

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032519\
 Data File : BN004962.D
 Acq On : 25 Mar 2019 15:56
 Operator : JU/SJ
 Sample : K1948-14MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Mar 26 04:18:53 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	7.68	152	3645	0.40	ng	-0.02
7) Naphthalene-d8	10.47	136	13867	0.40	ng	-0.03
13) Acenaphthene-d10	14.32	164	6482	0.40	ng	-0.02
19) Phenanthrene-d10	17.08	188	13228	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	16546	0.40	ng	-0.01
34) Perylene-d12	23.53	264	17934	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.28	112	4235	0.43	ng	0.00
5) Phenol-d6	6.86	99	5156	0.42	ng	-0.02
8) Nitrobenzene-d5	8.84	82	4131	0.45	ng	-0.03
11) 2-Methylnaphthalene-d10	12.06	152	8602	0.36	ng	-0.02
14) 2,4,6-Tribromophenol	15.84	330	1474	0.33	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	11146	0.42	ng	-0.02
25) Fluoranthene-d10	19.12	212	16388	0.37	ng	-0.01
29) Terphenyl-d14	19.72	244	10866	0.32	ng	-0.01

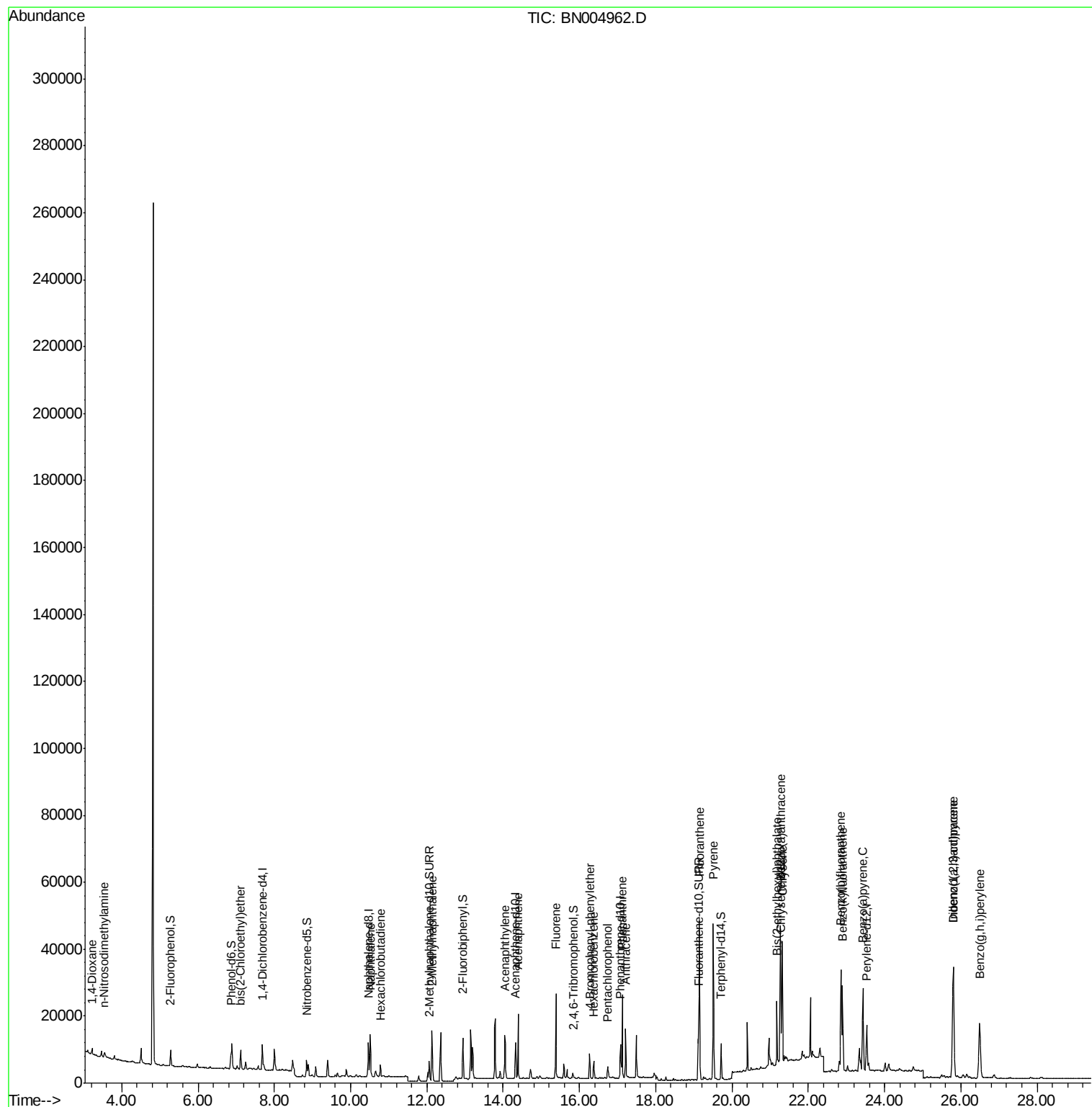
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	1295	0.313	ng	# 54
3) n-Nitrosodimethylamine	3.55	42	1146	0.468	ng	# 90
6) bis(2-Chloroethyl)ether	7.12	93	4638	0.417	ng	98
9) Naphthalene	10.52	128	16290	0.419	ng	99
10) Hexachlorobutadiene	10.78	225	2777	0.374	ng	# 98
12) 2-Methylnaphthalene	12.14	142	11010	0.381	ng	100
16) Acenaphthylene	14.04	152	15441	0.462	ng	100
17) Acenaphthene	14.39	154	9170	0.419	ng	99
18) Fluorene	15.38	166	11505	0.377	ng	99
20) 4-Bromophenyl-phenylether	16.27	248	3665	0.424	ng	92
21) Hexachlorobenzene	16.38	284	3768	0.381	ng	94
22) Pentachlorophenol	16.74	266	2111	1.091	ng	94
23) Phenanthrene	17.12	178	24655	0.577	ng	100
24) Anthracene	17.21	178	17810	0.467	ng	99
26) Fluoranthene	19.15	202	42108	0.767	ng	98
28) Pyrene	19.51	202	40783	0.808	ng	97
30) Benzo(a)anthracene	21.27	228	33341	0.614	ng	98
31) Chrysene	21.32	228	33615	0.588	ng	98
32) Bis(2-ethylhexyl)phthalate	21.17	149	19669	0.907	ng	98
33) Indeno(1,2,3-cd)pyrene	25.80	276	38560	0.466	ng	98
35) Benzo(b)fluoranthene	22.85	252	40671	0.627	ng	# 95
36) Benzo(k)fluoranthene	22.90	252	32113	0.503	ng	# 95
37) Benzo(a)pyrene	23.43	252	34508	0.580	ng	# 96
38) Dibenzo(a,h)anthracene	25.81	278	26763	0.388	ng	# 93
39) Benzo(g,h,i)perylene	26.49	276	34269	0.488	ng	# 96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.68 min Scan# 578

Delta R.T. -0.02 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

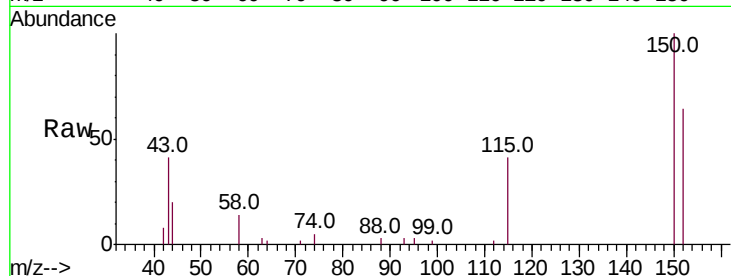
Tot Ion:152 Resp: 3645

Ion Ratio Lower Upper

152 100

150 156.4 126.2 189.4

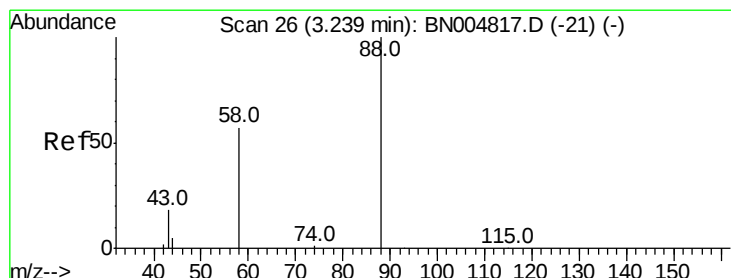
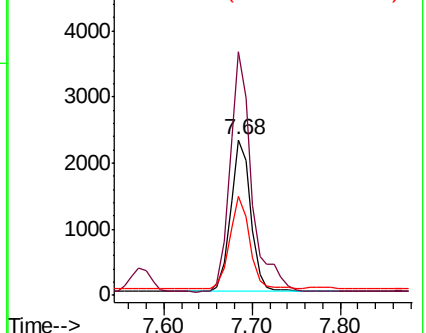
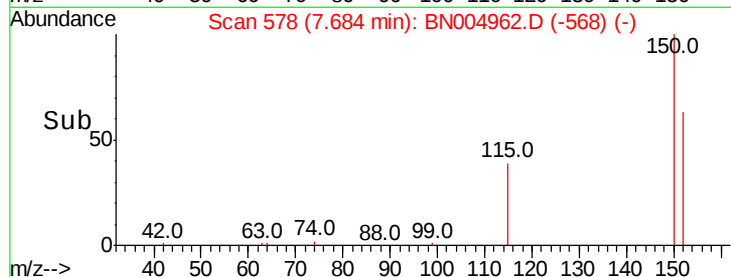
115 63.9 52.6 79.0



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: 0.313 ng

RT: 3.22 min Scan# 24

Delta R.T. -0.02 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

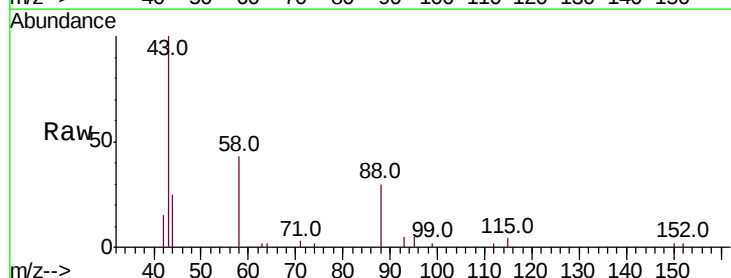
Tgt Ion: 88 Resp: 1295

Ion Ratio Lower Upper

88 100

58 79.0 51.4 77.2#

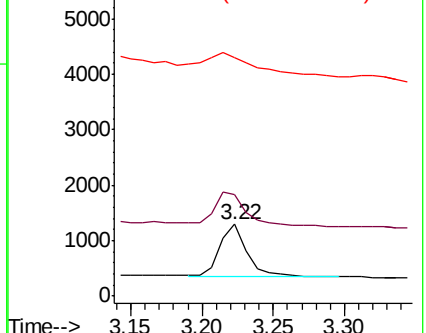
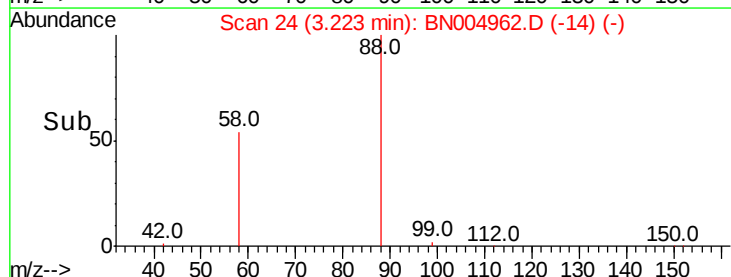
43 83.0 20.0 30.0#



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: 0.468 ng

RT: 3.55 min Scan# 64

Delta R.T. -0.03 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

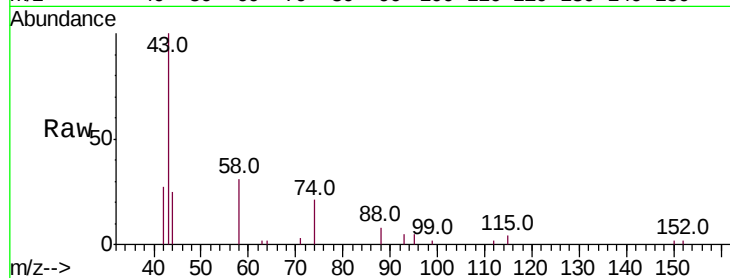
Tot Ion: 42 Resp: 1146

Ion Ratio Lower Upper

42 100

74 172.9 128.4 192.6

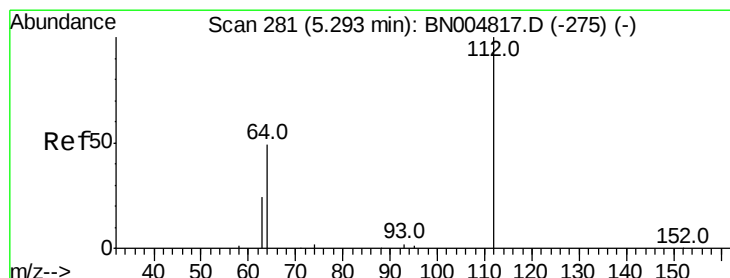
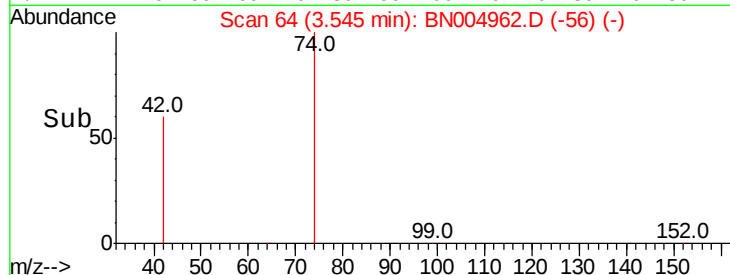
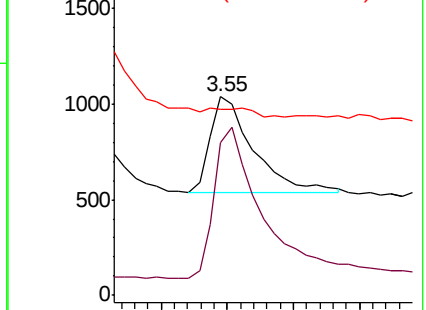
44 0.0 6.1 9.1#



