

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032319\
 Data File : BN004925.D
 Acq On : 23 Mar 2019 17:54
 Operator : JU/SJ
 Sample : K1948-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-025-SW080-031319

Quant Time: Mar 24 01:01:10 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	2521	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	10440	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	5559	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	13303	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	17959	0.40	ng	-0.01
34) Perylene-d12	23.53	264	20753	0.40	ng	-0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.28	112	2936	0.43	ng	0.00
5) Phenol-d6	6.86	99	4126	0.48	ng	-0.02
8) Nitrobenzene-d5	8.84	82	3139	0.45	ng	-0.03
11) 2-Methylnaphthalene-d10	12.07	152	6345	0.35	ng	-0.01
14) 2,4,6-Tribromophenol	15.83	330	1502	0.39	ng	-0.02
15) 2-Fluorobiphenyl	12.95	172	8426	0.37	ng	-0.01
25) Fluoranthene-d10	19.12	212	15394	0.35	ng	-0.01
29) Terphenyl-d14	19.72	244	9758	0.27	ng	0.00

Target Compounds

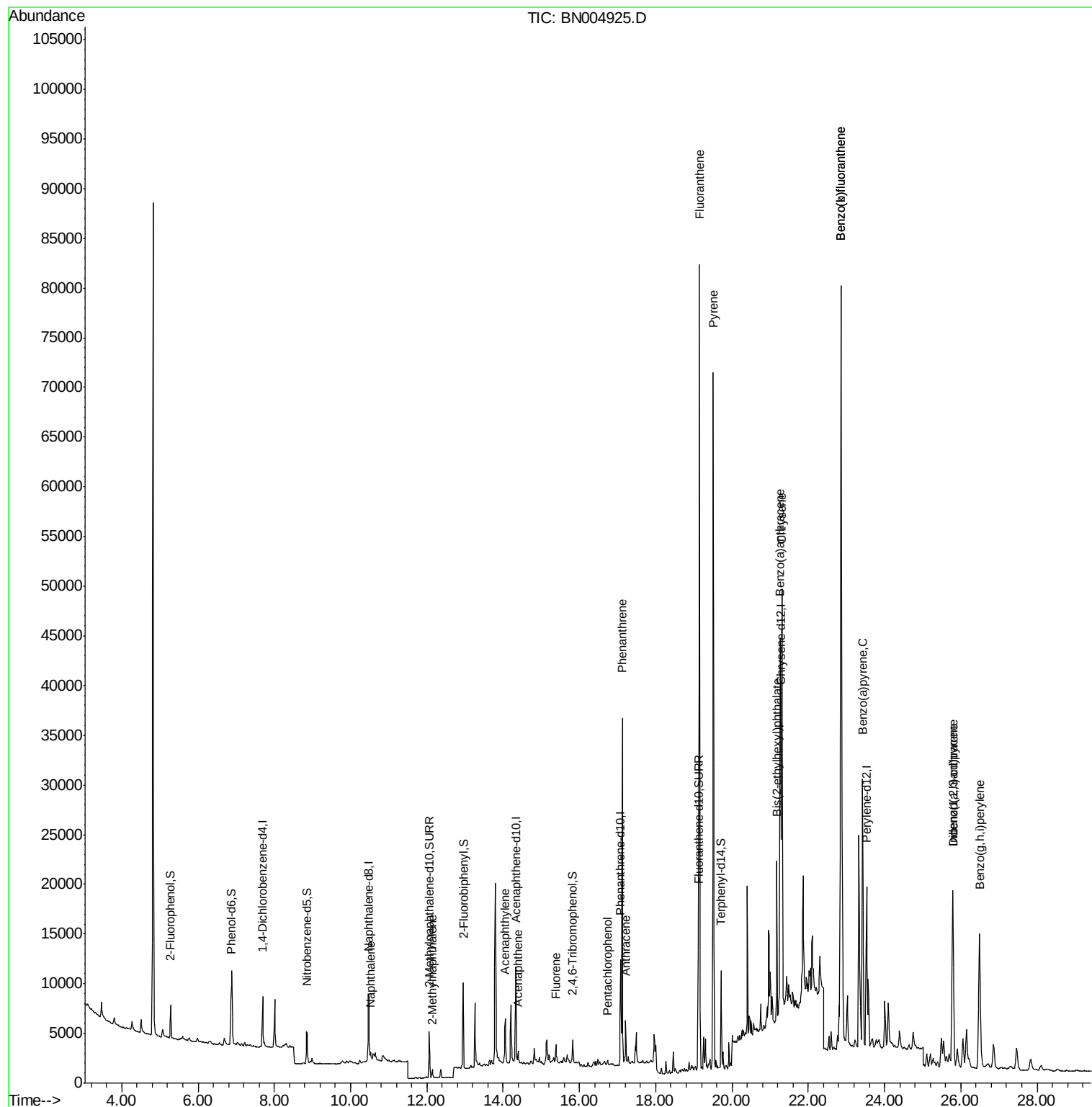
						Qvalue
9) Naphthalene	10.52	128	1031	0.035	ng	# 81
12) 2-Methylnaphthalene	12.14	142	618	0.028	ng	# 91
16) Acenaphthylene	14.05	152	5567	0.194	ng	98
17) Acenaphthene	14.39	154	574	0.031	ng	# 87
18) Fluorene	15.38	166	1429	0.055	ng	# 89
22) Pentachlorophenol	16.74	266	69	0.035	ng	# 77
23) Phenanthrene	17.12	178	34386	0.801	ng	99
24) Anthracene	17.22	178	4601	0.120	ng	# 94
26) Fluoranthene	19.15	202	69432	1.258	ng	98
28) Pyrene	19.51	202	63228	1.155	ng	97
30) Benzo(a)anthracene	21.26	228	32253	0.548	ng	96
31) Chrysene	21.31	228	40938	0.660	ng	96
32) Bis(2-ethylhexyl)phthalate	21.17	149	13356	0.568	ng	100
33) Indeno(1,2,3-cd)pyrene	25.79	276	27769	0.309	ng	99
35) Benzo(b)fluoranthene	22.85	252	58999	0.786	ng	# 10
36) Benzo(k)fluoranthene	22.85	252	58999	0.799	ng	# 12
37) Benzo(a)pyrene	23.43	252	36558	0.531	ng	# 93
38) Dibenzo(a,h)anthracene	25.79	278	7144	0.090	ng	# 62
39) Benzo(g,h,i)perylene	26.49	276	27993	0.344	ng	# 95

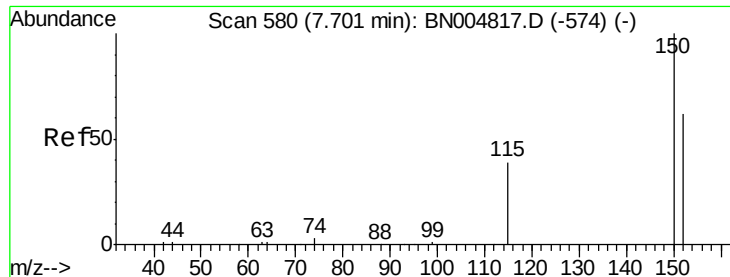
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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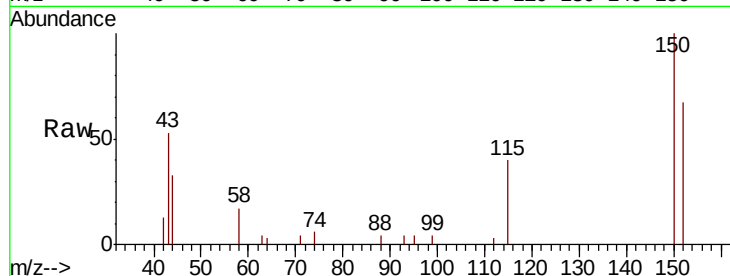


#1

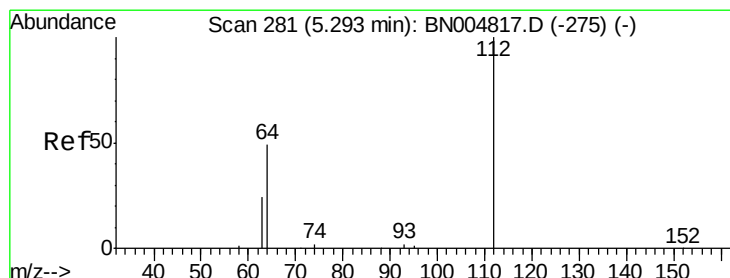
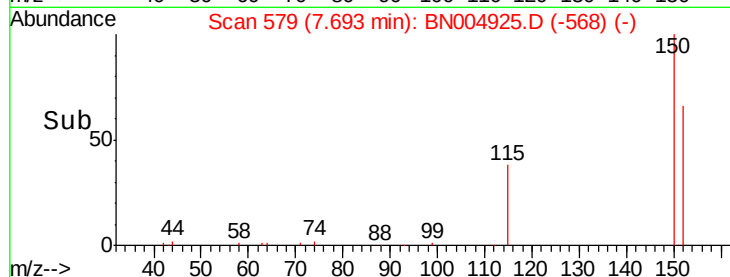
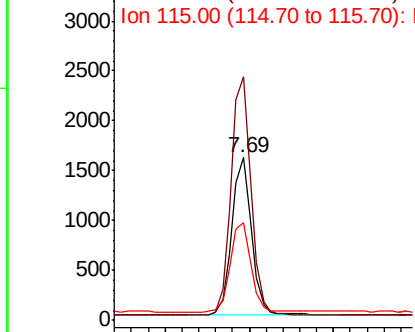
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. -0.01 min
Lab File: BN004925.D
Acq: 23 Mar 2019 17:54

Instrument :
BNA_N
ClientSampleId :
PST-025-SW080-031319

Tgt Ion:152 Resp: 2521
Ion Ratio Lower Upper
152 100
150 149.8 126.2 189.4
115 60.5 52.6 79.0



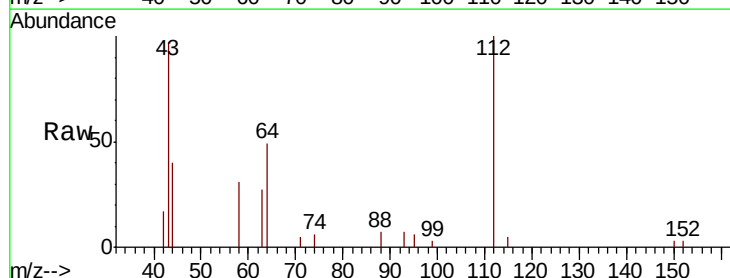
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



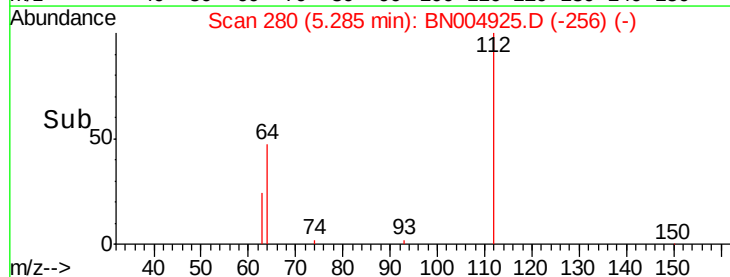
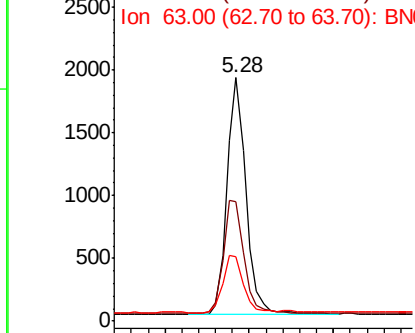
#4

