

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116826.D
 Acq On : 4 Sep 2019 20:03
 Operator : HP/JU
 Sample : K4668-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-090319

Quant Time: Sep 05 04:33:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

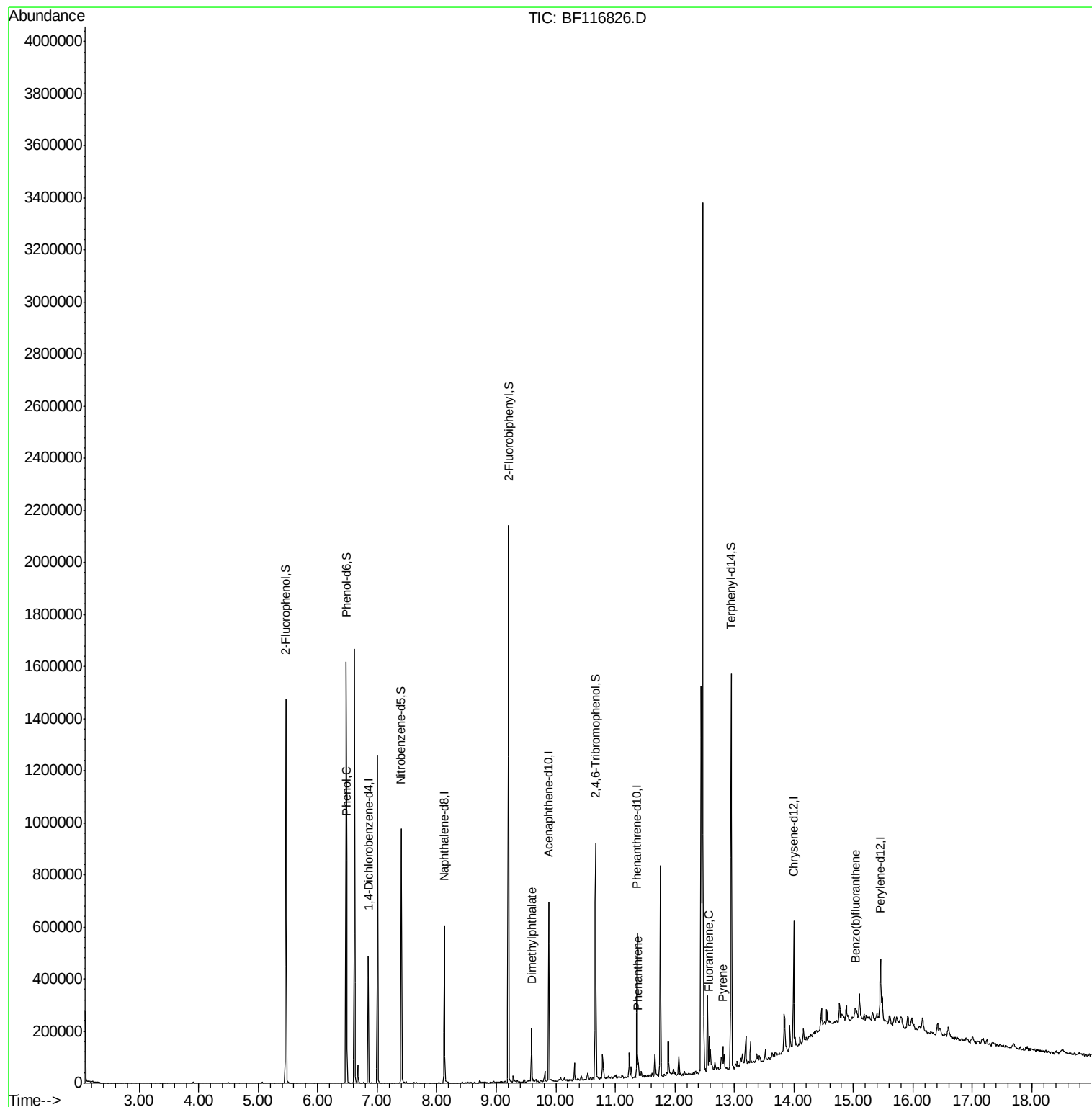
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	69134	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	271189	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	130902	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	186254	20.00	ng	0.00
76) Chrysene-d12	14.00	240	141174	20.00	ng	0.00
87) Perylene-d12	15.46	264	107263	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	401296	94.04	ng	0.00
7) Phenol-d6	6.48	99	544049	97.09	ng	0.00
23) Nitrobenzene-d5	7.40	82	330184	69.51	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	89805	102.62	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	583652	75.21	ng	0.00
79) Terphenyl-d14	12.95	244	449820	58.94	ng	0.00
Target Compounds						
10) Phenol	6.49	94	13451	2.168	ng	94
50) Dimethylphthalate	9.59	163	69769	7.720	ng	98
71) Phenanthrene	11.39	178	27291	2.632	ng	99
75) Fluoranthene	12.57	202	39041	3.832	ng	99
78) Pyrene	12.80	202	34484	2.748	ng	97
88) Benzo(b)fluoranthene	15.03	252	14188m	2.188	ng	

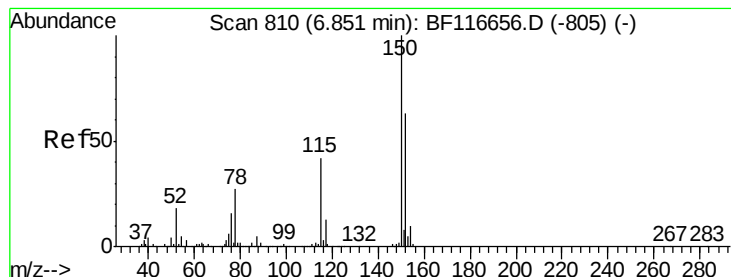
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF116826.D

Acq: 4 Sep 2019 20:03

Instrument :

BNA_F

ClientSampleId :

