

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
 Data File : BF117294.D
 Acq On : 2 Oct 2019 12:50
 Operator : JU
 Sample : K4659-04RE 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-093019-B

Quant Time: Oct 03 01:49:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

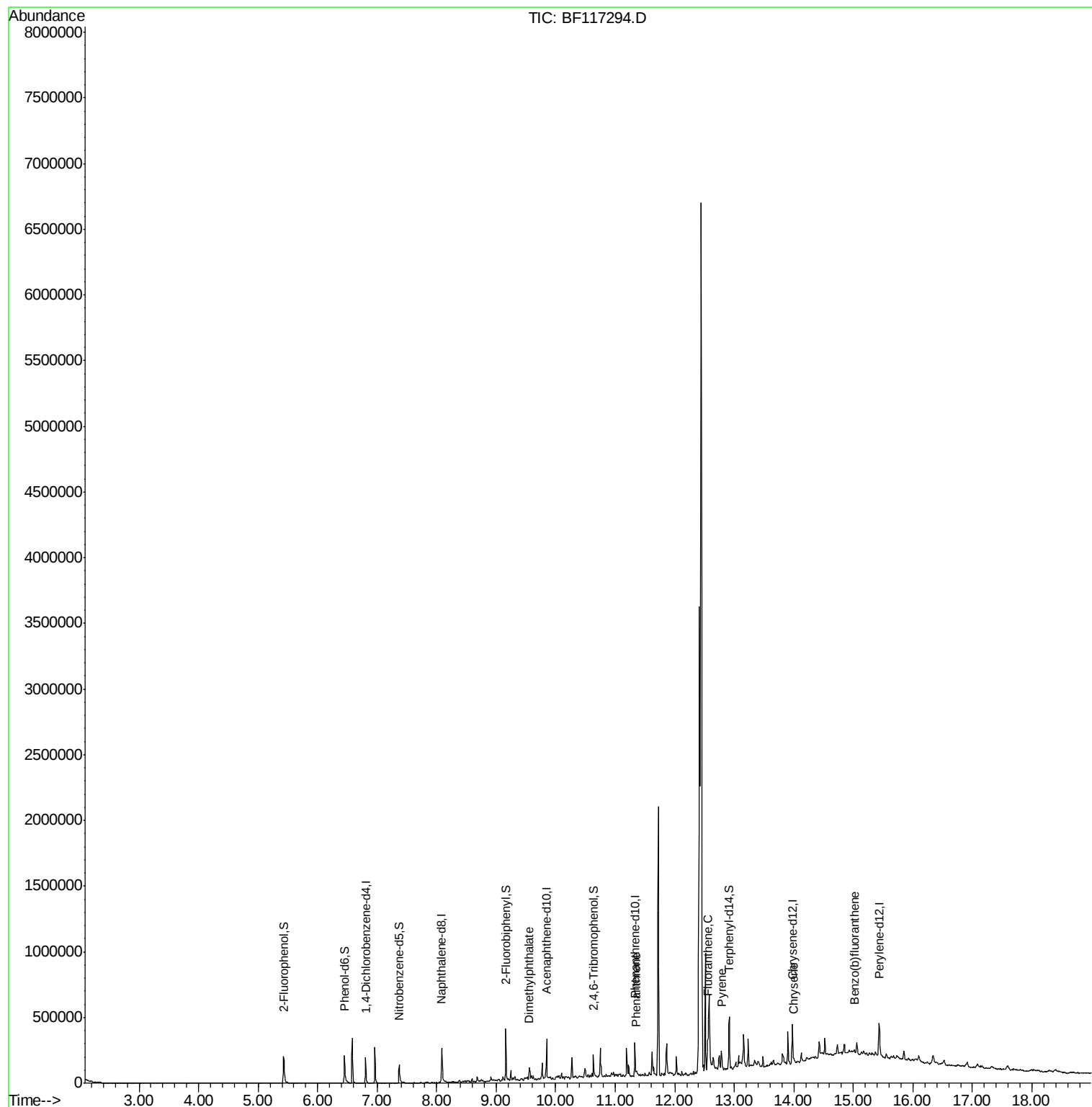
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	34020	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	134515	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	64101	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	96070	20.00	ng	0.00
76) Chrysene-d12	13.97	240	92661	20.00	ng	0.00
87) Perylene-d12	15.43	264	80008	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	80064	36.74	ng	-0.01
7) Phenol-d6	6.45	99	112208	39.85	ng	0.00
23) Nitrobenzene-d5	7.37	82	65637	25.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	18298	34.15	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	121720	29.69	ng	-0.01
79) Terphenyl-d14	12.92	244	119283	24.06	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	25993	5.727	ng	Qvalue 97
71) Phenanthrene	11.36	178	13045	2.391	ng	98
75) Fluoranthene	12.55	202	22474	4.008	ng	92
78) Pyrene	12.78	202	24148	3.106	ng	97
83) Chrysene	14.00	228	12352	2.046	ng	# 89
88) Benzo(b)fluoranthene	15.02	252	12578m	2.595	ng	

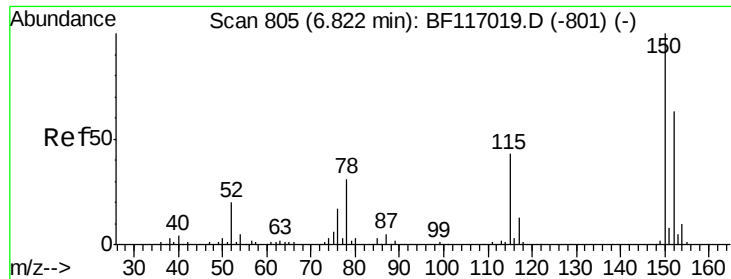
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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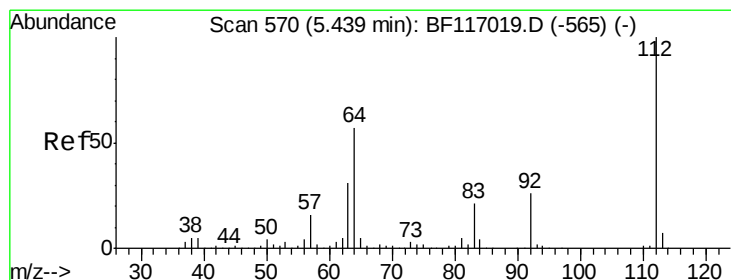
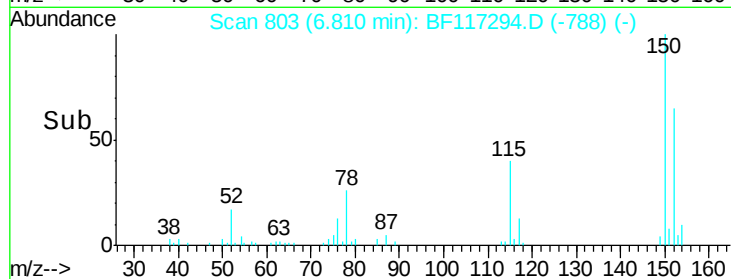
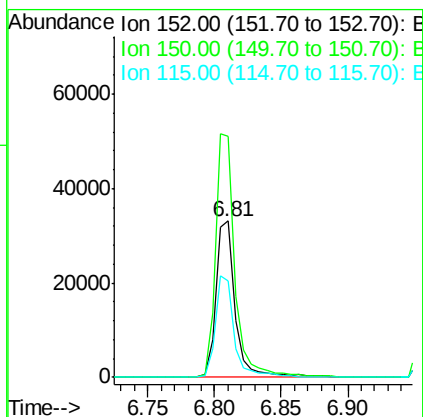
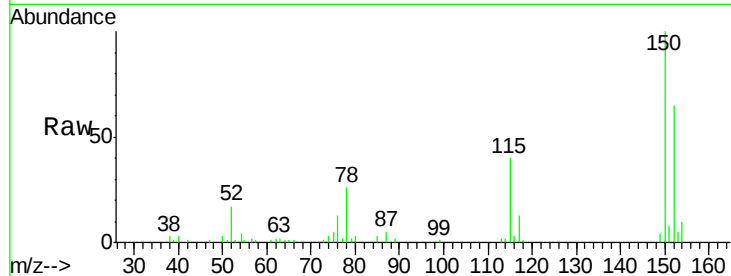


