

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032319\
 Data File : BN004930.D
 Acq On : 23 Mar 2019 20:50
 Operator : JU/SJ
 Sample : K1948-MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-025-SW046-031319MSD

Quant Time: Mar 24 01:02:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 16:06:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	1870	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	7713	0.40	ng	-0.03
13) Acenaphthene-d10	14.33	164	4149	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	9691	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	13724	0.40	ng	-0.01
34) Perylene-d12	23.53	264	16434	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.28	112	2331	0.46	ng	0.00
5) Phenol-d6	6.86	99	2927	0.46	ng	-0.02
8) Nitrobenzene-d5	8.84	82	2286	0.45	ng	-0.03
11) 2-Methylnaphthalene-d10	12.06	152	4946	0.37	ng	-0.01
14) 2,4,6-Tribromophenol	15.84	330	1085	0.38	ng	-0.01
15) 2-Fluorobiphenyl	12.95	172	6680	0.39	ng	-0.01
25) Fluoranthene-d10	19.12	212	12726	0.39	ng	-0.02
29) Terphenyl-d14	19.72	244	8511	0.30	ng	-0.01

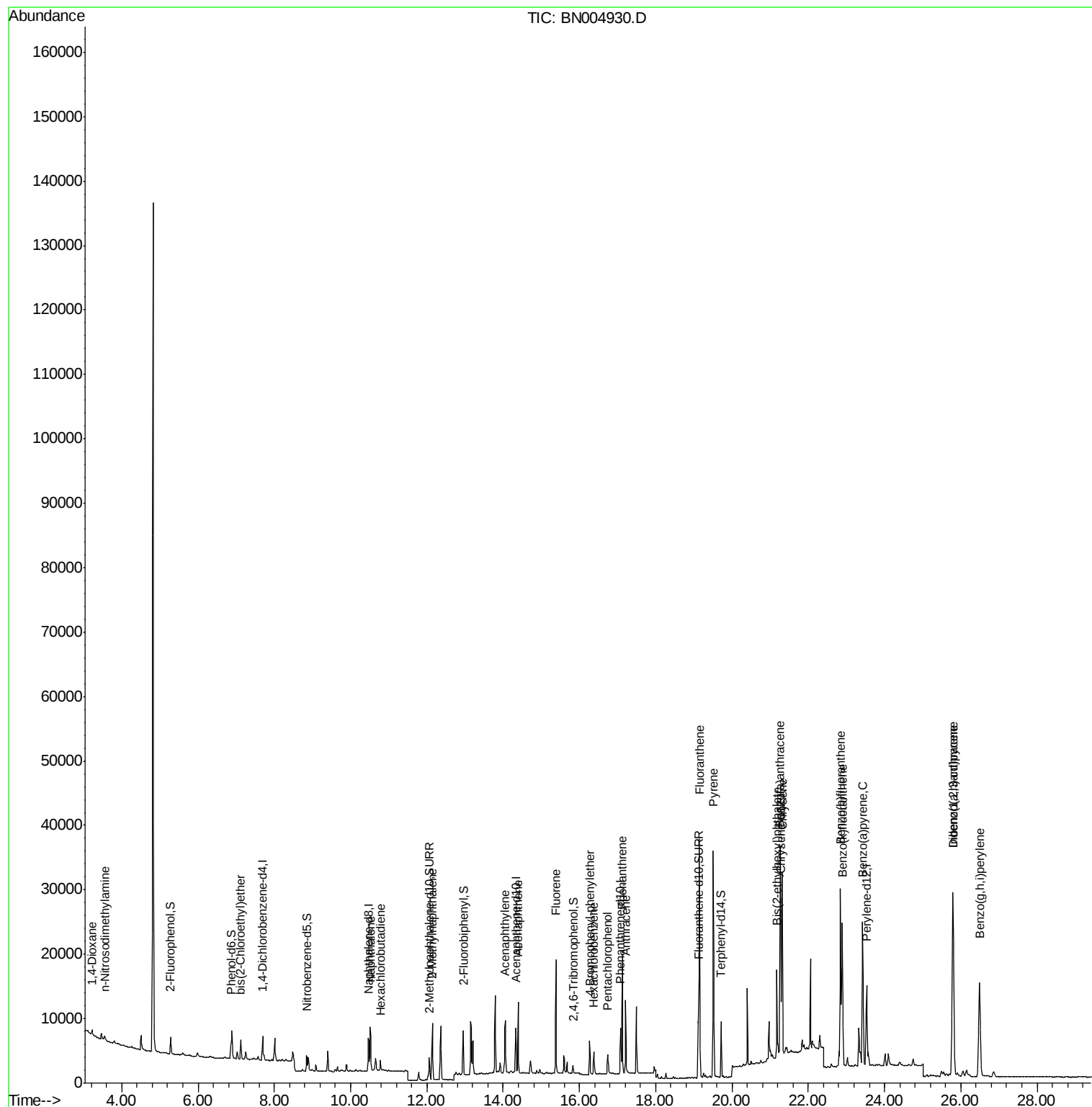
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	647	0.304	ng	# 70
3) n-Nitrosodimethylamine	3.55	42	562	0.447	ng	# 86
6) bis(2-Chloroethyl)ether	7.12	93	2444	0.428	ng	99
9) Naphthalene	10.52	128	9257	0.428	ng	100
10) Hexachlorobutadiene	10.79	225	1507	0.365	ng	# 99
12) 2-Methylnaphthalene	12.14	142	6376	0.397	ng	99
16) Acenaphthylene	14.05	152	9861	0.461	ng	100
17) Acenaphthene	14.39	154	5762	0.412	ng	99
18) Fluorene	15.38	166	7726	0.395	ng	99
20) 4-Bromophenyl-phenylether	16.27	248	2467	0.390	ng	96
21) Hexachlorobenzene	16.38	284	2633	0.363	ng	94
22) Pentachlorophenol	16.74	266	1829	1.291	ng	96
23) Phenanthrene	17.12	178	18046	0.577	ng	99
24) Anthracene	17.22	178	12868	0.460	ng	100
26) Fluoranthene	19.15	202	32623	0.811	ng	99
28) Pyrene	19.51	202	32041	0.766	ng	97
30) Benzo(a)anthracene	21.26	228	27937	0.621	ng	98
31) Chrysene	21.32	228	28004	0.591	ng	99
32) Bis(2-ethylhexyl)phthalate	21.17	149	13639	0.758	ng	99
33) Indeno(1,2,3-cd)pyrene	25.79	276	34761	0.507	ng	98
35) Benzo(b)fluoranthene	22.85	252	36558	0.615	ng	# 96
36) Benzo(k)fluoranthene	22.89	252	27955	0.478	ng	# 96
37) Benzo(a)pyrene	23.43	252	31695	0.581	ng	# 97
38) Dibenzo(a,h)anthracene	25.80	278	23902	0.378	ng	# 95
39) Benzo(g,h,i)perylene	26.49	276	30992	0.482	ng	97

(#) = 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# 579

Delta R.T. -0.01 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

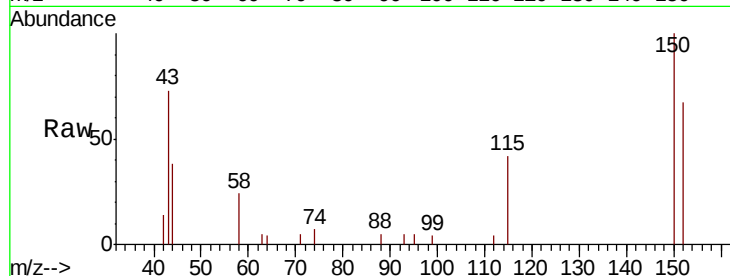
Tgt Ion: 152 Resp: 1870

Ion Ratio Lower Upper

152 100

150 148.9 126.2 189.4

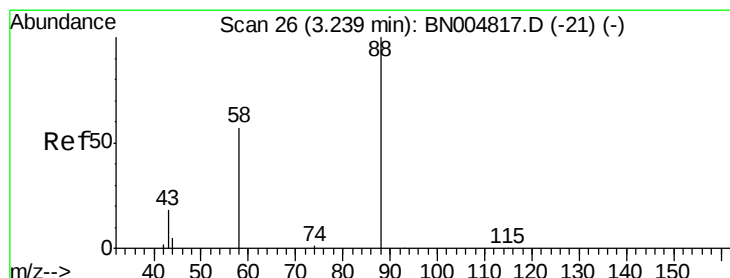
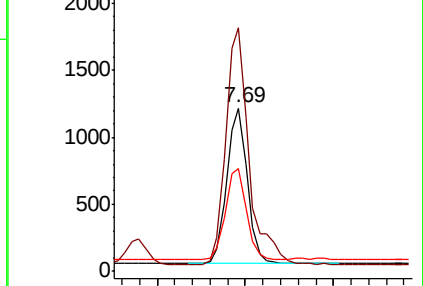
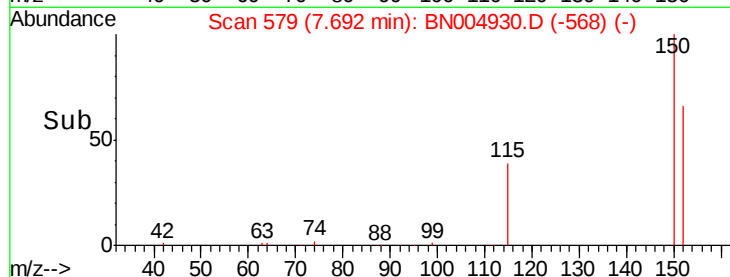
115 63.2 52.6 79.0



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: 0.304 ng

RT: 3.22 min Scan# 24

Delta R.T. -0.02 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

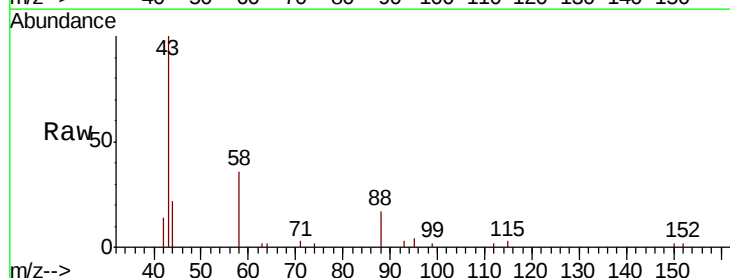
Tgt Ion: 88 Resp: 647

Ion Ratio Lower Upper

88 100

58 82.1 51.4 77.2#

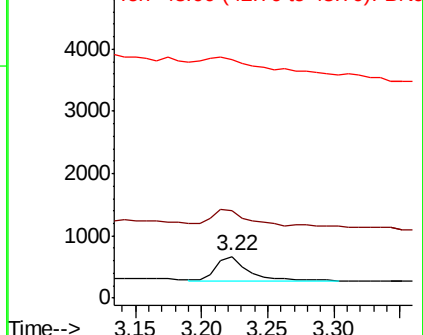
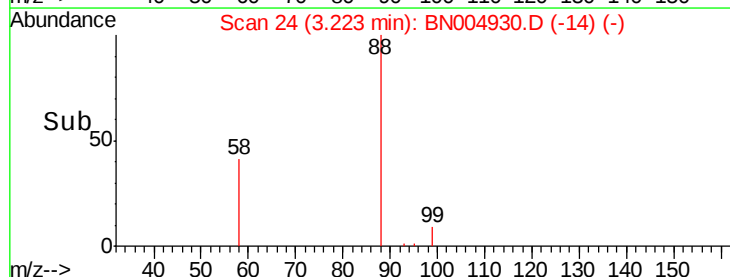
43 0.0 20.0 30.0#

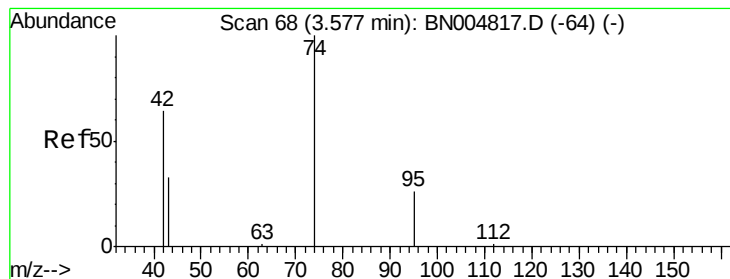


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.447 ng

RT: 3.55 min Scan# 65

Delta R.T. -0.02 min

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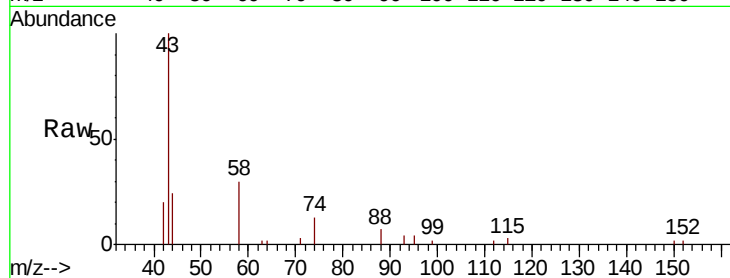
Tgt Ion: 42 Resp: 562

