

Data File : BF116324.D
Acq On : 16 Aug 2019 17:24
Operator : HP/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 17 03:08:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
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	-6.85
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.13
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.89
64) Phenanthrene-d10	11.35	188	580	20.00	ng	-0.02
76) Chrysene-d12	14.01	240	730	20.00	ng	0.00
87) Perylene-d12	0.00	264	0	0.00	ng	-15.47

System Monitoring Compounds						
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	9.21	172	1027	0.00	ng	0.00
79) Terphenyl-d14	12.92	244	5236	151.14	ng	-0.04

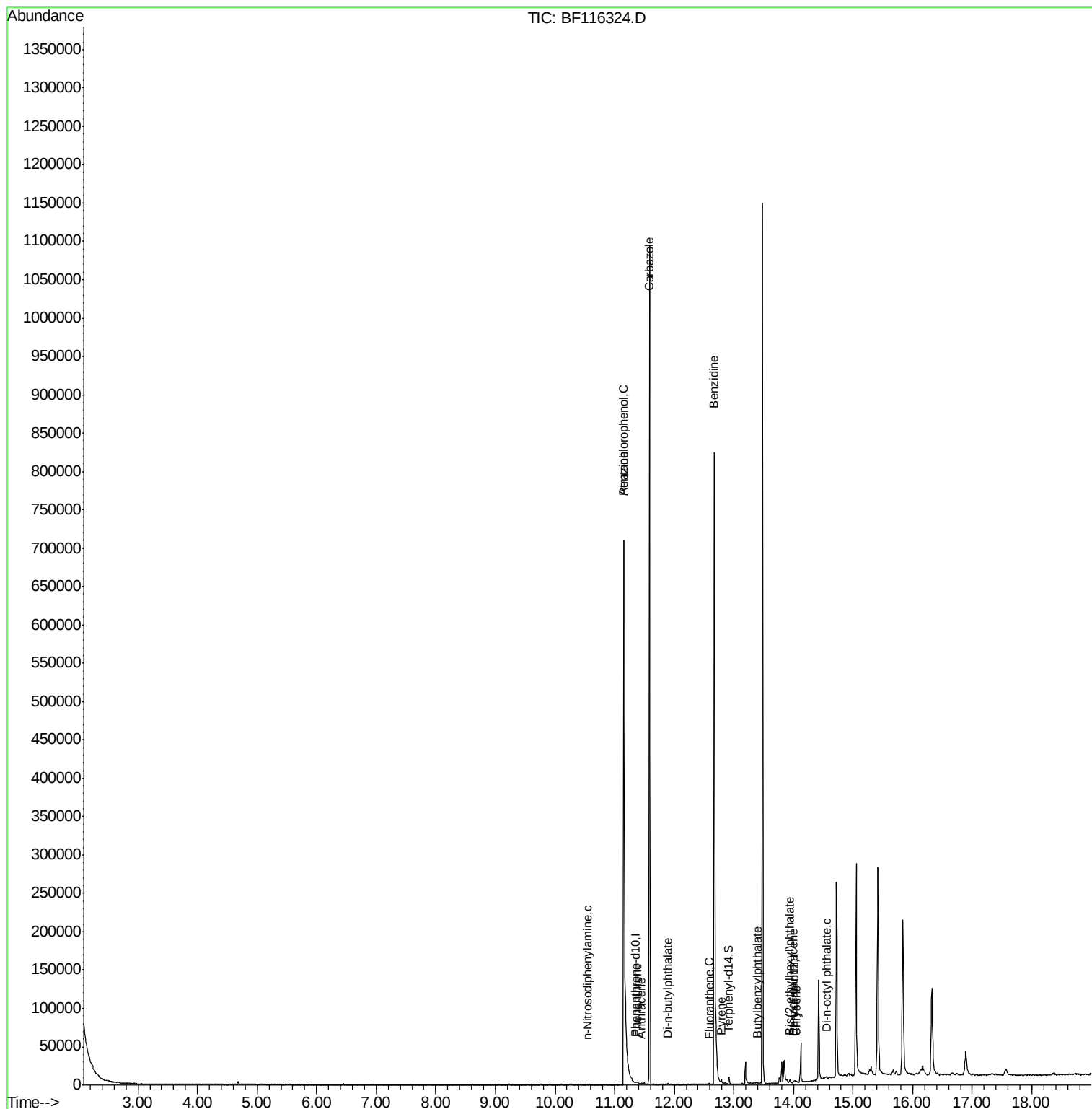
Target Compounds				Qvalue		
66) n-Nitrosodiphenylamine	10.54	169	120	6.874	ng	# 24
69) Atrazine	11.15	200	23912	4163.567	ng	# 36
70) Pentachlorophenol	11.15	266	140421	40285.186	ng	# 98
71) Phenanthrene	11.38	178	1229	41.449	ng	# 59
72) Anthracene	11.45	178	1038	34.591	ng	# 59
73) Carbazole	11.59	167	5259	193.171	ng	# 76
74) Di-n-butylphthalate	11.89	149	1561	49.152	ng	# 77
75) Fluoranthene	12.58	202	1572	50.642	ng	# 64
77) Benzidine	12.67	184	417380	16923.690	ng	# 98
78) Pyrene	12.79	202	1680	30.530	ng	# 97
80) Butylbenzylphthalate	13.39	149	420	18.043	ng	# 49
81) Benzo(a)anthracene	14.00	228	1192	25.547	ng	# 50
83) Chrysene	14.03	228	2389	52.739	ng	# 77
84) Bis(2-ethylhexyl)phthalate	13.94	149	1245	41.159	ng	# 97
85) Di-n-octyl phthalate	14.55	149	1064	22.146	ng	# 77

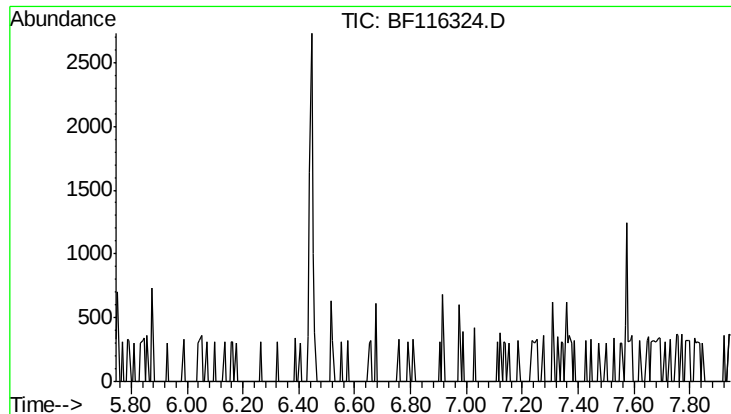
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.000 ng

Expected RT: 6.85 min

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ClientSampleId :

DFTPP

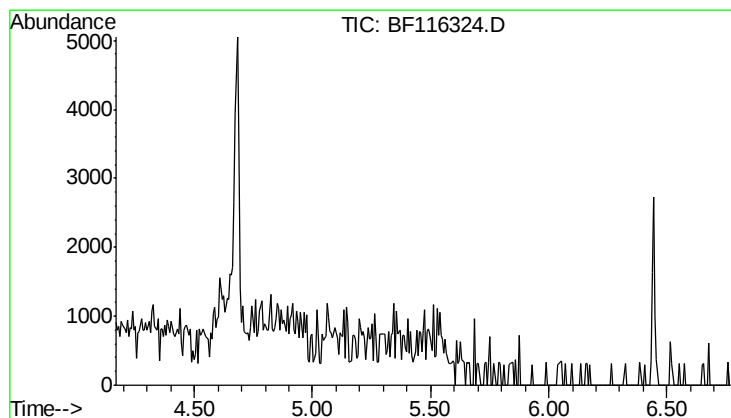
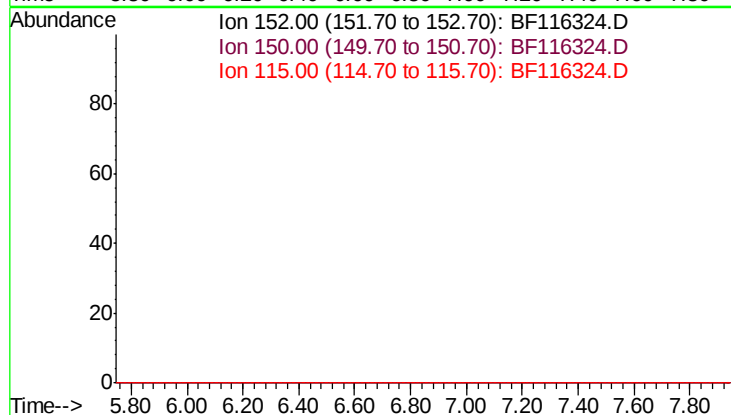
Tgt Ion: 152

