

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119123.D
 Acq On : 27 Feb 2020 21:37
 Operator : CG/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Feb 28 06:56:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.75
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.03
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.79
64) Phenanthrene-d10	11.52	188	217	20.00	ng	0.25
76) Chrysene-d12	0.00	240	0	0.00	ng	-13.90
87) Perylene-d12	15.34	264	124	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
79) Terphenyl-d14	12.84	244	544	0.00	ng	-0.01

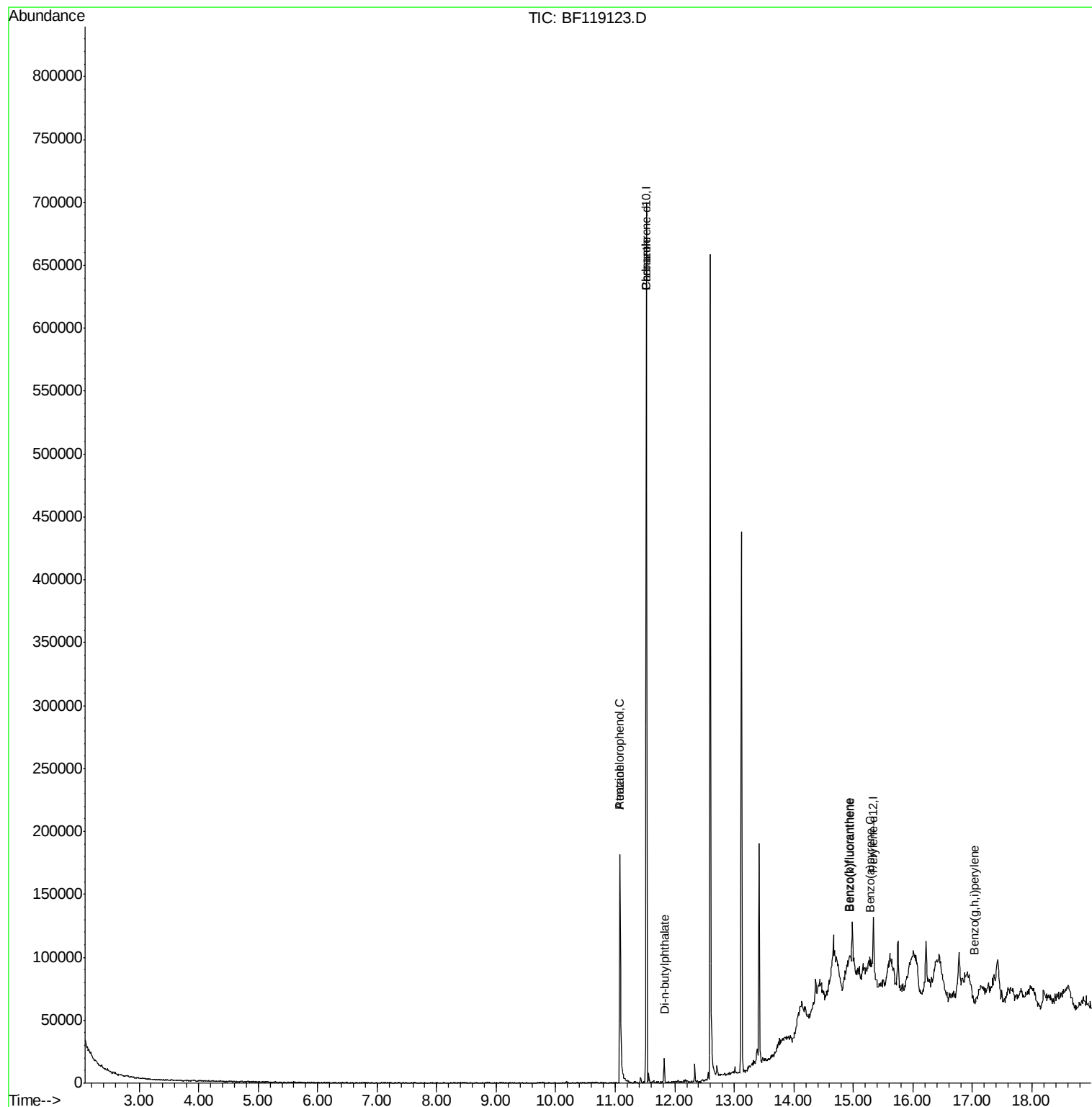
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
69) Atrazine	11.08	200	5629	2267.431	ng	# 36
70) Pentachlorophenol	11.08	266	36992	28080.492	ng	# 95
73) Carbazole	11.52	167	2873	272.737	ng	# 77
74) Di-n-butylphthalate	11.82	149	11743	920.536	ng	# 95
88) Benzo(b)fluoranthene	14.93	252	714	87.357	ng	# 1
89) Benzo(k)fluoranthene	14.95	252	489	64.559	ng	# 1
90) Benzo(a)pyrene	15.28	252	232	31.450	ng	# 1
92) Benzo(g,h,i)perylene	17.03	276	107	16.685	ng	# 55

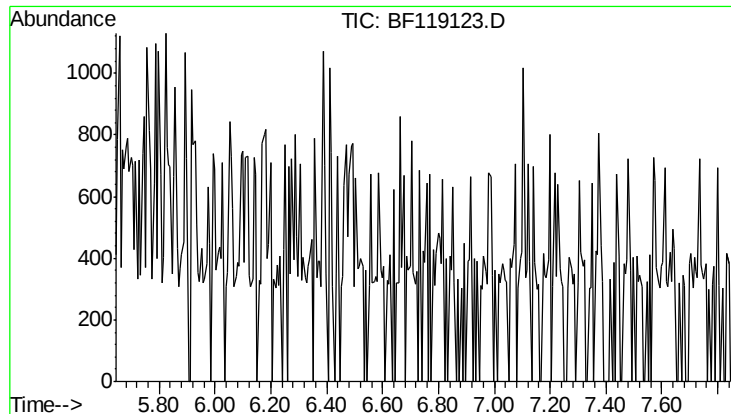
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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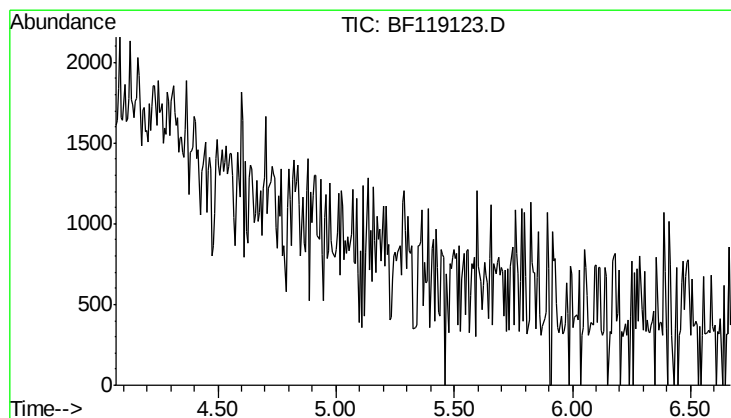
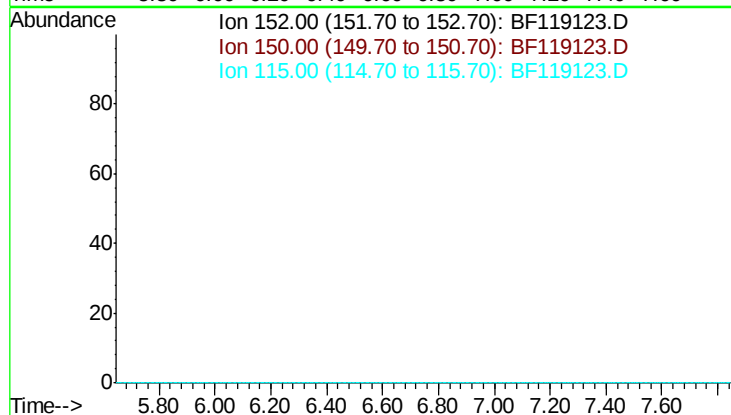