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117294.D
Acq: 2 Oct 2019 12:50

Instrument :
BNA_F
ClientSampleId :
JC-02-093019-B

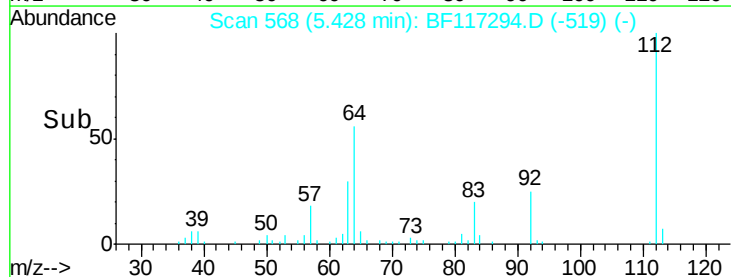
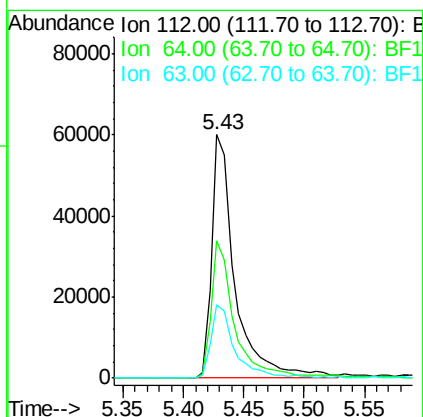
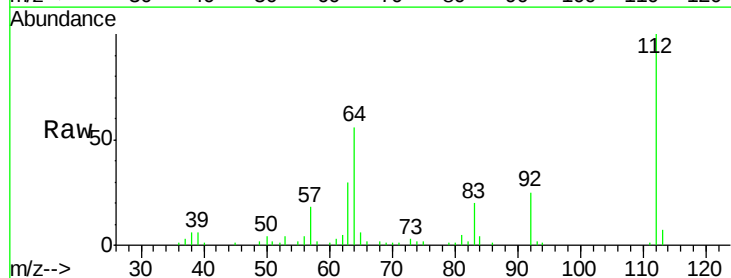
Tot Ion:152 Resp: 34020
Ion Ratio Lower Upper
152 100
150 153.7 127.5 191.3
115 62.0 55.0 82.4

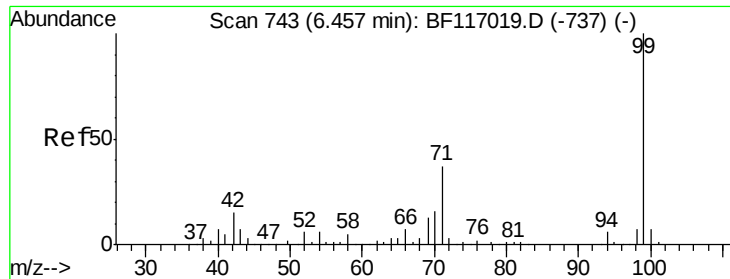


#5

2-Fluorophenol
Concen: 36.743 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF117294.D
Acq: 2 Oct 2019 12:50

Tgt Ion:112 Resp: 80064
Ion Ratio Lower Upper
112 100
64 56.4 45.7 68.5
63 30.3 24.9 37.3





#7

Phenol-d6

Concen: 39.845 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117294.D

Acq: 2 Oct 2019 12:50

Instrument :

BNA_F

ClientSampleId :

JC-02-093019-B

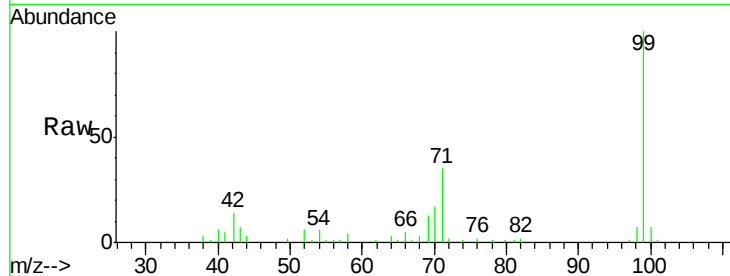
Tot Ion: 99 Resp: 112208

Ion Ratio Lower Upper

99 100

42 14.0 12.2 18.2

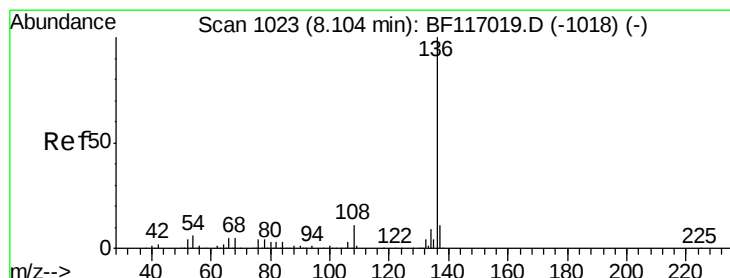
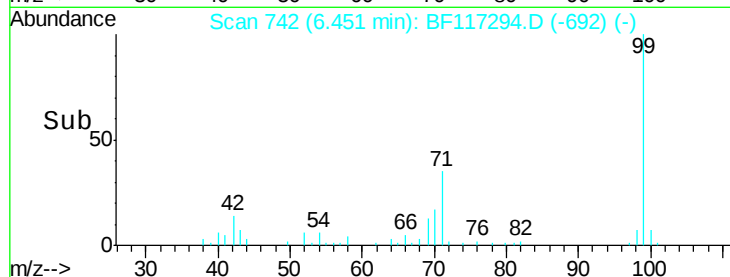
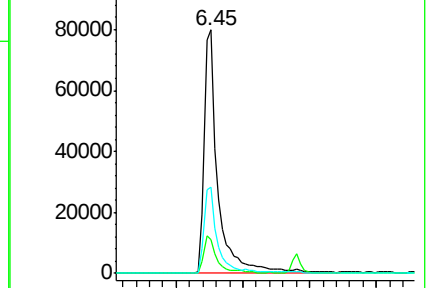
71 35.4 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF117294.D