Ion Ratio Lower Upper

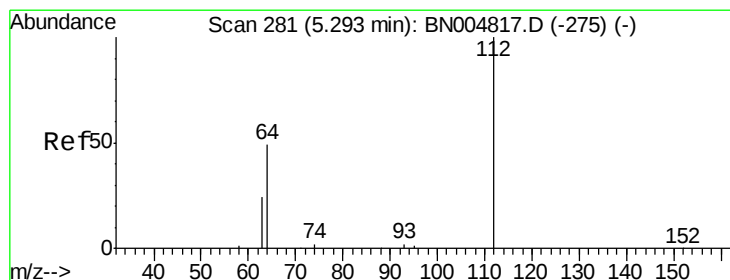
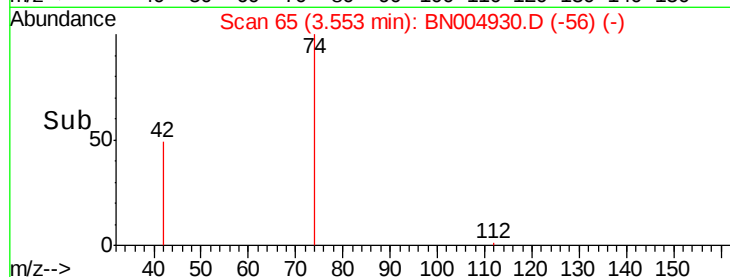
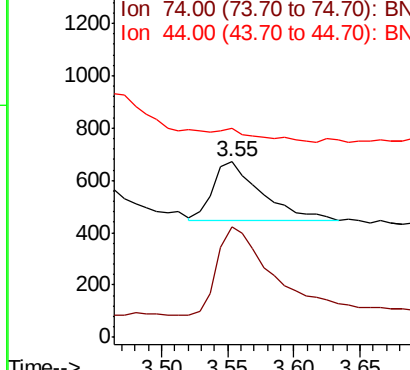
42 100

74 178.5 128.4 192.6

44 0.0 6.1 9.1#



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



#4

2-Fluorophenol

Concen: 0.459 ng

RT: 5.28 min Scan# 280

Delta R.T. -0.01 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

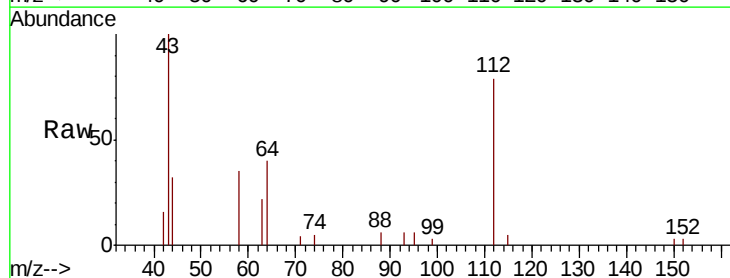
Tgt Ion: 112 Resp: 2331

Ion Ratio Lower Upper

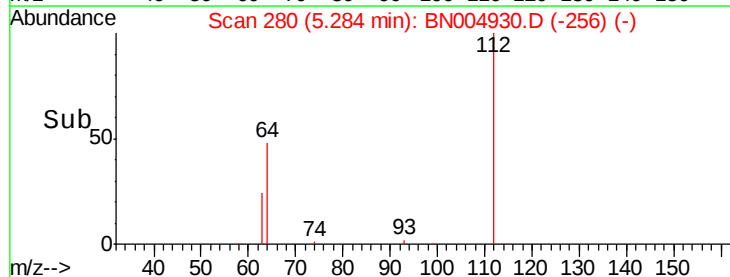
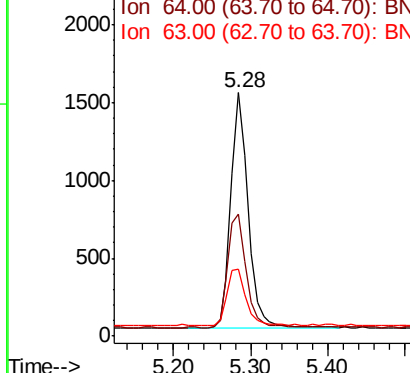
112 100

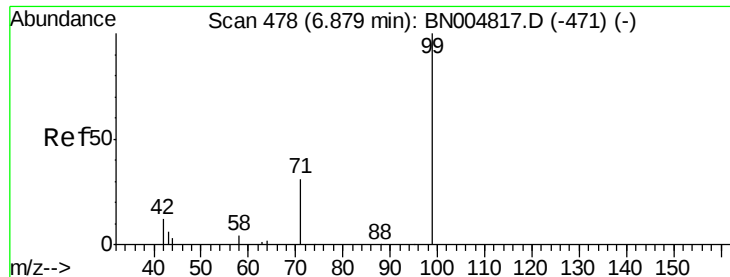
64 51.9 40.0 60.0

63 25.7 20.2 30.2



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





#5

Phenol-d6

Concen: 0.463 ng

RT: 6.86 min Scan# 476

Delta R.T. -0.02 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

Instrument :

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ClientSampleId :

PST-025-SW046-031319MSD

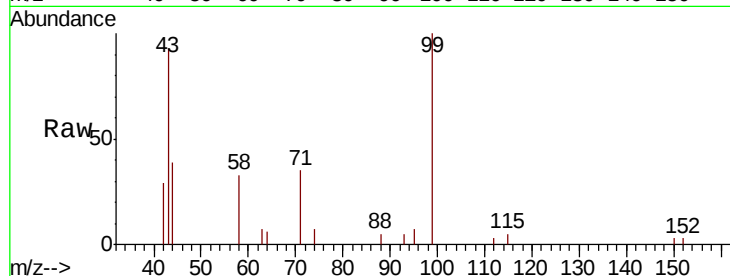
Tgt Ion: 99 Resp: 2927

Ion Ratio Lower Upper

99 100

42 22.3 12.7 19.1#

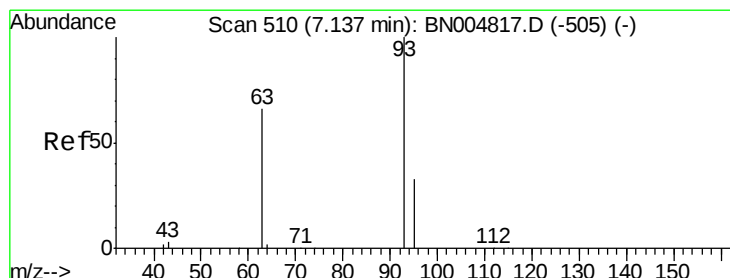
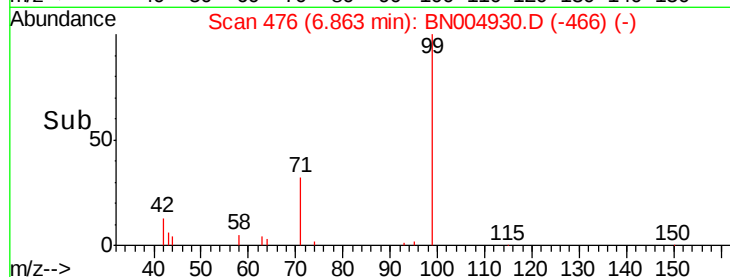
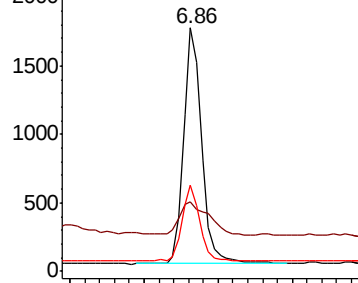
71 31.7 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN004817.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN004817.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN004817.D (-471) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.428 ng

RT: 7.12 min Scan# 508

Delta R.T. -0.02 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

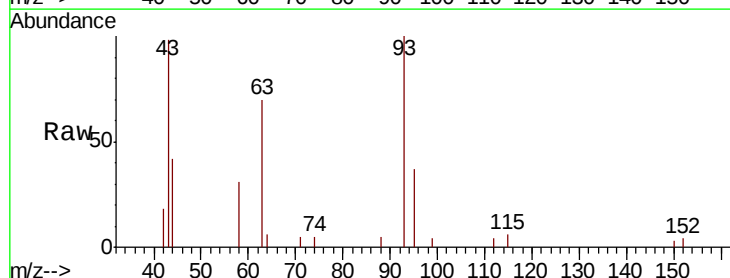
Tgt Ion: 93 Resp: 2444

Ion Ratio Lower Upper

93 100

63 67.0 52.6 78.8

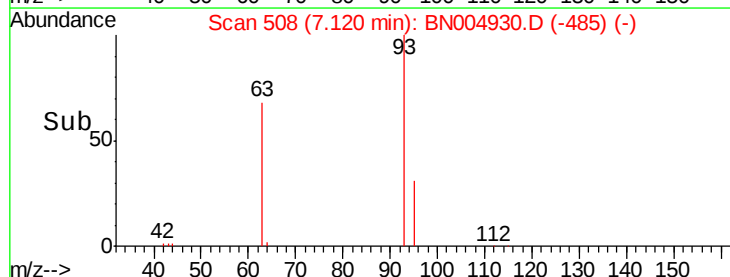
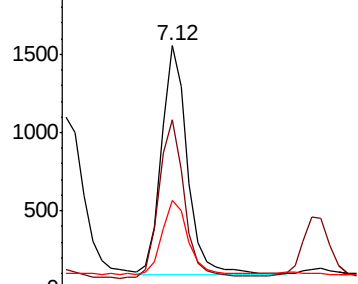
95 32.5 25.9 38.9

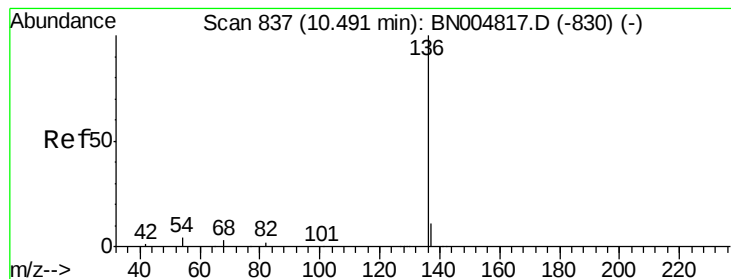


Abundance Ion 93.00 (92.70 to 93.70): BN004817.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN004817.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN004817.D (-505) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. -0.03 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

Tgt Ion:136 Resp: 7713

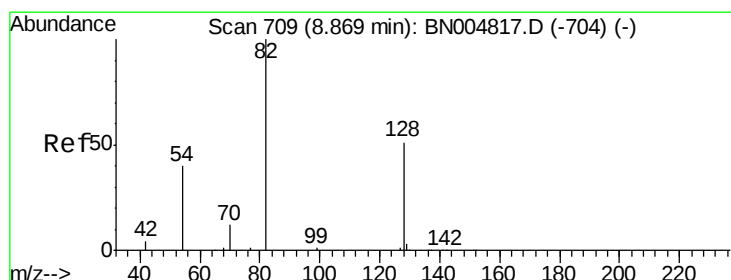
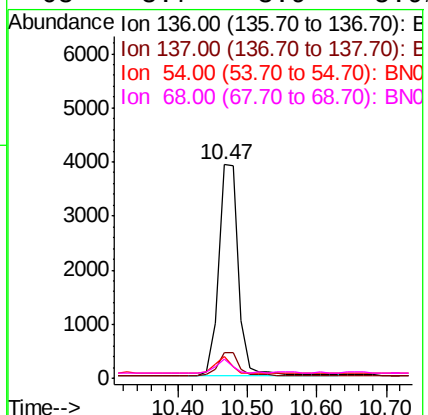
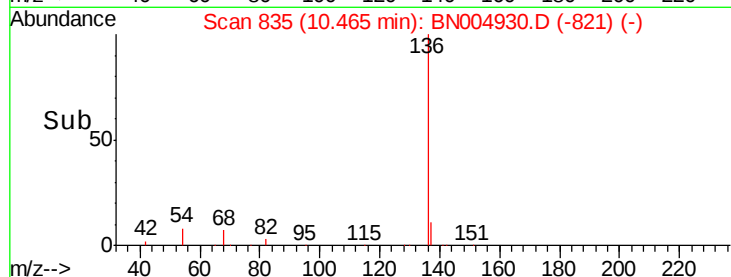
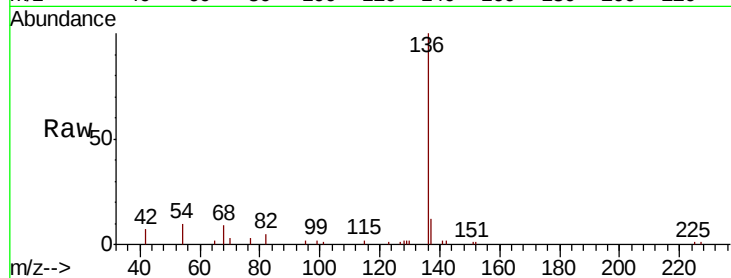
Ion Ratio Lower Upper

136 100

137 12.3 9.6 14.4

54 10.1 4.2 6.2#

68 8.7 3.9 5.9#



#8

Nitrobenzene-d5

Concen: 0.448 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.03 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

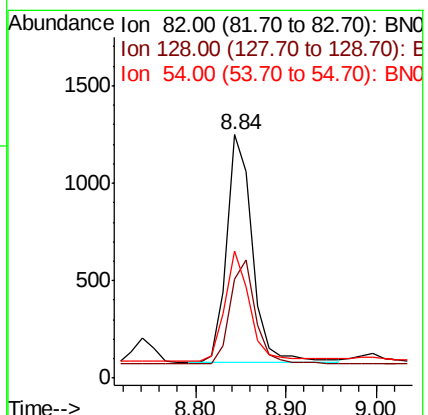
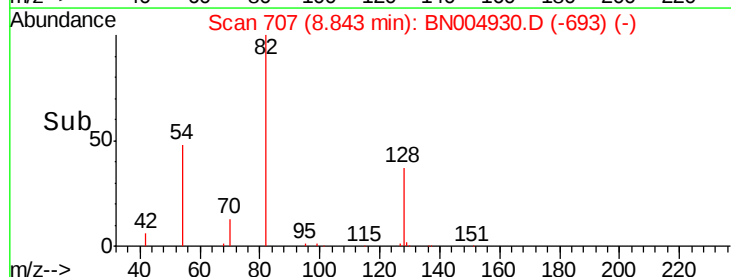
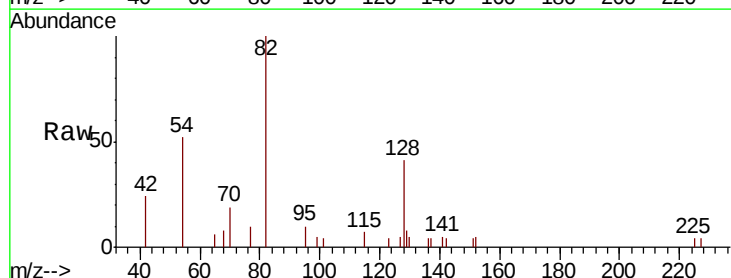
Tgt Ion: 82 Resp: 2286