SU-04-090319

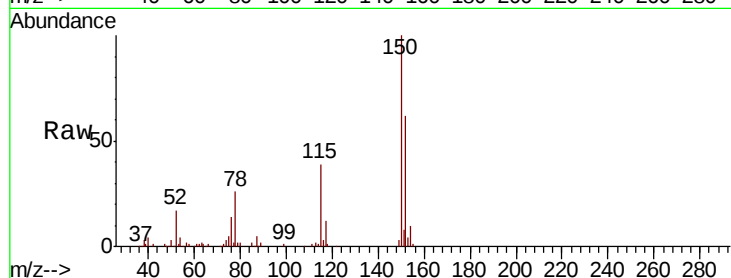
Tot Ion:152 Resp: 69134

Ion Ratio Lower Upper

152 100

150 161.0 124.4 186.6

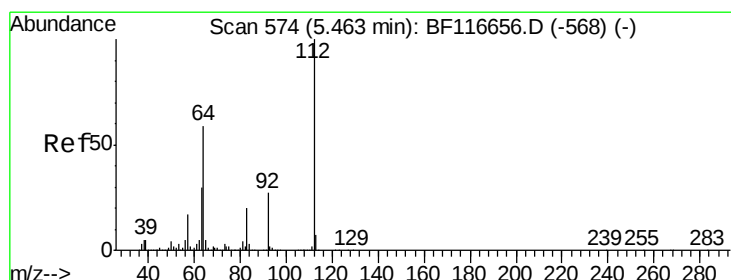
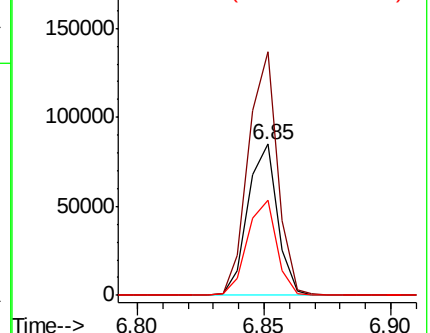
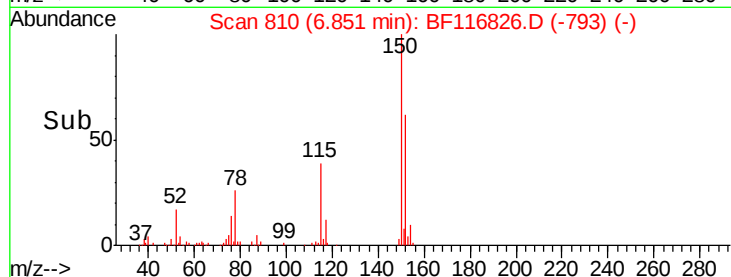
115 62.7 49.9 74.9



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



#5

2-Fluorophenol

Concen: 94.038 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116826.D

Acq: 4 Sep 2019 20:03

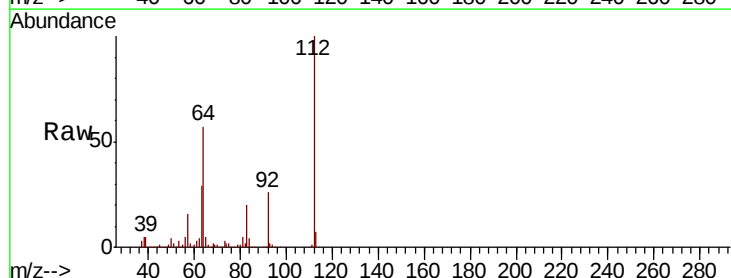
Tgt Ion:112 Resp: 401296

Ion Ratio Lower Upper

112 100

64 56.7 47.1 70.7

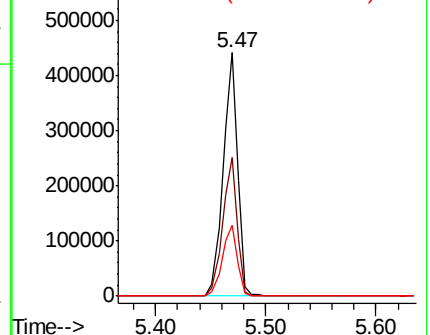
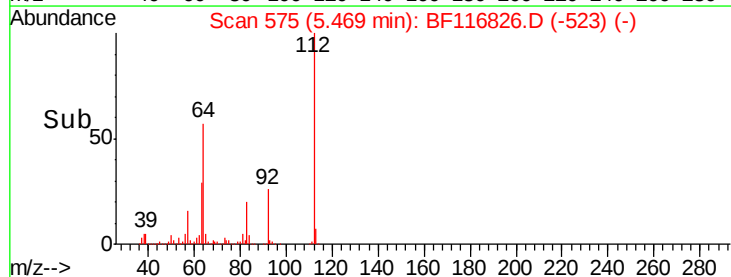
63 29.1 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.090 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116826.D

Acq: 4 Sep 2019 20:03

Instrument :

BNA_F

ClientSampleId :

SU-04-090319

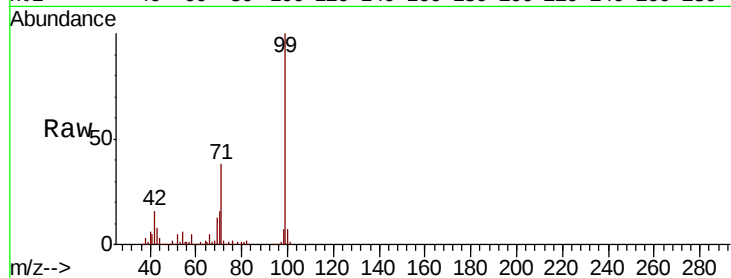
Tot Ion: 99 Resp: 544049

Ion Ratio Lower Upper

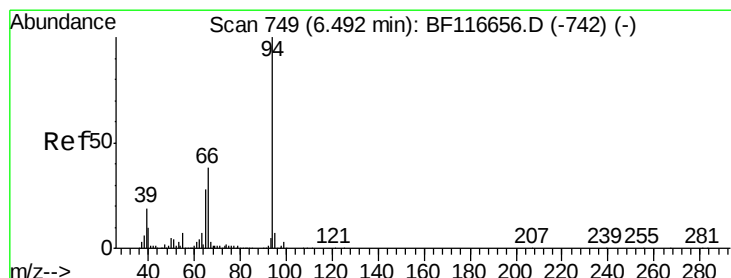
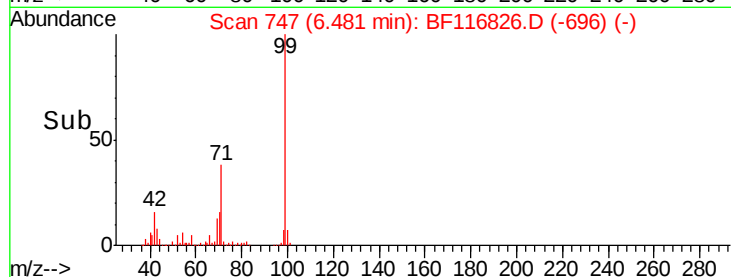
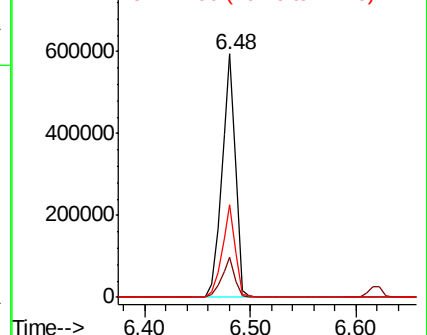
99 100

