

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115937.D
 Acq On : 2 Aug 2019 10:54
 Operator : HP/JU
 Sample : PB121887BL
 Misc : LOO-WATER-10PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BL

Quant Time: Aug 02 16:43:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

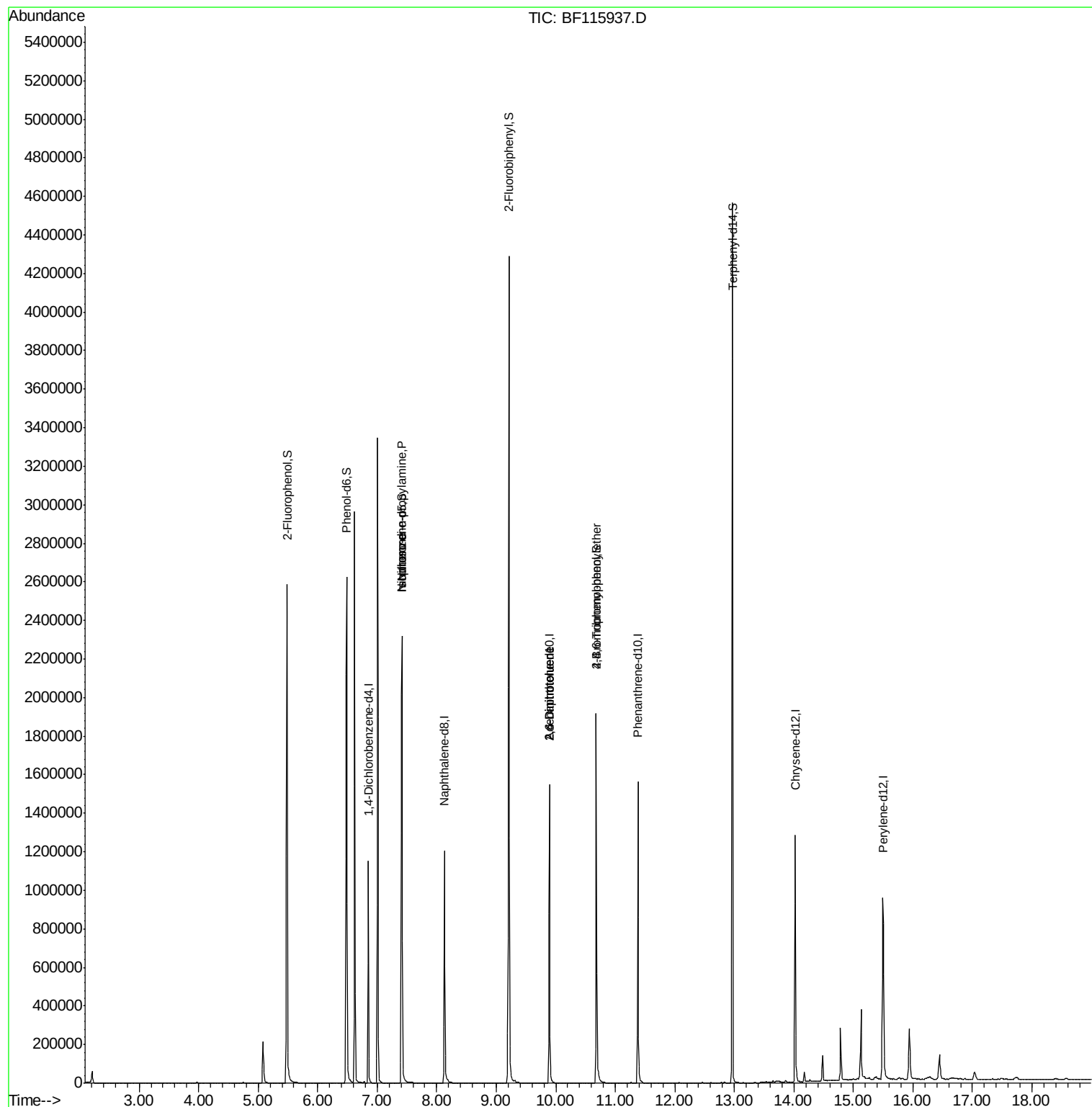
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	157385	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	611921	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	327564	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	589010	20.00	ng	0.00
76) Chrysene-d12	14.02	240	455468	20.00	ng	0.00
87) Perylene-d12	15.49	264	422577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	790205	84.05	ng	0.02
7) Phenol-d6	6.49	99	998971	84.22	ng	0.00
23) Nitrobenzene-d5	7.42	82	943965	89.05	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	271947	85.63	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1573996	90.00	ng	0.00
79) Terphenyl-d14	12.97	244	1702398	78.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	124595	16.951	ng	# 78
25) Isophorone	7.42	82	936662	46.208	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	41625	8.588	ng	# 28
57) 2,4-Dinitrotoluene	9.89	165	41626	6.450	ng	# 24
67) 4-Bromophenyl-phenylether	10.68	248	16939	2.686	ng	# 1

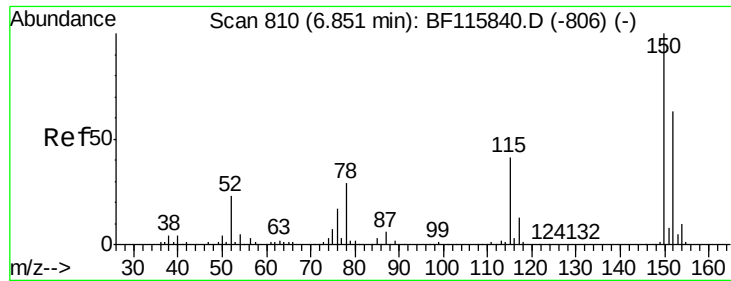
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115937.D
Acq On : 2 Aug 2019 10:54
Operator : HP/JU
Sample : PB121887BL
Misc : L00-WATER-10PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121887BL

Quant Time: Aug 02 16:43:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration



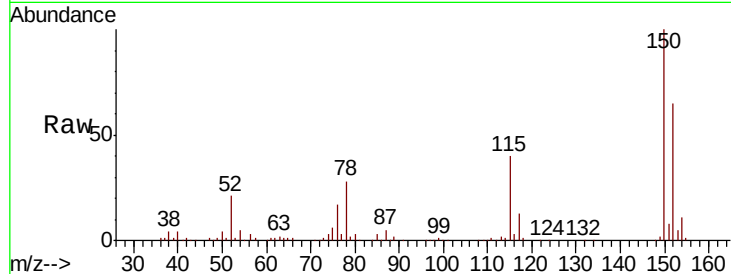


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF115937.D
 Acq: 2 Aug 2019 10:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	127.4	191.0
115	61.6	51.8	77.8

