

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
 Data File : BF116413.D
 Acq On : 20 Aug 2019 2:53
 Operator : HP/JU
 Sample : K3616-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-081519-A

Quant Time: Aug 20 03:45:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

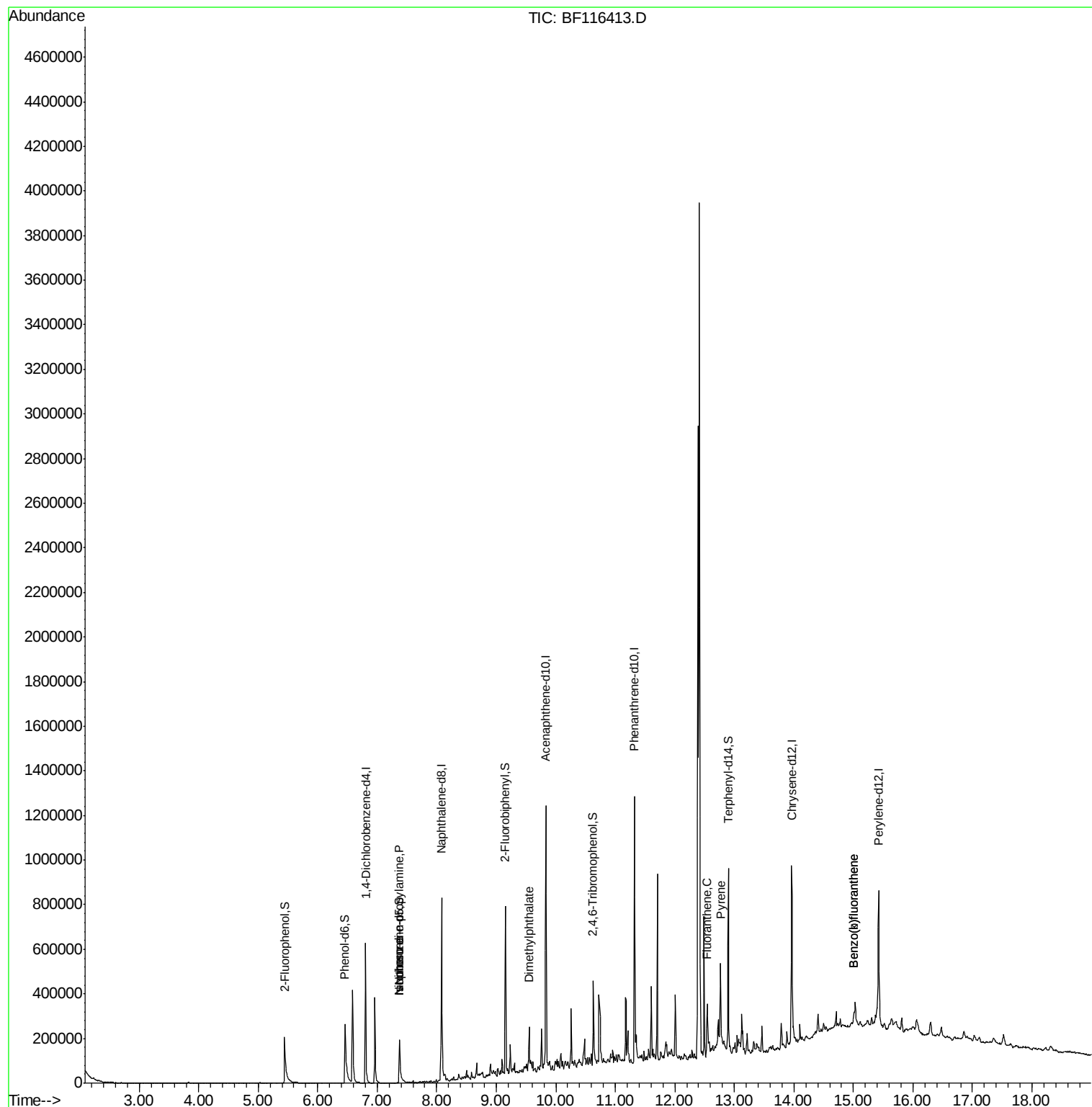
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	99460	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	409590	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	226159	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	401654	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	253148	20.00	ng	-0.02
87) Perylene-d12	15.42	264	297399	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	124228	20.91	ng	0.00
7) Phenol-d6	6.46	99	188639	25.17	ng	0.00
23) Nitrobenzene-d5	7.37	82	110901	15.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	48739	22.23	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	240169	19.89	ng	-0.02
79) Terphenyl-d14	12.90	244	252842	21.05	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	14830	3.193	ng	Qvalue # 78
25) Isophorone	7.37	82	110901	8.174	ng	# 65
50) Dimethylphthalate	9.55	163	43388	2.818	ng	99
75) Fluoranthene	12.54	202	65339	3.040	ng	99
78) Pyrene	12.77	202	57261	3.001	ng	97
88) Benzo(b)fluoranthene	15.01	252	42981	2.499	ng	# 85
89) Benzo(k)fluoranthene	15.01	252	42981	2.566	ng	# 85

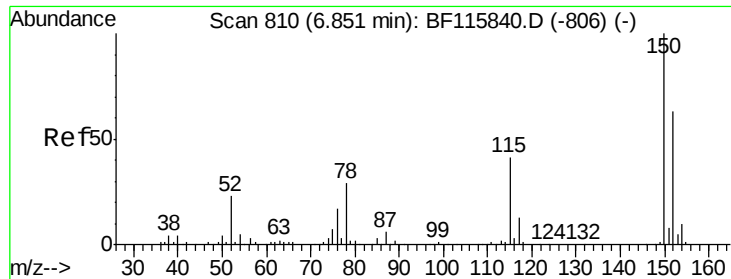
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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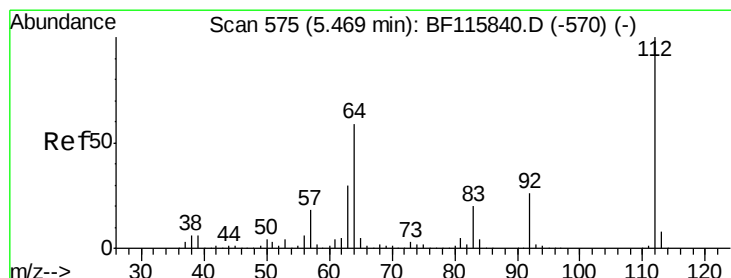
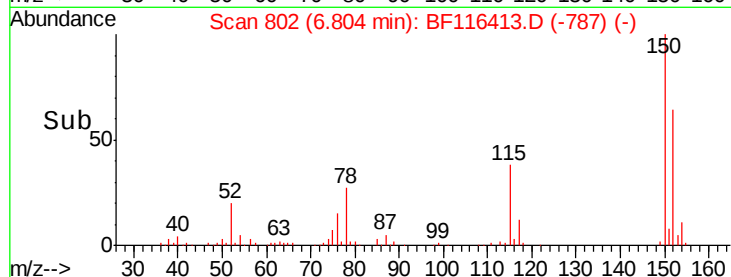
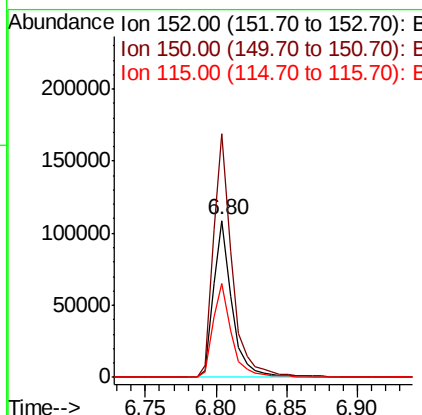
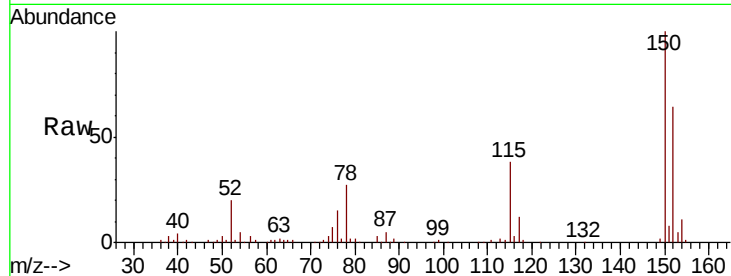


