

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082619\
 Data File : BN007423.D
 Acq On : 26 Aug 2019 23:12
 Operator : HP/JU
 Sample : K4453-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-190820

Quant Time: Aug 27 05:47:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 24 00:38:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4845	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	20595	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	12418	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	24428	0.40	ng	0.00
27) Chrysene-d12	21.02	240	25696	0.40	ng	0.00
34) Perylene-d12	23.13	264	25698	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.03	112	2431	0.13	ng	0.00
5) Phenol-d6	6.59	99	1860	0.06	ng	0.00
8) Nitrobenzene-d5	8.53	82	6170	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	13132	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	666	0.10	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	19342	0.39	ng	0.00
25) Fluoranthene-d10	18.85	212	32403	0.41	ng	0.00
29) Terphenyl-d14	19.47	244	27543	0.41	ng	0.00

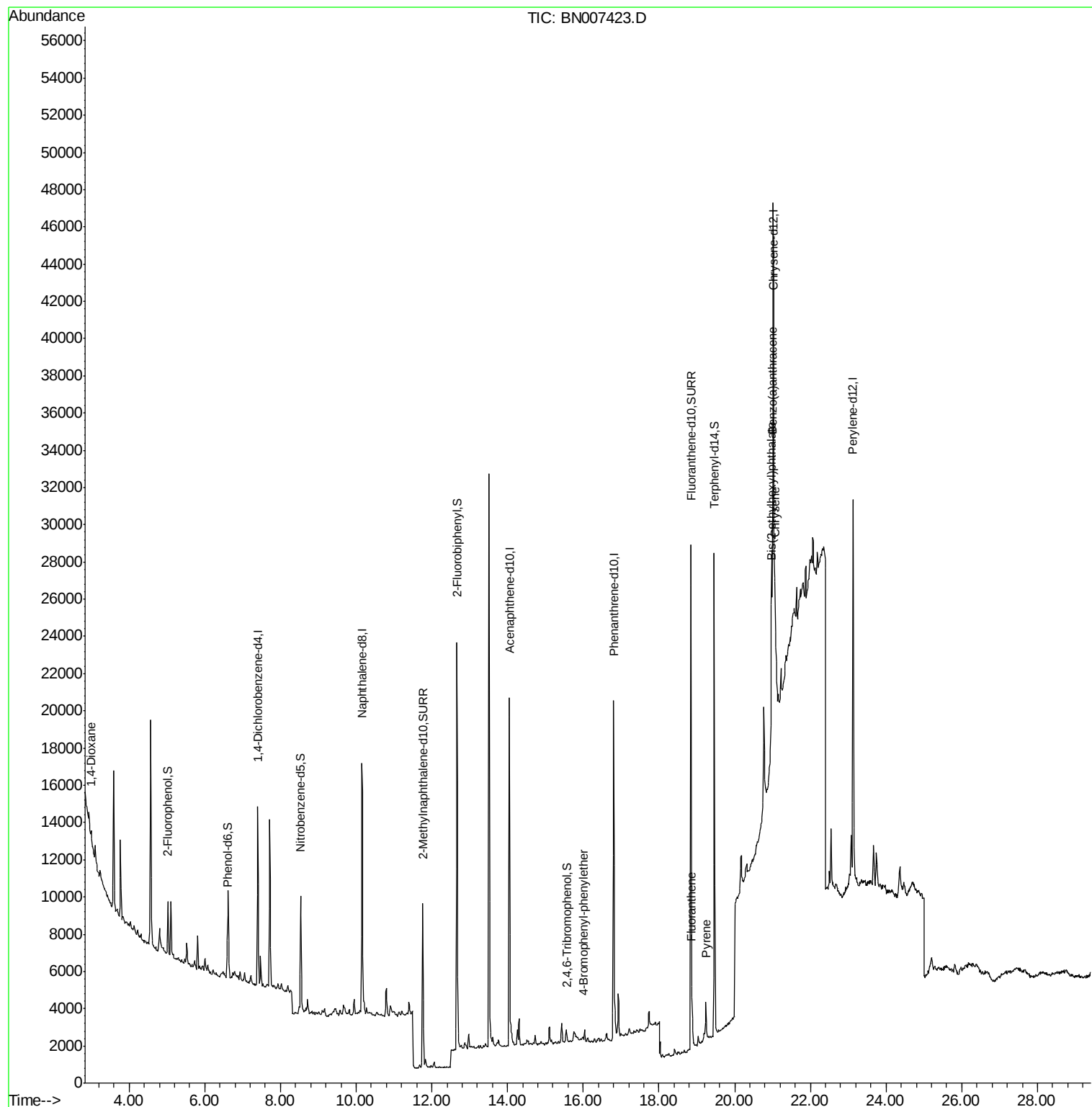
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.00	88	838	0.104	ng	# 60
20) 4-Bromophenyl-phenylether	16.01	248	261	0.027	ng	# 12
26) Fluoranthene	18.88	202	2540	0.027	ng	# 88
28) Pyrene	19.24	202	2262	0.022	ng	# 89
30) Benzo(a)anthracene	21.01	228	3224	0.032	ng	# 1
31) Chrysene	21.06	228	2364	0.024	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.96	149	8464	0.111	ng	# 91

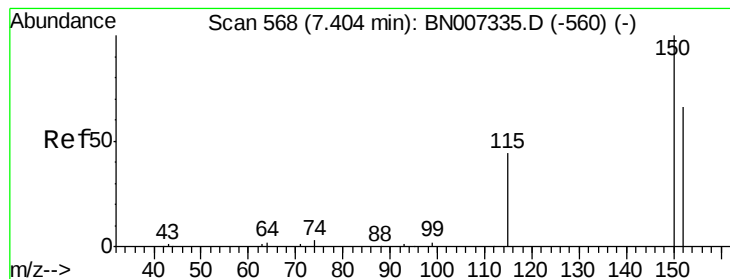
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082619\
Data File : BN007423.D
Acq On : 26 Aug 2019 23:12
Operator : HP/JU
Sample : K4453-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-190820

Quant Time: Aug 27 05:47:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 568