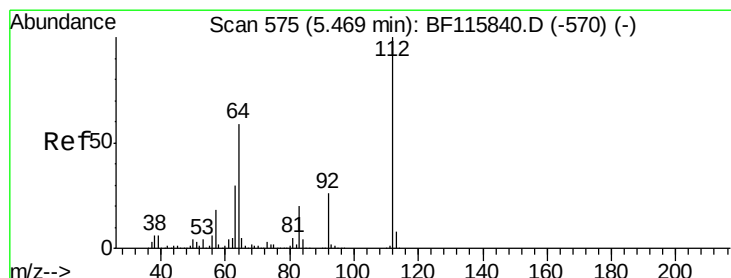
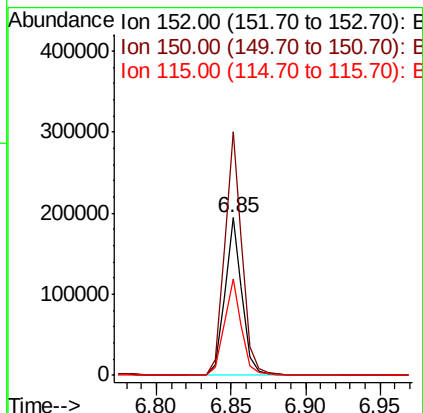
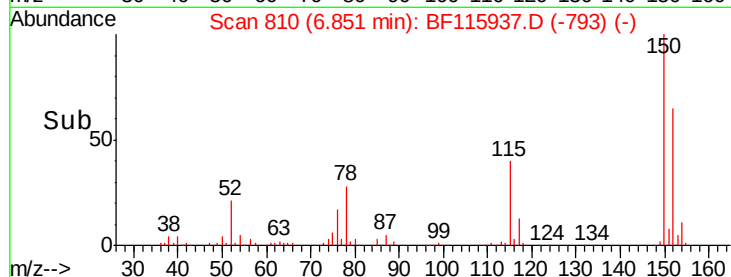


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

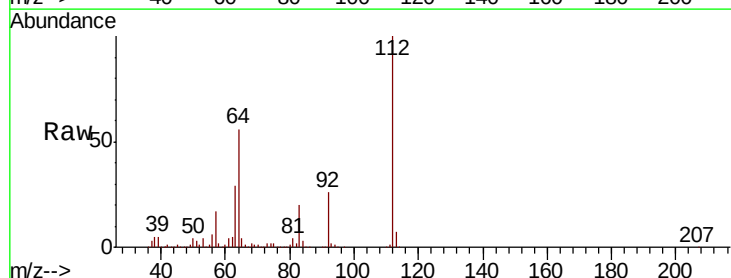
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 84.052 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.02 min
 Lab File: BF115937.D
 Acq: 2 Aug 2019 10:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	46.8	70.2
63	29.1	24.2	36.2

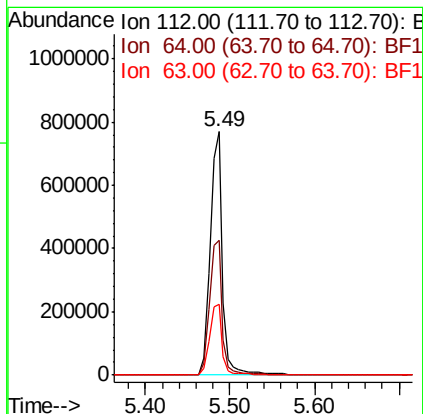
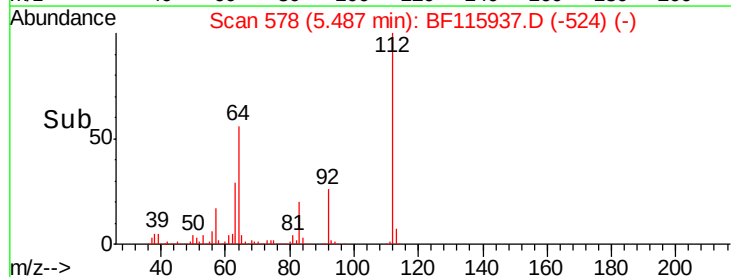


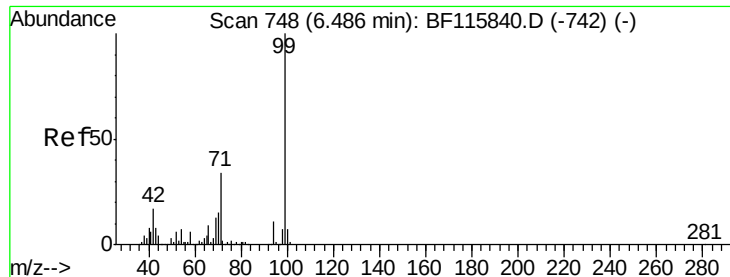
Abundance

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: 84.220 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF115937.D