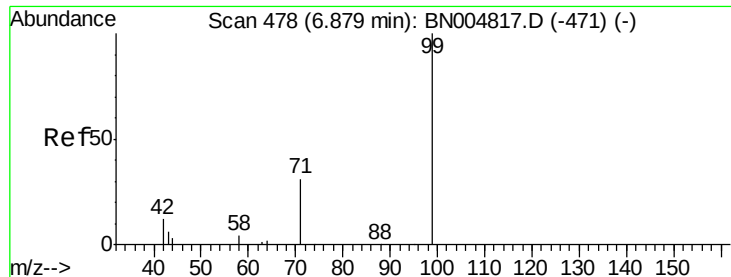
2-Fluorophenol
Concen: 0.429 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004925.D
Acq: 23 Mar 2019 17:54

Tgt Ion:112 Resp: 2936
Ion Ratio Lower Upper
112 100
64 51.4 40.0 60.0
63 25.9 20.2 30.2



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





#5

Phenol-d6

Concen: 0.484 ng

RT: 6.86 min Scan# 476

Delta R.T. -0.02 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

Instrument :

BNA_N

ClientSampleId :

PST-025-SW080-031319

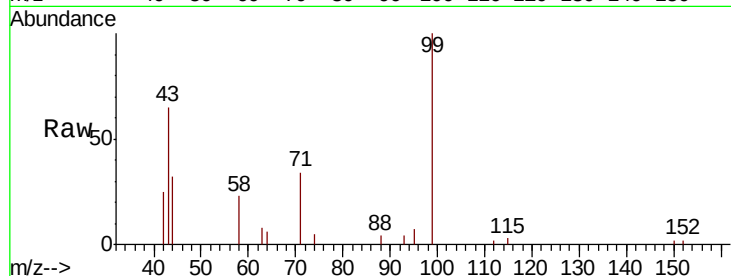
Tgt Ion: 99 Resp: 4126

Ion Ratio Lower Upper

99 100

42 26.5 12.7 19.1#

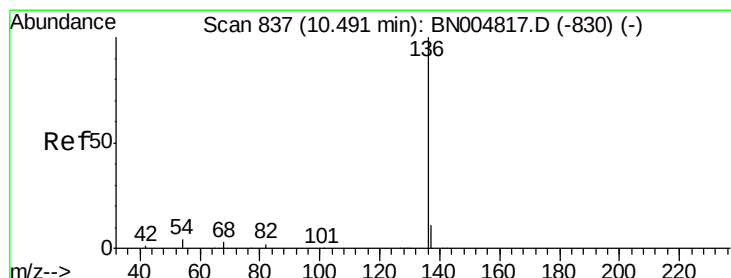
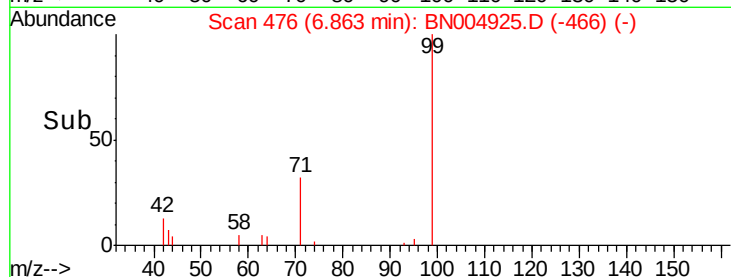
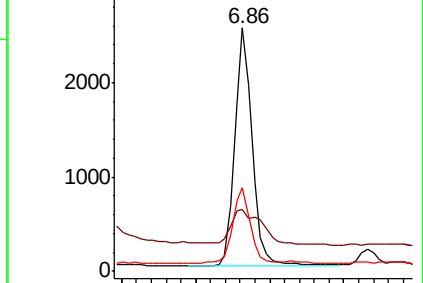
71 32.5 26.6 40.0



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) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

Tgt Ion: 136 Resp: 10440

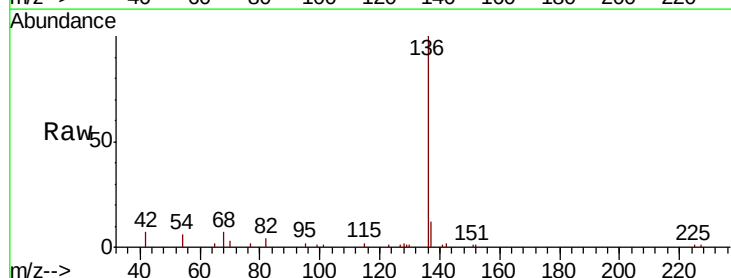
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 5.9 4.2 6.2

68 7.0 3.9 5.9#

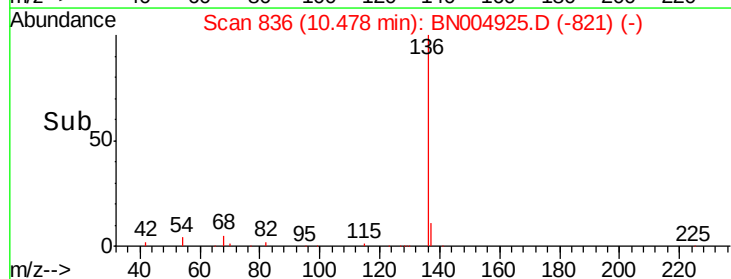
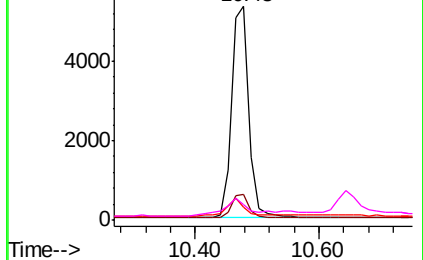


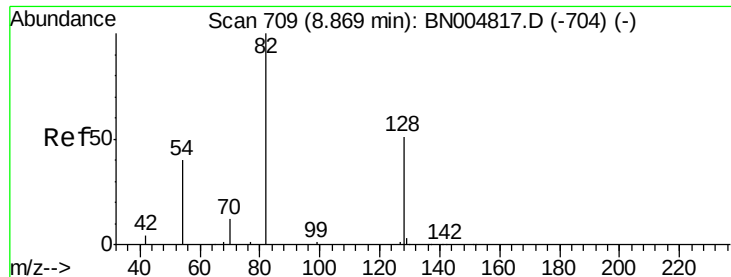
Abundance Ion 136.00 (135.70 to 136.70): BN004817.D (-830) (-)

Ion 137.00 (136.70 to 137.70): BN004817.D (-830) (-)

Ion 54.00 (53.70 to 54.70): BN004817.D (-830) (-)

Ion 68.00 (67.70 to 68.70): BN004817.D (-830) (-)





#8

Nitrobenzene-d5

Concen: 0.455 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.03 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

Instrument :

BNA_N

ClientSampleId :

PST-025-SW080-031319

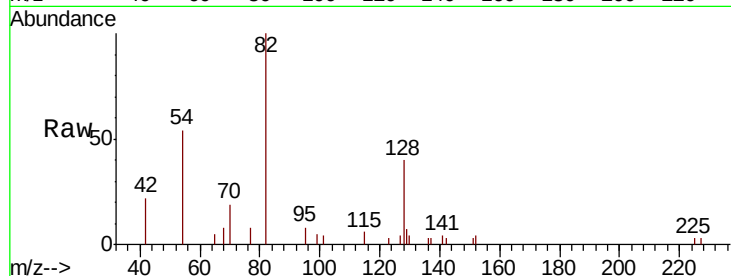
Tgt Ion: 82 Resp: 3139

Ion Ratio Lower Upper

82 100

128 40.3 43.0 64.6#

54 53.8 35.3 52.9#



Abundance Ion 82.00 (81.70 to 82.70): BN004817.D (-704) (-)

Ion 128.00 (127.70 to 128.70): BN004817.D (-704) (-)

Ion 54.00 (53.70 to 54.70): BN004817.D (-704) (-)

8.84

1500

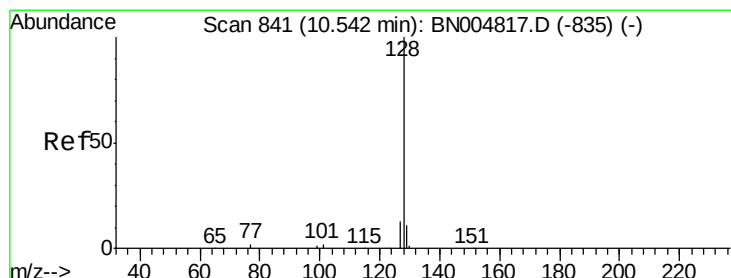
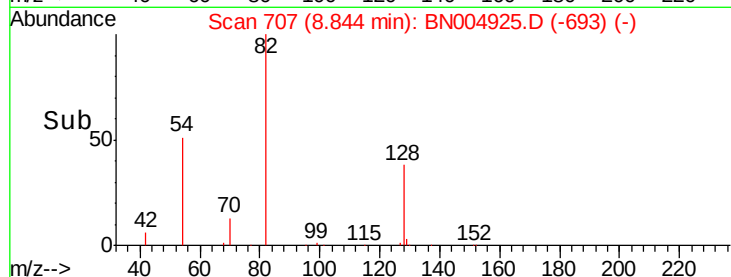
1000

500

0

8.70 8.80 8.90 9.00

Time-->



#9

Naphthalene

Concen: 0.035 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.03 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

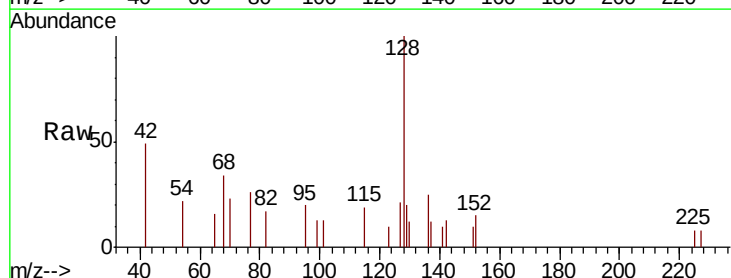
Tgt Ion: 128 Resp: 1031

Ion Ratio Lower Upper

128 100

129 20.4 9.9 14.9#

127 21.2 11.3 16.9#



Abundance Ion 128.00 (127.70 to 128.70): BN004817.D (-835) (-)

Ion 129.00 (128.70 to 129.70): BN004817.D (-835) (-)

Ion 127.00 (126.70 to 127.70): BN004817.D (-835) (-)