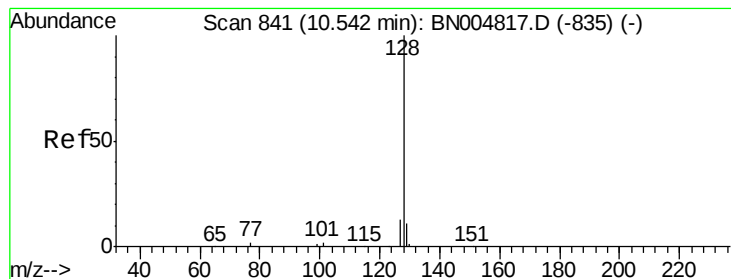
Ion Ratio Lower Upper

82 100

128 40.7 43.0 64.6#

54 52.1 35.3 52.9





#9

Naphthalene

Concen: 0.428 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.03 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

Instrument :

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ClientSampleId :

PST-025-SW046-031319MSD

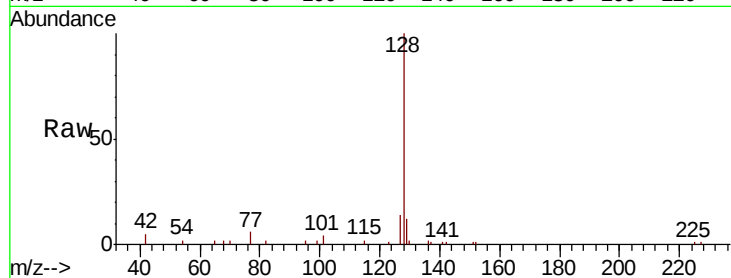
Tgt Ion:128 Resp: 9257

Ion Ratio Lower Upper

128 100

129 12.3 9.9 14.9

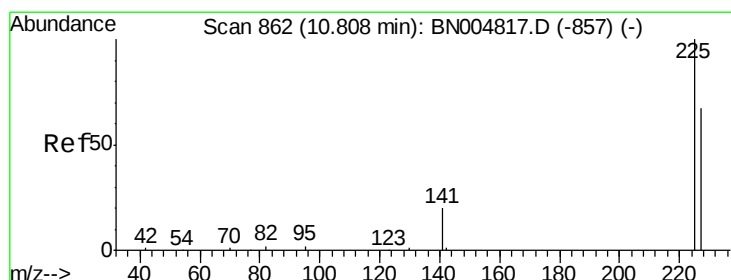
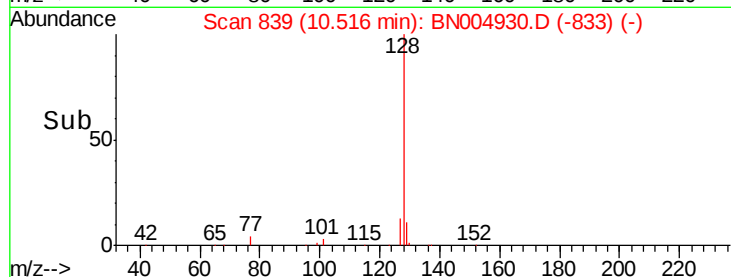
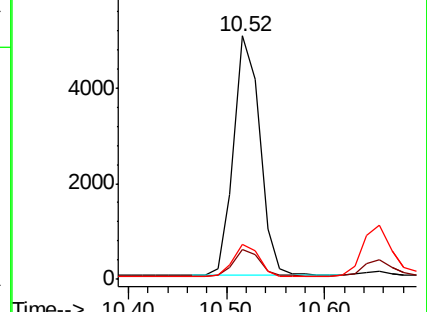
127 14.3 11.3 16.9



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: 0.365 ng

RT: 10.79 min Scan# 861

Delta R.T. -0.01 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

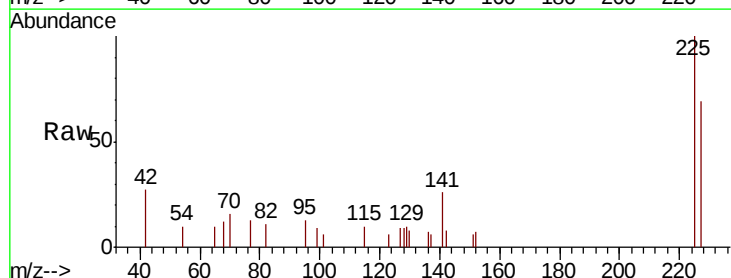
Tgt Ion:225 Resp: 1507

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

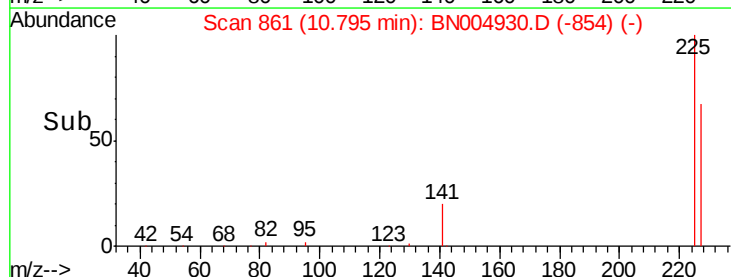
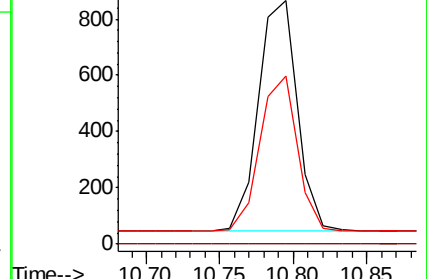
227 64.8 52.2 78.4

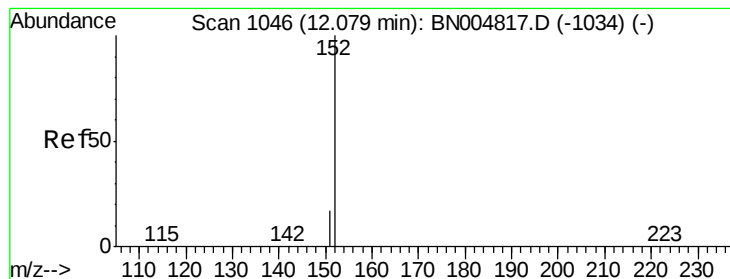


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.367 ng

RT: 12.06 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

Instrument :

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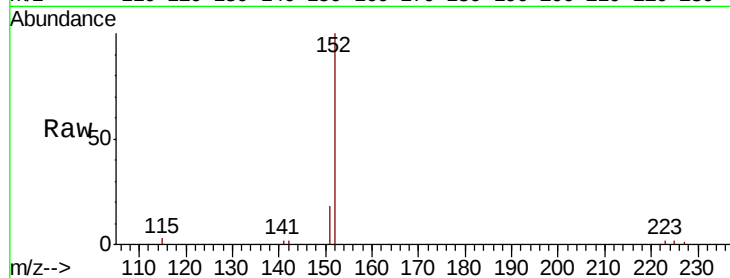
PST-025-SW046-031319MSD

Tgt Ion:152 Resp: 4946

Ion Ratio Lower Upper

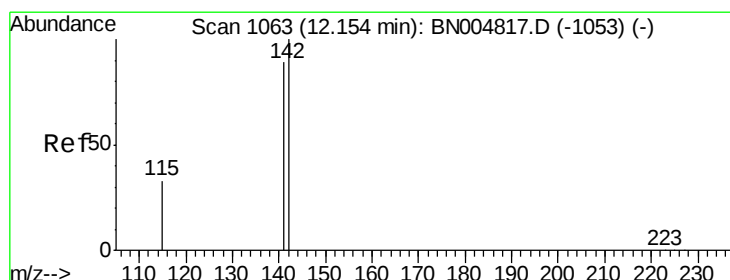
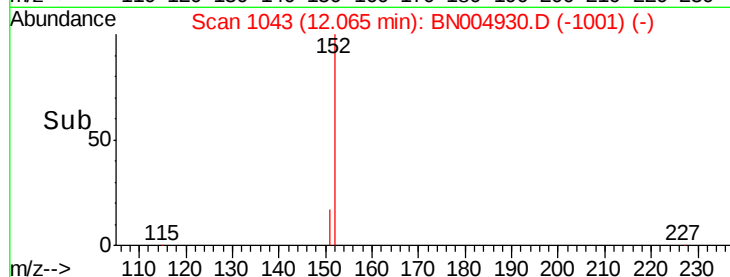
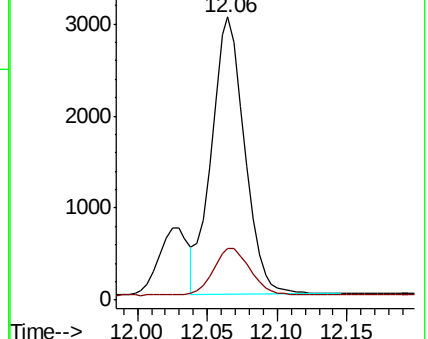
152 100

151 19.5 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.397 ng

RT: 12.14 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

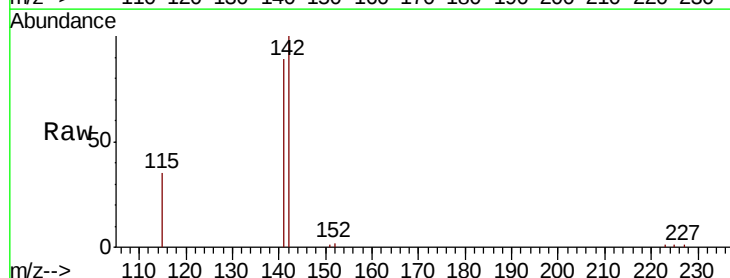
Tgt Ion:142 Resp: 6376

Ion Ratio Lower Upper

142 100

141 89.0 71.4 107.2

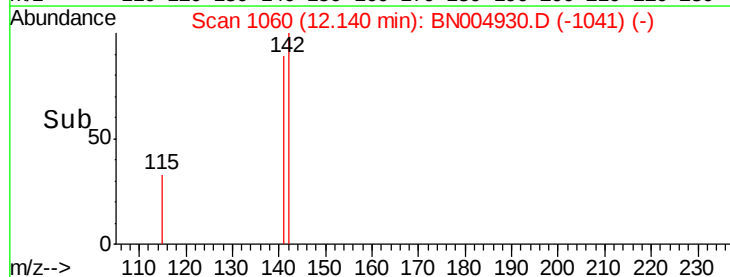
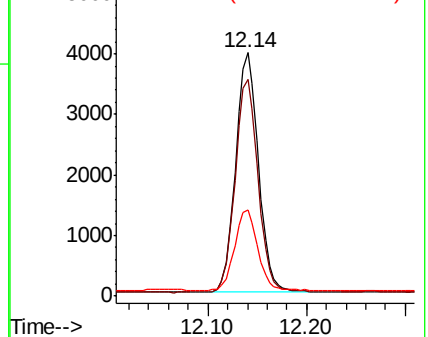
115 35.3 27.5 41.3

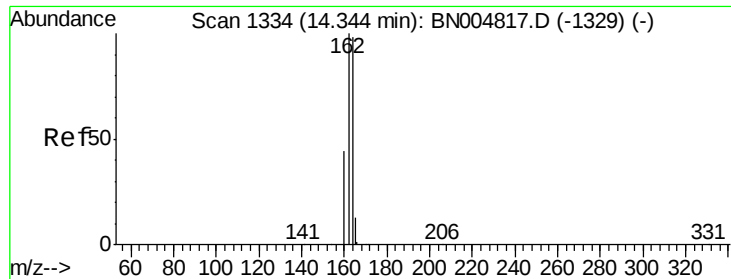


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

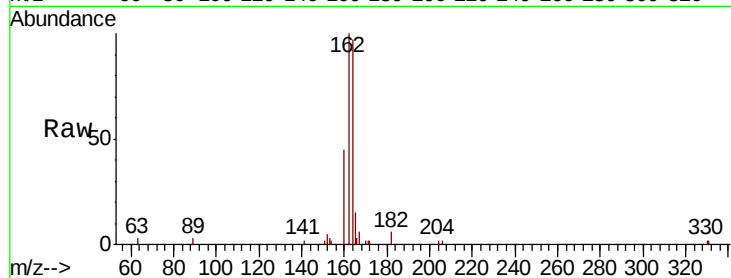
Tgt Ion:164 Resp: 4149

Ion Ratio Lower Upper

164 100

162 103.4 81.9 122.9

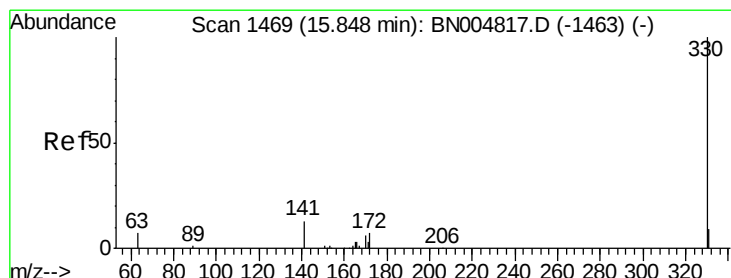
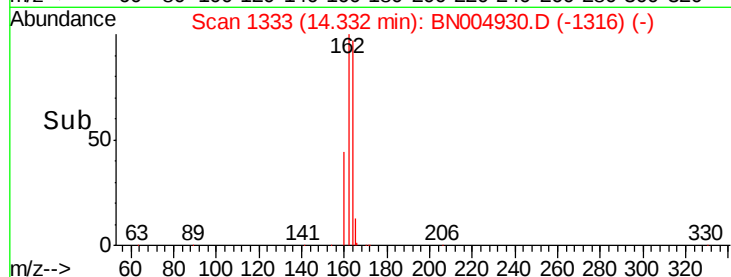
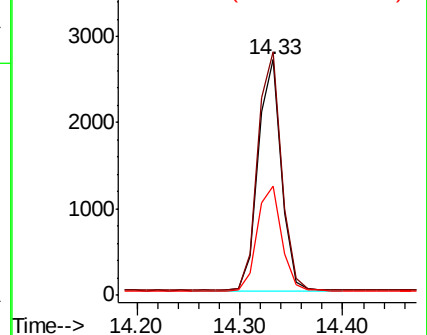
160 46.6 36.6 54.8