Acq: 2 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

PB121887BL

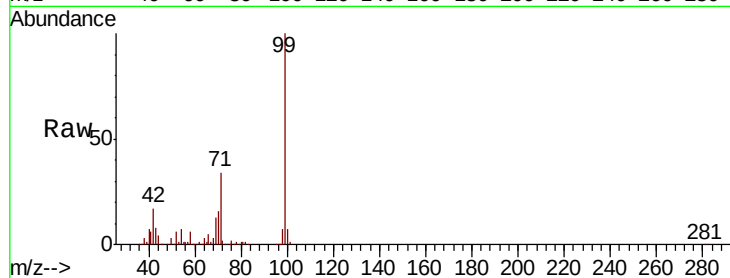
Tot Ion: 99 Resp: 998971

Ion Ratio Lower Upper

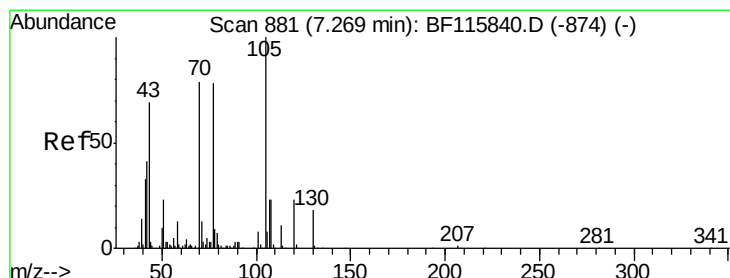
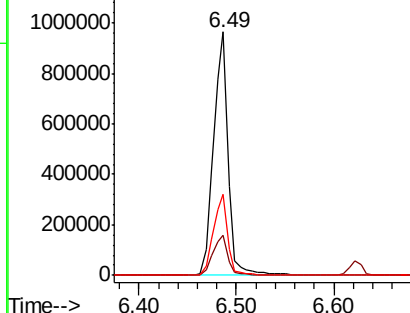
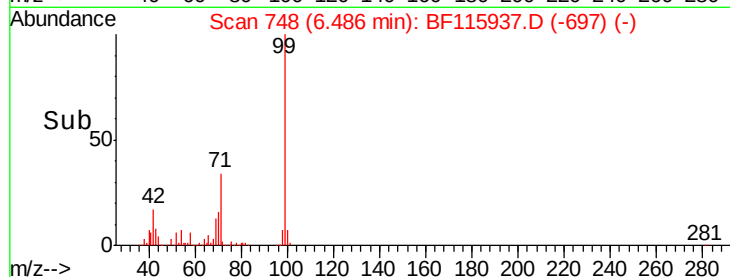
99 100

42 16.7 13.8 20.6

71 33.5 27.1 40.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.951 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF115937.D

Acq: 2 Aug 2019 10:54

Tgt Ion: 70 Resp: 124595

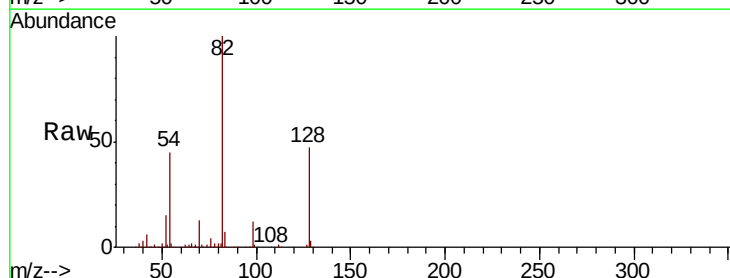
Ion Ratio Lower Upper

70 100

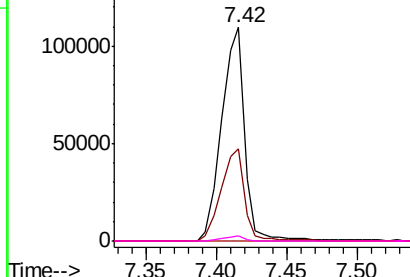
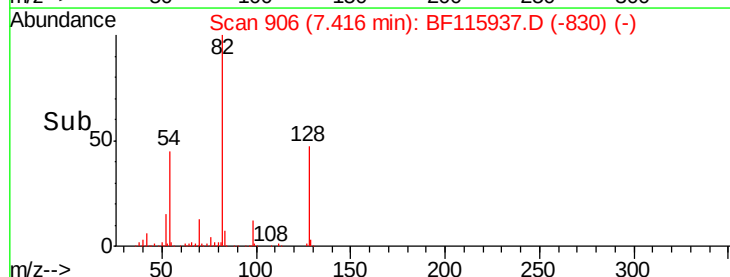
42 43.1 41.8 62.8

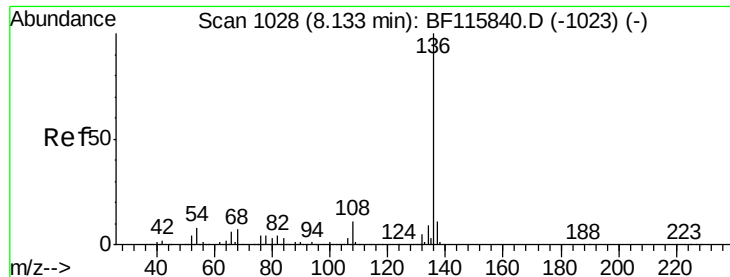
101 0.0 7.7 11.5#

130 2.4 17.8 26.6#



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

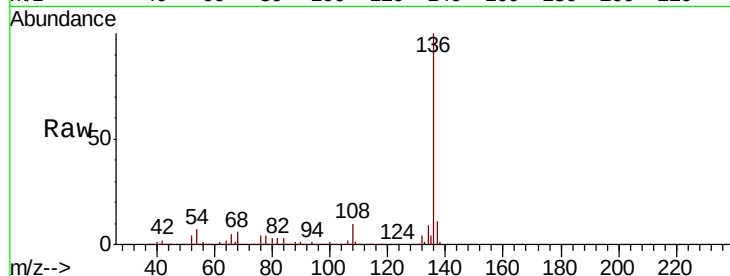




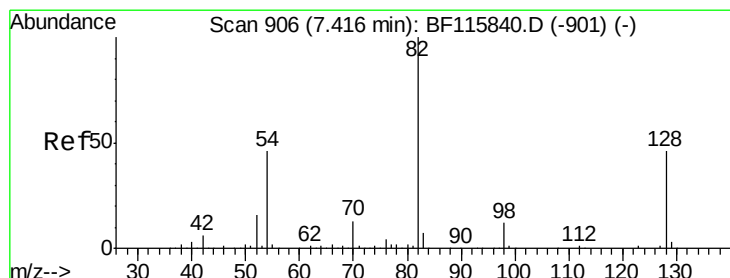
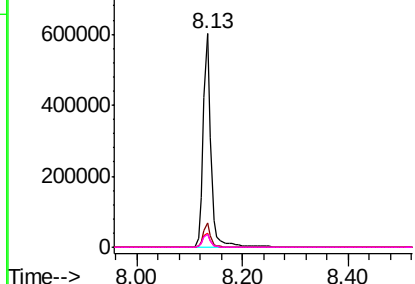
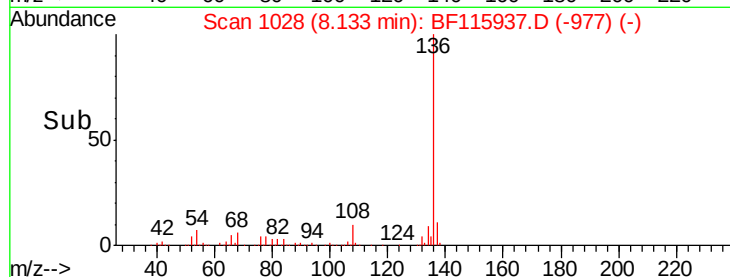
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF115937.D
Acq: 2 Aug 2019 10:54