Delta R.T. -0.00 min

Lab File: BN007423.D

Acq: 26 Aug 2019 23:12

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-190820

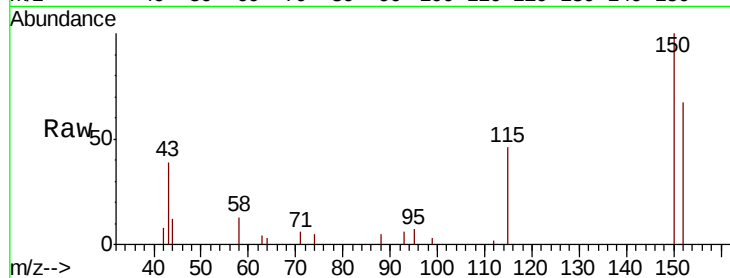
Tgt Ion:152 Resp: 4845

Ion Ratio Lower Upper

152 100

150 149.5 109.1 163.7

115 68.5 59.6 89.4

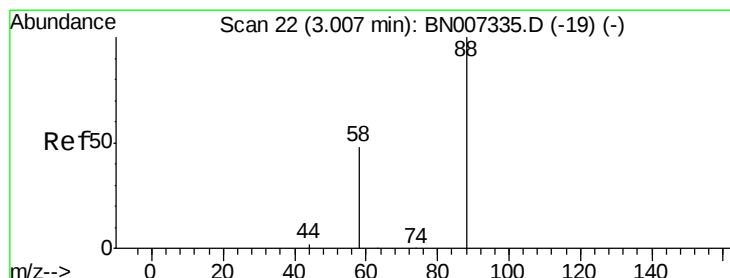
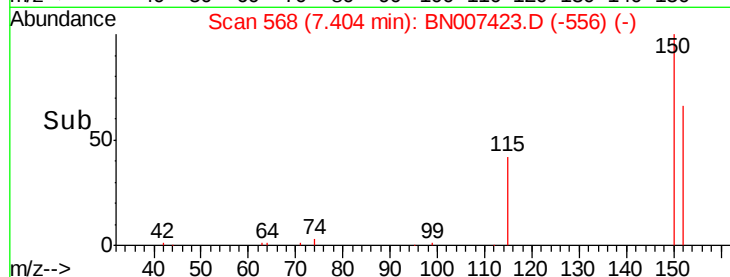
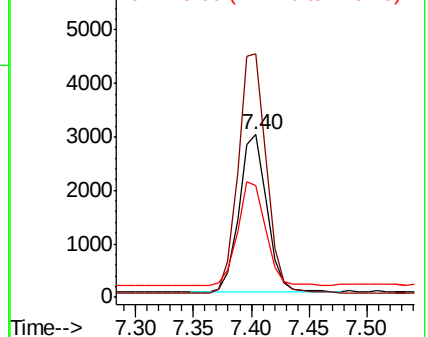


Abundance

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: 0.104 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

Lab File: BN007423.D

Acq: 26 Aug 2019 23:12

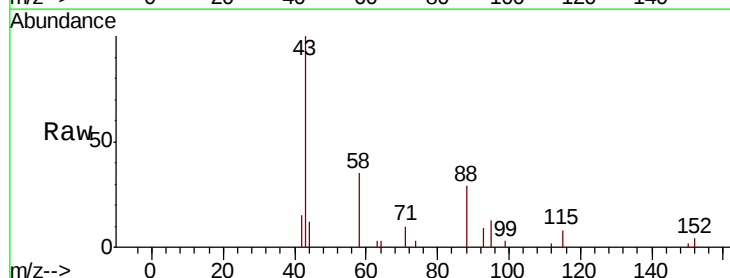
Tgt Ion: 88 Resp: 838

Ion Ratio Lower Upper

88 100

58 32.0 50.5 75.7#

43 0.0 0.0 0.0

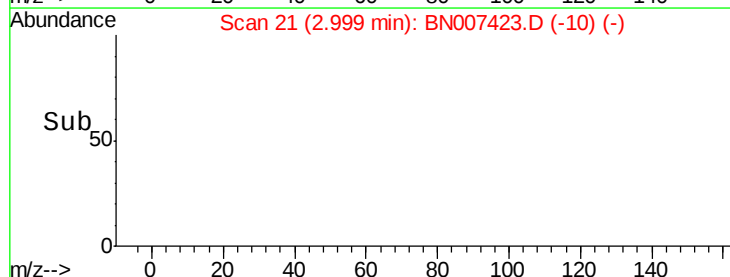
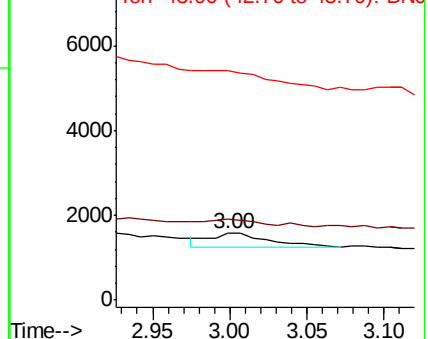


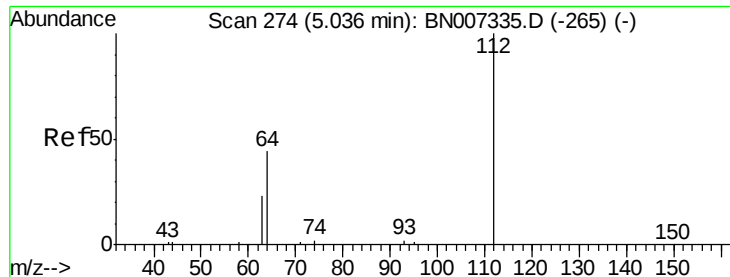
Abundance

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





#4

2-Fluorophenol

Concen: 0.125 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007423.D

Acq: 26 Aug 2019 23:12

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-190820

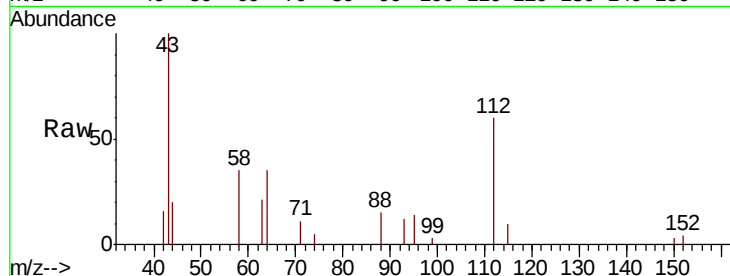
Tgt Ion: 112 Resp: 2431

Ion Ratio Lower Upper

112 100

64 54.7 42.3 63.5

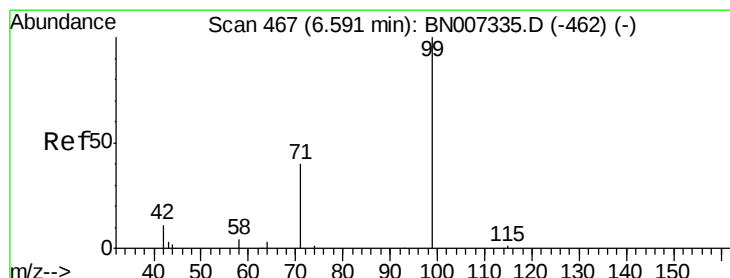
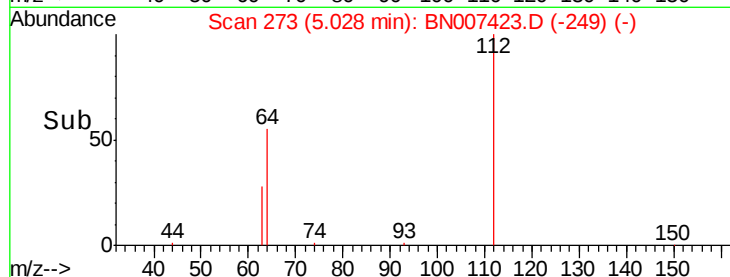
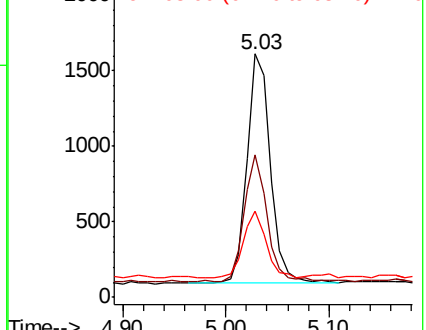
63 27.6 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.061 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007423.D