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.75 min
 Lab File: BF119123.D
 Acq: 27 Feb 2020 21:37

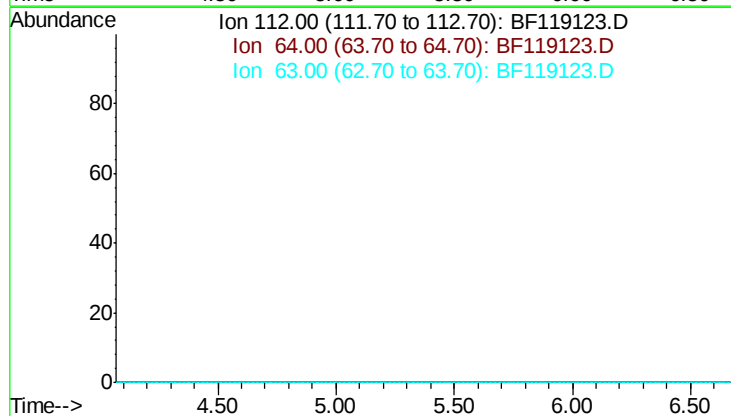
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

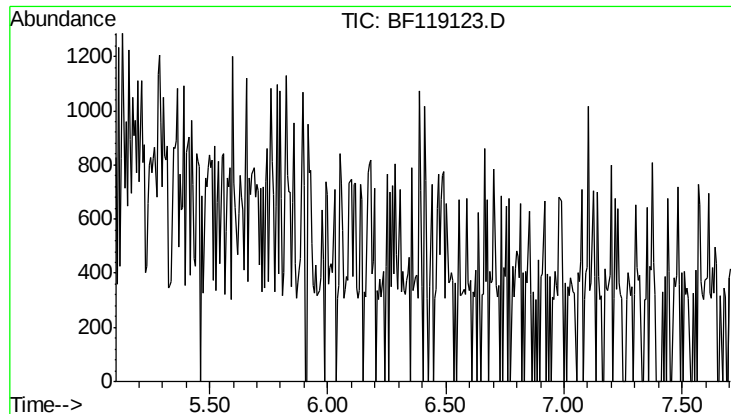
Tot Ion	152
Sig	Exp Ratio
152	100
150	153.8
115	61.9



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.37 min
 Lab File: BF119123.D
 Acq: 27 Feb 2020 21:37

Tgt Ion	112
Sig	Exp Ratio
112	100
64	56.2
63	30.3





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.40 min

Lab File: BF119123.D

Acq: 27 Feb 2020 21:37

Instrument :

BNA_F

ClientSampleId :

DFTPP

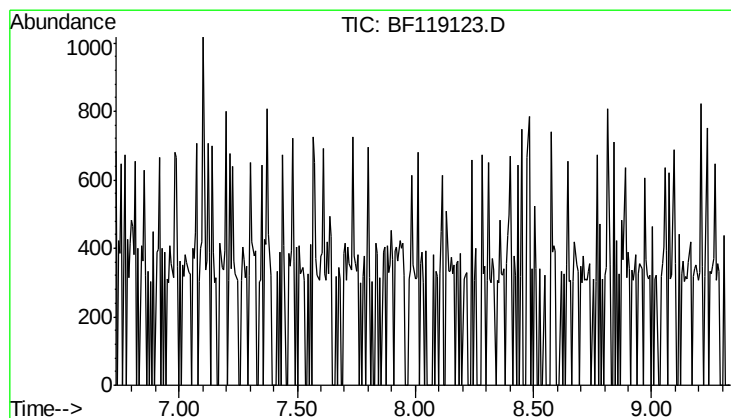
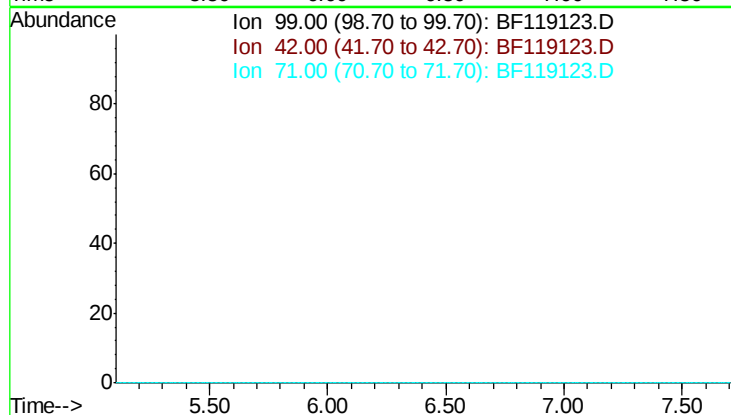
Tot Ion: 99