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: 0.427 ng

RT: 5.28 min Scan# 280

Delta R.T. -0.01 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

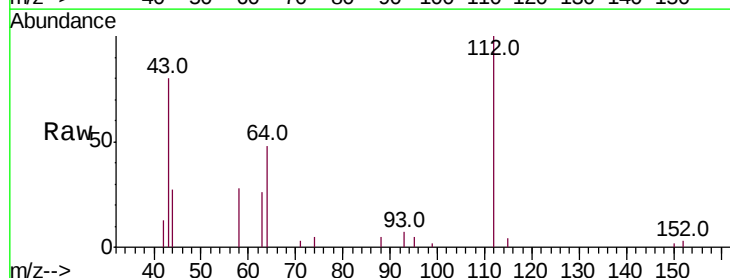
Tgt Ion: 112 Resp: 4235

Ion Ratio Lower Upper

112 100

64 52.1 40.0 60.0

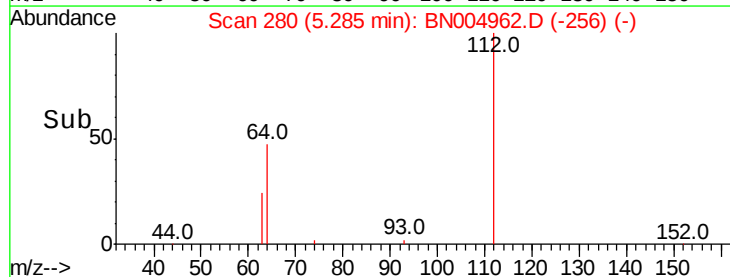
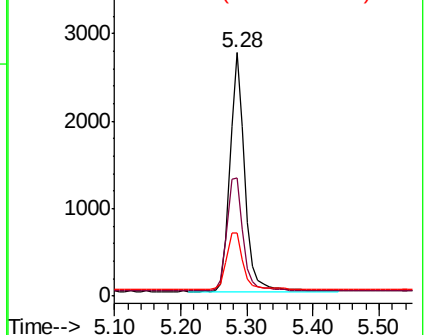
63 26.3 20.2 30.2

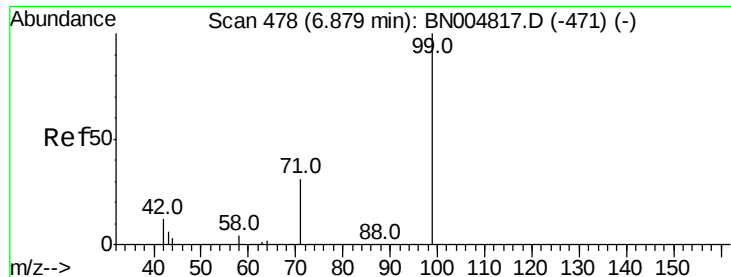


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.418 ng

RT: 6.86 min Scan# 476

Delta R.T. -0.02 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

Instrument :

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PST-025-SW046-031319MSD

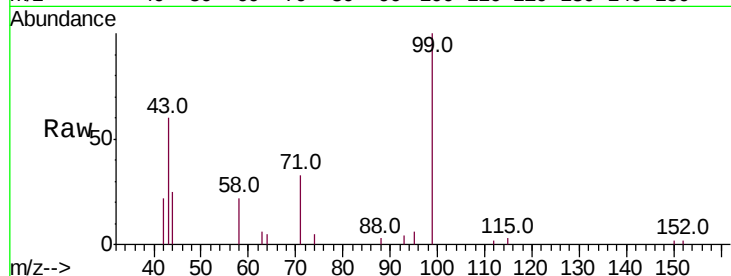
Tot Ion: 99 Resp: 5156

Ion Ratio Lower Upper

99 100

42 22.7 12.7 19.1#

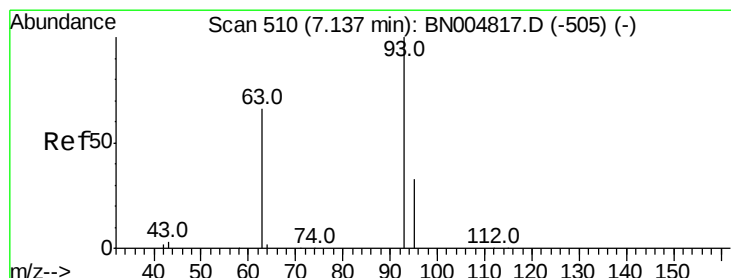
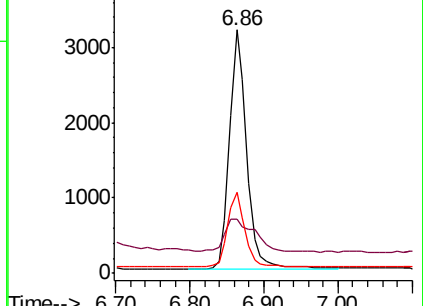
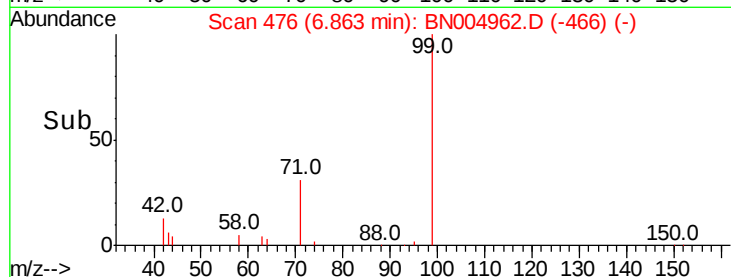
71 31.6 26.6 40.0



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: 0.417 ng

RT: 7.12 min Scan# 508

Delta R.T. -0.02 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

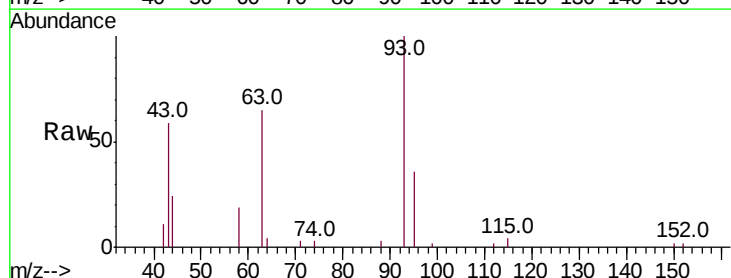
Tgt Ion: 93 Resp: 4638

Ion Ratio Lower Upper

93 100

63 67.3 52.6 78.8

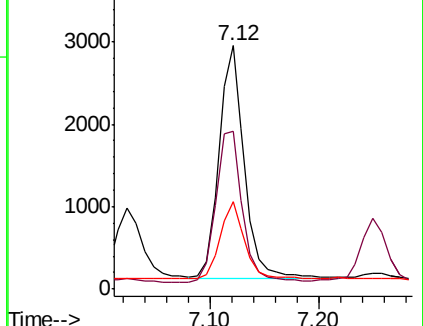
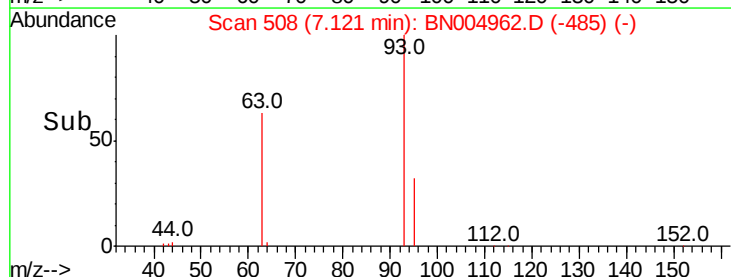
95 31.8 25.9 38.9

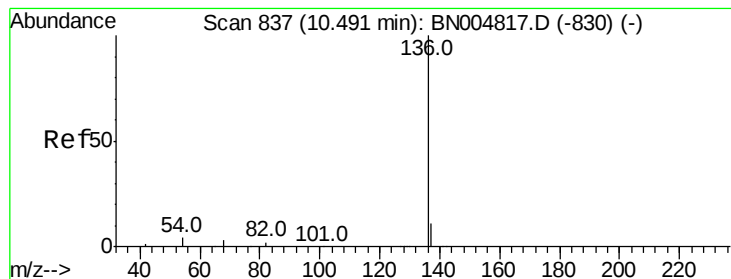


Abundance Ion 93.00 (92.70 to 93.70): BN004817.D (-505) (-)

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: BN004962.D

Acq: 25 Mar 2019 15:56

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

Tot Ion:136 Resp: 13867

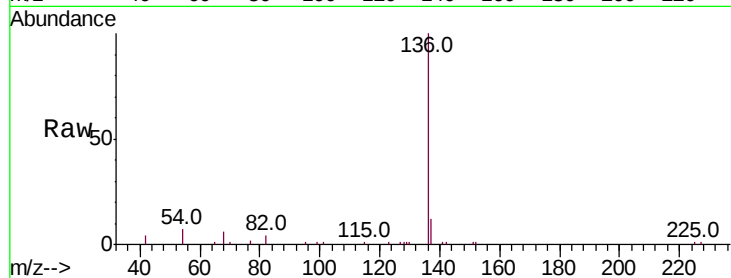
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 7.2 4.2 6.2#

68 6.2 3.9 5.9#

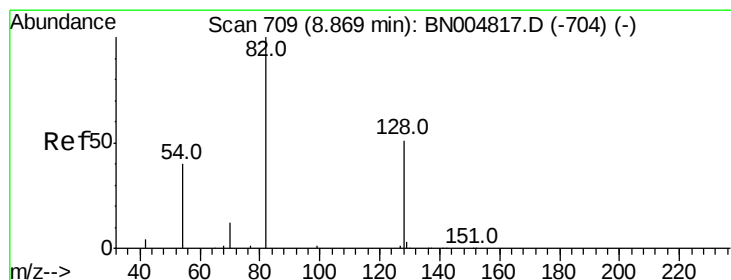
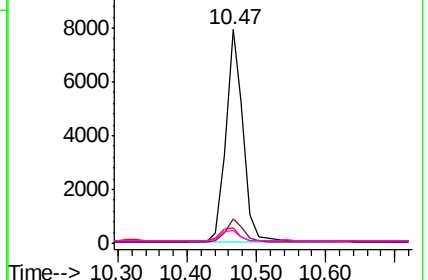
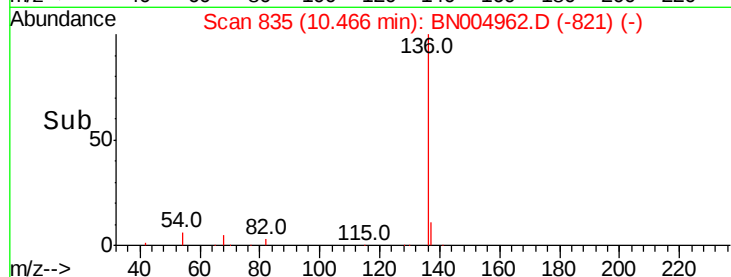


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.450 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.03 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

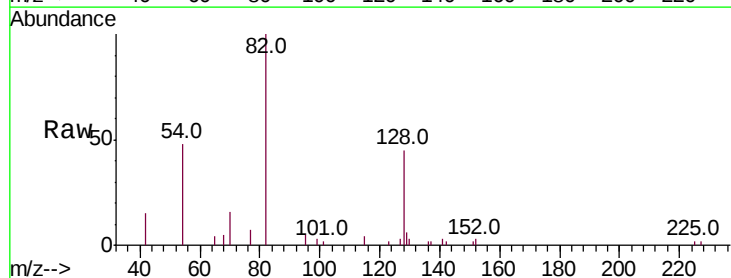
Tgt Ion: 82 Resp: 4131

Ion Ratio Lower Upper

82 100

128 45.0 43.0 64.6

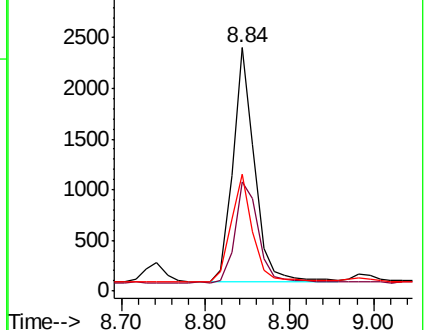
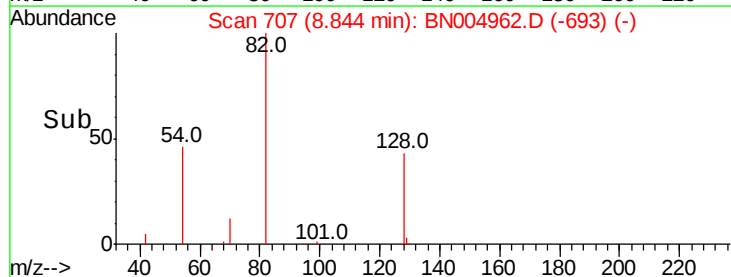
54 48.0 35.3 52.9