Acq: 26 Aug 2019 23:12

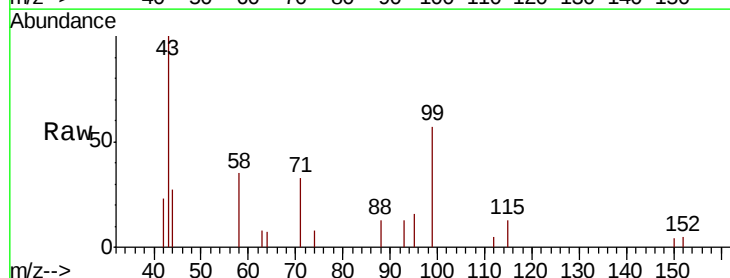
Tgt Ion: 99 Resp: 1860

Ion Ratio Lower Upper

99 100

42 24.1 11.2 16.8#

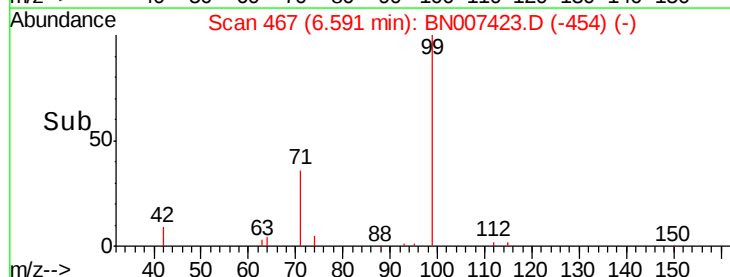
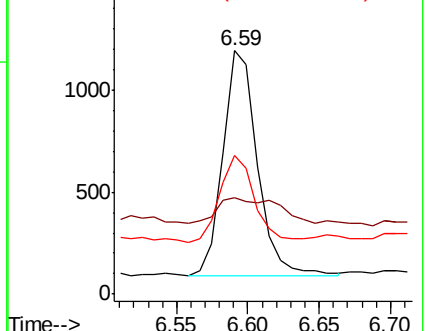
71 39.2 31.8 47.8

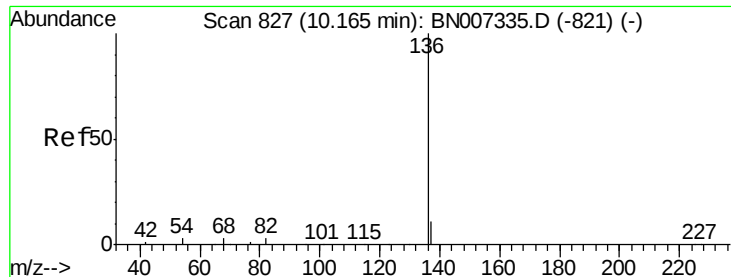


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007423.D

Acq: 26 Aug 2019 23:12

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-190820

Tgt Ion:136 Resp: 20595

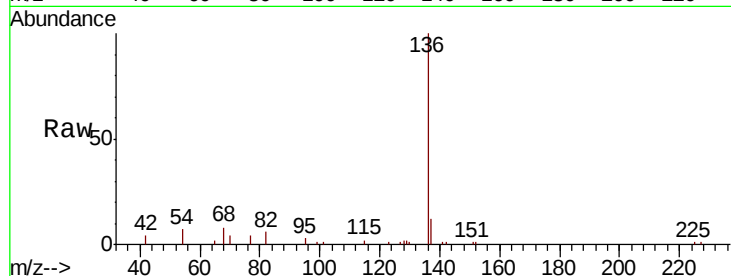
Ion Ratio Lower Upper

136 100

137 11.7 12.9 19.3#

54 6.5 8.6 12.8#

68 8.1 17.0 25.4#

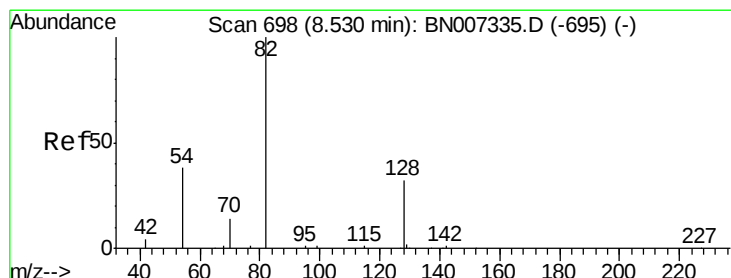
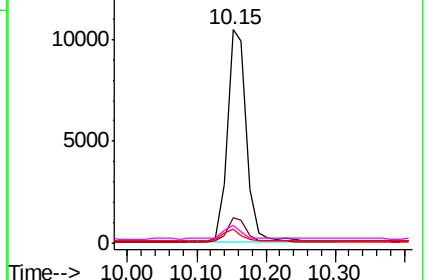
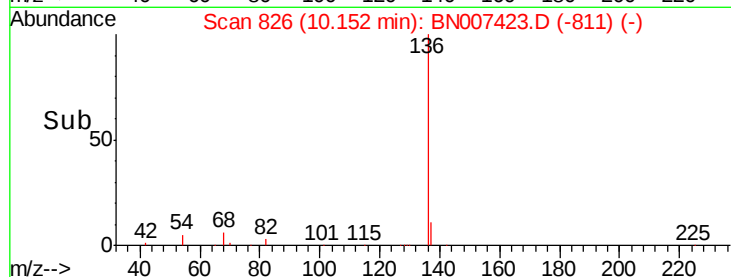


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.344 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007423.D

Acq: 26 Aug 2019 23:12

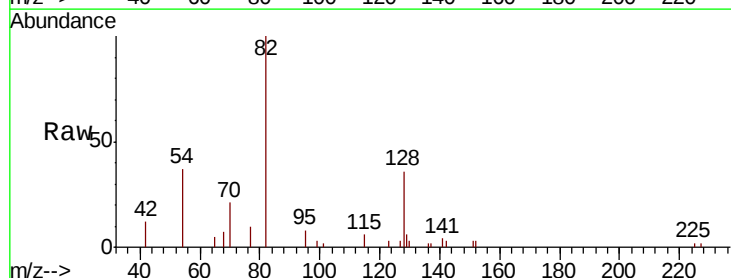
Tgt Ion: 82 Resp: 6170

Ion Ratio Lower Upper

82 100

128 36.2 19.7 29.5#

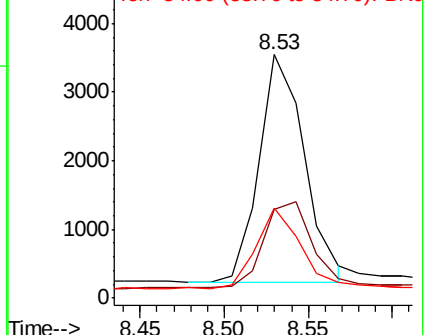
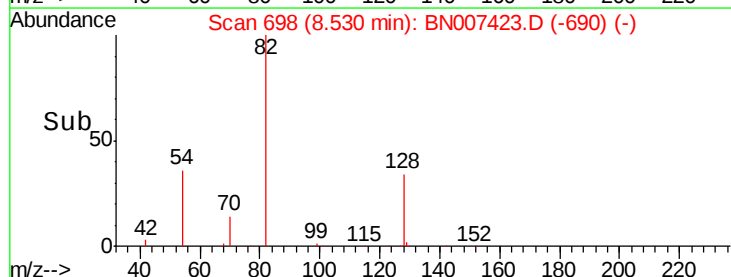
54 37.0 25.8 38.6



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





#11

2-Methylnaphthalene-d10

Concen: 0.384 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007423.D

Acq: 26 Aug 2019 23:12

Instrument :

BNA_N

ClientSampleId :