Sig Exp Ratio

99 100

42 15.7

71 38.7



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 8.03 min

Lab File: BF119123.D

Acq: 27 Feb 2020 21:37

Tgt Ion: 136

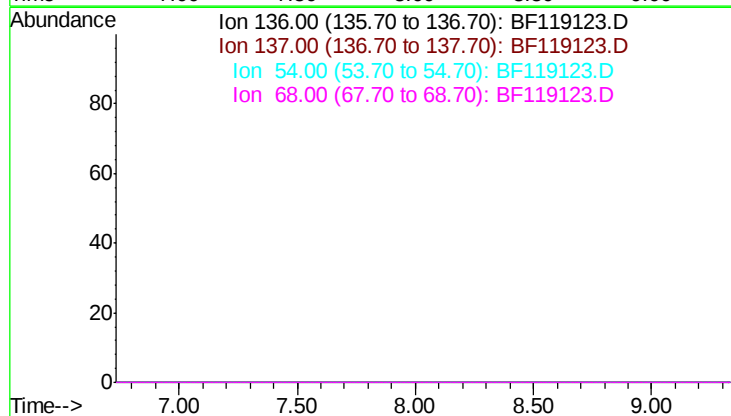
Sig Exp Ratio

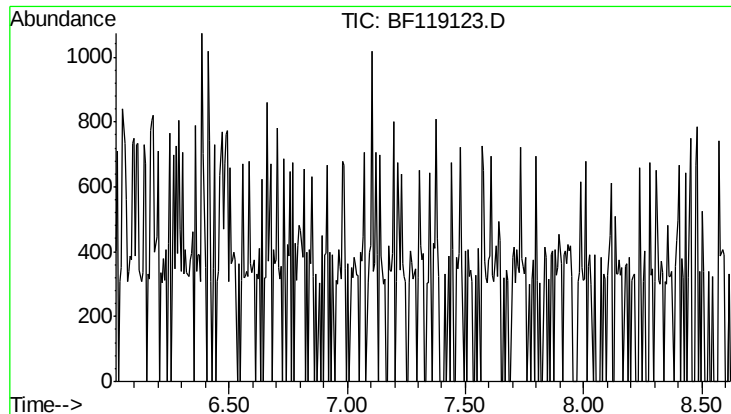
136 100

137 11.0

54 4.7

68 4.9

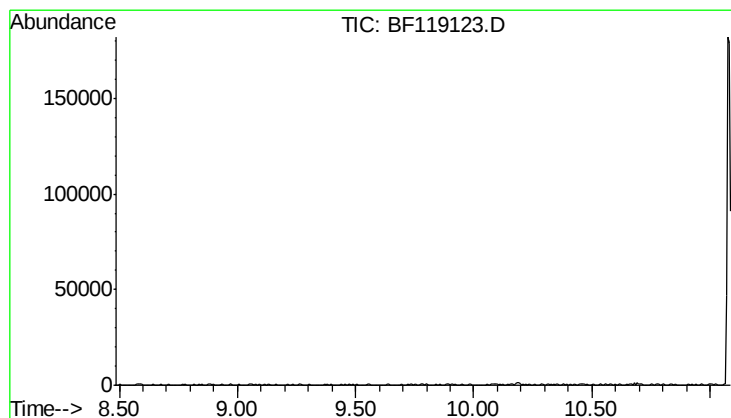
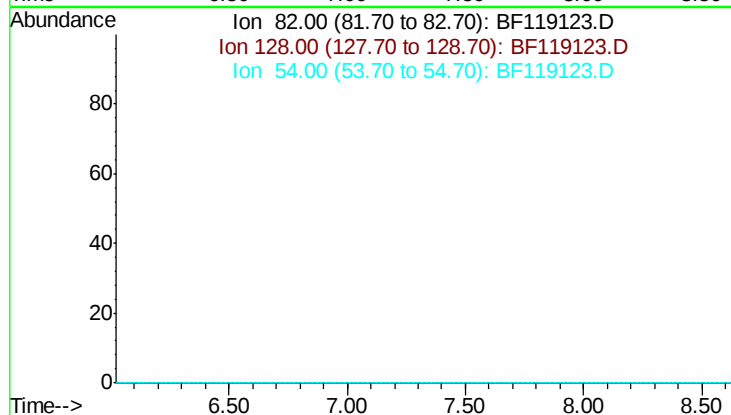




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.32 min
 Lab File: BF119123.D
 Acq: 27 Feb 2020 21:37

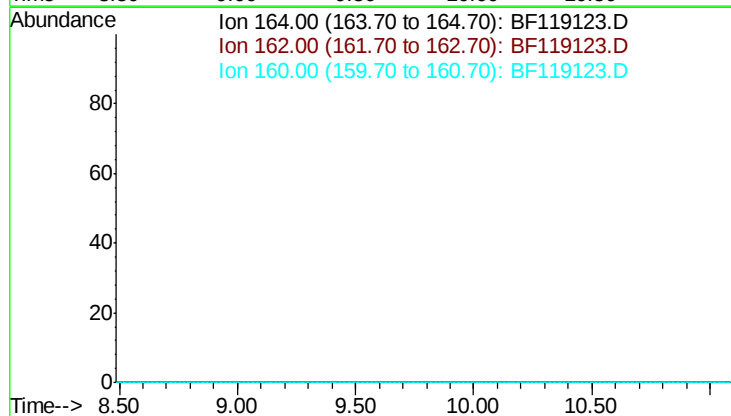
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

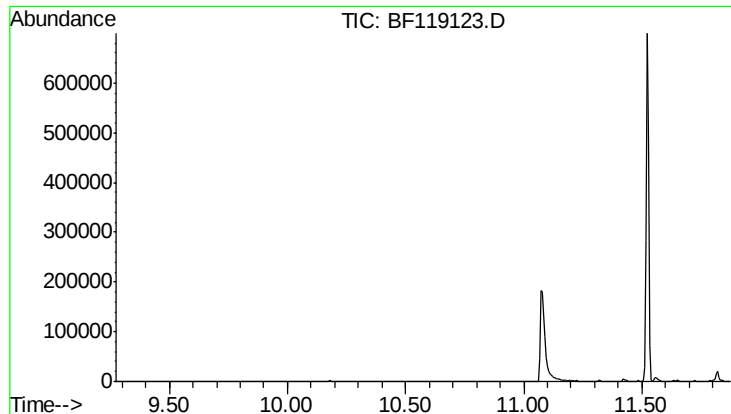
Tot Ion	82
Sig	Exp Ratio
82	100
128	47.4
54	41.8



#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.79 min
 Lab File: BF119123.D
 Acq: 27 Feb 2020 21:37

Tgt Ion	164
Sig	Exp Ratio
164	100
162	102.3
160	45.0

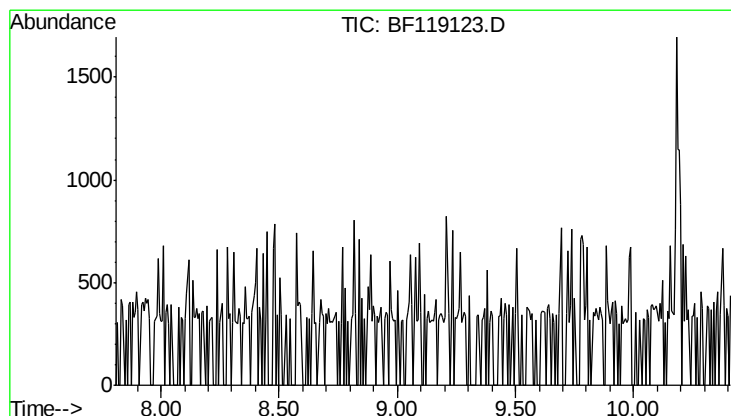
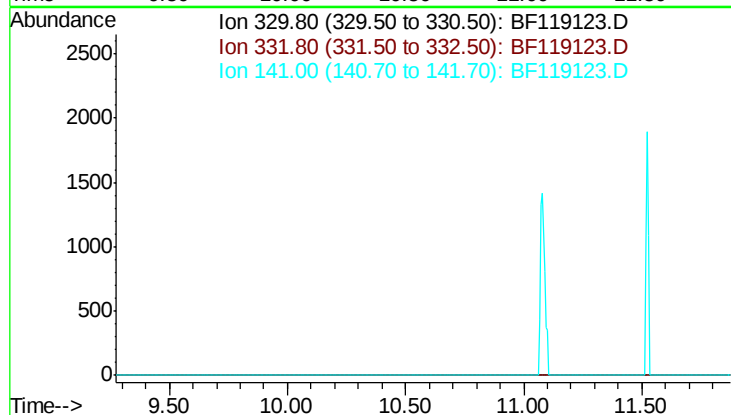