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: 0.379 ng

RT: 15.84 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

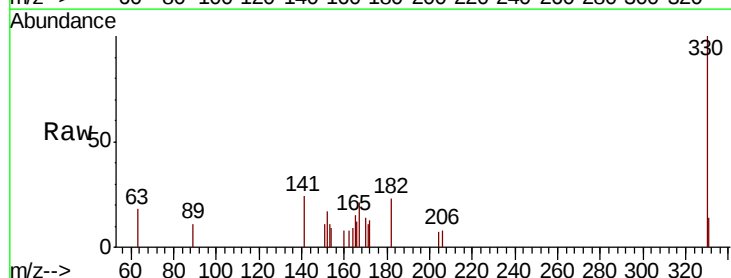
Tgt Ion:330 Resp: 1085

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

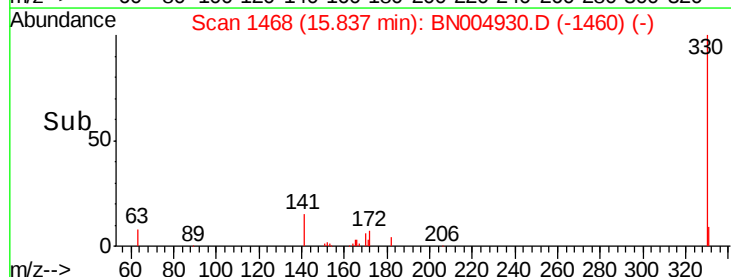
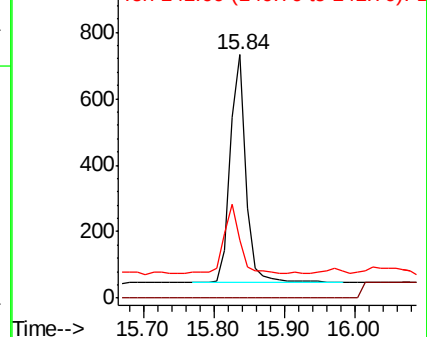
141 30.9 20.9 31.3

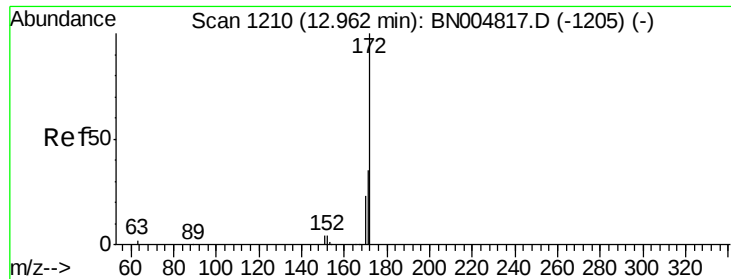


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

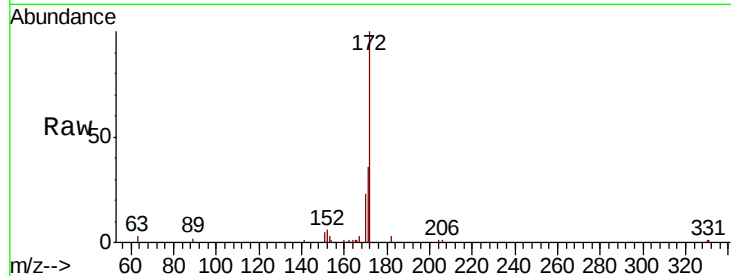




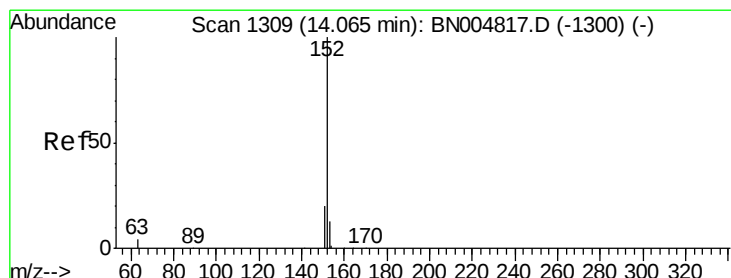
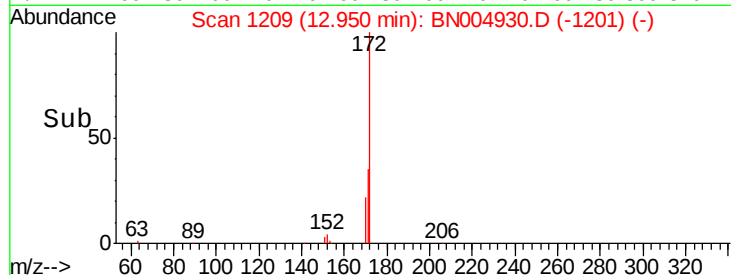
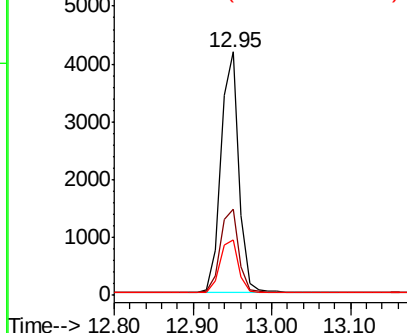
#15
 2-Fluorobiphenyl
 Concen: 0.390 ng
 RT: 12.95 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BN004930.D
 Acq: 23 Mar 2019 20:50

Instrument :
 BNA_N
 ClientSampleId :
 PST-025-SW046-031319MSD

Tgt Ion:172 Resp: 6680
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.7 43.1
 170 22.7 18.7 28.1

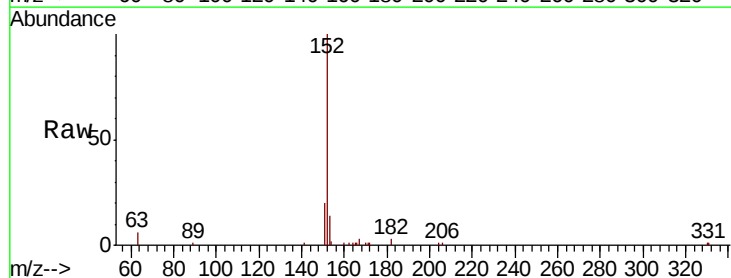


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

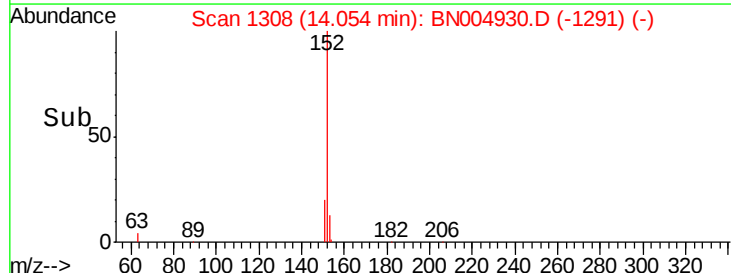
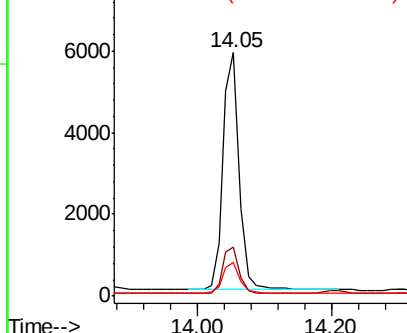


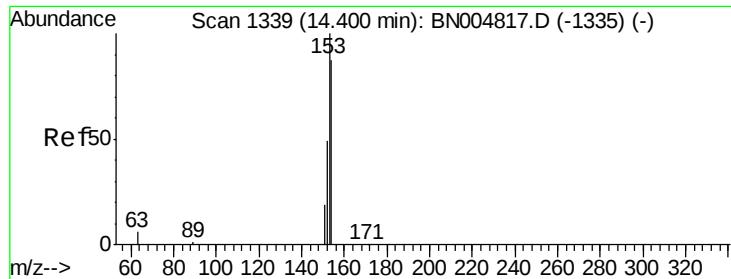
#16
 Acenaphthylene
 Concen: 0.461 ng
 RT: 14.05 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BN004930.D
 Acq: 23 Mar 2019 20:50

Tgt Ion:152 Resp: 9861
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.1 24.1
 153 13.3 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.412 ng

RT: 14.39 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

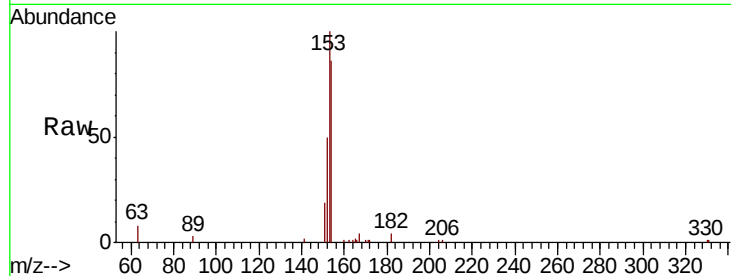
Tgt Ion:154 Resp: 5762

Ion Ratio Lower Upper

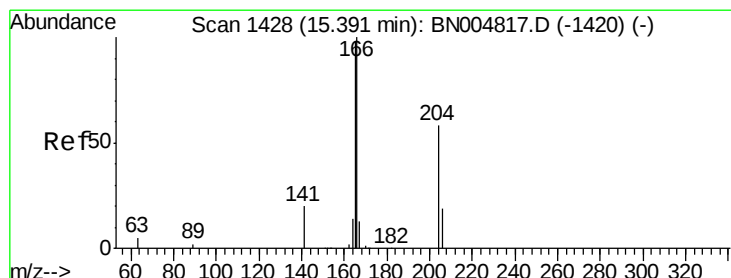
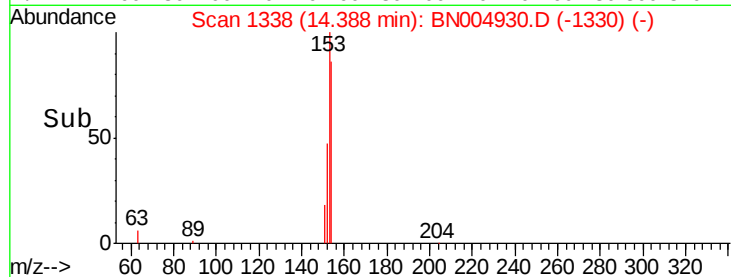
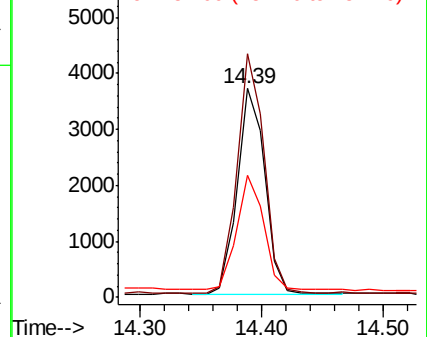
154 100

153 114.6 91.4 137.2

152 56.3 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.395 ng

RT: 15.38 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

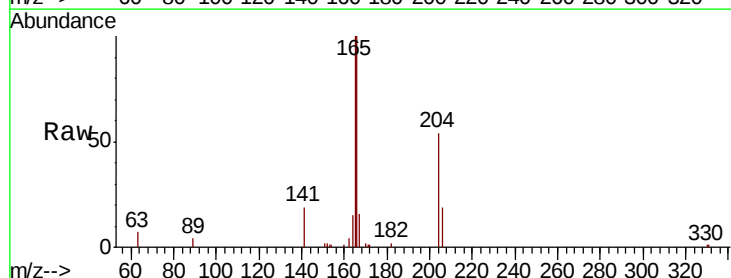
Tgt Ion:166 Resp: 7726

Ion Ratio Lower Upper

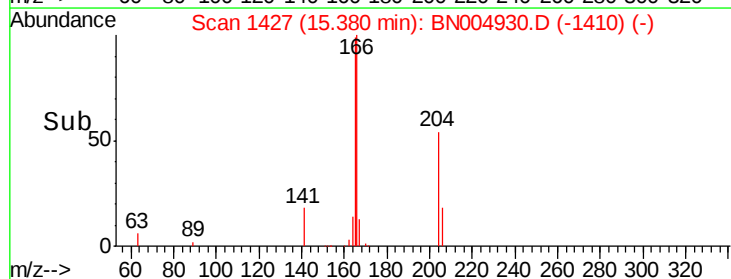
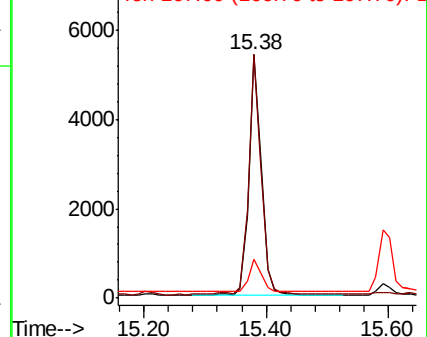
166 100