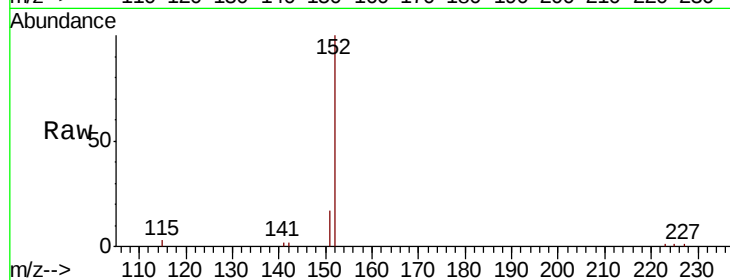
OUTFALL001-190820

Tgt Ion:152 Resp: 13132

Ion Ratio Lower Upper

152 100

151 19.5 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

8000

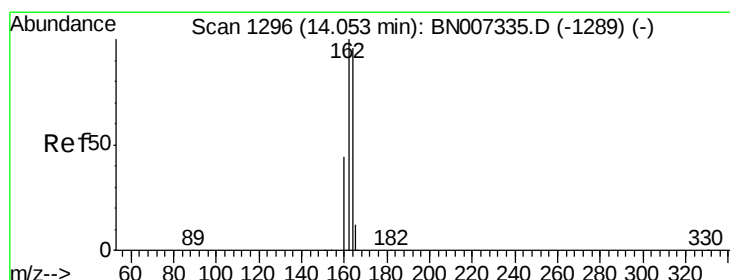
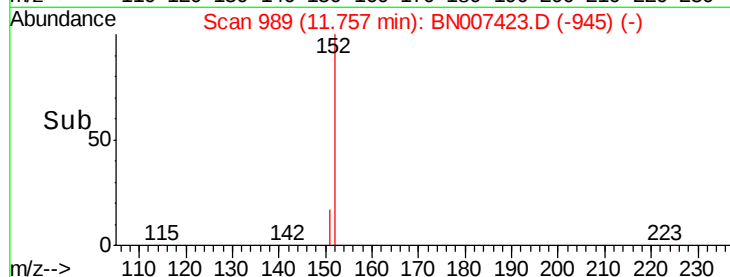
6000

4000

2000

0

Time--> 11.70 11.80 11.90



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BN007423.D

Acq: 26 Aug 2019 23:12

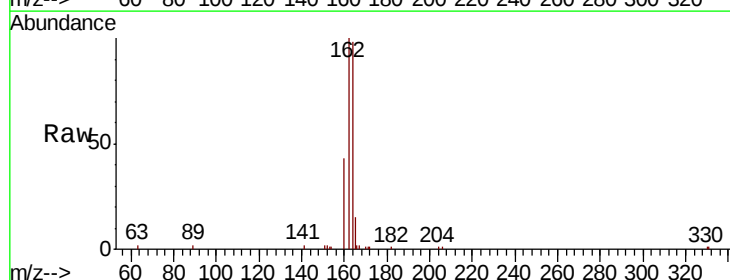
Tgt Ion:164 Resp: 12418

Ion Ratio Lower Upper

164 100

162 101.9 83.5 125.3

160 43.8 38.2 57.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

10000

8000

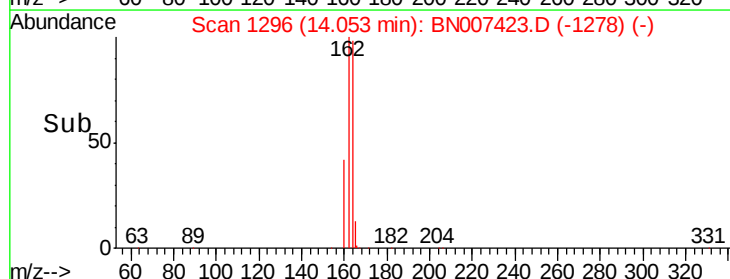
6000

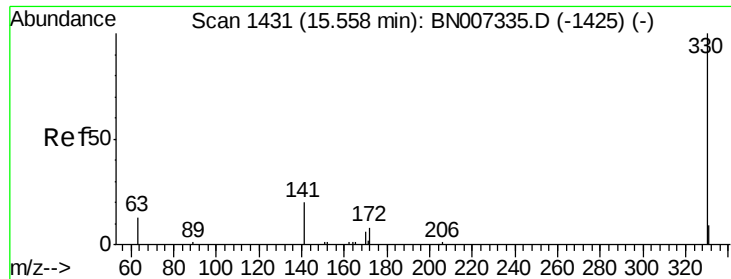
4000

2000

0

Time--> 13.90 14.00 14.10 14.20

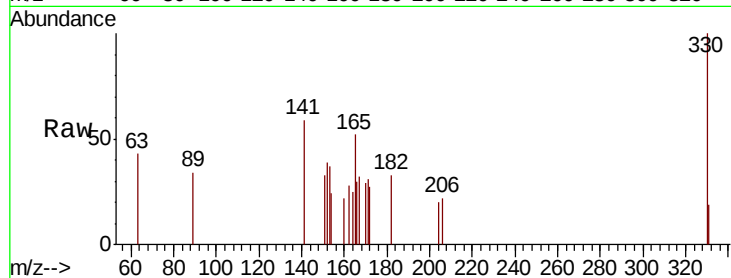




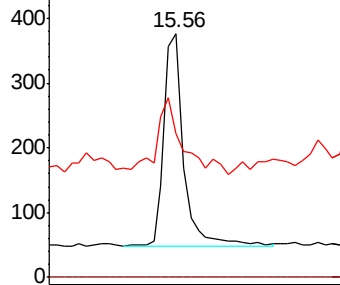
#14
 2,4,6-Tribromophenol
 Concen: 0.103 ng
 RT: 15.56 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BN007423.D
 Acq: 26 Aug 2019 23:12

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-190820

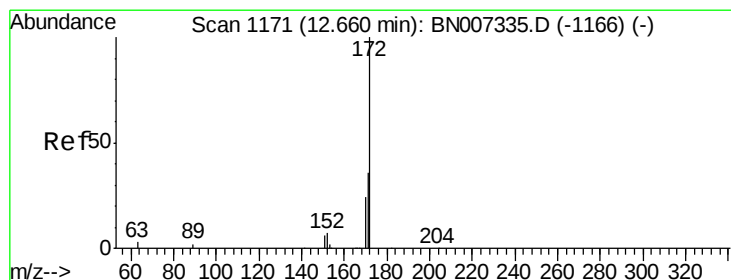
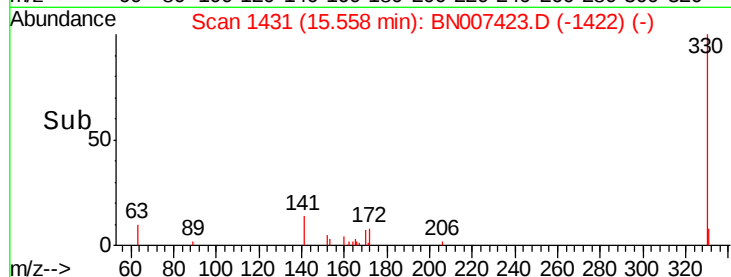
Tgt Ion: 330 Resp: 666
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 47.9 26.9 40.3#



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

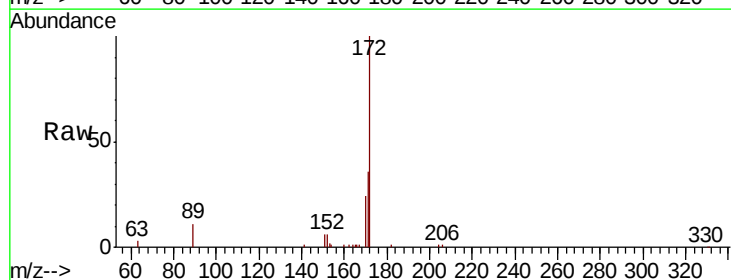


Time--> 15.40 15.60

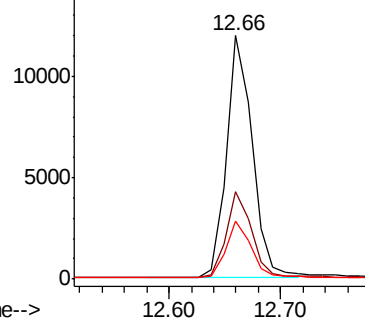


#15
 2-Fluorobiphenyl
 Concen: 0.386 ng
 RT: 12.66 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BN007423.D
 Acq: 26 Aug 2019 23:12