10.52

800

600

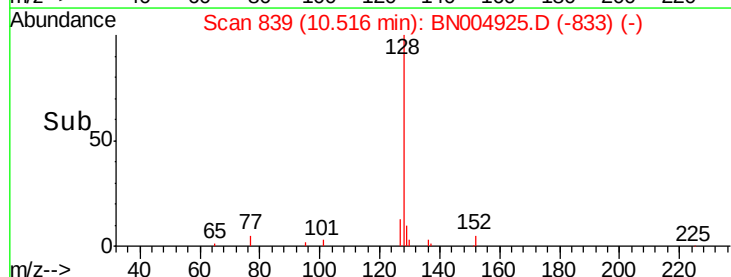
400

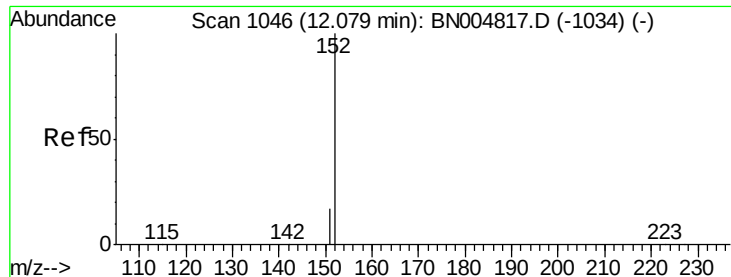
200

0

10.50 10.60

Time-->

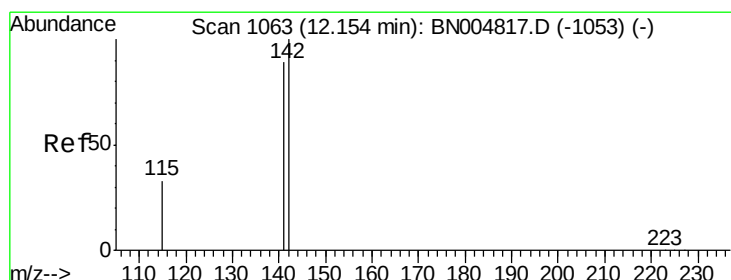
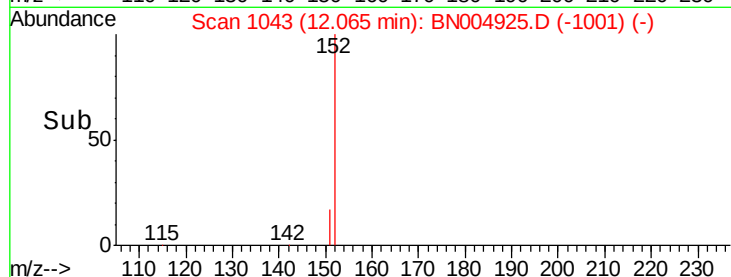
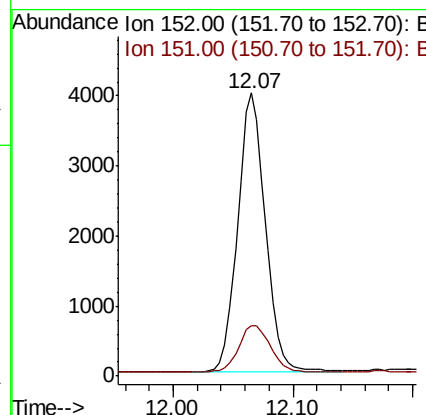
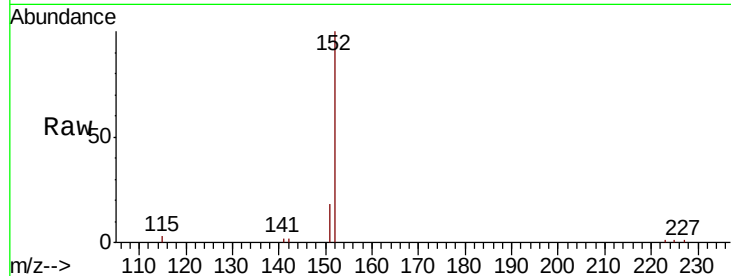




#11
 2-Methylnaphthalene-d10
 Concen: 0.348 ng
 RT: 12.07 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BN004925.D
 Acq: 23 Mar 2019 17:54

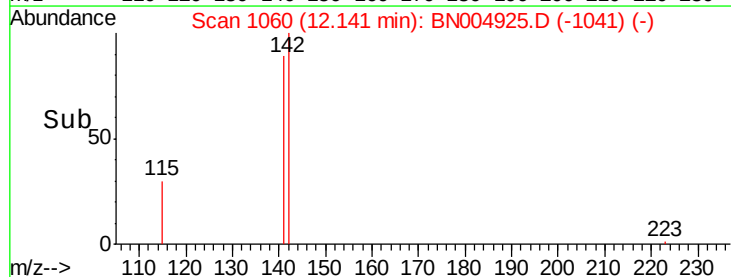
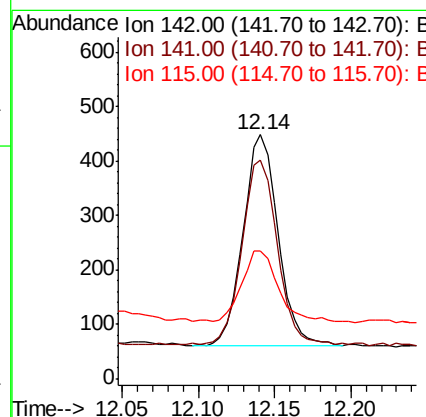
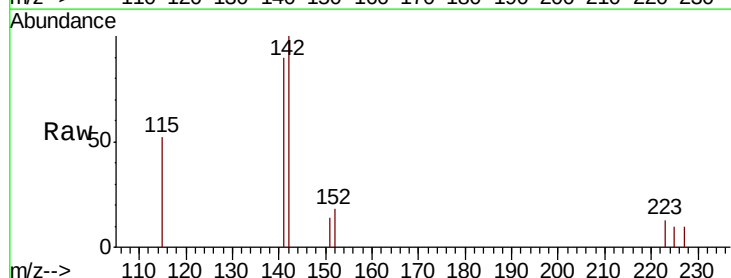
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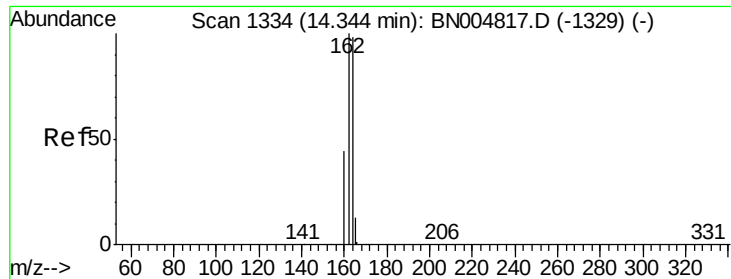
Tgt Ion:152 Resp: 6345
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.028 ng
 RT: 12.14 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BN004925.D
 Acq: 23 Mar 2019 17:54

Tgt Ion:142 Resp: 618
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.4 107.2
 115 52.0 27.5 41.3#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

Instrument :

BNA_N

ClientSampleId :

PST-025-SW080-031319

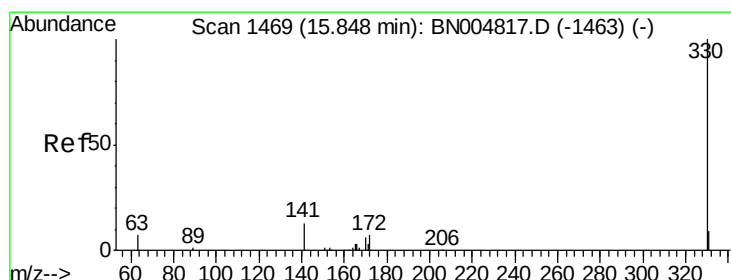
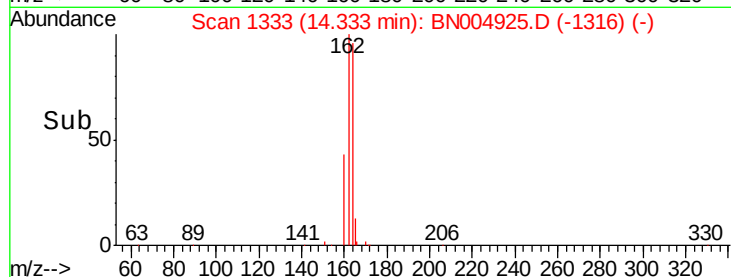
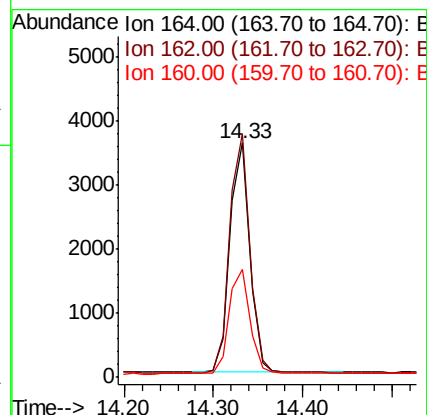
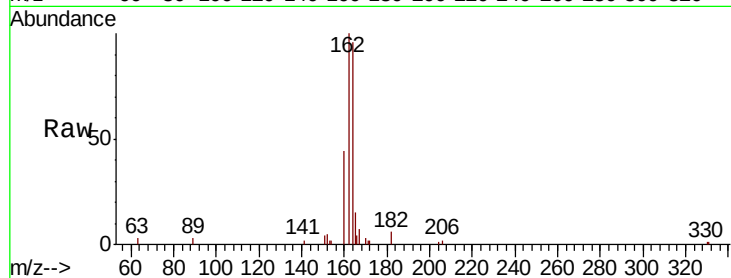
Tgt Ion:164 Resp: 5559

Ion Ratio Lower Upper

164 100

162 103.9 81.9 122.9

160 46.2 36.6 54.8



#14

2,4,6-Tribromophenol

Concen: 0.391 ng

RT: 15.83 min Scan# 1467

Delta R.T. -0.02 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

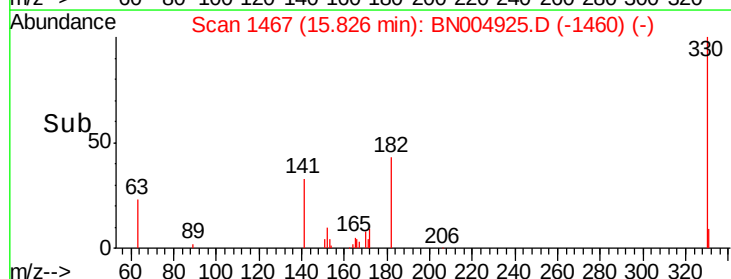
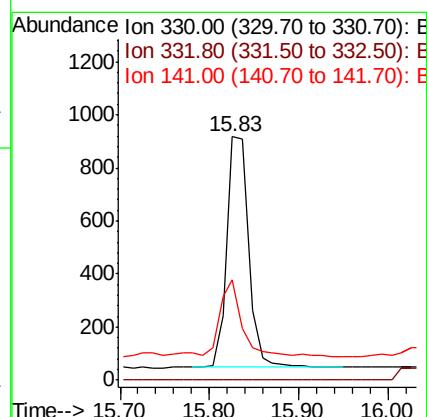
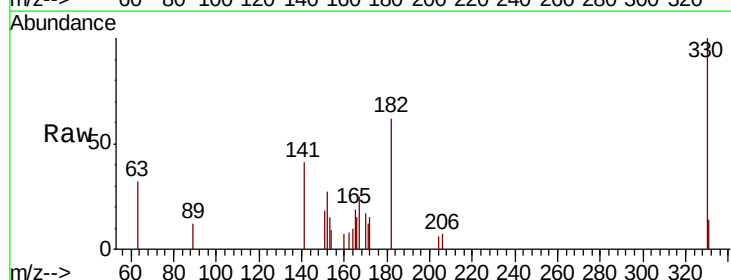
Tgt Ion:330 Resp: 1502

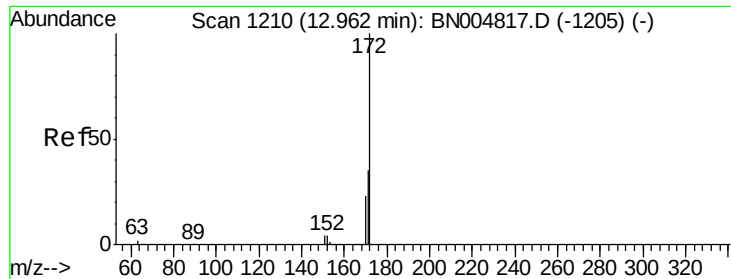
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 35.5 20.9 31.3#