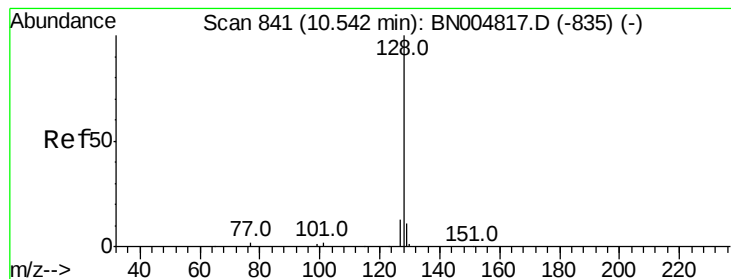


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.419 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.03 min

Lab File: BN004962.D

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Instrument :

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ClientSampleId :

PST-025-SW046-031319MSD

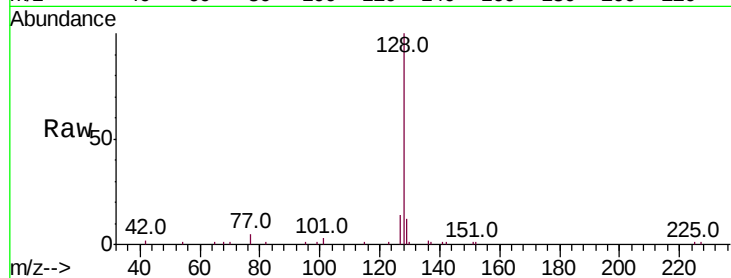
Tot Ion:128 Resp: 16290

Ion Ratio Lower Upper

128 100

129 11.6 9.9 14.9

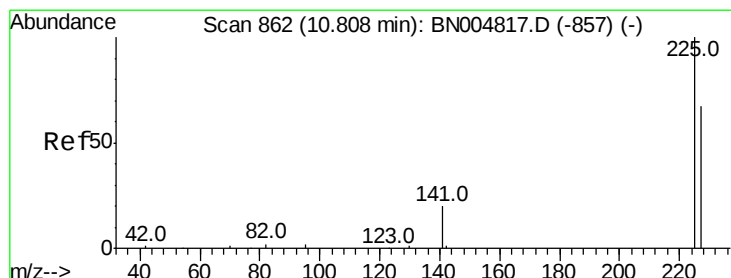
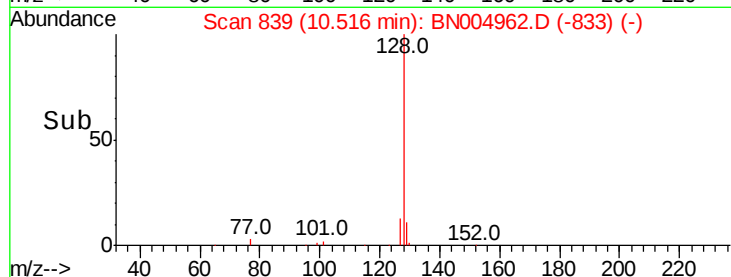
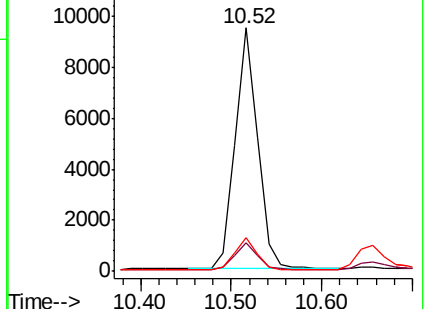
127 13.9 11.3 16.9



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: 0.374 ng

RT: 10.78 min Scan# 860

Delta R.T. -0.03 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

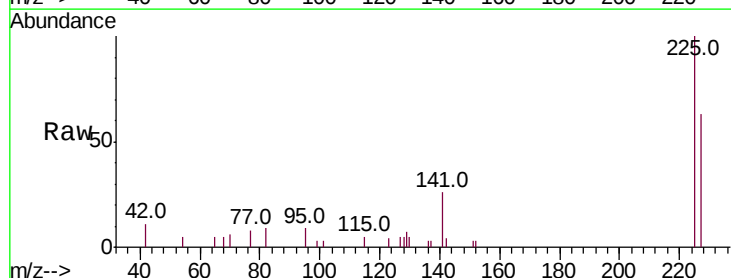
Tgt Ion:225 Resp: 2777

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

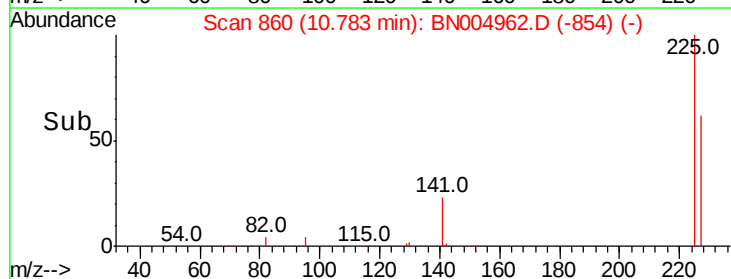
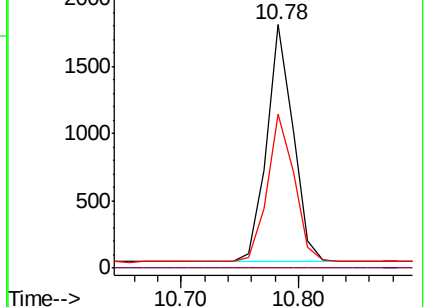
227 63.9 52.2 78.4

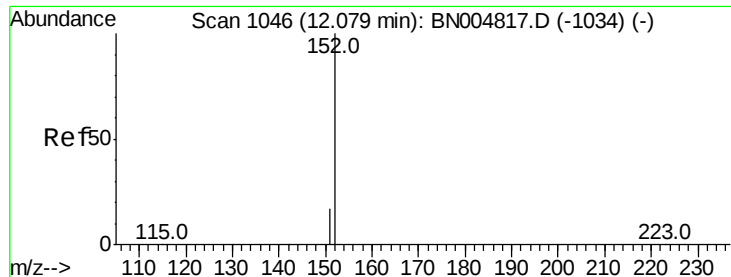


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

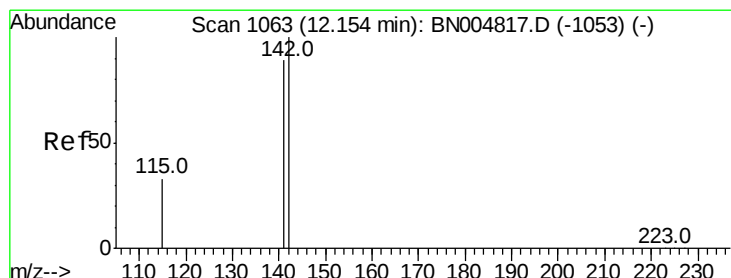
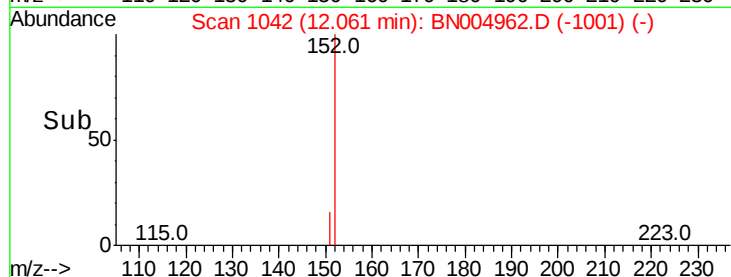
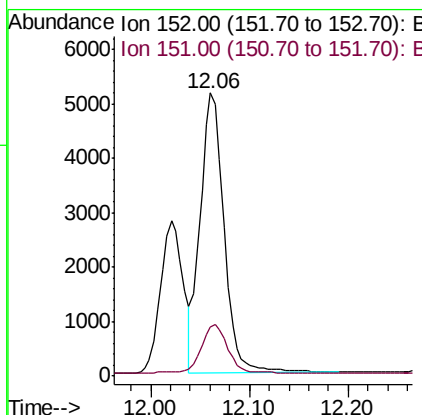
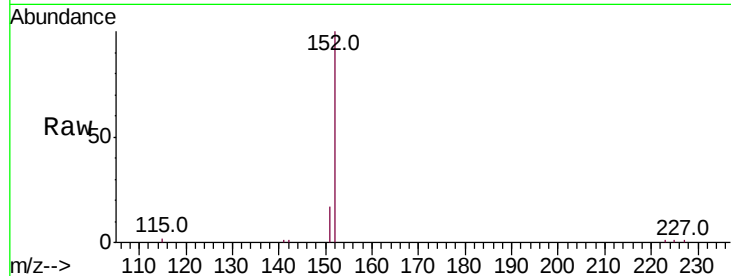




#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.06 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BN004962.D
Acq: 25 Mar 2019 15:56

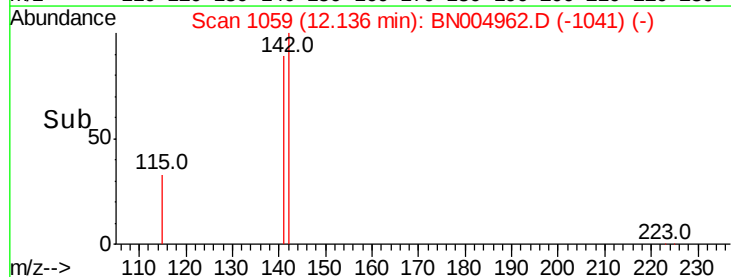
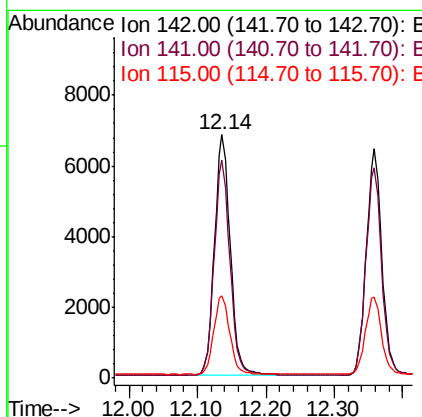
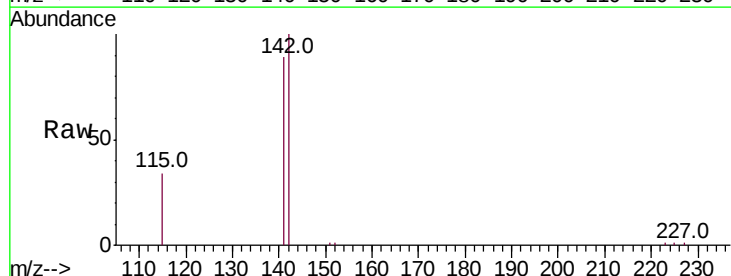
Instrument :
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PST-025-SW046-031319MSD

Tot Ion:152 Resp: 8602
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3



#12
2-Methylnaphthalene
Concen: 0.381 ng
RT: 12.14 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BN004962.D
Acq: 25 Mar 2019 15:56

Tgt Ion:142 Resp: 11010
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2
115 34.1 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

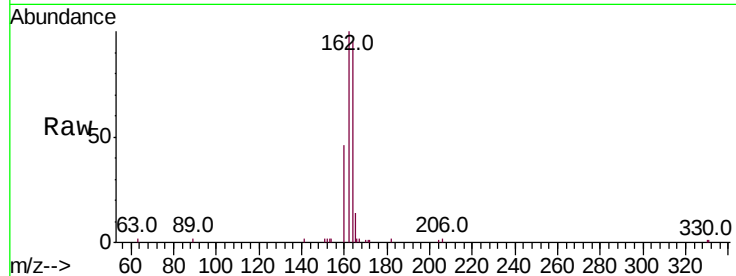
Tot Ion:164 Resp: 6482

Ion Ratio Lower Upper

164 100

162 105.7 81.9 122.9

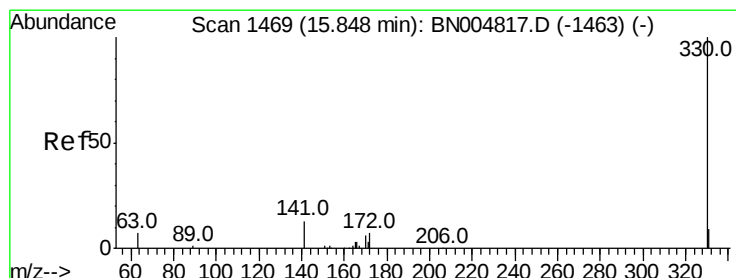
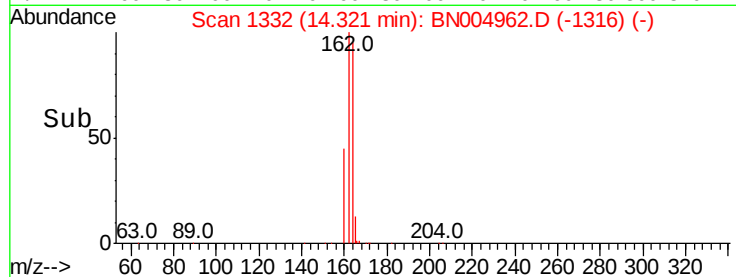
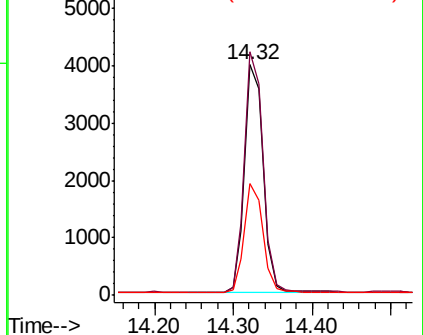
160 48.7 36.6 54.8