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116413.D
 Acq: 20 Aug 2019 2:53

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-081519-A

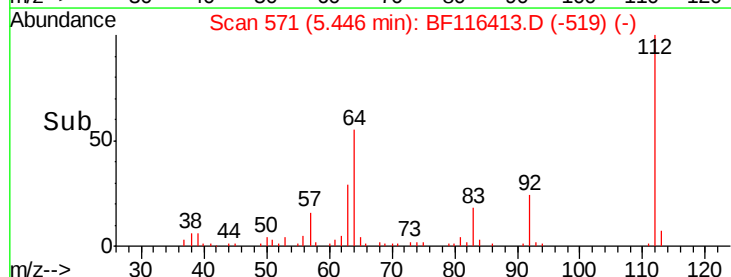
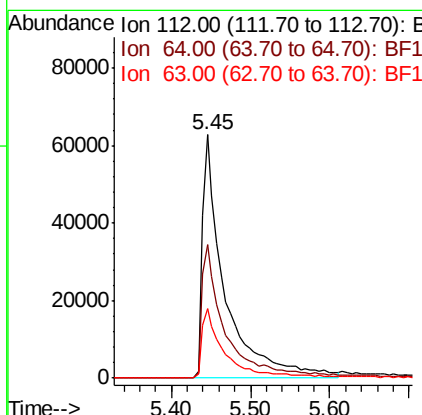
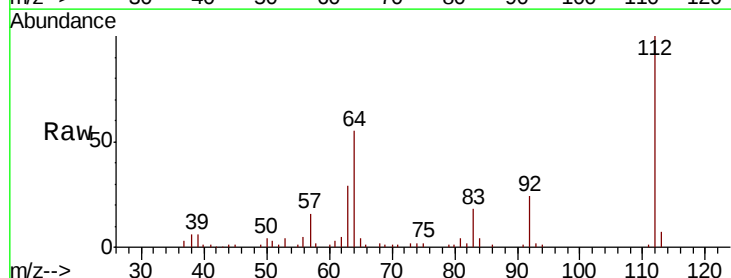
Tgt Ion:152 Resp: 99460
 Ion Ratio Lower Upper
 152 100
 150 155.2 126.2 189.2
 115 59.7 49.9 74.9

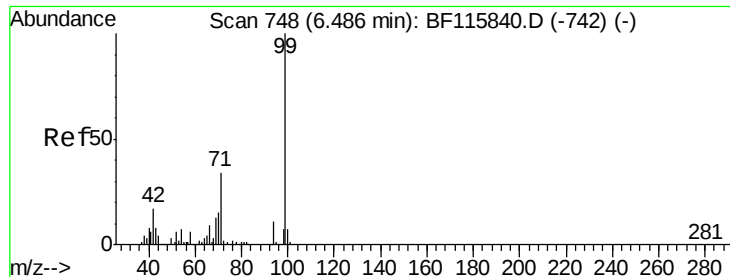


#5

2-Fluorophenol
 Concen: 20.909 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF116413.D
 Acq: 20 Aug 2019 2:53

Tgt Ion:112 Resp: 124228
 Ion Ratio Lower Upper
 112 100
 64 55.0 45.4 68.2
 63 28.8 23.7 35.5





#7

Phenol-d6

Concen: 25.166 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116413.D

Acq: 20 Aug 2019 2:53

Instrument :

BNA_F

ClientSampleId :

JC-03-081519-A

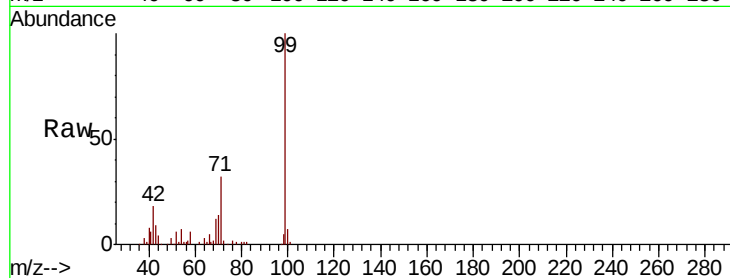
Tgt Ion: 99 Resp: 188639

Ion Ratio Lower Upper

99 100

42 17.6 13.8 20.8

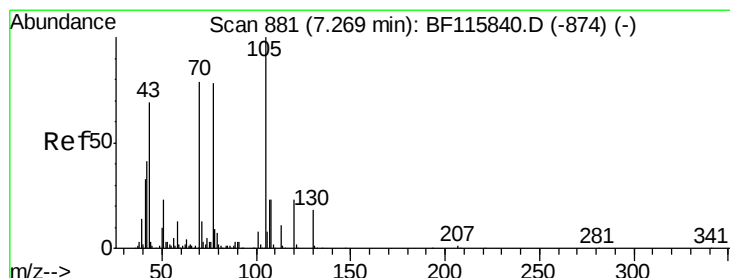
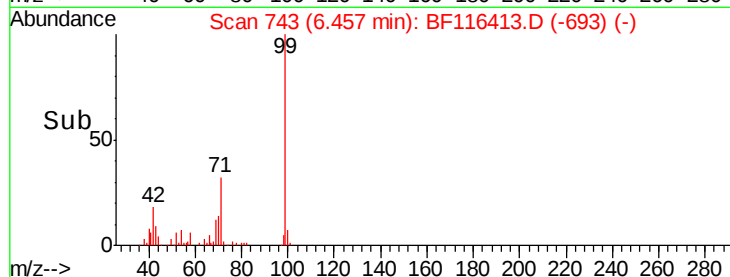
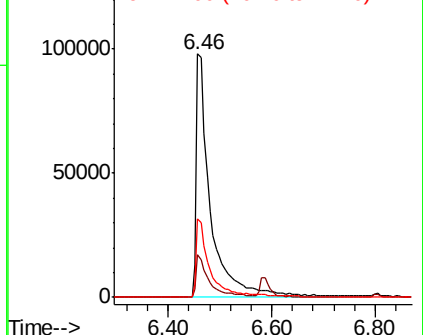
71 32.3 27.3 40.9