Instrument :
BNA_F
ClientSampleId :
PB121887BL

Tot Ion:136	Resp:	611921
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.1 13.7
54	6.8	6.1 9.1
68	6.0	5.4 8.2

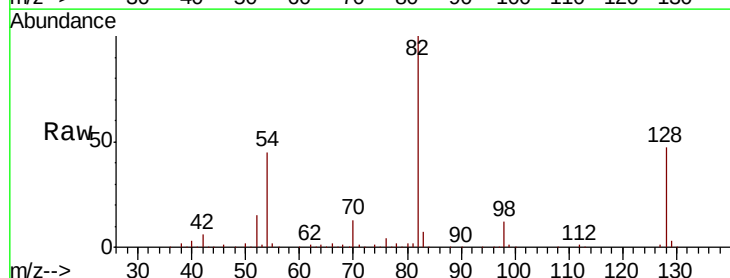


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

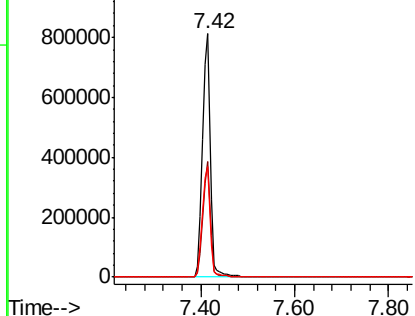
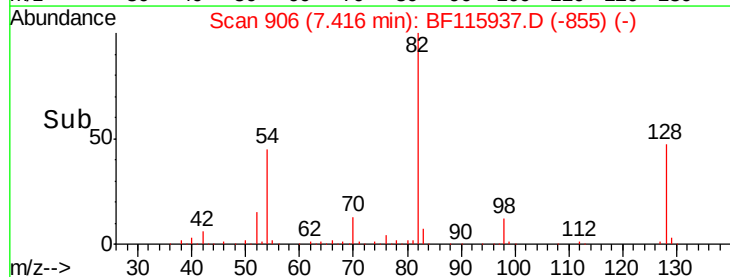


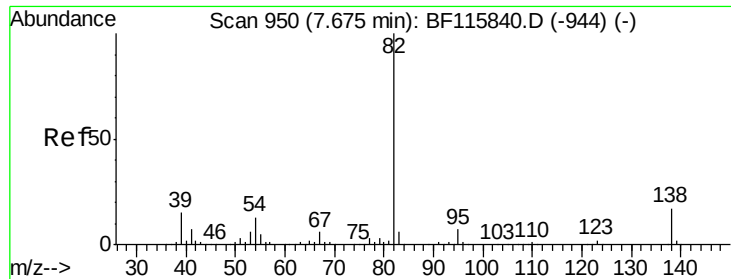
#23
Nitrobenzene-d5
Concen: 89.045 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF115937.D
Acq: 2 Aug 2019 10:54

Tgt Ion: 82	Resp:	943965
Ion	Ratio	Lower Upper
82	100	
128	47.3	36.6 55.0
54	45.1	36.6 55.0



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: 46.208 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF115937.D

Acq: 2 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

PB121887BL

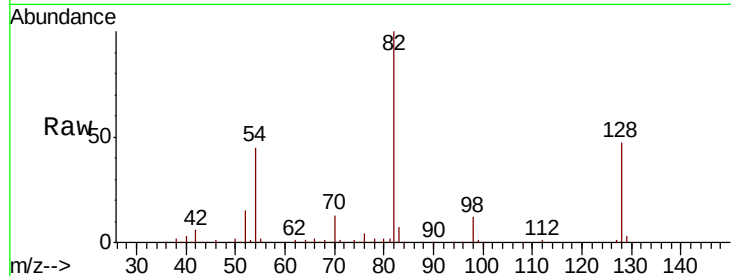
Tot Ion: 82 Resp: 936662

Ion Ratio Lower Upper

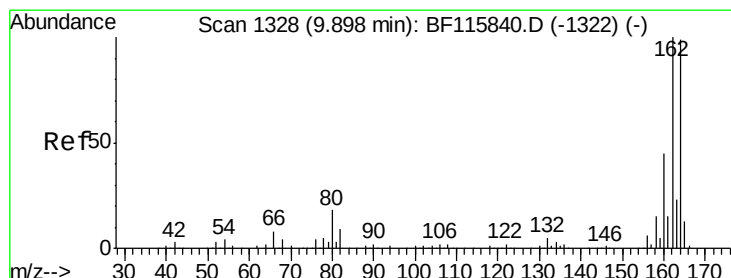
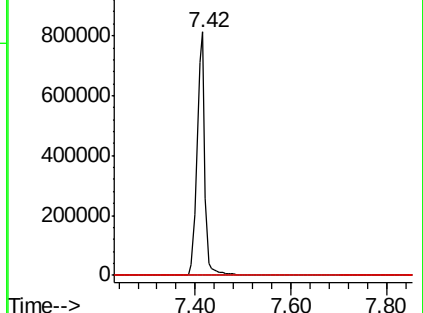
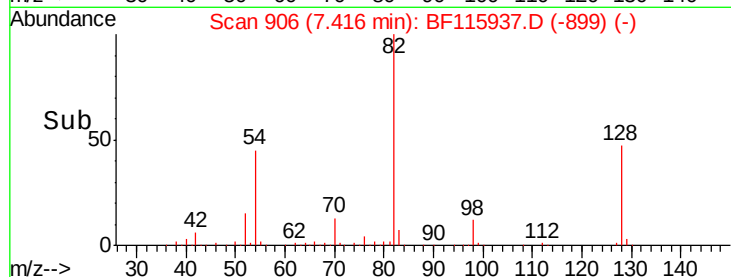
82 100