42 16.3 13.7 20.5

71 38.1 30.8 46.2



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



#10

Phenol

Concen: 2.168 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116826.D

Acq: 4 Sep 2019 20:03

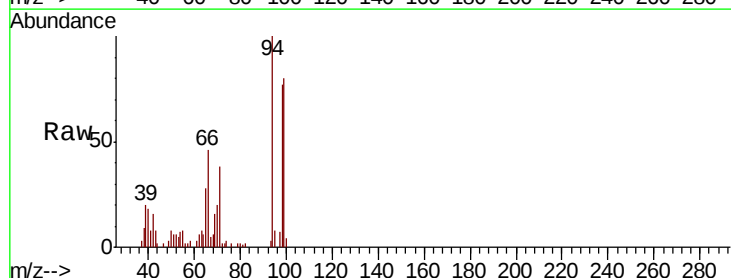
Tgt Ion: 94 Resp: 13451

Ion Ratio Lower Upper

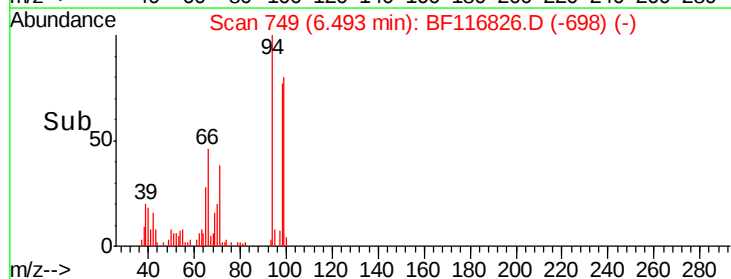
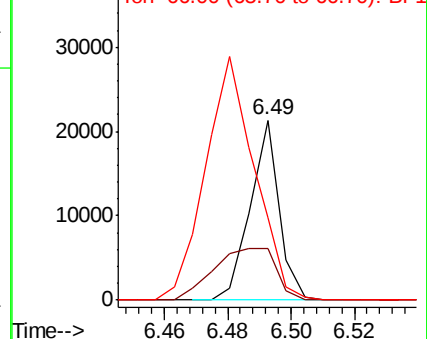
94 100

65 28.4 10.8 50.8

66 45.8 21.1 61.1



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

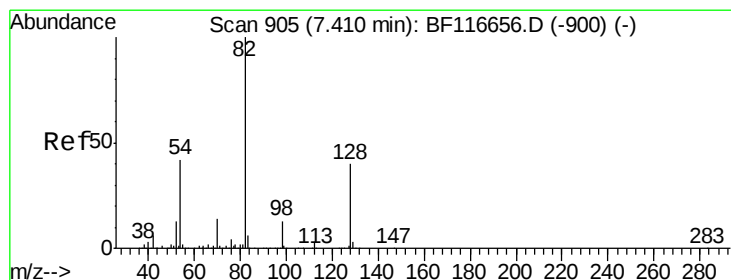
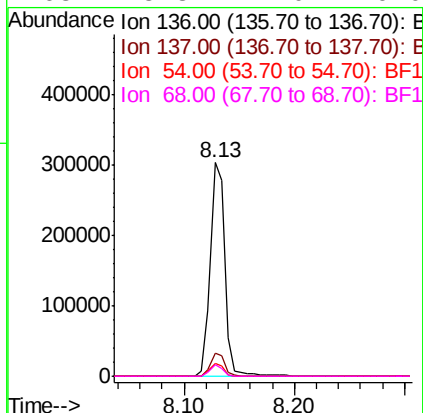
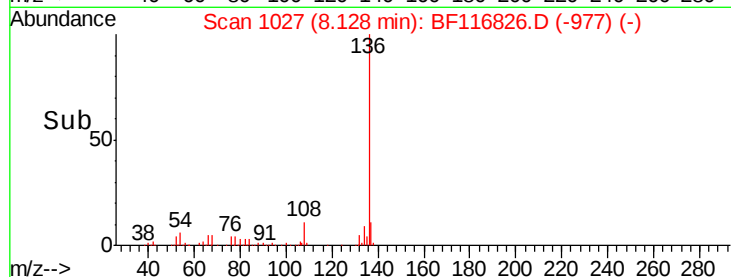
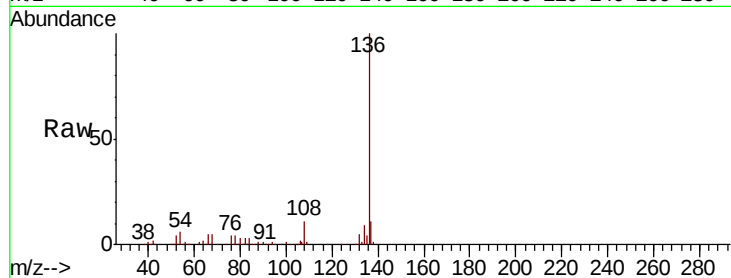