Sig Exp Ratio

152 100

150 157.7

115 62.4



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.47 min

Lab File: BF116324.D

Acq: 16 Aug 2019 17:24

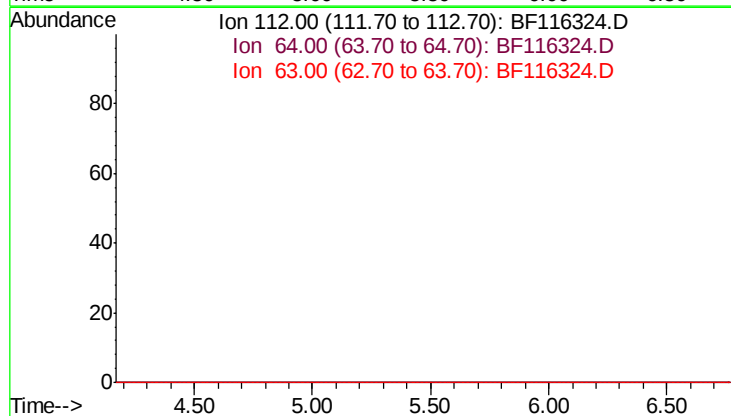
Tgt Ion: 112

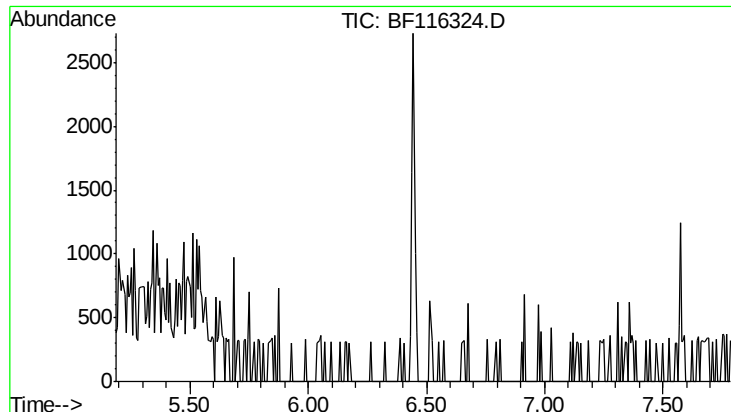
Sig Exp Ratio

112 100

64 56.8

63 29.6





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.49 min

Lab File: BF116324.D

Acq: 16 Aug 2019 17:24

Instrument :

BNA_F

ClientSampleId :

DFTPP

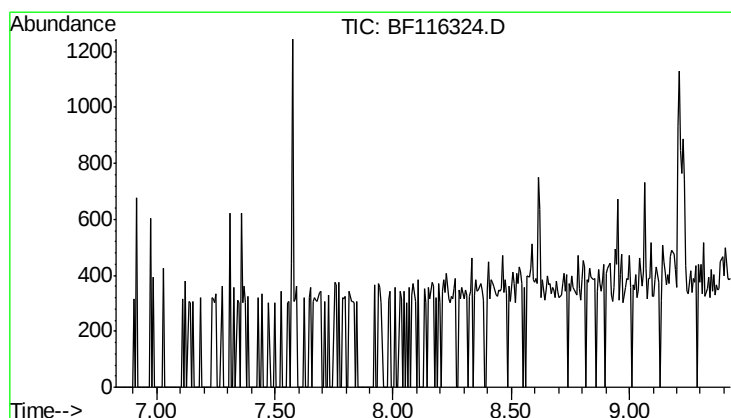
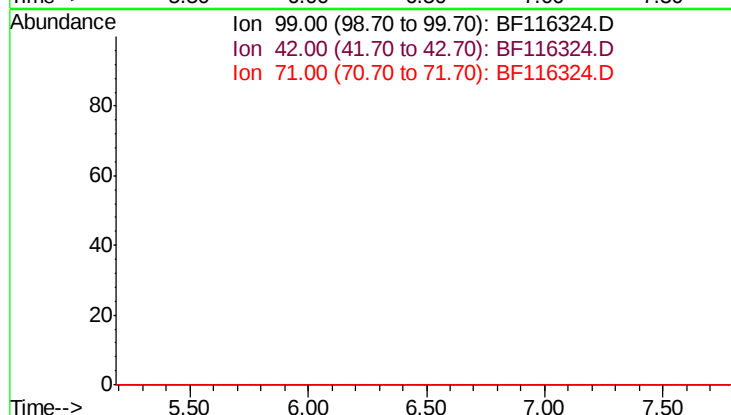
Tgt Ion: 99

Sig Exp Ratio

99 100

42 17.3

71 34.1



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 8.13 min

Lab File: BF116324.D

Acq: 16 Aug 2019 17:24

Tgt Ion: 136

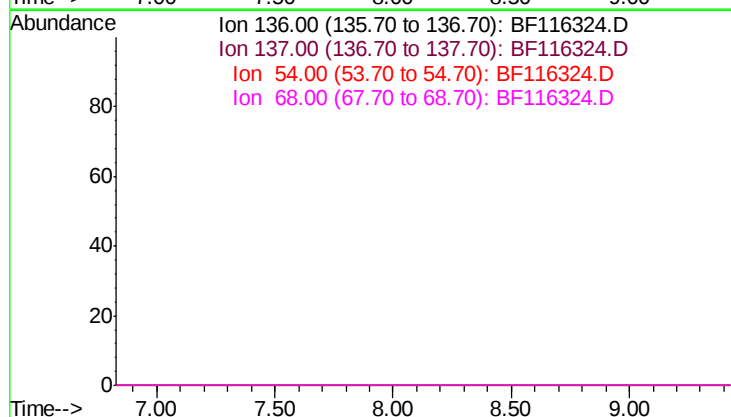
Sig Exp Ratio

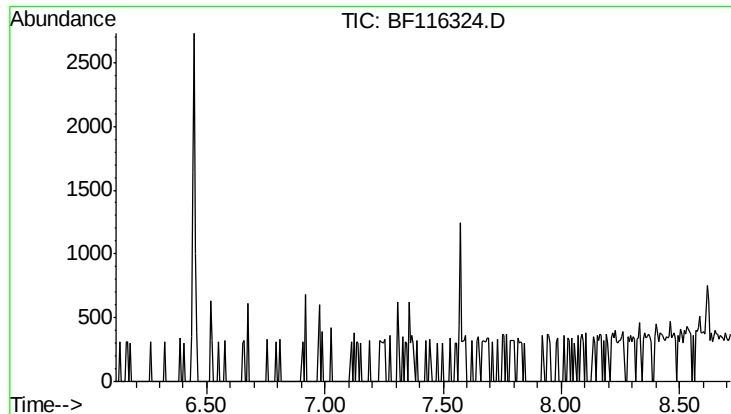
136 100

137 11.2

54 7.2

68 6.5

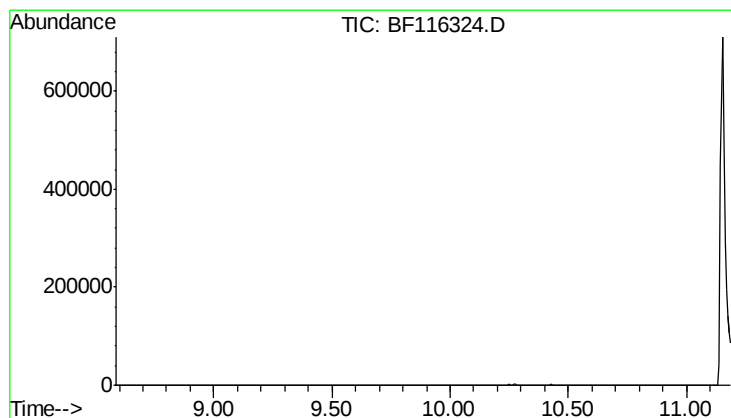
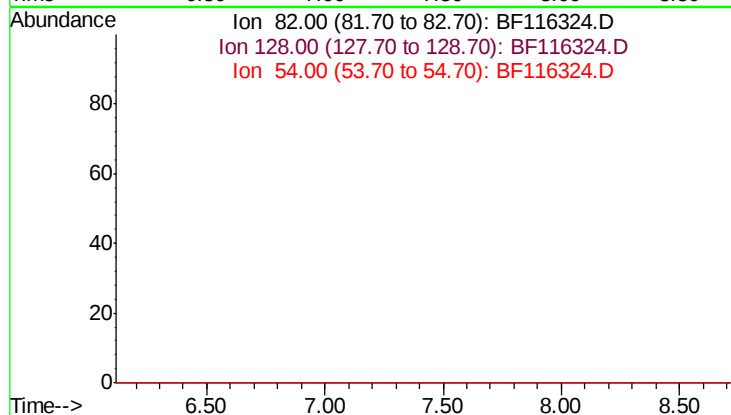




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.42 min
 Lab File: BF116324.D
 Acq: 16 Aug 2019 17:24

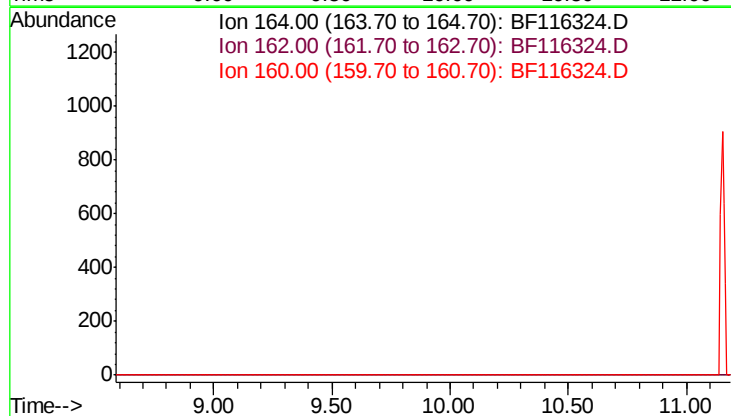
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