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.57 min
 Lab File: BF119123.D
 Acq: 27 Feb 2020 21:37

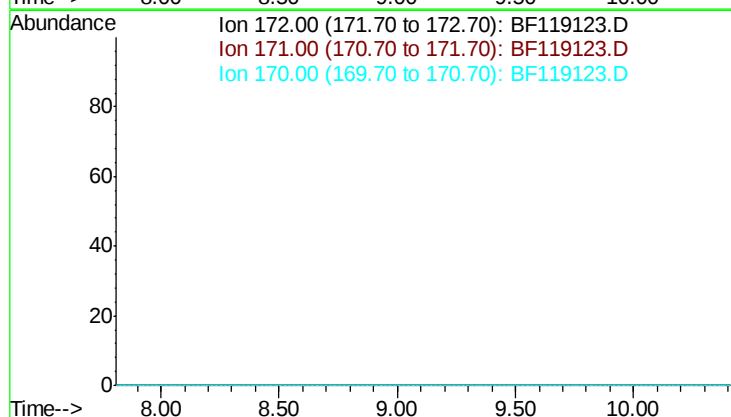
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

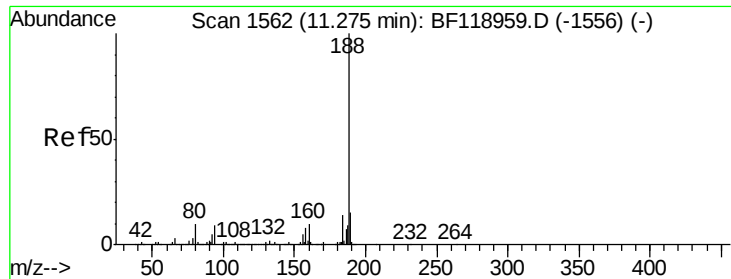
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.0
 141 28.6



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.11 min
 Lab File: BF119123.D
 Acq: 27 Feb 2020 21:37

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 38.2
 170 25.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1603

Delta R.T. 0.25 min

Lab File: BF119123.D

Acq: 27 Feb 2020 21:37

Instrument :

BNA_F

ClientSampleId :

DFTPP

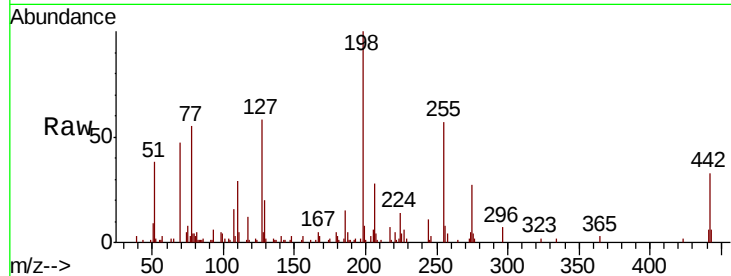
Tot Ion:188 Resp: 217

Ion Ratio Lower Upper

188 100

94 0.0 7.1 10.7#

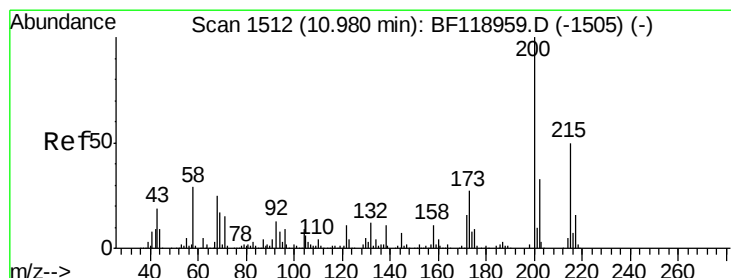
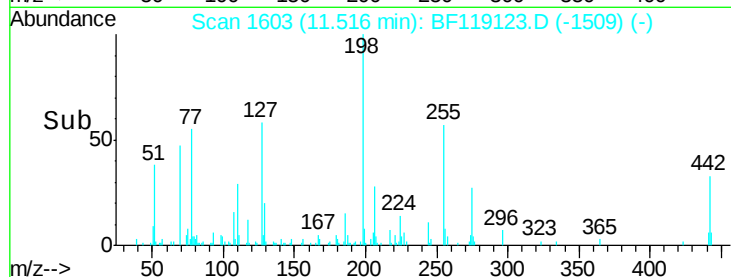
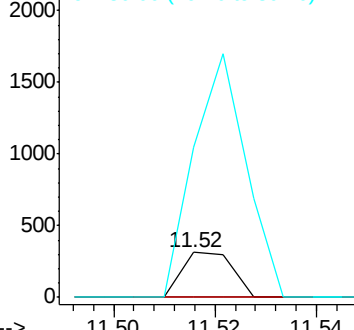
80 334.9 7.8 11.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#69

Atrazine

Concen: 2267.431 ng

RT: 11.08 min Scan# 1529

Delta R.T. 0.11 min

Lab File: BF119123.D

Acq: 27 Feb 2020 21:37

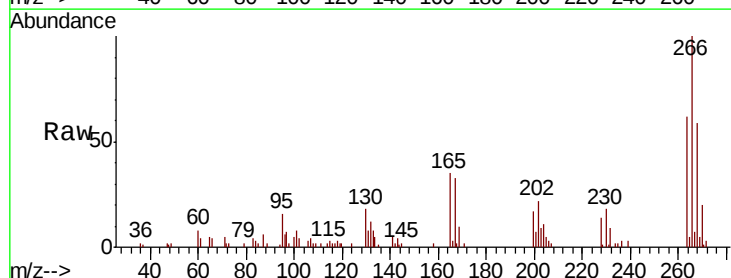
Tgt Ion:200 Resp: 5629

Ion Ratio Lower Upper

200 100

173 0.0 6.4 46.4#

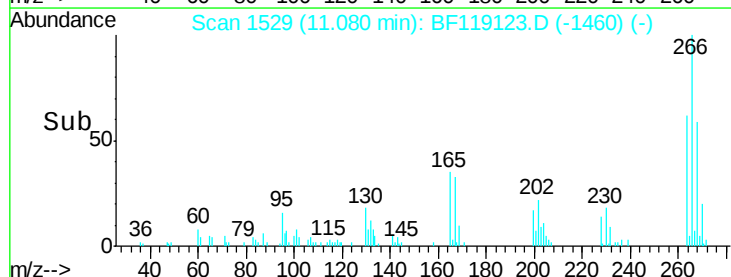
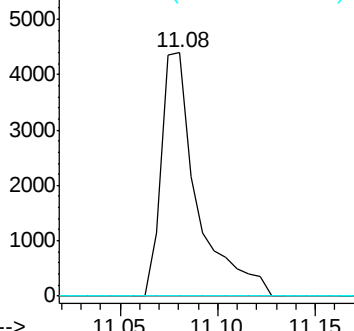
215 0.0 27.4 67.4#