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

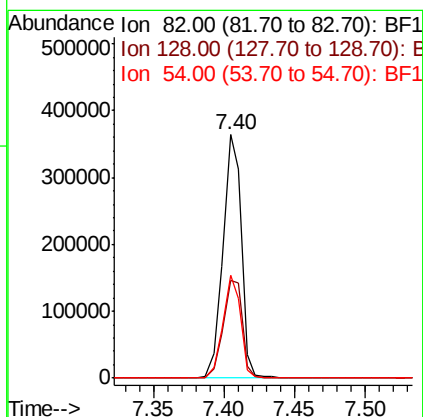
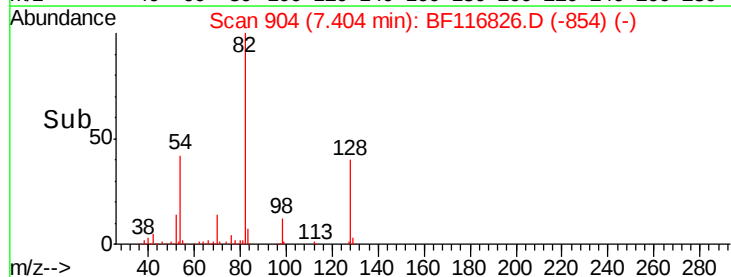
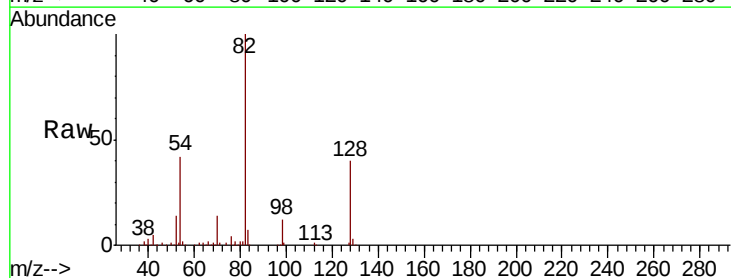
Instrument :
BNA_F
ClientSampleId :
SU-04-090319

Tot Ion:136	Resp:	271189
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 6.2	4.8	7.2
68 5.3	4.0	6.0



#23
Nitrobenzene-d5
Concen: 69.506 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Tgt Ion: 82	Resp: 330184
Ion Ratio	Lower Upper
82 100	
128 40.3	32.8 49.2
54 42.1	36.9 55.3

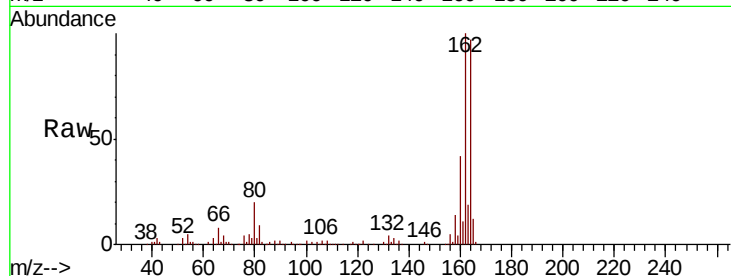




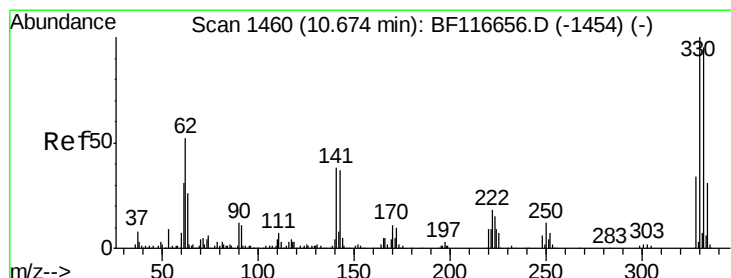
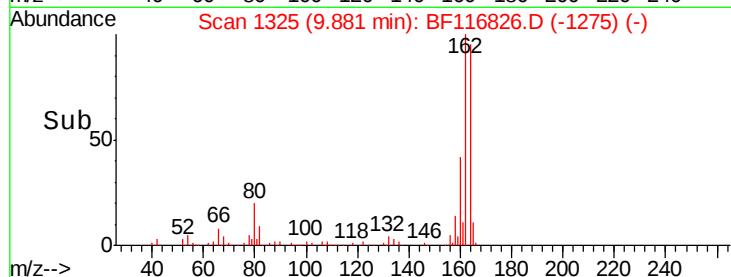
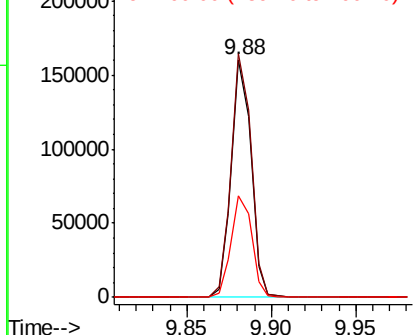
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
SU-04-090319

Tot Ion:164 Resp: 130902
Ion Ratio Lower Upper
164 100
162 102.6 81.4 122.0
160 42.7 35.4 53.2

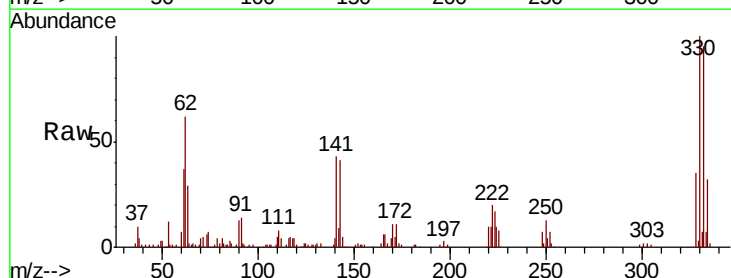


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

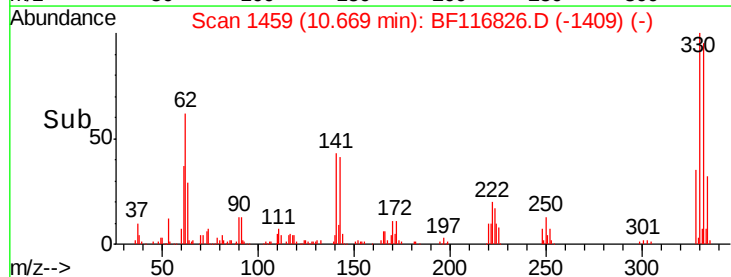
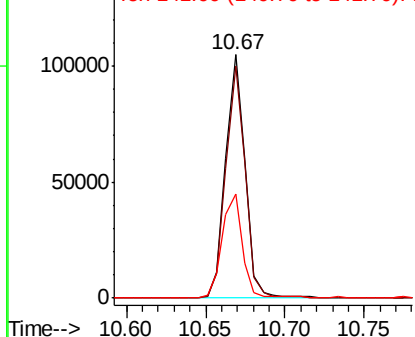


#42
2,4,6-Tribromophenol
Concen: 102.622 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Tgt Ion:330 Resp: 89805
Ion Ratio Lower Upper
330 100
332 95.2 76.9 115.3
141 44.7 31.4 47.2