Acq: 2 Oct 2019 12:50

Tgt Ion: 136 Resp: 134515

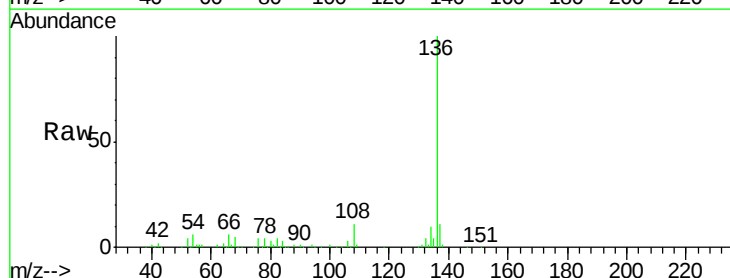
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 6.5 4.5 6.7

68 5.4 4.0 6.0

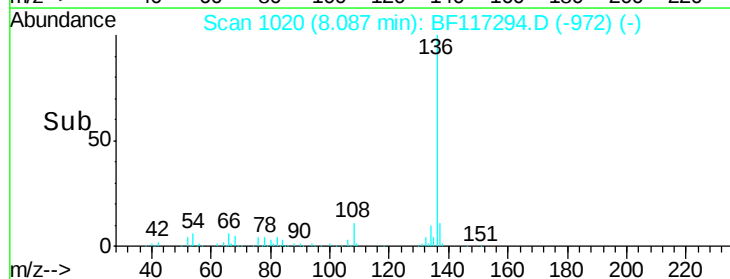
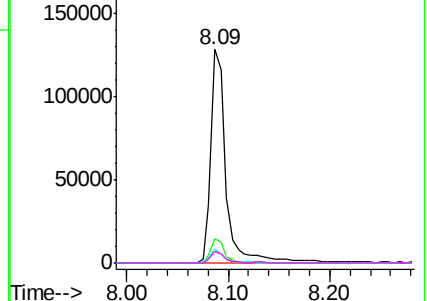


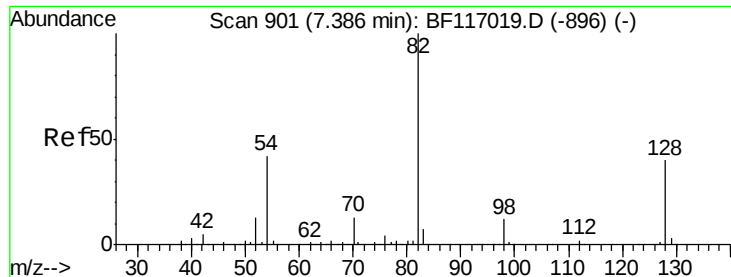
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

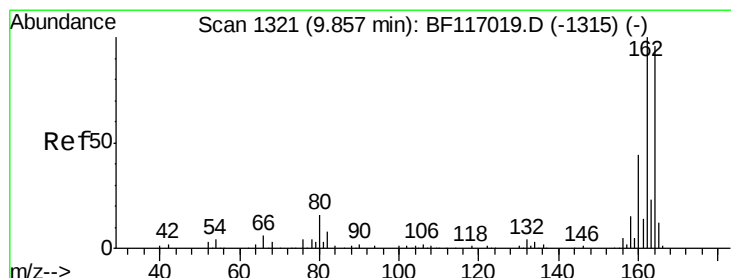
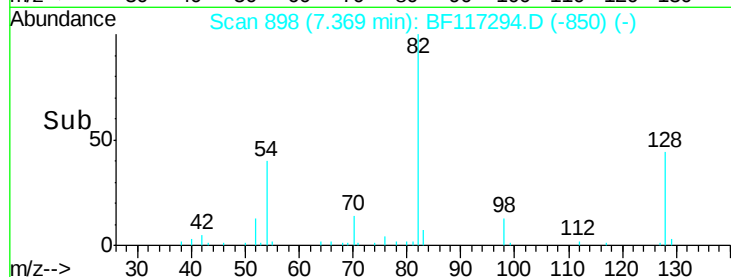
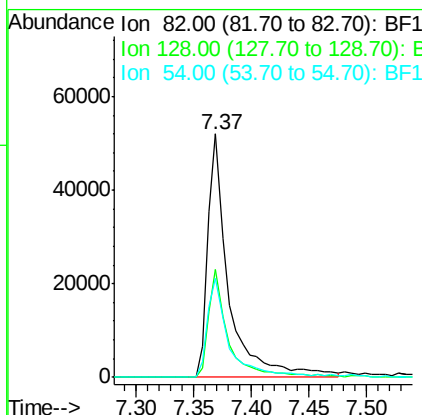
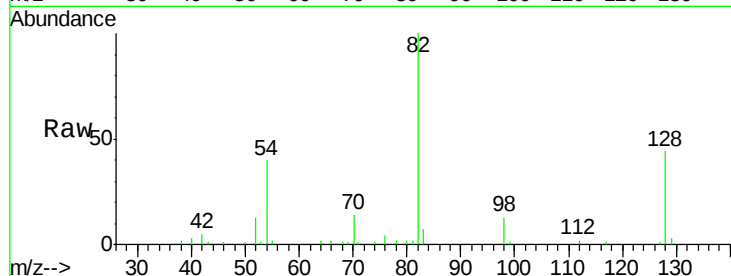




#23
 Nitrobenzene-d5
 Concen: 25.638 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF117294.D
 Acq: 2 Oct 2019 12:50

