

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115515.D
 Acq On : 12 Jul 2019 00:41
 Operator : HP/JU
 Sample : K3621-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 03:17:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

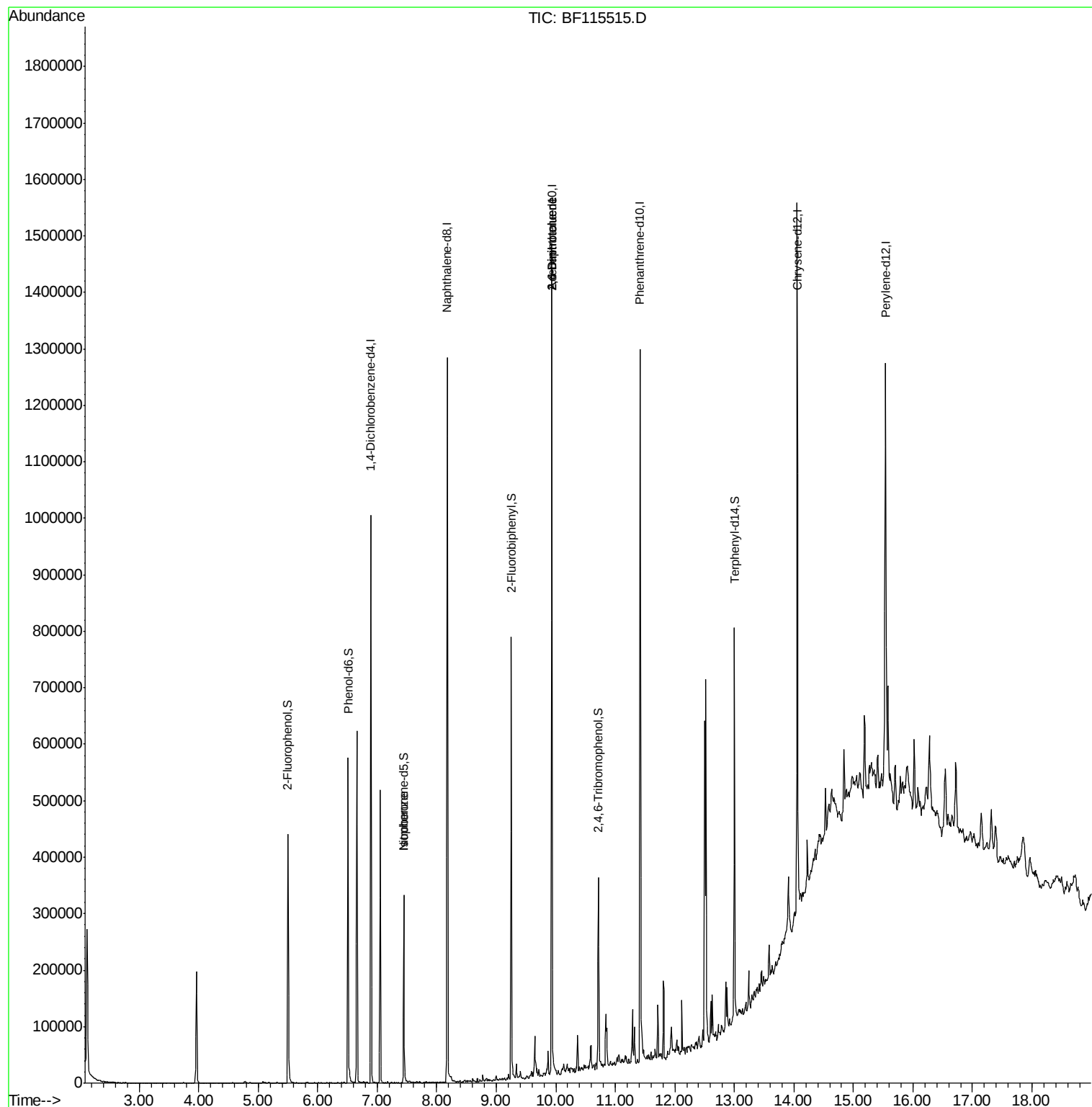
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	146125	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	592917	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	278472	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	485924	20.00	ng	0.00
76) Chrysene-d12	14.06	240	402584	20.00	ng	-0.01
87) Perylene-d12	15.54	264	361490	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	141635	14.98	ng	-0.01
7) Phenol-d6	6.51	99	190795	15.86	ng	-0.01
23) Nitrobenzene-d5	7.45	82	104258	10.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	42850	13.92	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	226193	14.25	ng	0.00
79) Terphenyl-d14	13.00	244	231643	11.78	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.51	77	159	Below Cal	#	1
25) Isophorone	7.45	82	104257	4.793	ng	# 64
51) 2,6-Dinitrotoluene	9.93	165	36180	7.981	ng	# 28
57) 2,4-Dinitrotoluene	9.93	165	36181	6.280	ng	# 24
86) Indeno(1,2,3-cd)pyrene	17.02	276	7288	Below Cal	#	81

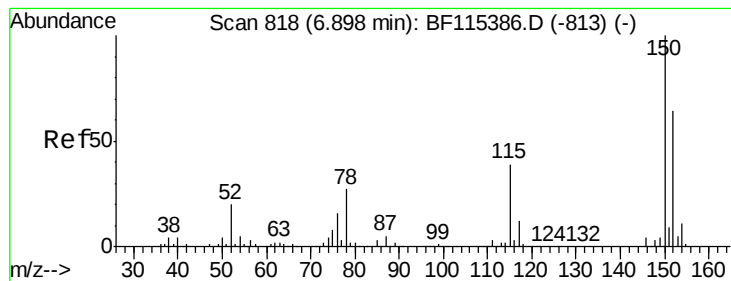
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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BNA_F
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Quant Time: Jul 12 03:17:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration