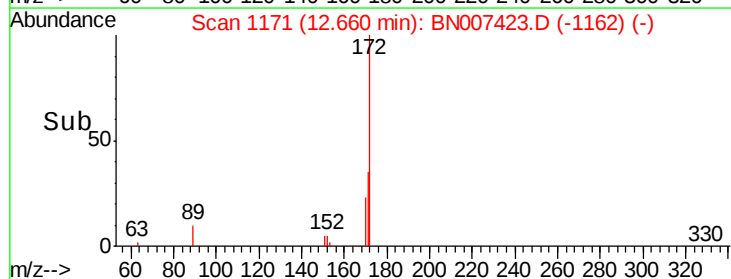
Tgt Ion: 172 Resp: 19342
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.3 45.5
 170 23.6 20.7 31.1

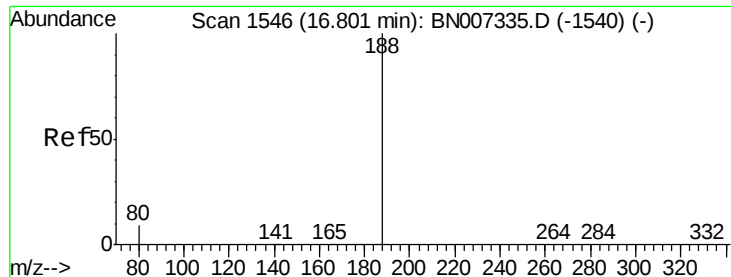


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time--> 12.60 12.70





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BN007423.D

Acq: 26 Aug 2019 23:12

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-190820

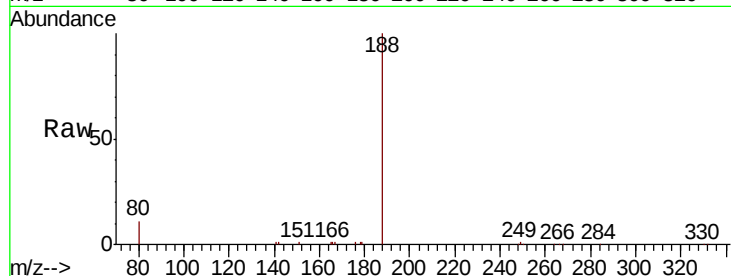
Tgt Ion:188 Resp: 24428

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

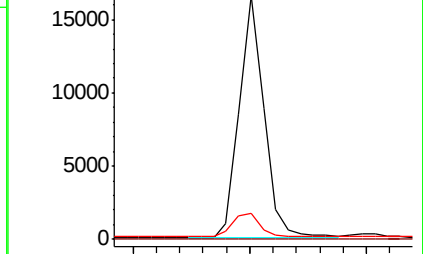
80 10.6 11.8 17.8#



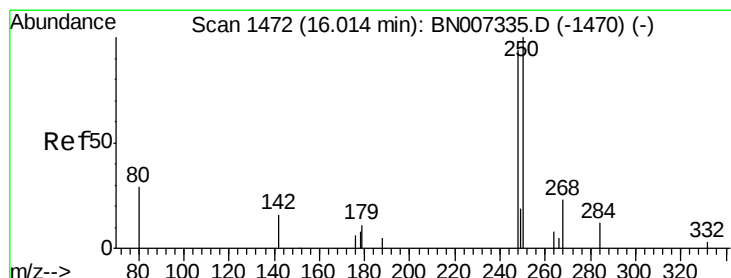
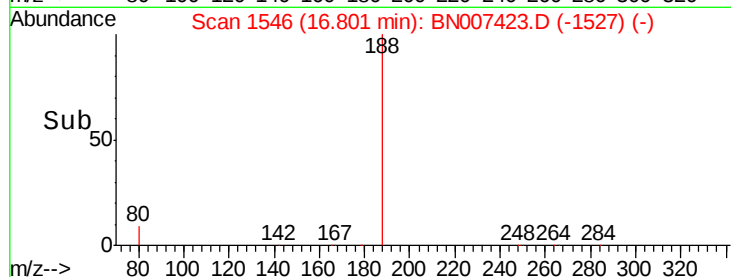
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.027 ng

RT: 16.01 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN007423.D

Acq: 26 Aug 2019 23:12

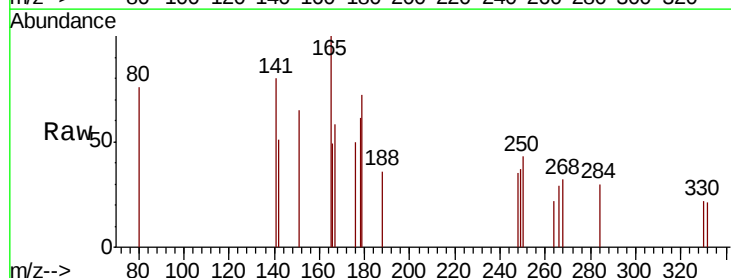
Tgt Ion:248 Resp: 261

Ion Ratio Lower Upper

248 100

250 121.2 85.0 127.6

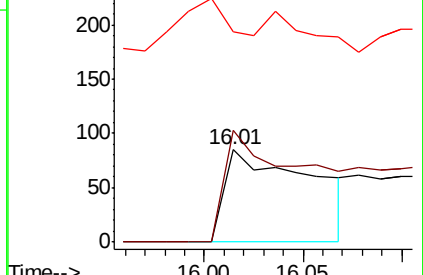
141 228.2 51.7 77.5#



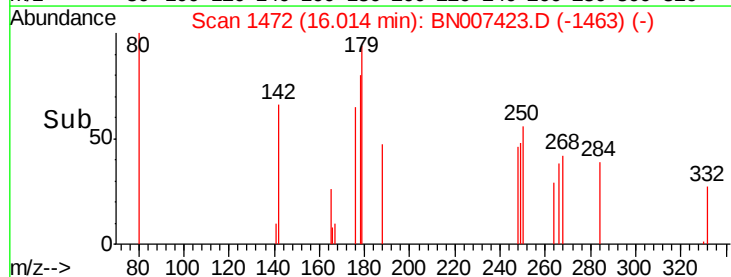
Abundance Ion 248.00 (247.70 to 248.70): E

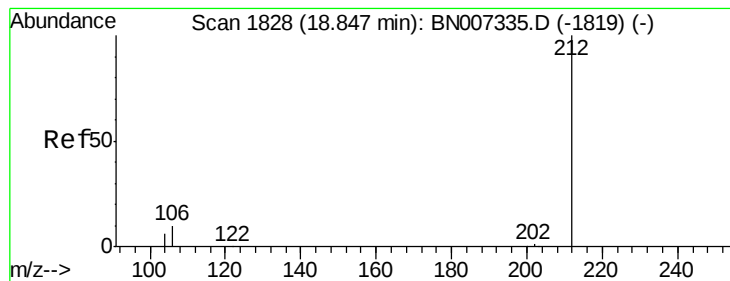
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.412 ng