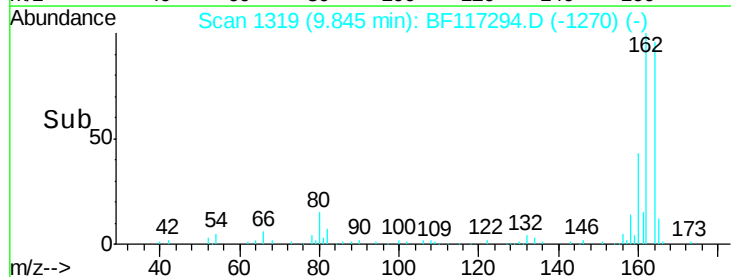
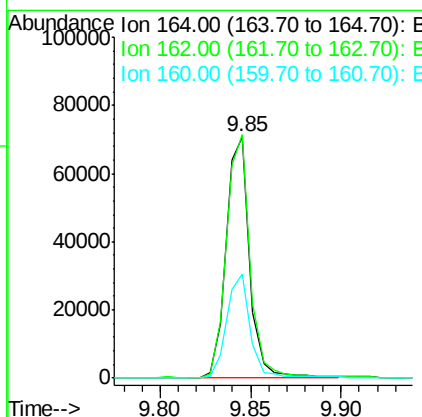
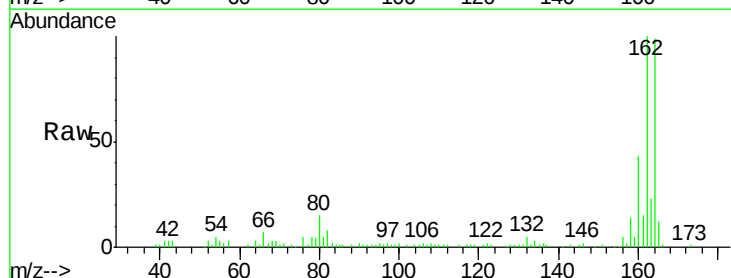
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-093019-B

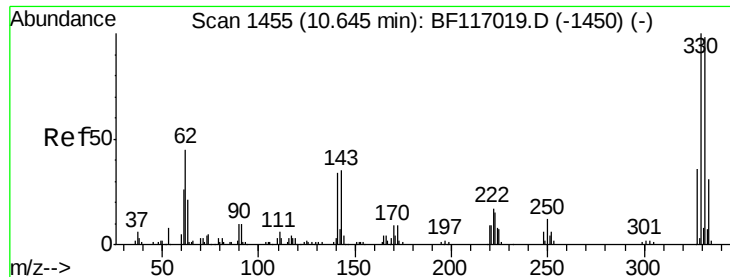
Tot Ion: 82 Resp: 65637
 Ion Ratio Lower Upper
 82 100
 128 44.4 32.3 48.5
 54 40.4 33.3 49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF117294.D
 Acq: 2 Oct 2019 12:50

Tgt Ion: 164 Resp: 64101
 Ion Ratio Lower Upper
 164 100
 162 100.9 83.4 125.2
 160 43.2 36.4 54.6

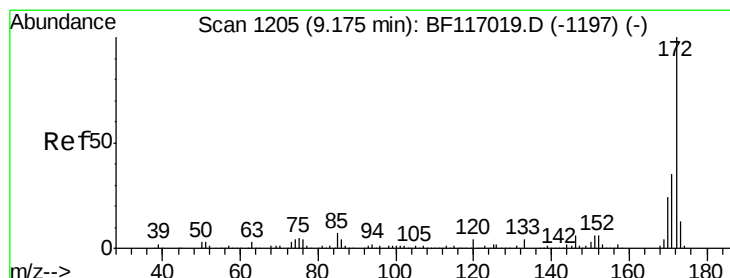
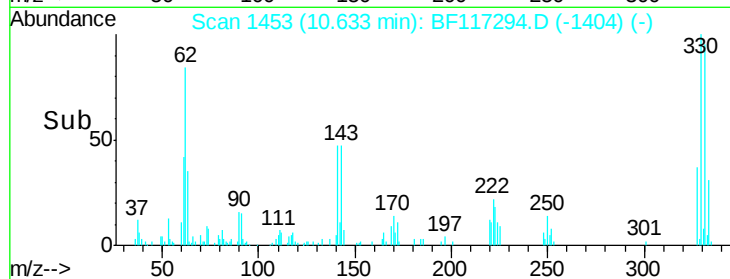
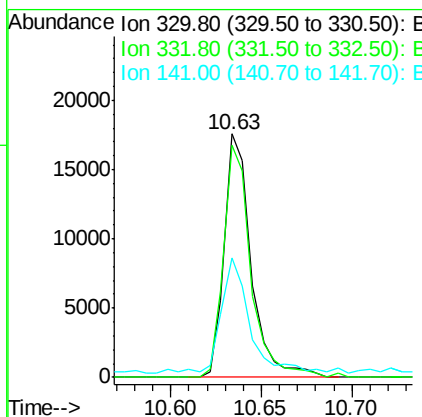
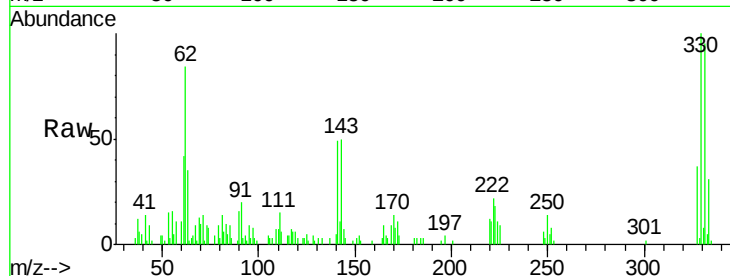




#42
 2,4,6-Tribromophenol
 Concen: 34.155 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF117294.D
 Acq: 2 Oct 2019 12:50

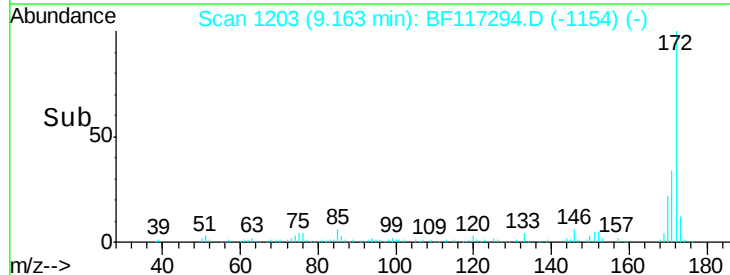
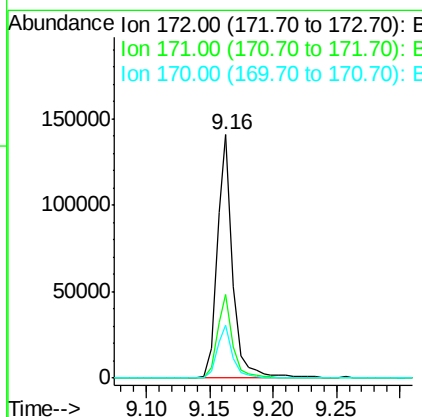
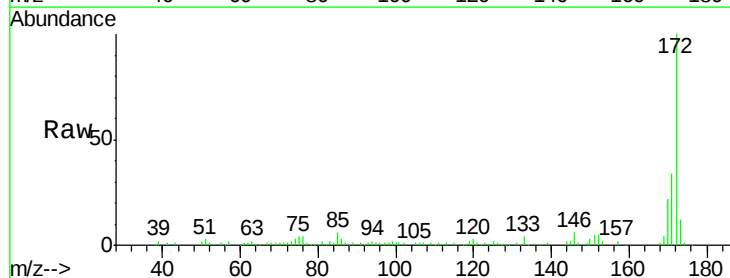
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-093019-B

