

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\
 Data File : BN008027.D
 Acq On : 05 Oct 2019 15:52
 Operator : JU
 Sample : K5078-19MSRE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-024-SW134-092519MS

Quant Time: Oct 07 00:14:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 03 18:39:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4686	0.40	ng	-0.02
7) Naphthalene-d8	10.44	136	18345	0.40	ng	-0.03
13) Acenaphthene-d10	14.31	164	11615	0.40	ng	-0.02
19) Phenanthrene-d10	17.06	188	23259	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	23995	0.40	ng	-0.02
34) Perylene-d12	23.46	264	26342	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	4165	0.26	ng	0.00
5) Phenol-d6	6.87	99	5265	0.26	ng	0.00
8) Nitrobenzene-d5	8.82	82	4890	0.30	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	9343	0.30	ng	-0.02
14) 2,4,6-Tribromophenol	15.80	330	1798	0.28	ng	-0.02
15) 2-Fluorobiphenyl	12.93	172	11878	0.25	ng	-0.02
25) Fluoranthene-d10	19.09	212	21063	0.27	ng	-0.02
29) Terphenyl-d14	19.69	244	17819	0.30	ng	-0.02

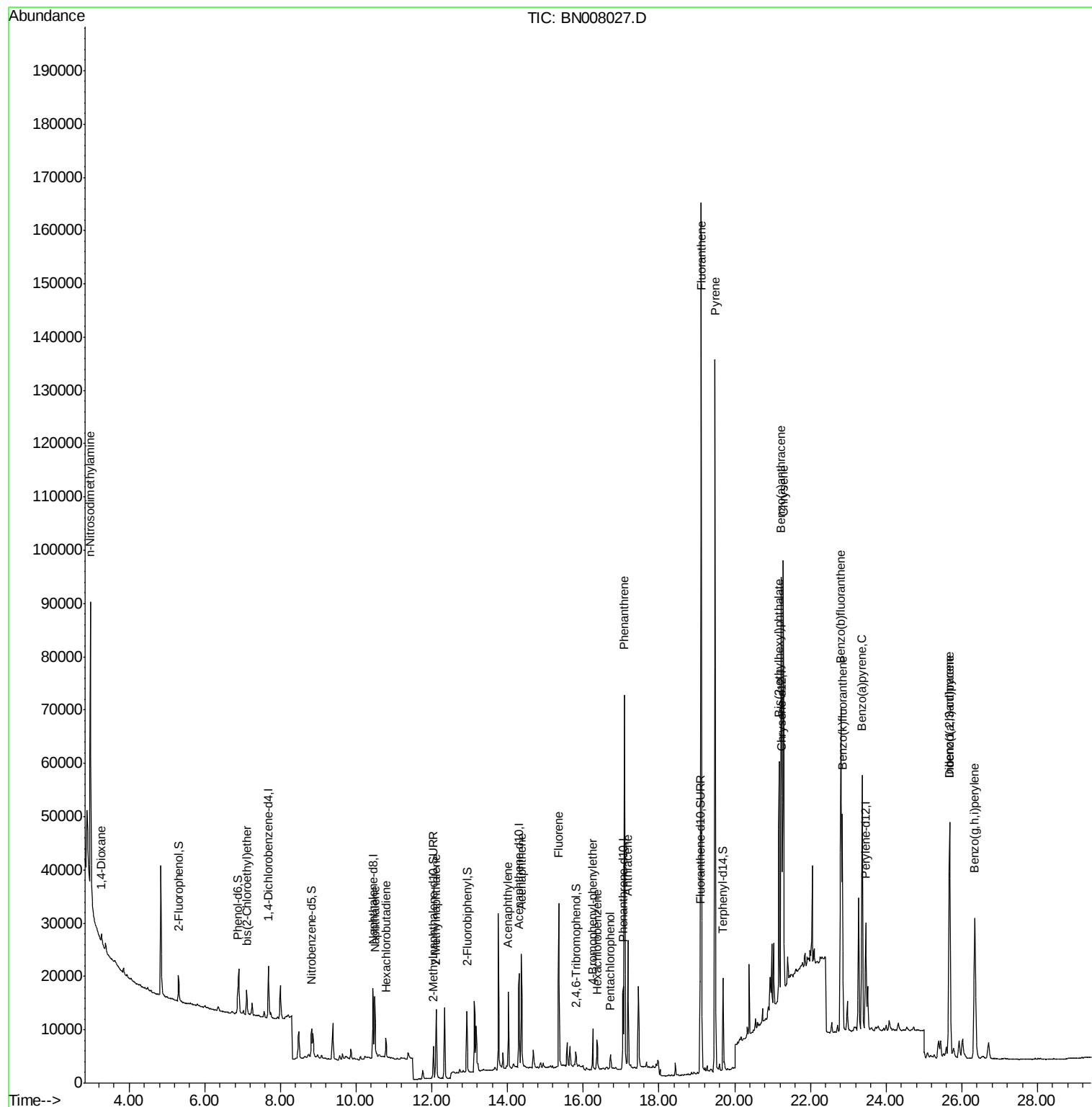
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	1113	0.213	ng	# 32
3) n-Nitrosodimethylamine	2.97	42	7388	3.088	ng	# 79
6) bis(2-Chloroethyl)ether	7.11	93	4252	0.320	ng	90
9) Naphthalene	10.49	128	14849	0.288	ng	97
10) Hexachlorobutadiene	10.79	225	3086	0.285	ng	# 100
12) 2-Methylnaphthalene	12.12	142	10023	0.288	ng	99
16) Acenaphthylene	14.02	152	17276	0.280	ng	99
17) Acenaphthene	14.36	154	10965	0.276	ng	96
18) Fluorene	15.36	166	15147	0.298	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	3987	0.282	ng	# 91
21) Hexachlorobenzene	16.37	284	4302	0.279	ng	98
22) Pentachlorophenol	16.72	266	1682	0.296	ng	94
23) Phenanthrene	17.09	178	81379	1.123	ng	100
24) Anthracene	17.18	178	25379	0.388	ng	99
26) Fluoranthene	19.12	202	146359	1.625	ng	99
28) Pyrene	19.48	202	122162	1.493	ng	97
30) Benzo(a)anthracene	21.23	228	67079	0.759	ng	99
31) Chrysene	21.28	228	74333	0.863	ng	97
32) Bis(2-ethylhexyl)phthalate	21.18	149	34622	0.762	ng	100
33) Indeno(1,2,3-cd)pyrene	25.67	276	60166	0.558	ng	97
35) Benzo(b)fluoranthene	22.80	252	90480	0.989	ng	# 94
36) Benzo(k)fluoranthene	22.84	252	49691	0.549	ng	# 92
37) Benzo(a)pyrene	23.37	252	66214	0.770	ng	# 92
38) Dibenzo(a,h)anthracene	25.68	278	30430	0.346	ng	# 85
39) Benzo(g,h,i)perylene	26.34	276	55851	0.642	ng	96

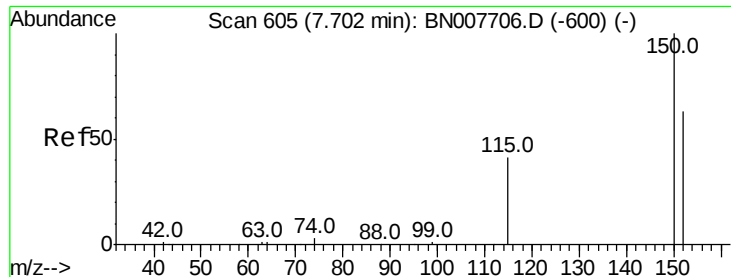
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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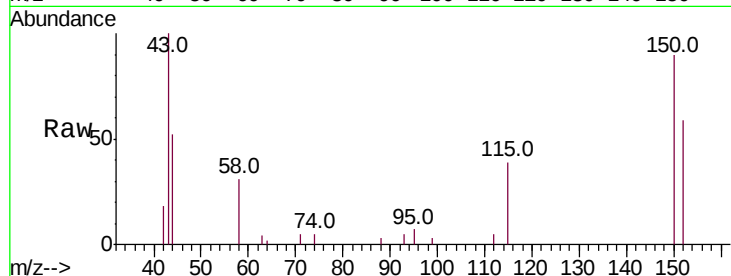


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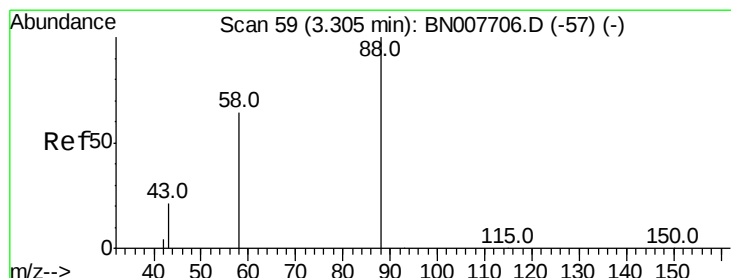
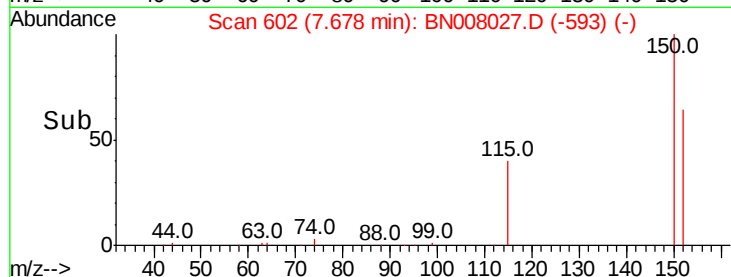
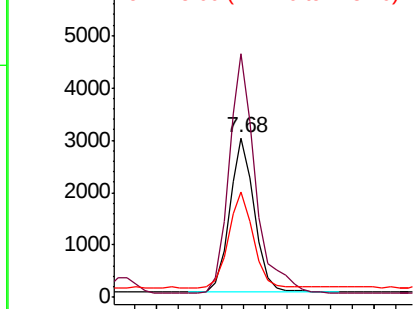
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 602
Delta R.T. -0.02 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Instrument :
BNA_N
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PST-024-SW134-092519MS

Tot Ion:152 Resp: 4686
Ion Ratio Lower Upper
152 100
150 153.0 125.6 188.4
115 65.9 53.3 79.9



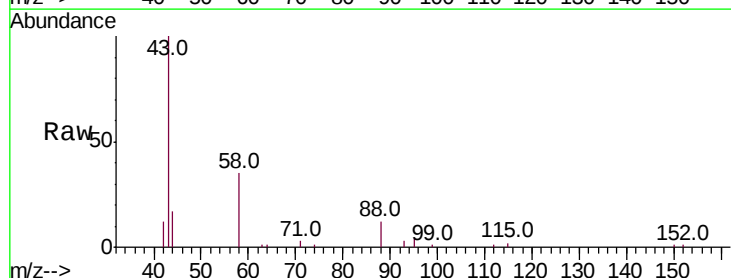
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



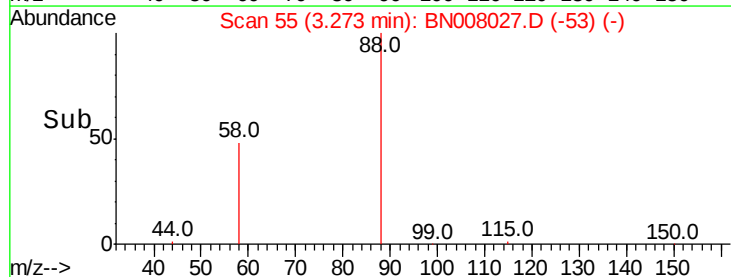
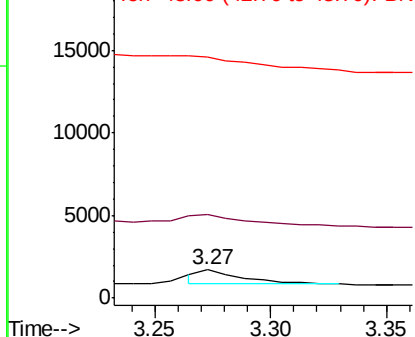
#2

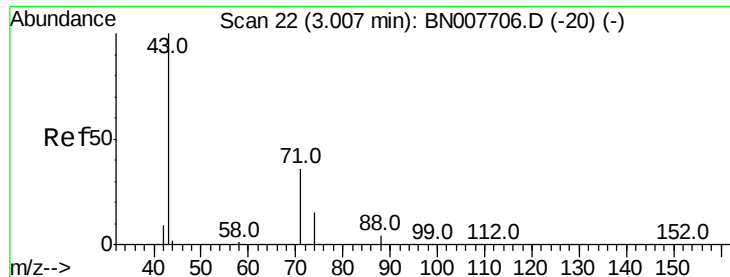
1,4-Dioxane
Concen: 0.213 ng
RT: 3.27 min Scan# 55
Delta R.T. -0.03 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion: 88 Resp: 1113
Ion Ratio Lower Upper
88 100
58 0.0 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: 3.088 ng