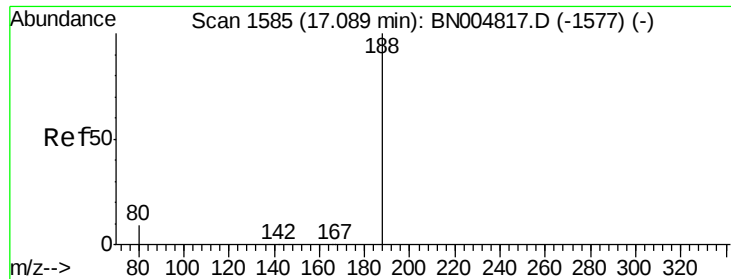
165 99.3 78.2 117.4

167 13.5 11.0 16.4



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: 17.08 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

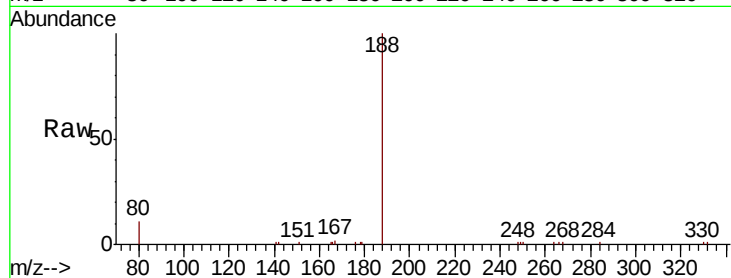
Tgt Ion:188 Resp: 9691

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

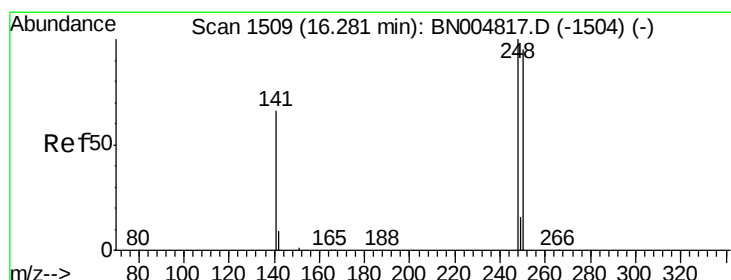
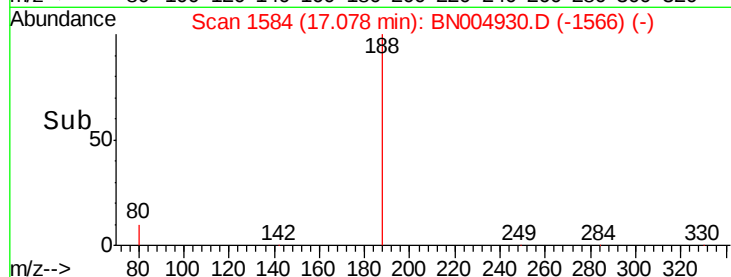
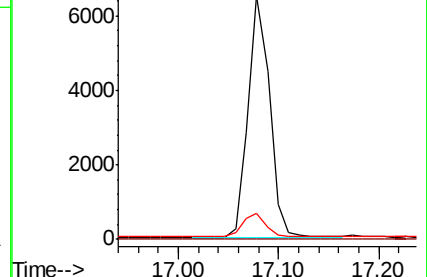
80 10.8 7.4 11.2



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: 0.390 ng

RT: 16.27 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

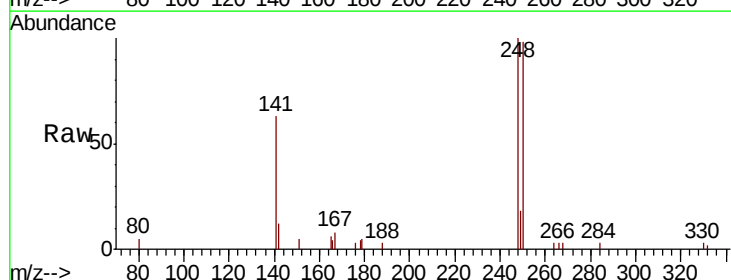
Tgt Ion:248 Resp: 2467

Ion Ratio Lower Upper

248 100

250 98.4 76.2 114.4

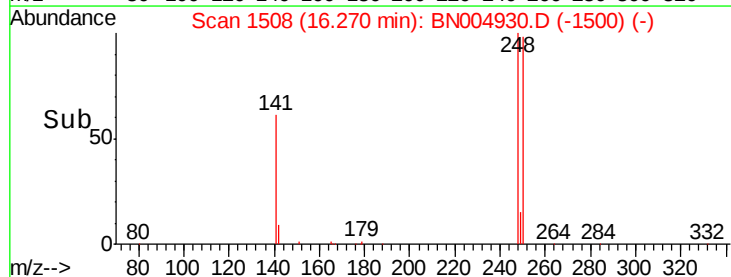
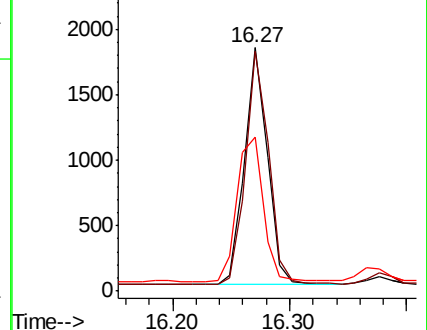
141 63.3 53.9 80.9

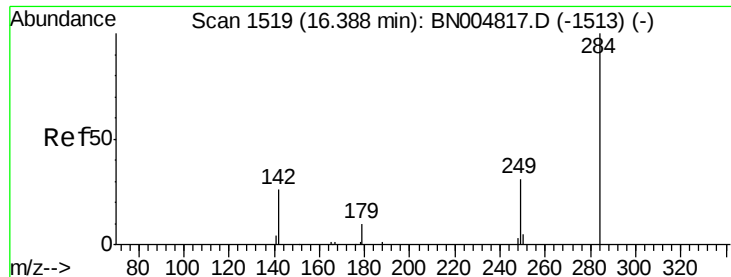


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.363 ng

RT: 16.38 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

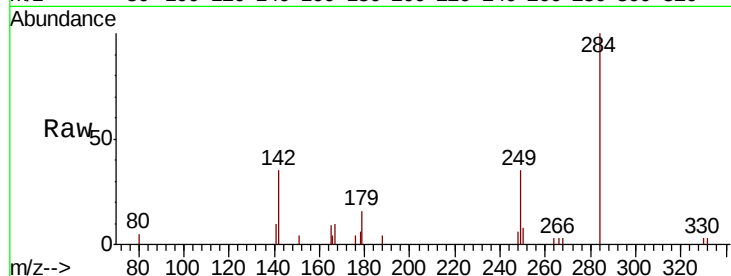
Tgt Ion:284 Resp: 2633

Ion Ratio Lower Upper

284 100

142 32.9 22.6 34.0

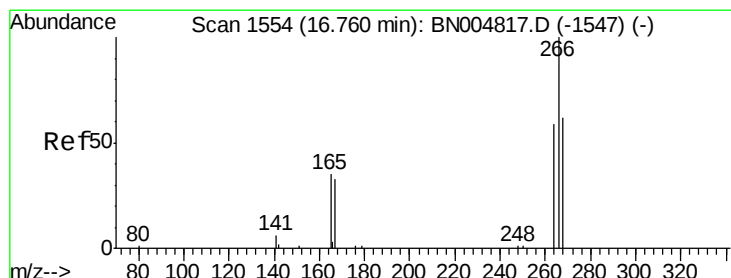
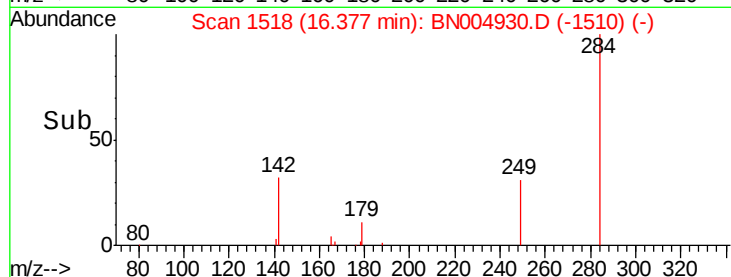
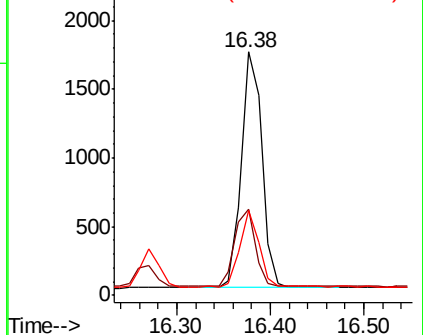
249 30.0 22.5 33.7



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: 1.291 ng

RT: 16.74 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

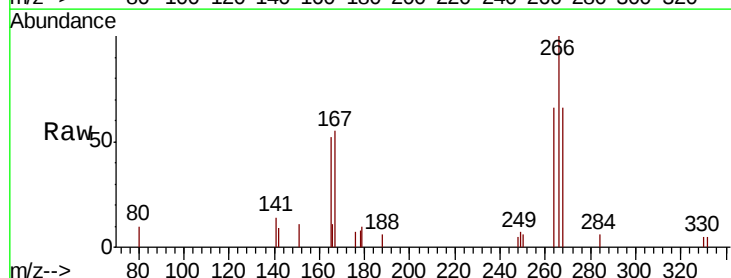
Tgt Ion:266 Resp: 1829

Ion Ratio Lower Upper

266 100

264 65.9 53.1 79.7

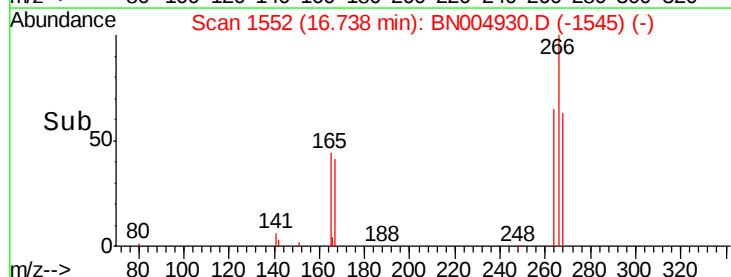
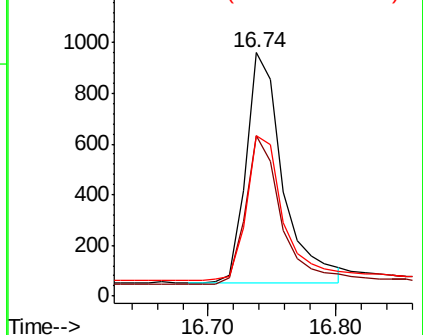
268 65.9 57.7 86.5

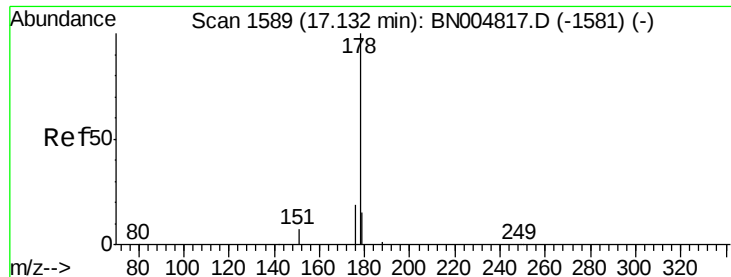


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.577 ng

RT: 17.12 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

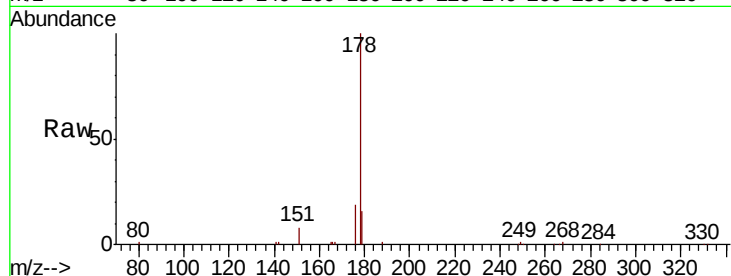
Tgt Ion:178 Resp: 18046

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

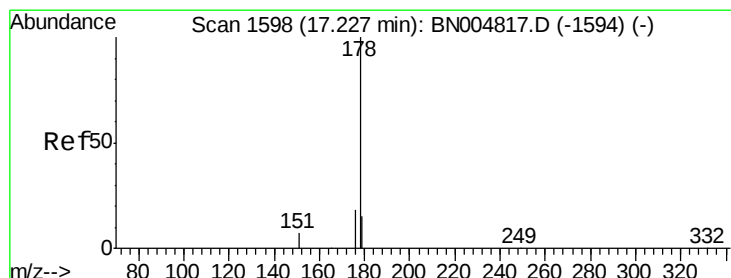
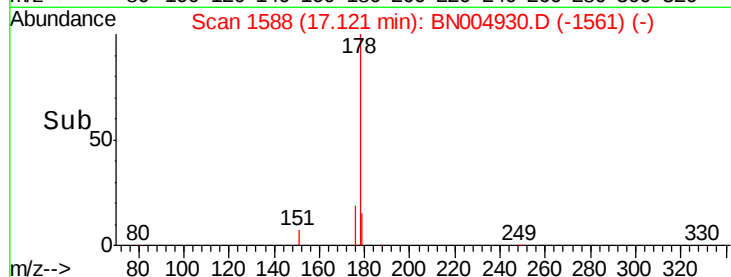
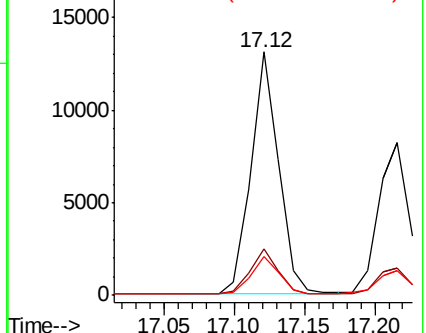
179 15.5 12.1 18.1



