

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
 Data File : BF116414.D
 Acq On : 20 Aug 2019 3:20
 Operator : HP/JU
 Sample : K3616-08 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 08:11:40 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

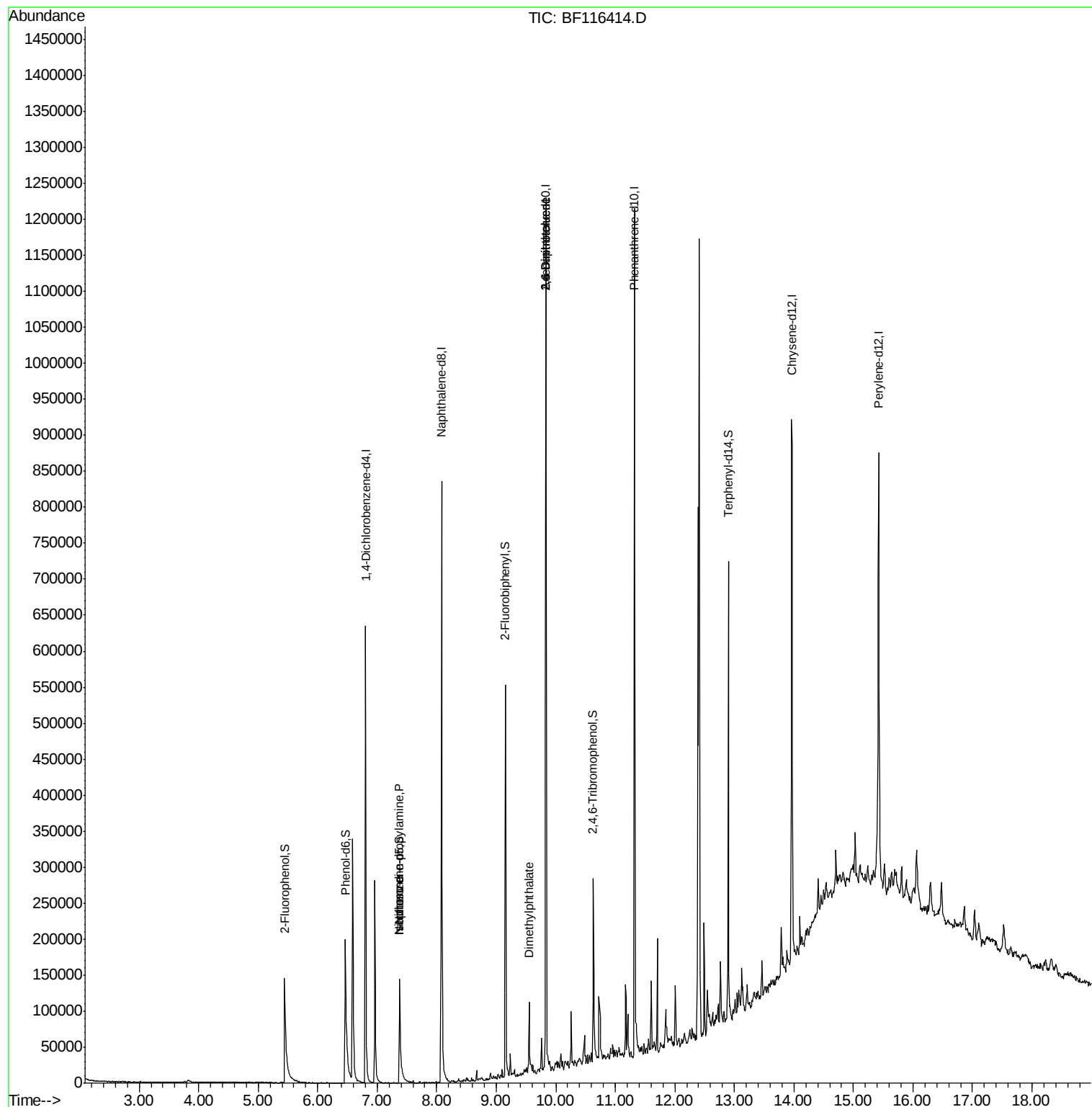
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102943	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	427853	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	234155	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	412231	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	261680	20.00	ng	-0.02
87) Perylene-d12	15.42	264	299047	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	98384	16.00	ng	0.00
7) Phenol-d6	6.46	99	146386	18.87	ng	0.00
23) Nitrobenzene-d5	7.37	82	88185	11.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	37468	16.50	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	188770	15.10	ng	-0.01
79) Terphenyl-d14	12.90	244	190205	15.32	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	10965	2.281	ng	# 84
25) Isophorone	7.37	82	88185	6.222	ng	# 65
50) Dimethylphthalate	9.55	163	33688	2.113	ng	99
51) 2,6-Dinitrotoluene	9.83	165	30596	8.831	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	30709	6.657	ng	# 21