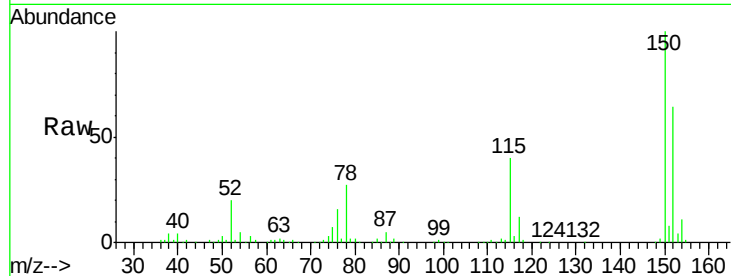


#1

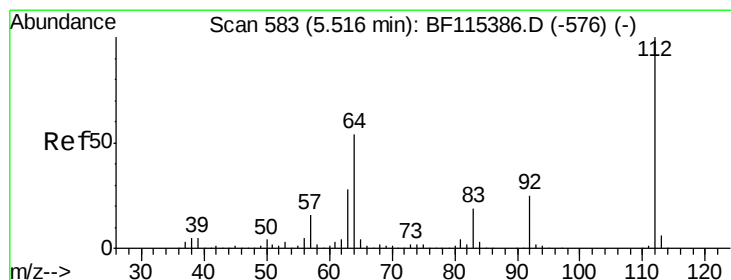
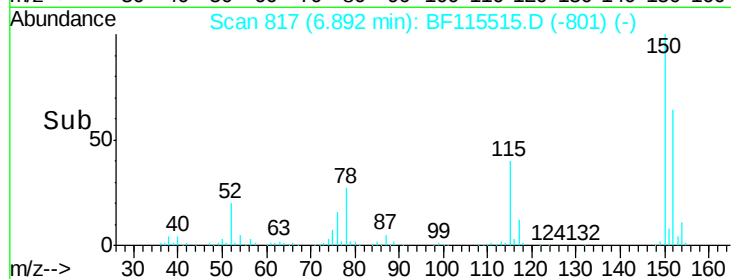
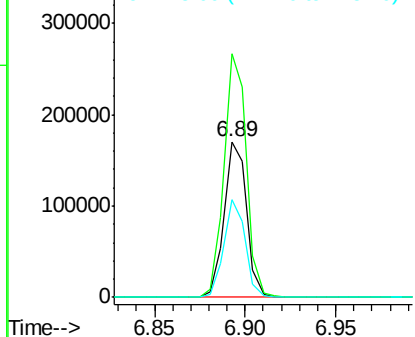
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115515.D
Acq: 12 Jul 2019 00:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146125
Ion Ratio Lower Upper
152 100
150 156.4 127.4 191.2
115 62.5 46.2 69.4



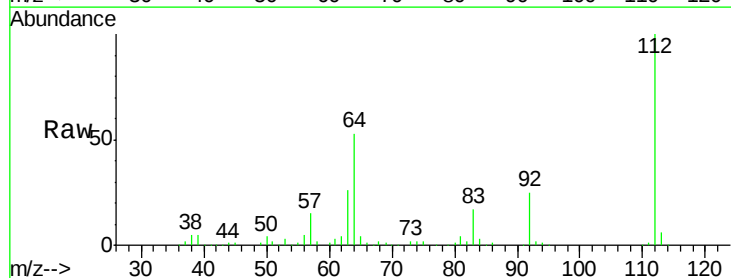
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



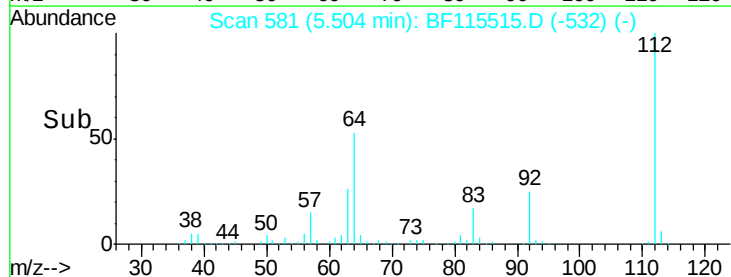
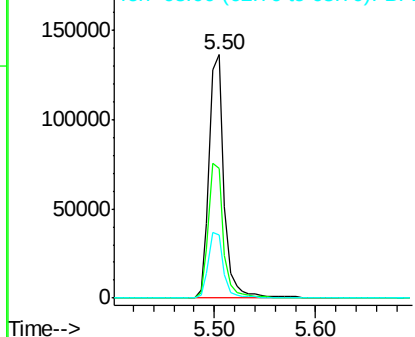
#5

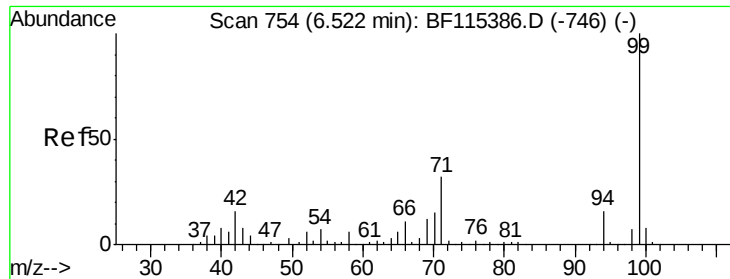
2-Fluorophenol
Concen: 14.976 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF115515.D
Acq: 12 Jul 2019 00:41

Tgt Ion:112 Resp: 141635
Ion Ratio Lower Upper
112 100
64 53.1 44.2 66.2
63 25.7 22.1 33.1



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: 15.862 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115515.D

Acq: 12 Jul 2019 00:41

Instrument :

BNA_F

ClientSampleId :