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: 0.460 ng

RT: 17.22 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

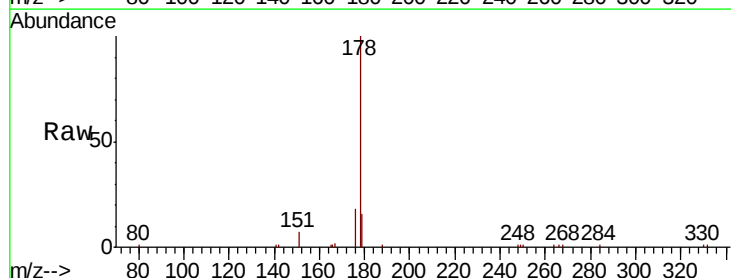
Tgt Ion:178 Resp: 12868

Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

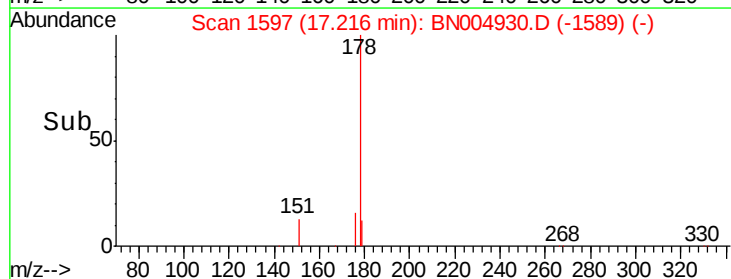
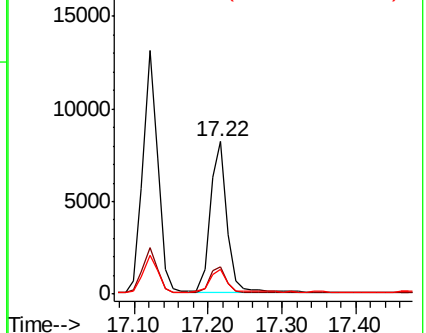
179 15.0 12.2 18.4

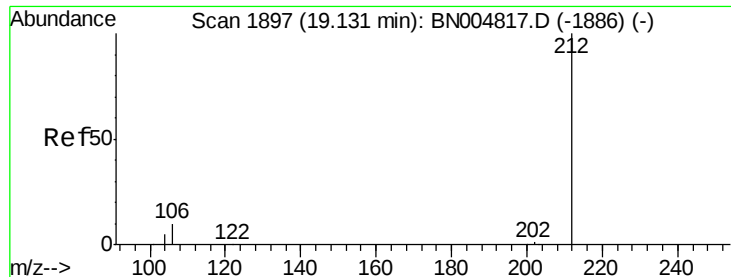


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.392 ng

RT: 19.12 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

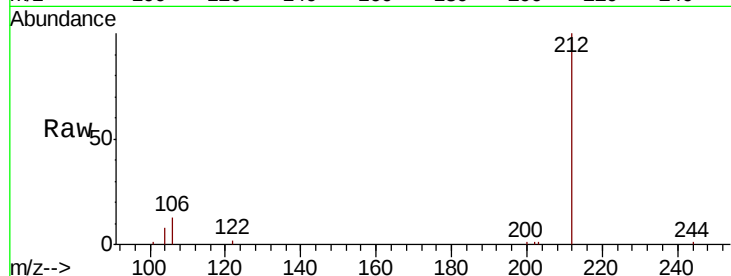
Tgt Ion:212 Resp: 12726

Ion Ratio Lower Upper

212 100

106 12.3 8.6 13.0

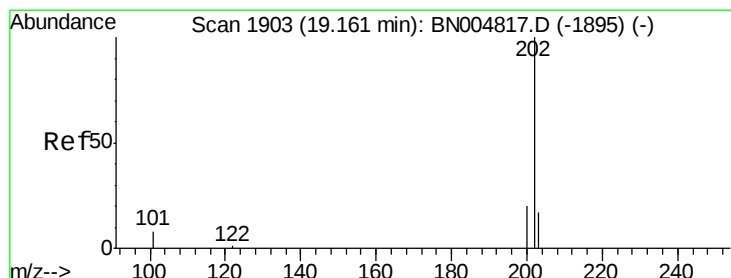
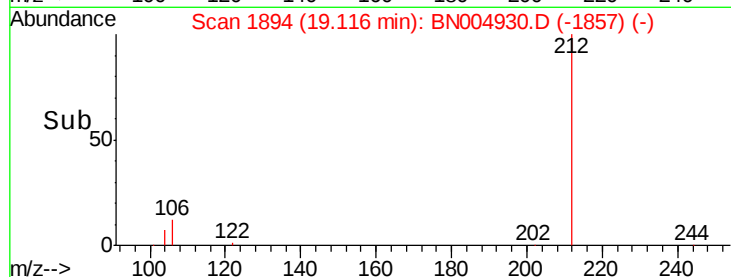
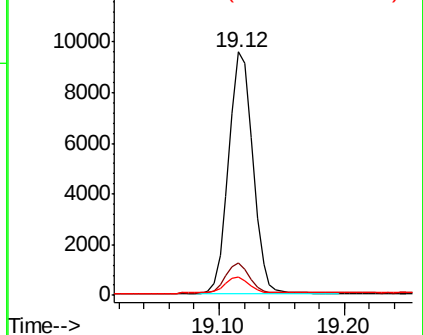
104 7.1 4.7 7.1



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.811 ng

RT: 19.15 min Scan# 1900

Delta R.T. -0.02 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

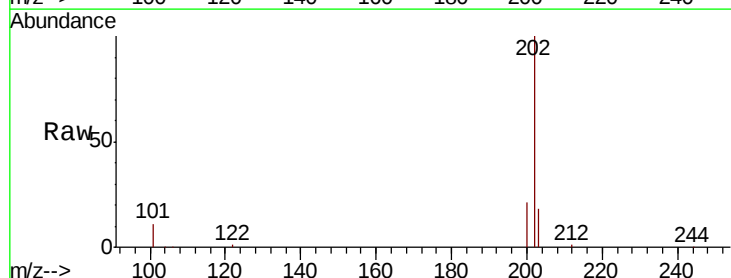
Tgt Ion:202 Resp: 32623

Ion Ratio Lower Upper

202 100

101 10.6 7.5 11.3

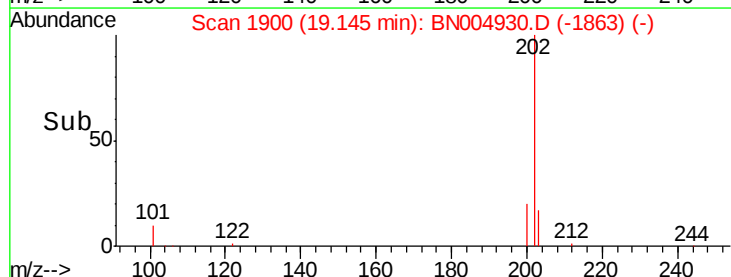
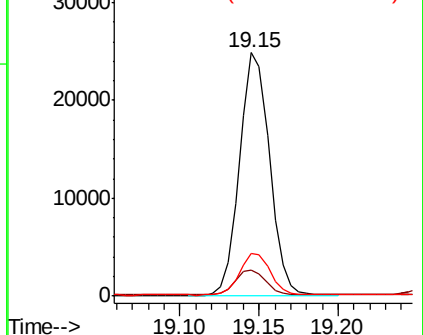
203 17.4 13.8 20.6

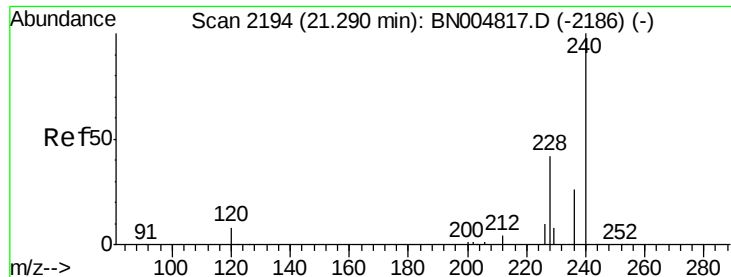


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

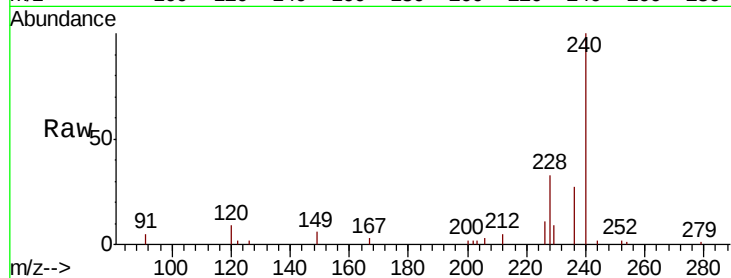
Tgt Ion:240 Resp: 13724

Ion Ratio Lower Upper

240 100

120 9.5 7.2 10.8

236 26.7 20.9 31.3

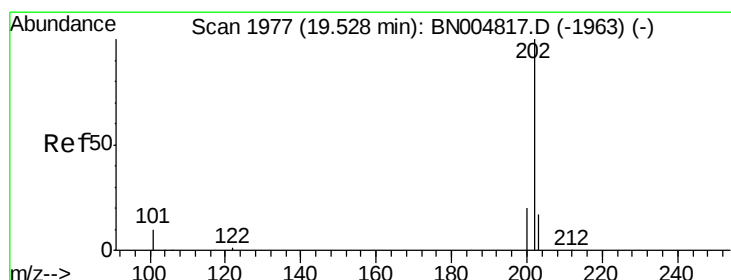
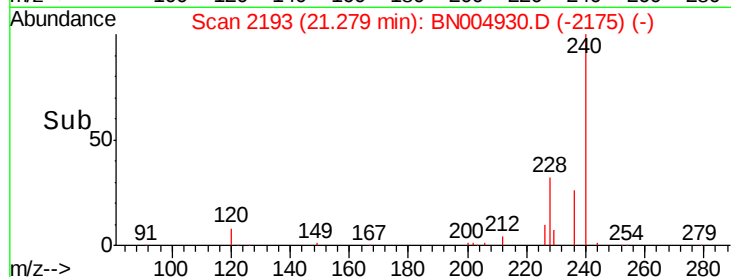
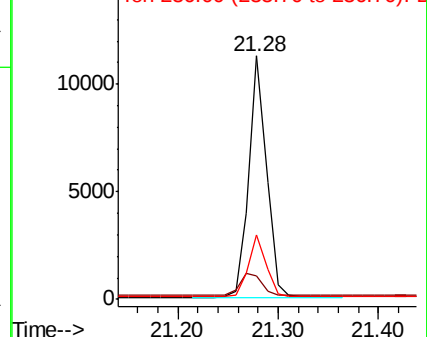


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.766 ng

RT: 19.51 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

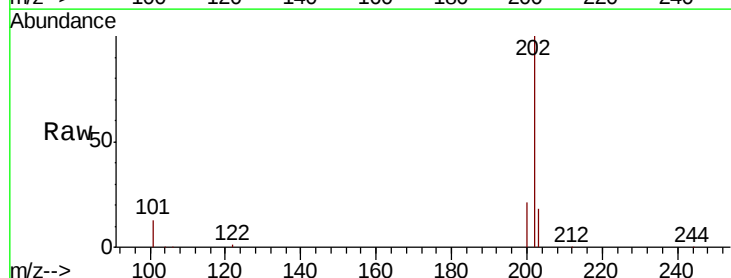
Tgt Ion:202 Resp: 32041

Ion Ratio Lower Upper

202 100

200 20.7 16.3 24.5

203 19.6 14.0 21.0

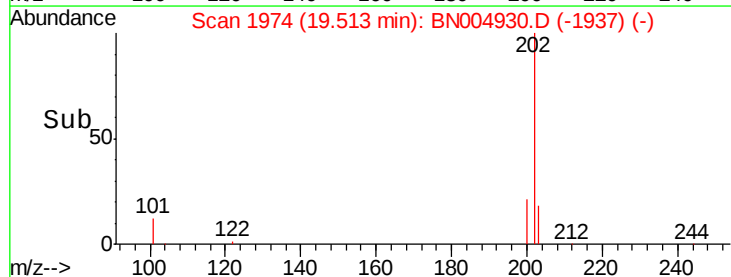
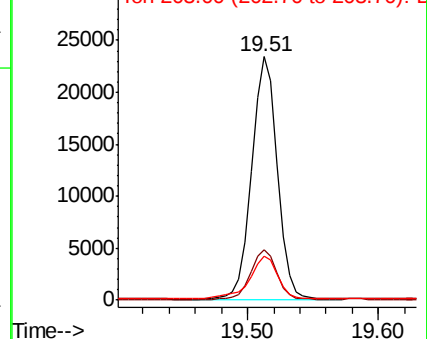