RT: 2.97 min Scan# 18

Delta R.T. -0.03 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS

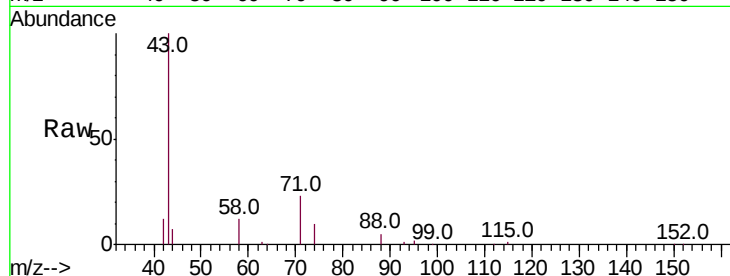
Tot Ion: 42 Resp: 7388

Ion Ratio Lower Upper

42 100

74 134.3 87.9 131.9#

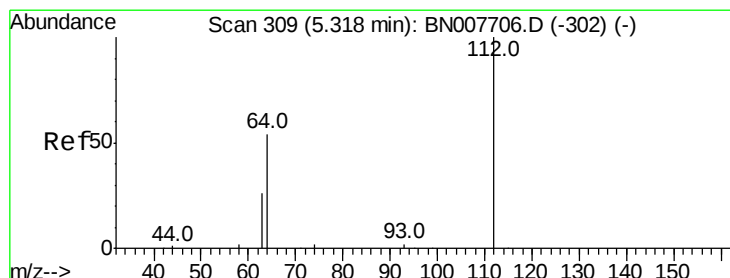
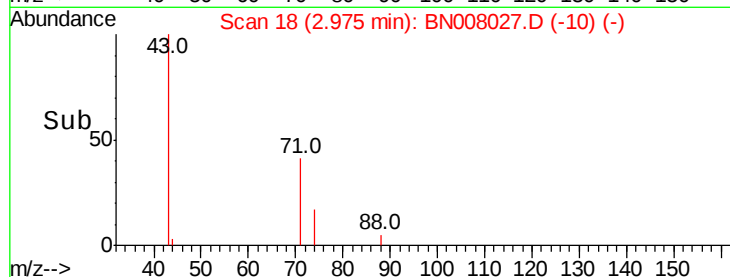
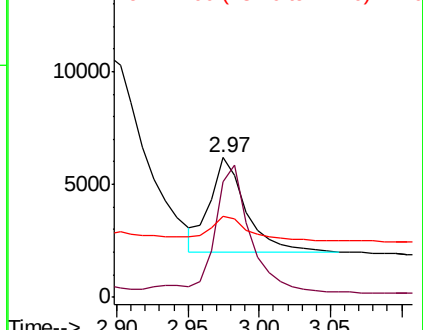
44 28.2 29.4 44.0#



Abundance Ion 42.00 (41.70 to 42.70): BN007706.D (-20) (-)

Ion 74.00 (73.70 to 74.70): BN007706.D (-20) (-)

Ion 44.00 (43.70 to 44.70): BN007706.D (-20) (-)



#4

2-Fluorophenol

Concen: 0.258 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

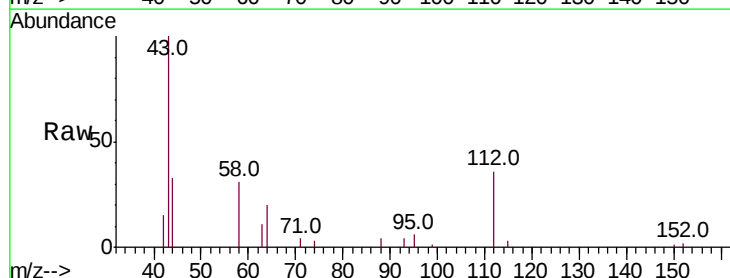
Tgt Ion: 112 Resp: 4165

Ion Ratio Lower Upper

112 100

64 57.3 46.6 70.0

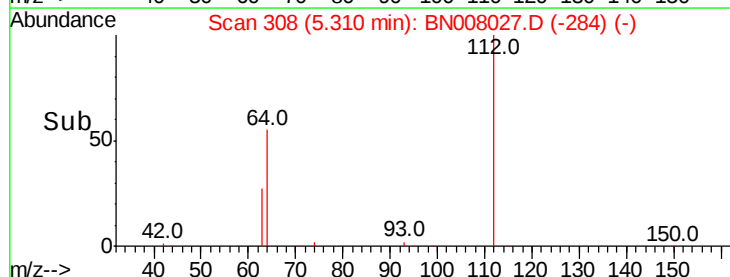
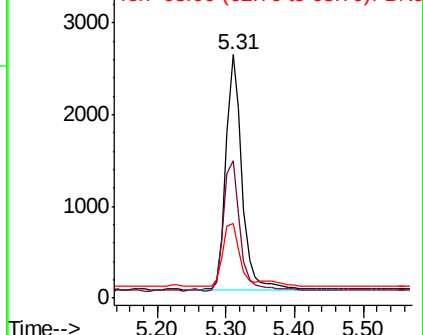
63 27.8 23.1 34.7

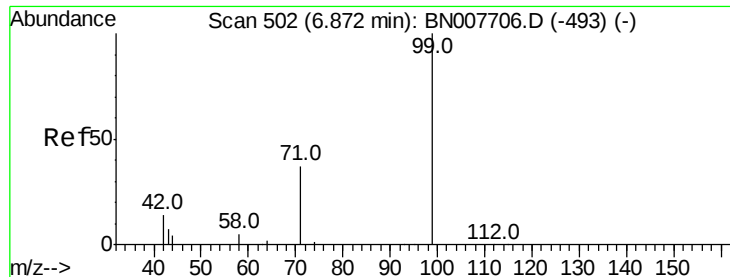


Abundance Ion 112.00 (111.70 to 112.70): BN007706.D (-302) (-)

Ion 64.00 (63.70 to 64.70): BN007706.D (-302) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-302) (-)





#5

Phenol-d6

Concen: 0.260 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

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PST-024-SW134-092519MS

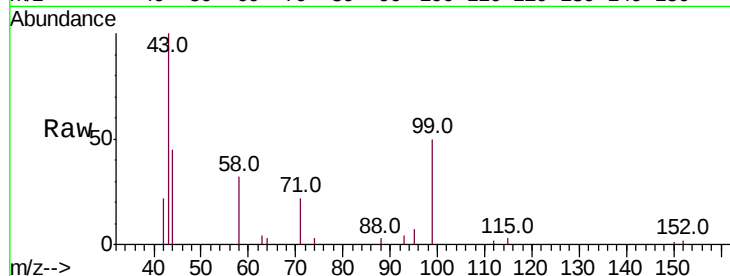
Tot Ion: 99 Resp: 5265

Ion Ratio Lower Upper

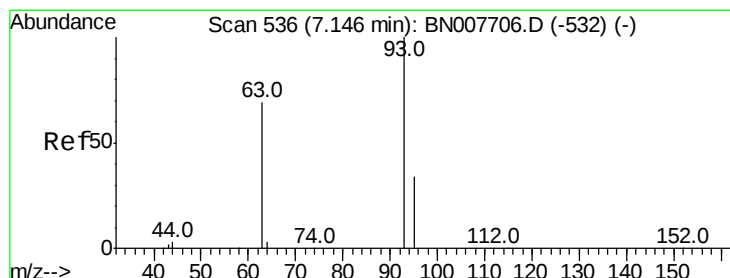
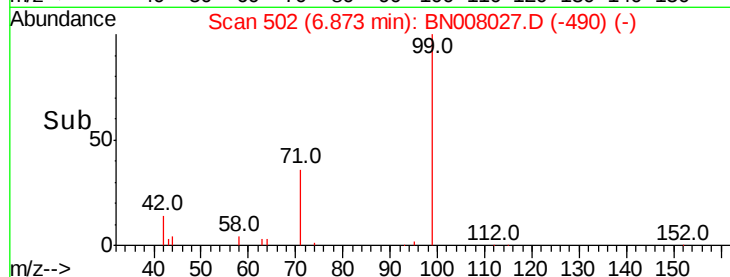
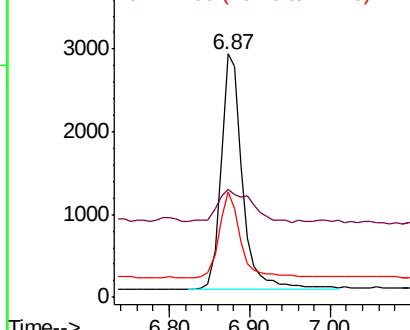
99 100

42 22.7 12.8 19.2#

71 36.0 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#6

bis(2-Chloroethyl)ether

Concen: 0.320 ng

RT: 7.11 min Scan# 531

Delta R.T. -0.04 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

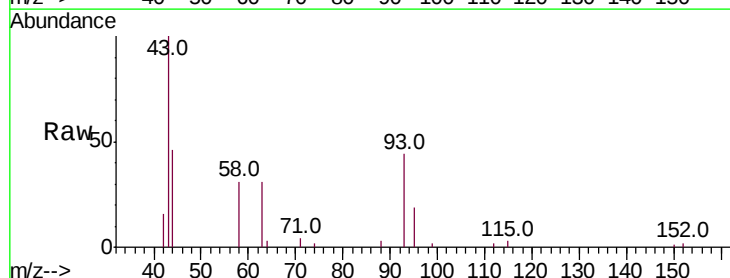
Tgt Ion: 93 Resp: 4252

Ion Ratio Lower Upper

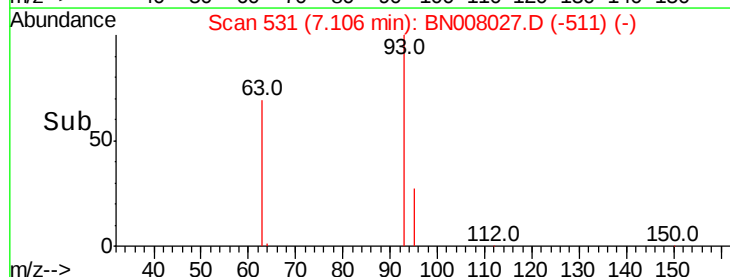
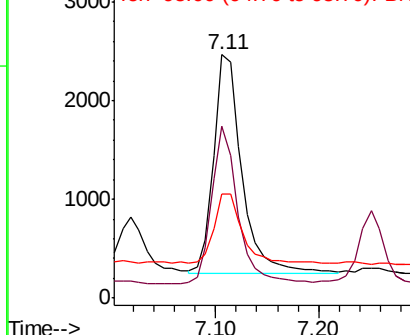
93 100

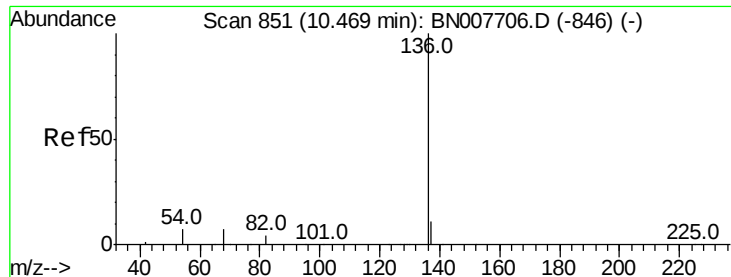
63 66.3 59.3 88.9

95 32.2 31.4 47.0



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 849

Delta R.T. -0.03 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

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ClientSampleId :

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Tot Ion:136 Resp: 18345

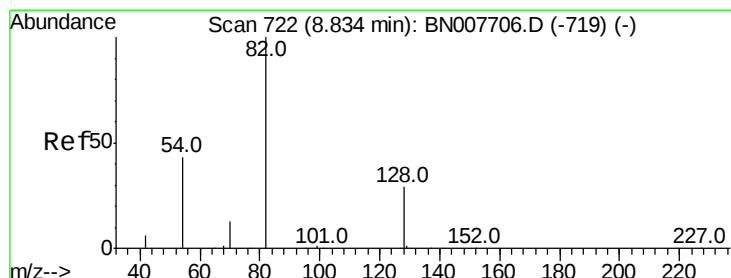
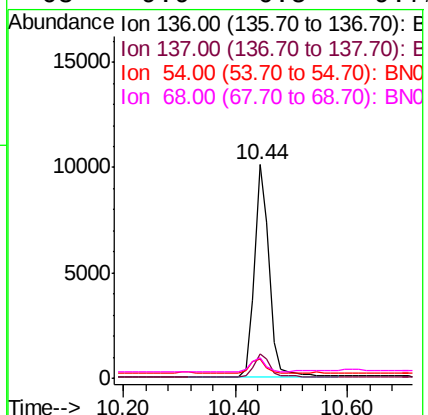
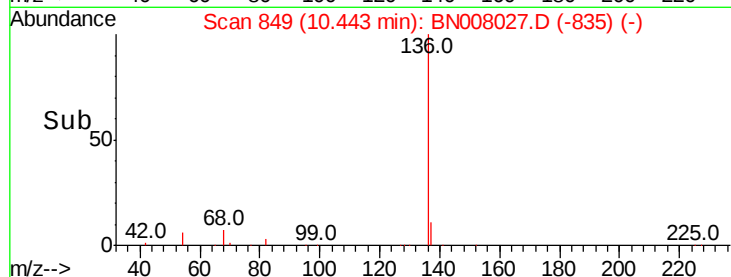
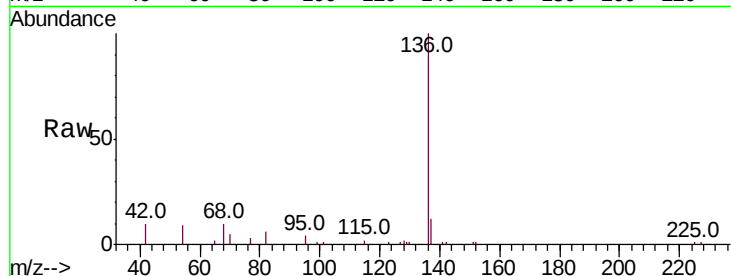
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 8.8 5.8 8.8#

68 9.9 6.5 9.7#



#8

Nitrobenzene-d5

Concen: 0.305 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

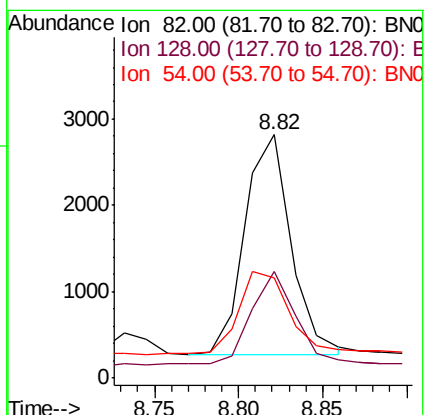
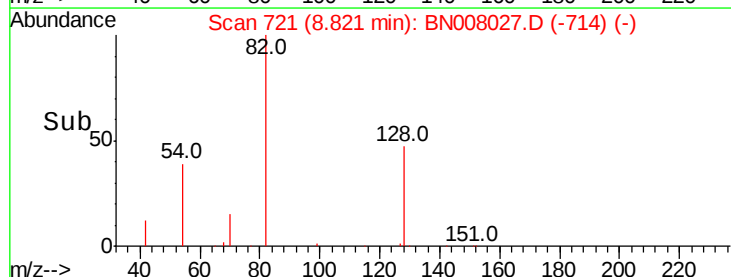
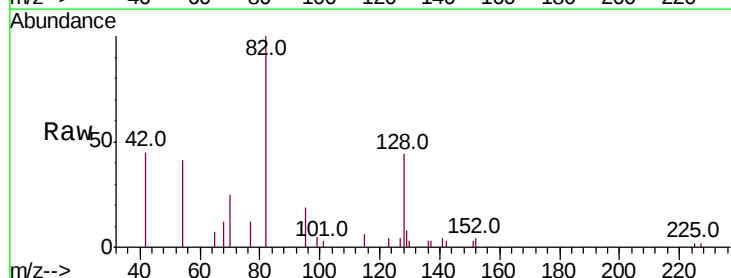
Tgt Ion: 82 Resp: 4890