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

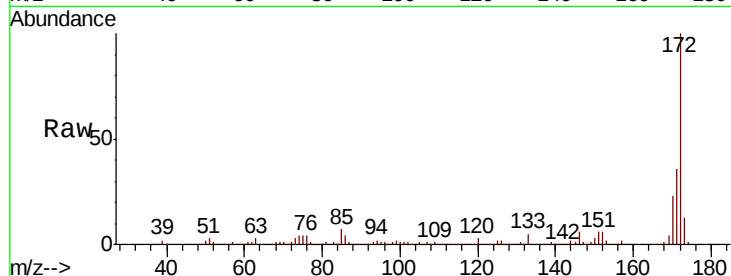




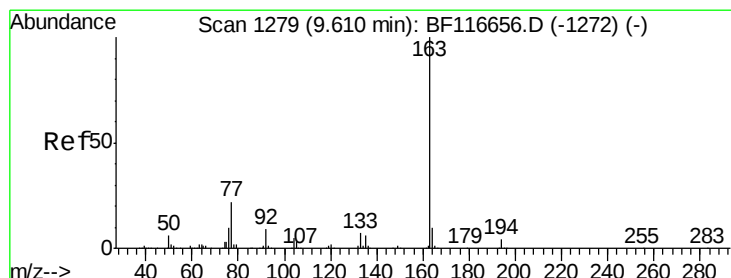
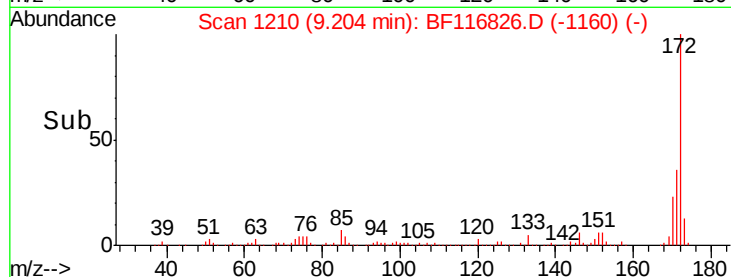
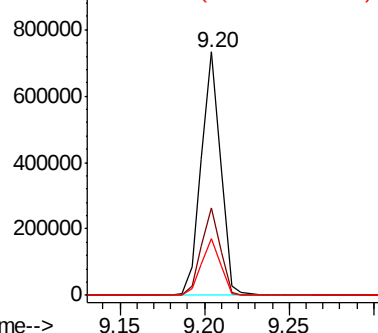
#45
2-Fluorobiphenyl
Concen: 75.213 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
SU-04-090319

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.8	41.6
170	23.4	18.9	28.3

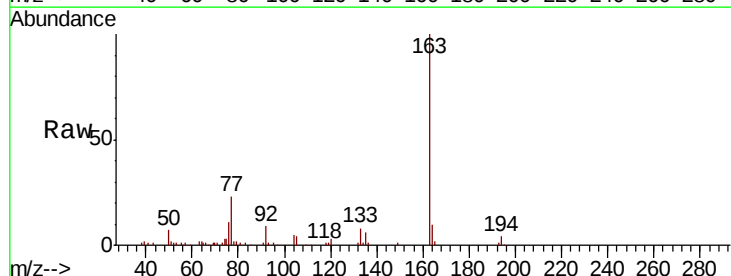


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

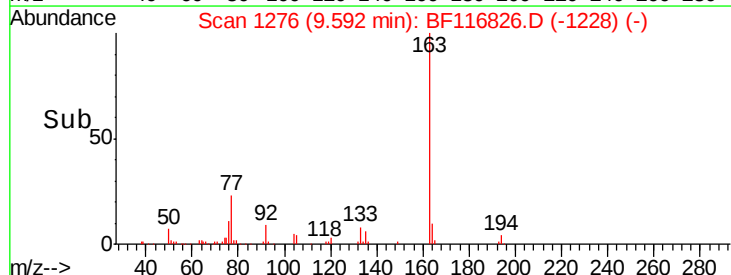
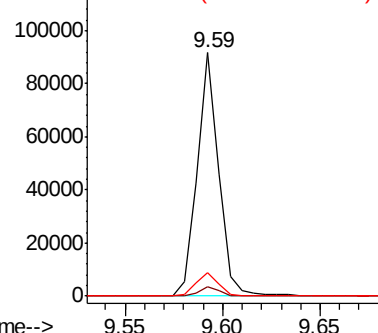


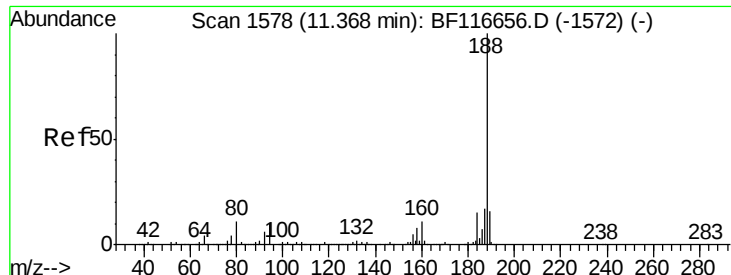
#50
Dimethylphthalate
Concen: 7.720 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	9.6	8.6	12.8



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

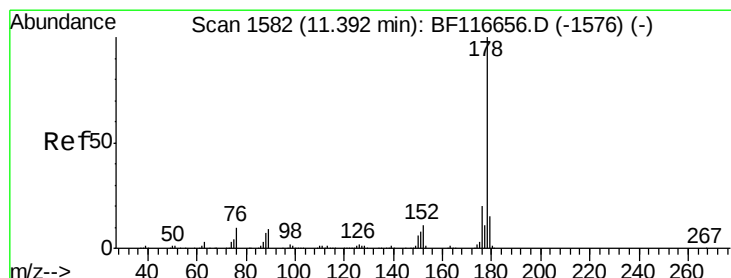
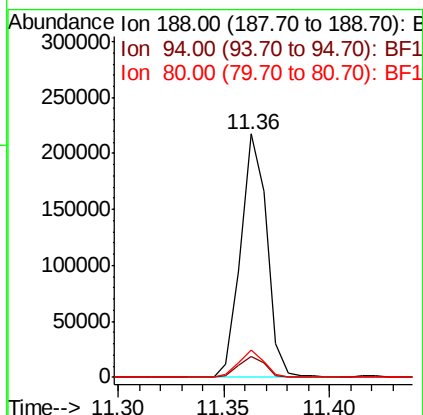
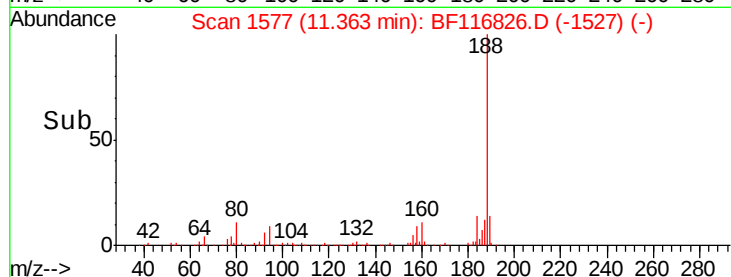
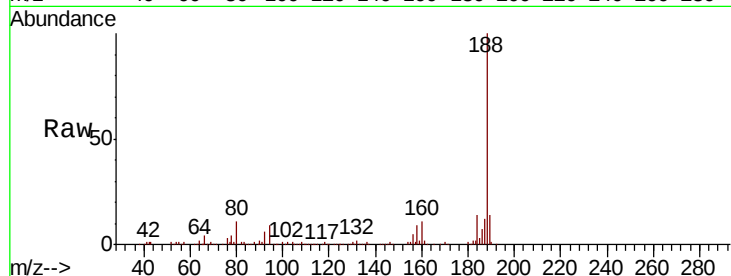