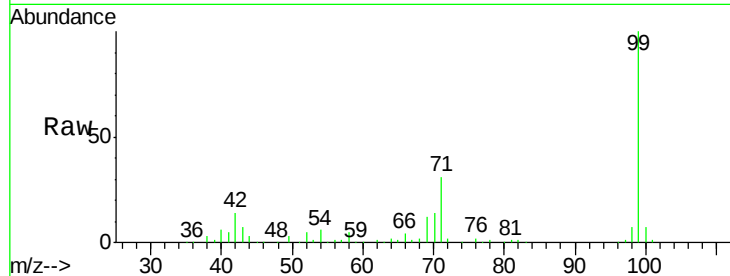
Tot Ion: 99 Resp: 190795

Ion Ratio Lower Upper

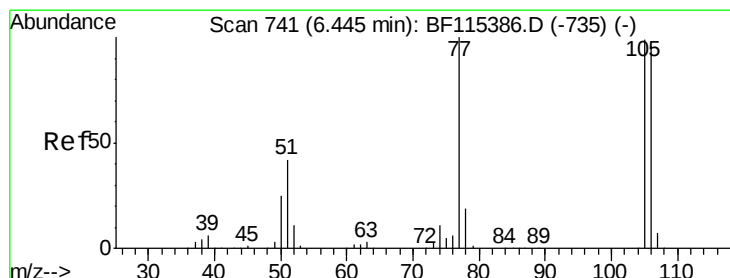
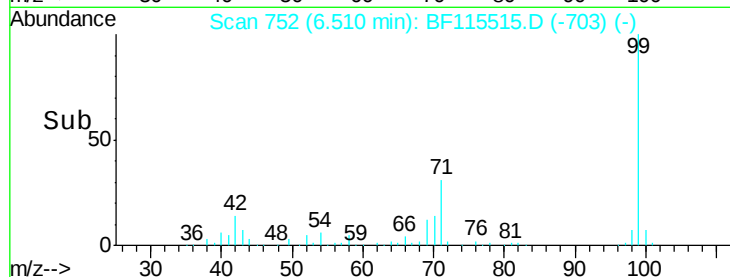
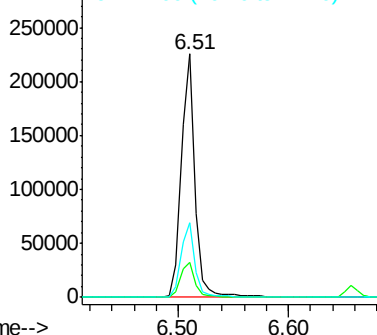
99 100

42 14.4 12.8 19.2

71 30.6 26.5 39.7



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.51 min Scan# 752

Delta R.T. 0.06 min

Lab File: BF115515.D

Acq: 12 Jul 2019 00:41

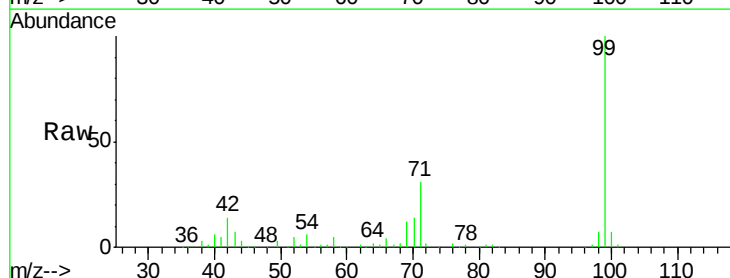
Tgt Ion: 77 Resp: 159

Ion Ratio Lower Upper

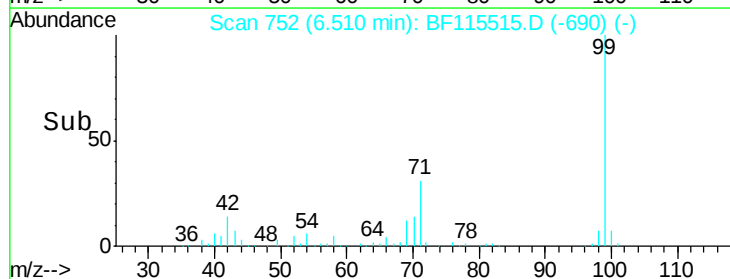
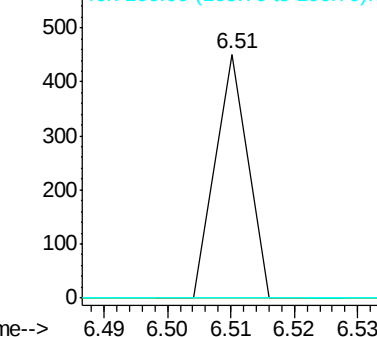
77 100

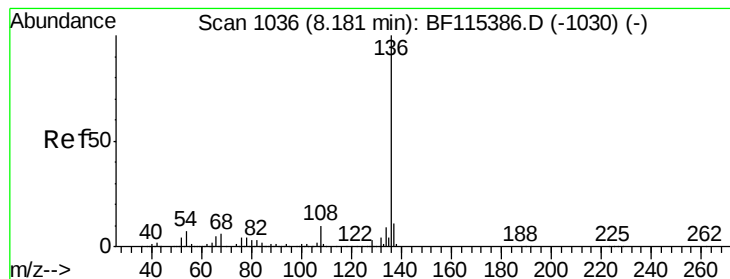
105 0.0 82.9 122.9#

106 0.0 77.8 117.8#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115515.D

Acq: 12 Jul 2019 00:41

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 592917

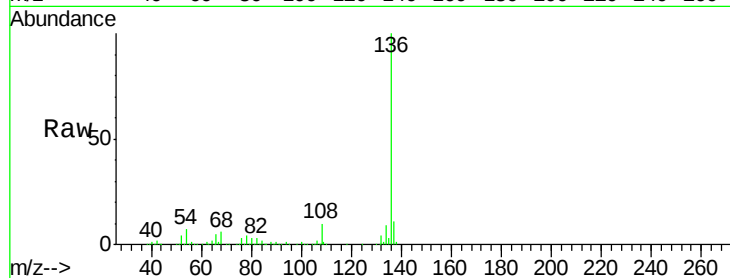
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.1 5.4 8.0

68 6.5 4.8 7.2

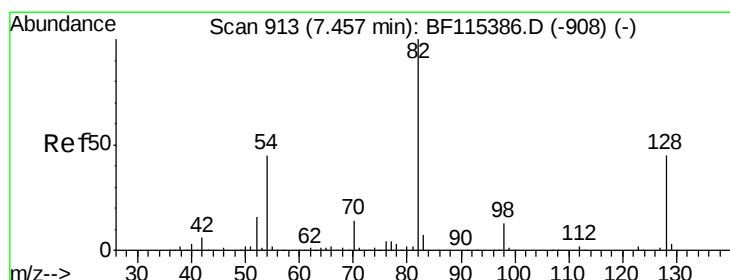
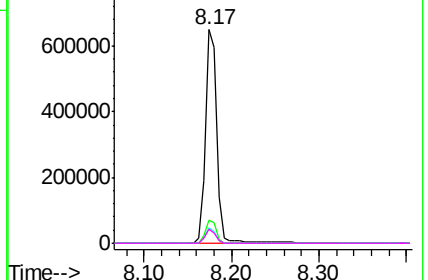
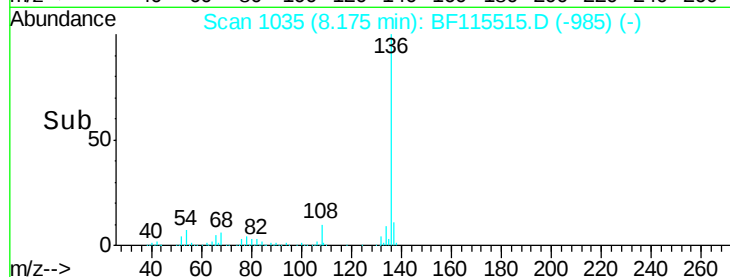


Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.389 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF115515.D

Acq: 12 Jul 2019 00:41

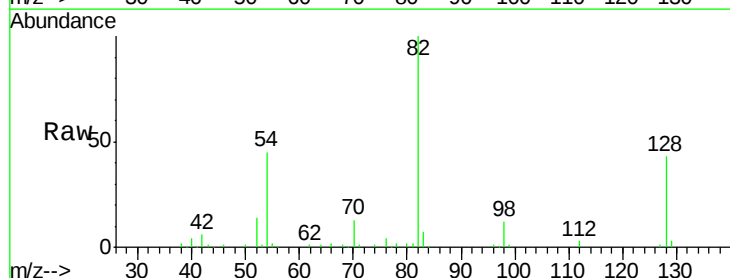
Tgt Ion: 82 Resp: 104258

Ion Ratio Lower Upper

82 100

128 43.1 36.7 55.1

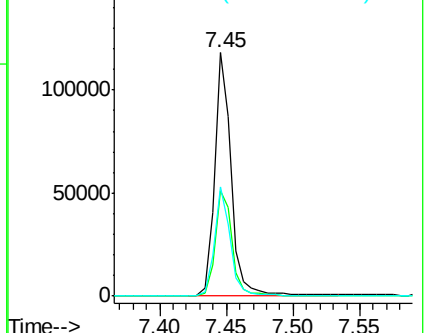
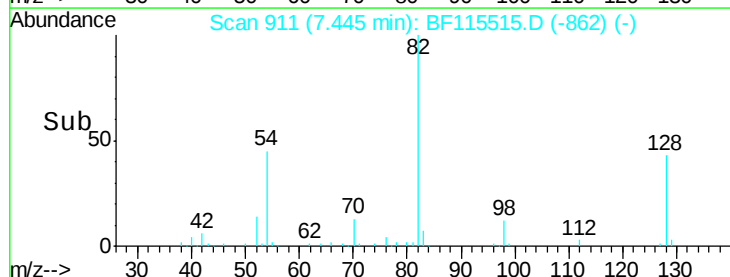
54 45.0 35.6 53.4

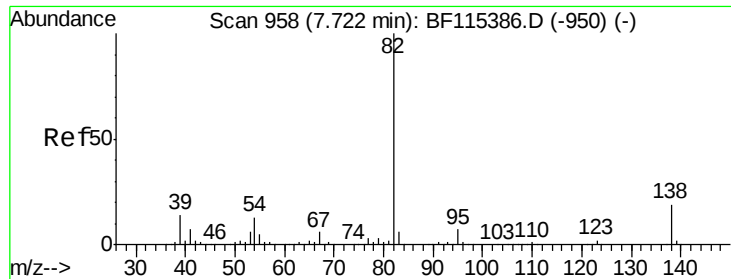


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

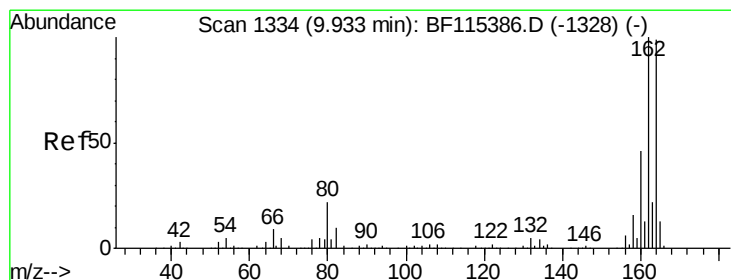
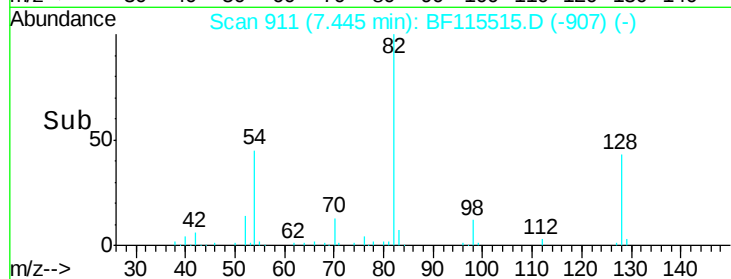
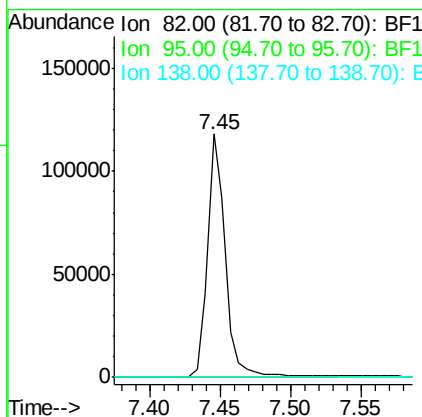
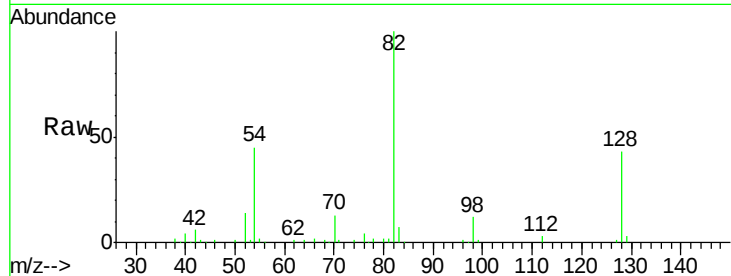




#25
Isophorone
Concen: 4.793 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.28 min
Lab File: BF115515.D
Acq: 12 Jul 2019 00:41