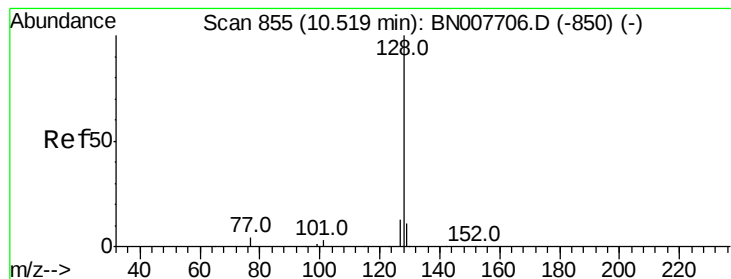
Ion Ratio Lower Upper

82 100

128 43.7 24.5 36.7#

54 41.3 35.2 52.8





#9

Naphthalene

Concen: 0.288 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN008027.D

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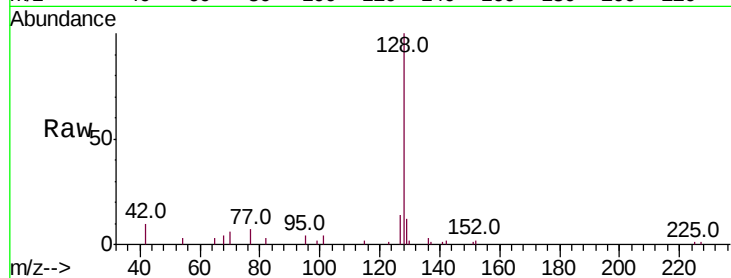
Tot Ion:128 Resp: 14849

Ion Ratio Lower Upper

128 100

129 12.5 9.1 13.7

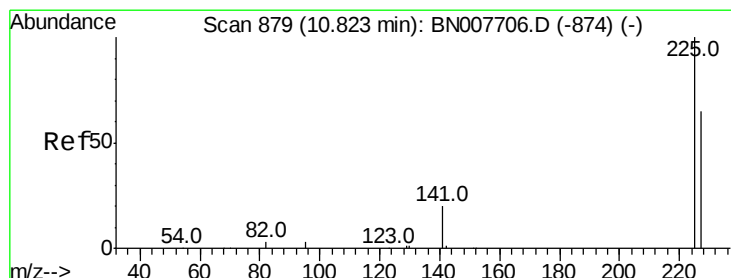
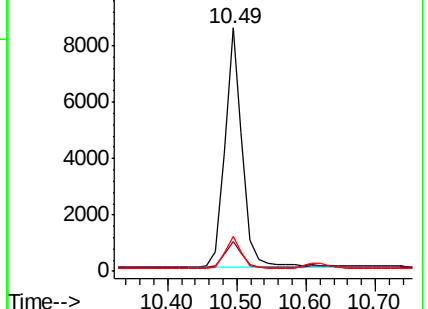
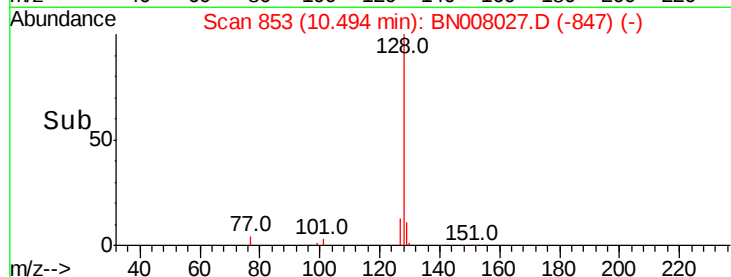
127 14.2 10.6 15.8



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: 0.285 ng

RT: 10.79 min Scan# 876

Delta R.T. -0.04 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

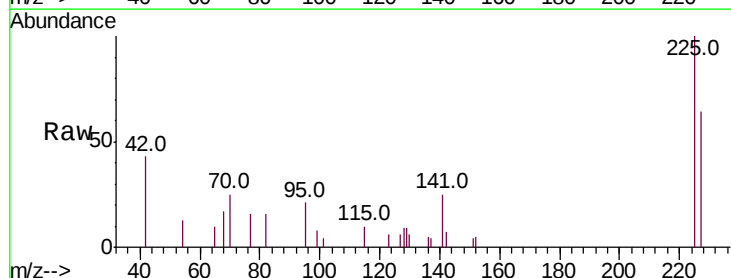
Tgt Ion:225 Resp: 3086

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

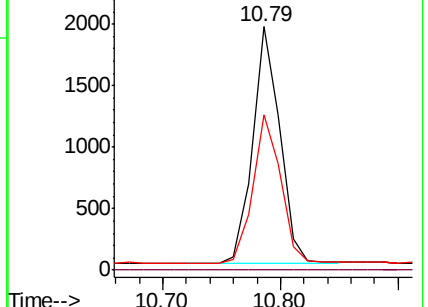
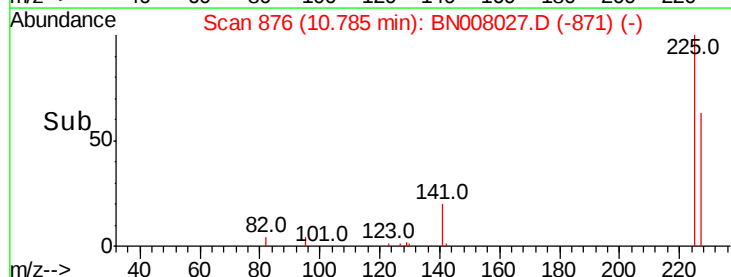
227 63.7 51.2 76.8

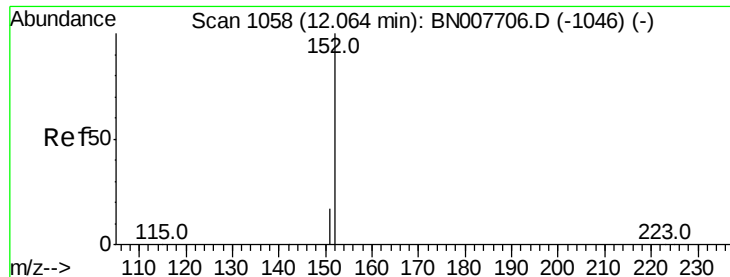


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

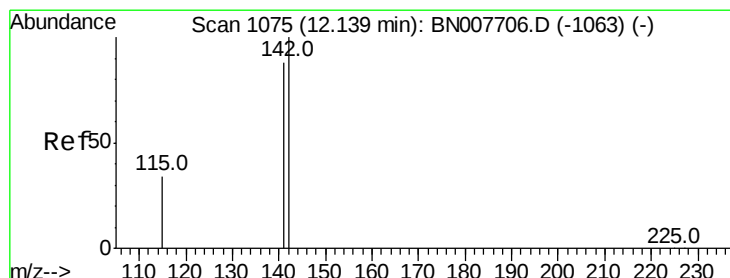
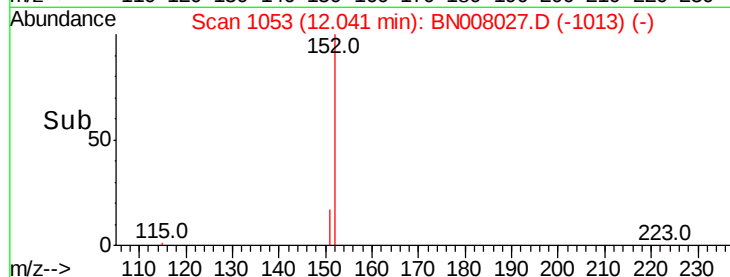
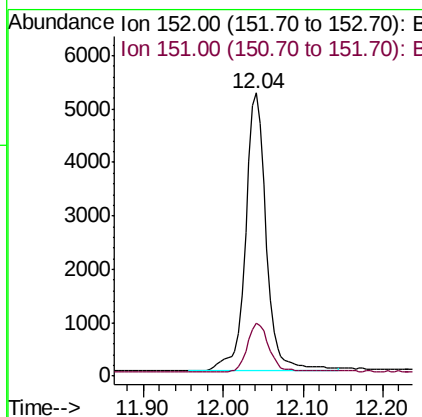
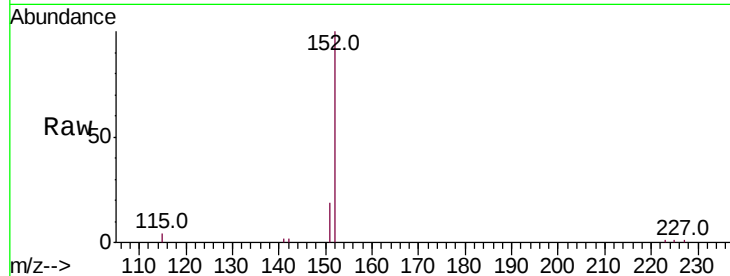




#11
 2-Methylnaphthalene-d10
 Concen: 0.302 ng
 RT: 12.04 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BN008027.D
 Acq: 05 Oct 2019 15:52

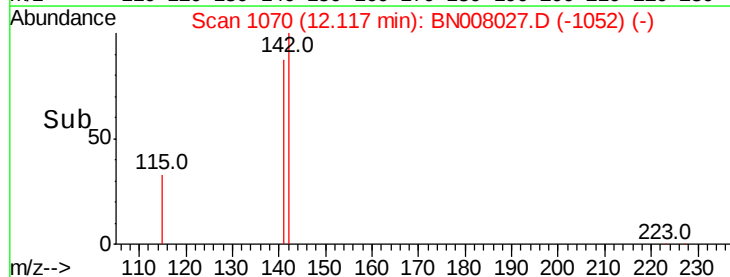
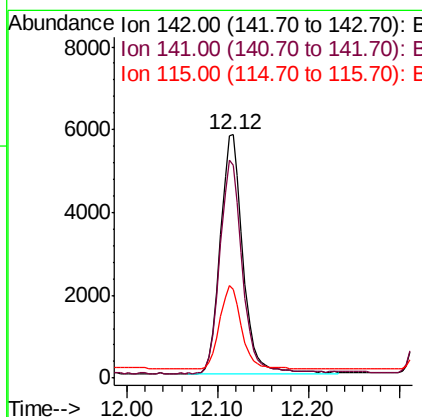
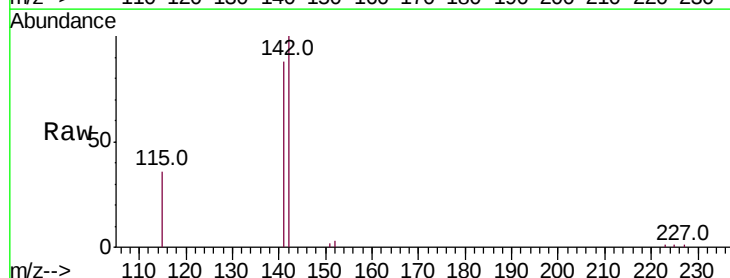
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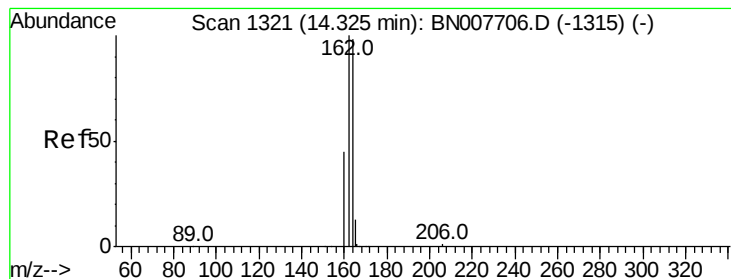
Tot Ion:152 Resp: 9343
 Ion Ratio Lower Upper
 152 100
 151 18.1 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.288 ng
 RT: 12.12 min Scan# 1070
 Delta R.T. -0.02 min
 Lab File: BN008027.D
 Acq: 05 Oct 2019 15:52

Tgt Ion:142 Resp: 10023
 Ion Ratio Lower Upper
 142 100
 141 87.5 70.6 106.0
 115 36.3 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS

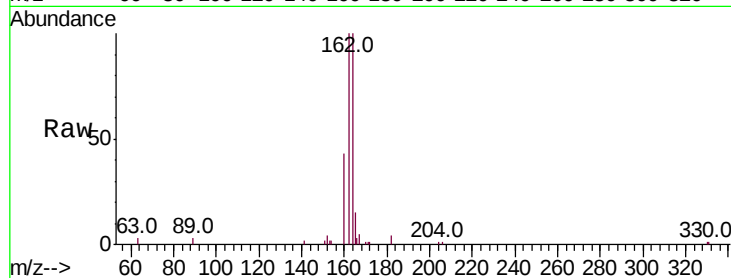
Tot Ion:164 Resp: 11615

Ion Ratio Lower Upper

164 100

162 99.7 81.7 122.5

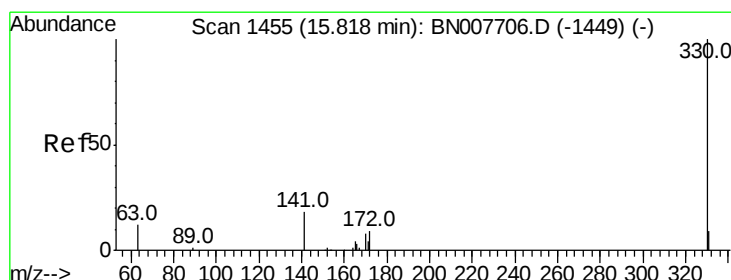
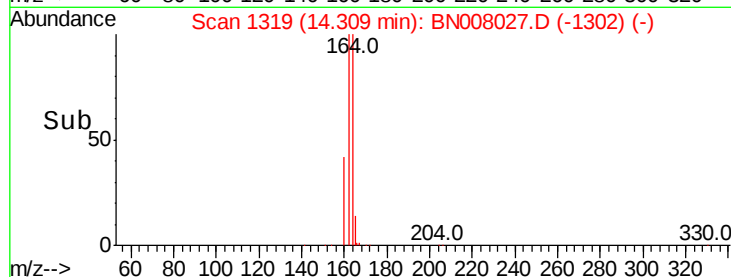
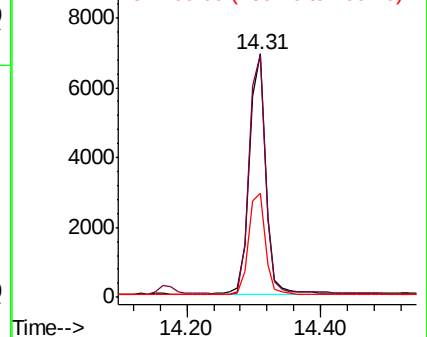
160 42.9 37.0 55.4



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: 0.284 ng

RT: 15.80 min Scan# 1453

Delta R.T. -0.02 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

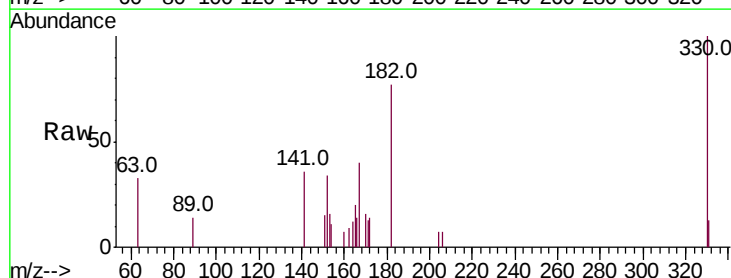
Tgt Ion:330 Resp: 1798

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

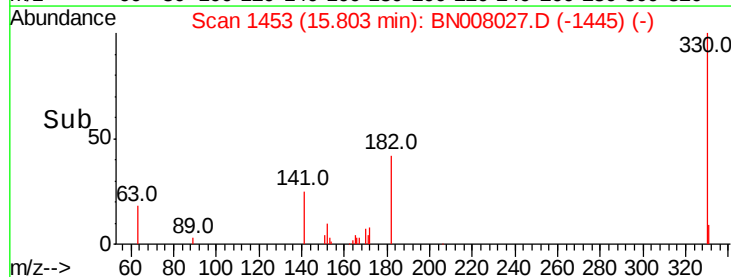
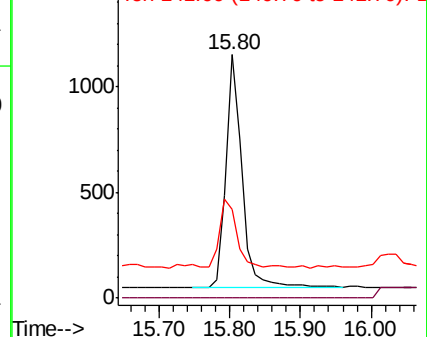
141 30.3 28.7 43.1

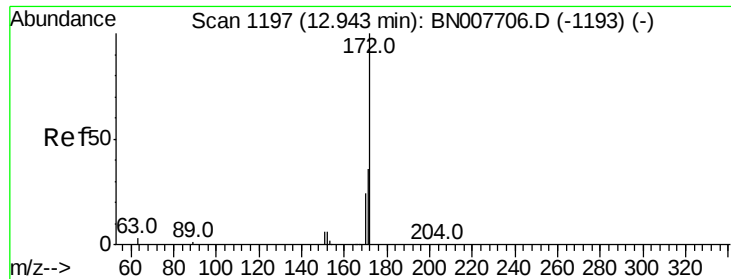


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

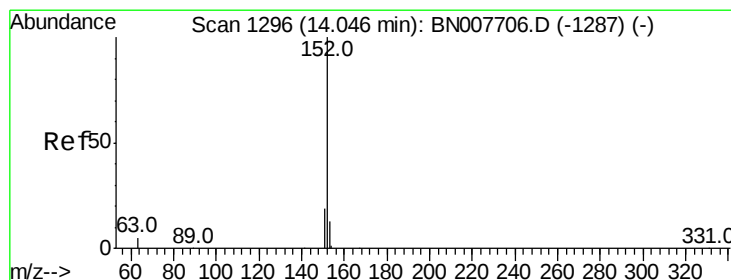
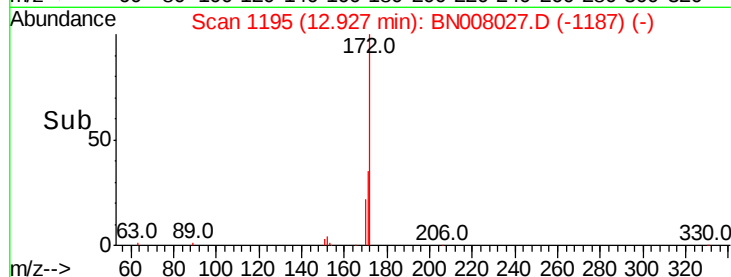
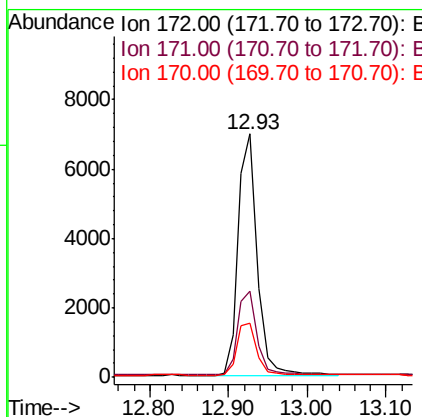
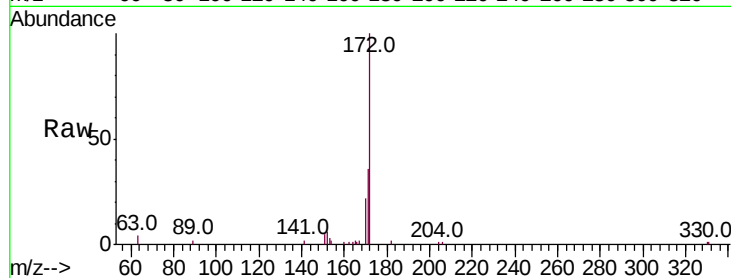




#15
2-Fluorobiphenyl
Concen: 0.248 ng
RT: 12.93 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

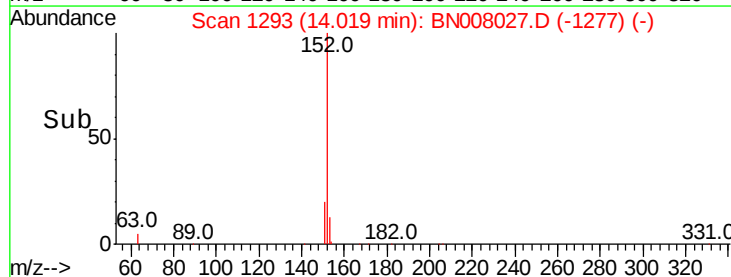
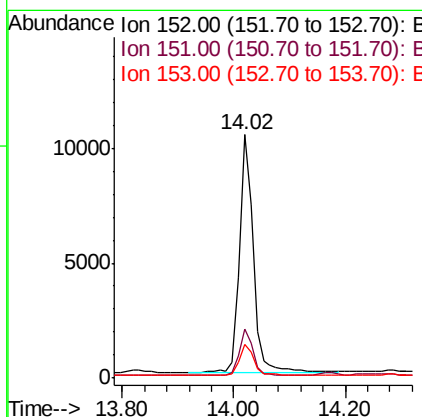
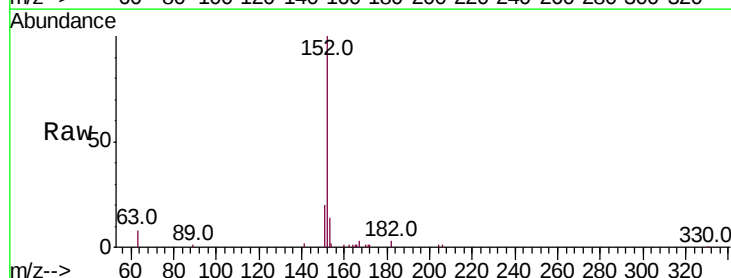
Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

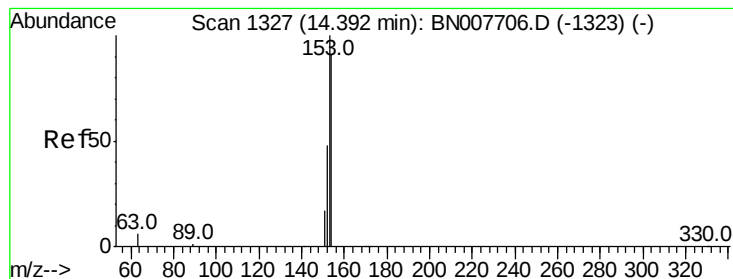
Tot Ion:172 Resp: 11878
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 22.4 19.5 29.3



#16
Acenaphthylene
Concen: 0.280 ng
RT: 14.02 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion:152 Resp: 17276
Ion Ratio Lower Upper
152 100
151 19.8 15.5 23.3
153 12.9 10.4 15.6





#17

Acenaphthene

Concen: 0.276 ng

RT: 14.36 min Scan# 1324

Delta R.T. -0.03 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS

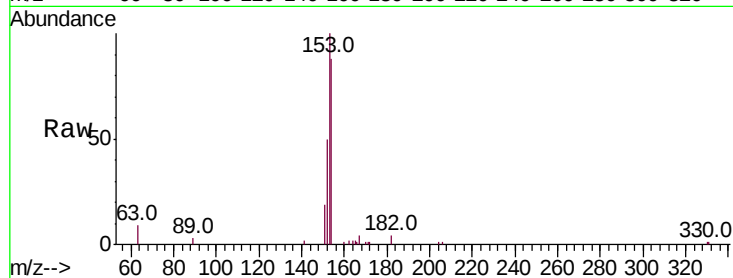
Tot Ion:154 Resp: 10965

Ion Ratio Lower Upper

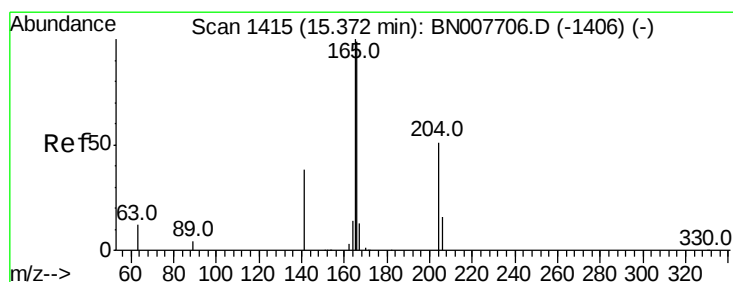
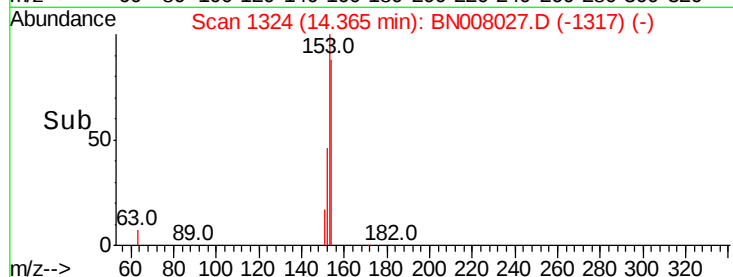
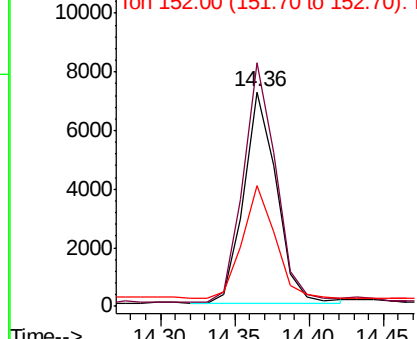
154 100

153 114.3 87.0 130.4

152 54.8 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: 0.298 ng

RT: 15.36 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

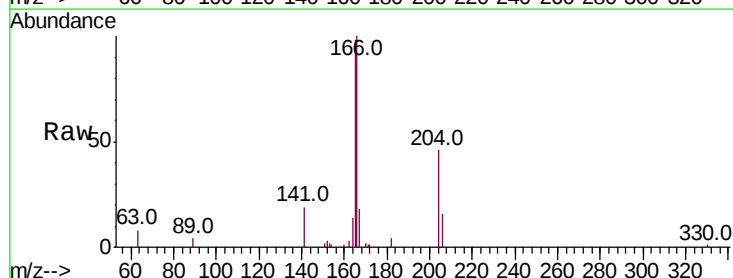
Tgt Ion:166 Resp: 15147

Ion Ratio Lower Upper

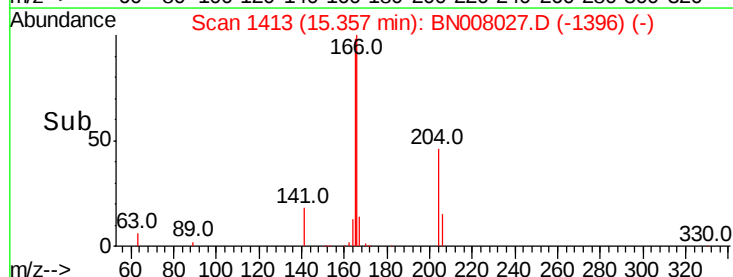
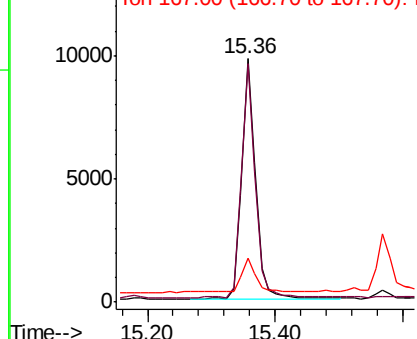
166 100