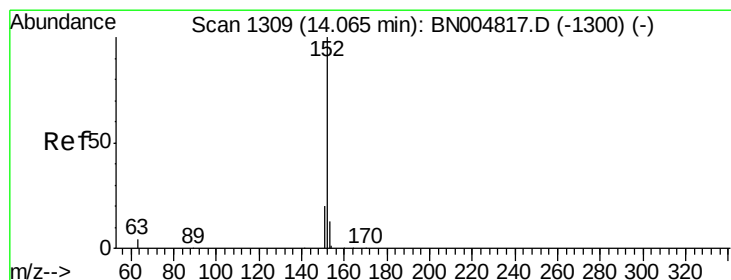
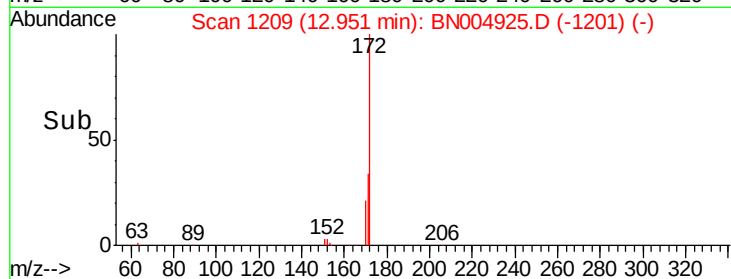
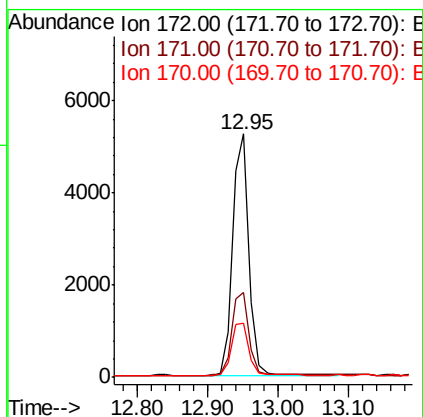
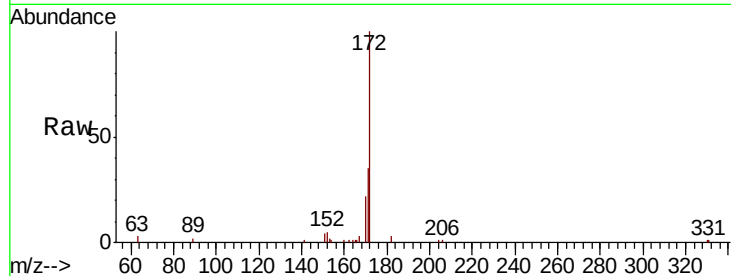




#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004925.D
Acq: 23 Mar 2019 17:54

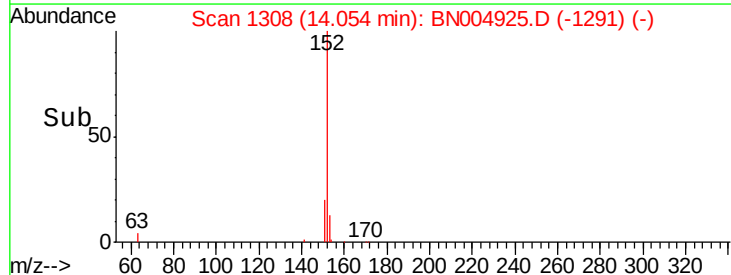
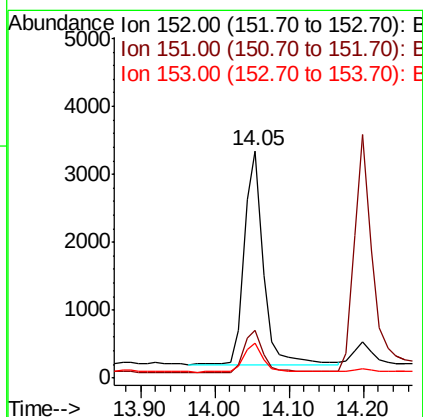
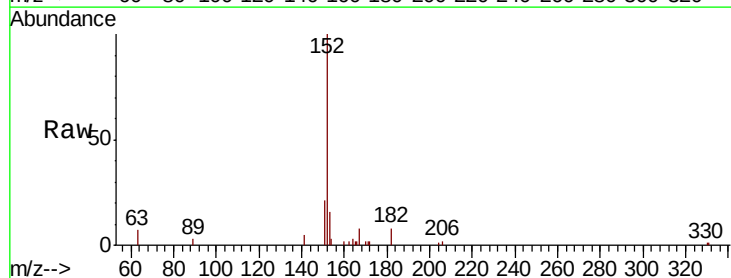
Instrument :
BNA_N
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PST-025-SW080-031319

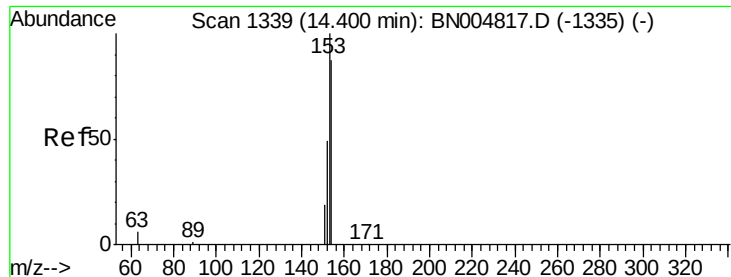
Tgt Ion:172 Resp: 8426
Ion Ratio Lower Upper
172 100
171 34.6 28.7 43.1
170 22.2 18.7 28.1



#16
Acenaphthylene
Concen: 0.194 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004925.D
Acq: 23 Mar 2019 17:54

Tgt Ion:152 Resp: 5567
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 13.9 10.5 15.7





#17

Acenaphthene

Concen: 0.031 ng

RT: 14.39 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

Instrument :

BNA_N

ClientSampleId :

PST-025-SW080-031319

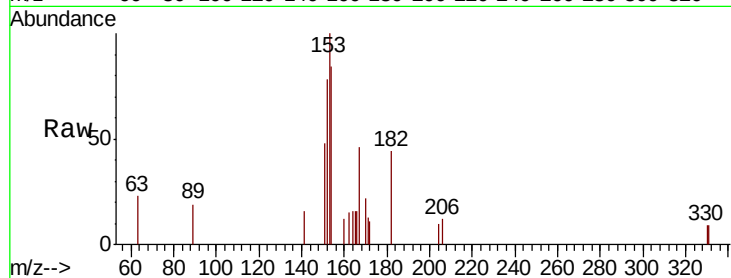
Tgt Ion:154 Resp: 574

Ion Ratio Lower Upper

154 100

153 116.7 91.4 137.2

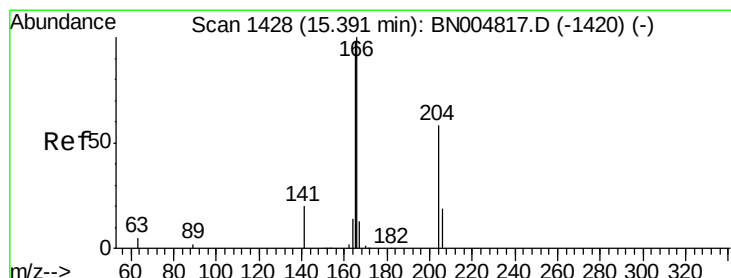
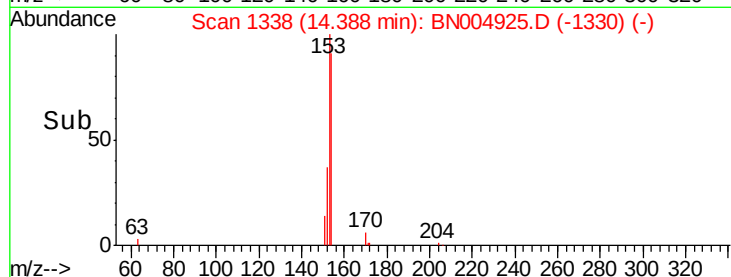
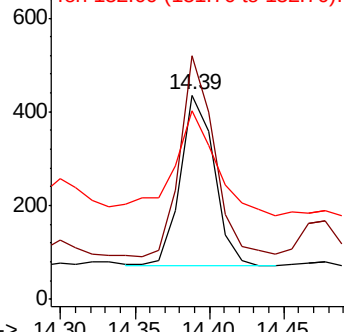
152 81.0 44.2 66.2#



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: 0.055 ng

RT: 15.38 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

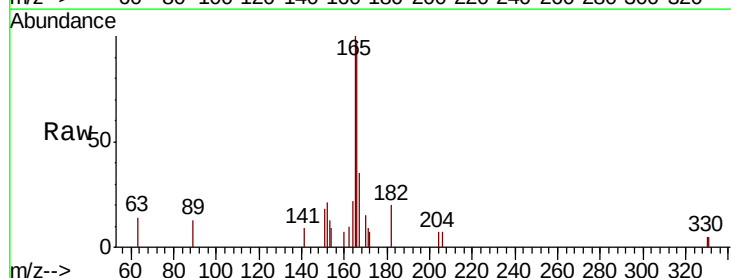
Tgt Ion:166 Resp: 1429

Ion Ratio Lower Upper

166 100

165 108.1 78.2 117.4

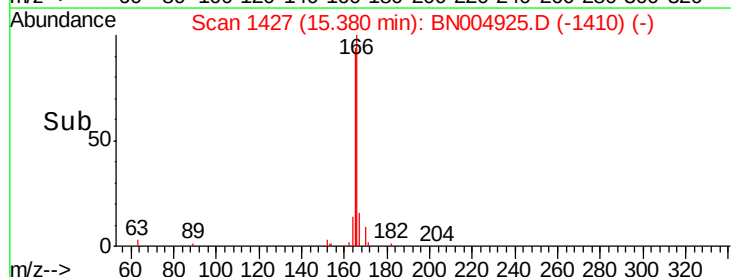
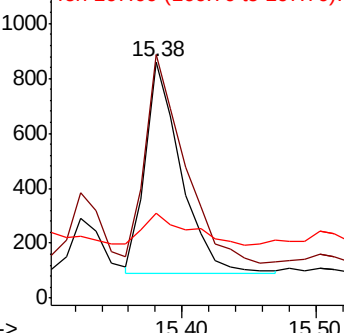
167 19.9 11.0 16.4#

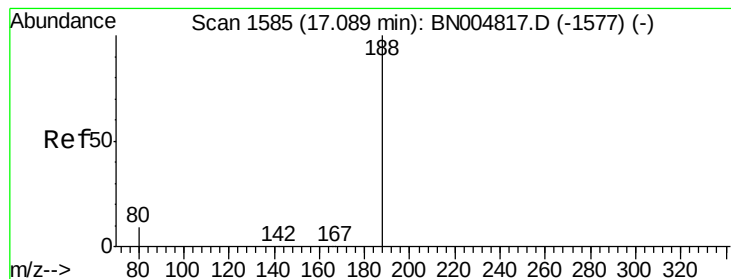


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN004925.D

Acq: 23 Mar 2019 17:54

Instrument :

BNA_N

ClientSampleId :

PST-025-SW080-031319

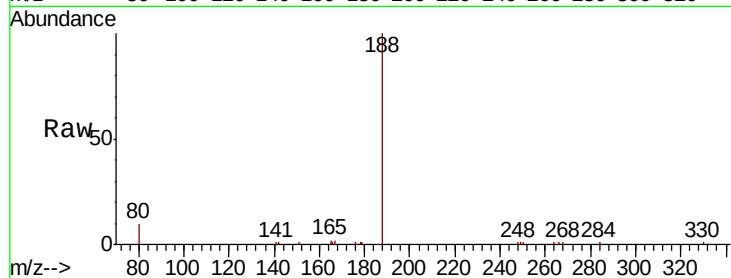
Tgt Ion:188 Resp: 13303

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.1 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO

12000

10000

8000

6000

4000

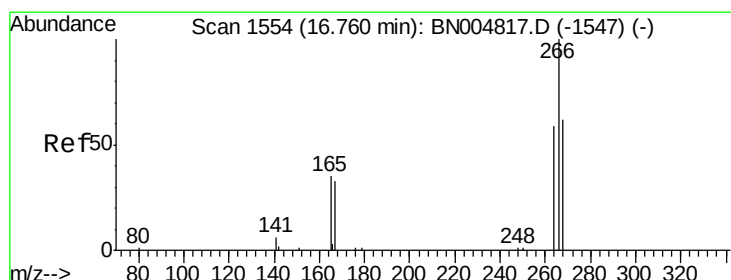
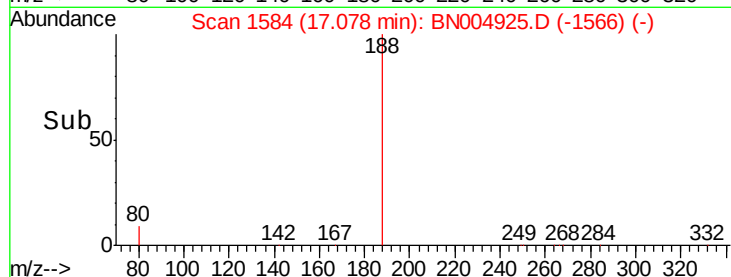
2000