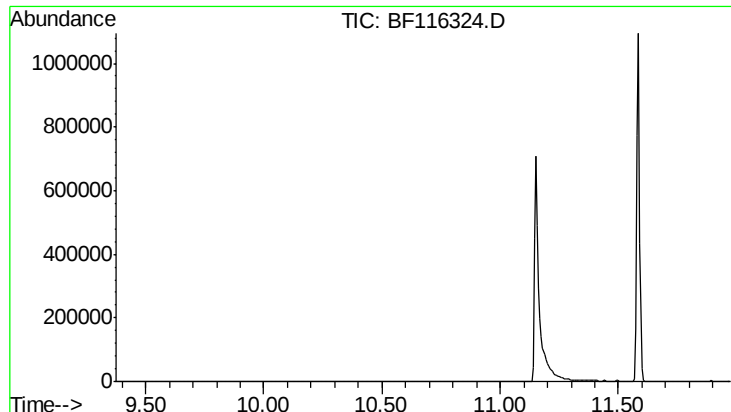
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 45.6
 54 45.0



#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.89 min
 Lab File: BF116324.D
 Acq: 16 Aug 2019 17:24

Tgt Ion: 164
 Sig Exp Ratio
 164 100
 162 103.3
 160 47.0





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.67 min

Lab File: BF116324.D

Acq: 16 Aug 2019 17:24

Instrument :

BNA_F

ClientSampleId :

DFTPP

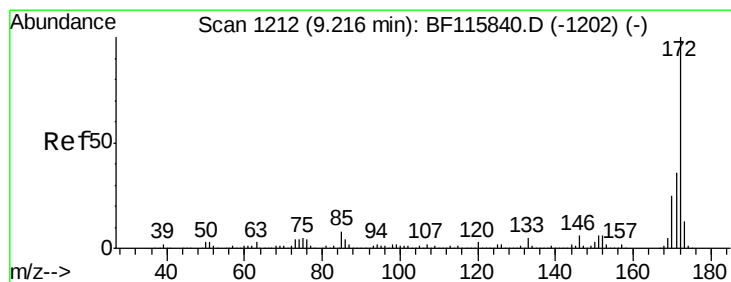
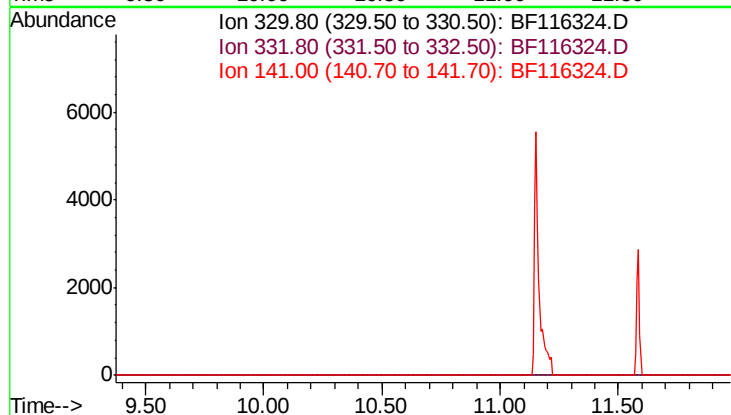
Tgt Ion: 330

Sig Exp Ratio

330 100

332 96.0

141 32.9



#45

2-Fluorobiphenyl

Concen: 0.000 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.01 min

Lab File: BF116324.D

Acq: 16 Aug 2019 17:24

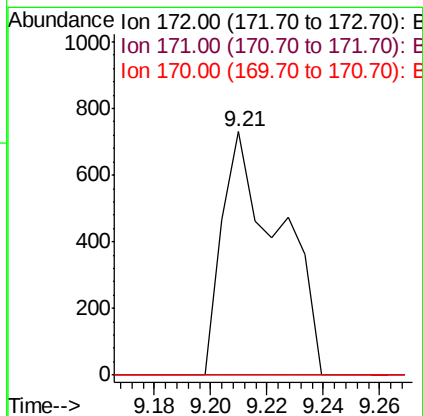
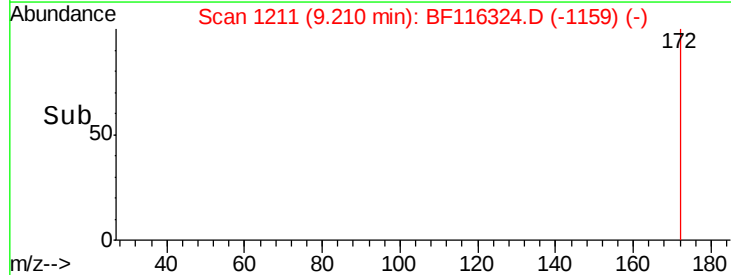
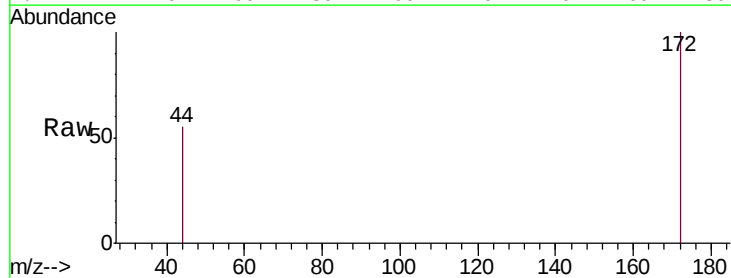
Tgt Ion: 172 Resp: 1027

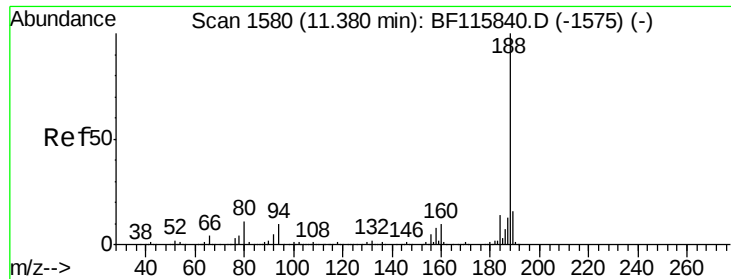
Ion Ratio Lower Upper

172 100

171 0.0 29.6 44.4#

170 0.0 20.1 30.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF116324.D

Acq: 16 Aug 2019 17:24

Instrument :

BNA_F

ClientSampleId :

DFTPP

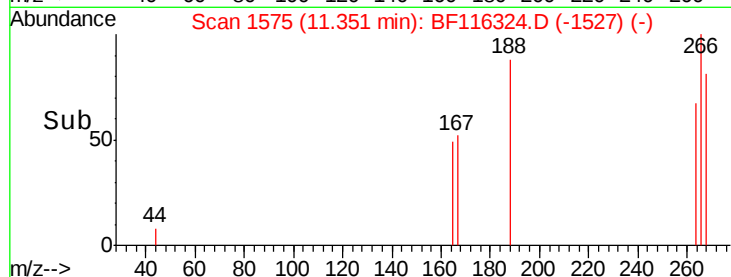
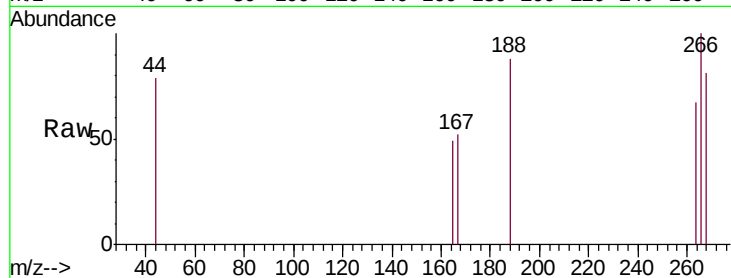
Tgt Ion:188 Resp: 580

Ion Ratio Lower Upper

188 100

94 0.0 8.1 12.1#

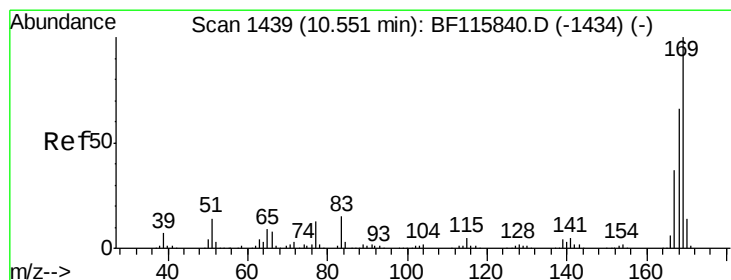
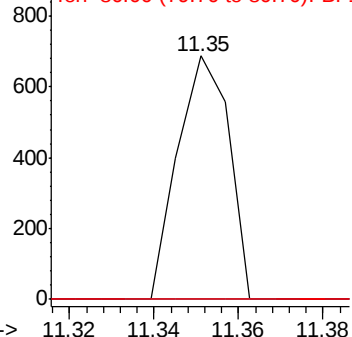
80 0.0 8.7 13.1#



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



#66

n-Nitrosodiphenylamine

Concen: 6.874 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF116324.D

Acq: 16 Aug 2019 17:24

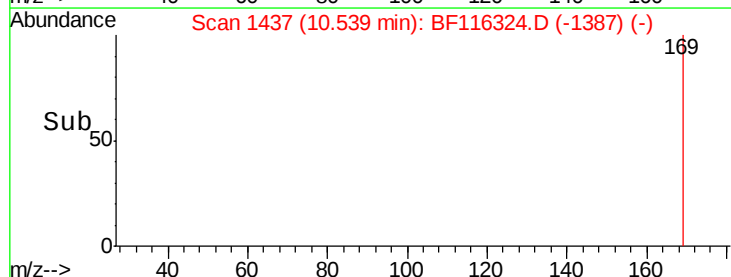
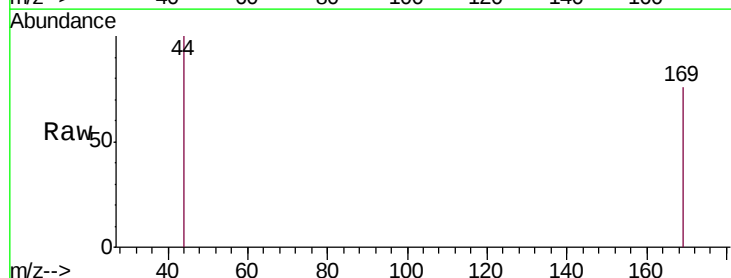
Tgt Ion:169 Resp: 120