95 0.0 5.5 8.3#

138 0.0 13.9 20.9#



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115937.D

Acq: 2 Aug 2019 10:54

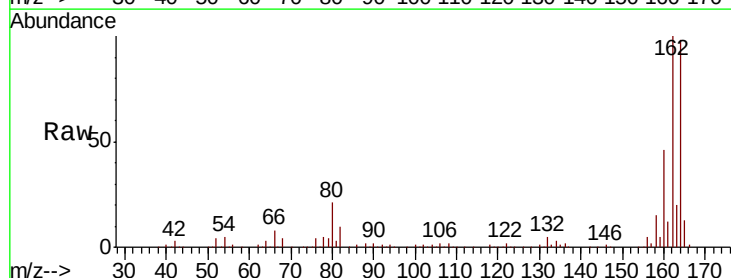
Tgt Ion:164 Resp: 327564

Ion Ratio Lower Upper

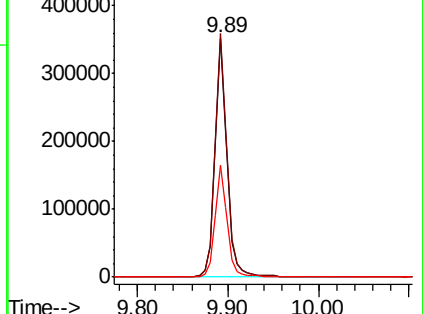
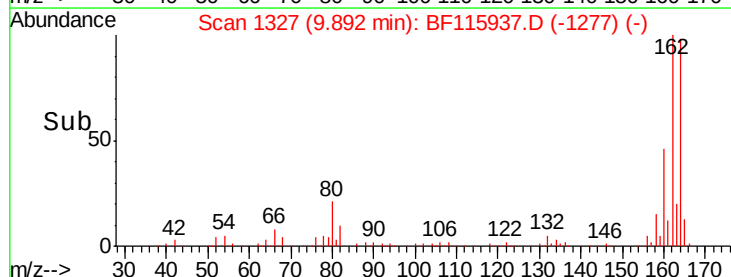
164 100

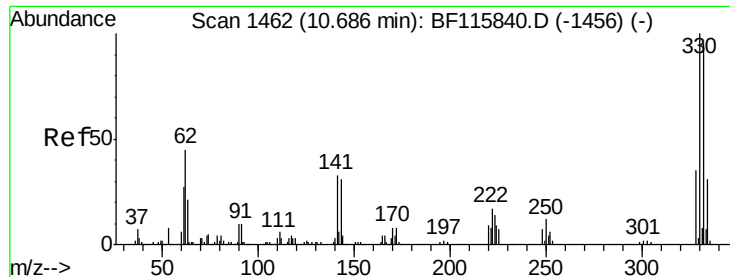
162 102.0 80.8 121.2

160 47.0 36.2 54.4



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: 85.630 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BF115937.D

Acq: 2 Aug 2019 10:54

Instrument :

BNA_F

ClientSampleId :

PB121887BL

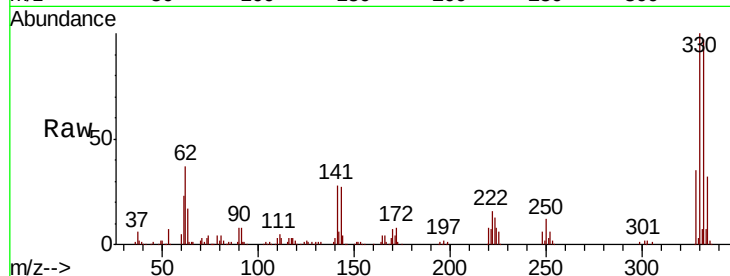
Tot Ion:330 Resp: 271947

Ion Ratio Lower Upper

330 100

332 97.4 77.7 116.5

141 35.2 28.1 42.1

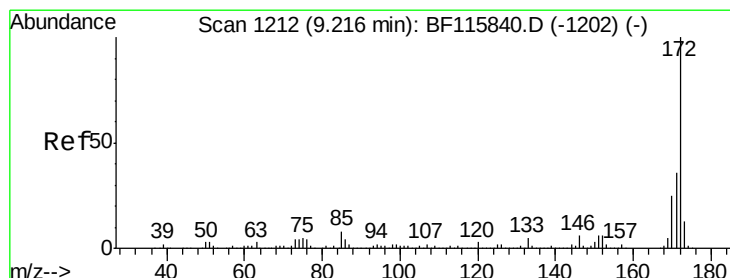
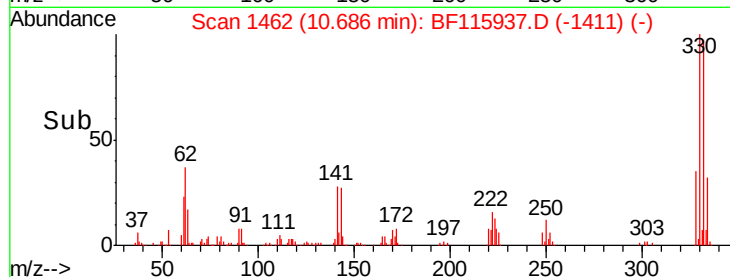
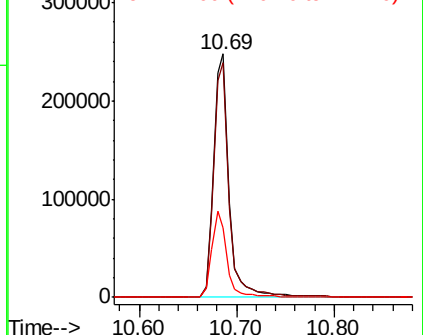


Abundance

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: 90.004 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF115937.D

Acq: 2 Aug 2019 10:54

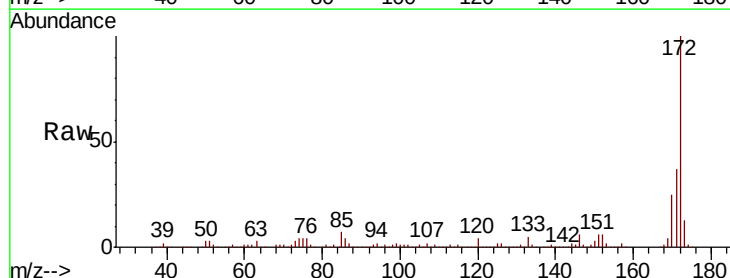
Tgt Ion:172 Resp: 1573996

Ion Ratio Lower Upper

172 100

171 36.7 29.1 43.7

170 24.8 20.1 30.1

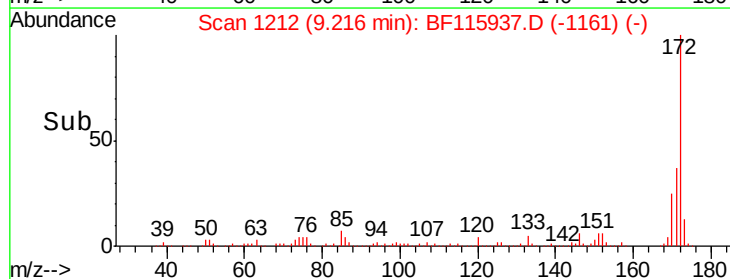
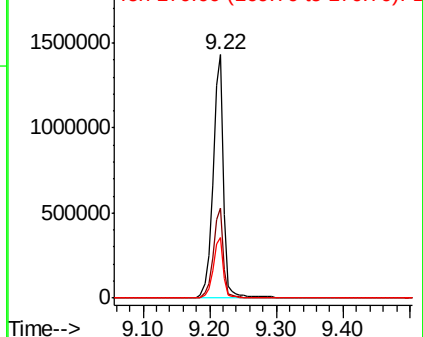