0

17.08

17.00 17.10 17.20

Time-->



#22

Pentachlorophenol

Concen: 0.035 ng

RT: 16.74 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

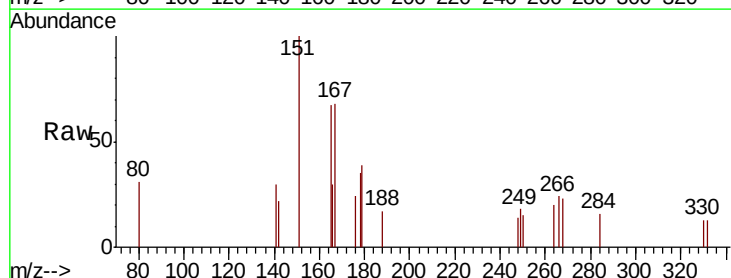
Tgt Ion:266 Resp: 69

Ion Ratio Lower Upper

266 100

264 81.1 53.1 79.7#

268 94.4 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

120

100

80

60

40

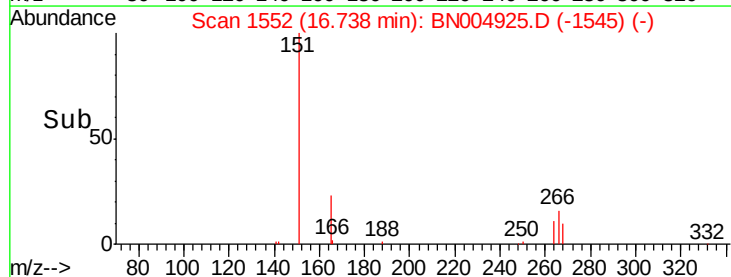
20

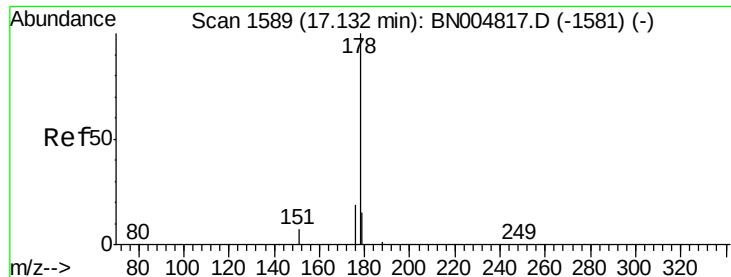
0

16.74

16.70 16.80

Time-->





#23

Phenanthrene

Concen: 0.801 ng

RT: 17.12 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

Instrument :

BNA_N

ClientSampleId :

PST-025-SW080-031319

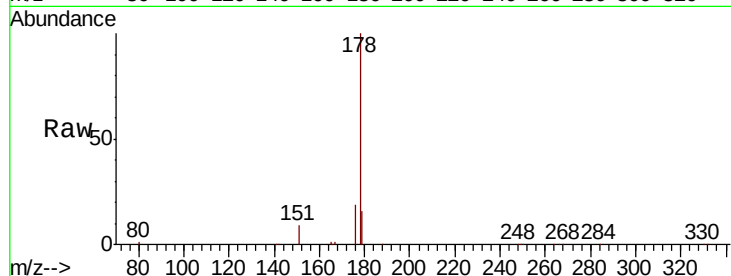
Tgt Ion:178 Resp: 34386

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

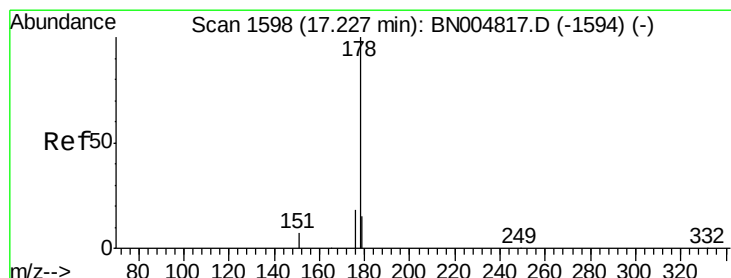
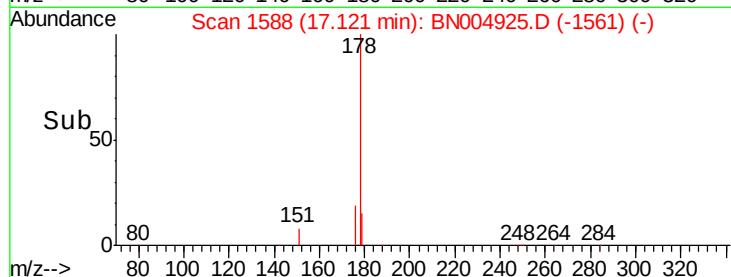
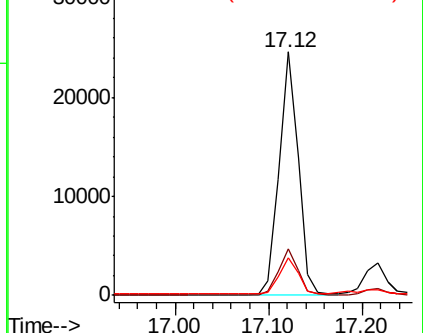
179 15.5 12.1 18.1



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: 0.120 ng

RT: 17.22 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

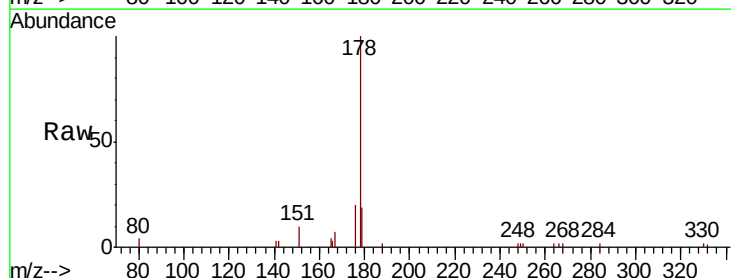
Tgt Ion:178 Resp: 4601

Ion Ratio Lower Upper

178 100

176 19.4 14.5 21.7

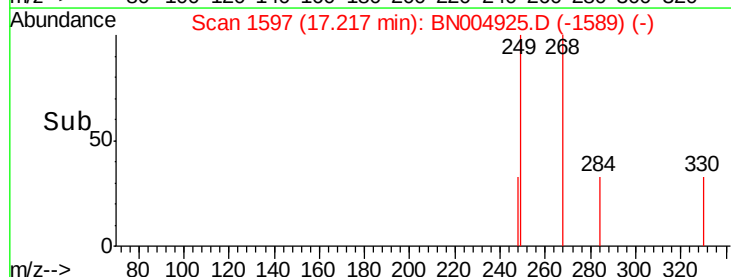
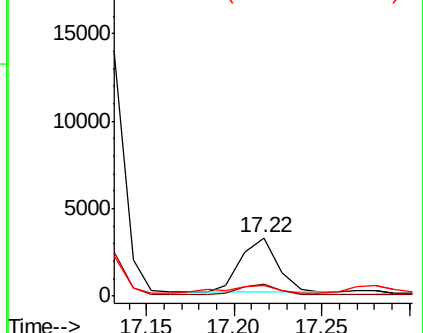
179 19.3 12.2 18.4#

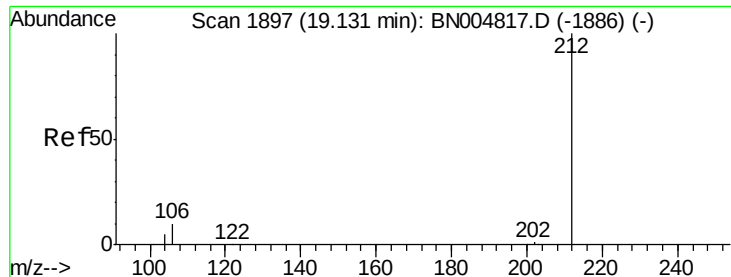


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.346 ng

RT: 19.12 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

Instrument :

BNA_N

ClientSampleId :

PST-025-SW080-031319

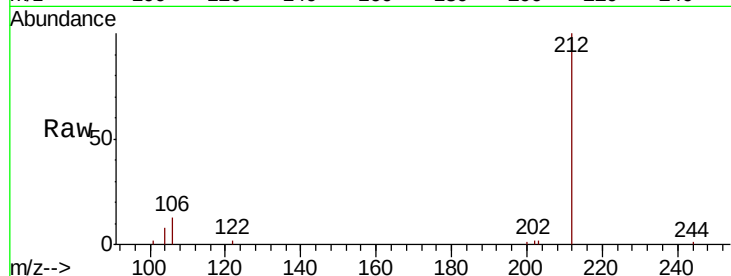
Tgt Ion:212 Resp: 15394

Ion Ratio Lower Upper

212 100

106 12.3 8.6 13.0

104 6.8 4.7 7.1

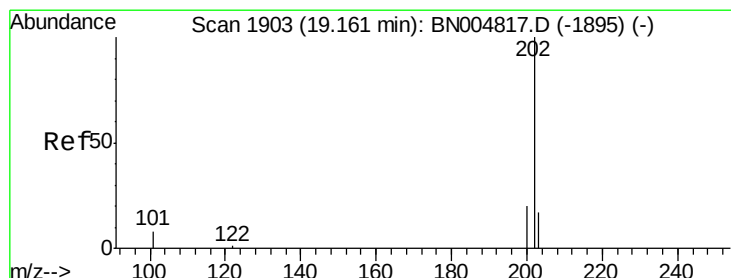
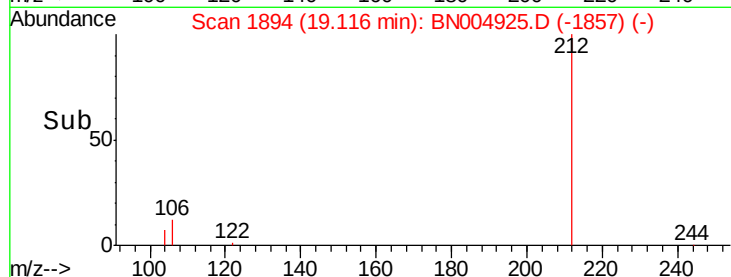
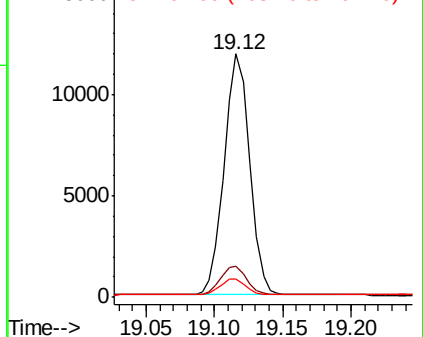


Abundance

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: 1.258 ng

RT: 19.15 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

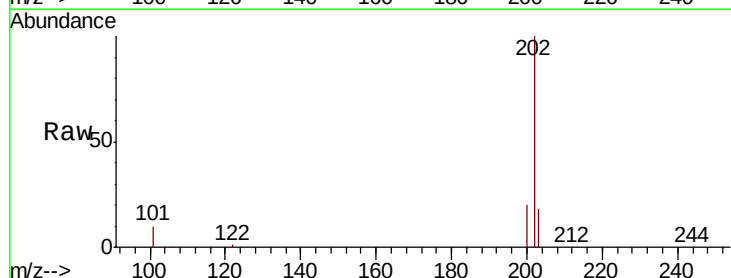
Tgt Ion:202 Resp: 69432

Ion Ratio Lower Upper

202 100

101 10.8 7.5 11.3

203 17.5 13.8 20.6

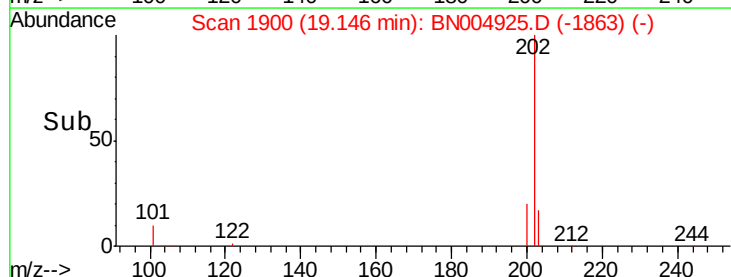
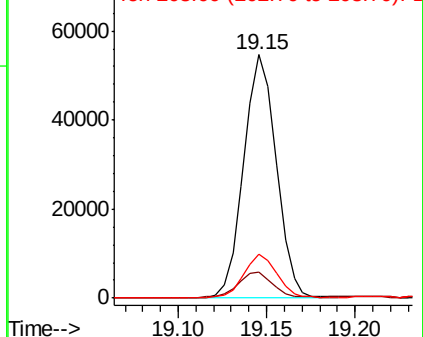