Ion Ratio Lower Upper

169 100

168 0.0 53.8 80.6#

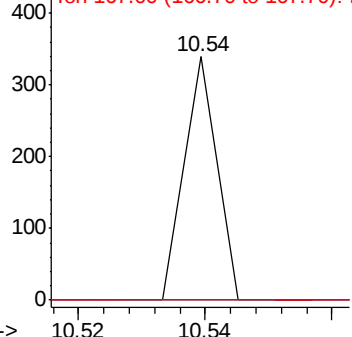
167 0.0 29.6 44.4#

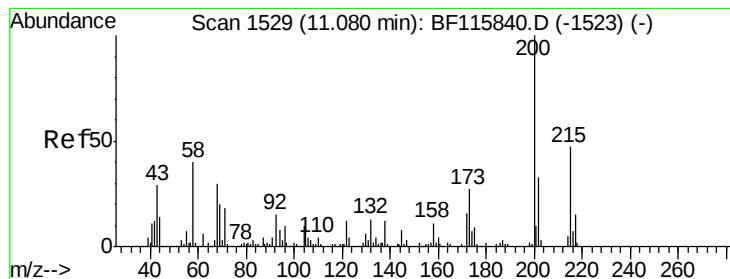


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Atrazine

Concen: 4163.567 ng

RT: 11.15 min Scan# 1541

Delta R.T. 0.08 min

Lab File: BF116324.D

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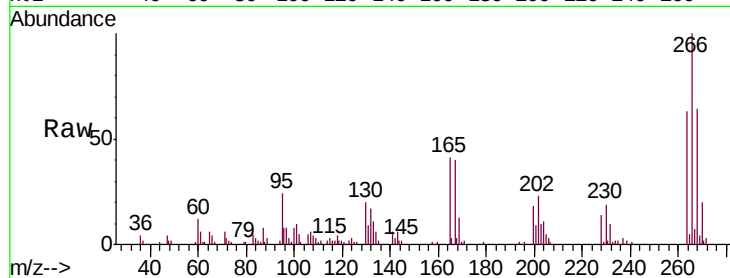
Tgt Ion:200 Resp: 23912

Ion Ratio Lower Upper

200 100

173 0.0 6.8 46.8#

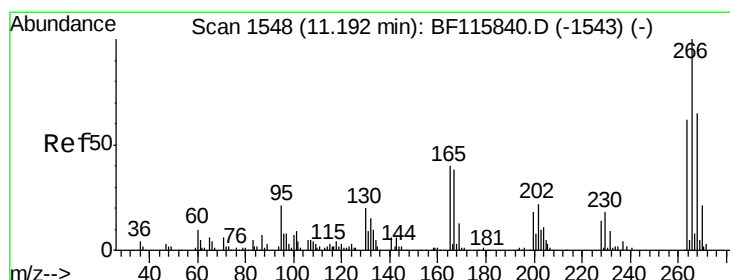
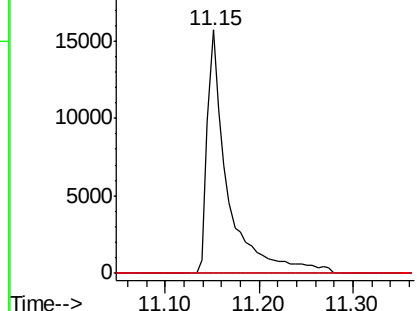
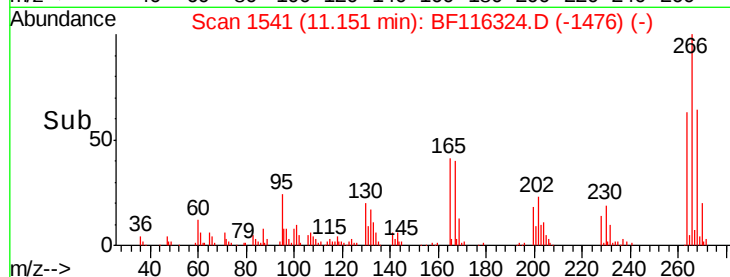
215 0.0 27.5 67.5#



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: 40285.186 ng

RT: 11.15 min Scan# 1541

Delta R.T. -0.03 min

Lab File: BF116324.D

Acq: 16 Aug 2019 17:24

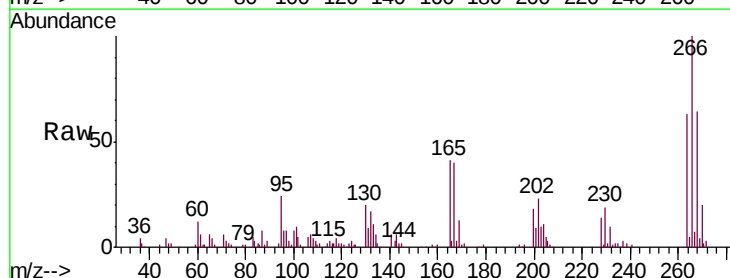
Tgt Ion:266 Resp: 140421

Ion Ratio Lower Upper

266 100

268 63.7 48.8 73.2

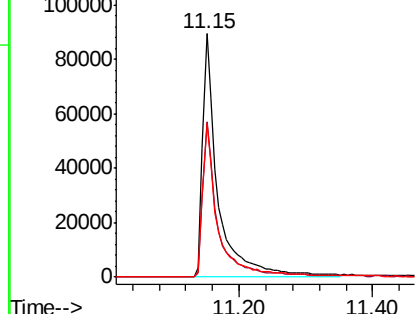
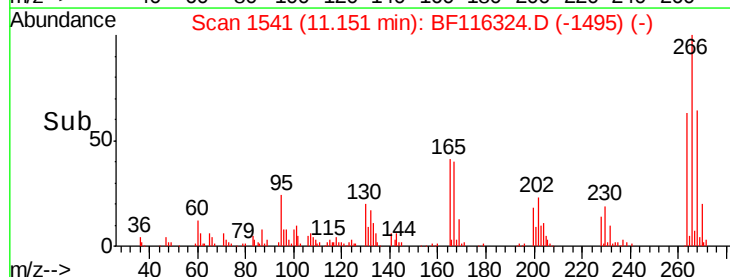
264 63.2 50.6 76.0

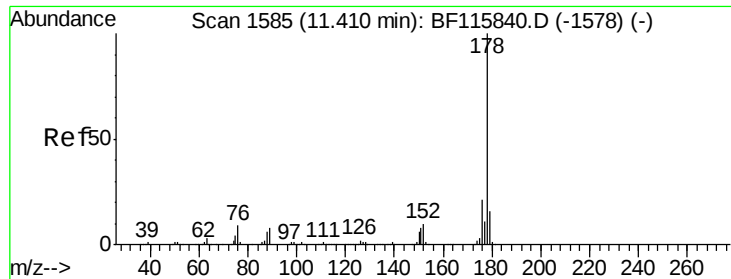


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

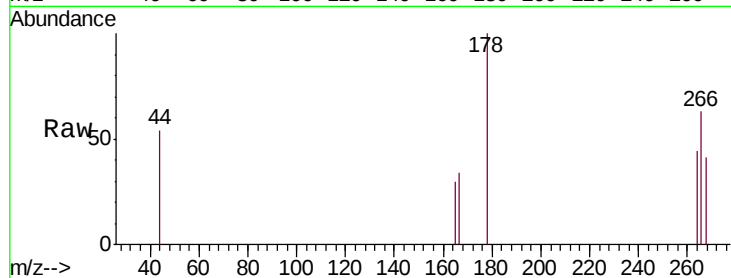




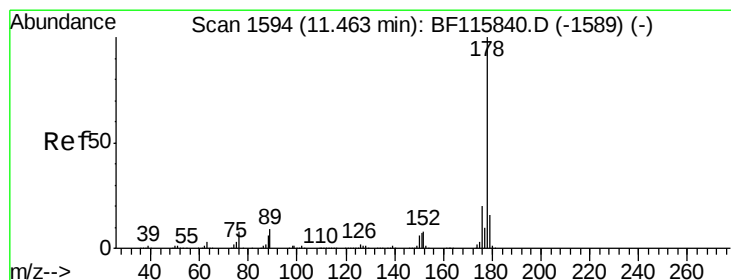
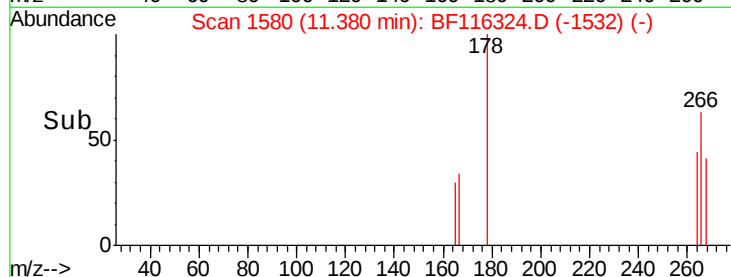
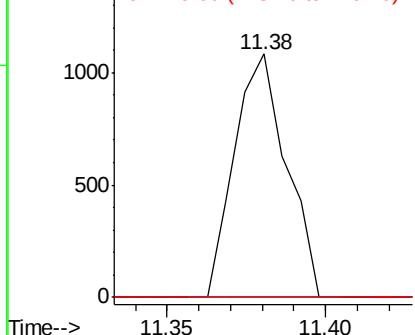
#71
Phenanthrene
Concen: 41.449 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF116324.D
Acq: 16 Aug 2019 17:24