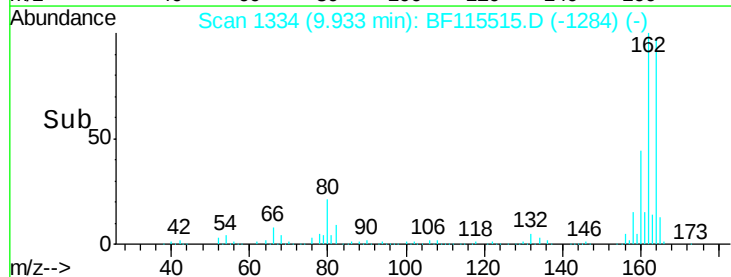
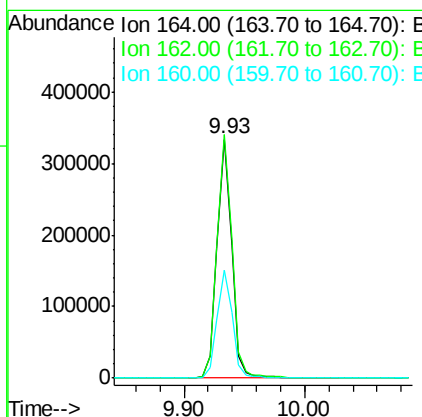
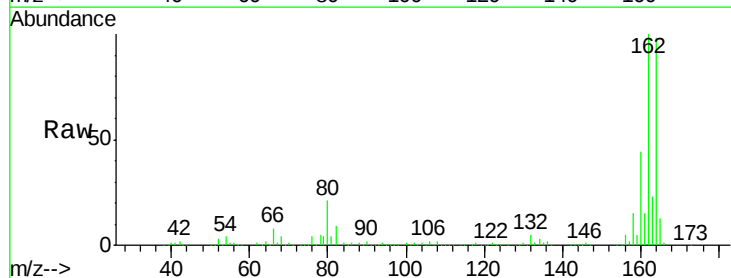
Instrument :
BNA_F
ClientSampleId :

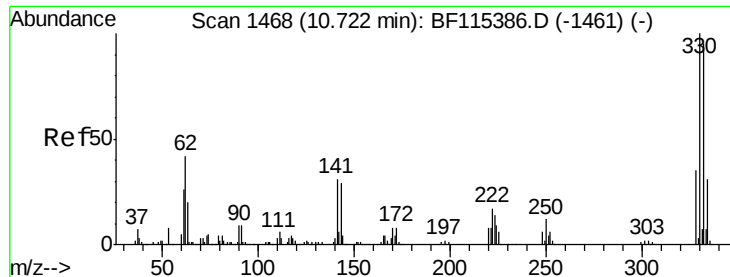
Tot Ion: 82 Resp: 104257
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115515.D
Acq: 12 Jul 2019 00:41

Tgt Ion:164 Resp: 278472
Ion Ratio Lower Upper
164 100
162 102.1 82.3 123.5
160 45.4 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 13.917 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF115515.D

Acq: 12 Jul 2019 00:41

Instrument :

BNA_F

ClientSampleId :

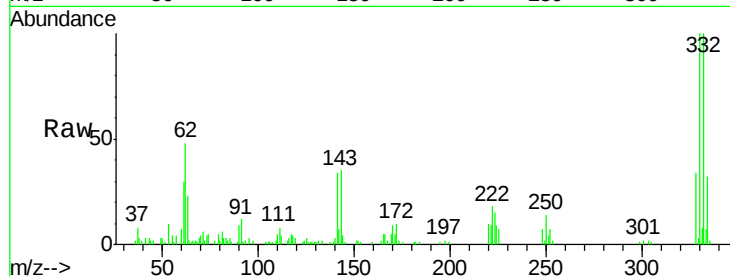
Tot Ion:330 Resp: 42850

Ion Ratio Lower Upper

330 100

332 98.4 77.4 116.0

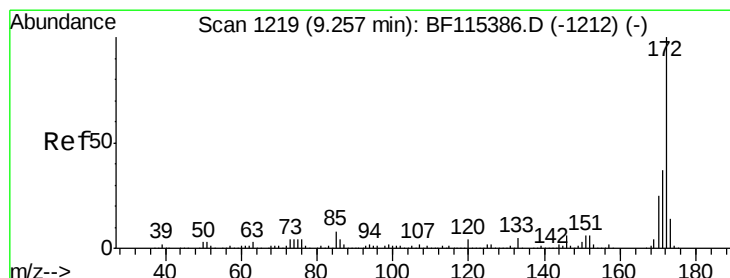
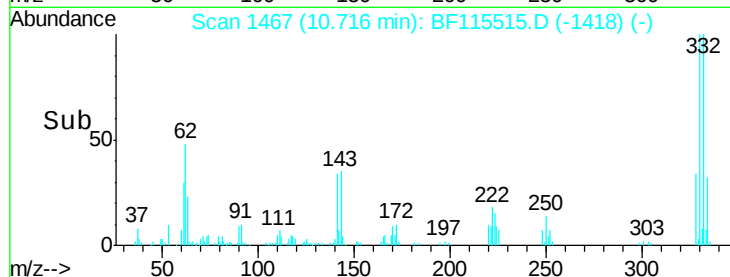
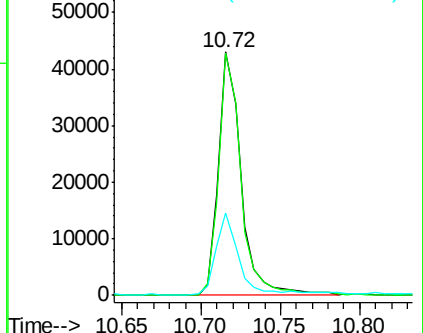
141 34.7 24.7 37.1



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: 14.253 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF115515.D

Acq: 12 Jul 2019 00:41

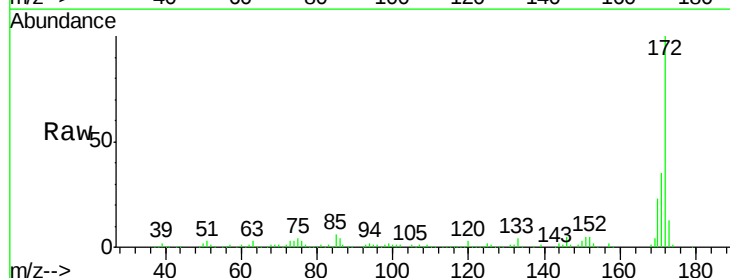
Tgt Ion:172 Resp: 226193

Ion Ratio Lower Upper

172 100

171 34.7 29.8 44.8

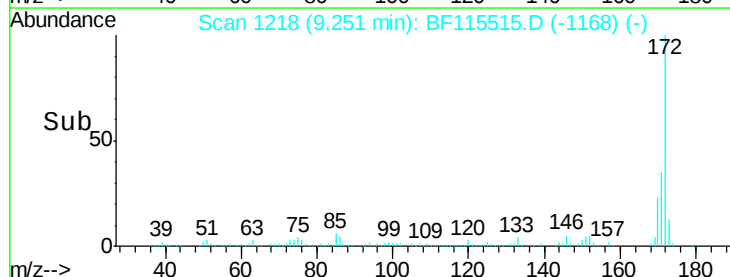
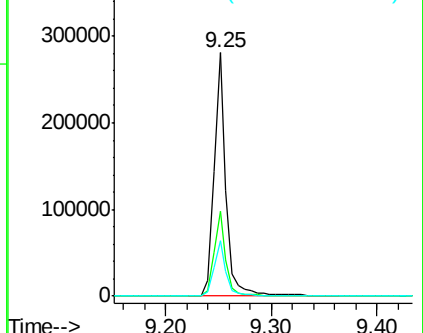
170 22.9 20.0 30.0