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: 0.329 ng

RT: 15.84 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

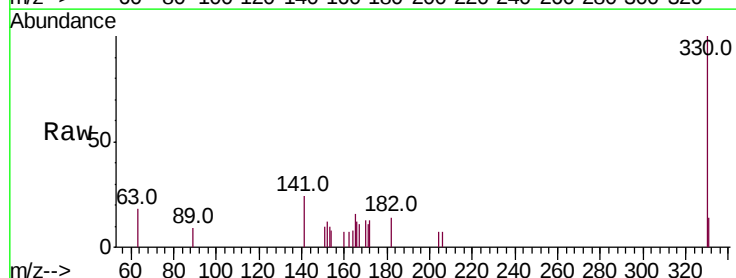
Tgt Ion:330 Resp: 1474

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

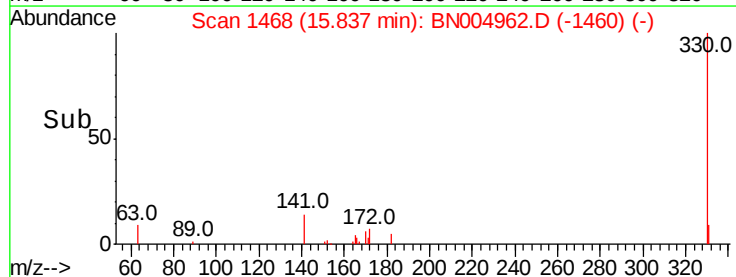
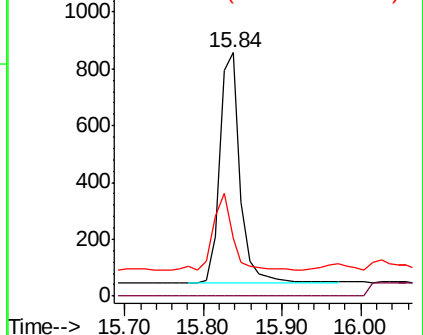
141 32.2 20.9 31.3#



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

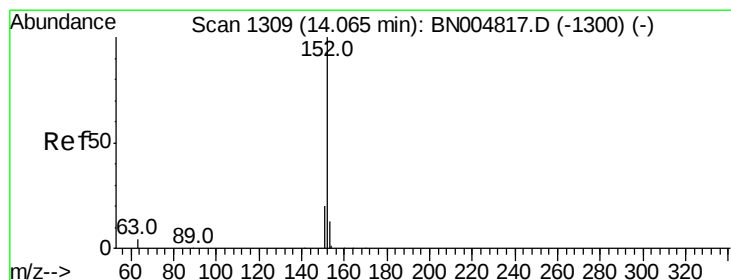
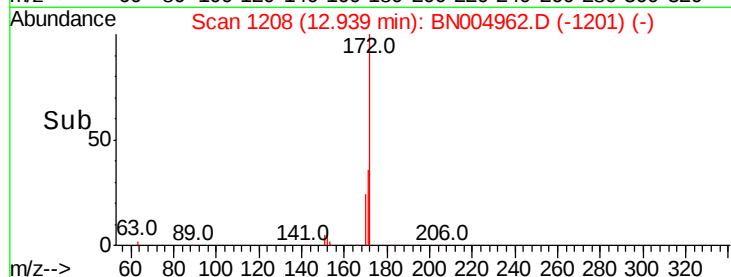
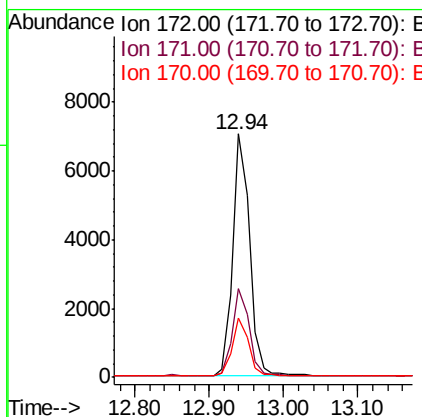
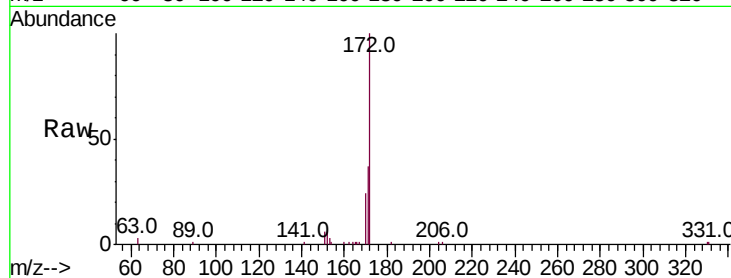




#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BN004962.D
Acq: 25 Mar 2019 15:56

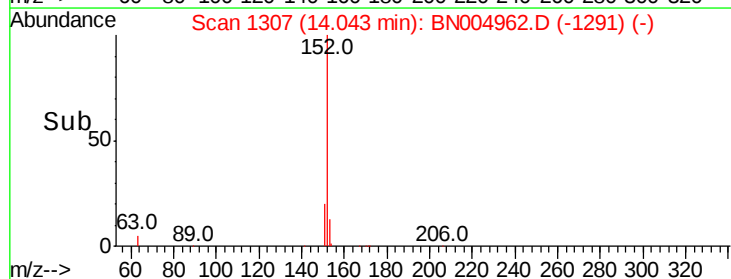
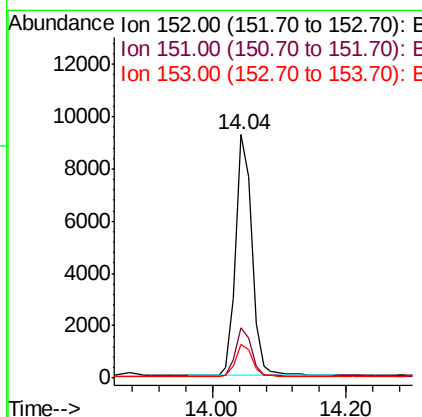
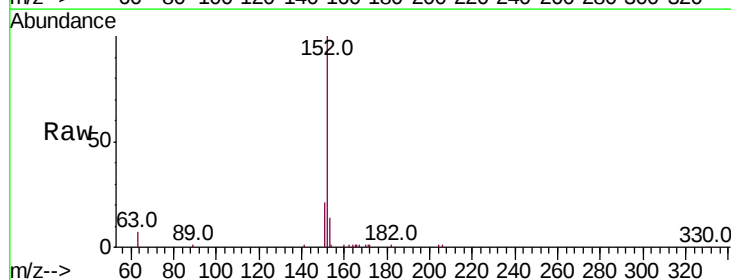
Instrument :
BNA_N
ClientSampleId :
PST-025-SW046-031319MSD

Tot Ion:172 Resp: 11146
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 24.2 18.7 28.1



#16
Acenaphthylene
Concen: 0.462 ng
RT: 14.04 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BN004962.D
Acq: 25 Mar 2019 15:56

Tgt Ion:152 Resp: 15441
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.419 ng

RT: 14.39 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

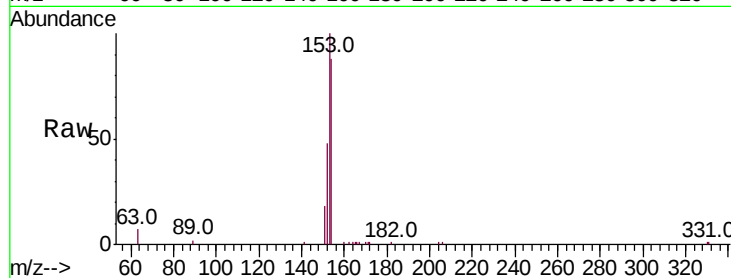
Tot Ion:154 Resp: 9170

Ion Ratio Lower Upper

154 100

153 113.8 91.4 137.2

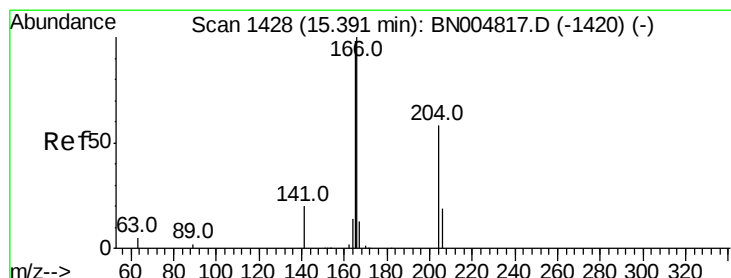
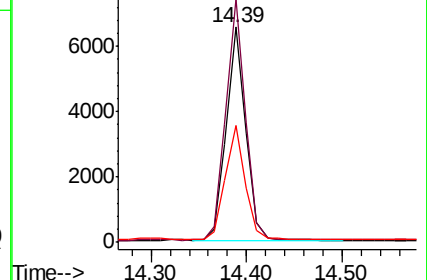
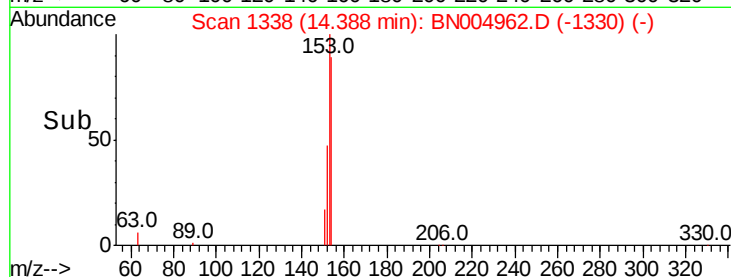
152 54.3 44.2 66.2



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: 0.377 ng

RT: 15.38 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

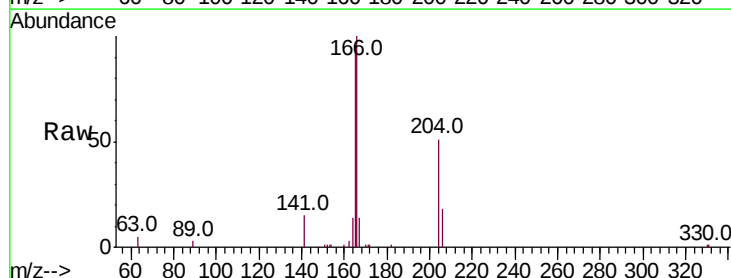
Tgt Ion:166 Resp: 11505

Ion Ratio Lower Upper

166 100

165 98.7 78.2 117.4

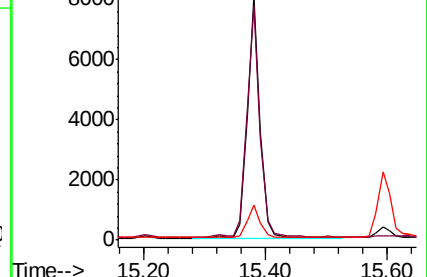
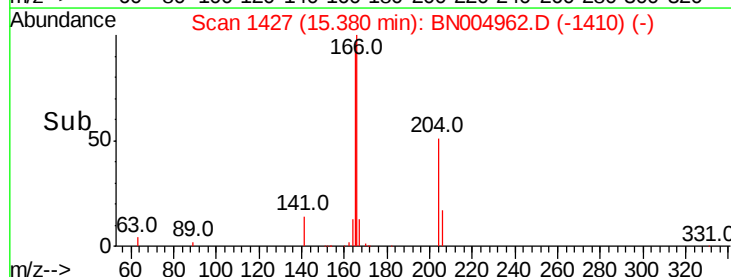
167 13.4 11.0 16.4