RT: 18.85 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BN007423.D

Acq: 26 Aug 2019 23:12

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-190820

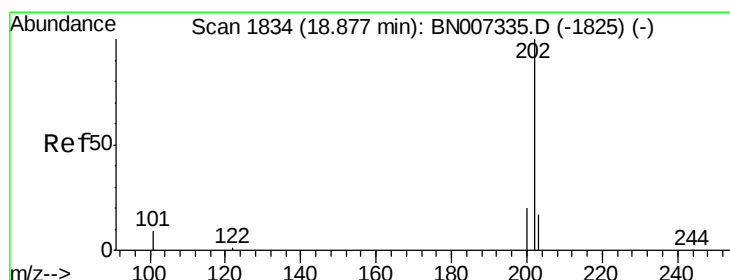
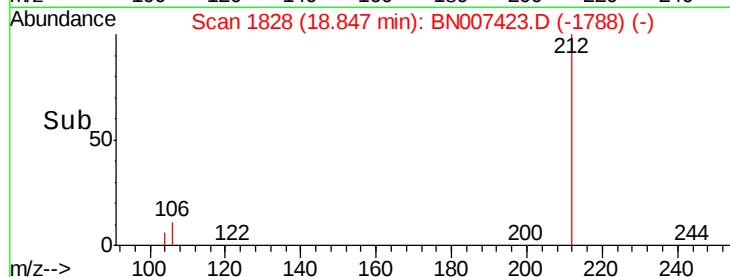
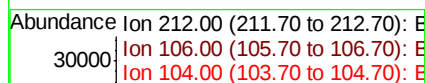
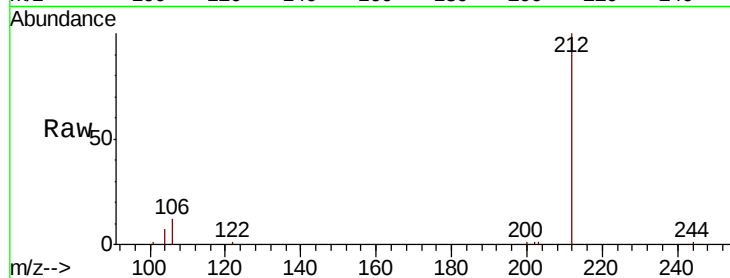
Tgt Ion:212 Resp: 32403

Ion Ratio Lower Upper

212 100

106 11.6 9.0 13.4

104 6.5 5.4 8.2



#26

Fluoranthene

Concen: 0.027 ng

RT: 18.88 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BN007423.D

Acq: 26 Aug 2019 23:12

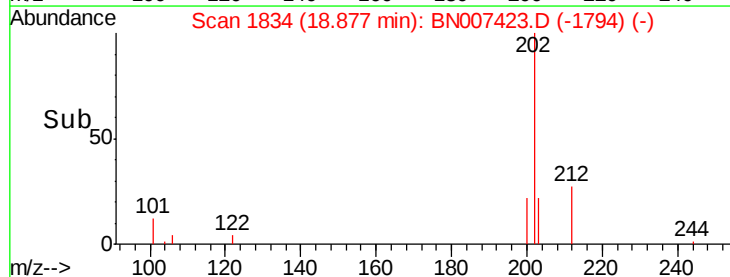
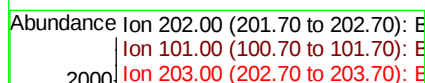
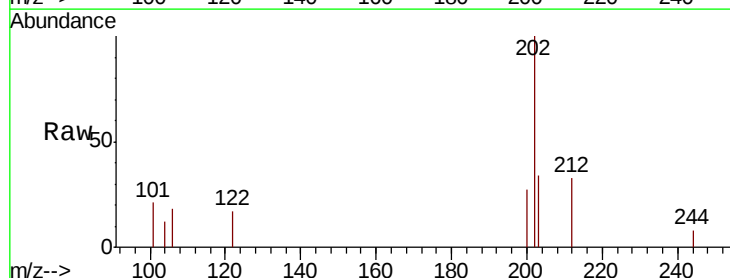
Tgt Ion:202 Resp: 2540

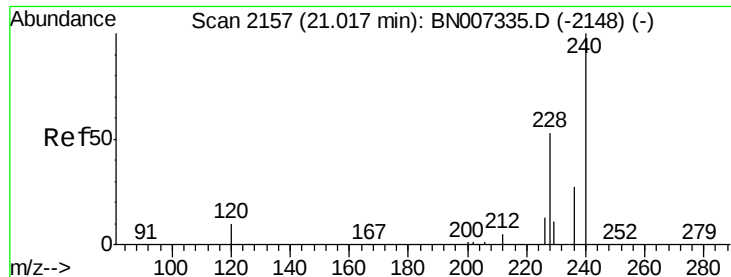
Ion Ratio Lower Upper

202 100

101 7.0 7.7 11.5#

203 23.8 13.7 20.5#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BN007423.D

Acq: 26 Aug 2019 23:12

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-190820

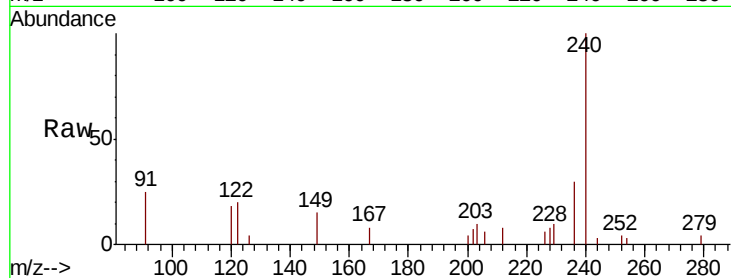
Tgt Ion:240 Resp: 25696

Ion Ratio Lower Upper

240 100

120 17.7 9.6 14.4#

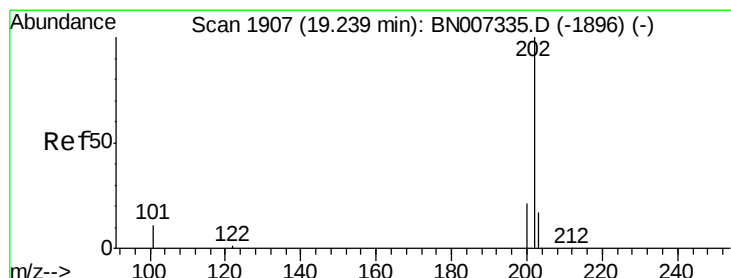
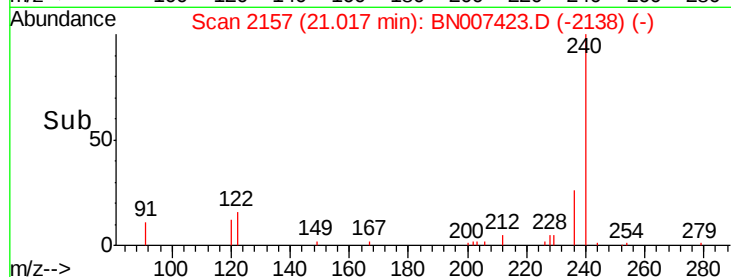
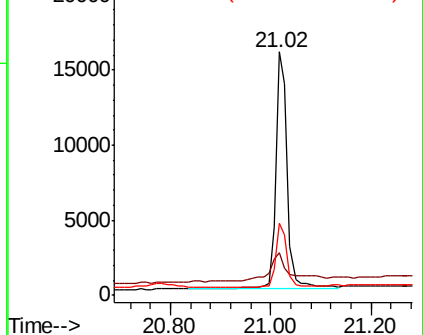
236 29.6 22.2 33.2