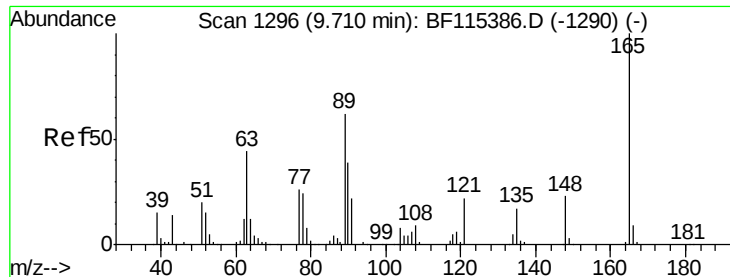


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

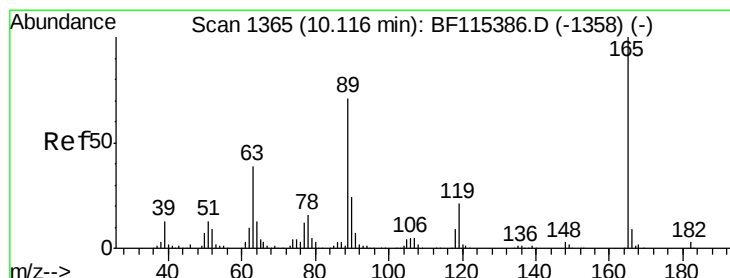
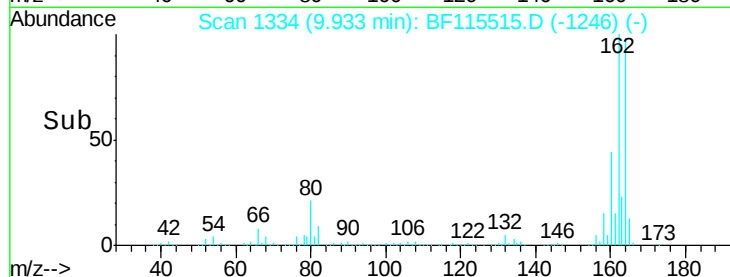
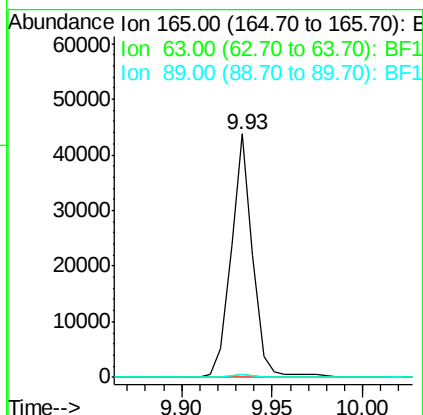
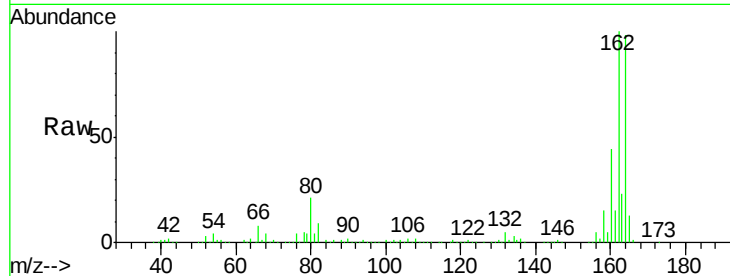




#51
 2,6-Dinitrotoluene
 Concen: 7.981 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.22 min
 Lab File: BF115515.D
 Acq: 12 Jul 2019 00:41

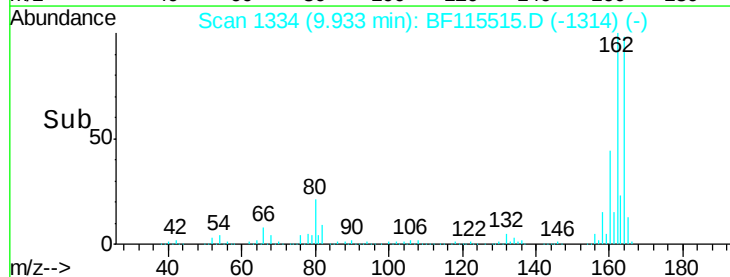
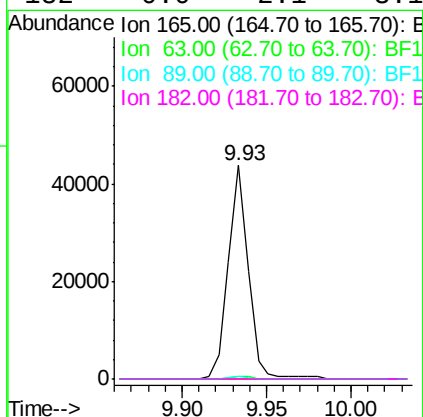
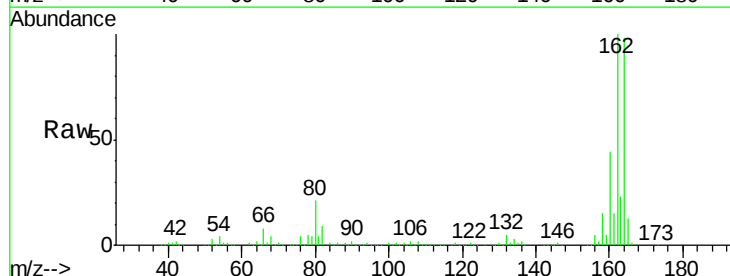
Instrument :
 BNA_F
 ClientSampleId :

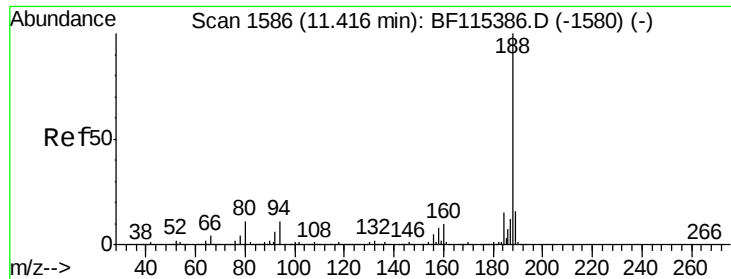
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.7	59.5#
89	1.2	42.8	64.2#