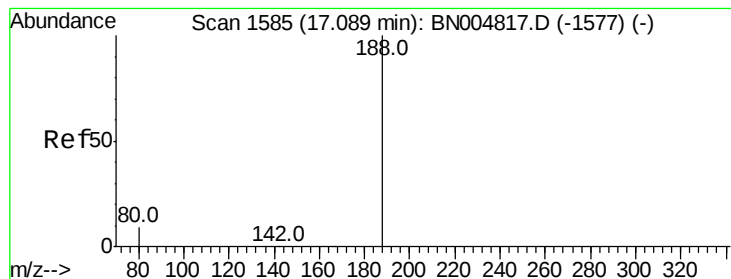


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN004962.D

Acq: 25 Mar 2019 15:56

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

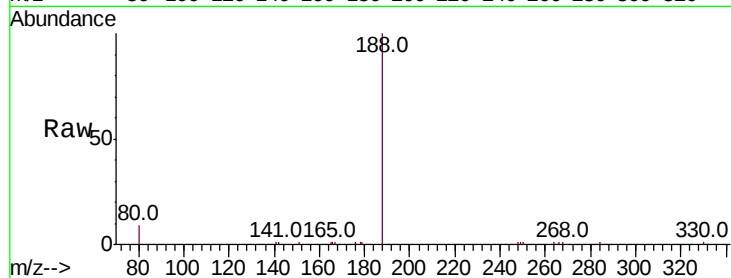
Tot Ion:188 Resp: 13228

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

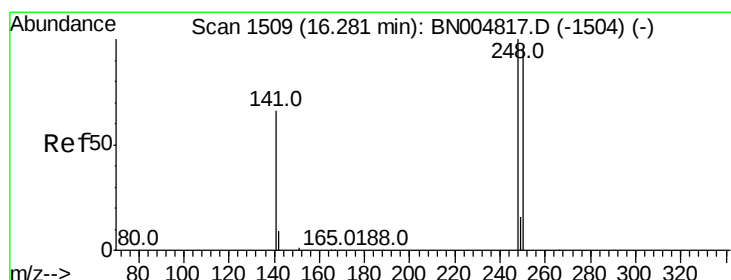
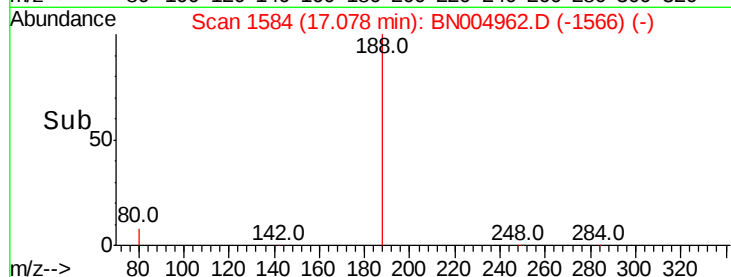
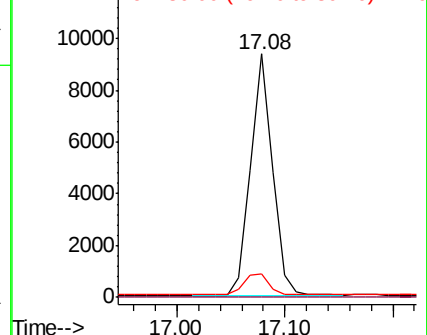
80 9.5 7.4 11.2



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: 0.424 ng

RT: 16.27 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

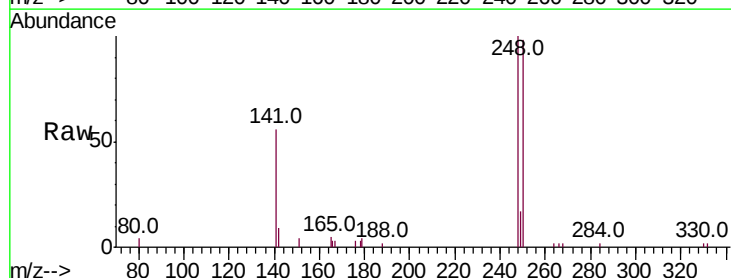
Tgt Ion:248 Resp: 3665

Ion Ratio Lower Upper

248 100

250 98.0 76.2 114.4

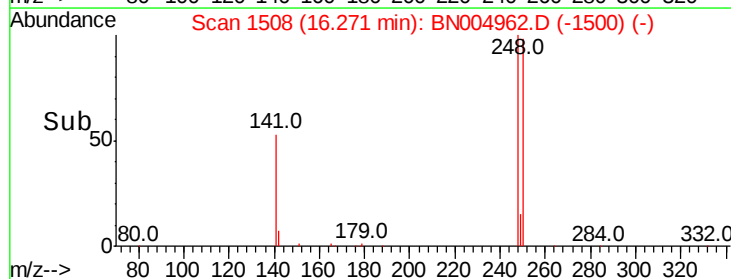
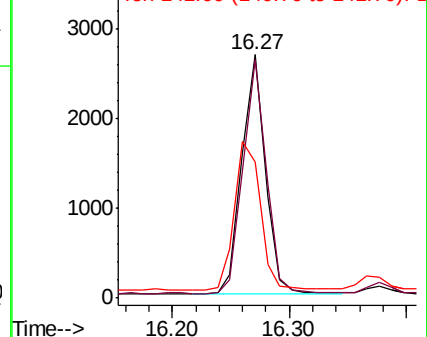
141 55.6 53.9 80.9

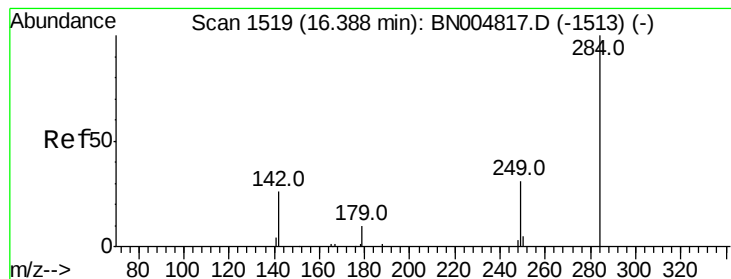


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.381 ng

RT: 16.38 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

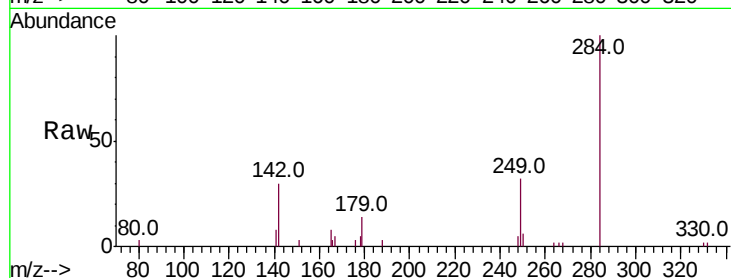
Tot Ion:284 Resp: 3768

Ion Ratio Lower Upper

284 100

142 33.0 22.6 34.0

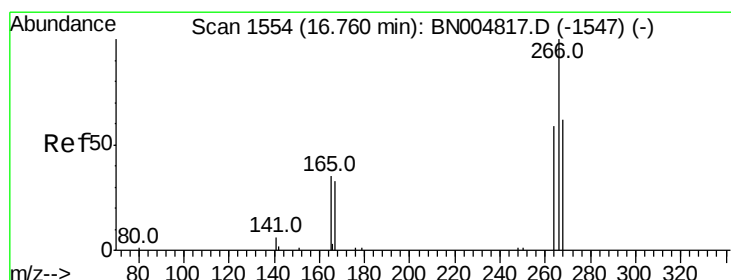
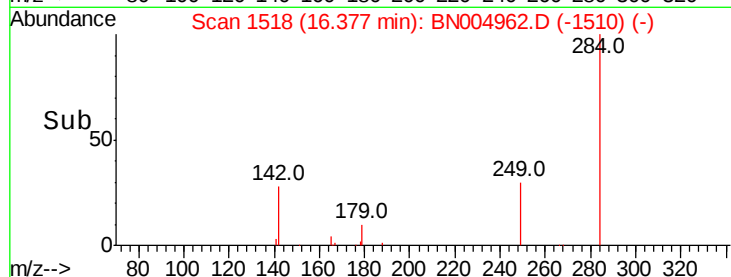
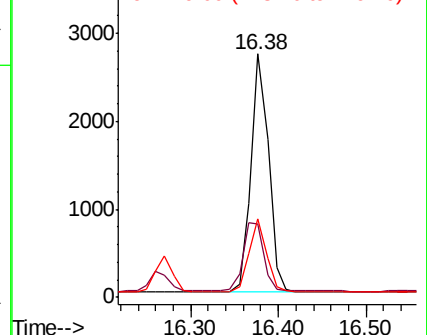
249 29.8 22.5 33.7



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: 1.091 ng

RT: 16.74 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

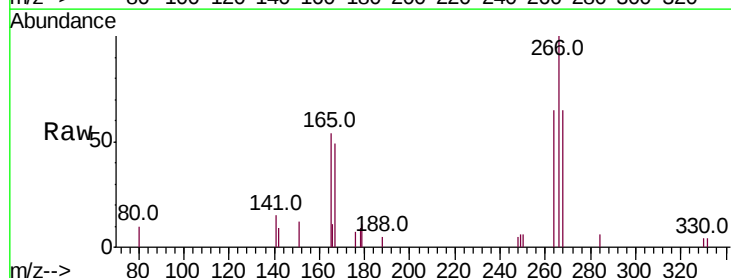
Tgt Ion:266 Resp: 2111

Ion Ratio Lower Upper

266 100

264 64.5 53.1 79.7

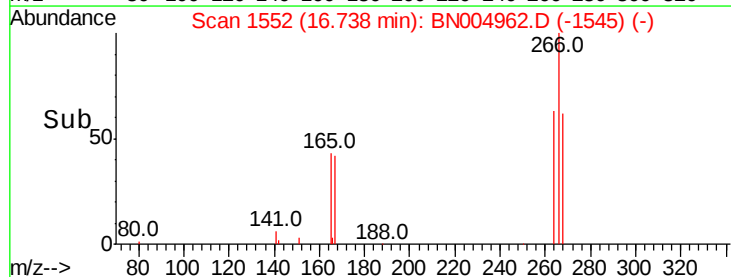
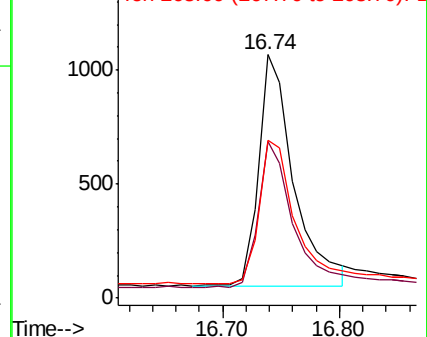
268 64.8 57.7 86.5

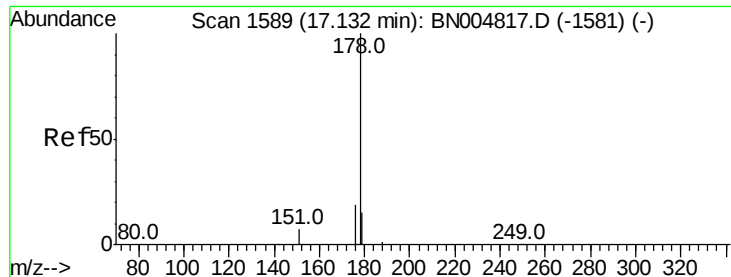


Abundance Ion 266.00 (265.70 to 266.70): E

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: BN004962.D

Acq: 25 Mar 2019 15:56

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

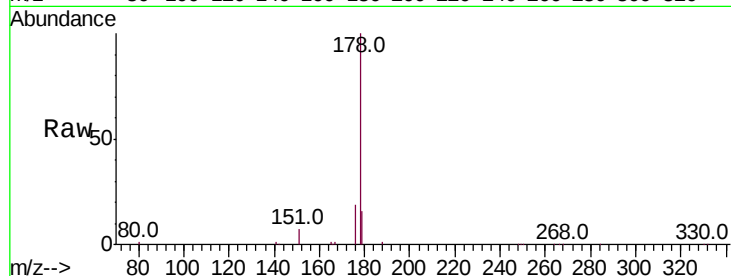
Tot Ion:178 Resp: 24655

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

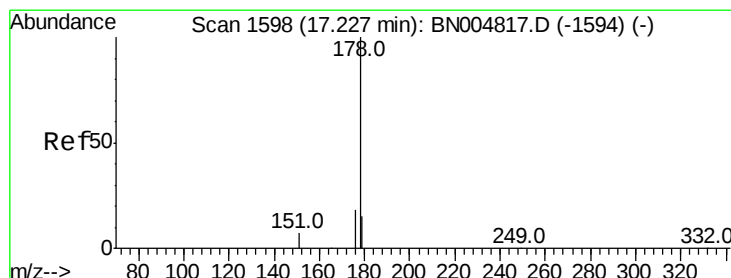
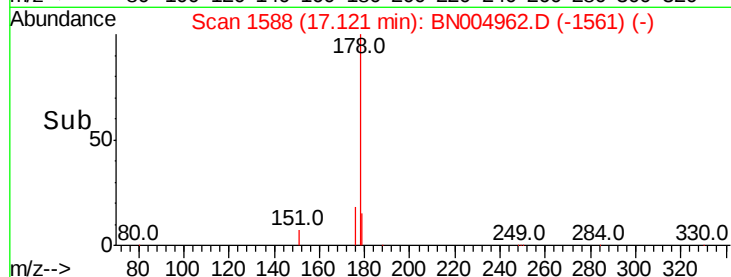
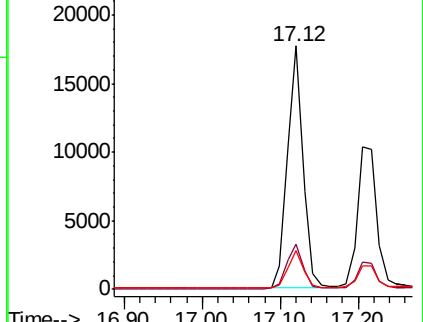
179 15.4 12.1 18.1