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



#19

n-Nitroso-di-n-propylamine

Concen: 3.193 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF116413.D

Acq: 20 Aug 2019 2:53

Tgt Ion: 70 Resp: 14830

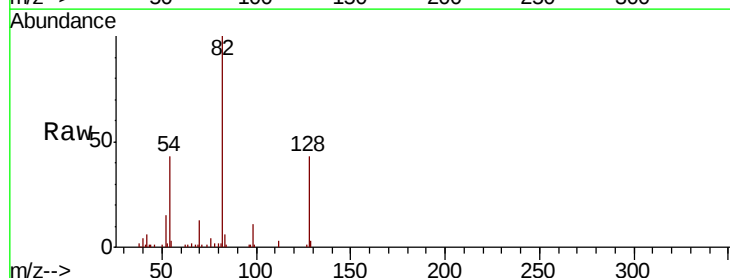
Ion Ratio Lower Upper

70 100

42 42.6 40.9 61.3

101 0.0 7.9 11.9#

130 0.0 16.9 25.3#

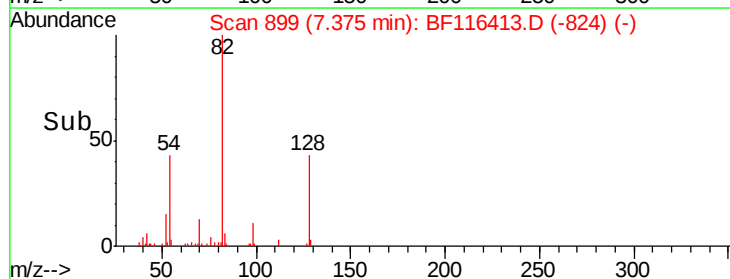
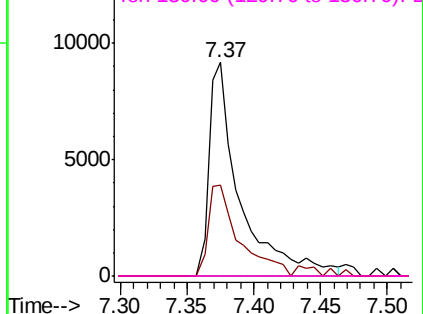


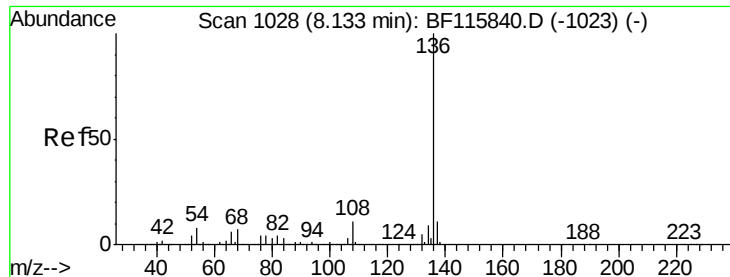
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF116413.D

Acq: 20 Aug 2019 2:53

Instrument :

BNA_F

ClientSampleId :

JC-03-081519-A

Tgt Ion: 136 Resp: 409590

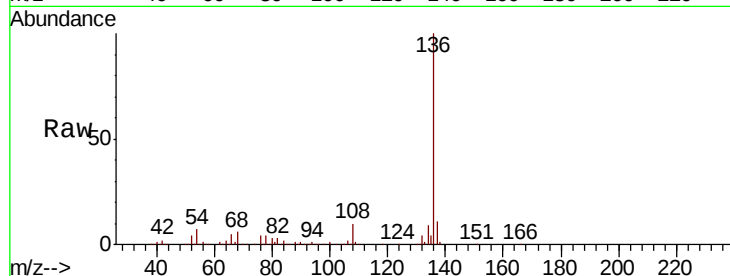
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.7 5.8 8.6

68 5.8 5.2 7.8

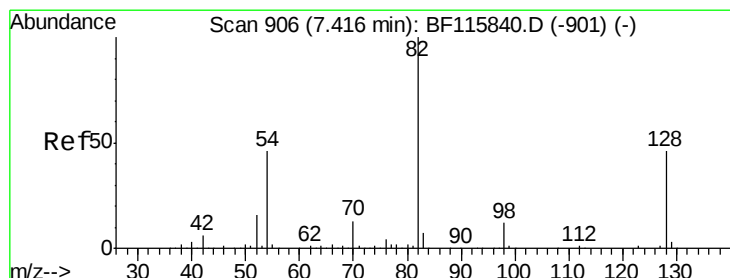
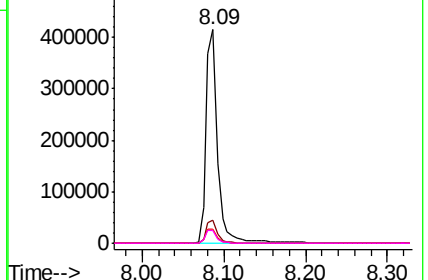
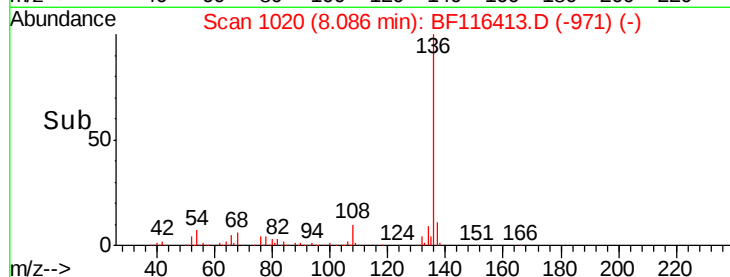


Abundance Ion 136.00 (135.70 to 136.70): E

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: 15.629 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF116413.D

Acq: 20 Aug 2019 2:53

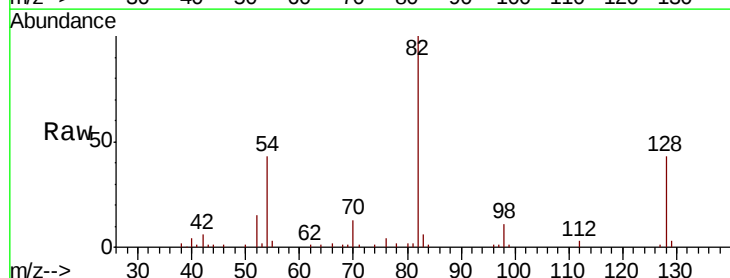
Tgt Ion: 82 Resp: 110901

Ion Ratio Lower Upper

82 100

128 43.2 36.5 54.7

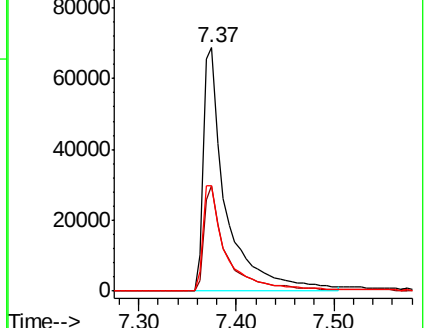
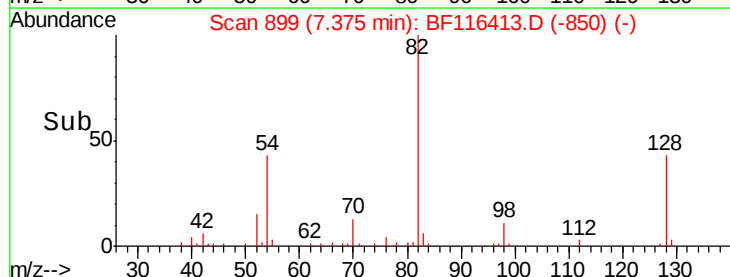
54 43.2 36.0 54.0