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: 0.022 ng

RT: 19.24 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BN007423.D

Acq: 26 Aug 2019 23:12

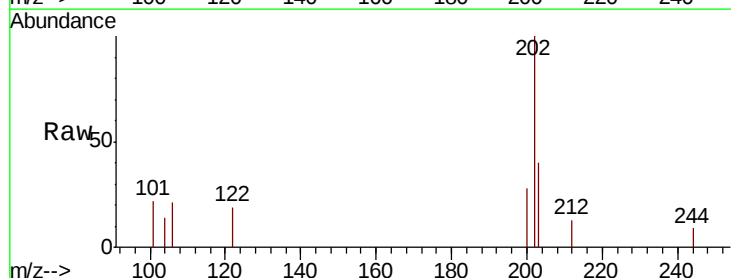
Tgt Ion:202 Resp: 2262

Ion Ratio Lower Upper

202 100

200 22.6 16.6 25.0

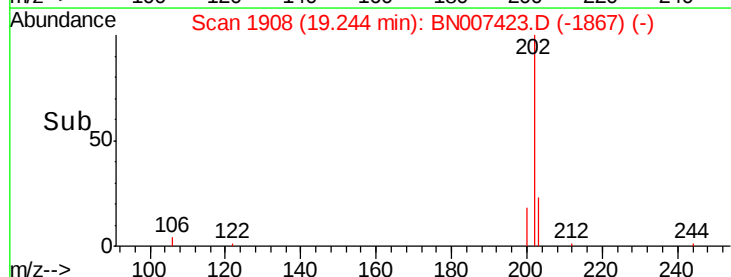
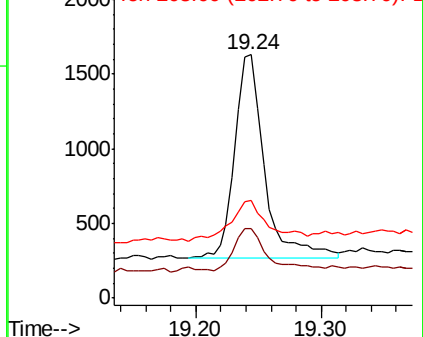
203 26.4 14.2 21.4#

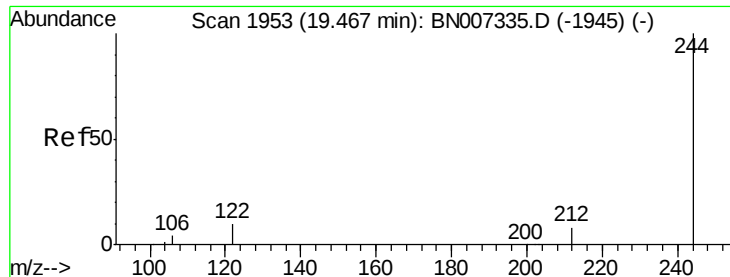


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.410 ng

RT: 19.47 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BN007423.D

Acq: 26 Aug 2019 23:12

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-190820

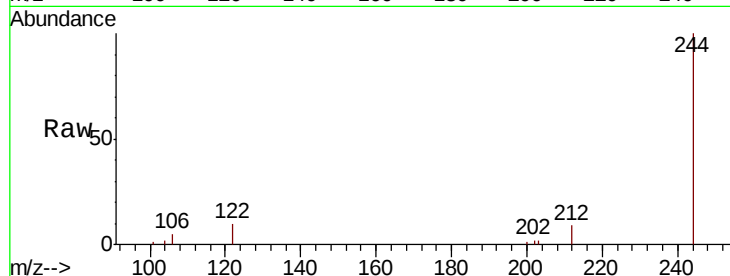
Tgt Ion:244 Resp: 27543

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

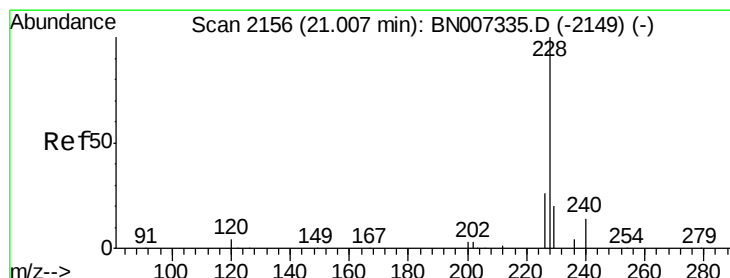
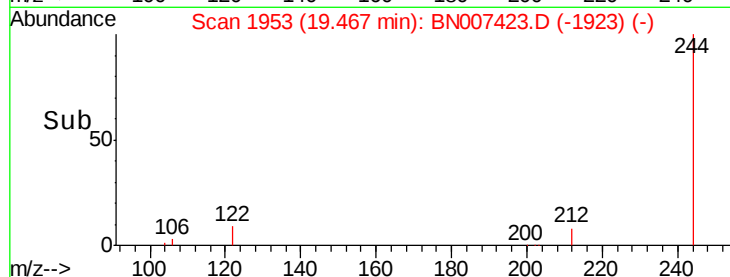
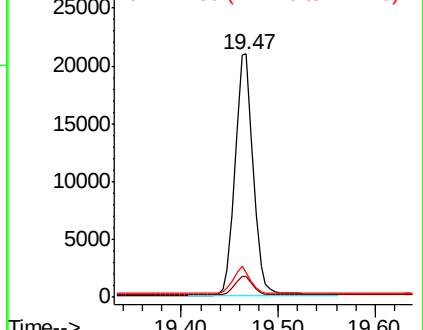
122 10.3 9.6 14.4



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: 0.032 ng

RT: 21.01 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BN007423.D

Acq: 26 Aug 2019 23:12

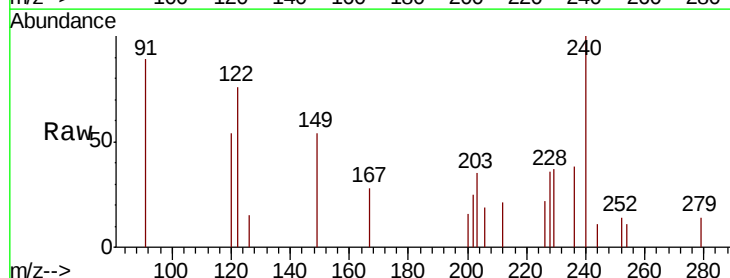
Tgt Ion:228 Resp: 3224

Ion Ratio Lower Upper

228 100

226 61.0 21.3 31.9#

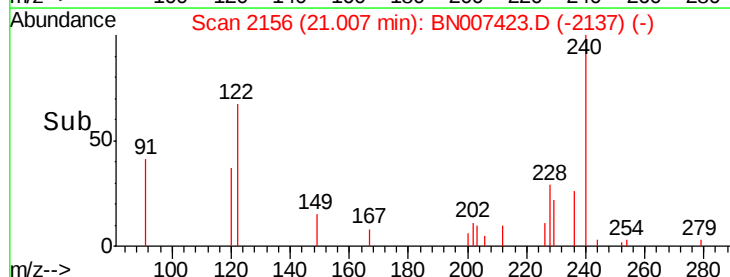
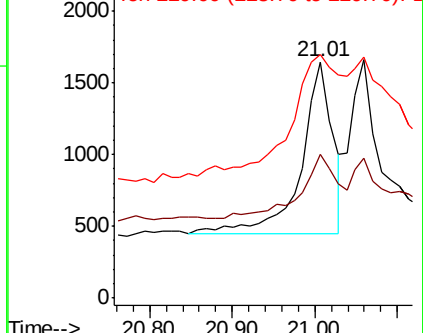
229 103.2 16.1 24.1#