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: 0.467 ng

RT: 17.21 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

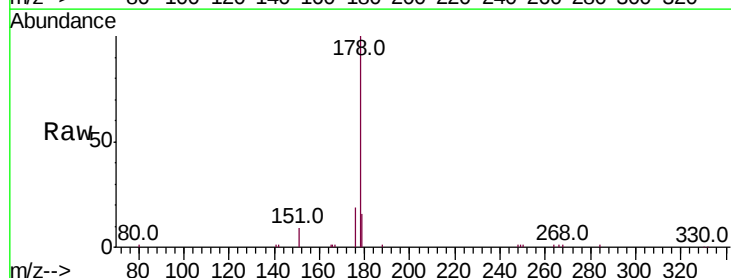
Tgt Ion:178 Resp: 17810

Ion Ratio Lower Upper

178 100

176 17.9 14.5 21.7

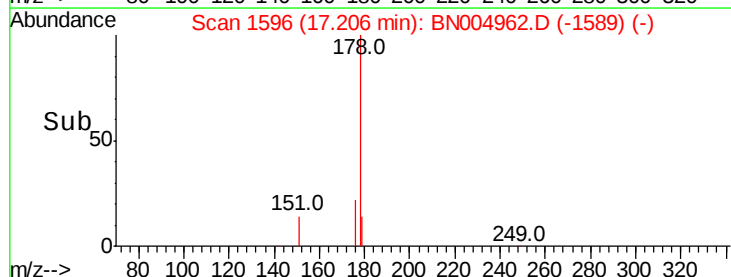
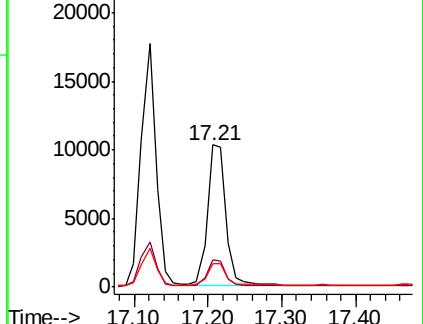
179 14.8 12.2 18.4

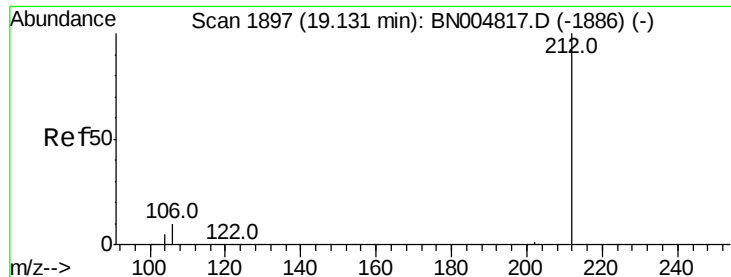


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.370 ng

RT: 19.12 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

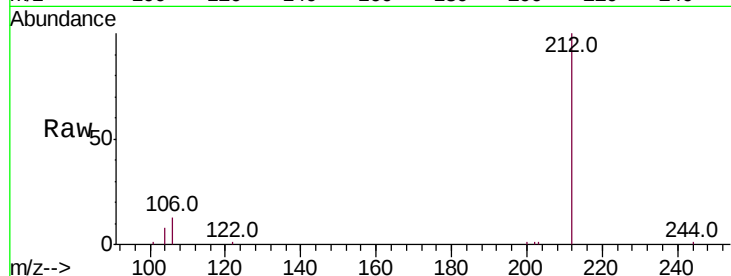
Tot Ion:212 Resp: 16388

Ion Ratio Lower Upper

212 100

106 12.6 8.6 13.0

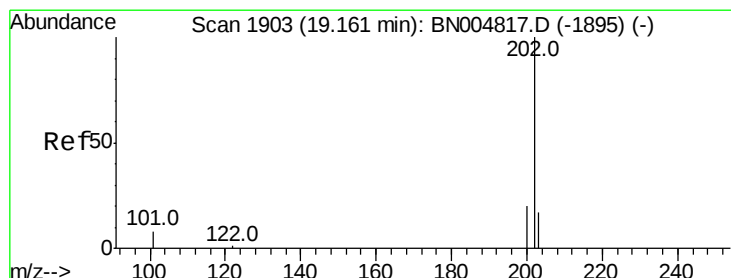
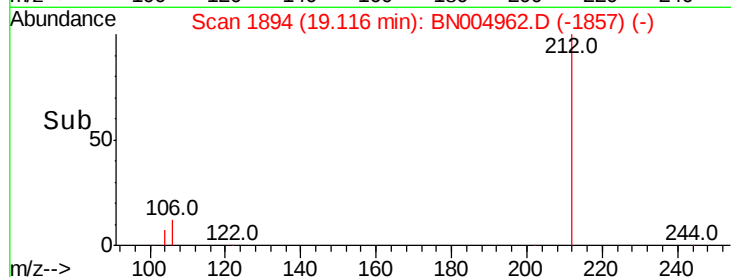
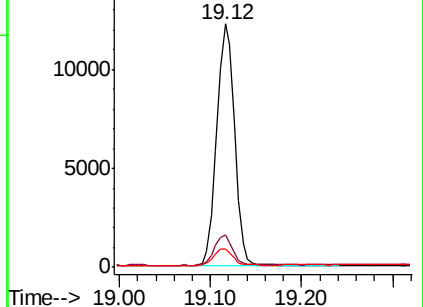
104 7.0 4.7 7.1



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: 0.767 ng

RT: 19.15 min Scan# 1900

Delta R.T. -0.02 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

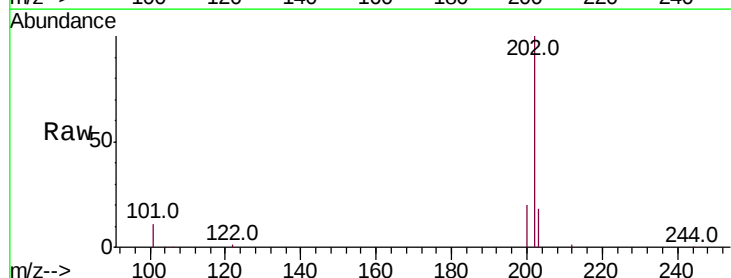
Tgt Ion:202 Resp: 42108

Ion Ratio Lower Upper

202 100

101 10.9 7.5 11.3

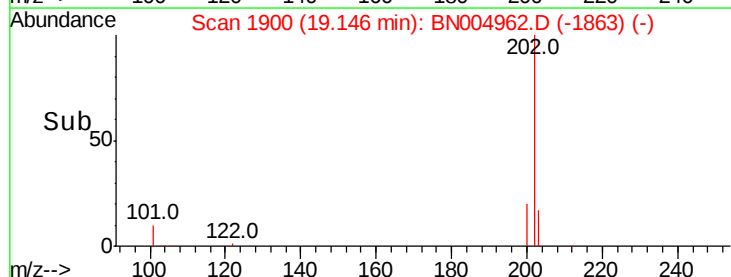
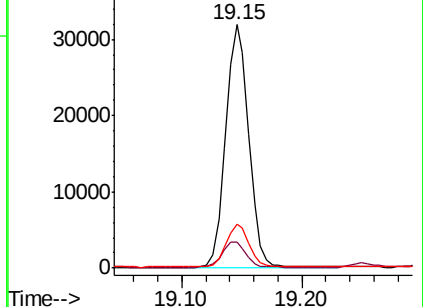
203 17.4 13.8 20.6

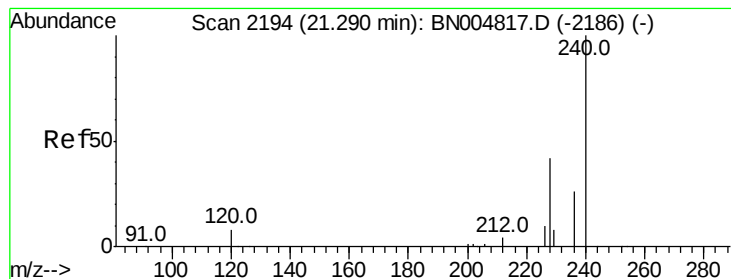


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN004962.D

Acq: 25 Mar 2019 15:56

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

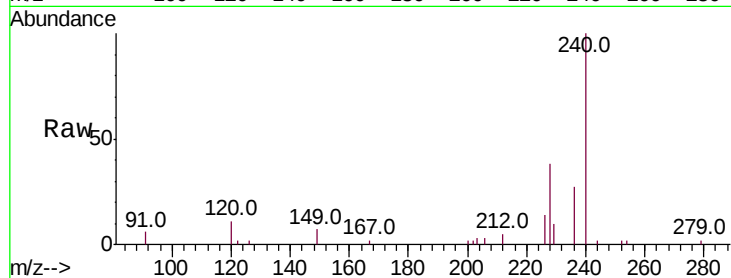
Tot Ion:240 Resp: 16546

Ion Ratio Lower Upper

240 100

120 11.2 7.2 10.8#

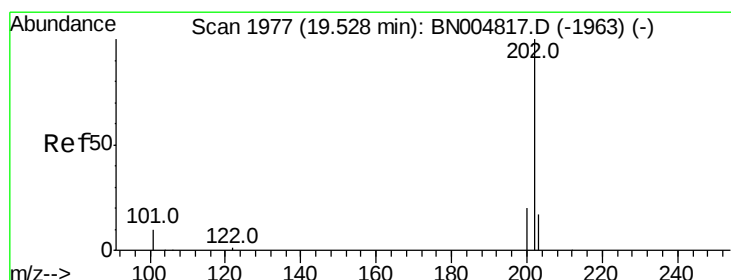
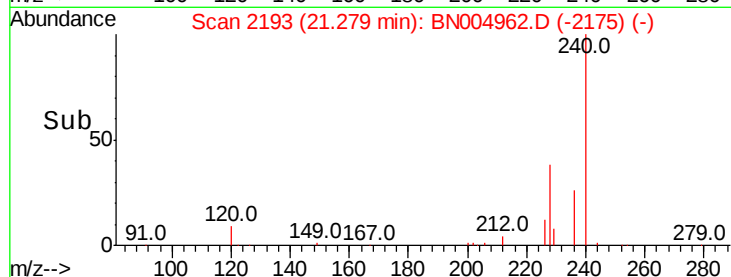
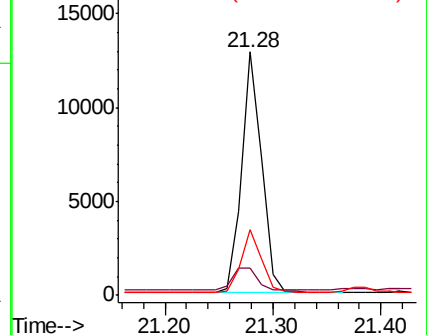
236 27.2 20.9 31.3



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: 0.808 ng

RT: 19.51 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

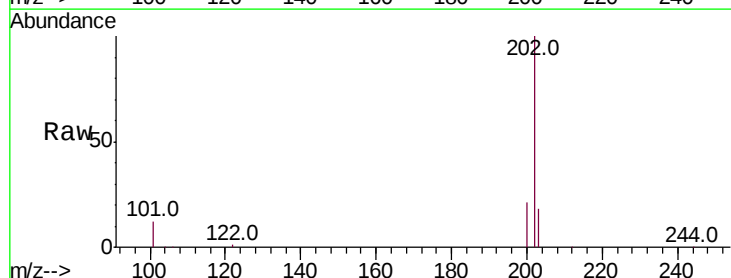
Tgt Ion:202 Resp: 40783

Ion Ratio Lower Upper

202 100

200 20.7 16.3 24.5

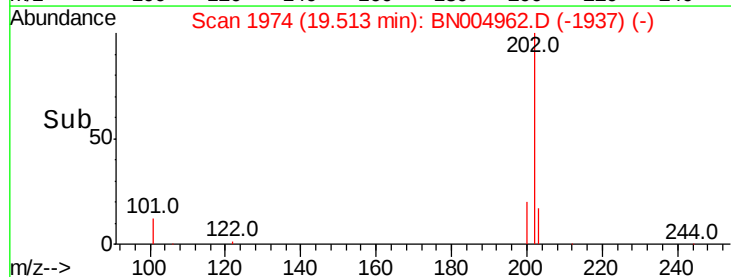
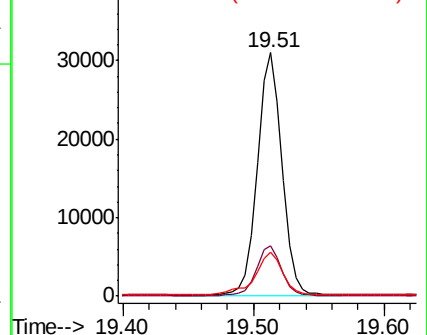
203 19.6 14.0 21.0