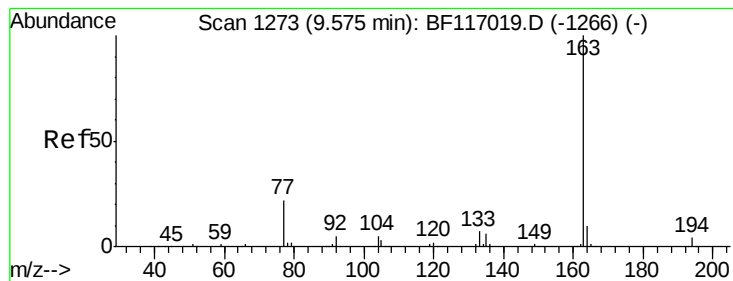
Tot Ion:330 Resp: 18298
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.0 117.0
 141 46.4 35.8 53.6



#45
 2-Fluorobiphenyl
 Concen: 29.690 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF117294.D
 Acq: 2 Oct 2019 12:50

Tgt Ion:172 Resp: 121720
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.2 42.2
 170 21.8 18.9 28.3





#50

Dimethylphthalate

Concen: 5.727 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF117294.D

Acq: 2 Oct 2019 12:50

Instrument :

BNA_F

ClientSampleId :

JC-02-093019-B

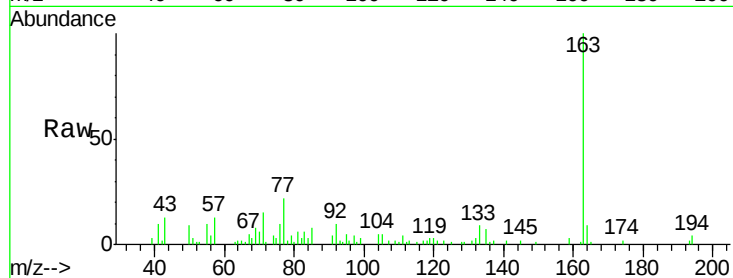
Tot Ion:163 Resp: 25993

Ion Ratio Lower Upper

163 100

194 3.9 2.9 4.3

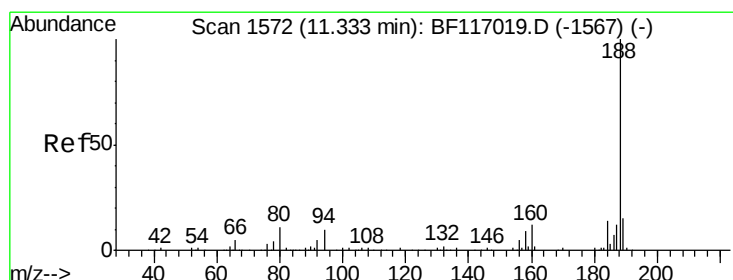
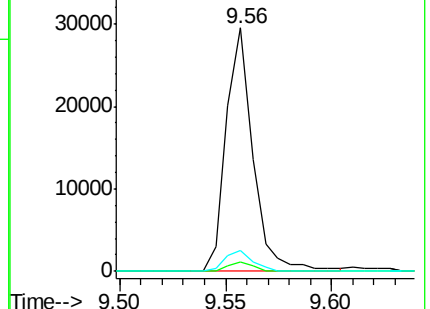
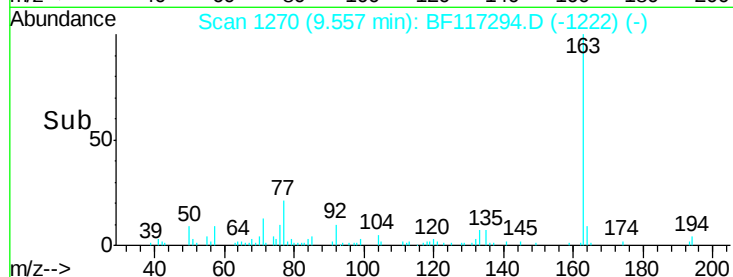
164 8.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117294.D

Acq: 2 Oct 2019 12:50

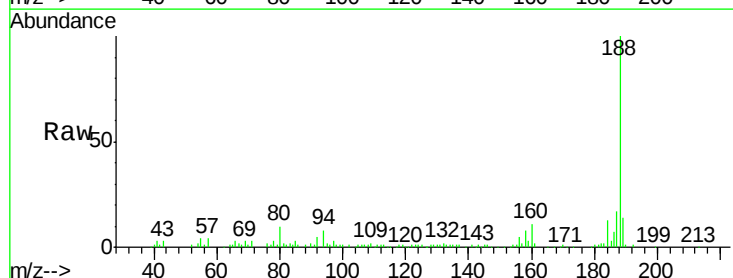
Tgt Ion:188 Resp: 96070

Ion Ratio Lower Upper

188 100

94 7.8 8.2 12.2#

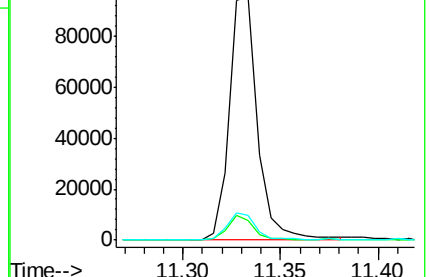
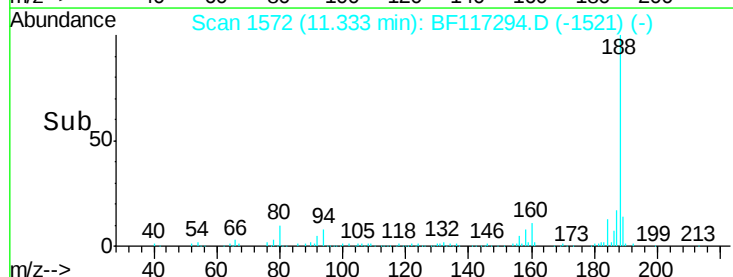
80 10.0 9.0 13.6

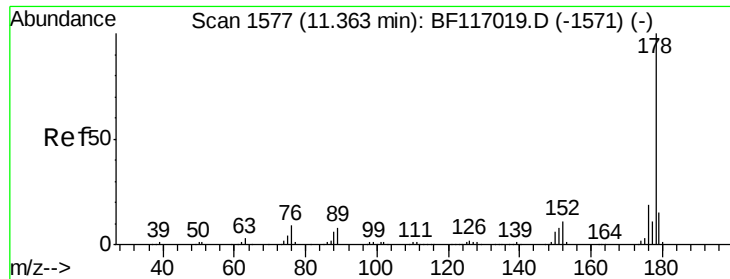


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 2.391 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF117294.D

Acq: 2 Oct 2019 12:50

Instrument :