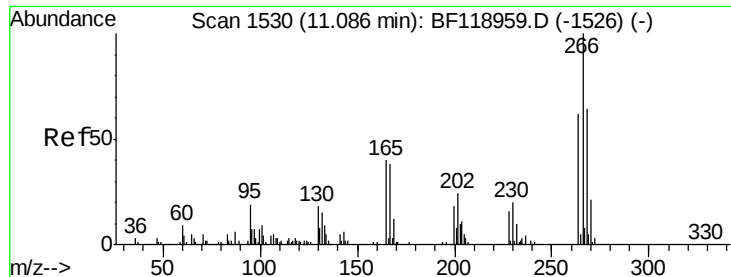


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

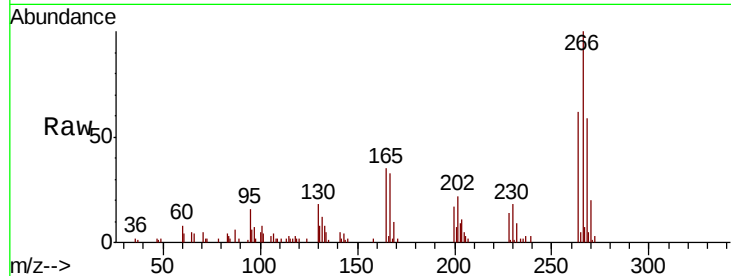




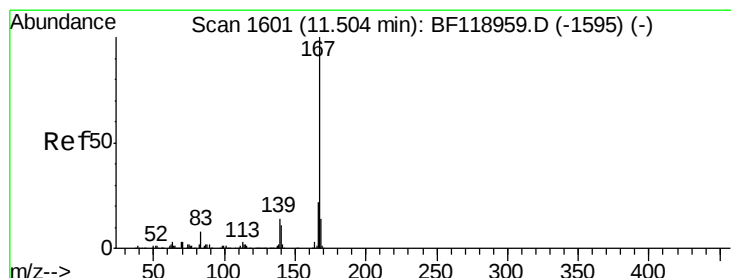
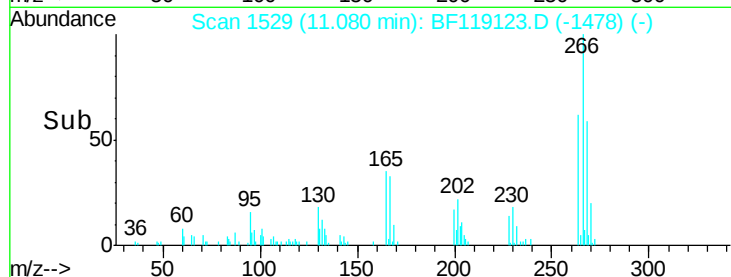
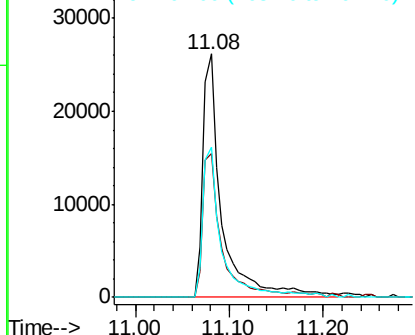
#70
 Pentachlorophenol
 Concen: 28080.492 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF119123.D
 Acq: 27 Feb 2020 21:37

Instrument :
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 DFTPP

Tot Ion	Ratio	Lower	Upper
266	100		
268	59.1	51.9	77.9
264	61.9	51.0	76.4

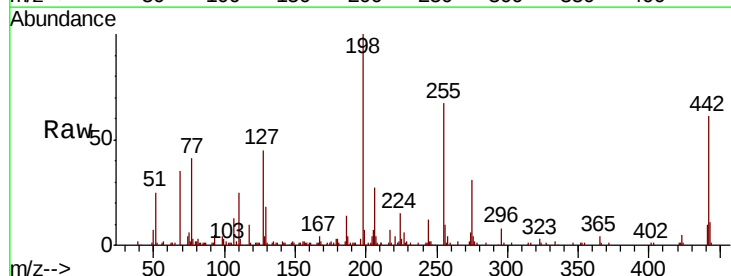


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

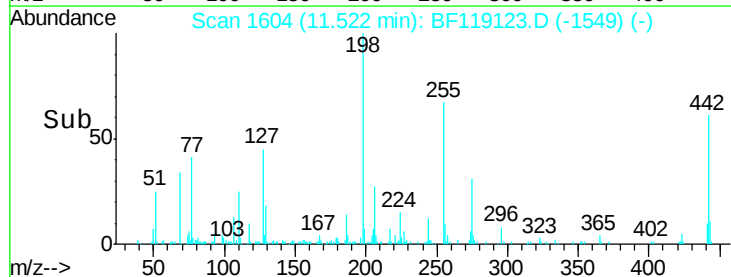
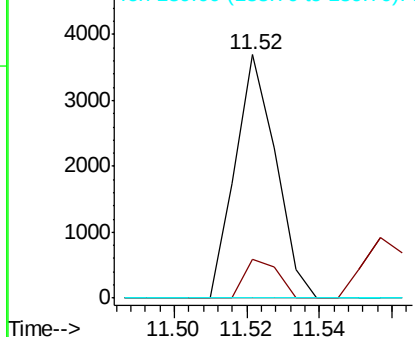


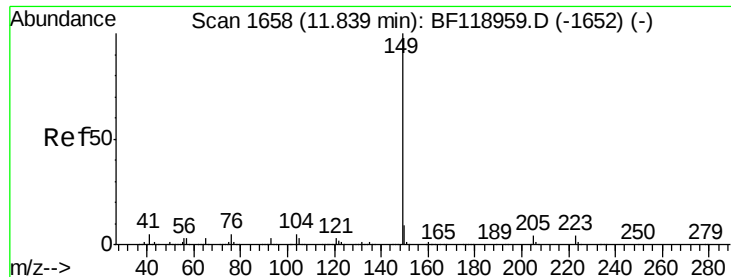
#73
 Carbazole
 Concen: 272.737 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. 0.02 min
 Lab File: BF119123.D
 Acq: 27 Feb 2020 21:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	15.7	18.2	27.4#
139	0.0	11.7	17.5#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 920.536 ng