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

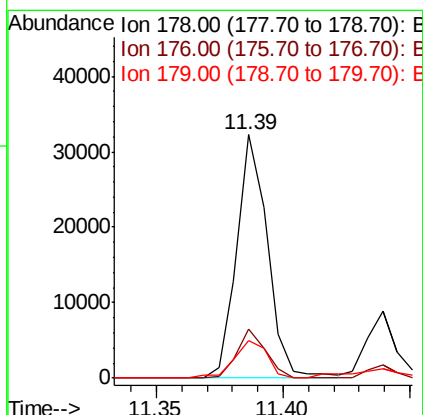
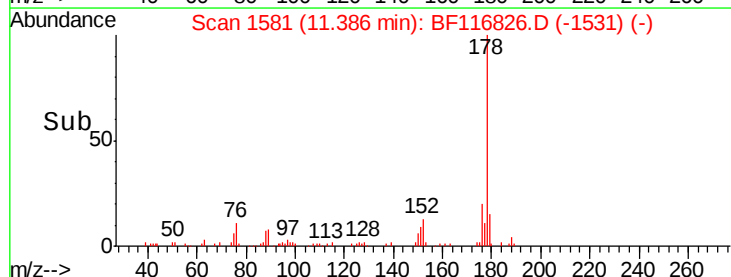
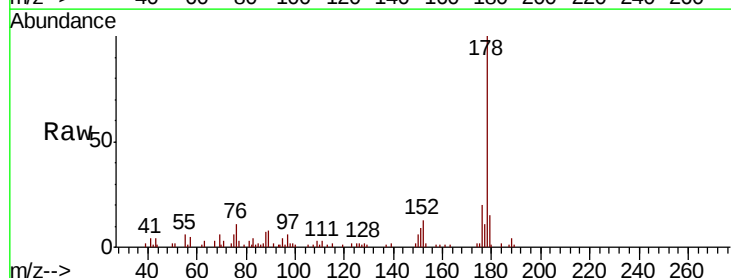
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SU-04-090319

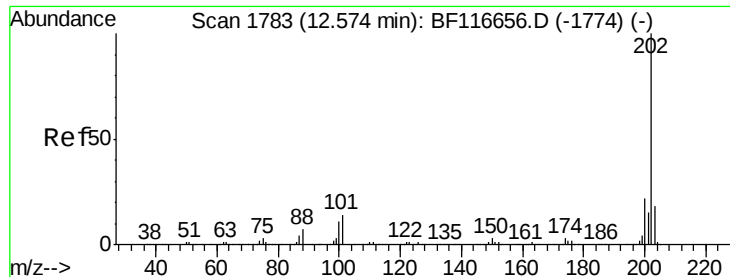
Tot Ion:188 Resp: 186254
Ion Ratio Lower Upper
188 100
94 8.8 7.3 10.9
80 11.4 8.4 12.6



#71
Phenanthrene
Concen: 2.632 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Tgt Ion:178 Resp: 27291
Ion Ratio Lower Upper
178 100
176 20.3 15.4 23.0
179 15.2 12.2 18.2





#75

Fluoranthene

Concen: 3.832 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116826.D

Acq: 4 Sep 2019 20:03

Instrument :

BNA_F

ClientSampleId :

SU-04-090319

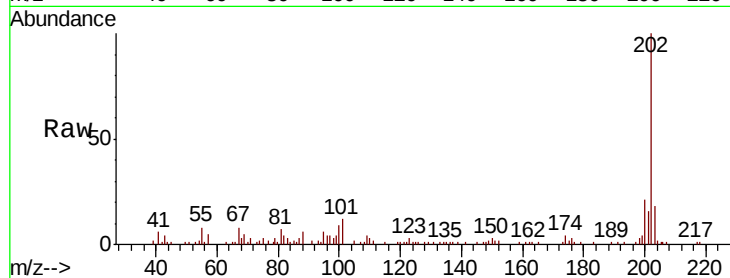
Tot Ion:202 Resp: 39041

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.3

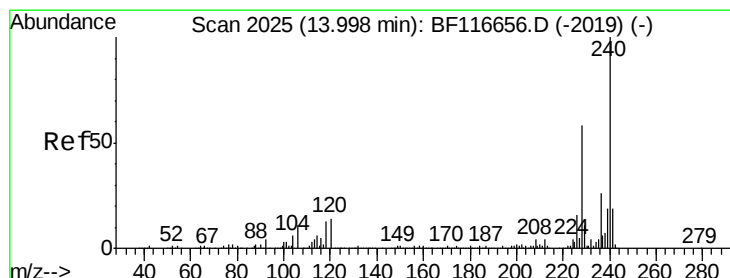
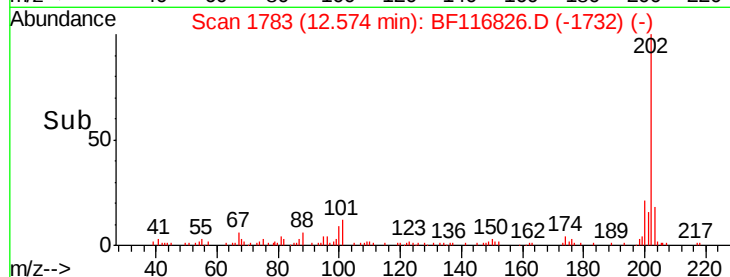
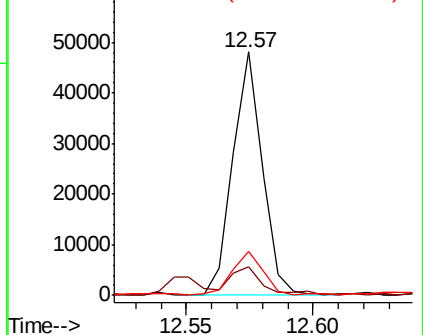
203 17.9 0.0 37.6