#57
 2,4-Dinitrotoluene
 Concen: 6.280 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.18 min
 Lab File: BF115515.D
 Acq: 12 Jul 2019 00:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.0	49.4#
89	1.2	58.5	87.7#
182	0.0	2.1	3.1#

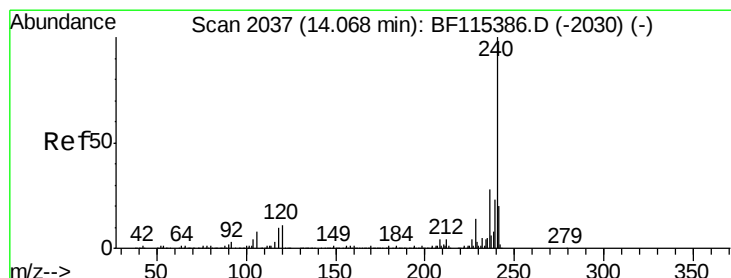
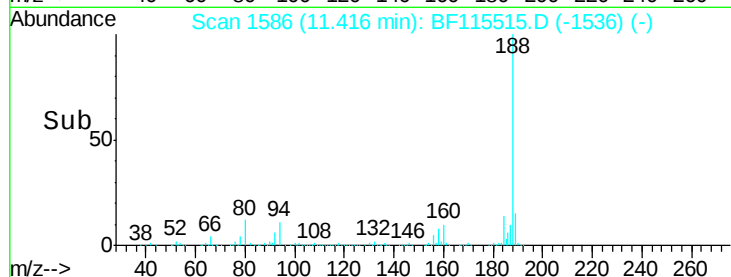
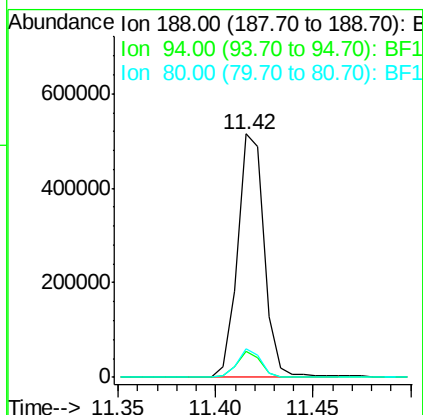
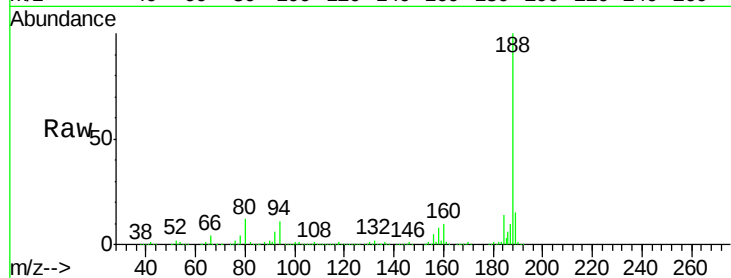




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115515.D
Acq: 12 Jul 2019 00:41

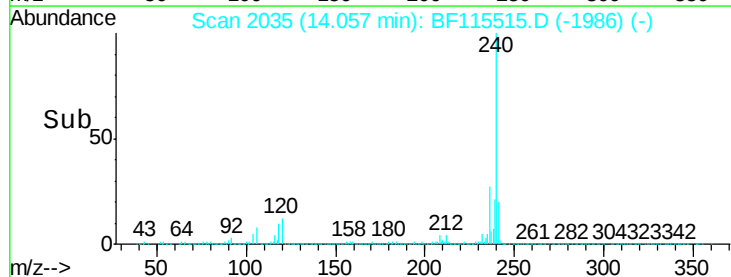
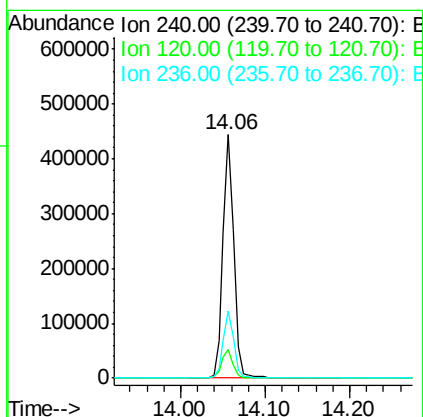
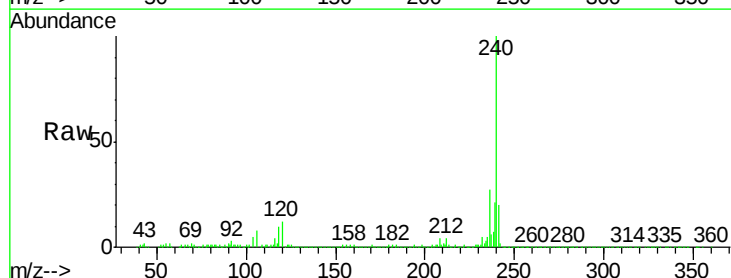
Instrument :
BNA_F
ClientSampleId :

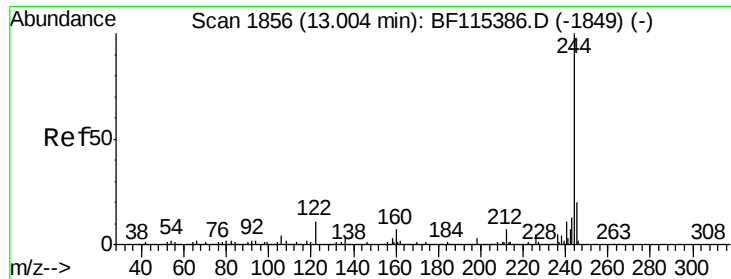
Tot Ion:188 Resp: 485924
Ion Ratio Lower Upper
188 100
94 10.6 7.8 11.8
80 11.6 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF115515.D
Acq: 12 Jul 2019 00:41

Tgt Ion:240 Resp: 402584
Ion Ratio Lower Upper
240 100
120 11.8 10.2 15.4
236 27.4 21.1 31.7





#79

Terphenyl-d14

Concen: 11.781 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF115515.D

Acq: 12 Jul 2019 00:41

Instrument :