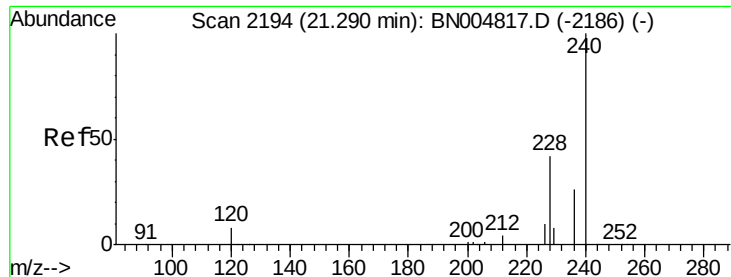
Abundance

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: BN004925.D

Acq: 23 Mar 2019 17:54

Instrument :

BNA_N

ClientSampleId :

PST-025-SW080-031319

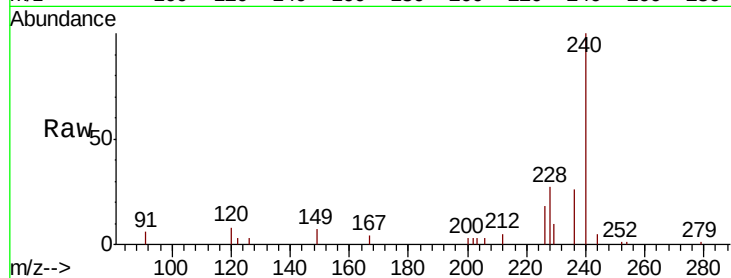
Tgt Ion:240 Resp: 17959

Ion Ratio Lower Upper

240 100

120 8.3 7.2 10.8

236 26.4 20.9 31.3

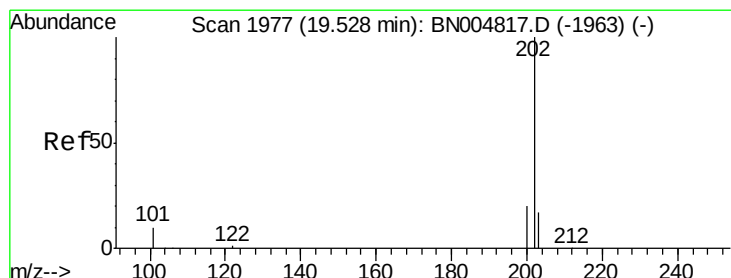
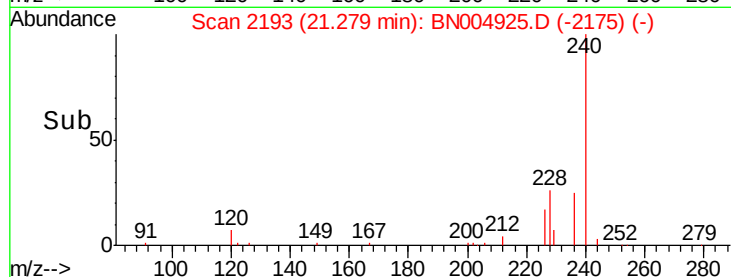
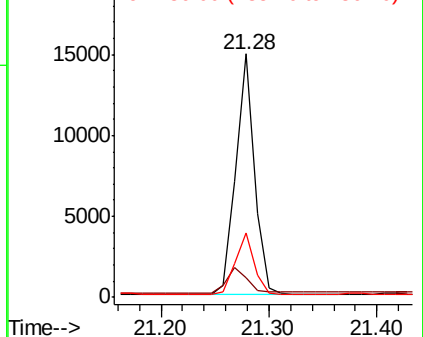


Abundance

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: 1.155 ng

RT: 19.51 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

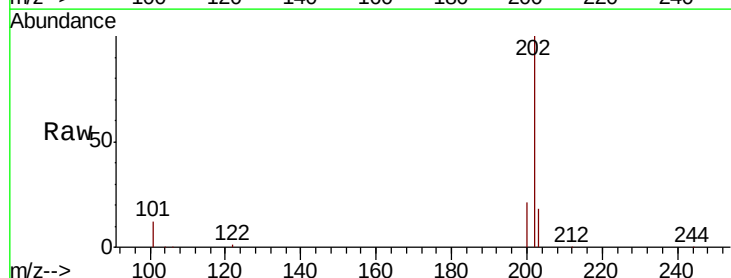
Tgt Ion:202 Resp: 63228

Ion Ratio Lower Upper

202 100

200 20.7 16.3 24.5

203 20.4 14.0 21.0

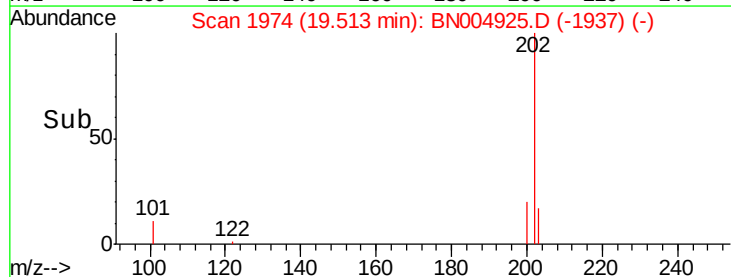
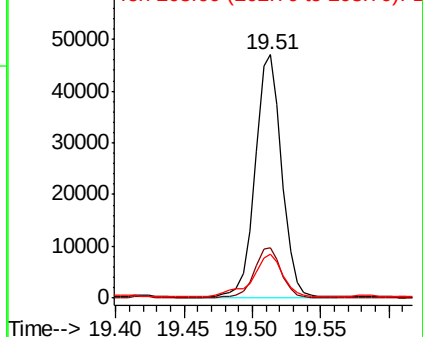


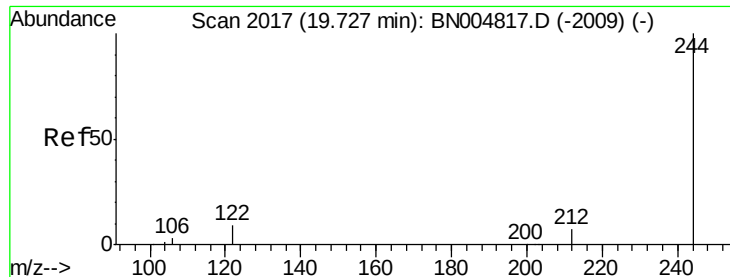
Abundance

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: 0.266 ng

RT: 19.72 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

Instrument :

BNA_N

ClientSampleId :

PST-025-SW080-031319

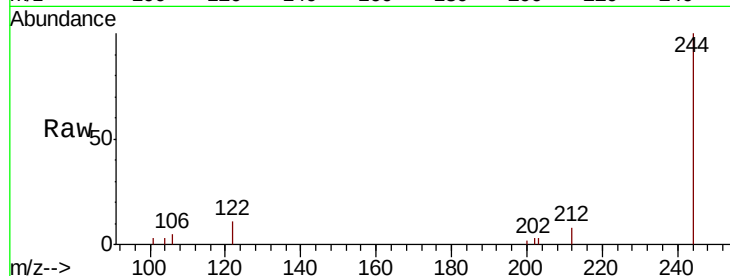
Tgt Ion:244 Resp: 9758

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

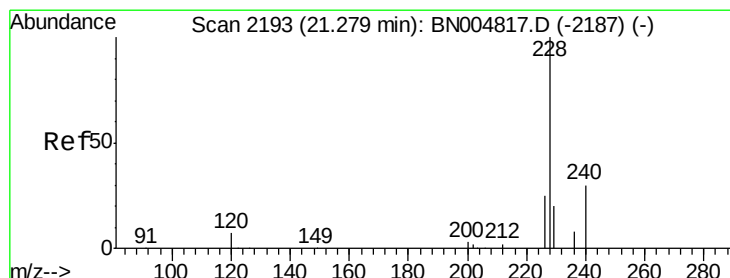
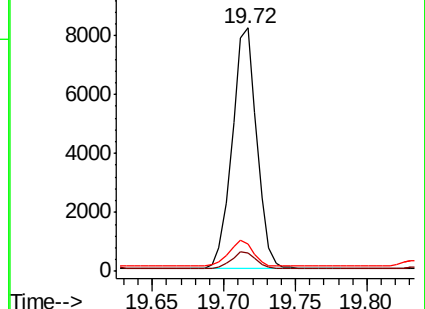
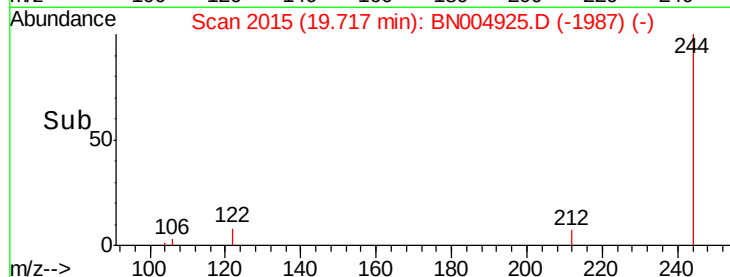
122 11.1 7.9 11.9



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: 0.548 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

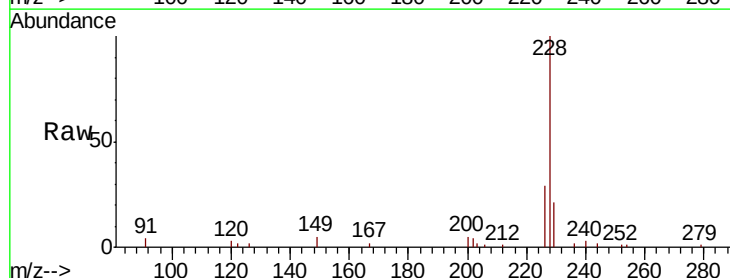
Tgt Ion:228 Resp: 32253

Ion Ratio Lower Upper

228 100

226 28.6 20.6 31.0

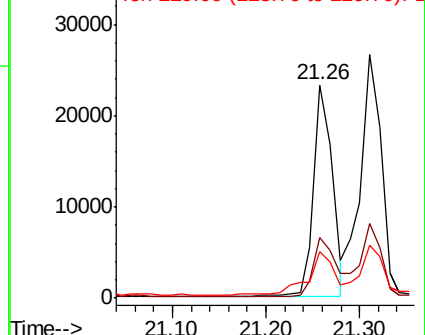
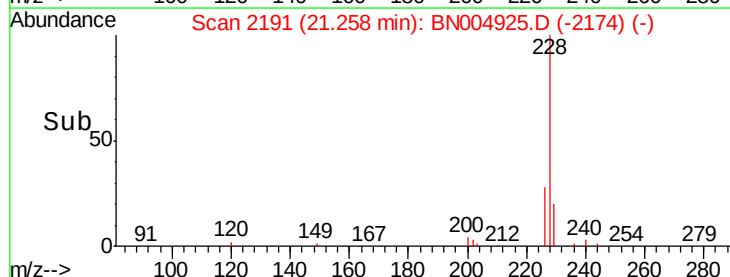
229 21.5 16.2 24.4