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:178 Resp: 1229
Ion Ratio Lower Upper
178 100
176 0.0 16.6 24.8#
179 0.0 12.5 18.7#

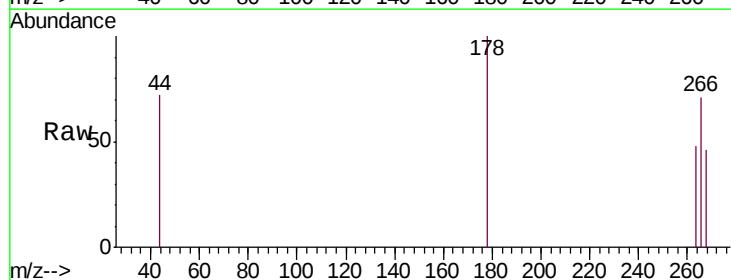


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

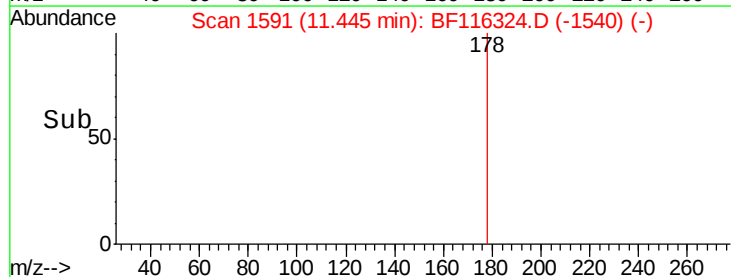
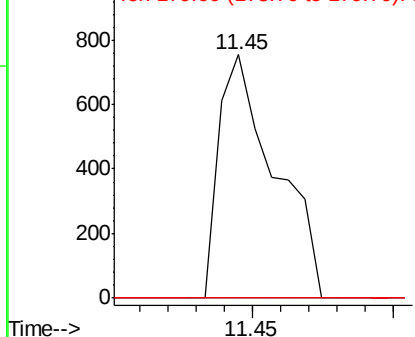


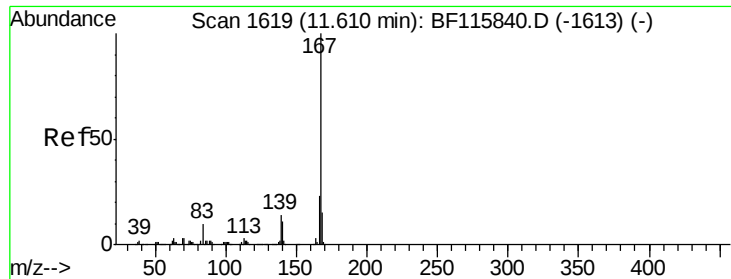
#72
Anthracene
Concen: 34.591 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF116324.D
Acq: 16 Aug 2019 17:24

Tgt Ion:178 Resp: 1038
Ion Ratio Lower Upper
178 100
176 0.0 15.7 23.5#
179 0.0 13.0 19.6#



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

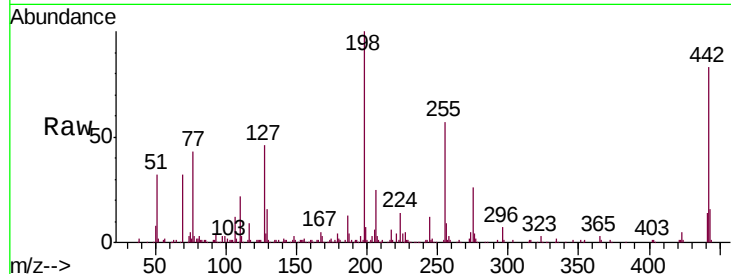




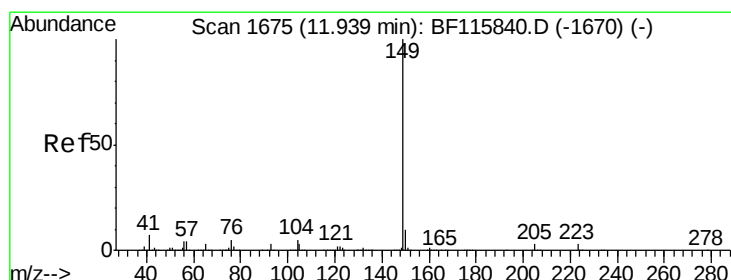
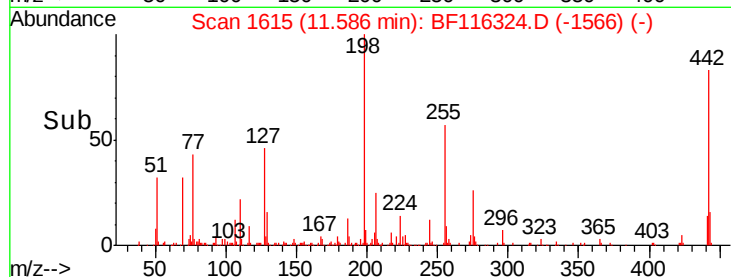
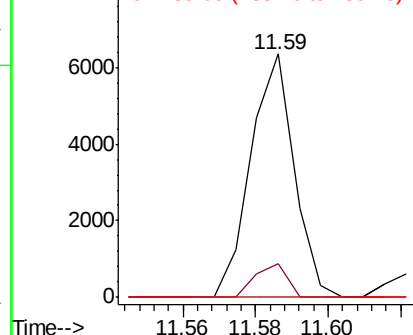
#73
 Carbazole
 Concen: 193.171 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF116324.D
 Acq: 16 Aug 2019 17:24

Instrument :
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 DFTPP

Tgt Ion:167 Resp: 5259
 Ion Ratio Lower Upper
 167 100
 166 14.0 17.8 26.6#
 139 0.0 11.4 17.0#

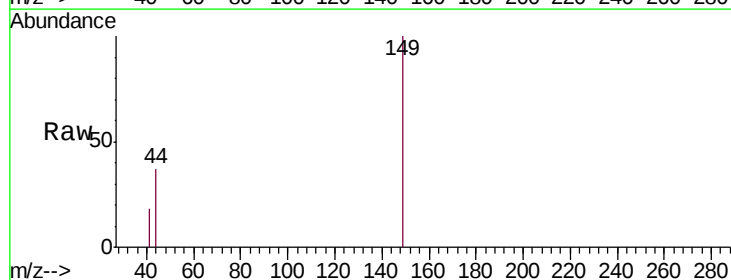


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

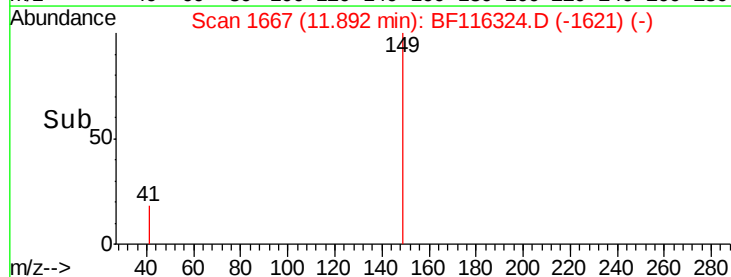
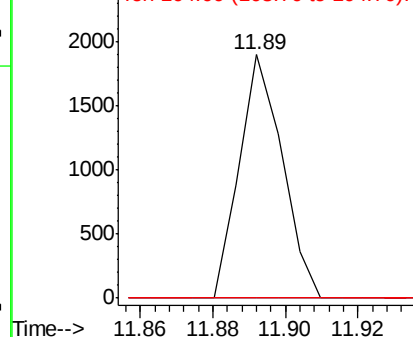


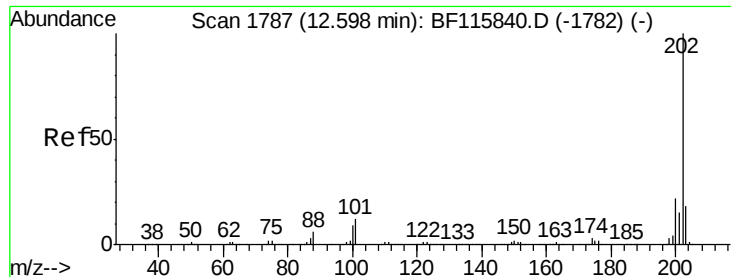
#74
 Di-n-butylphthalate
 Concen: 49.152 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.03 min
 Lab File: BF116324.D
 Acq: 16 Aug 2019 17:24

Tgt Ion:149 Resp: 1561
 Ion Ratio Lower Upper
 149 100
 150 0.0 8.0 12.0#
 104 0.0 4.5 6.7#