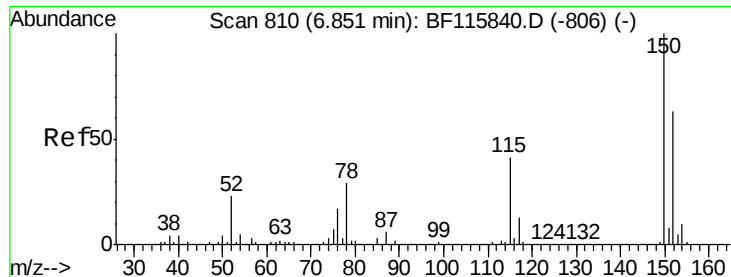
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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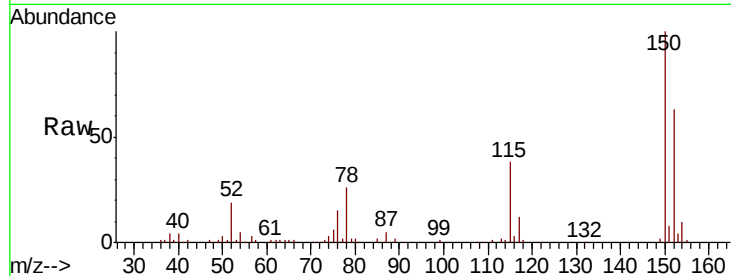


#1

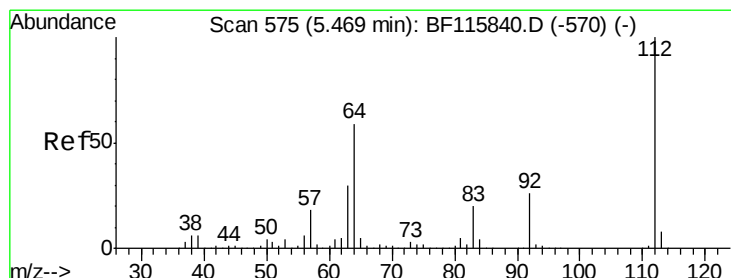
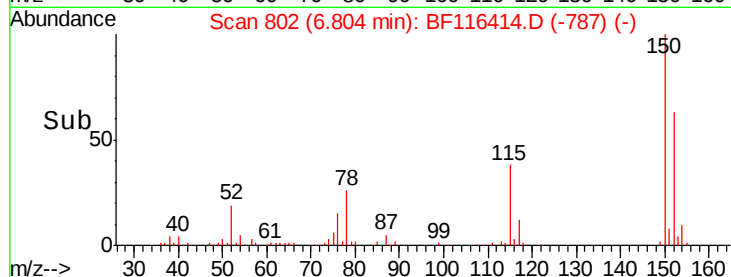
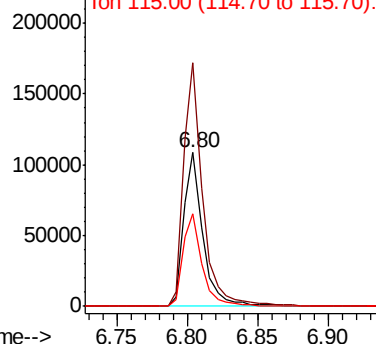
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116414.D
Acq: 20 Aug 2019 3:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102943
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 60.5 49.9 74.9