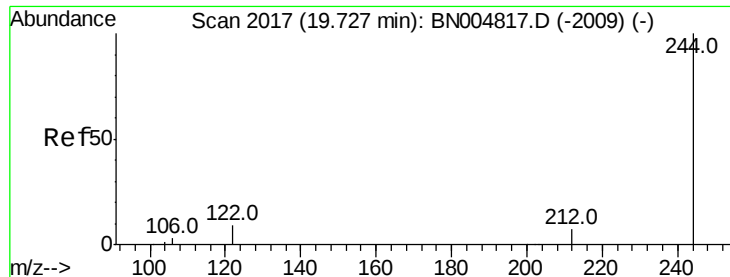


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.321 ng

RT: 19.72 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

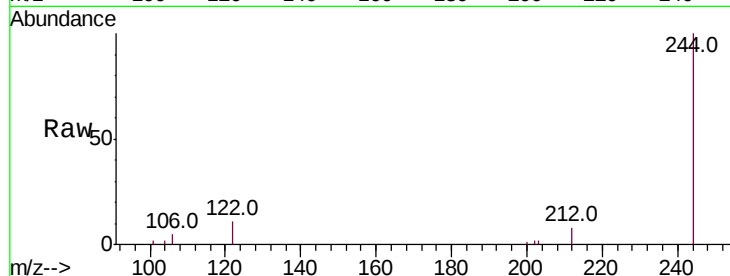
Tot Ion:244 Resp: 10866

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

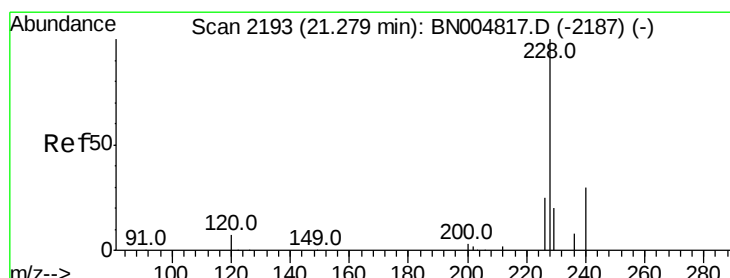
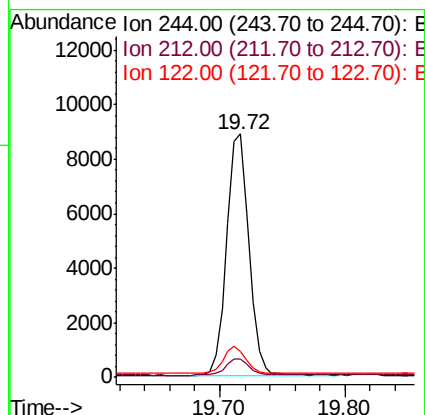
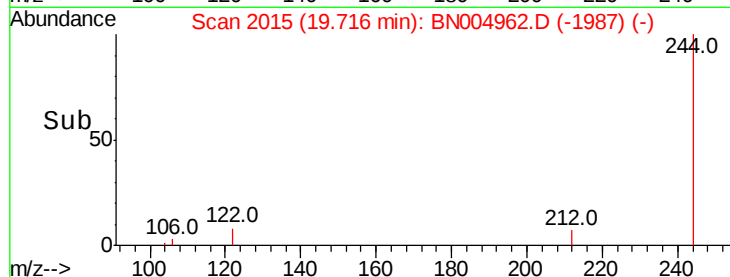
122 10.8 7.9 11.9



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: 0.614 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

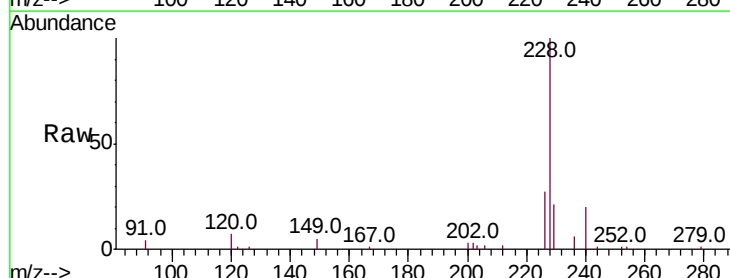
Tgt Ion:228 Resp: 33341

Ion Ratio Lower Upper

228 100

226 26.8 20.6 31.0

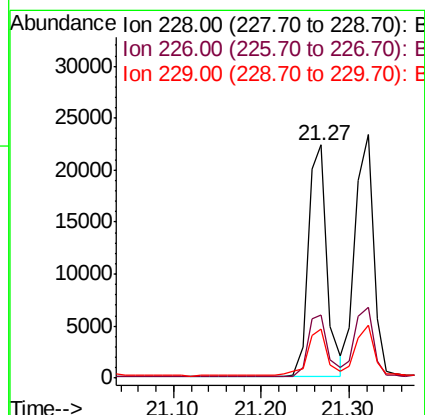
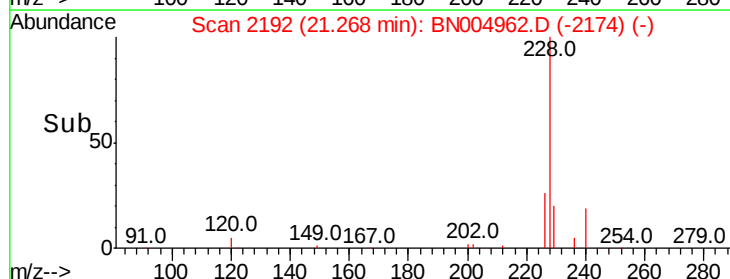
229 21.3 16.2 24.4



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: 0.588 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

Instrument :

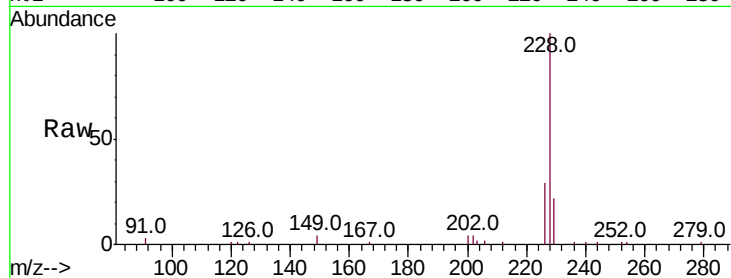
BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

Tot Ion:228 Resp: 33615

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.6
229	21.5	16.2	24.2

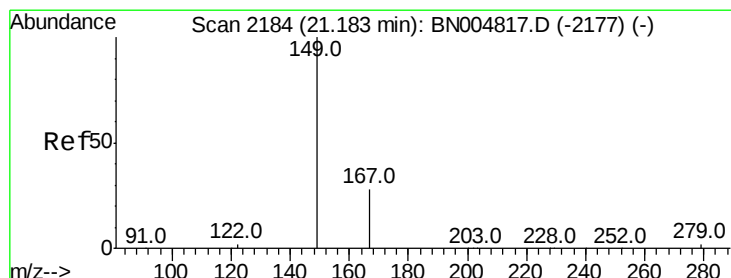
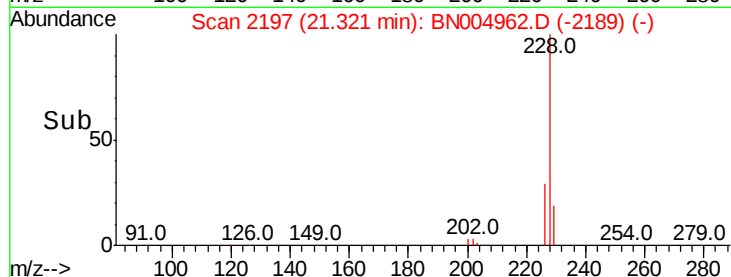
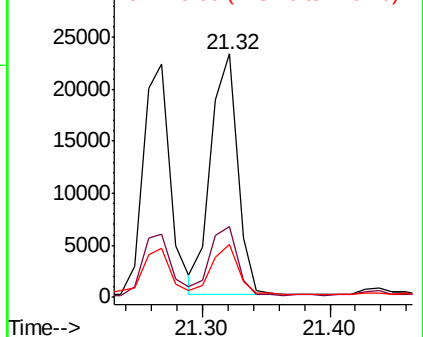


Abundance

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: 0.907 ng

RT: 21.17 min Scan# 2183

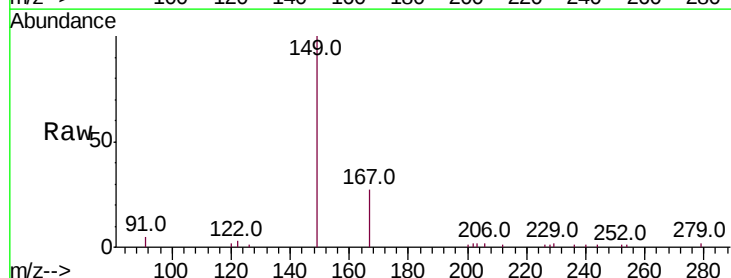
Delta R.T. -0.01 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

Tgt Ion:149 Resp: 19669

Ion	Ratio	Lower	Upper
149	100		
167	27.7	23.0	34.4
279	5.2	4.6	6.8

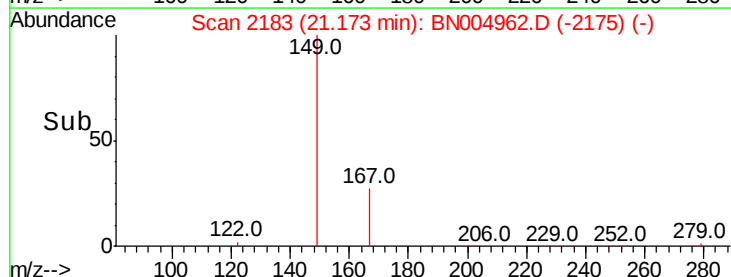
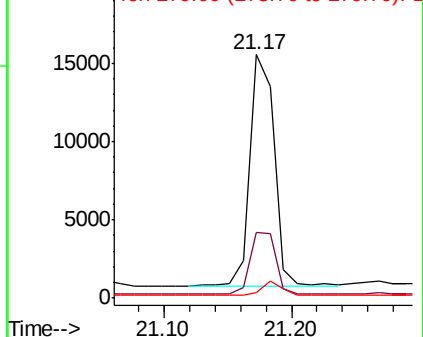


Abundance

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

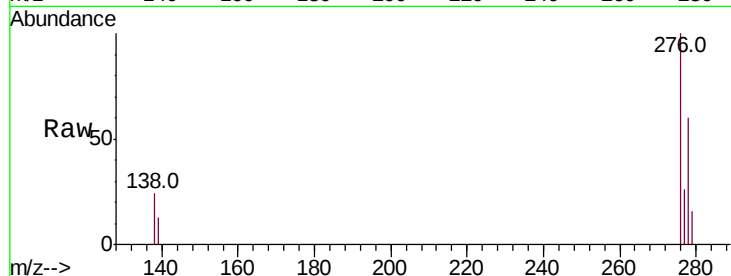




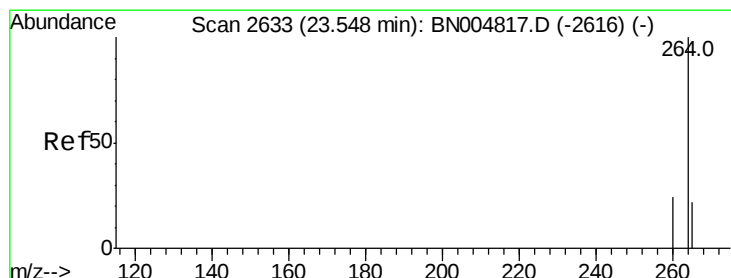
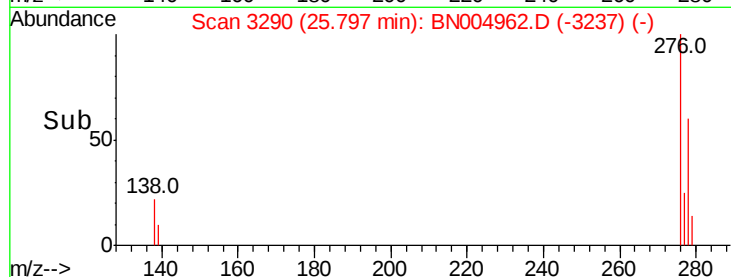
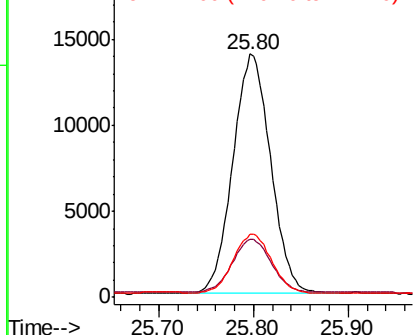
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.466 ng
 RT: 25.80 min Scan# 3290
 Delta R.T. -0.02 min
 Lab File: BN004962.D
 Acq: 25 Mar 2019 15:56

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

Tot Ion:276 Resp: 38560
 Ion Ratio Lower Upper
 276 100
 138 22.8 16.6 24.8
 277 25.0 20.3 30.5

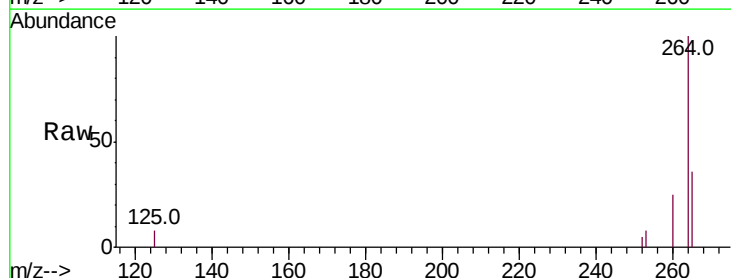


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

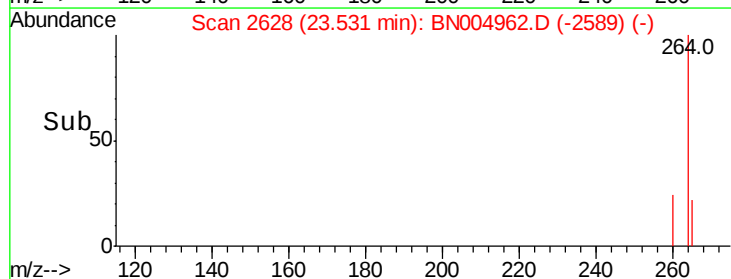
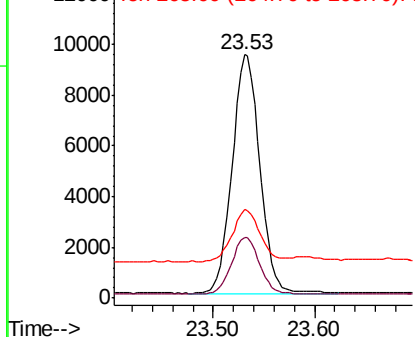