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

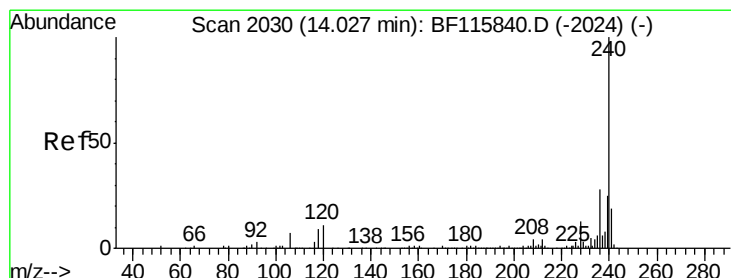
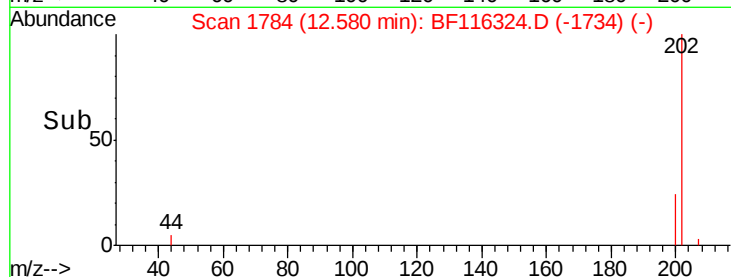
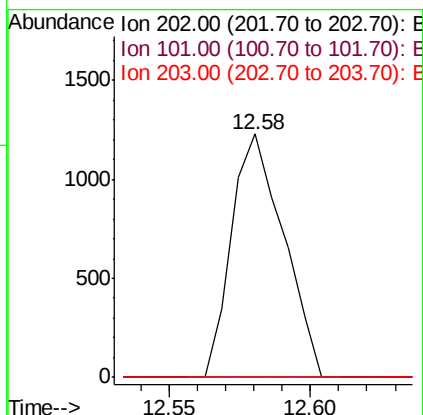
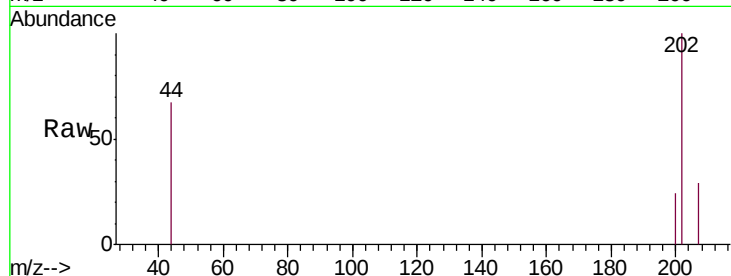




#75
 Fluoranthene
 Concen: 50.642 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF116324.D
 Acq: 16 Aug 2019 17:24

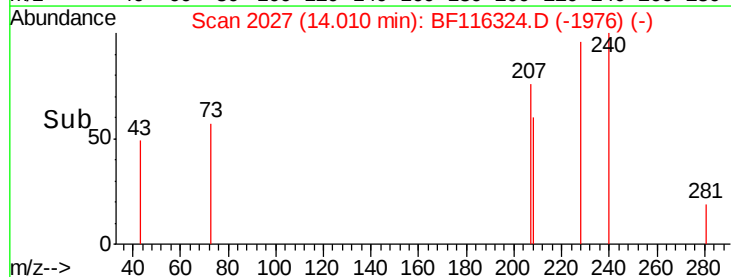
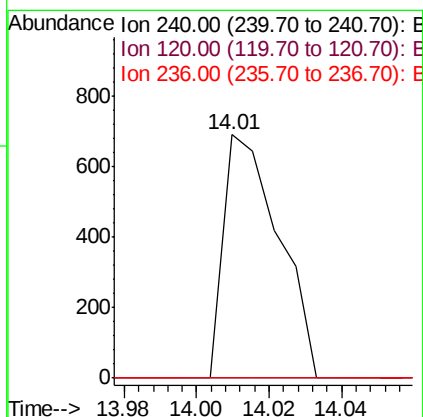
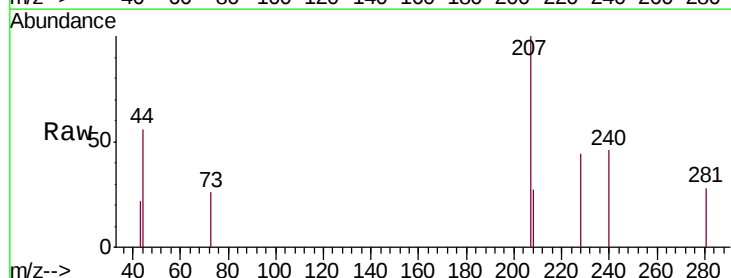
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

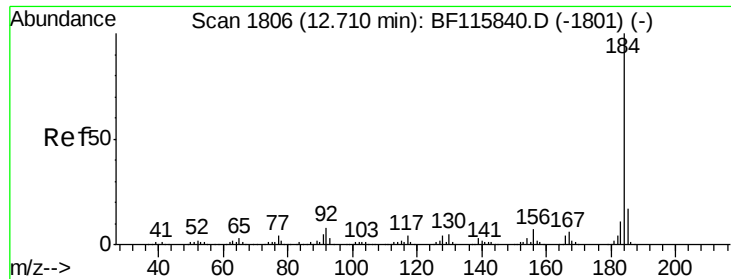
Tgt Ion: 202 Resp: 1572
 Ion Ratio Lower Upper
 202 100
 101 0.0 0.0 31.2
 203 0.0 0.0 37.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF116324.D
 Acq: 16 Aug 2019 17:24

Tgt Ion: 240 Resp: 730
 Ion Ratio Lower Upper
 240 100
 120 0.0 10.7 16.1#
 236 0.0 22.2 33.2#





#77

Benzidine

Concen: 16923.690 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.03 min

Lab File: BF116324.D

Acq: 16 Aug 2019 17:24

Instrument :

BNA_F

ClientSampleId :

DFTPP

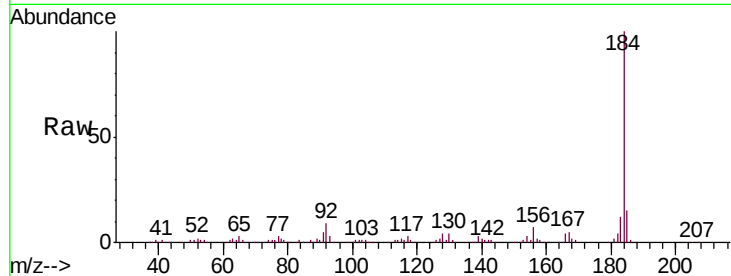
Tgt Ion:184 Resp: 417380

Ion Ratio Lower Upper

184 100

185 14.9 12.8 19.2

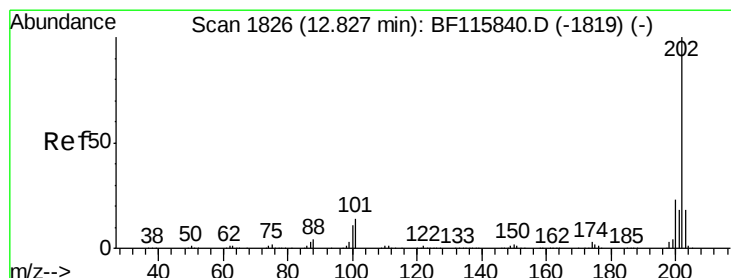
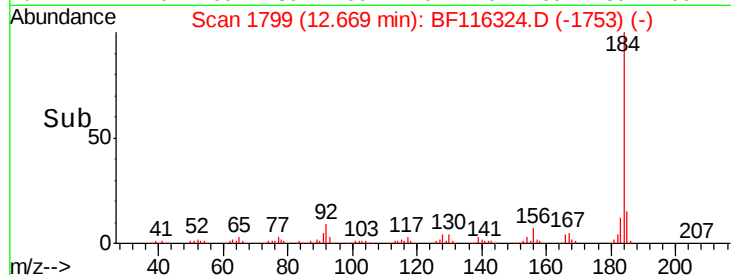
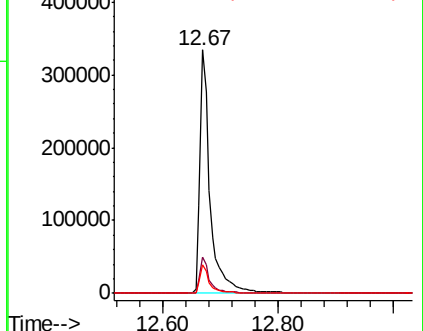
183 11.6 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 30.530 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF116324.D