BNA_F

ClientSampleId :

JC-02-093019-B

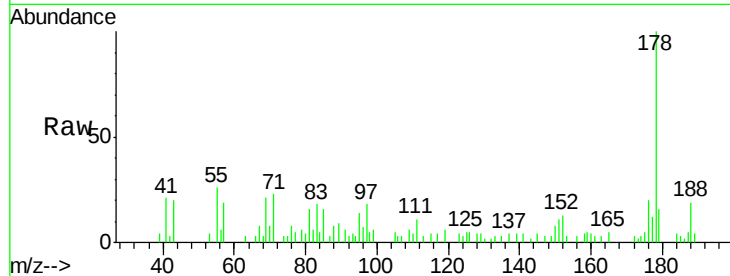
Tot Ion:178 Resp: 13045

Ion Ratio Lower Upper

178 100

176 20.3 15.4 23.2

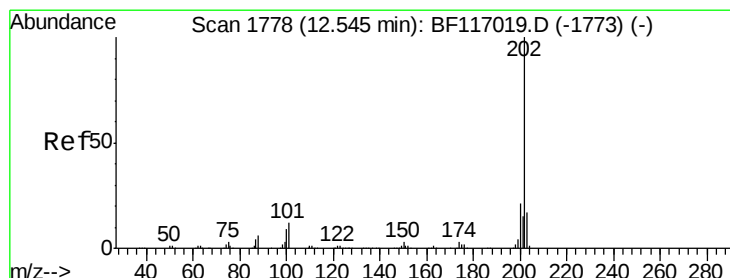
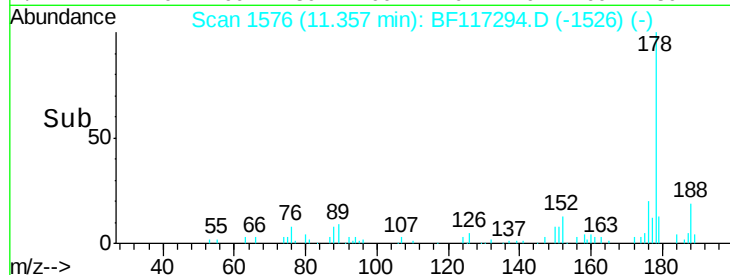
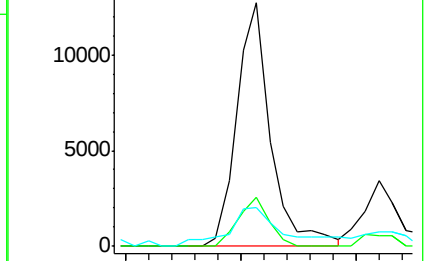
179 15.9 12.4 18.6



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



#75

Fluoranthene

Concen: 4.008 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF117294.D

Acq: 2 Oct 2019 12:50

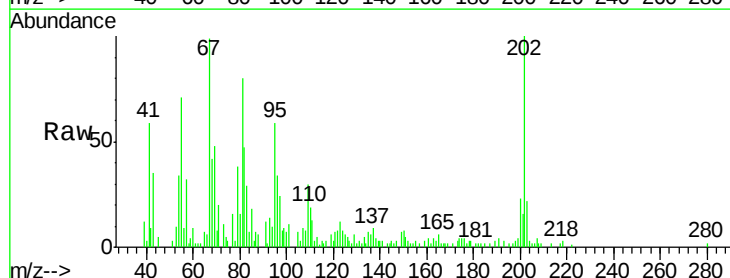
Tgt Ion:202 Resp: 22474

Ion Ratio Lower Upper

202 100

101 10.8 0.0 32.3

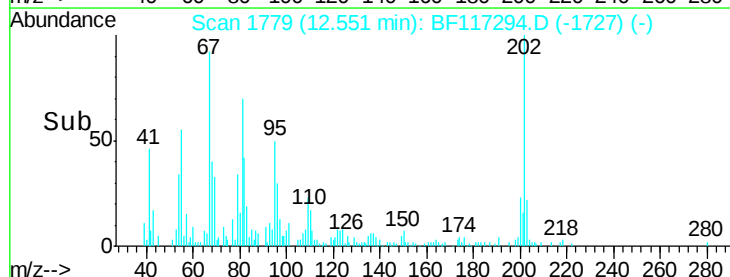
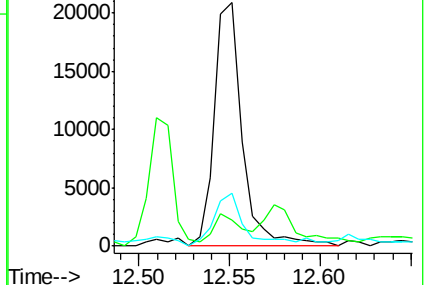
203 21.6 0.0 37.1

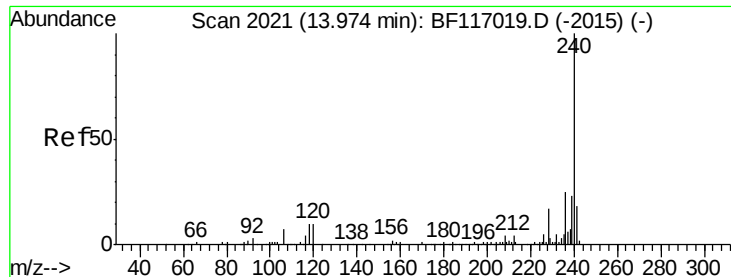


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF117294.D

Acq: 2 Oct 2019 12:50

Instrument :