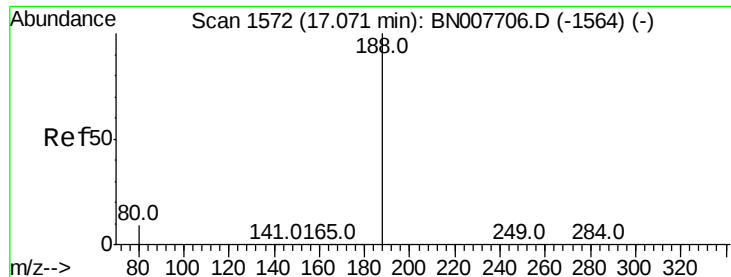
165 96.5 78.0 117.0

167 13.6 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# 1570

Delta R.T. -0.01 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS

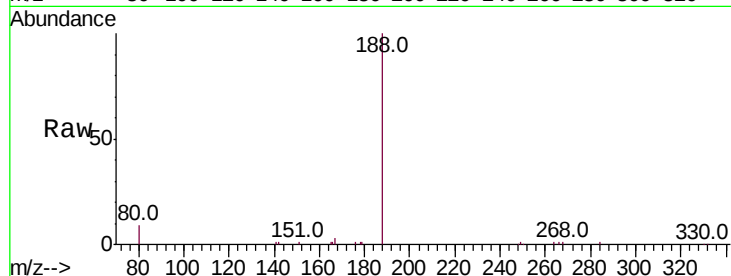
Tot Ion:188 Resp: 23259

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

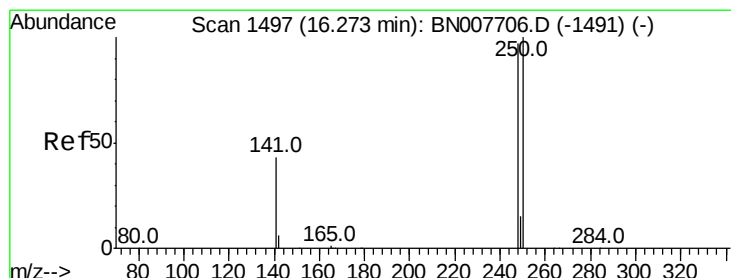
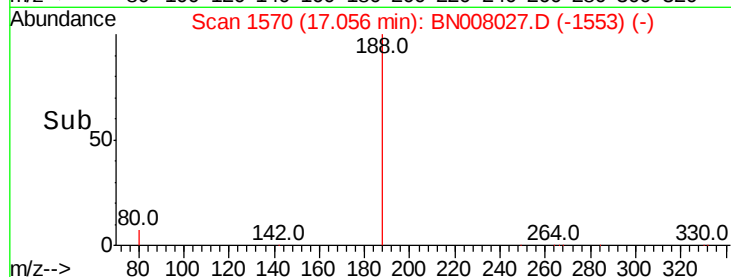
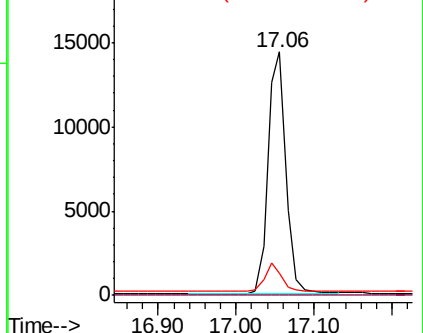
80 9.2 7.4 11.2



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: 0.282 ng

RT: 16.25 min Scan# 1494

Delta R.T. -0.03 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

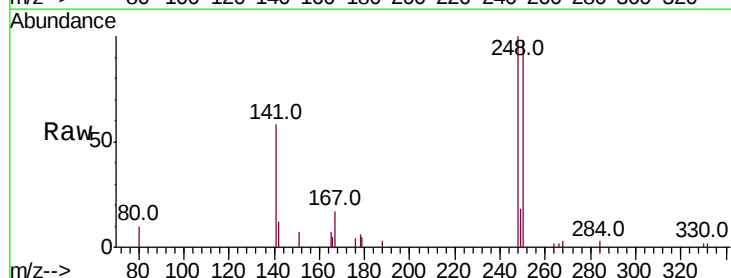
Tgt Ion:248 Resp: 3987

Ion Ratio Lower Upper

248 100

250 98.2 82.2 123.4

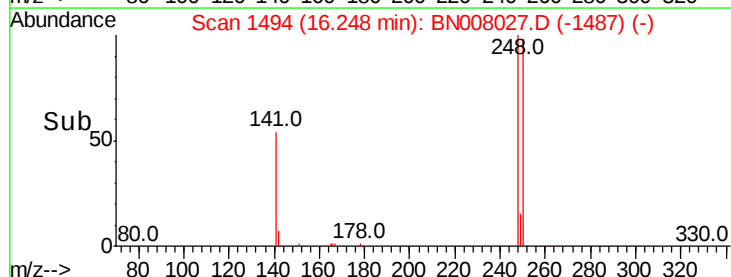
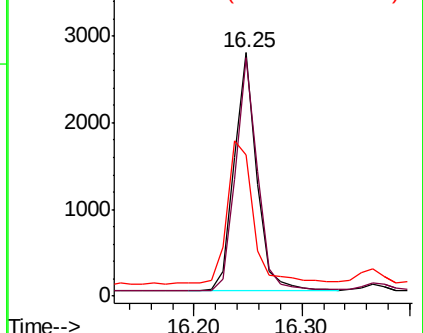
141 58.1 36.3 54.5#

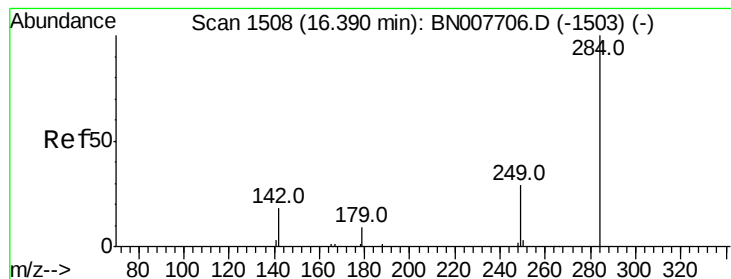


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.279 ng

RT: 16.37 min Scan# 1505

Delta R.T. -0.03 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS

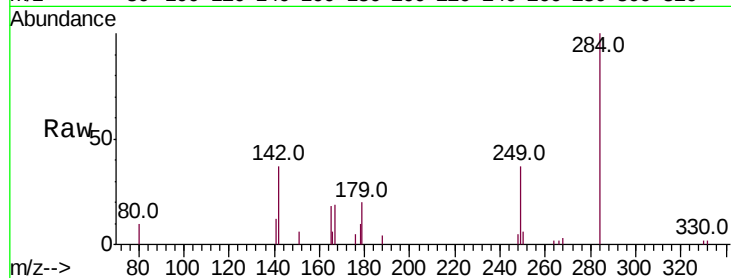
Tot Ion:284 Resp: 4302

Ion Ratio Lower Upper

284 100

142 30.5 25.8 38.6

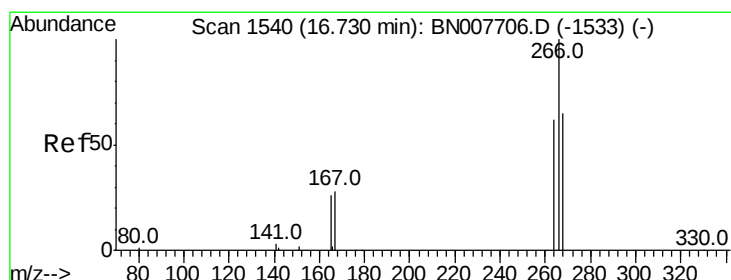
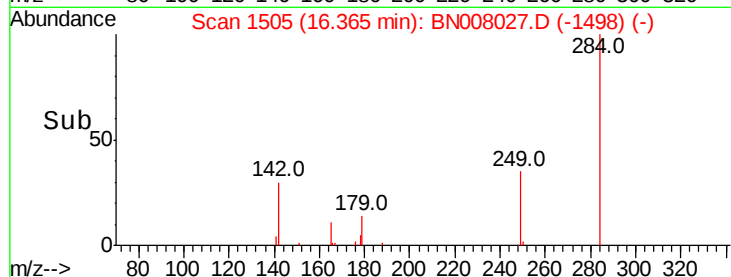
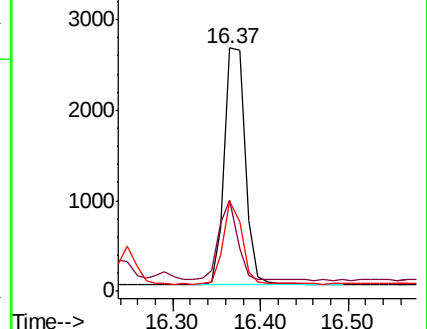
249 31.5 25.9 38.9



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: 0.296 ng

RT: 16.72 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

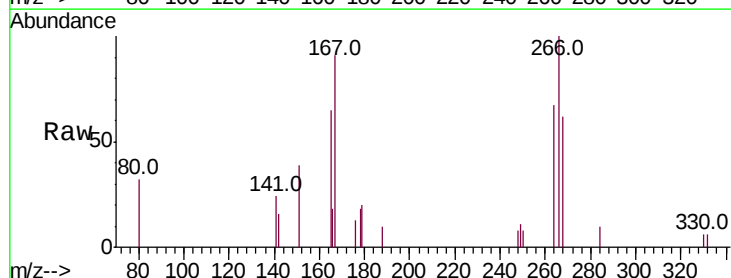
Tgt Ion:266 Resp: 1682

Ion Ratio Lower Upper

266 100

264 66.5 50.0 75.0

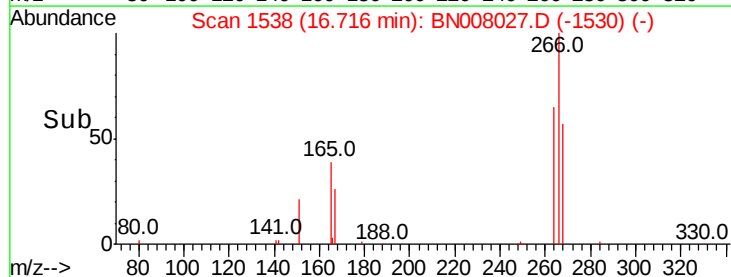
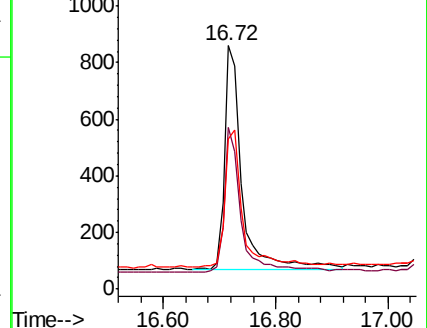
268 61.7 54.2 81.4

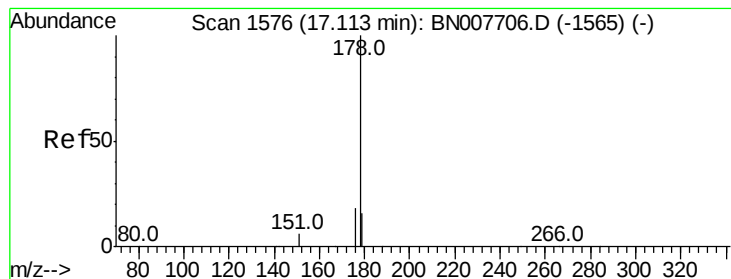


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.123 ng

RT: 17.09 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS

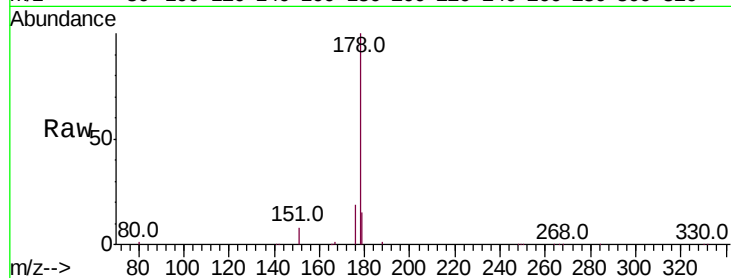
Tot Ion:178 Resp: 81379

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

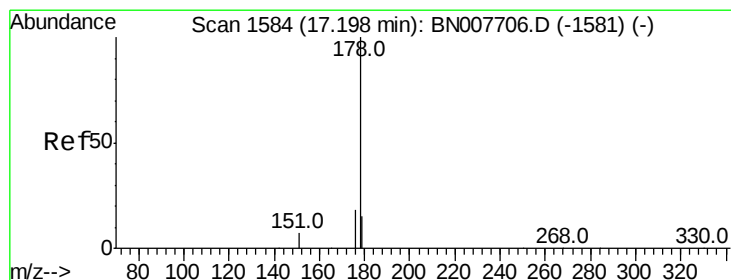
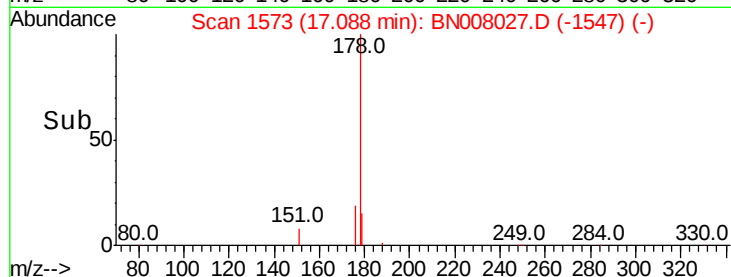
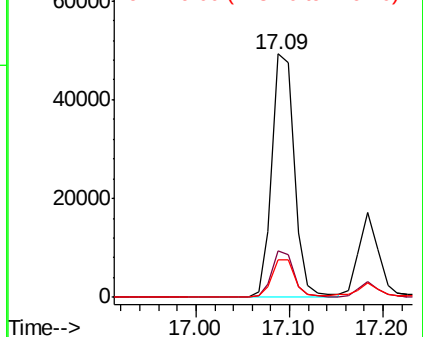
179 15.2 12.5 18.7