Acq: 16 Aug 2019 17:24

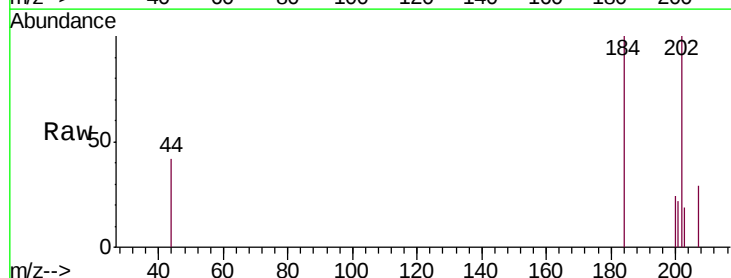
Tgt Ion:202 Resp: 1680

Ion Ratio Lower Upper

202 100

200 24.2 18.0 27.0

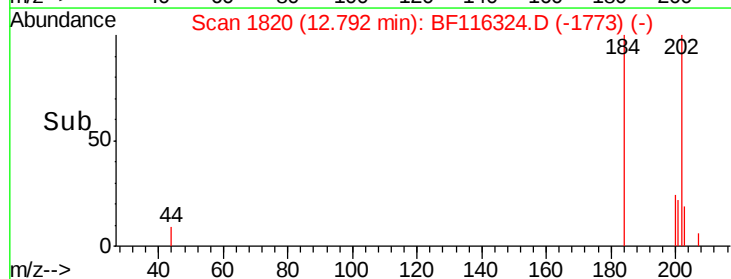
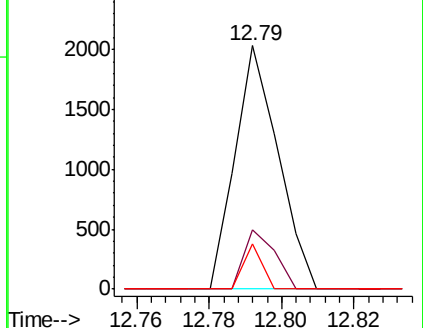
203 18.7 14.1 21.1

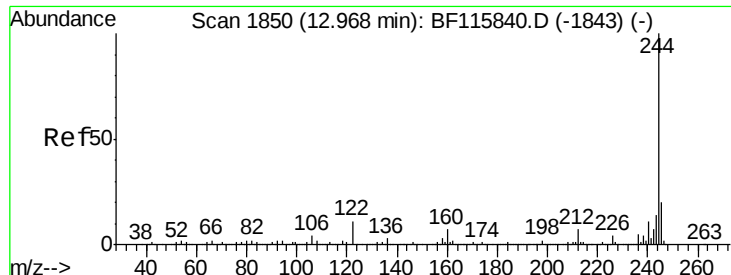


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 151.139 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF116324.D

Acq: 16 Aug 2019 17:24

Instrument :

BNA_F

ClientSampleId :

DFTPP

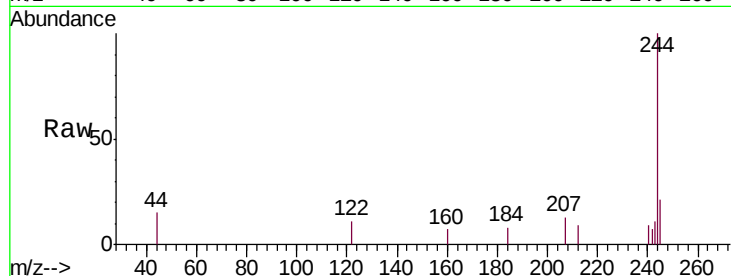
Tgt Ion:244 Resp: 5236

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

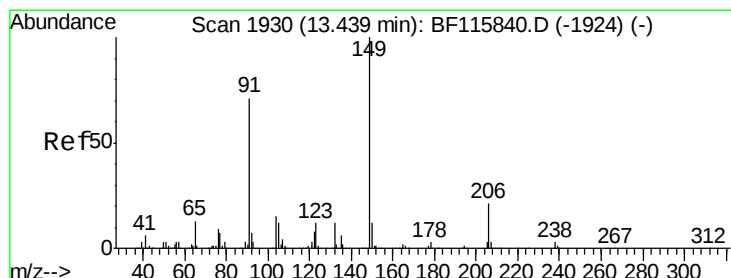
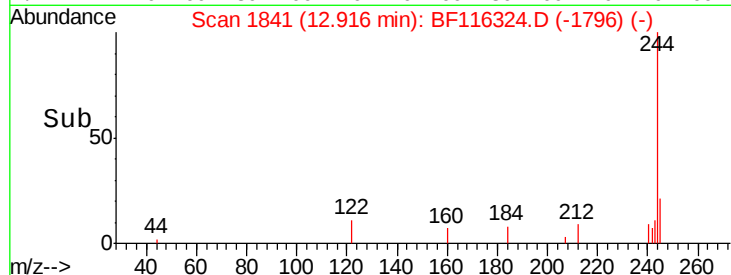
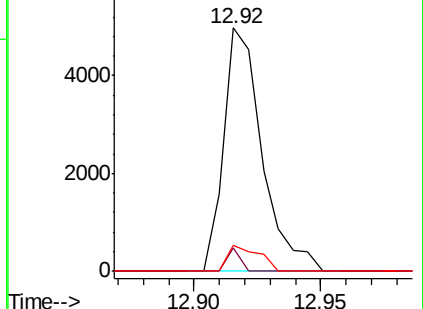
122 10.8 9.0 13.4



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



#80

Butylbenzylphthalate

Concen: 18.043 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.03 min

Lab File: BF116324.D

Acq: 16 Aug 2019 17:24

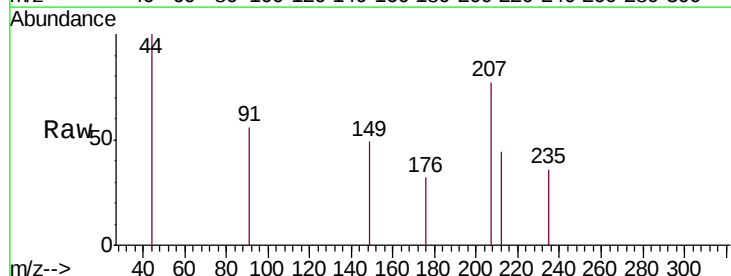
Tgt Ion:149 Resp: 420

Ion Ratio Lower Upper

149 100

91 113.5 56.3 84.5#

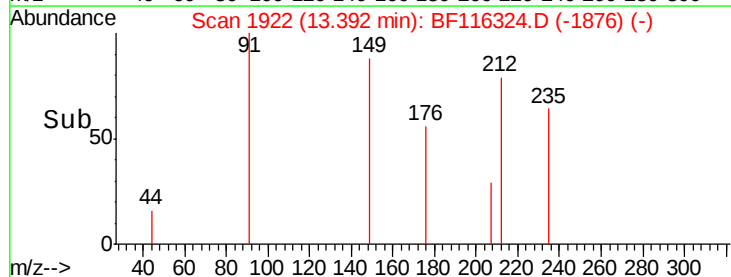
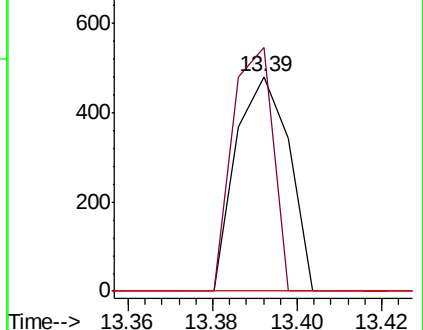
206 0.0 18.0 27.0#

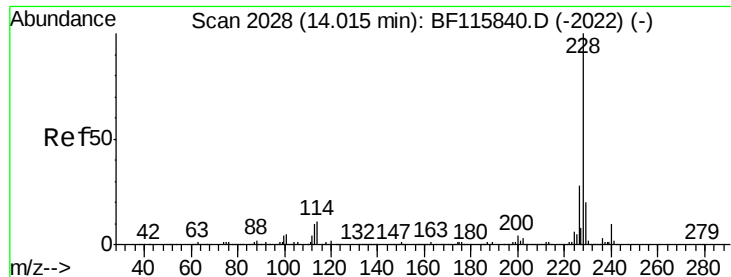


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 25.547 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF116324.D

Acq: 16 Aug 2019 17:24

Instrument :

BNA_F

ClientSampleId :

DFTPP

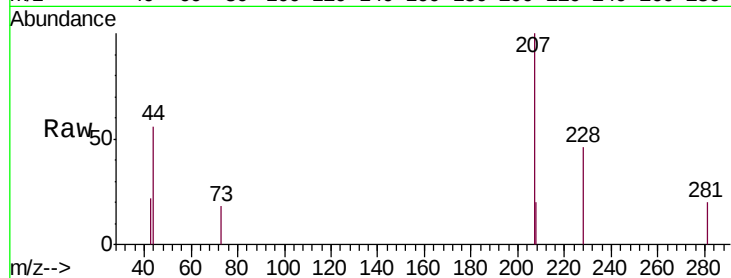
Tgt Ion: 228 Resp: 1192

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

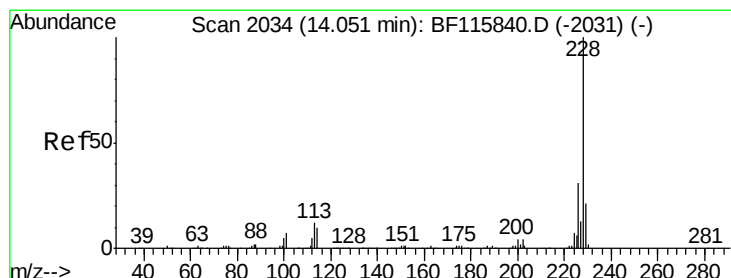
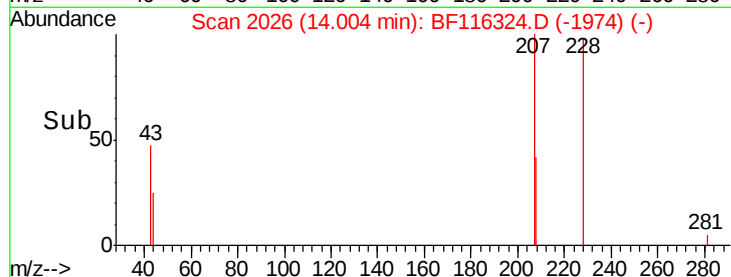
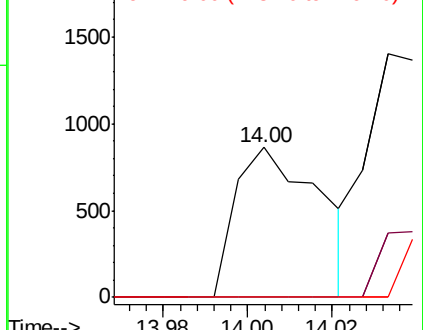
229 0.0 16.2 24.4#