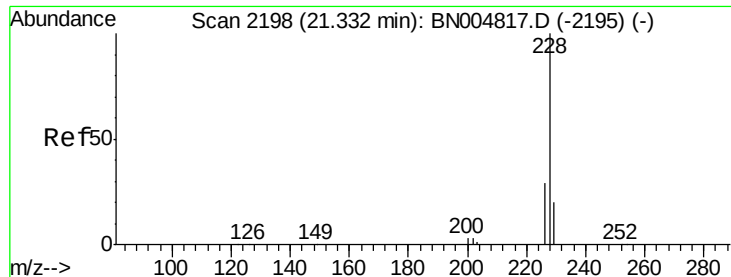


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.660 ng

RT: 21.31 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

Instrument :

BNA_N

ClientSampleId :

PST-025-SW080-031319

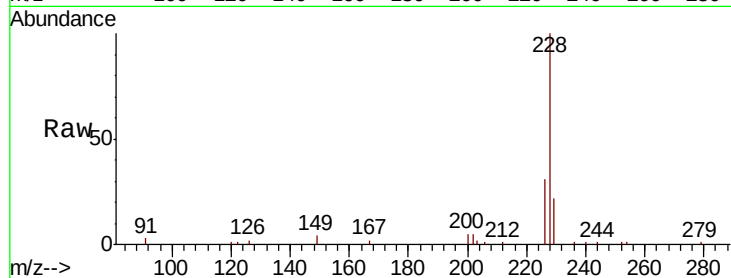
Tgt Ion:228 Resp: 40938

Ion Ratio Lower Upper

228 100

226 30.9 23.0 34.6

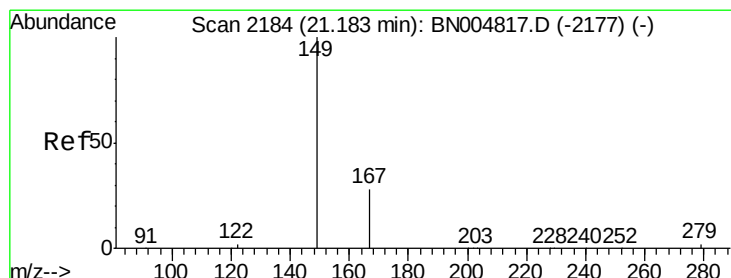
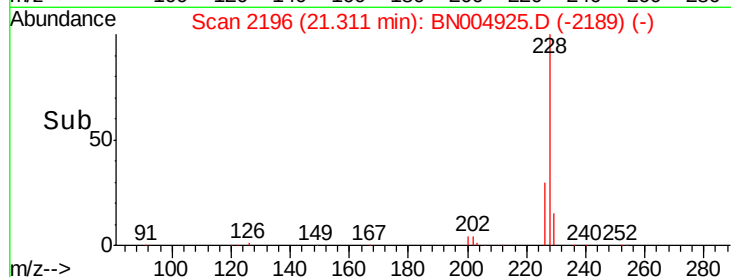
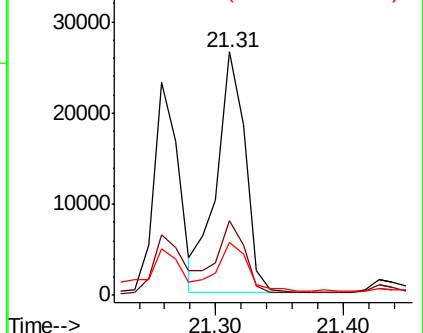
229 21.8 16.2 24.2



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: 0.568 ng

RT: 21.17 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

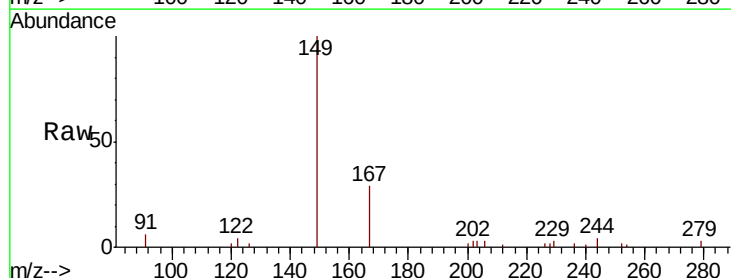
Tgt Ion:149 Resp: 13356

Ion Ratio Lower Upper

149 100

167 28.5 23.0 34.4

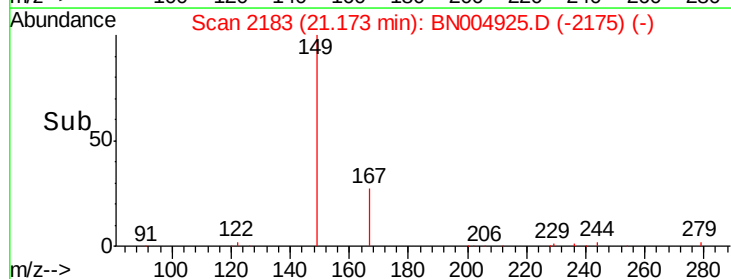
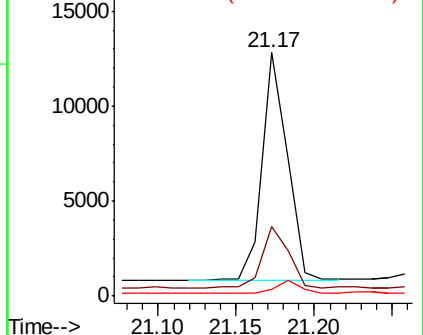
279 5.4 4.6 6.8

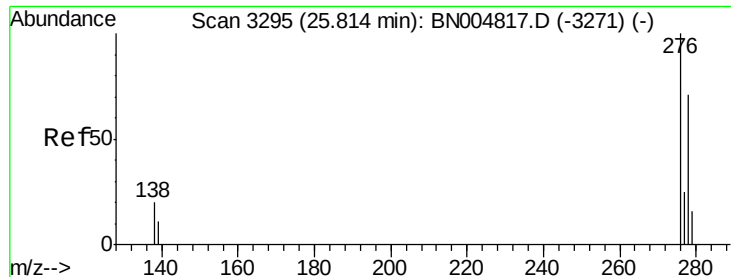


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.309 ng

RT: 25.79 min Scan# 3288

Delta R.T. -0.02 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

Instrument :

BNA_N

ClientSampleId :

PST-025-SW080-031319

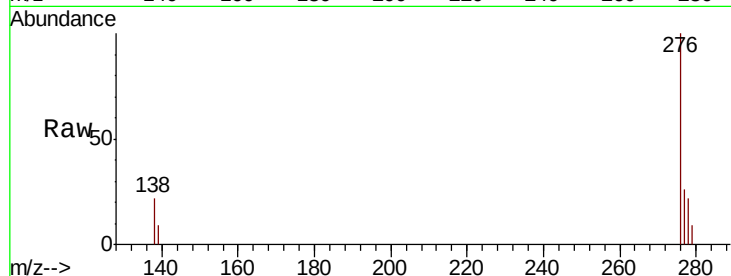
Tgt Ion:276 Resp: 27769

Ion Ratio Lower Upper

276 100

138 20.3 16.6 24.8

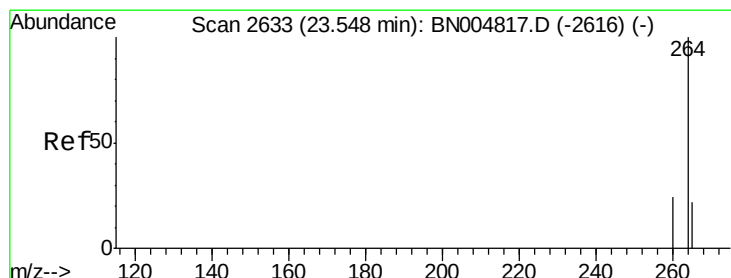
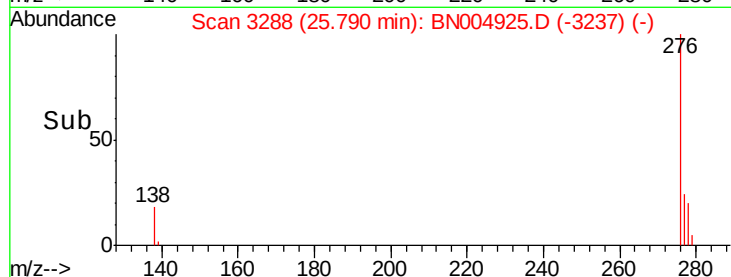
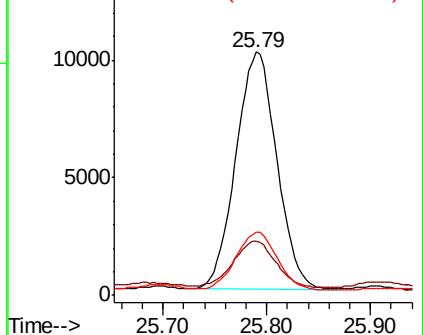
277 24.7 20.3 30.5



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: BN004925.D

Acq: 23 Mar 2019 17:54

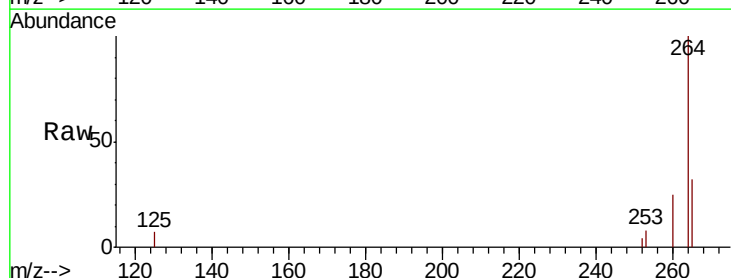
Tgt Ion:264 Resp: 20753

Ion Ratio Lower Upper

264 100

260 25.1 19.5 29.3

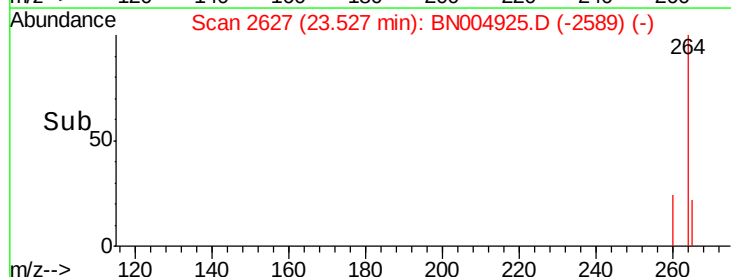
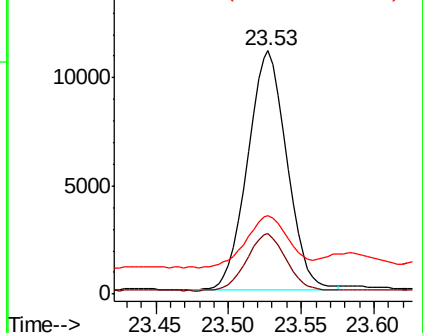
265 32.2 23.1 34.7

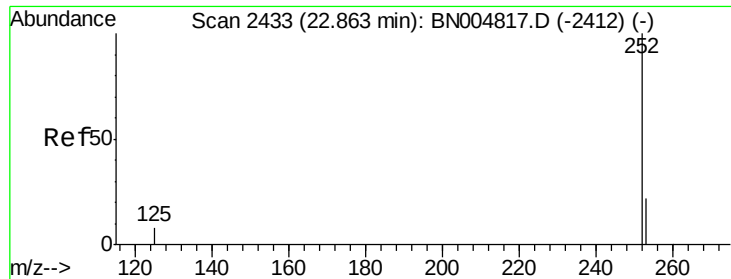


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.786 ng

RT: 22.85 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

Instrument :

BNA_N

ClientSampleId :