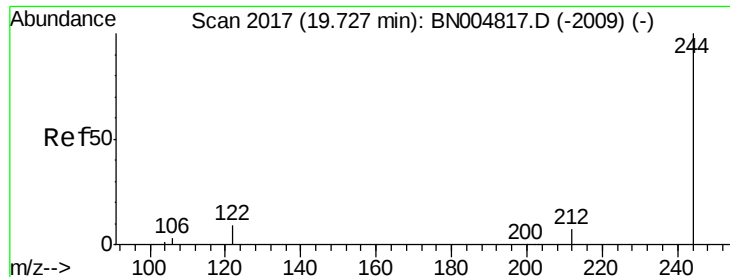
Abundance

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: 0.303 ng

RT: 19.72 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

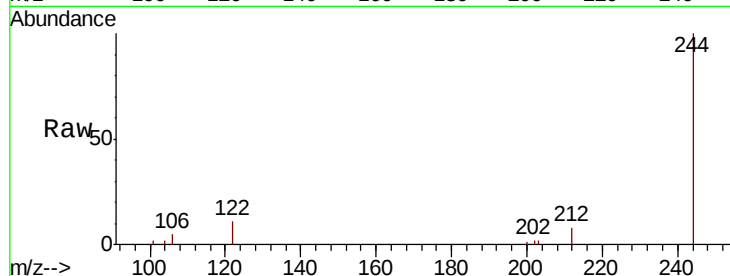
Tgt Ion:244 Resp: 8511

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

122 11.4 7.9 11.9

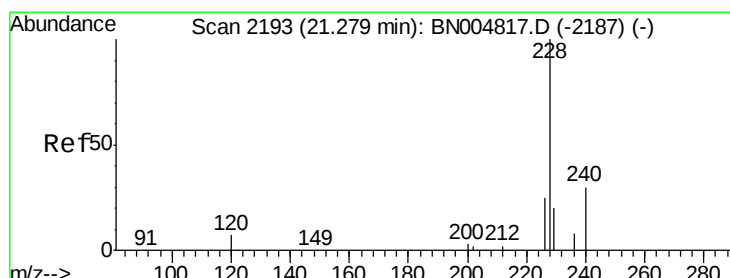
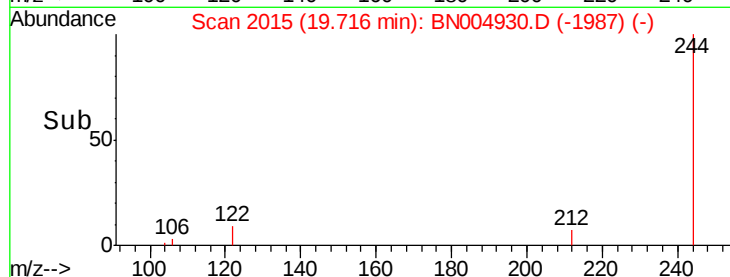
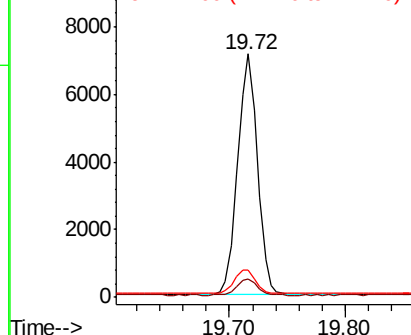


Abundance

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: 0.621 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

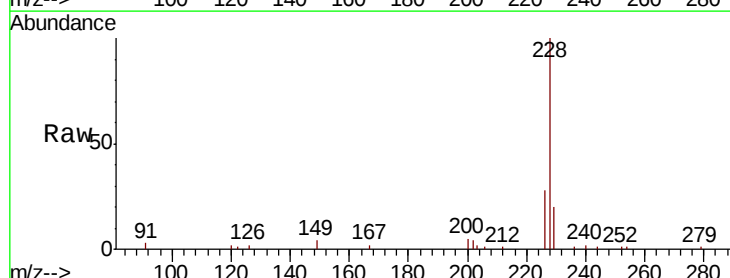
Tgt Ion:228 Resp: 27937

Ion Ratio Lower Upper

228 100

226 28.0 20.6 31.0

229 20.3 16.2 24.4

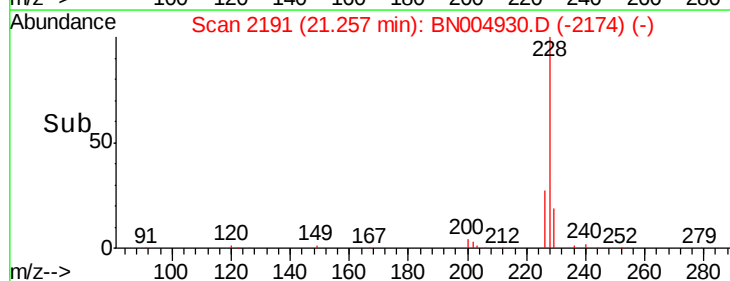
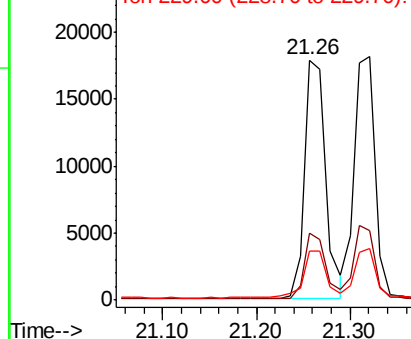


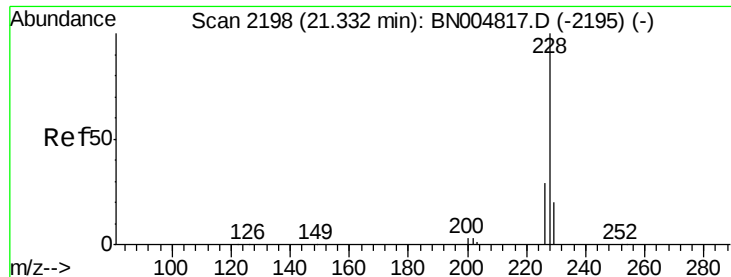
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.591 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

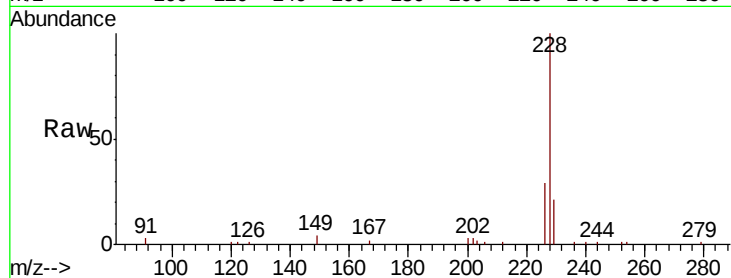
Tgt Ion:228 Resp: 28004

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.6

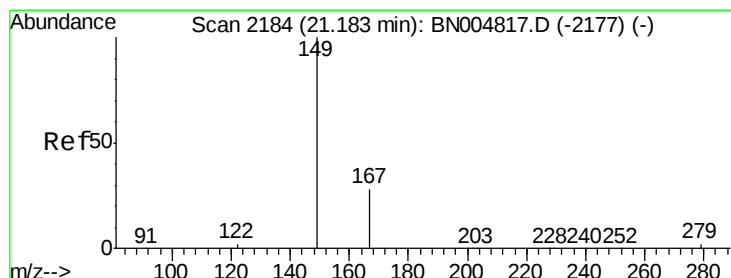
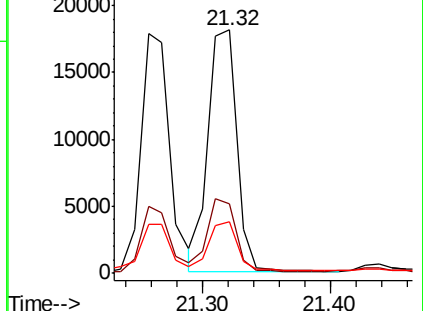
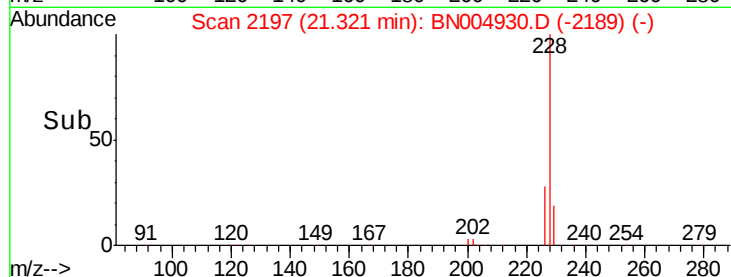
229 21.4 16.2 24.2



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: 0.758 ng

RT: 21.17 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

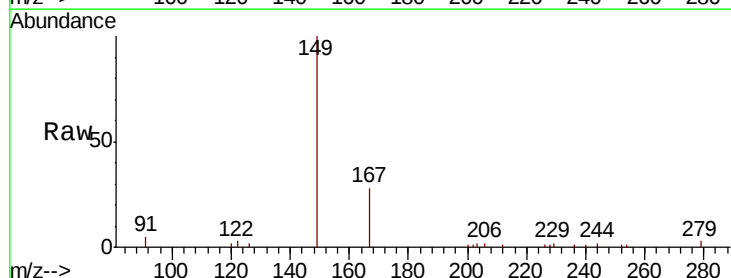
Tgt Ion:149 Resp: 13639

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.4

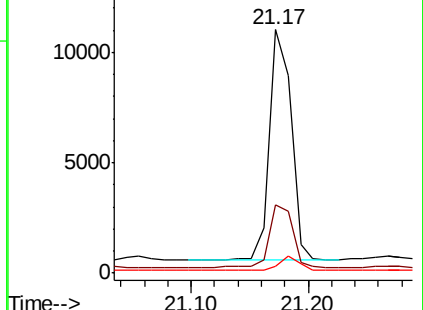
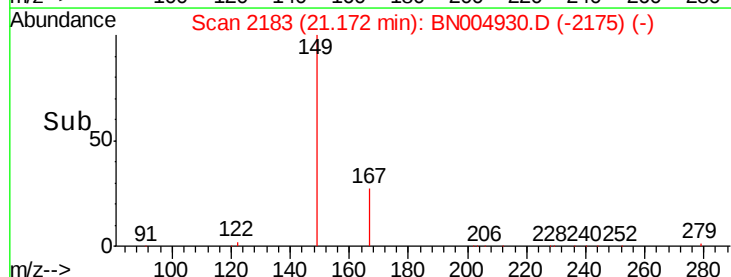
279 5.0 4.6 6.8

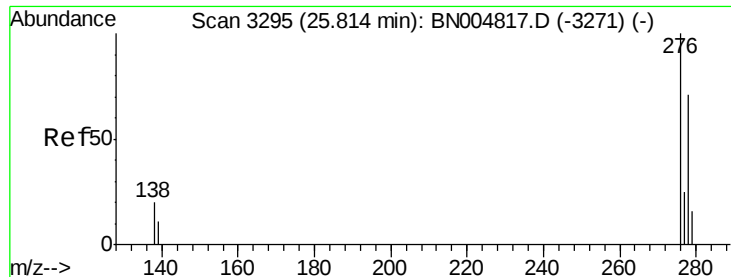


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.507 ng

RT: 25.79 min Scan# 3288

Delta R.T. -0.02 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

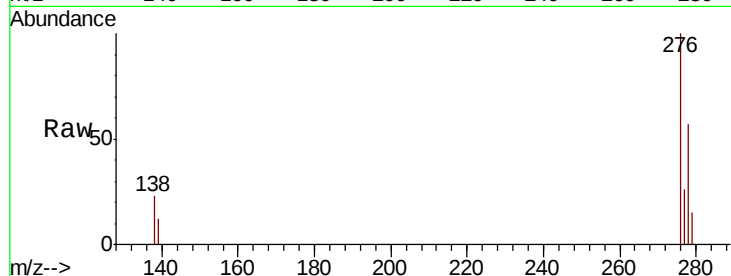
Tgt Ion:276 Resp: 34761

Ion Ratio Lower Upper

276 100

138 22.7 16.6 24.8

277 25.0 20.3 30.5

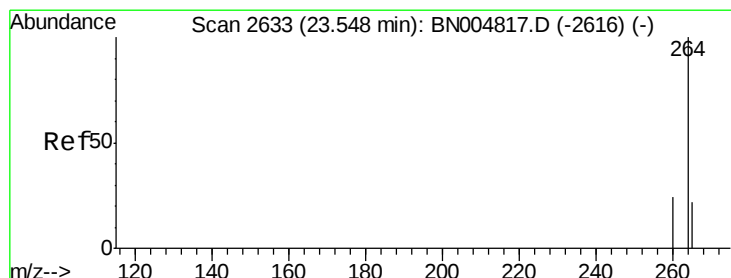
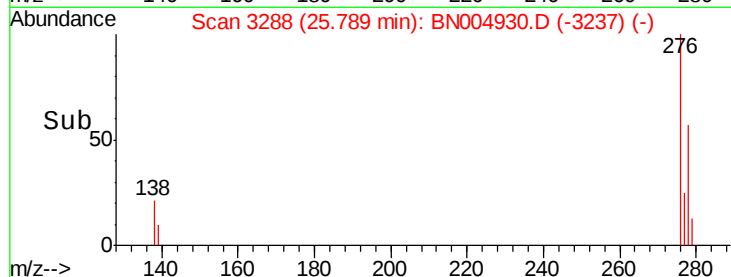
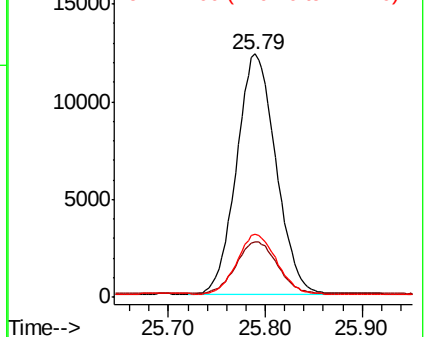