RT: 11.82 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF119123.D

Acq: 27 Feb 2020 21:37

Instrument :

BNA_F

ClientSampleId :

DFTPP

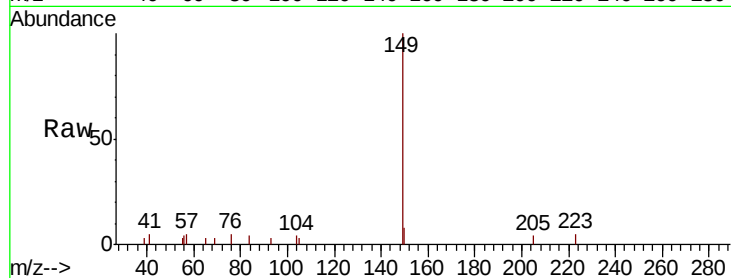
Tot Ion:149 Resp: 11743

Ion Ratio Lower Upper

149 100

150 7.9 7.9 11.9#

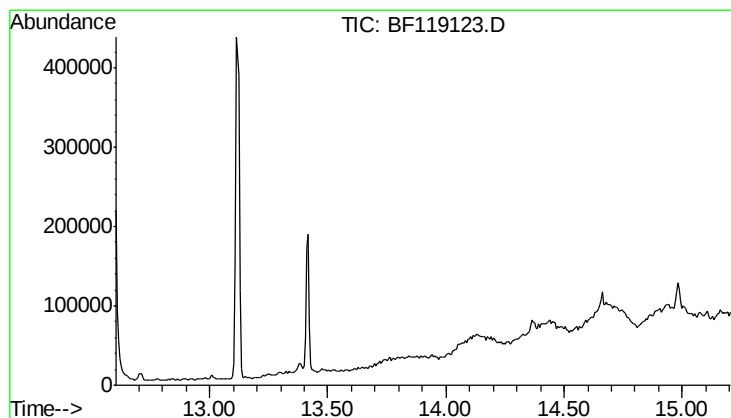
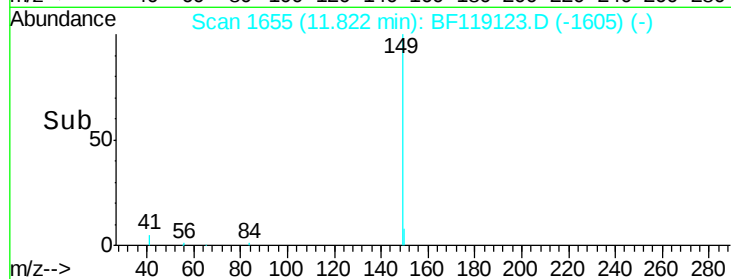
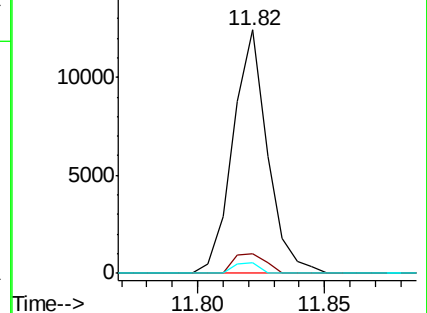
104 4.2 4.6 6.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 0.000 ng

Expected RT: 13.90 min

Lab File: BF119123.D

Acq: 27 Feb 2020 21:37

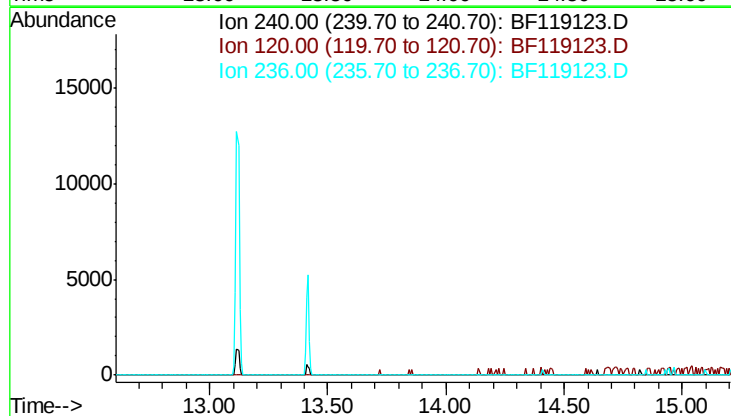
Tgt Ion: 240

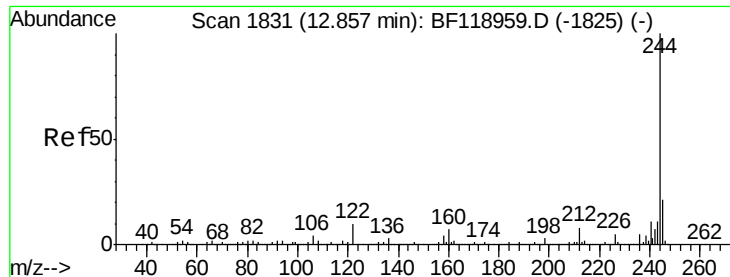
Sig Exp Ratio

240 100

120 10.5

236 26.2





#79

Terphenyl-d14

Concen: 0.000 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119123.D

Acq: 27 Feb 2020 21:37

Instrument :

BNA_F

ClientSampleId :