BNA_F

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JC-02-093019-B

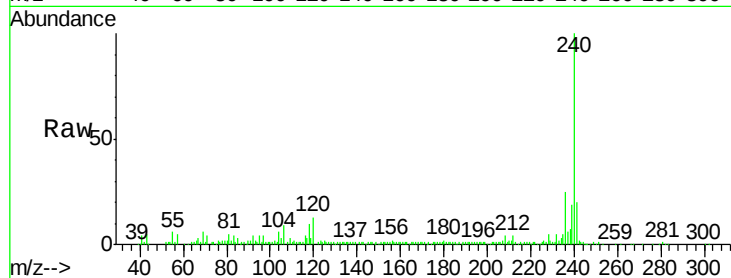
Tot Ion:240 Resp: 92661

Ion Ratio Lower Upper

240 100

120 13.0 8.3 12.5#

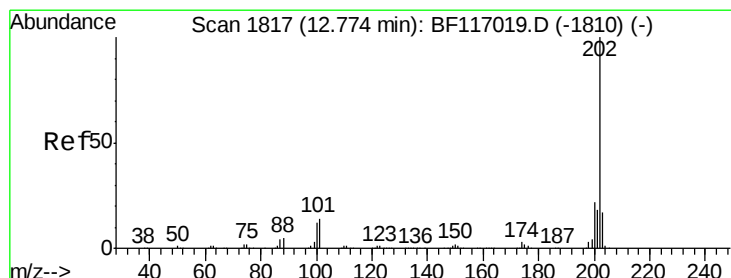
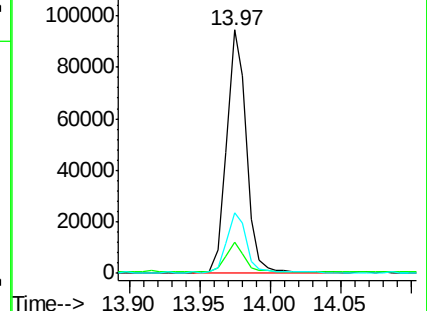
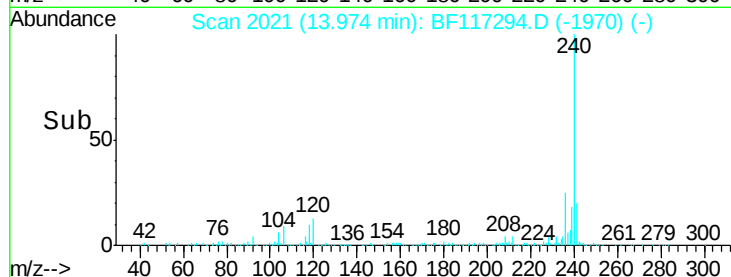
236 25.1 20.3 30.5



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



#78

Pyrene

Concen: 3.106 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF117294.D

Acq: 2 Oct 2019 12:50

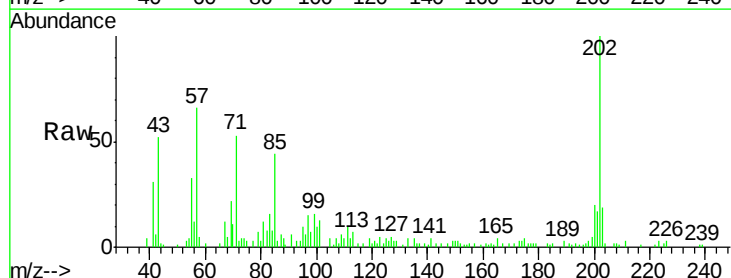
Tgt Ion:202 Resp: 24148

Ion Ratio Lower Upper

202 100

200 20.0 17.2 25.8

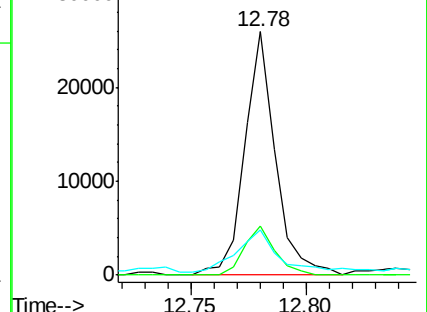
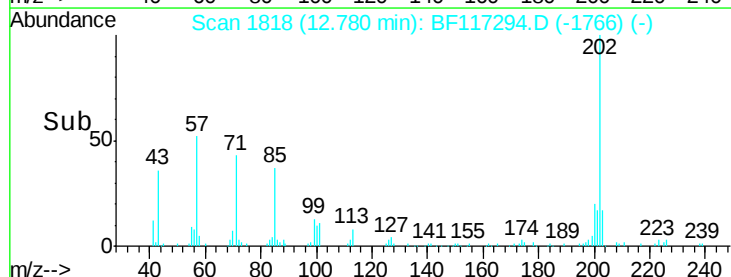
203 18.6 14.0 21.0

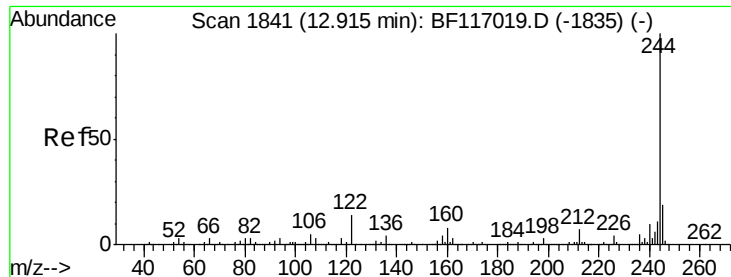


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

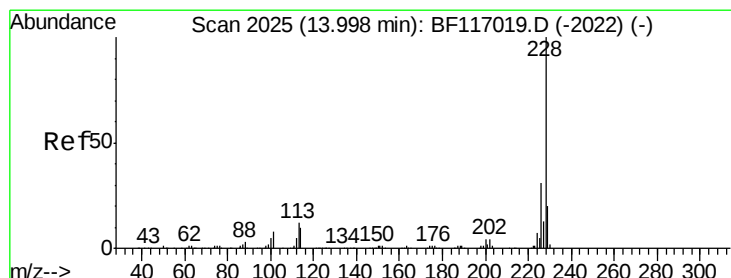
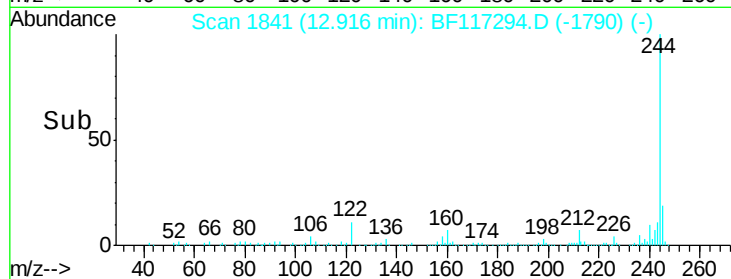
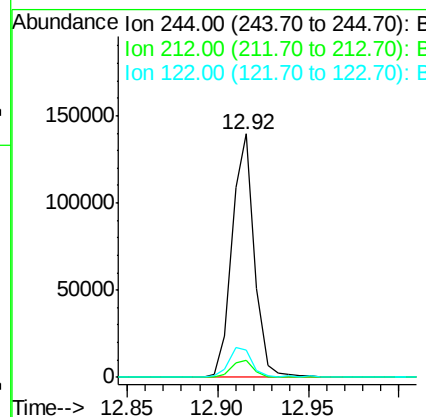
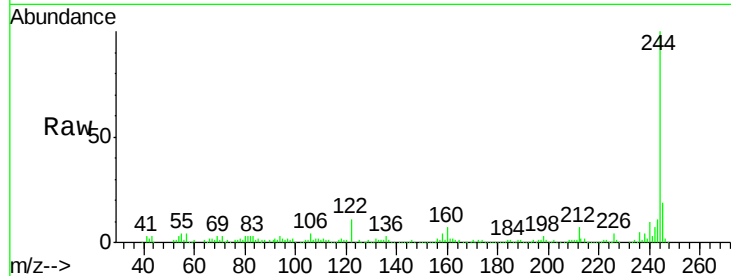




#79
 Terphenyl-d14
 Concen: 24.063 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117294.D
 Acq: 2 Oct 2019 12:50