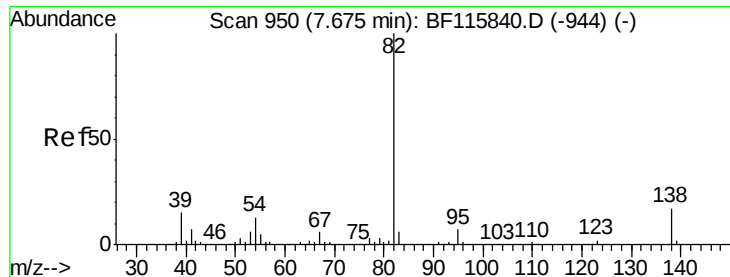


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 8.174 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF116413.D

Acq: 20 Aug 2019 2:53

Instrument :

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ClientSampleId :

JC-03-081519-A

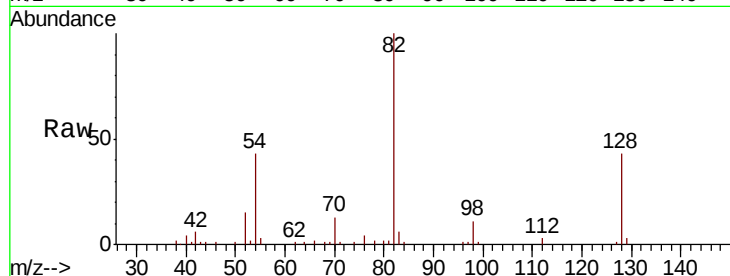
Tgt Ion: 82 Resp: 110901

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

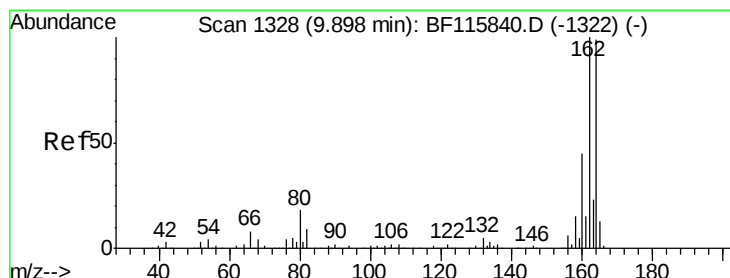
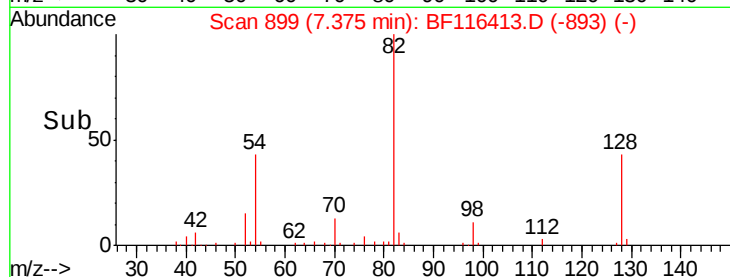
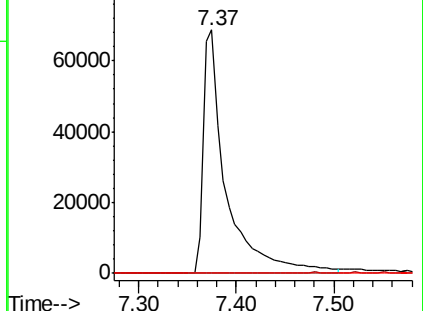
138 0.0 14.5 21.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF116413.D

Acq: 20 Aug 2019 2:53

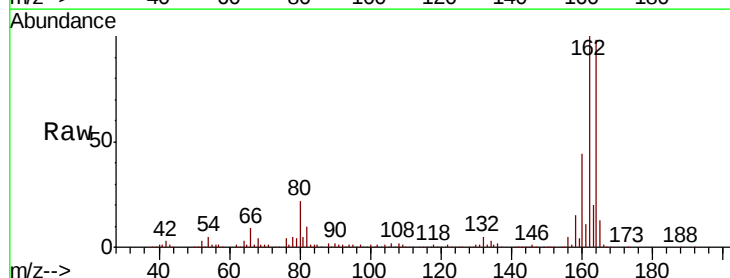
Tgt Ion: 164 Resp: 226159

Ion Ratio Lower Upper

164 100

162 102.5 82.6 124.0

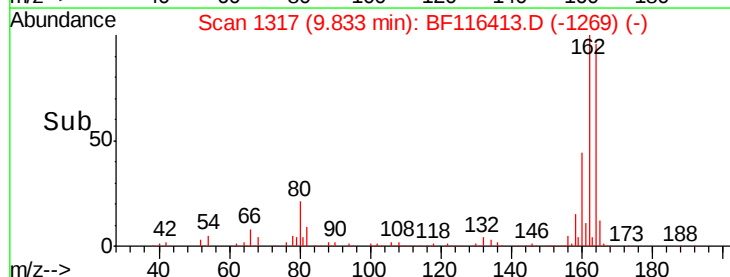
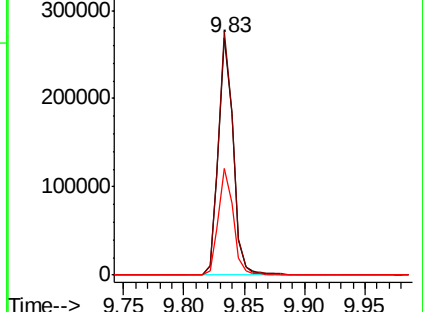
160 44.8 37.6 56.4