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: 0.388 ng

RT: 17.18 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

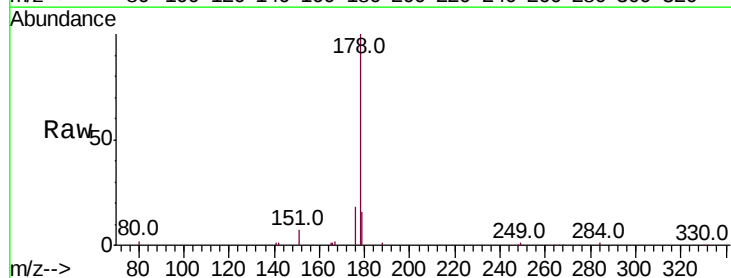
Tgt Ion:178 Resp: 25379

Ion Ratio Lower Upper

178 100

176 17.8 14.6 21.8

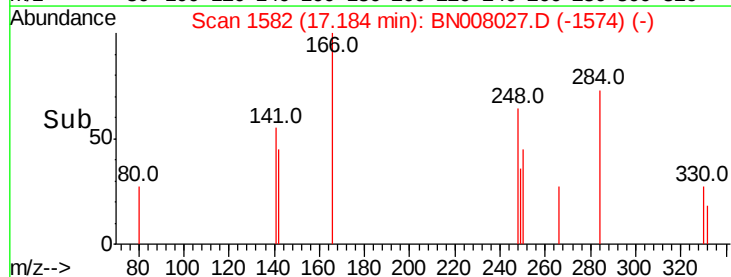
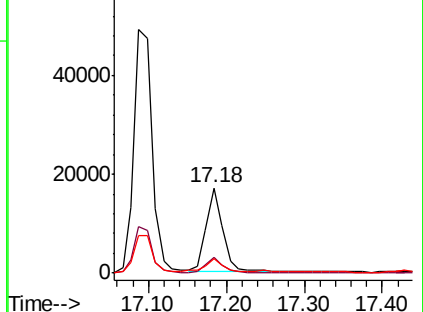
179 15.0 12.2 18.4

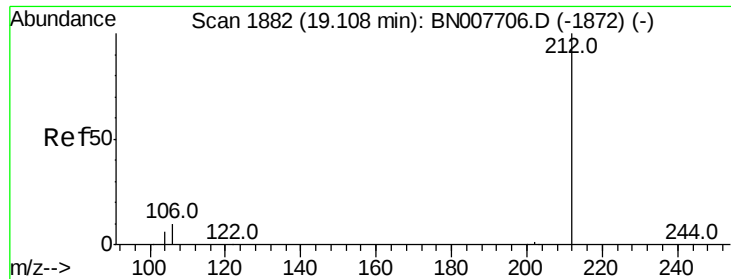


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.269 ng

RT: 19.09 min Scan# 1877

Delta R.T. -0.02 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS

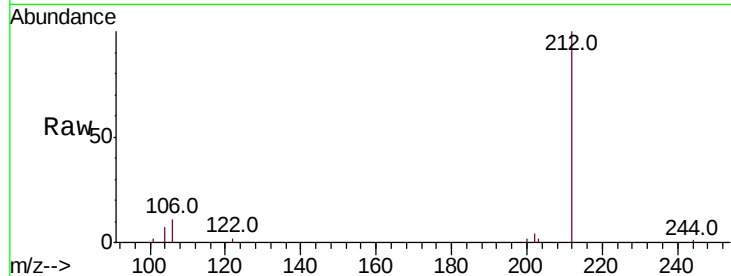
Tot Ion:212 Resp: 21063

Ion Ratio Lower Upper

212 100

106 11.3 9.4 14.0

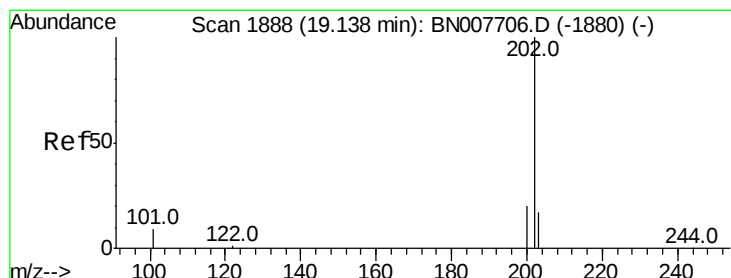
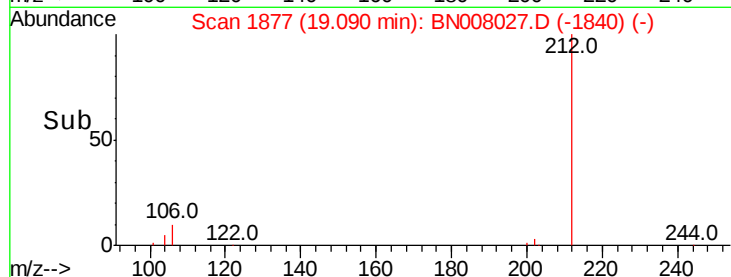
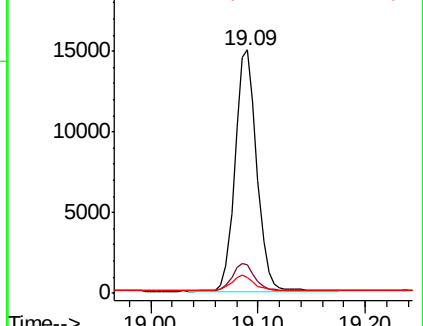
104 6.4 5.3 7.9



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: 1.625 ng

RT: 19.12 min Scan# 1883

Delta R.T. -0.02 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

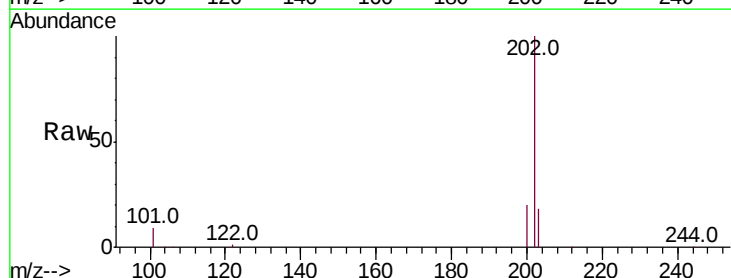
Tgt Ion:202 Resp: 146359

Ion Ratio Lower Upper

202 100

101 10.1 8.4 12.6

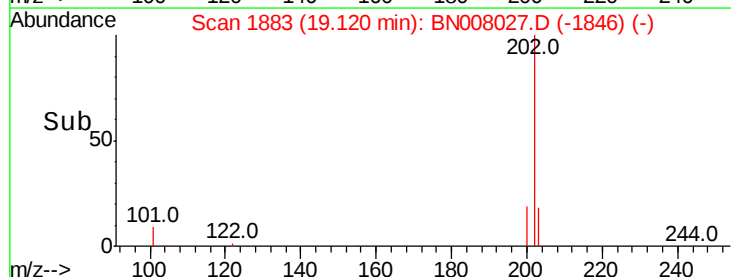
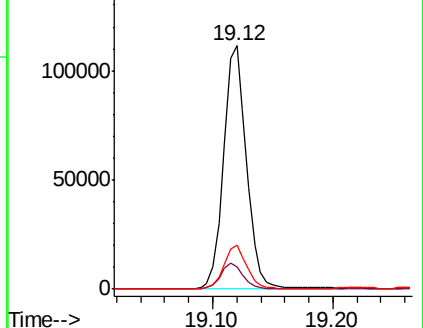
203 17.4 13.8 20.8

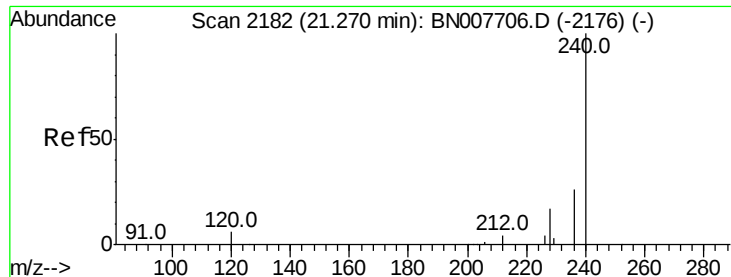


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

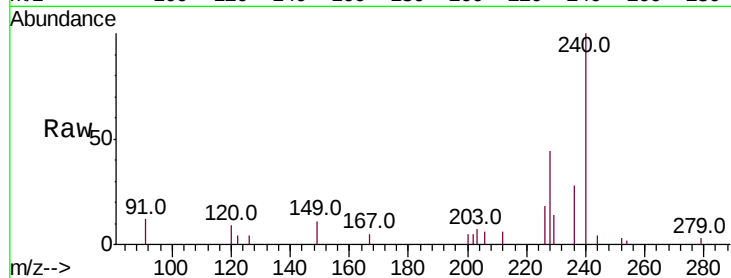




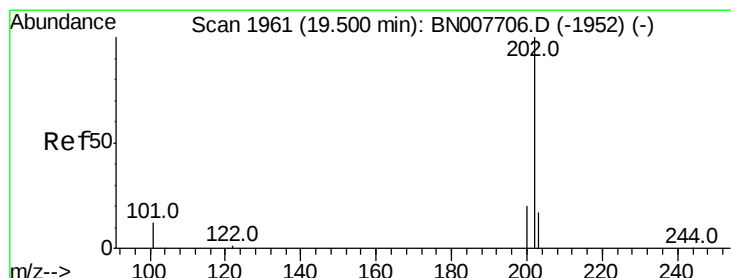
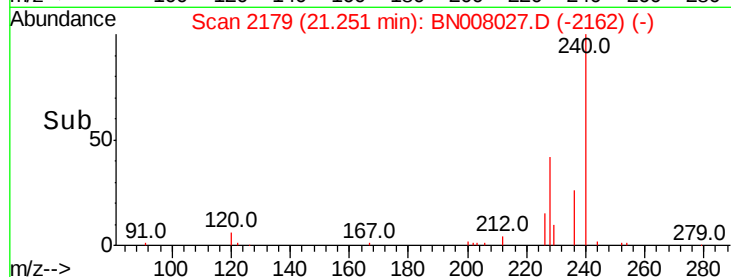
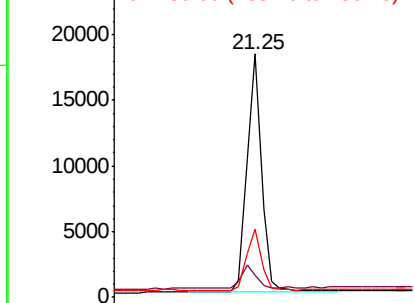
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Tot Ion:240 Resp: 23995
Ion Ratio Lower Upper
240 100
120 9.1 5.4 8.2#
236 28.2 21.0 31.4

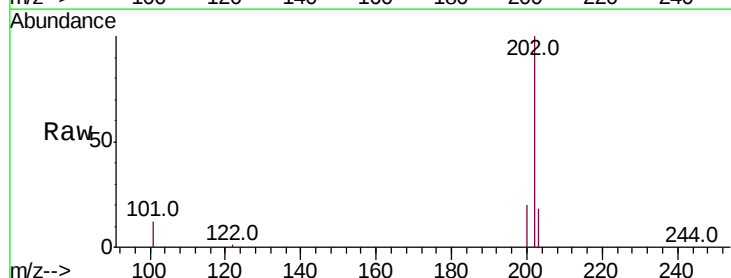


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

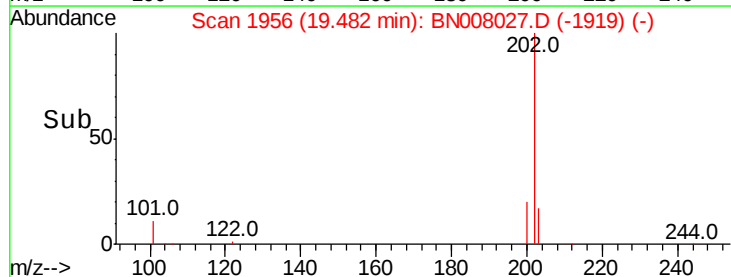
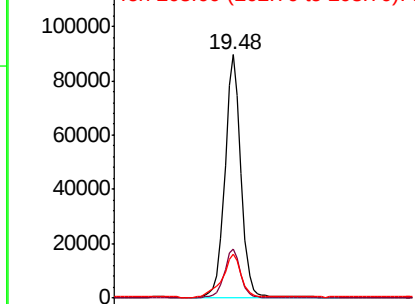


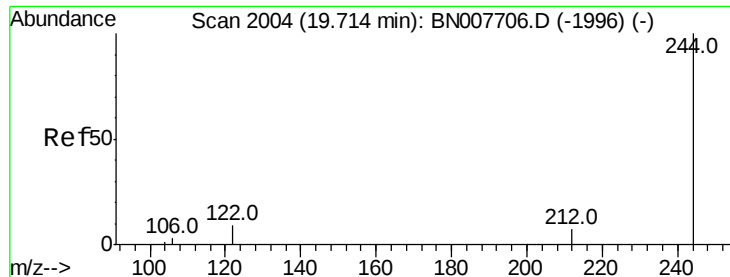
#28
Pyrene
Concen: 1.493 ng
RT: 19.48 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BN008027.D
Acq: 05 Oct 2019 15:52

Tgt Ion:202 Resp: 122162
Ion Ratio Lower Upper
202 100
200 20.5 16.4 24.6
203 20.5 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: 0.302 ng