DFTPP

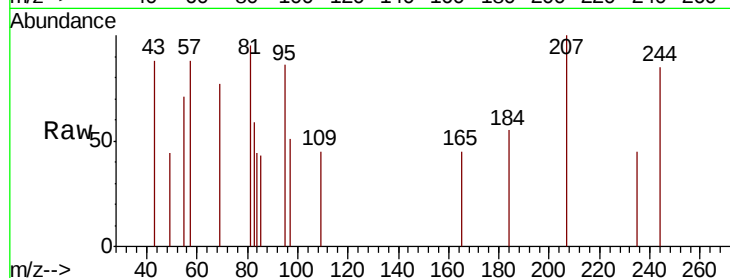
Tot Ion:244 Resp: 544

Ion Ratio Lower Upper

244 100

212 0.0 6.6 10.0#

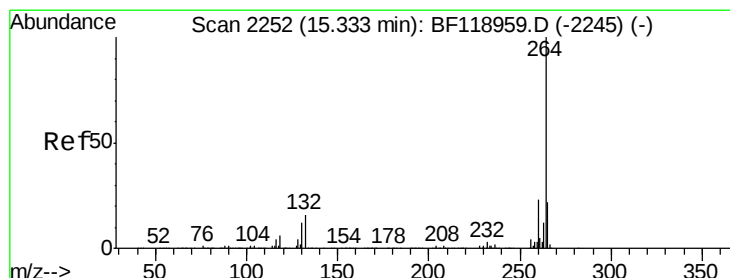
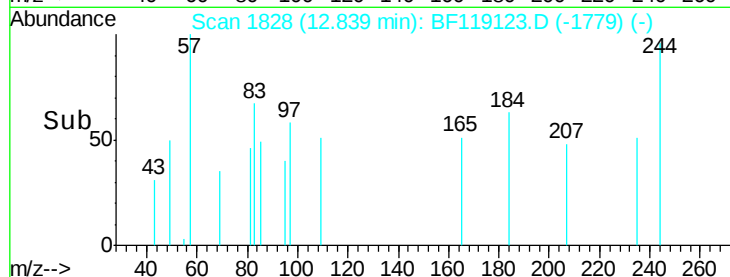
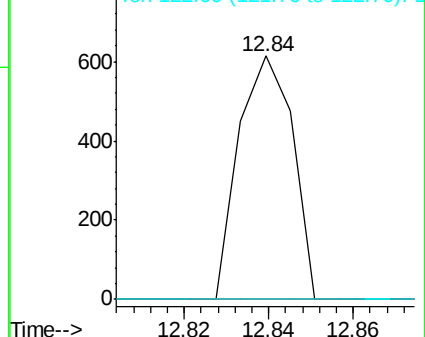
122 0.0 8.2 12.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.34 min Scan# 2253

Delta R.T. 0.02 min

Lab File: BF119123.D

Acq: 27 Feb 2020 21:37

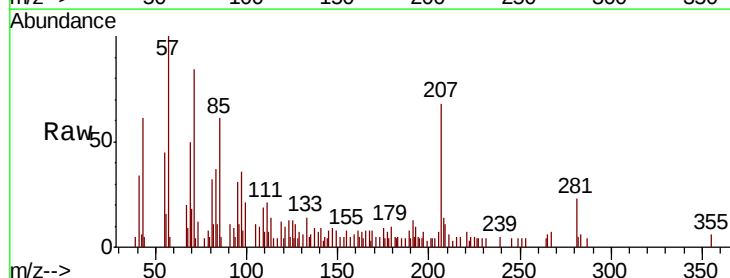
Tgt Ion:264 Resp: 124

Ion Ratio Lower Upper

264 100

260 0.0 19.4 29.2#

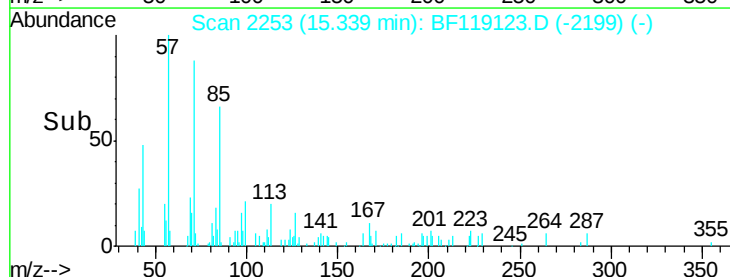
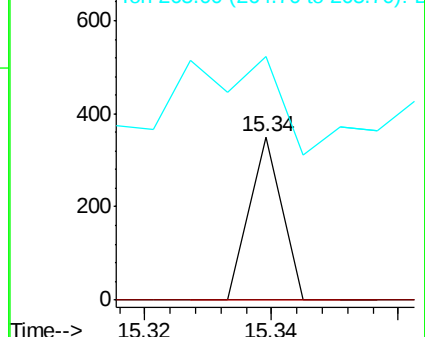
265 149.0 17.7 26.5#

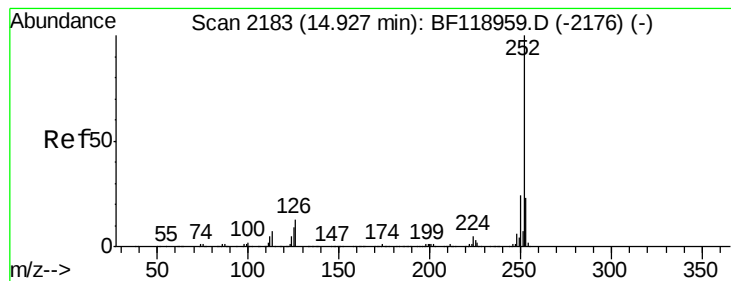


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 87.357 ng

RT: 14.93 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BF119123.D

Acq: 27 Feb 2020 21:37

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DFTPP

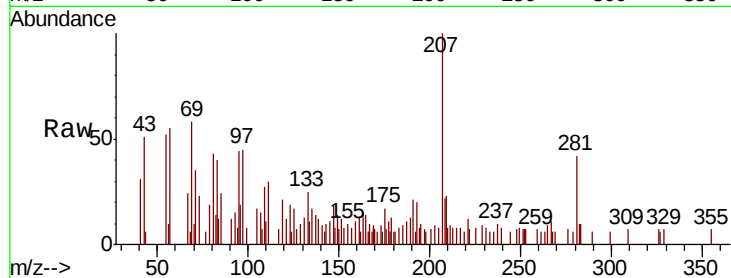
Tot Ion:252 Resp: 714

Ion Ratio Lower Upper

252 100

253 95.4 18.1 27.1#

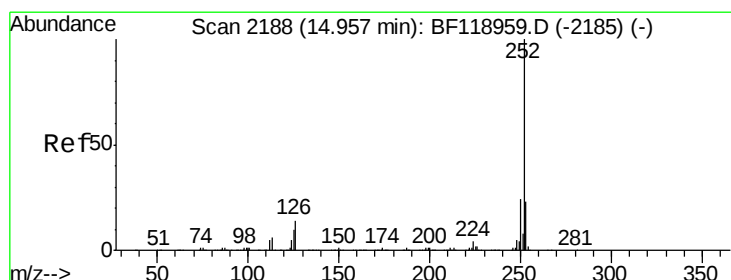
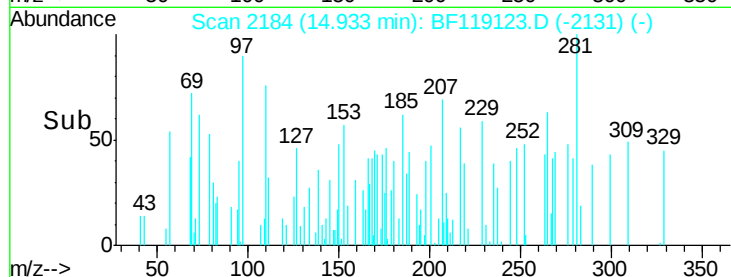
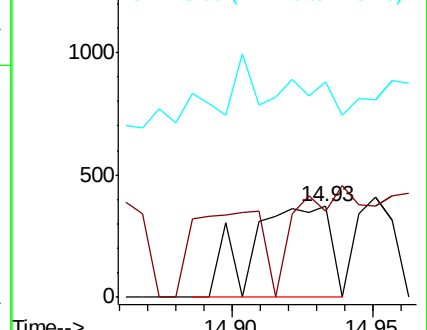
125 237.5 7.4 11.0#