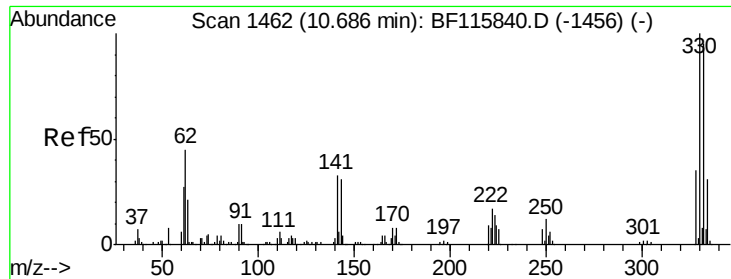


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

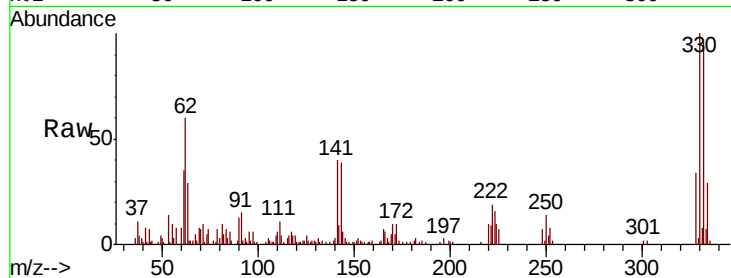




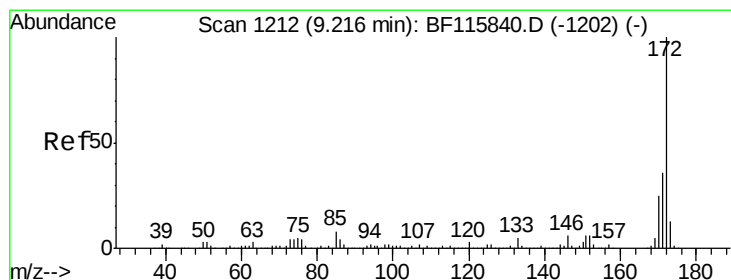
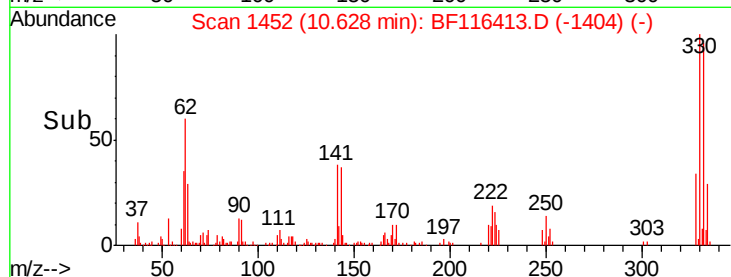
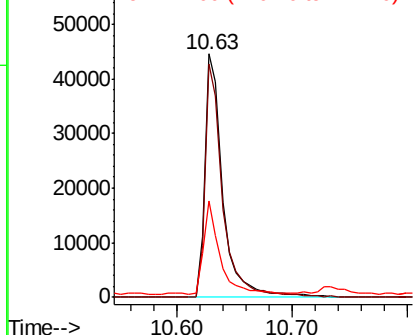
#42
 2,4,6-Tribromophenol
 Concen: 22.228 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116413.D
 Acq: 20 Aug 2019 2:53

Instrument :
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 JC-03-081519-A

Tgt Ion: 330 Resp: 48739
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.8 115.2
 141 34.8 26.3 39.5

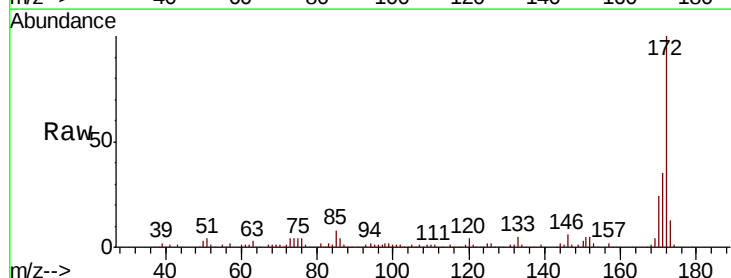


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

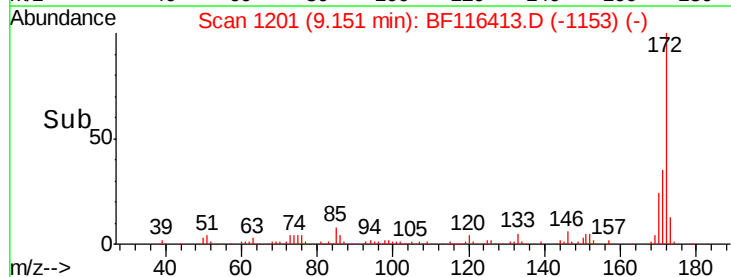
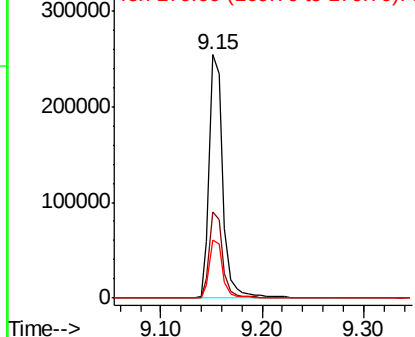


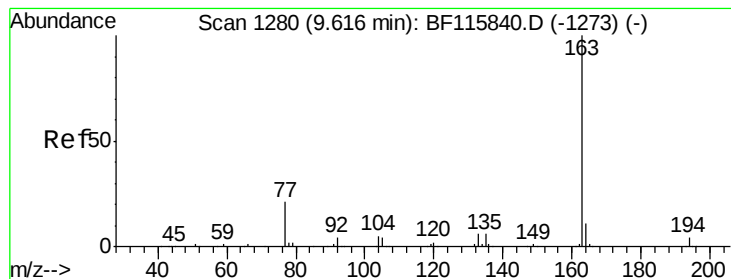
#45
 2-Fluorobiphenyl
 Concen: 19.891 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF116413.D
 Acq: 20 Aug 2019 2:53

Tgt Ion: 172 Resp: 240169
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 24.0 20.1 30.1



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





#50

Dimethylphthalate

Concen: 2.818 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF116413.D

Acq: 20 Aug 2019 2:53

Instrument :

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ClientSampleId :

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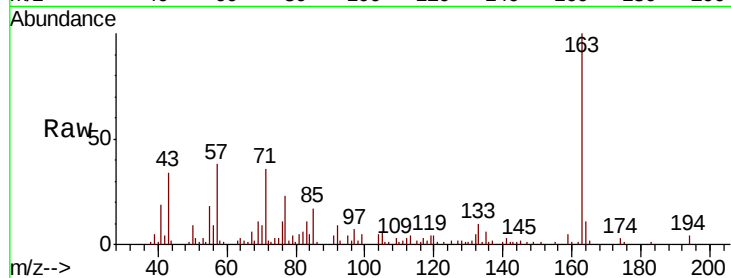
Tgt Ion:163 Resp: 43388