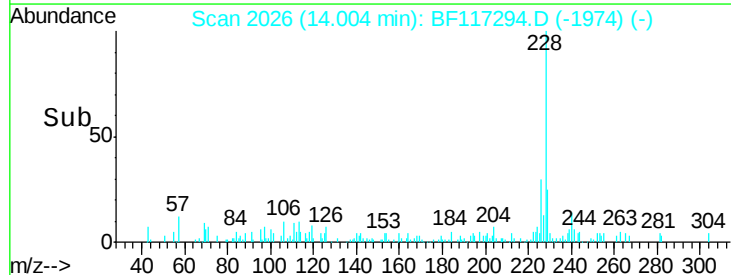
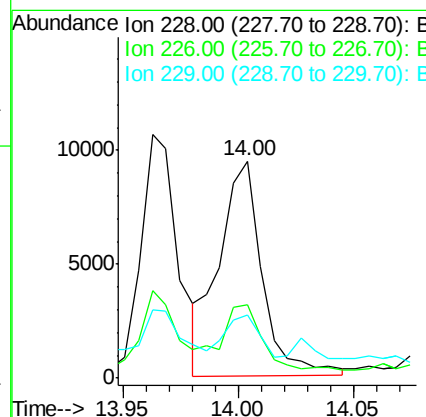
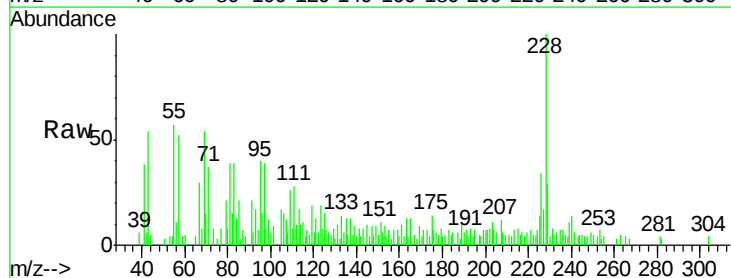
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-093019-B

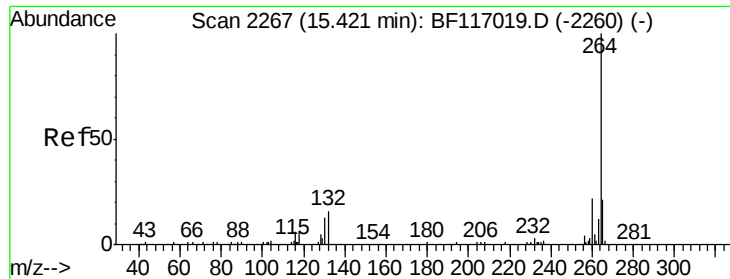
Tot Ion:244 Resp: 119283
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.3 11.3 16.9#



#83
 Chrysene
 Concen: 2.046 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF117294.D
 Acq: 2 Oct 2019 12:50

Tgt Ion:228 Resp: 12352
 Ion Ratio Lower Upper
 228 100
 226 33.7 24.8 37.2
 229 29.3 15.8 23.8#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF117294.D

Acq: 2 Oct 2019 12:50

Instrument :

BNA_F

ClientSampleId :

JC-02-093019-B

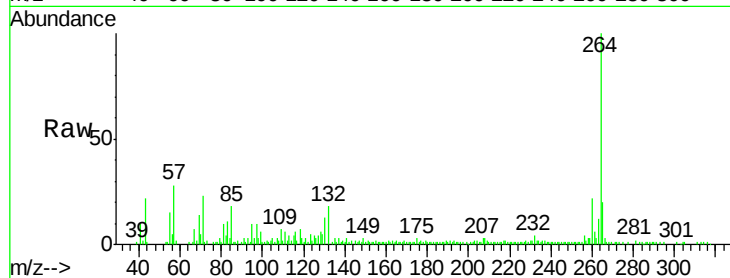
Tot Ion:264 Resp: 80008

Ion Ratio Lower Upper

264 100

260 21.7 17.6 26.4

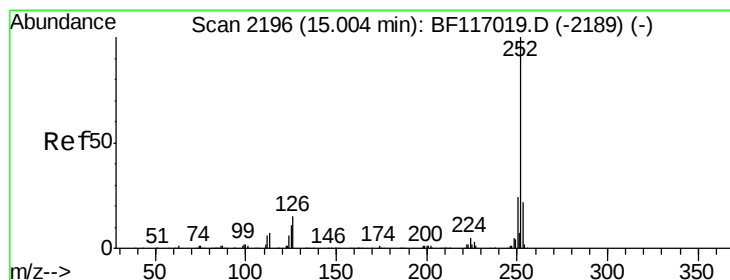
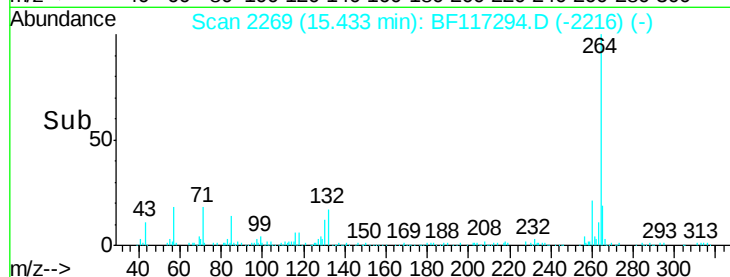
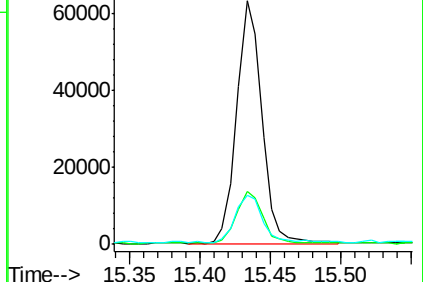
265 20.0 16.6 24.8



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: 2.595 ng m

RT: 15.02 min Scan# 2198

Delta R.T. 0.01 min

Lab File: BF117294.D

Acq: 2 Oct 2019 12:50

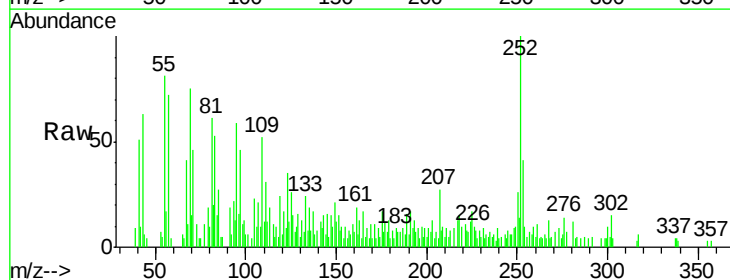
Tgt Ion:252 Resp: 12578

Ion Ratio Lower Upper

252 100

253 40.7 17.6 26.4#

125 26.0 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