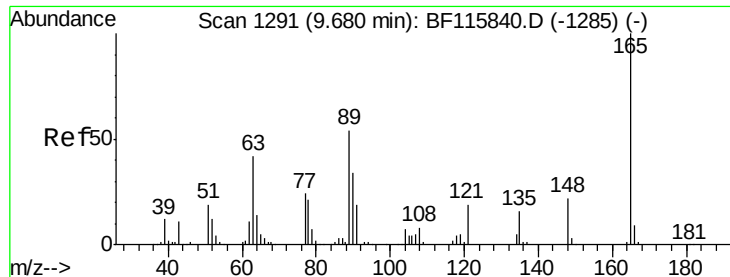
Abundance

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

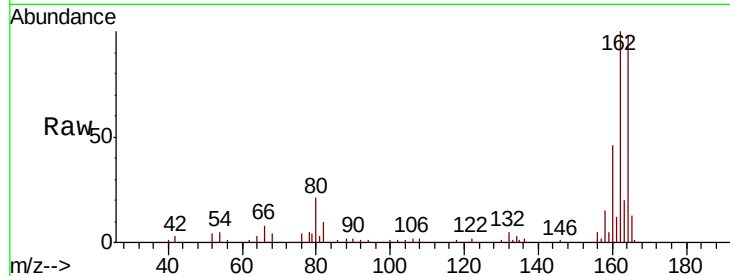




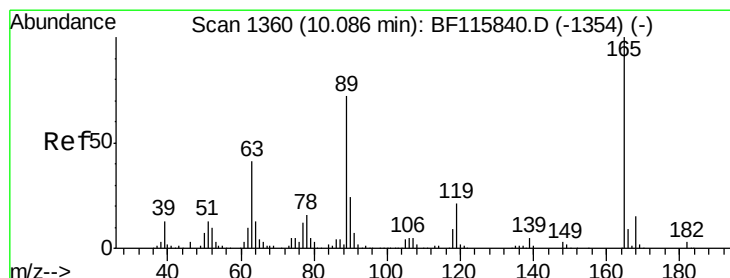
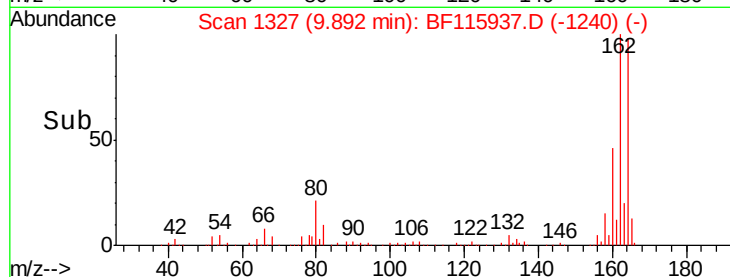
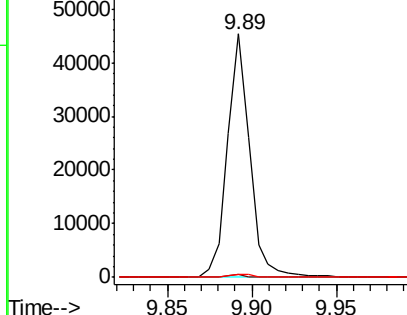
#51
 2,6-Dinitrotoluene
 Concen: 8.588 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF115937.D
 Acq: 2 Aug 2019 10:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.4	59.2#
89	1.2	43.0	64.6#



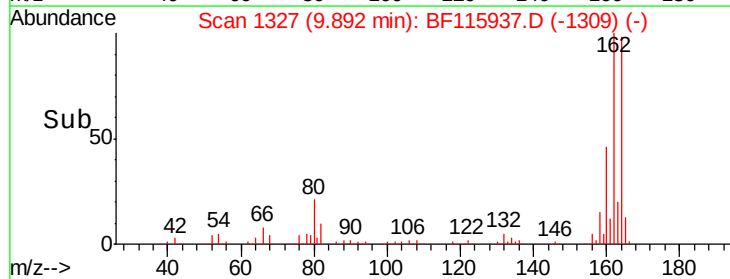
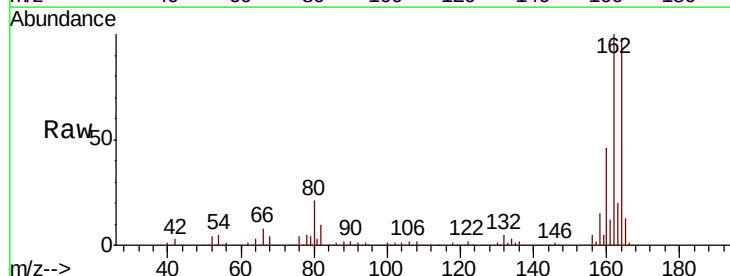
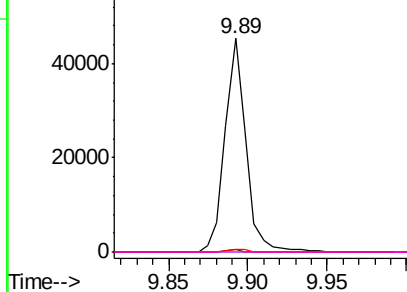
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