PST-025-SW080-031319

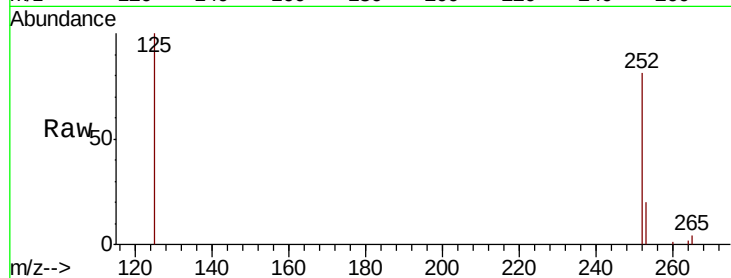
Tgt Ion:252 Resp: 58999

Ion Ratio Lower Upper

252 100

253 25.2 19.0 28.4

125 123.3 7.4 11.2#

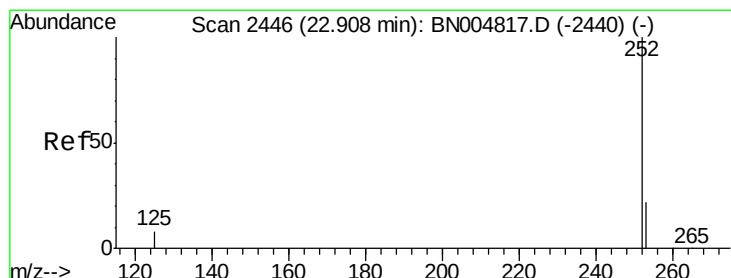
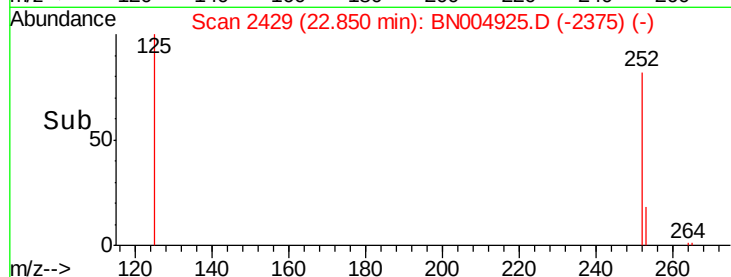
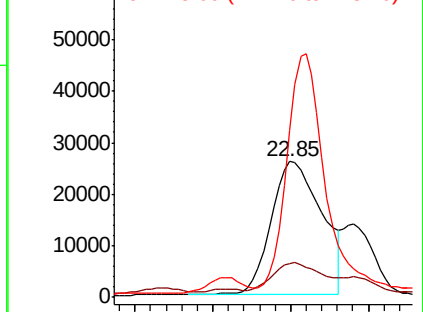


Abundance

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: 0.799 ng

RT: 22.85 min Scan# 2429

Delta R.T. -0.06 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

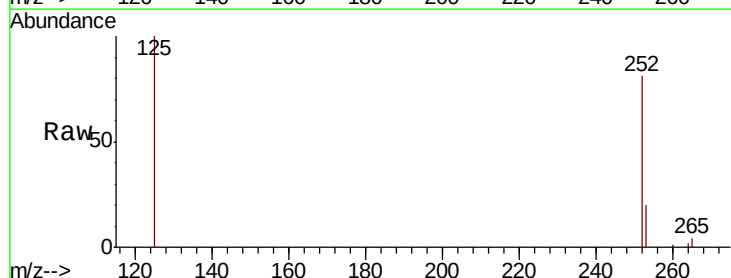
Tgt Ion:252 Resp: 58999

Ion Ratio Lower Upper

252 100

253 25.2 19.3 28.9

125 123.3 7.4 11.0#

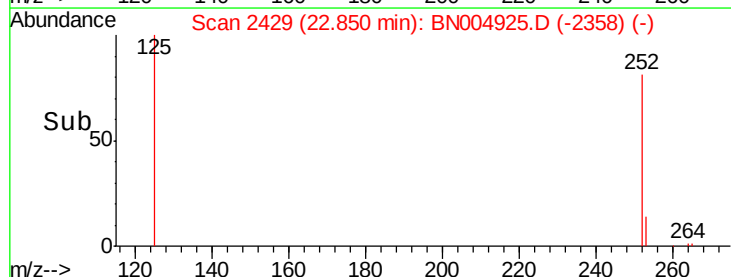
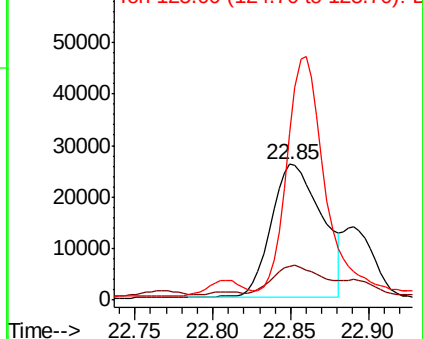


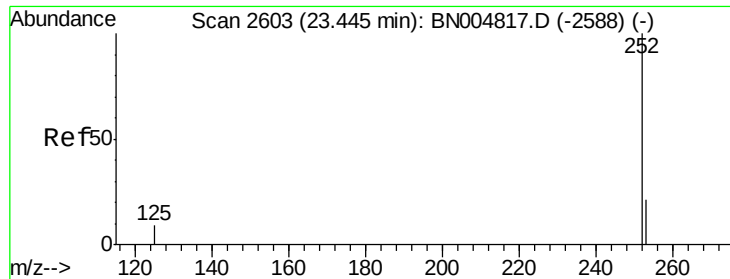
Abundance

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: 0.531 ng

RT: 23.43 min Scan# 2598

Delta R.T. -0.02 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

Instrument :

BNA_N

ClientSampleId :

PST-025-SW080-031319

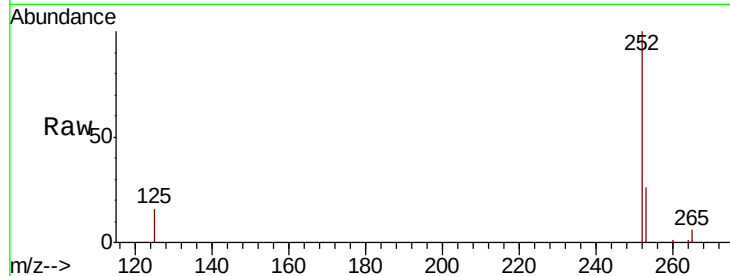
Tgt Ion:252 Resp: 36558

Ion Ratio Lower Upper

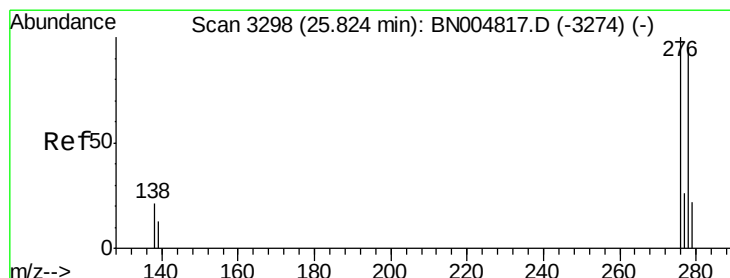
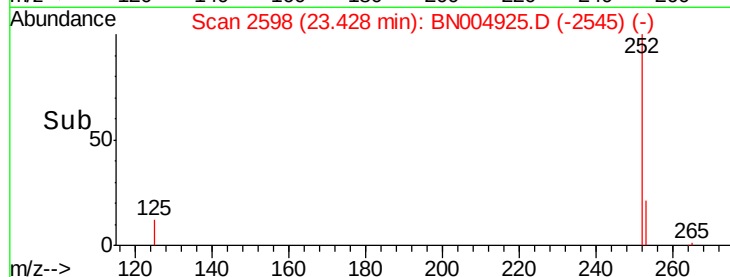
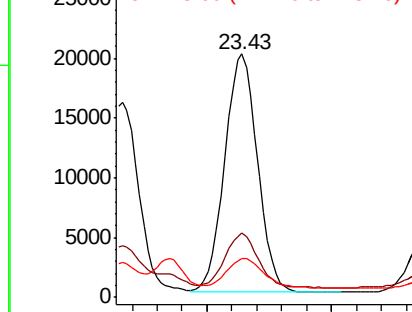
252 100

253 26.3 19.7 29.5

125 15.8 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: 0.090 ng

RT: 25.79 min Scan# 3289

Delta R.T. -0.03 min

Lab File: BN004925.D

Acq: 23 Mar 2019 17:54

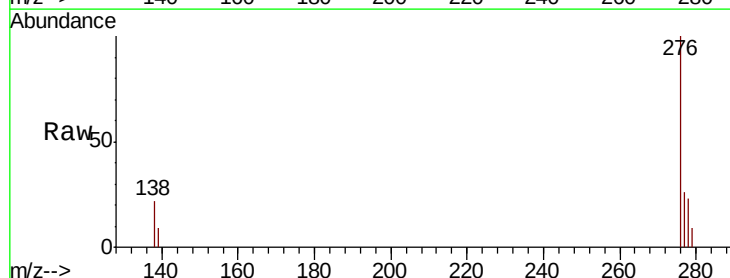
Tgt Ion:278 Resp: 7144

Ion Ratio Lower Upper

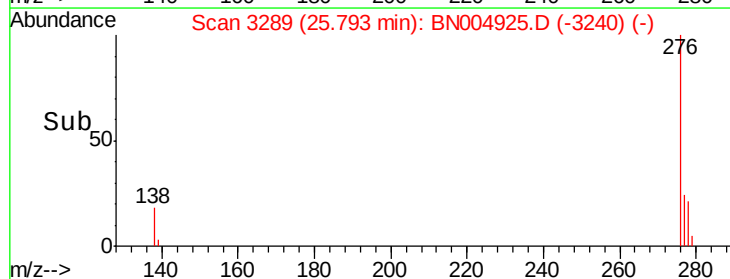
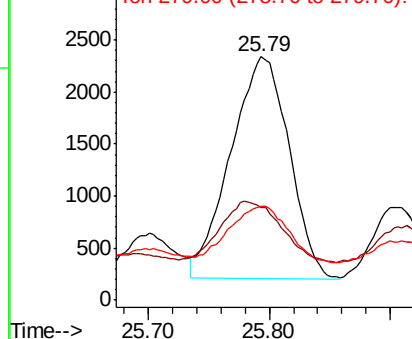
278 100

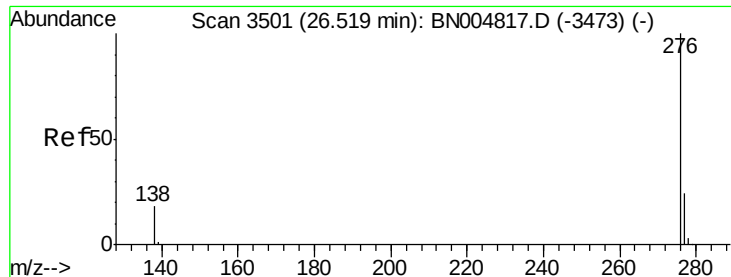
139 38.2 11.7 17.5#

279 38.6 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: 0.344 ng

RT: 26.49 min Scan# 3493

Delta R.T. -0.03 min

Lab File: BN004925.D

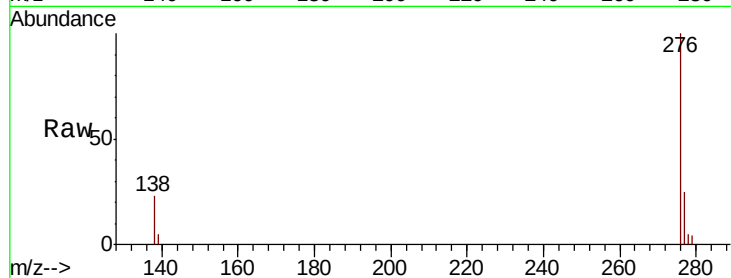
Acq: 23 Mar 2019 17:54

Instrument :

BNA_N

ClientSampleId :

PST-025-SW080-031319



Tgt Ion: 276 Resp: 27993

Ion Ratio Lower Upper

276 100

277 25.3 19.7 29.5

138 22.5 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