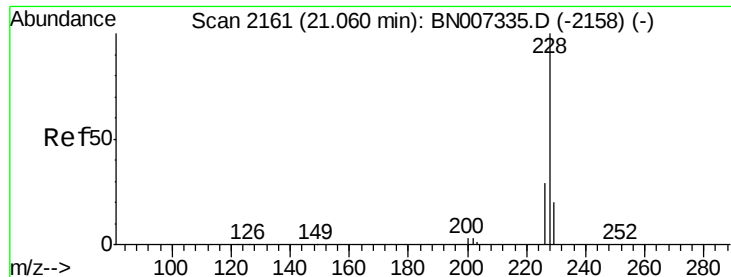


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.024 ng

RT: 21.06 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BN007423.D

Acq: 26 Aug 2019 23:12

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-190820

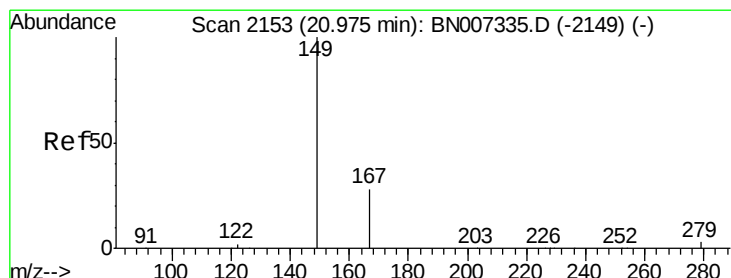
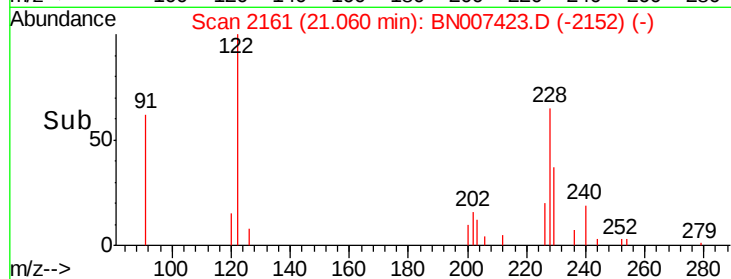
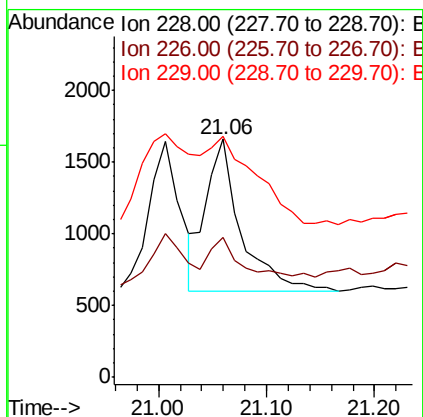
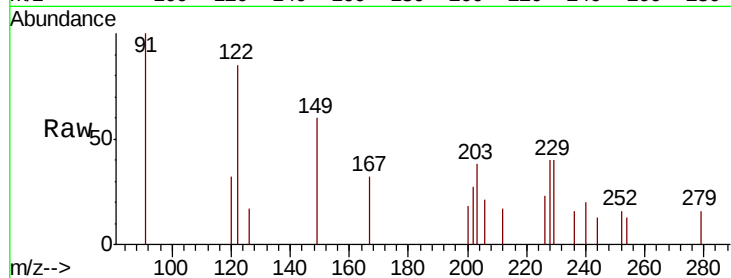
Tgt Ion:228 Resp: 2364

Ion Ratio Lower Upper

228 100

226 58.7 23.5 35.3#

229 101.4 16.6 24.8#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.111 ng

RT: 20.96 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BN007423.D

Acq: 26 Aug 2019 23:12

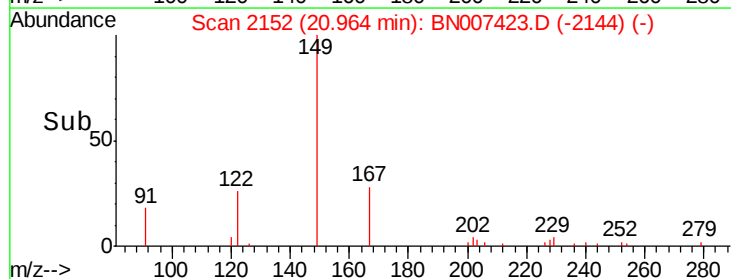
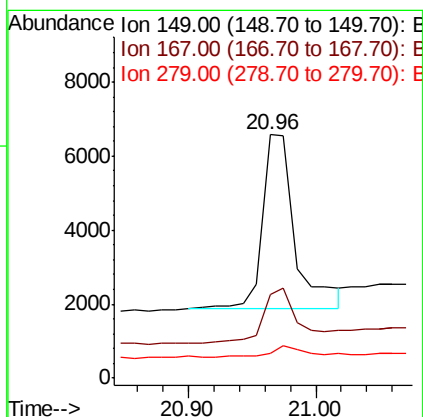
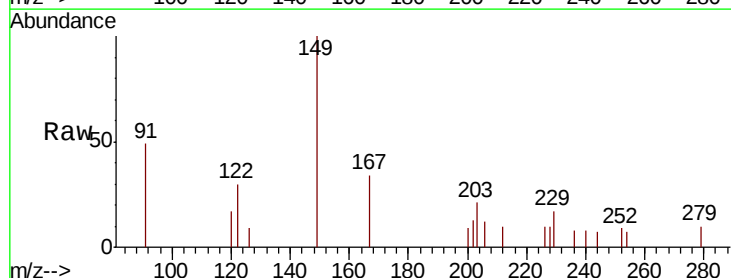
Tgt Ion:149 Resp: 8464

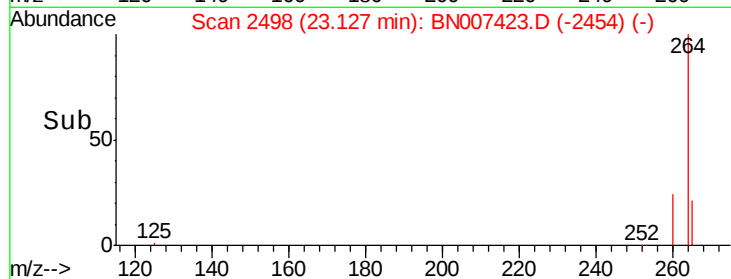
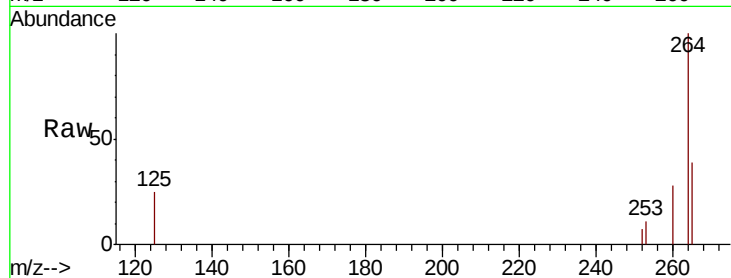
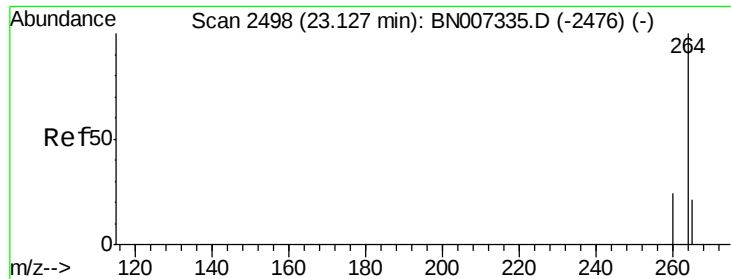
Ion Ratio Lower Upper

149 100

167 33.7 22.8 34.2

279 6.5 3.5 5.3#





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.13 min Scan# 2498

Delta R.T. -0.00 min

Lab File: BN007423.D

Acq: 26 Aug 2019 23:12

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-190820

Tgt Ion:264 Resp: 25698

Ion Ratio Lower Upper

264 100

260 27.9 19.7 29.5

265 39.3 29.9 44.9