RT: 19.69 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS

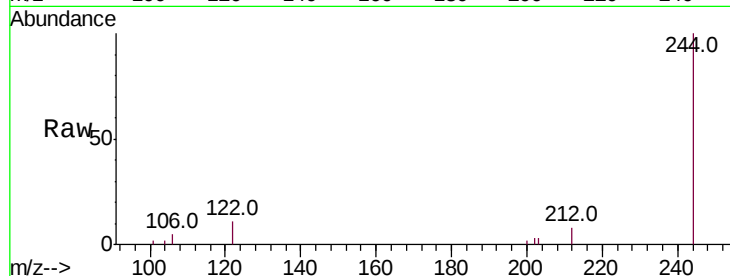
Tot Ion:244 Resp: 17819

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

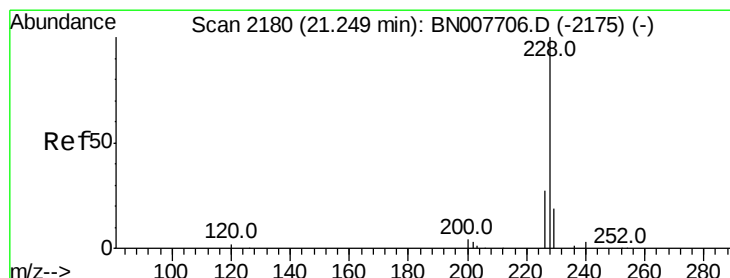
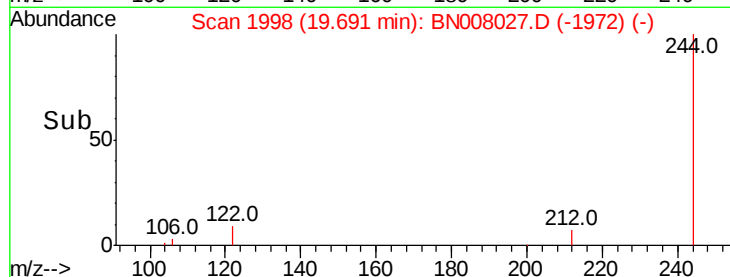
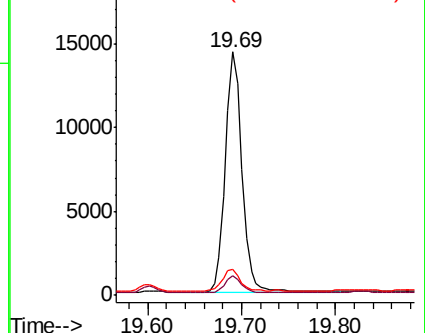
122 10.8 7.4 11.2



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: 0.759 ng

RT: 21.23 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

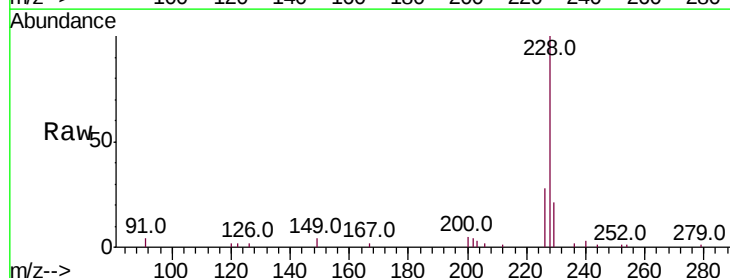
Tgt Ion:228 Resp: 67079

Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

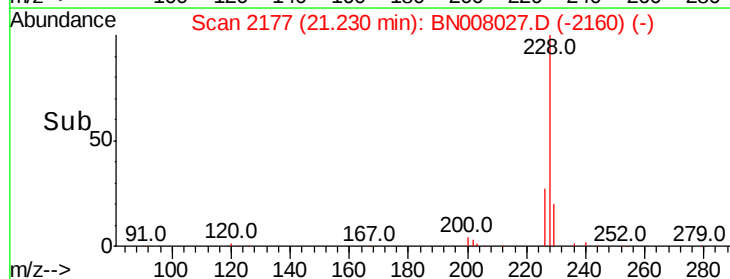
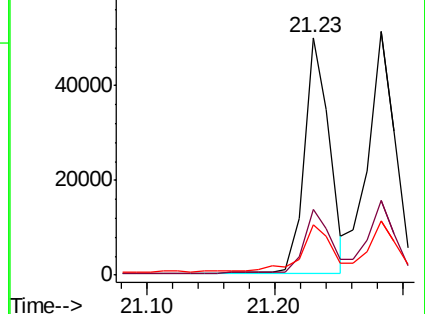
229 21.0 15.8 23.6

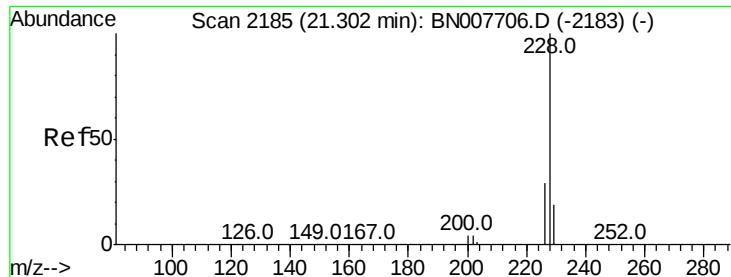


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.863 ng

RT: 21.28 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

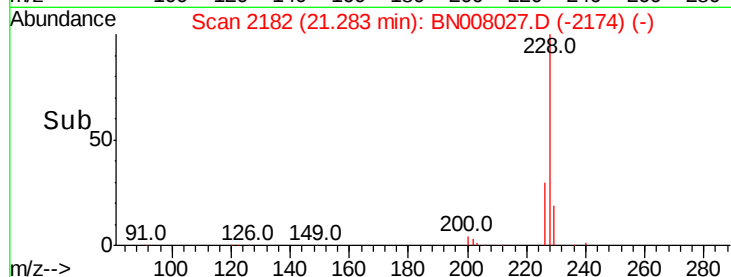
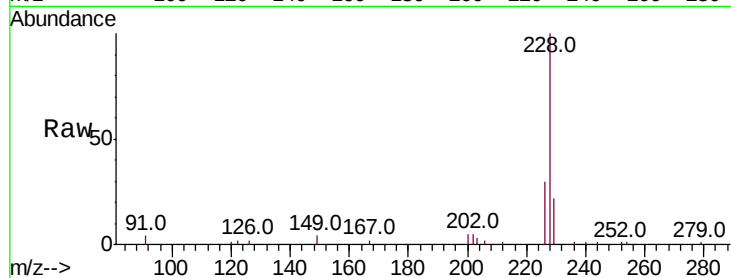
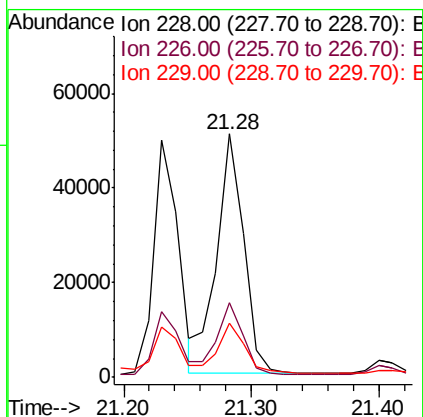
BNA_N

ClientSampleId :

PST-024-SW134-092519MS

Tot Ion:228 Resp: 74333

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.9	35.9
229	22.0	15.8	23.6



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.762 ng

RT: 21.18 min Scan# 2172

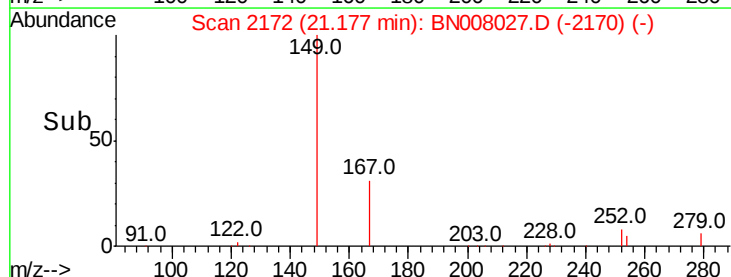
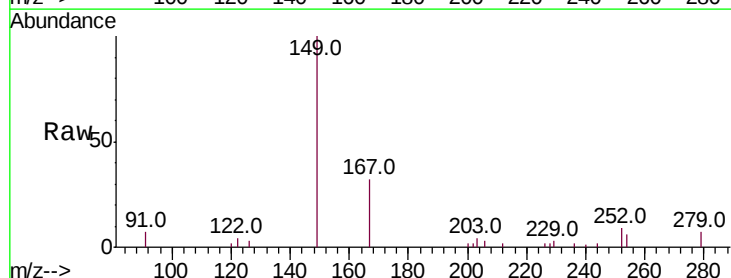
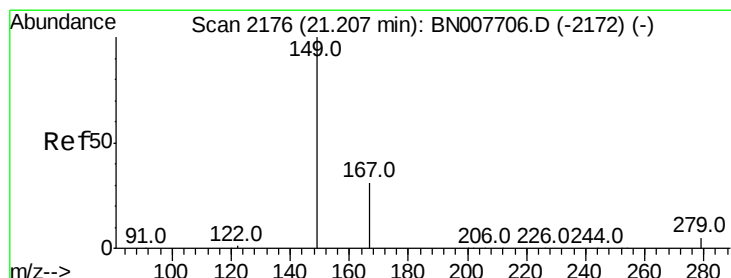
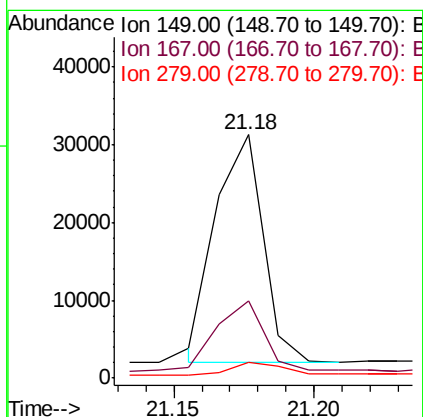
Delta R.T. -0.03 min

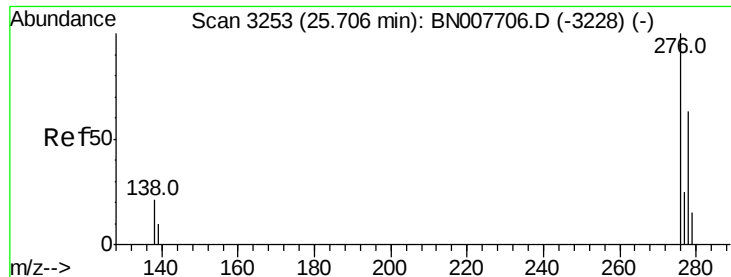
Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Tgt Ion:149 Resp: 34622

Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.7	35.5
279	5.6	4.2	6.2





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.558 ng

RT: 25.67 min Scan# 3242

Delta R.T. -0.03 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS

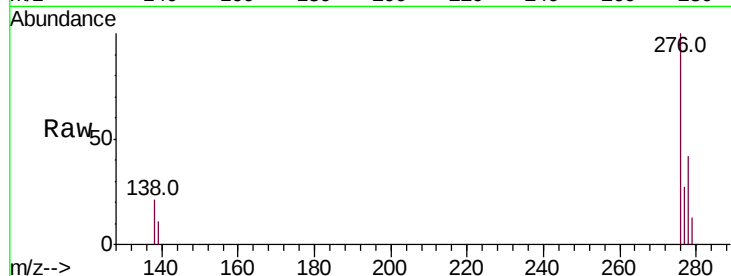
Tot Ion:276 Resp: 60166

Ion Ratio Lower Upper

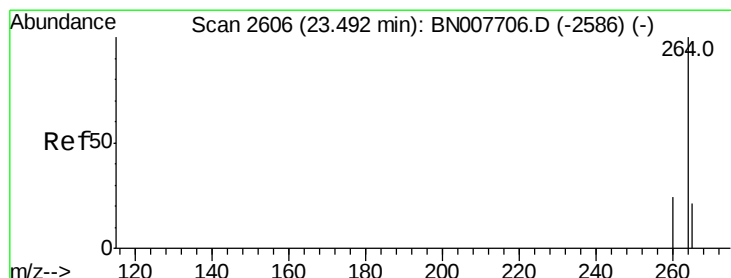
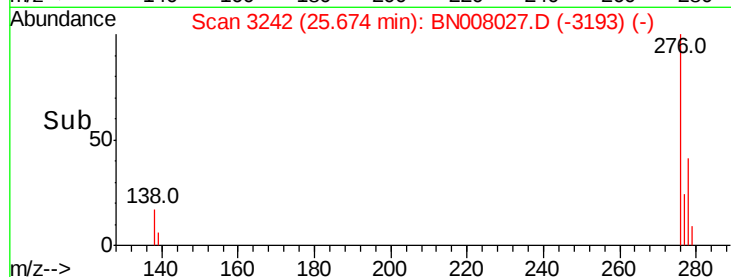
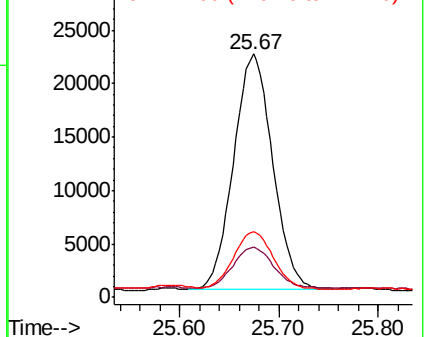
276 100

138 18.0 17.1 25.7

277 24.9 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: 23.46 min Scan# 2596