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.53 min Scan# 2627

Delta R.T. -0.02 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

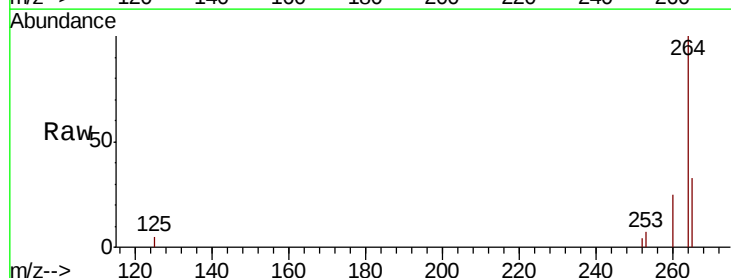
Tgt Ion:264 Resp: 16434

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 33.3 23.1 34.7

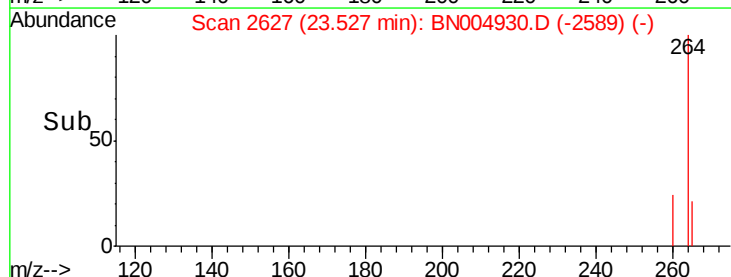
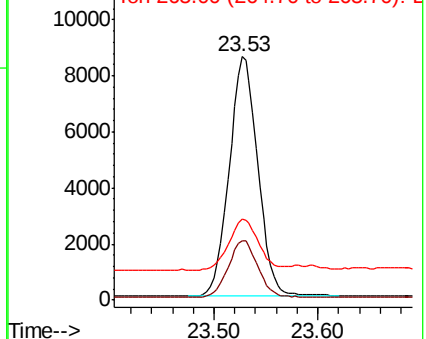


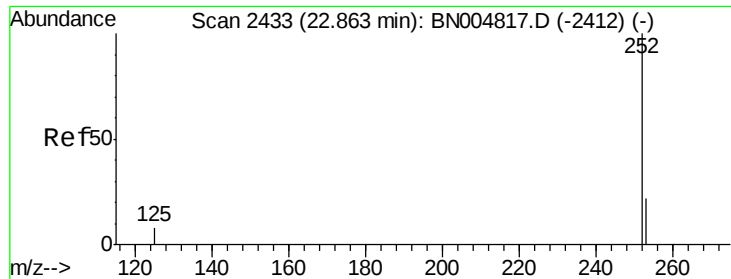
Abundance

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: 0.615 ng

RT: 22.85 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

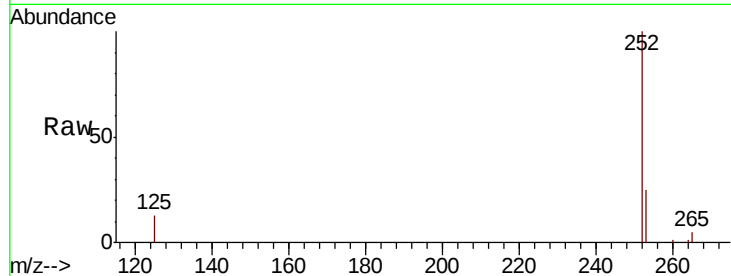
Tgt Ion:252 Resp: 36558

Ion Ratio Lower Upper

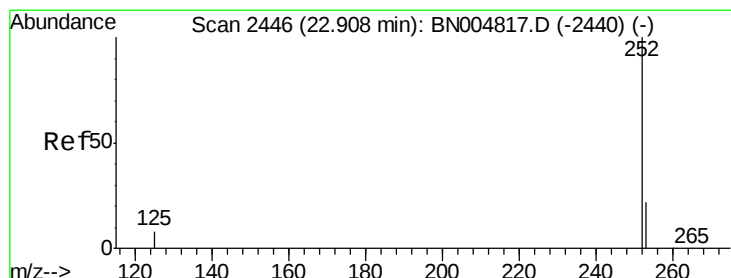
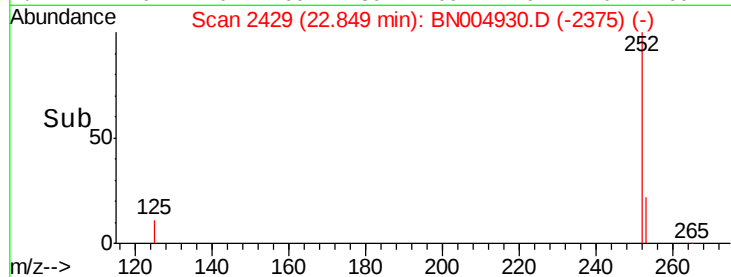
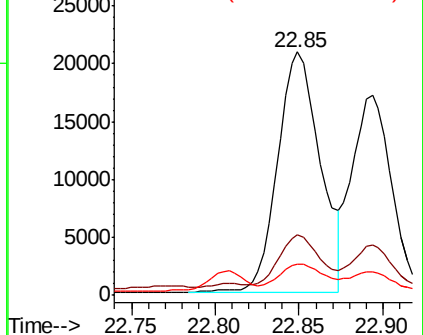
252 100

253 24.8 19.0 28.4

125 12.8 7.4 11.2#



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: 0.478 ng

RT: 22.89 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

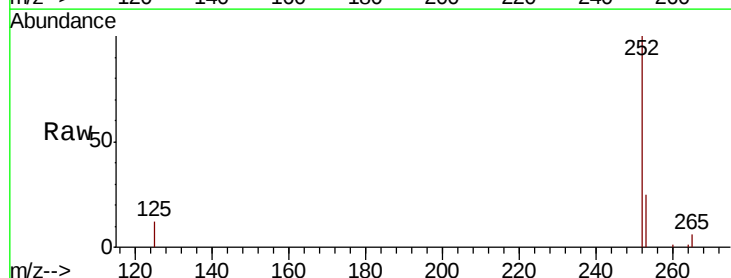
Tgt Ion:252 Resp: 27955

Ion Ratio Lower Upper

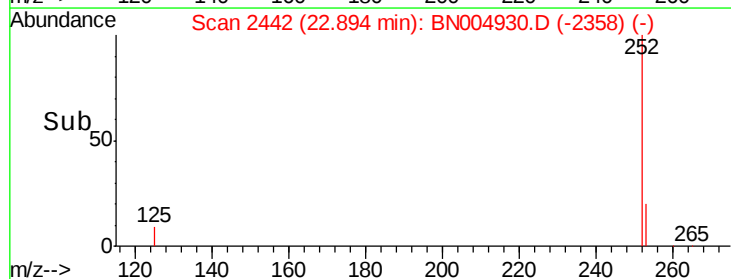
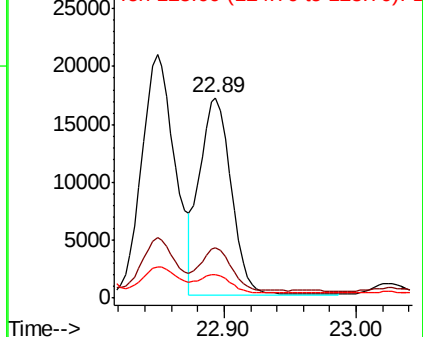
252 100

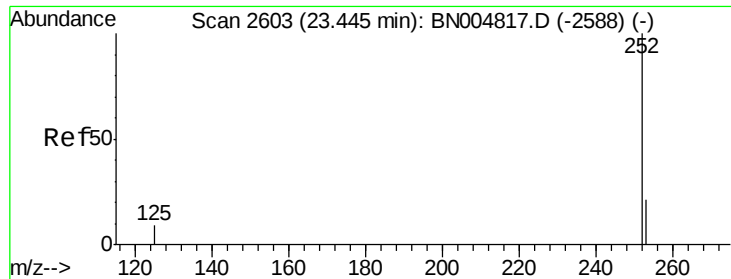
253 25.2 19.3 28.9

125 11.9 7.4 11.0#



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





#37

Benzo(a)pyrene

Concen: 0.581 ng

RT: 23.43 min Scan# 2598

Delta R.T. -0.02 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

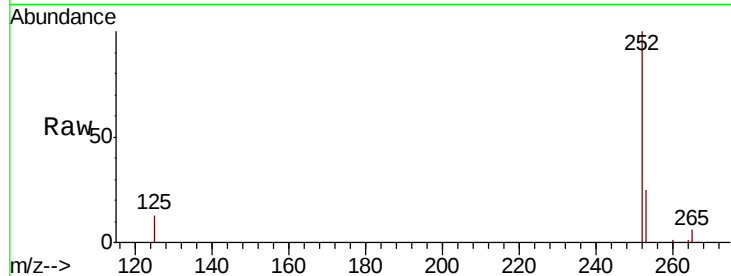
Tgt Ion:252 Resp: 31695

Ion Ratio Lower Upper

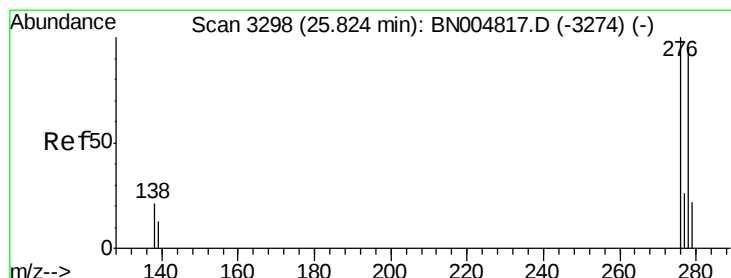
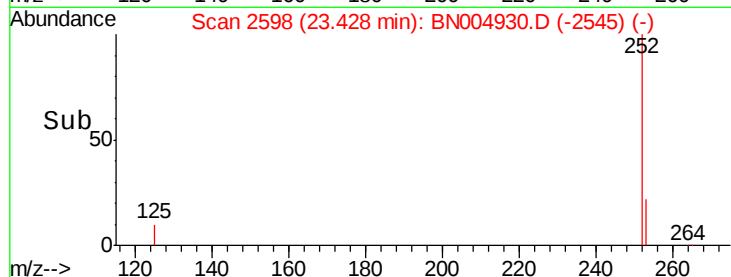
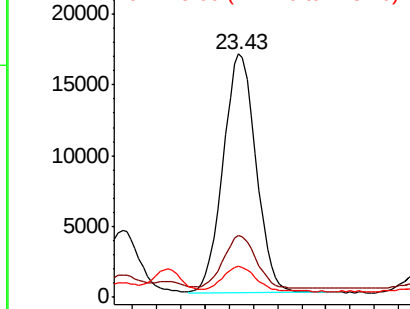
252 100

253 25.3 19.7 29.5

125 12.6 8.3 12.5#



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: 0.378 ng

RT: 25.80 min Scan# 3292

Delta R.T. -0.02 min

Lab File: BN004930.D

Acq: 23 Mar 2019 20:50

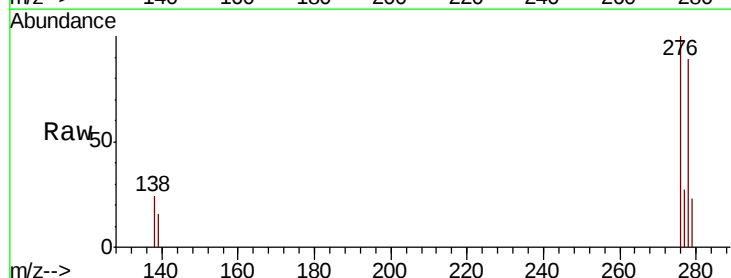
Tgt Ion:278 Resp: 23902

Ion Ratio Lower Upper

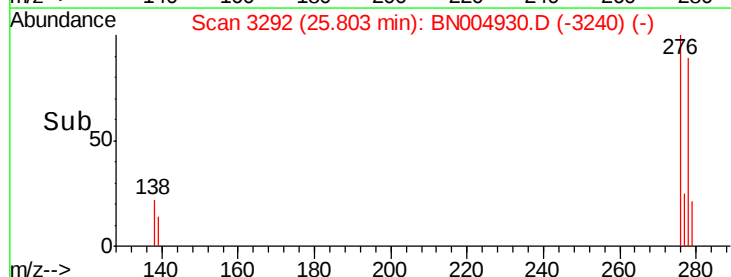
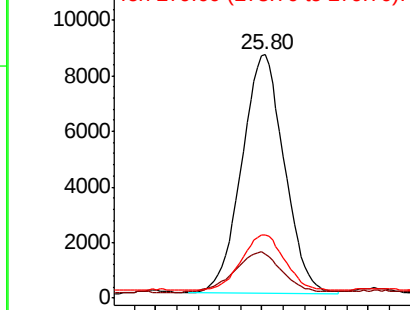
278 100

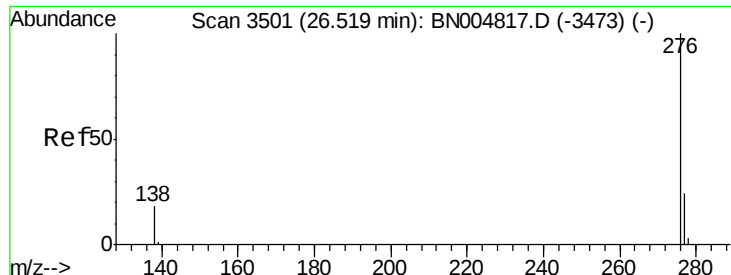
139 18.2 11.7 17.5#

279 26.2 19.9 29.9



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: 0.482 ng

RT: 26.49 min Scan# 3493

Delta R.T. -0.03 min

Lab File: BN004930.D

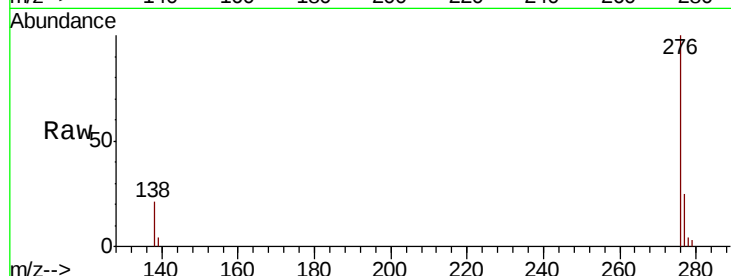
Acq: 23 Mar 2019 20:50

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD



Tgt Ion: 276 Resp: 30992

Ion Ratio Lower Upper

276 100

277 24.7 19.7 29.5

138 21.3 14.6 22.0

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