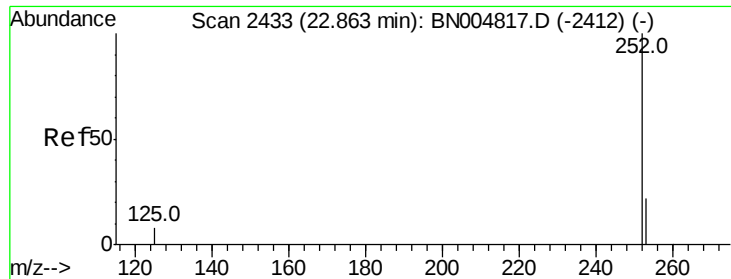
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.53 min Scan# 2628
 Delta R.T. -0.02 min
 Lab File: BN004962.D
 Acq: 25 Mar 2019 15:56

Tgt Ion:264 Resp: 17934
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.5 29.3
 265 36.2 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

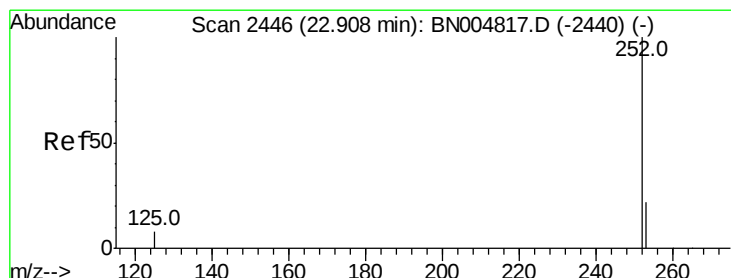
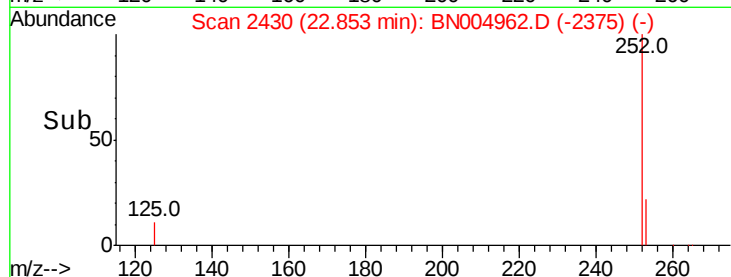
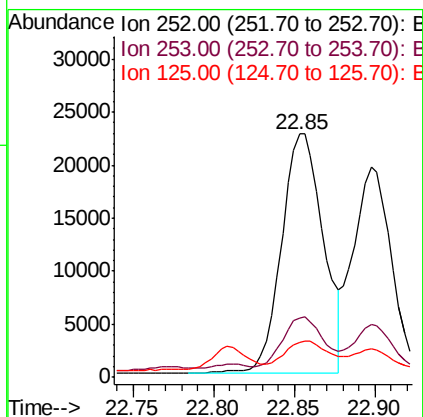
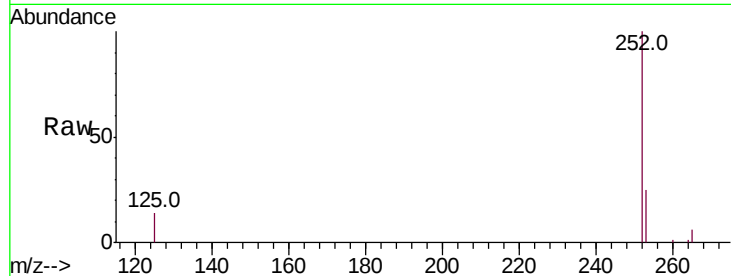




#35
Benzo(b)fluoranthene
Concen: 0.627 ng
RT: 22.85 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BN004962.D
Acq: 25 Mar 2019 15:56

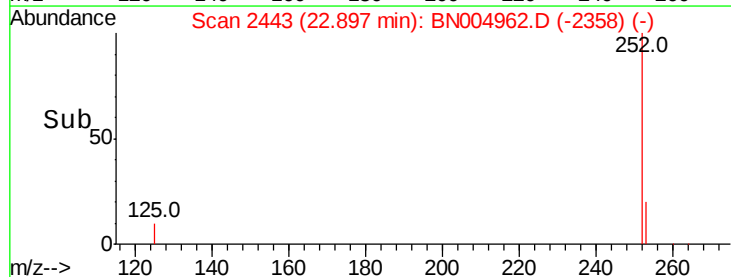
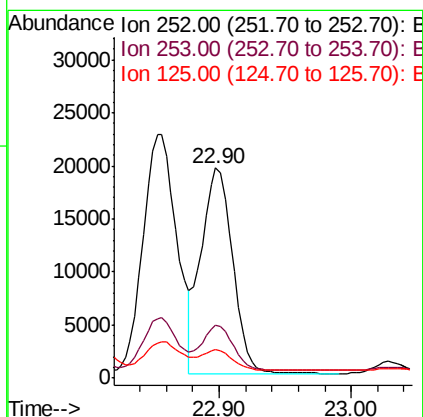
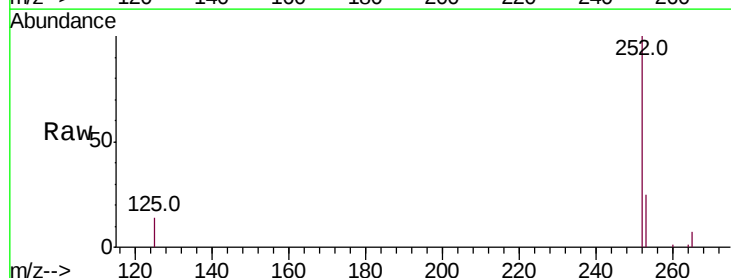
Instrument :
BNA_N
ClientSampleId :
PST-025-SW046-031319MSD

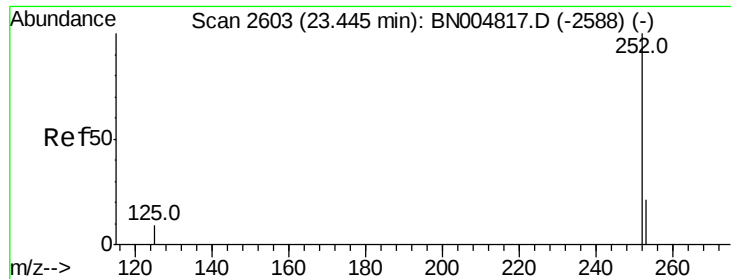
Tot Ion:252 Resp: 40671
Ion Ratio Lower Upper
252 100
253 24.6 19.0 28.4
125 14.4 7.4 11.2#



#36
Benzo(k)fluoranthene
Concen: 0.503 ng
RT: 22.90 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BN004962.D
Acq: 25 Mar 2019 15:56

Tgt Ion:252 Resp: 32113
Ion Ratio Lower Upper
252 100
253 25.0 19.3 28.9
125 13.6 7.4 11.0#

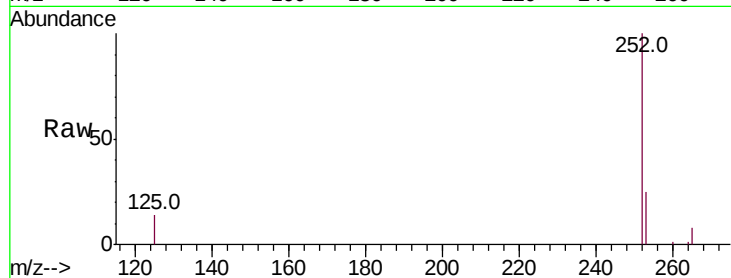




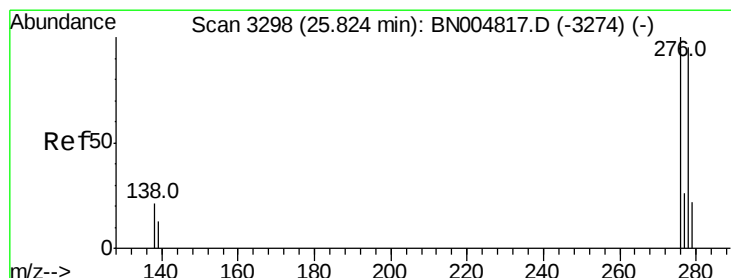
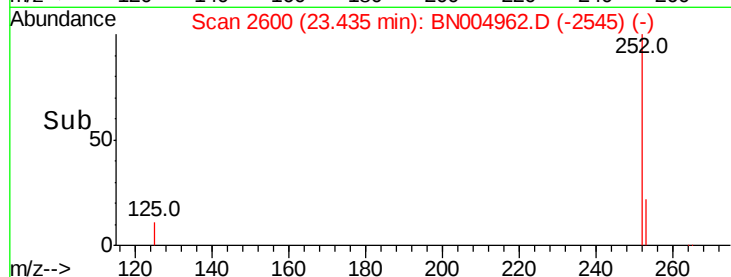
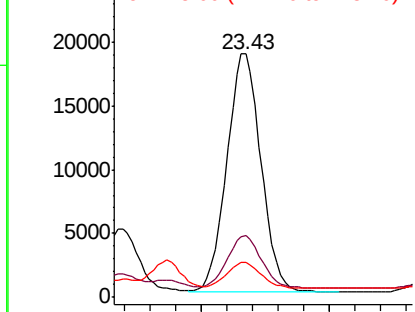
#37
Benzo(a)pyrene
Concen: 0.580 ng
RT: 23.43 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BN004962.D
Acq: 25 Mar 2019 15:56

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

Tot Ion:252 Resp: 34508
Ion Ratio Lower Upper
252 100
253 25.5 19.7 29.5
125 14.2 8.3 12.5#

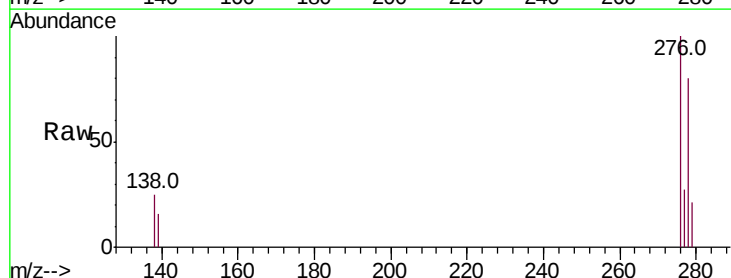


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

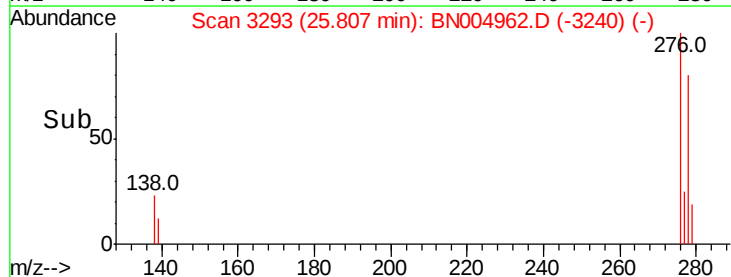
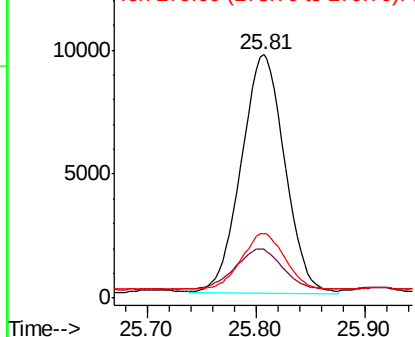


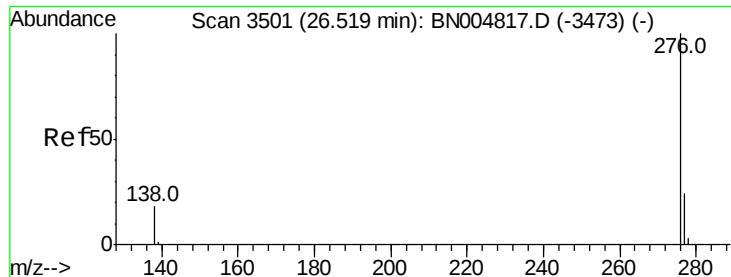
#38
Dibenzo(a,h)anthracene
Concen: 0.388 ng
RT: 25.81 min Scan# 3293
Delta R.T. -0.02 min
Lab File: BN004962.D
Acq: 25 Mar 2019 15:56

Tgt Ion:278 Resp: 26763
Ion Ratio Lower Upper
278 100
139 20.1 11.7 17.5#
279 26.7 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(a,h,i)perylene

Concen: 0.488 ng

RT: 26.49 min Scan# 3494

Delta R.T. -0.02 min

Lab File: BN004962.D

Acq: 25 Mar 2019 15:56

Instrument :

BNA_N

ClientSampleId :

PST-025-SW046-031319MSD

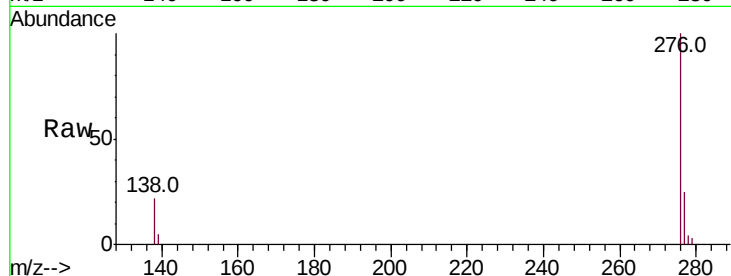
Tot Ion:276 Resp: 34269

Ion Ratio Lower Upper

276 100

277 25.1 19.7 29.5

138 22.0 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