Delta R.T. -0.03 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

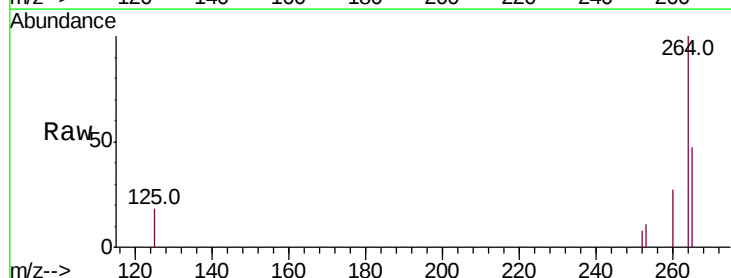
Tgt Ion:264 Resp: 26342

Ion Ratio Lower Upper

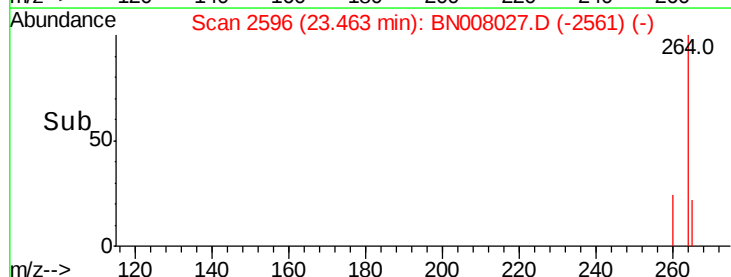
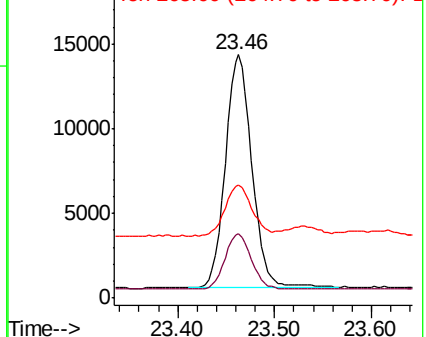
264 100

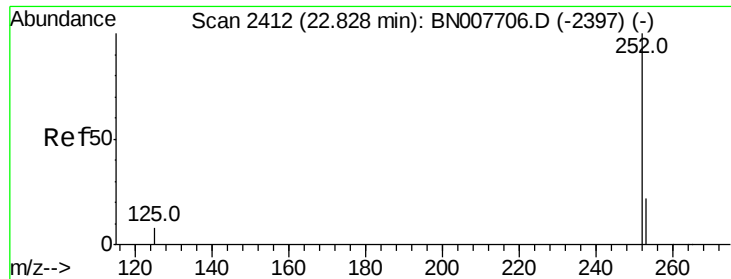
260 26.6 19.3 28.9

265 46.7 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: 0.989 ng

RT: 22.80 min Scan# 2403

Delta R.T. -0.03 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS

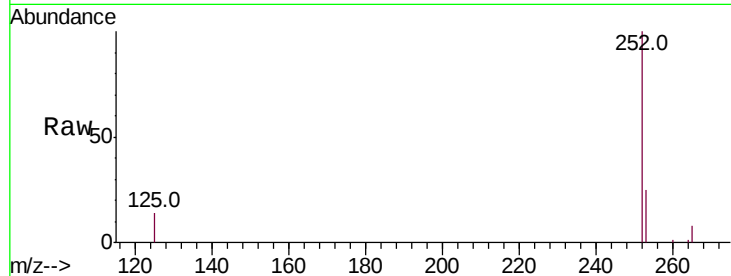
Tot Ion:252 Resp: 90480

Ion Ratio Lower Upper

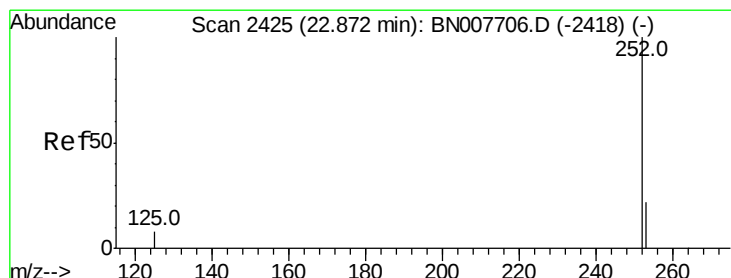
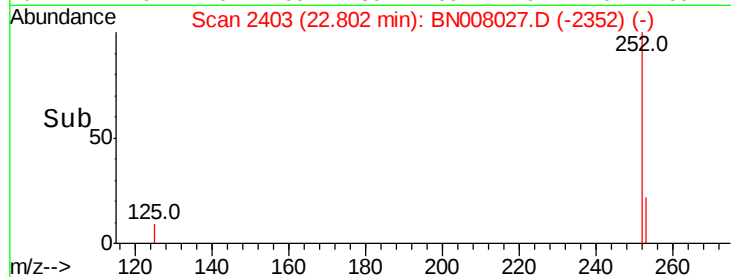
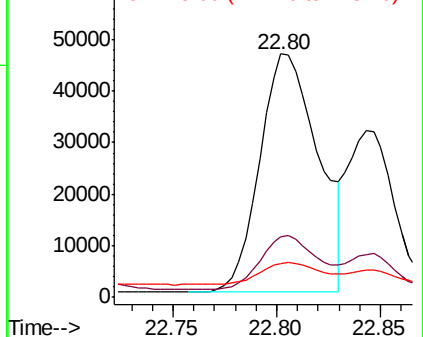
252 100

253 24.7 18.3 27.5

125 14.1 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: 0.549 ng

RT: 22.84 min Scan# 2415

Delta R.T. -0.03 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

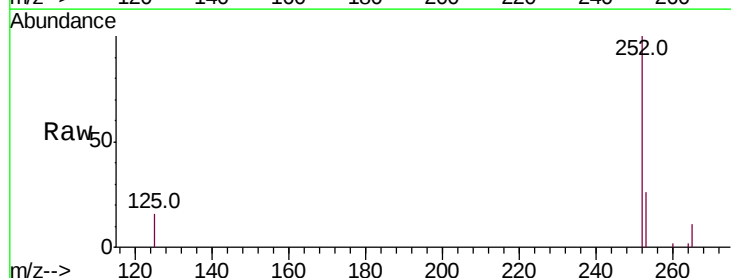
Tgt Ion:252 Resp: 49691

Ion Ratio Lower Upper

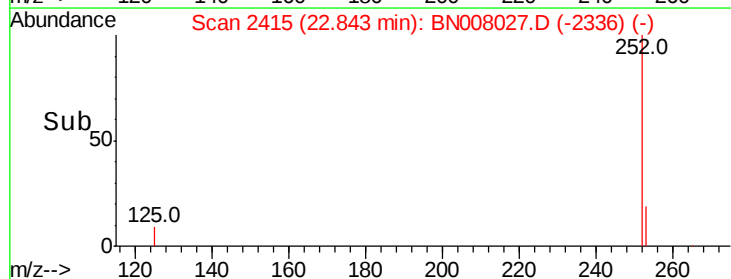
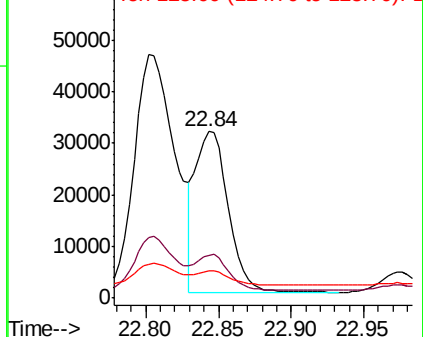
252 100

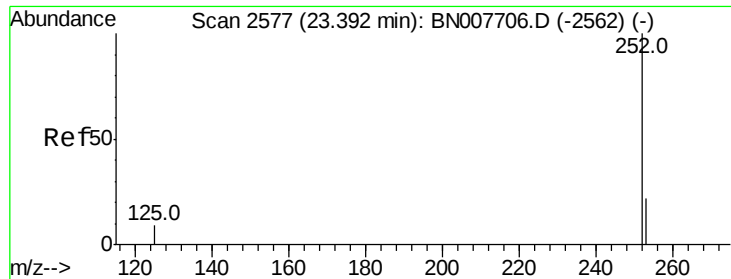
253 25.6 18.5 27.7

125 16.3 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: 0.770 ng

RT: 23.37 min Scan# 2568

Delta R.T. -0.03 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS

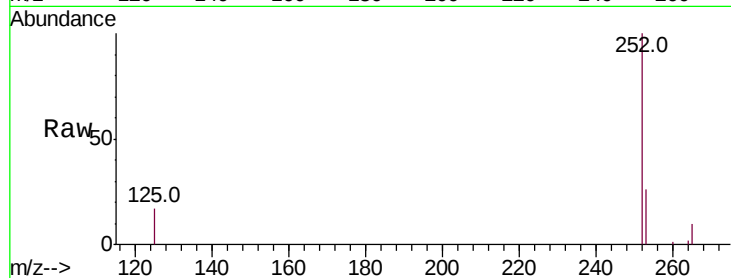
Tot Ion:252 Resp: 66214

Ion Ratio Lower Upper

252 100

253 25.9 18.6 27.8

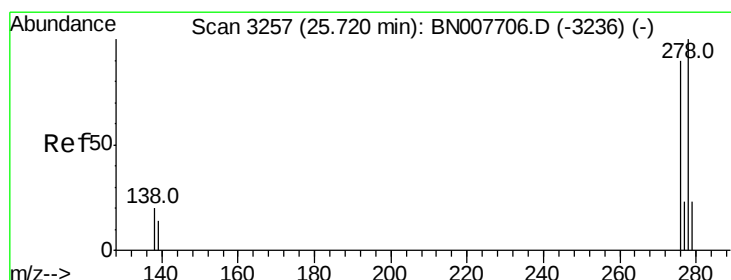
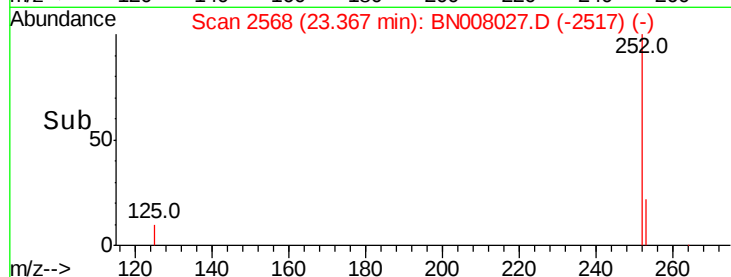
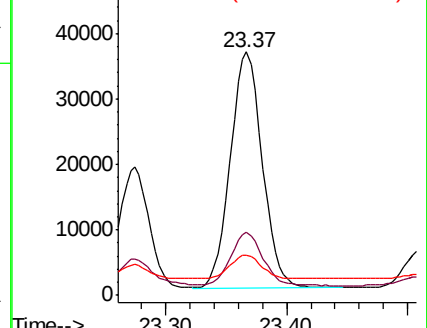
125 16.5 9.4 14.0#



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: 0.346 ng

RT: 25.68 min Scan# 3245

Delta R.T. -0.04 min

Lab File: BN008027.D

Acq: 05 Oct 2019 15:52

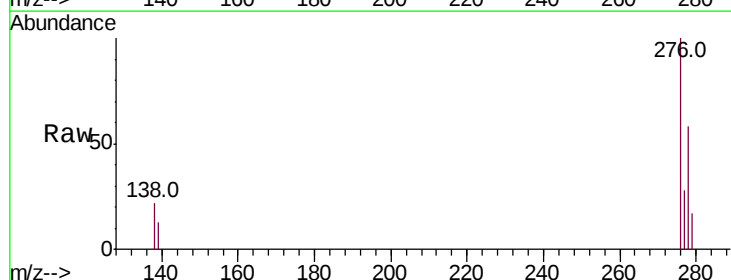
Tgt Ion:278 Resp: 30430

Ion Ratio Lower Upper

278 100

139 23.0 11.8 17.6#

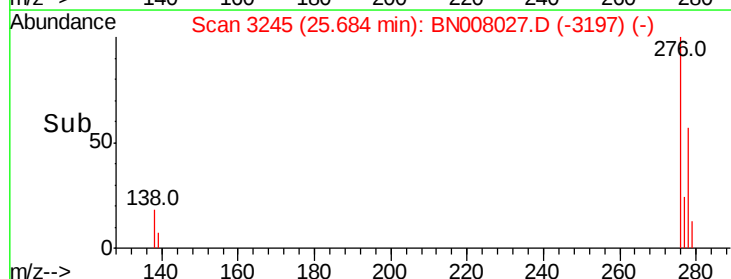
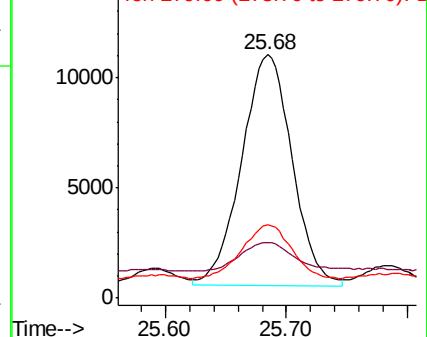
279 29.9 19.4 29.2#

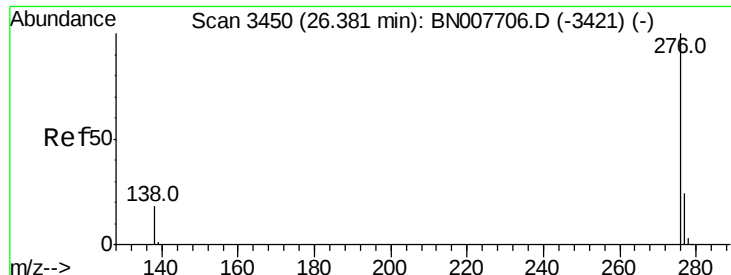


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.642 ng

RT: 26.34 min Scan# 3438

Delta R.T. -0.04 min

Lab File: BN008027.D

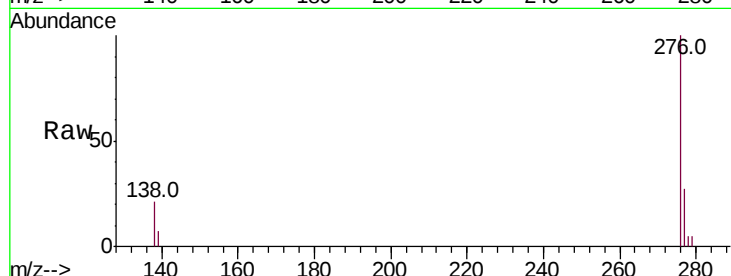
Acq: 05 Oct 2019 15:52

Instrument :

BNA_N

ClientSampleId :

PST-024-SW134-092519MS



Tot Ion: 276 Resp: 55851

Ion Ratio Lower Upper

276 100

277 26.7 19.8 29.8

138 20.7 15.1 22.7