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

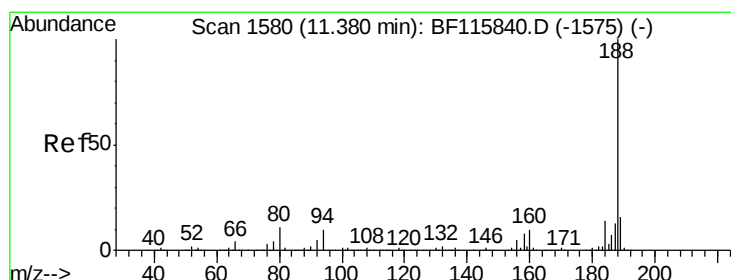
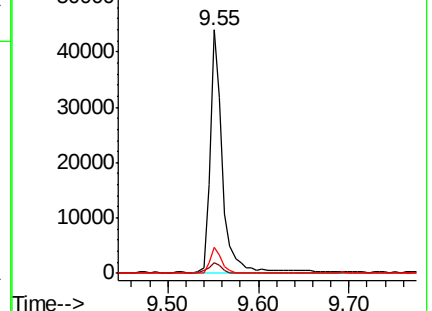
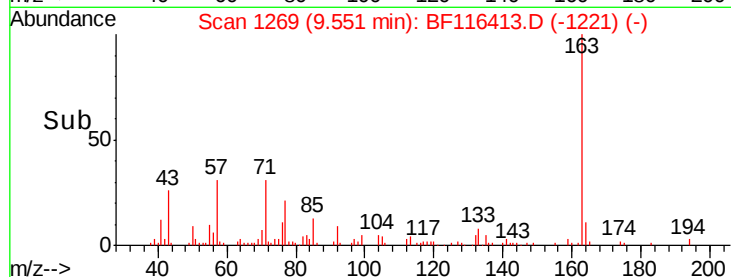
164 10.8 8.4 12.6



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: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF116413.D

Acq: 20 Aug 2019 2:53

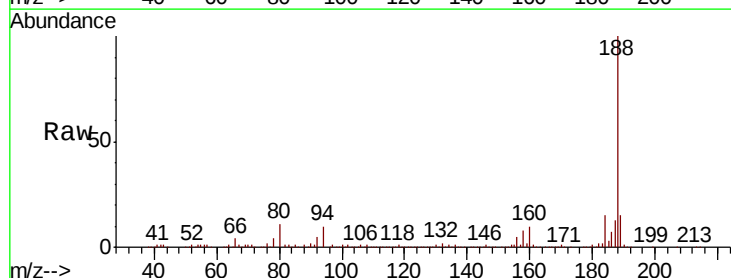
Tgt Ion:188 Resp: 401654

Ion Ratio Lower Upper

188 100

94 9.7 8.1 12.1

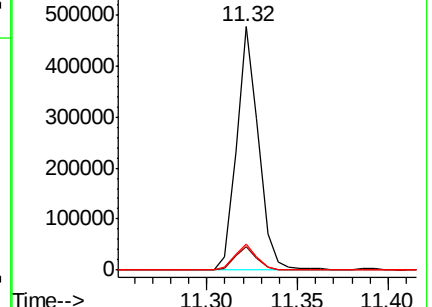
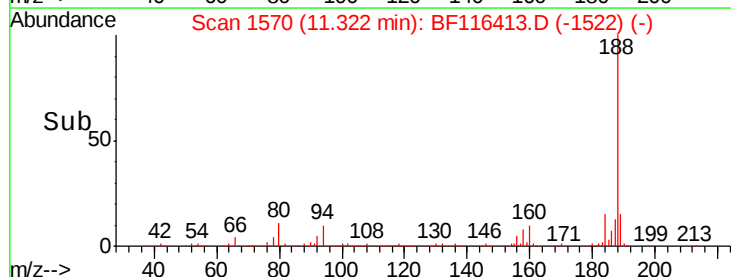
80 10.9 8.7 13.1

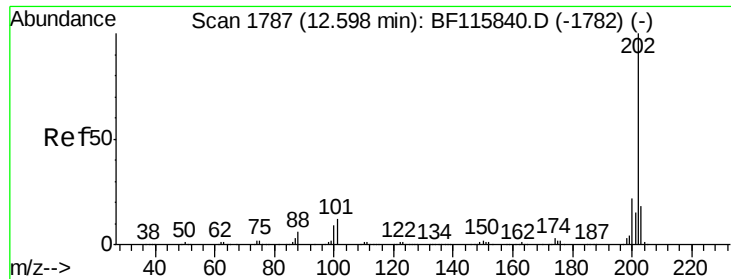


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 3.040 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF116413.D

Acq: 20 Aug 2019 2:53

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JC-03-081519-A

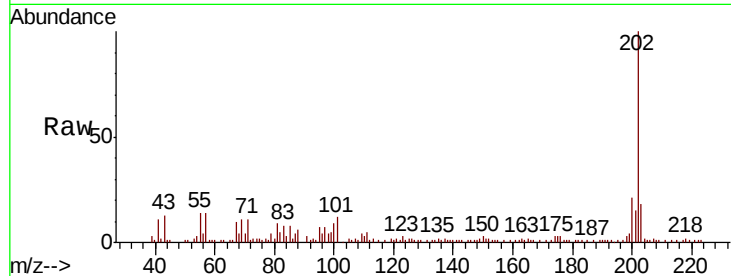
Tgt Ion: 202 Resp: 65339

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.2

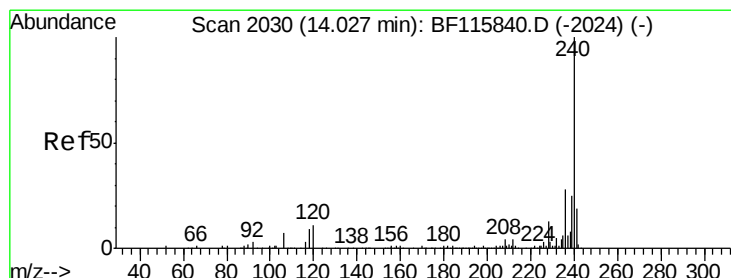
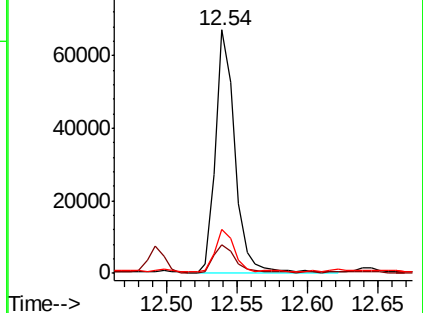
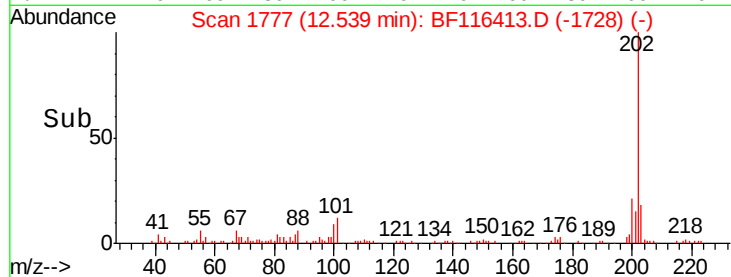
203 18.1 0.0 37.8



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: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF116413.D