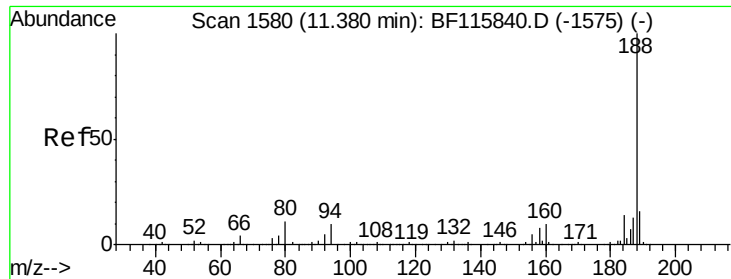


#57
 2,4-Dinitrotoluene
 Concen: 6.450 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF115937.D
 Acq: 2 Aug 2019 10:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.2	49.8#
89	1.2	57.3	85.9#
182	0.0	2.1	3.1#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

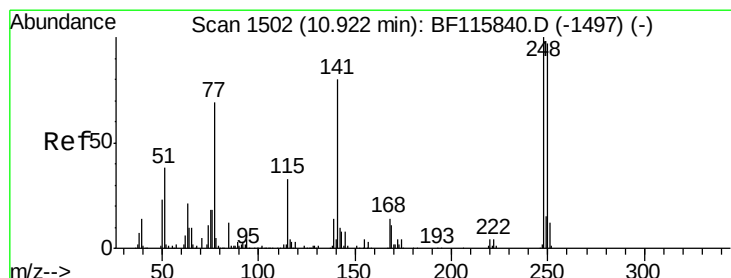
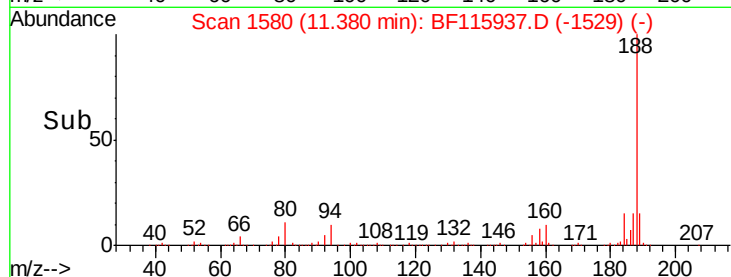
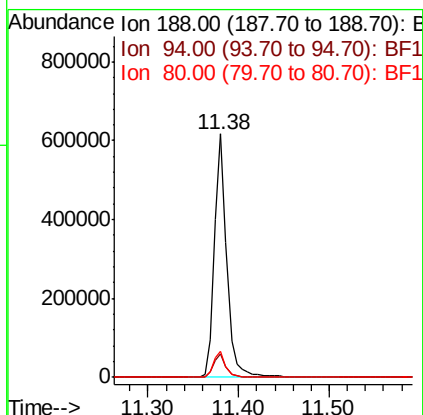
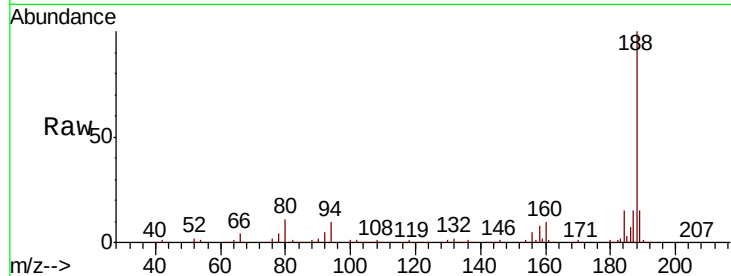




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BF115937.D
 Acq: 2 Aug 2019 10:54

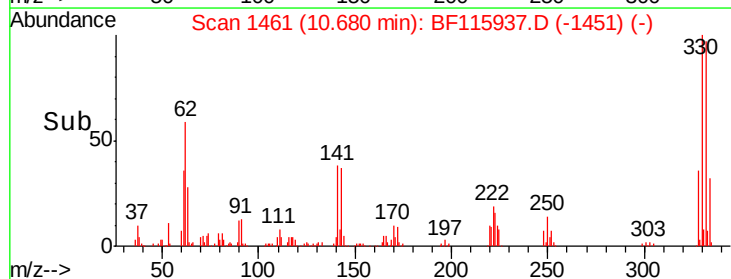
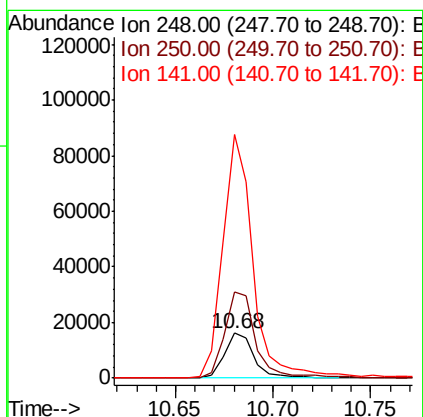
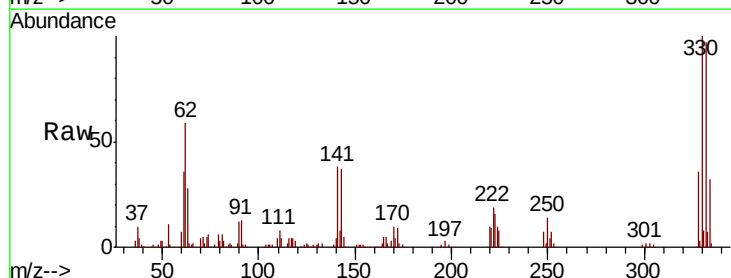
Instrument :
 BNA_F
 ClientSampleId :
 PB121887BL

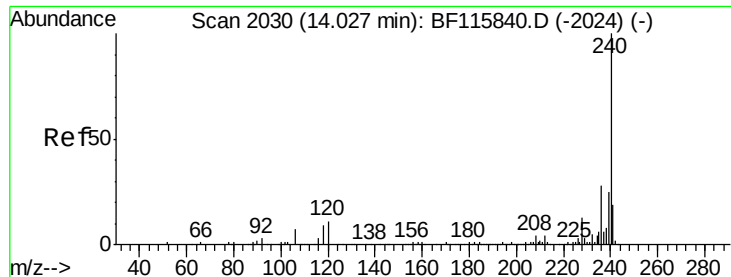
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	10.8	8.6	12.8



#67
 4-Bromophenyl-phenylether
 Concen: 2.686 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF115937.D
 Acq: 2 Aug 2019 10:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	192.4	77.8	116.6#
141	544.8	64.3	96.5#