BNA_F

ClientSampleId :

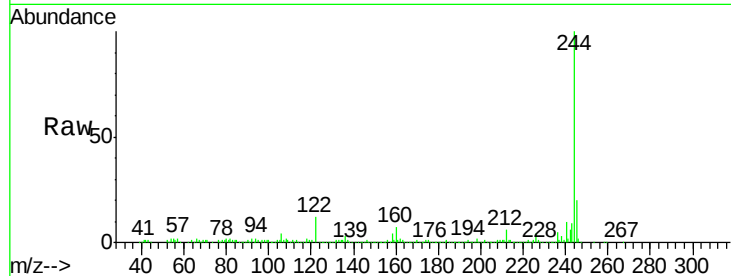
Tot Ion:244 Resp: 231643

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

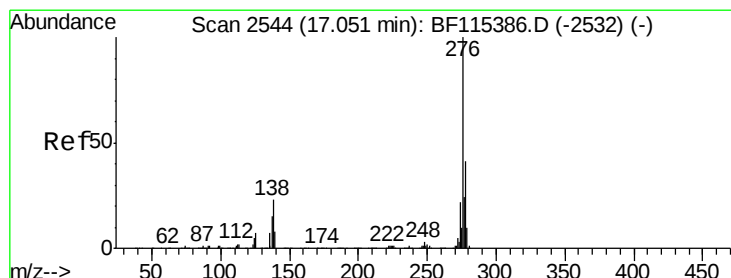
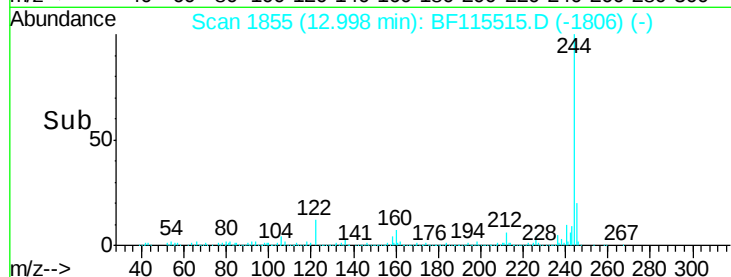
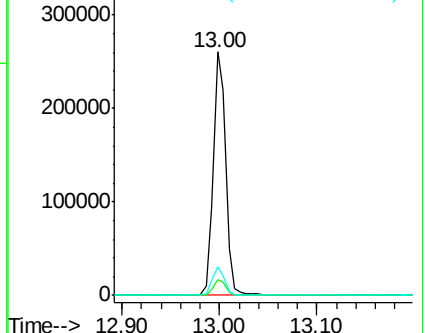
122 11.8 9.1 13.7



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



#86

Indeno(1,2,3-cd)pyrene

Concen: Below Cal

RT: 17.02 min Scan# 2538

Delta R.T. -0.04 min

Lab File: BF115515.D

Acq: 12 Jul 2019 00:41

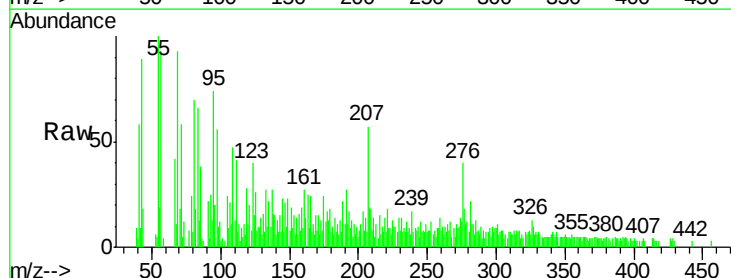
Tgt Ion:276 Resp: 7288

Ion Ratio Lower Upper

276 100

138 29.2 20.6 31.0

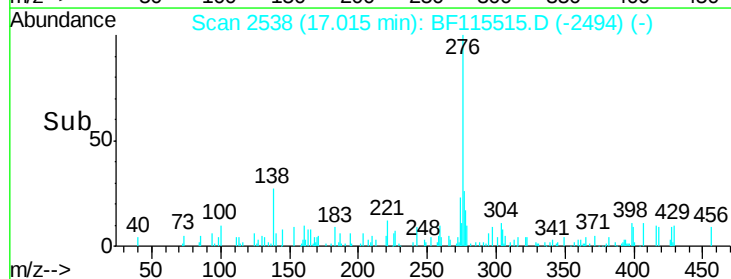
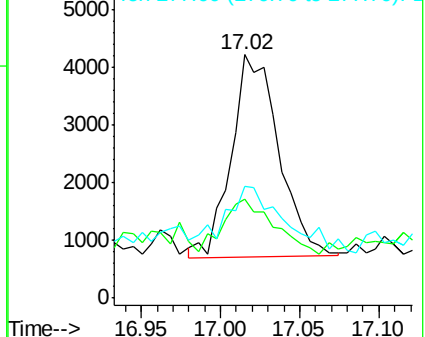
277 40.9 20.2 30.2#

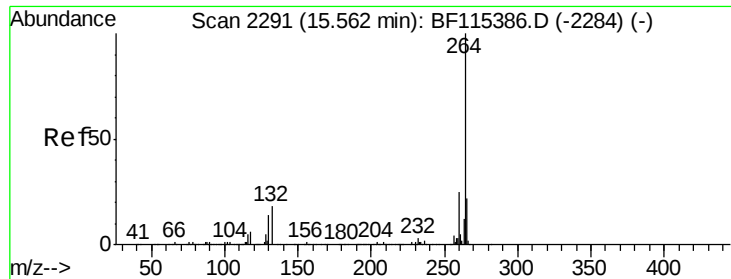


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

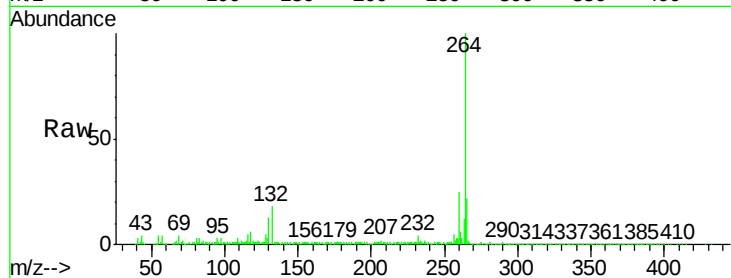




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.02 min
 Lab File: BF115515.D
 Acq: 12 Jul 2019 00:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	361490
Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	22.0	17.8	26.6



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