Acq: 20 Aug 2019 2:53

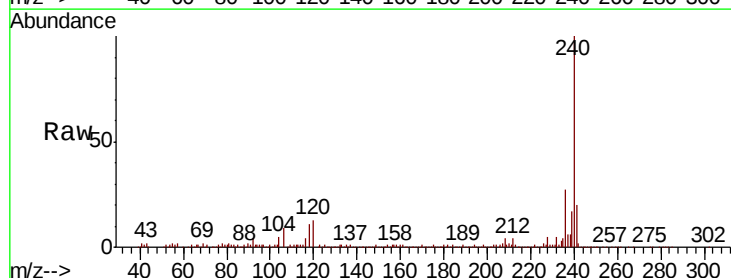
Tgt Ion: 240 Resp: 253148

Ion Ratio Lower Upper

240 100

120 12.9 10.7 16.1

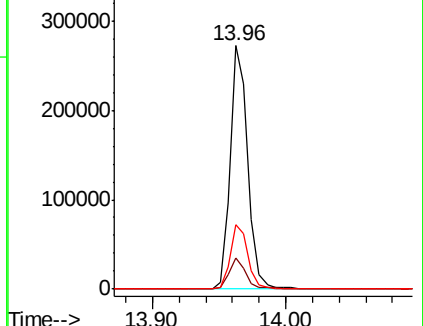
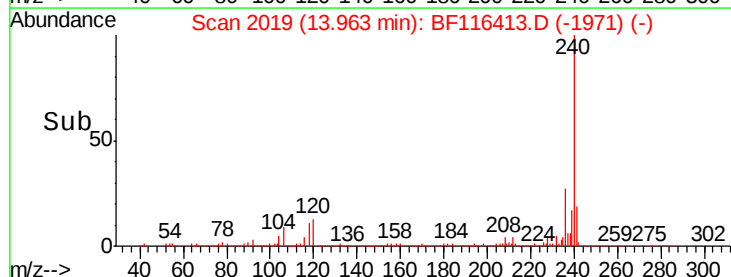
236 26.6 22.2 33.2

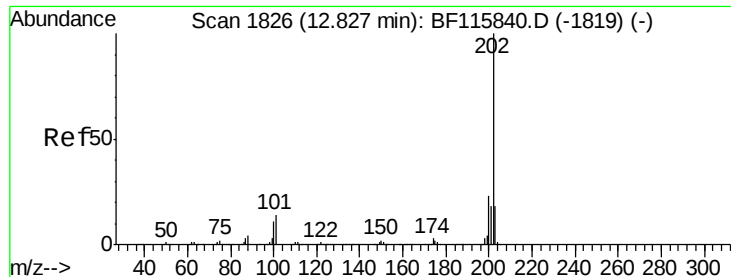


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 3.001 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF116413.D

Acq: 20 Aug 2019 2:53

Instrument :

BNA_F

ClientSampleId :

JC-03-081519-A

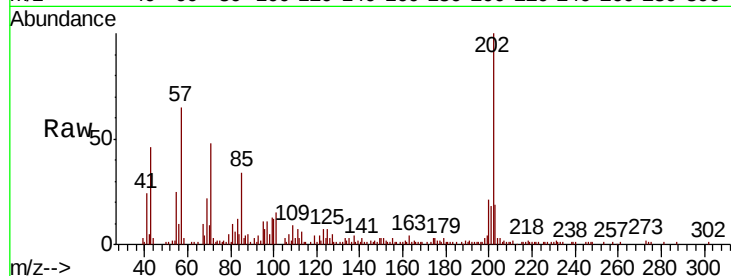
Tgt Ion:202 Resp: 57261

Ion Ratio Lower Upper

202 100

200 21.1 18.0 27.0

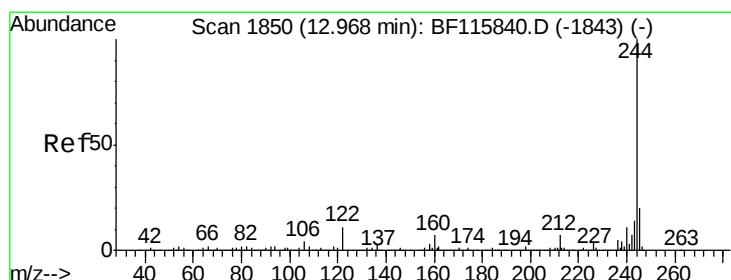
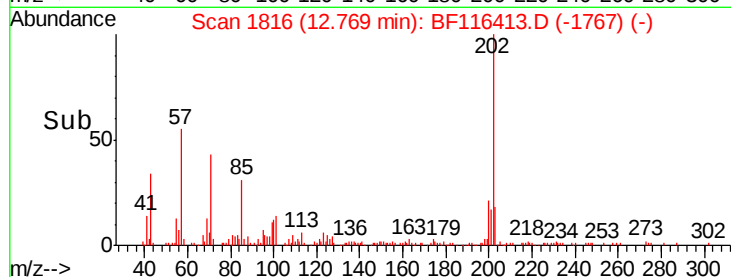
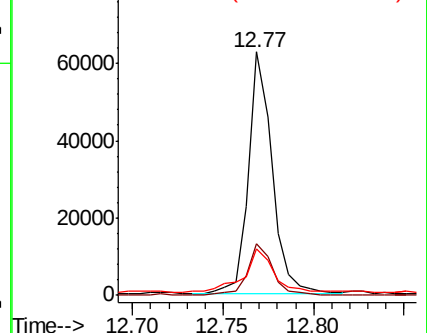
203 18.9 14.1 21.1



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: 21.046 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF116413.D

Acq: 20 Aug 2019 2:53

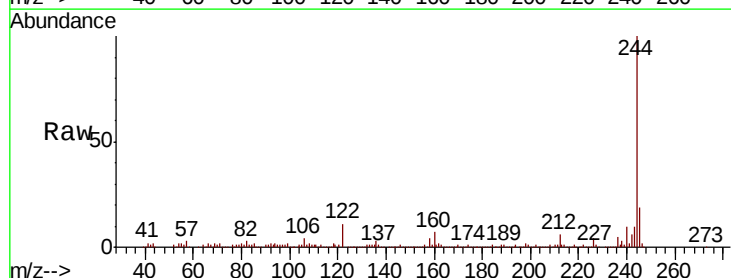
Tgt Ion:244 Resp: 252842

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

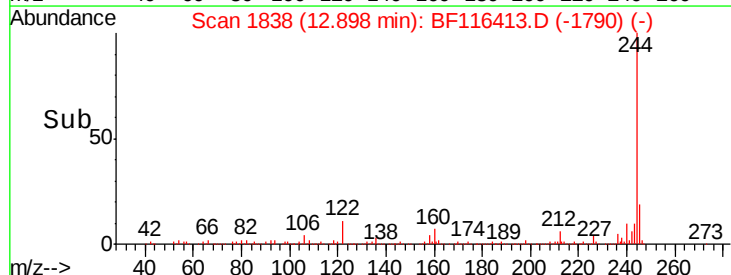
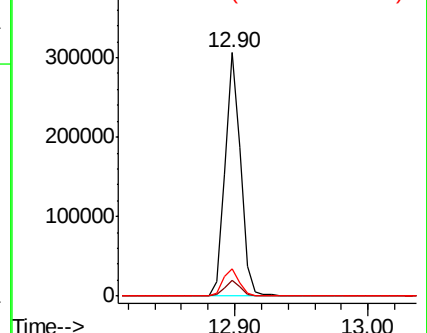
122 11.1 9.0 13.4