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: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF116826.D

Acq: 4 Sep 2019 20:03

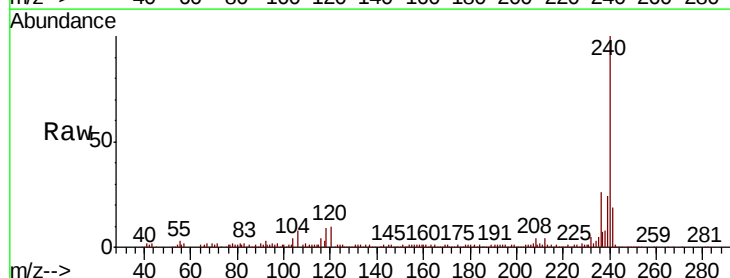
Tgt Ion:240 Resp: 141174

Ion Ratio Lower Upper

240 100

120 10.4 9.1 13.7

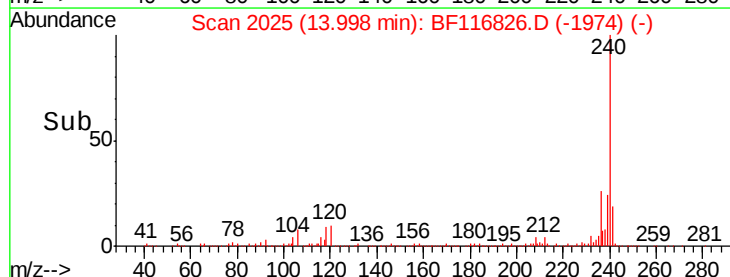
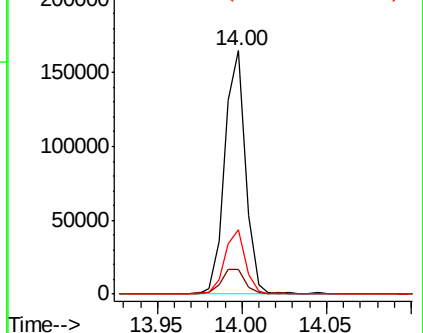
236 26.3 21.1 31.7

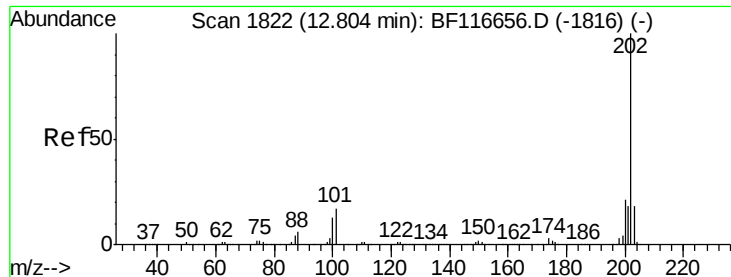


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

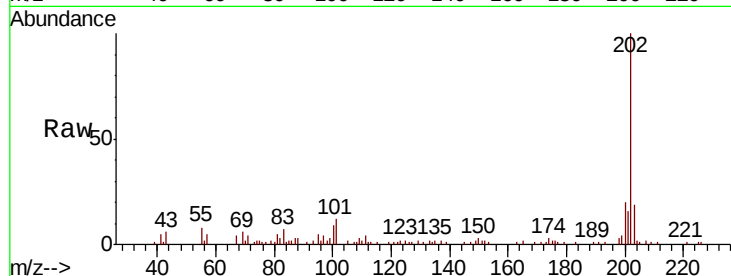




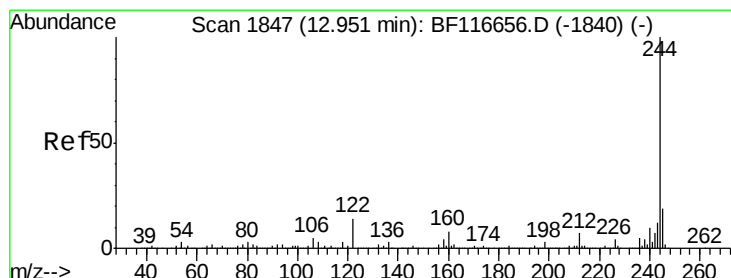
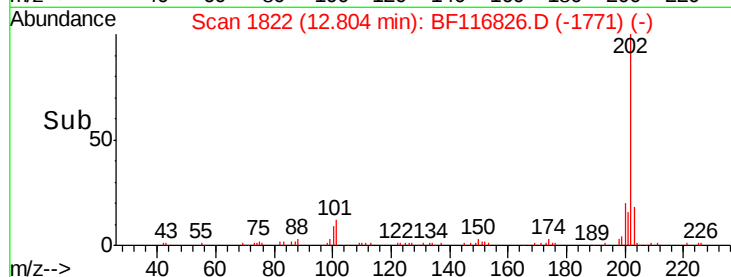
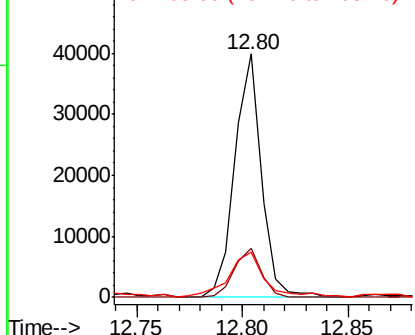
#78
Pvrene
Concen: 2.748 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
SU-04-090319

Tot Ion:202 Resp: 34484
Ion Ratio Lower Upper
202 100
200 20.0 16.5 24.7
203 18.8 13.7 20.5