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



#89

Benzo(k)fluoranthene

Concen: 64.559 ng

RT: 14.95 min Scan# 2187

Delta R.T. 0.00 min

Lab File: BF119123.D

Acq: 27 Feb 2020 21:37

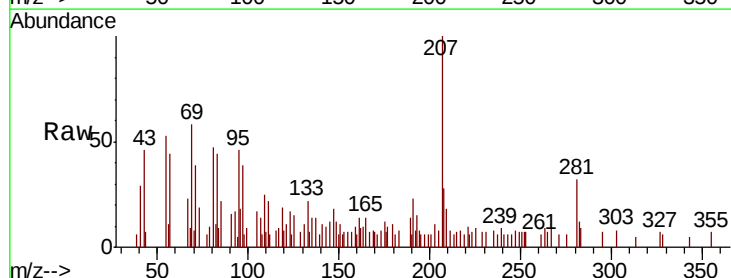
Tgt Ion:252 Resp: 489

Ion Ratio Lower Upper

252 100

253 91.9 17.8 26.8#

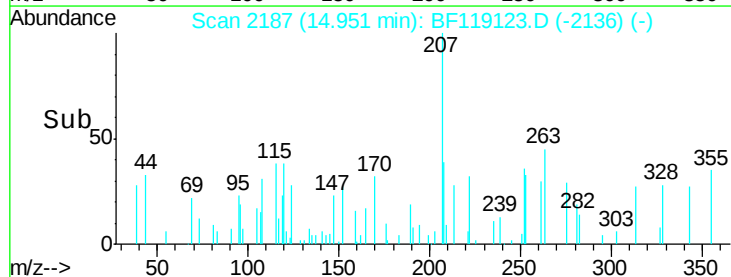
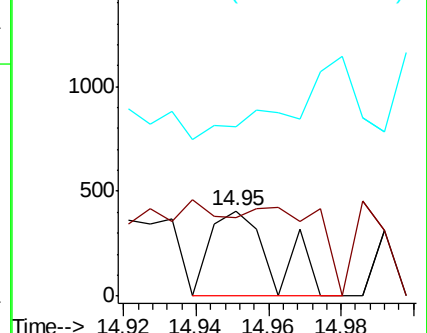
125 197.8 7.5 11.3#

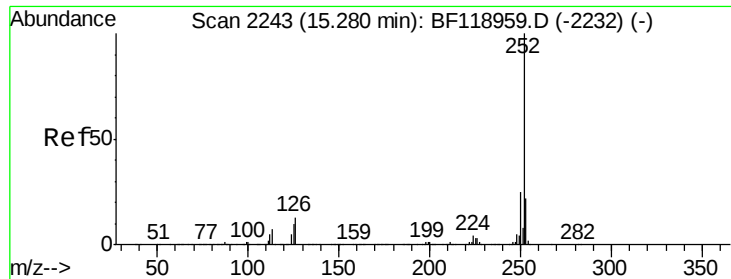


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 31.450 ng

RT: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF119123.D

Acq: 27 Feb 2020 21:37

Instrument :

BNA_F

ClientSampleId :

DFTPP

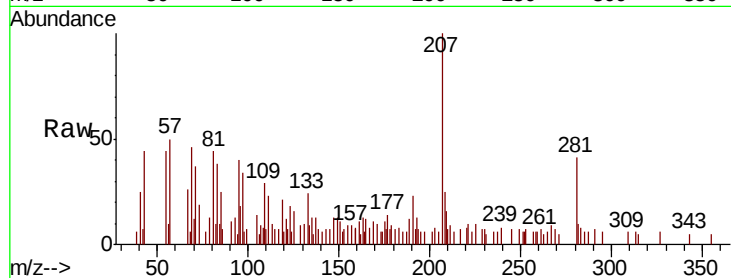
Tot Ion:252 Resp: 232

Ion Ratio Lower Upper

252 100

253 123.9 18.0 27.0#

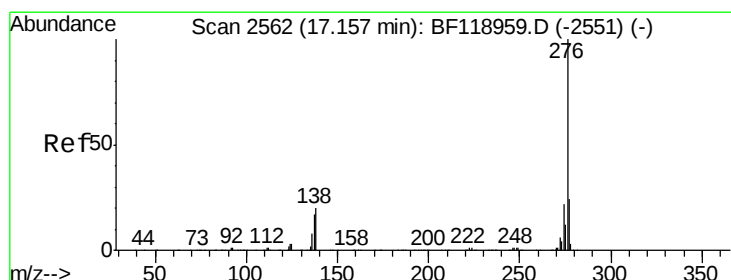
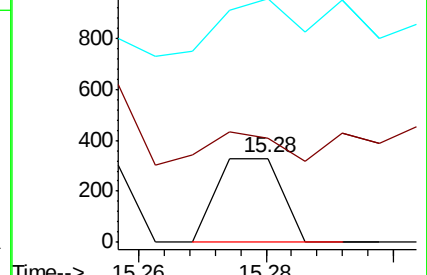
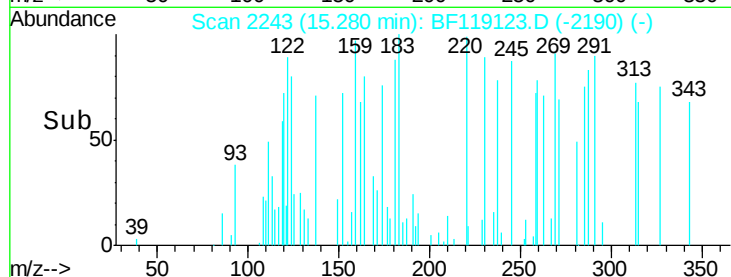
125 289.4 8.6 12.8#



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



#92

Benzo(g,h,i)perylene

Concen: 16.685 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.13 min

Lab File: BF119123.D

Acq: 27 Feb 2020 21:37

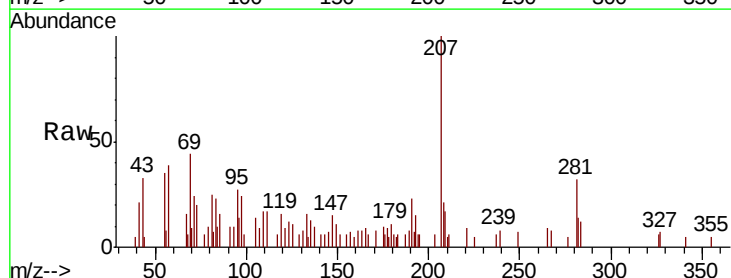
Tgt Ion:276 Resp: 107

Ion Ratio Lower Upper

276 100

277 0.0 18.7 28.1#

138 0.0 14.3 21.5#



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