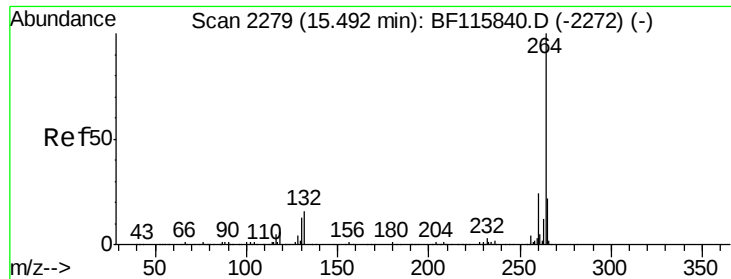


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF116413.D

Acq: 20 Aug 2019 2:53

Instrument :

BNA_F

ClientSampleId :

JC-03-081519-A

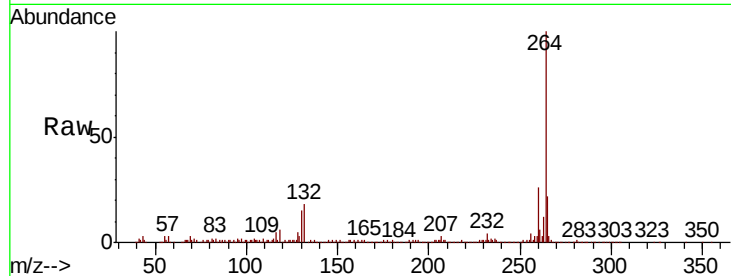
Tgt Ion:264 Resp: 297399

Ion Ratio Lower Upper

264 100

260 25.6 19.7 29.5

265 21.9 17.4 26.0

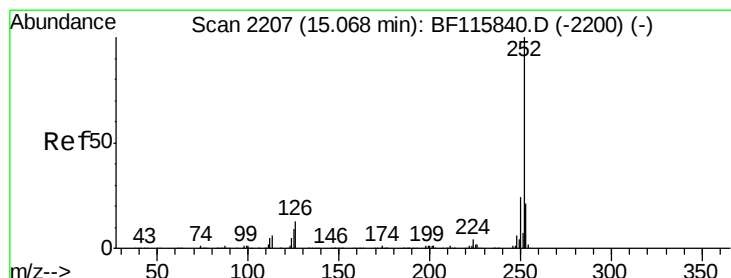
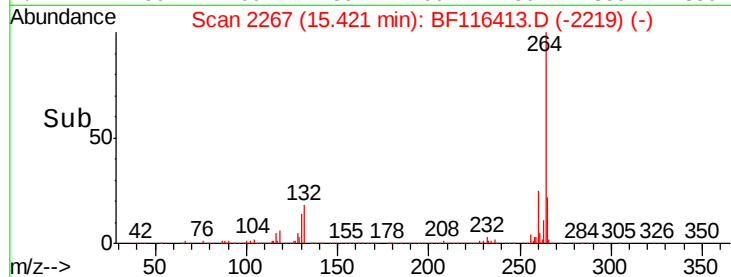
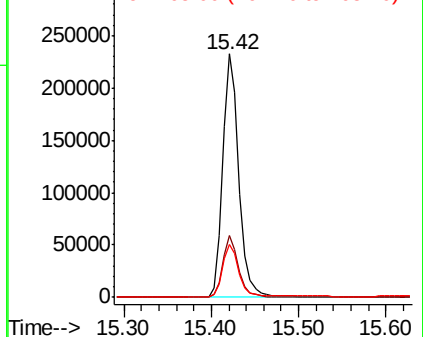


Abundance

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: 2.499 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BF116413.D

Acq: 20 Aug 2019 2:53

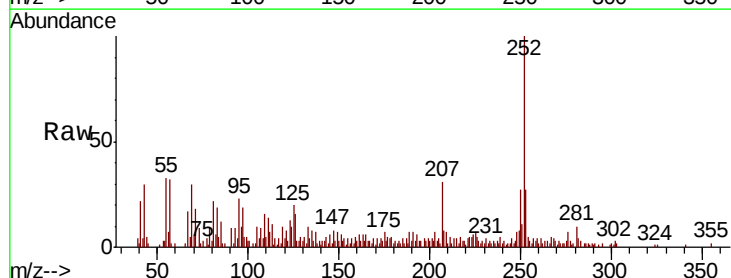
Tgt Ion:252 Resp: 42981

Ion Ratio Lower Upper

252 100

253 26.6 17.8 26.8

125 20.5 8.4 12.6#

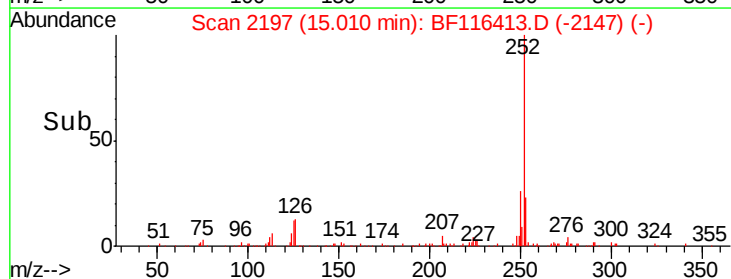
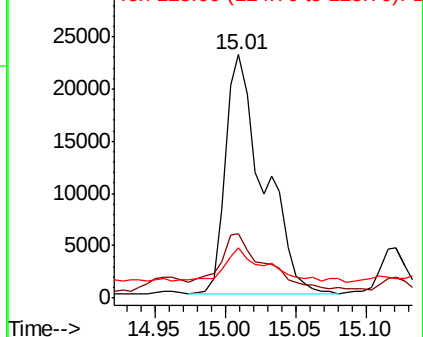


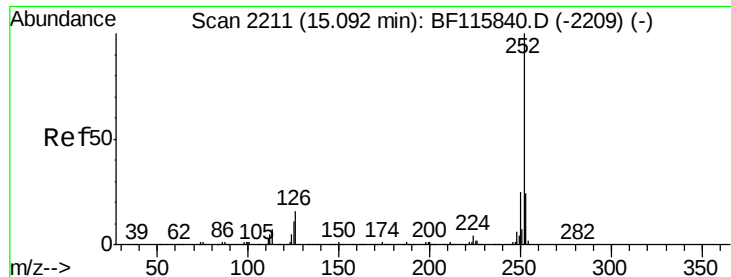
Abundance

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: 2.566 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.03 min

Lab File: BF116413.D

Acq: 20 Aug 2019 2:53

Instrument :

BNA_F

ClientSampleId :

JC-03-081519-A

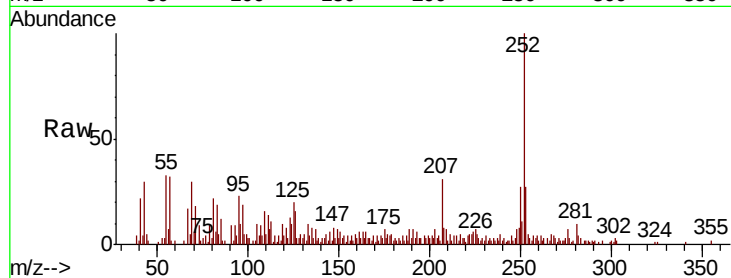
Tgt Ion: 252 Resp: 42981

Ion Ratio Lower Upper

252 100

253 26.6 17.8 26.8

125 20.5 7.7 11.5#



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