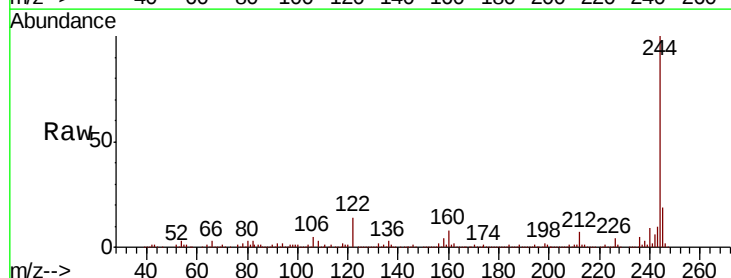


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

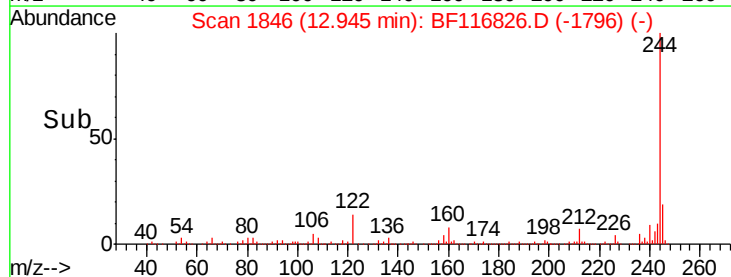
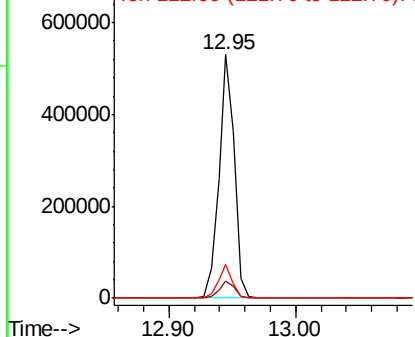


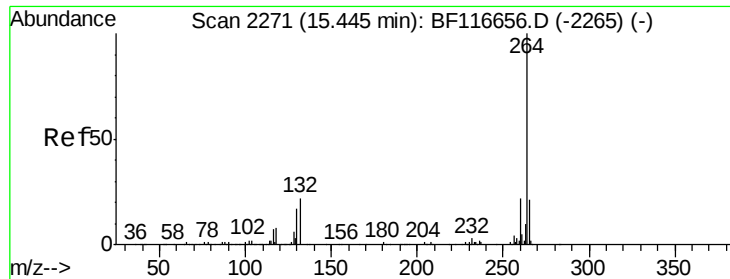
#79
Terphenyl-d14
Concen: 58.944 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116826.D
Acq: 4 Sep 2019 20:03

Tgt Ion:244 Resp: 449820
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 13.6 10.2 15.4



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

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF116826.D

Acq: 4 Sep 2019 20:03

Instrument :

BNA_F

ClientSampleId :

SU-04-090319

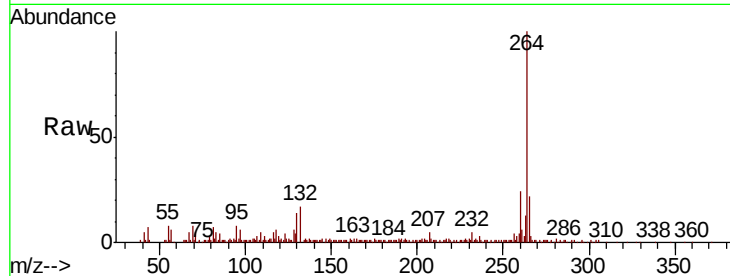
Tot Ion:264 Resp: 107263

Ion Ratio Lower Upper

264 100

260 24.5 18.3 27.5

265 22.5 16.5 24.7

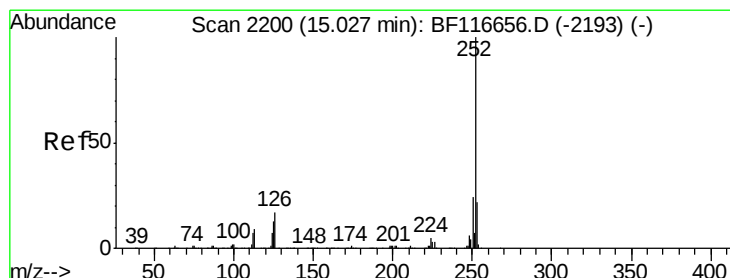
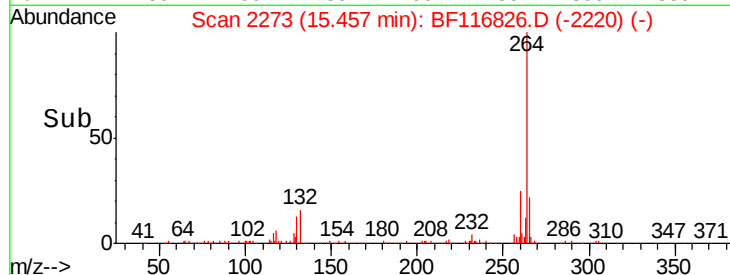
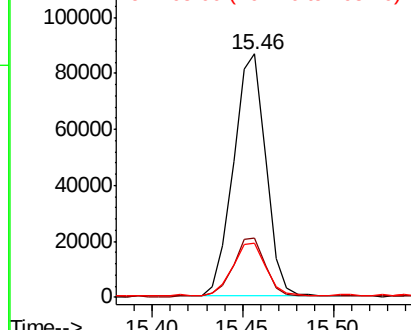


Abundance

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: 2.188 ng m

RT: 15.03 min Scan# 2200

Delta R.T. 0.00 min

Lab File: BF116826.D

Acq: 4 Sep 2019 20:03

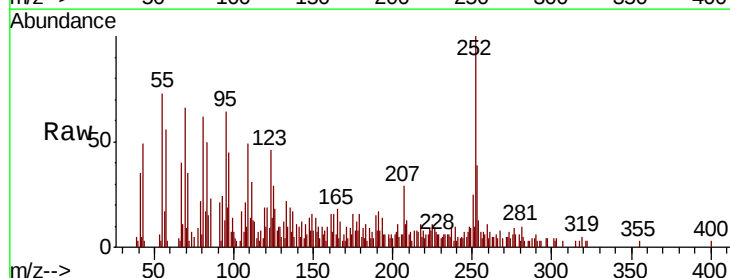
Tgt Ion:252 Resp: 14188

Ion Ratio Lower Upper

252 100

253 38.9 17.7 26.5#

125 29.3 8.2 12.2#



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

