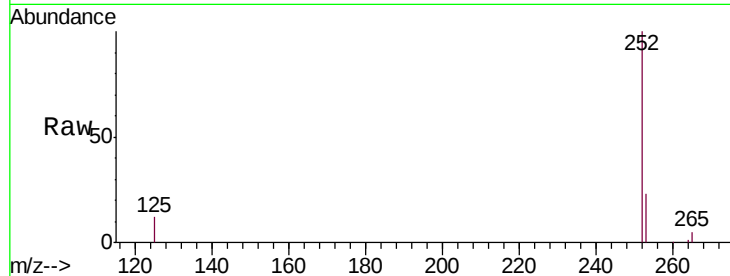
Tgt Ion:252 Resp: 85895

Ion Ratio Lower Upper

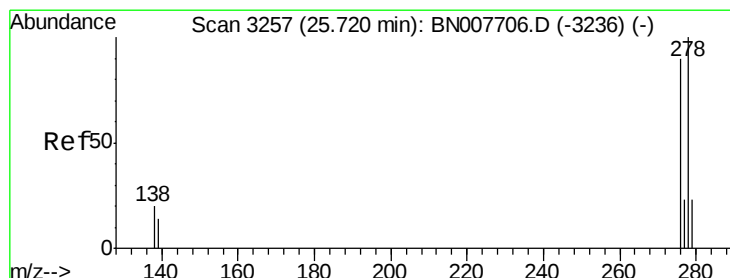
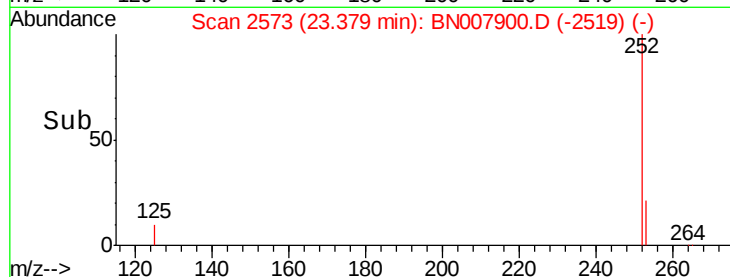
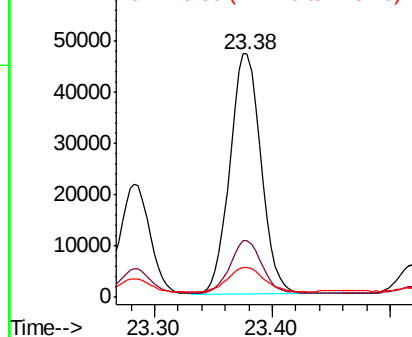
252 100

253 23.1 18.6 27.8

125 12.5 9.4 14.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.332 ng

RT: 25.70 min Scan# 3250

Delta R.T. -0.02 min

Lab File: BN007900.D

Acq: 30 Sep 2019 17:06

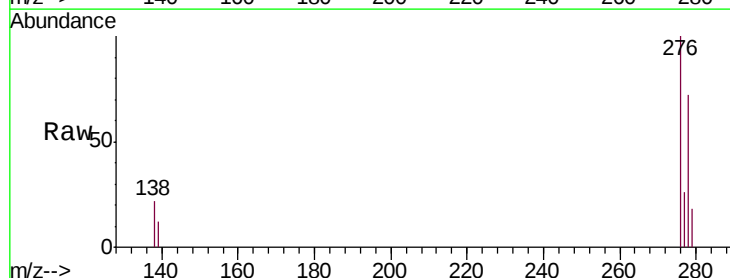
Tgt Ion:278 Resp: 49231

Ion Ratio Lower Upper

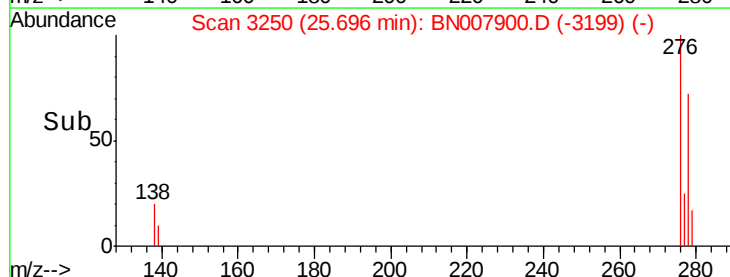
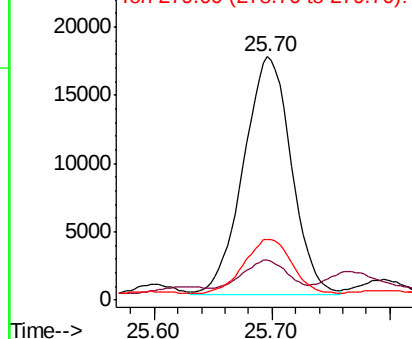
278 100

139 16.3 11.8 17.6

279 25.1 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: 0.571 ng

RT: 26.36 min Scan# 3443

Delta R.T. -0.02 min

Lab File: BN007900.D

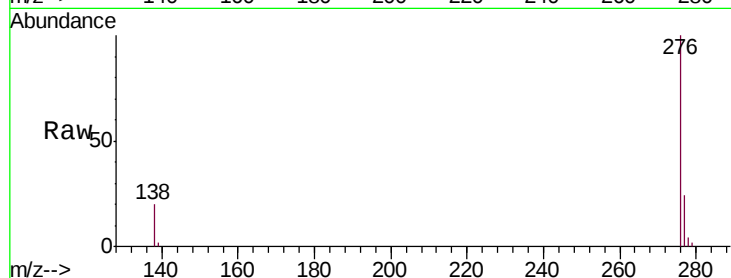
Acq: 30 Sep 2019 17:06

Instrument :

BNA_N

ClientSampleId :

PST-024-SW138-092519MSD



Tgt Ion: 276 Resp: 83836

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.8

138 19.6 15.1 22.7