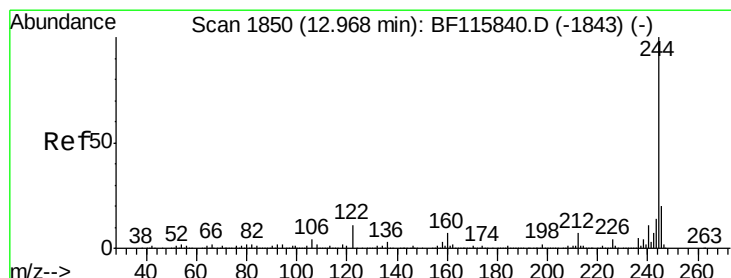
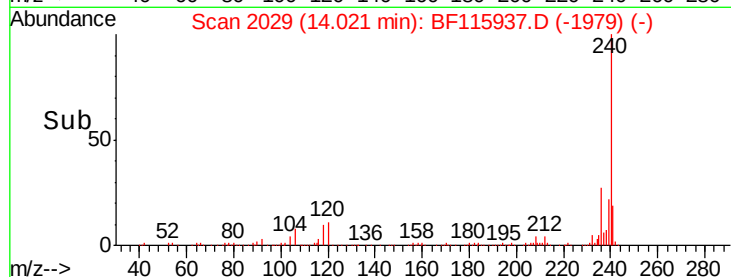
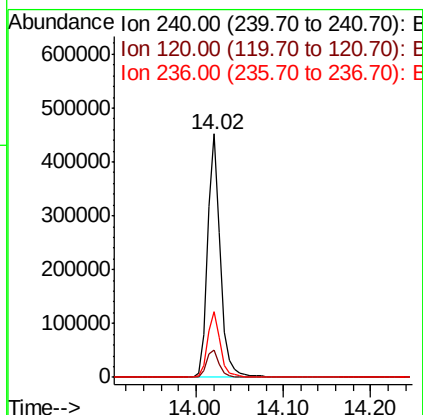
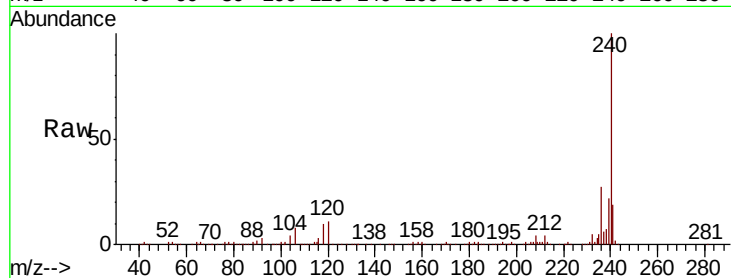




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115937.D
 Acq: 2 Aug 2019 10:54

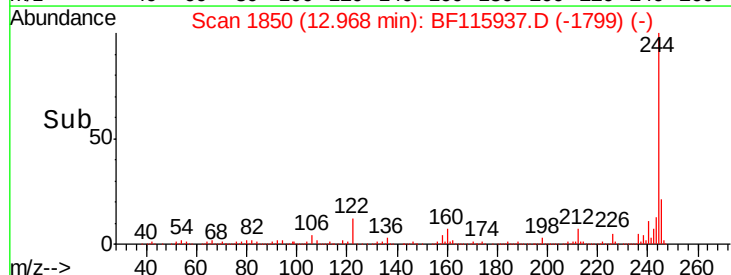
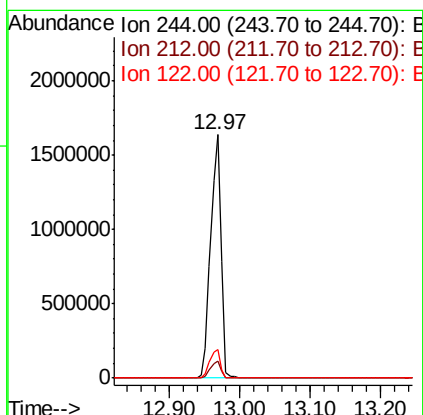
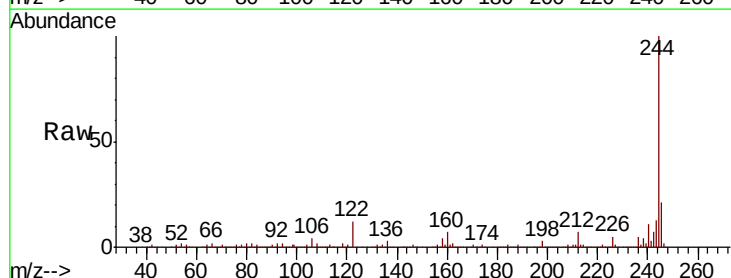
Instrument :
 BNA_F
 ClientSampleId :
 PB121887BL

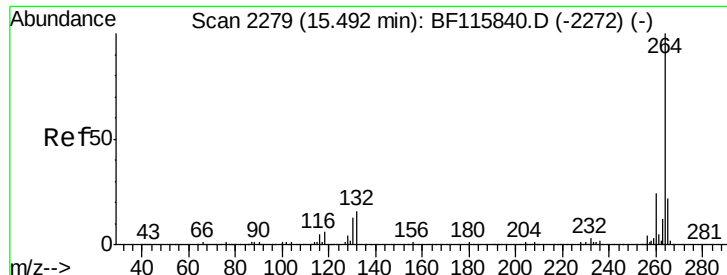
Tot Ion:240 Resp: 455468
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.5 12.7
 236 26.9 22.2 33.2



#79
 Terphenyl-d14
 Concen: 78.759 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF115937.D
 Acq: 2 Aug 2019 10:54

Tgt Ion:244 Resp: 1702398
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 11.5 8.6 13.0

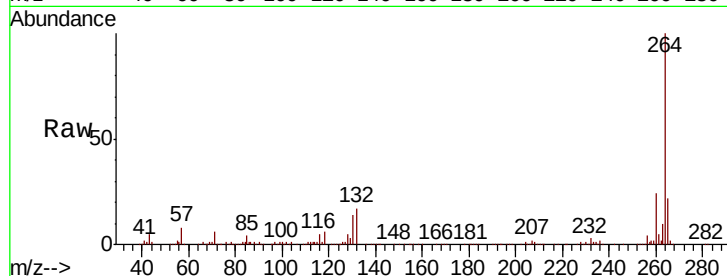




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF115937.D
Acq: 2 Aug 2019 10:54

Instrument :
BNA_F
ClientSampleId :
PB121887BL

Tot Ion:264	Resp:	422577
Ion	Ratio	Lower Upper
264	100	
260	24.1	19.4 29.2
265	21.6	17.5 26.3



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