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



#83

Chrysene

Concen: 52.739 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF116324.D

Acq: 16 Aug 2019 17:24

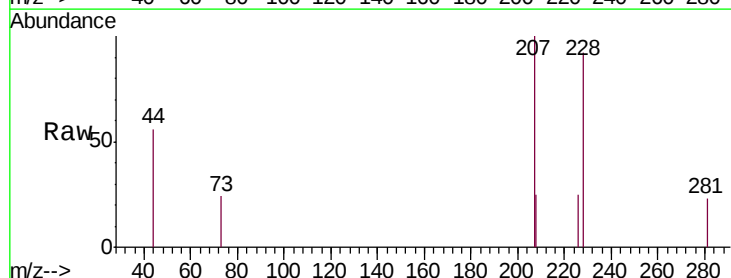
Tgt Ion: 228 Resp: 2389

Ion Ratio Lower Upper

228 100

226 26.7 25.5 38.3

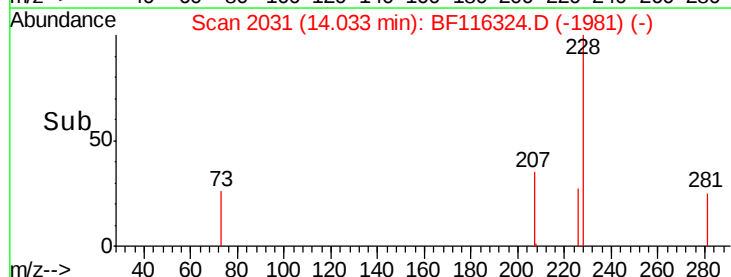
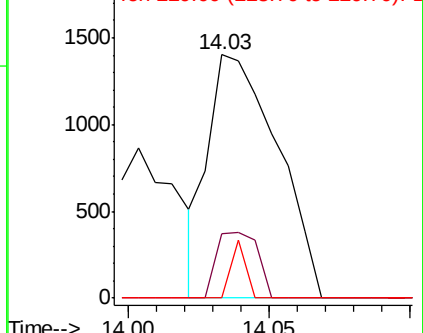
229 0.0 16.6 24.8#

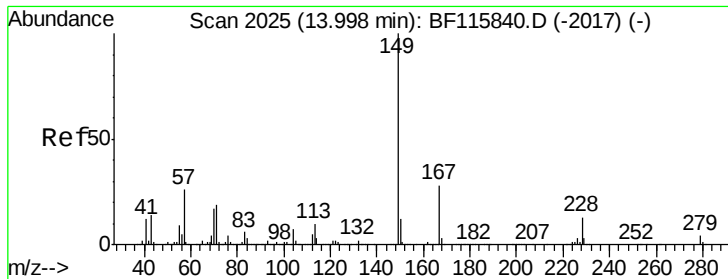


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 41.159 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.04 min

Lab File: BF116324.D

Acq: 16 Aug 2019 17:24

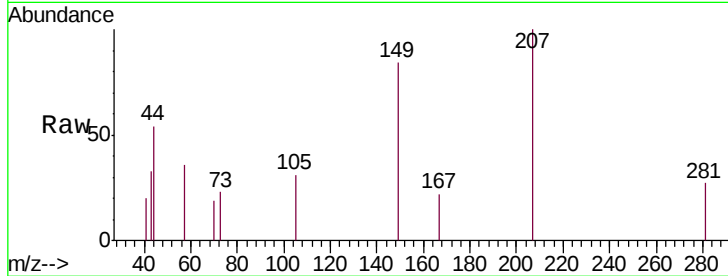
Instrument :

BNA_F

ClientSampleId :

DFTPP

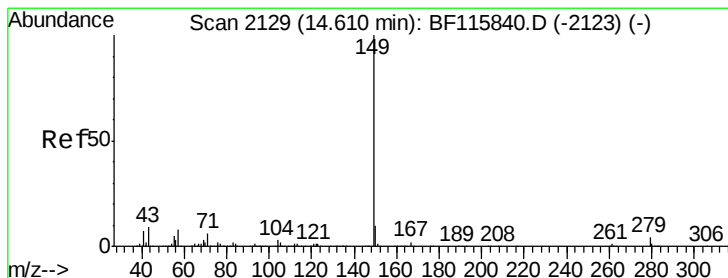
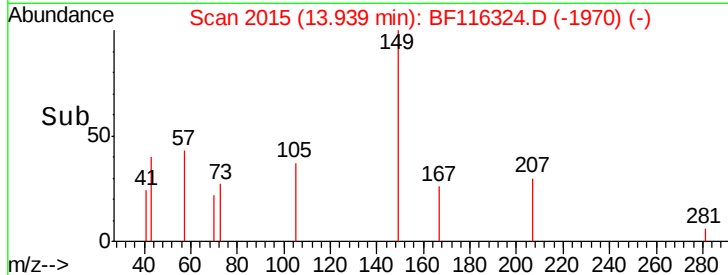
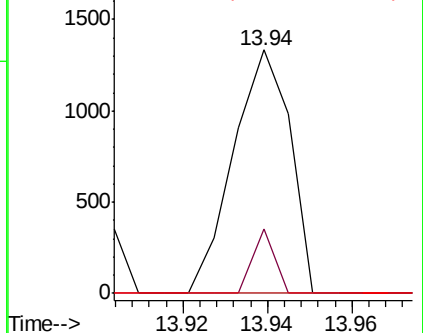
Tgt Ion:	149	Resp:	1245
Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.6	32.4
279	0.0	3.0	4.4#



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



#85

Di-n-octyl phthalate

Concen: 22.146 ng

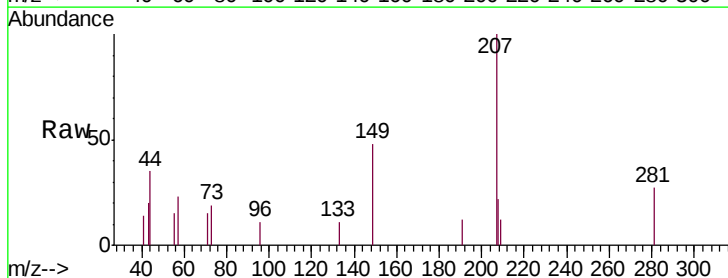
RT: 14.55 min Scan# 2119

Delta R.T. -0.04 min

Lab File: BF116324.D

Acq: 16 Aug 2019 17:24

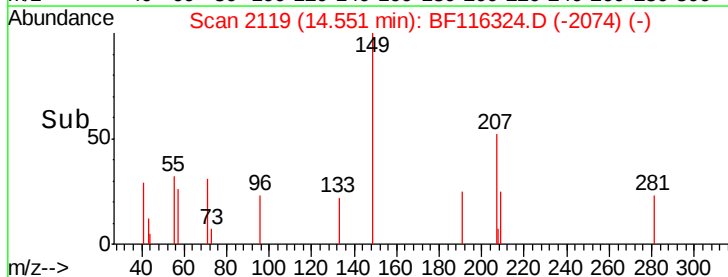
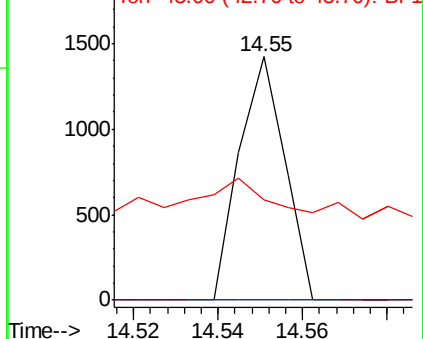
Tgt Ion:	149	Resp:	1064
Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	0.0	7.5	11.3#

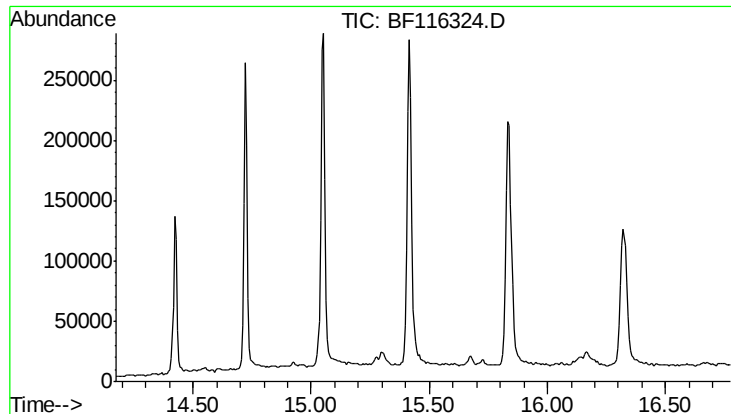


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#87
Perylene-d12
Concen: 0.000 ng
Expected RT: 15.47 min

Lab File: BF116324.D
Acq: 16 Aug 2019 17:24

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 264
Sig Exp Ratio
264 100
260 24.6
265 21.7