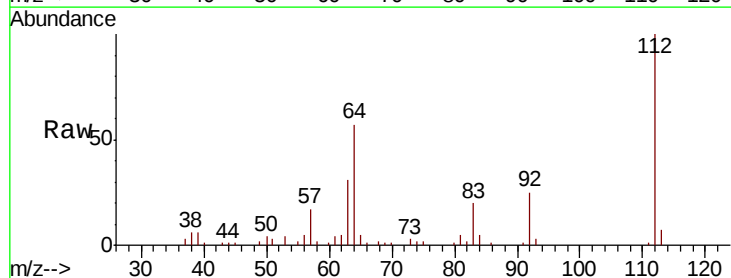
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



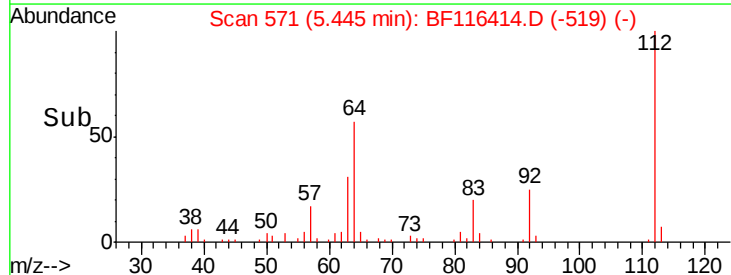
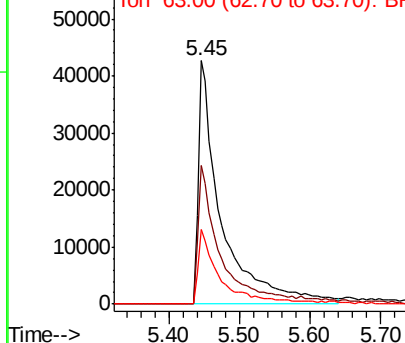
#5

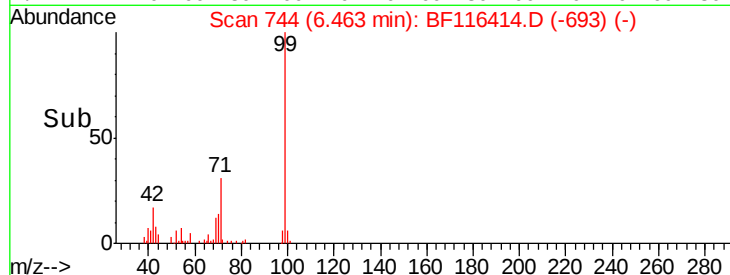
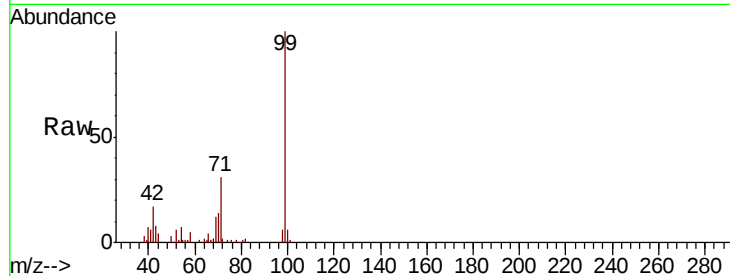
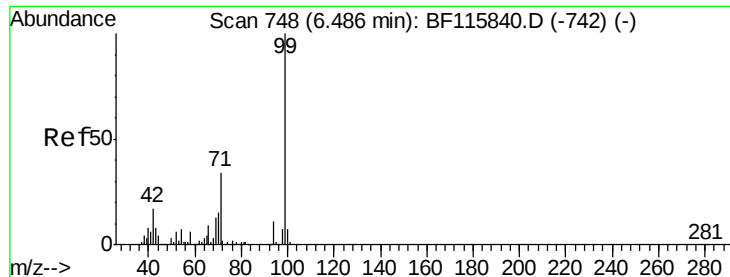
2-Fluorophenol
Concen: 15.999 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF116414.D
Acq: 20 Aug 2019 3:20

Tgt Ion:112 Resp: 98384
Ion Ratio Lower Upper
112 100
64 57.0 45.4 68.2
63 30.7 23.7 35.5



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: 18.868 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF116414.D

Acq: 20 Aug 2019 3:20

Instrument :

BNA_F

ClientSampled :

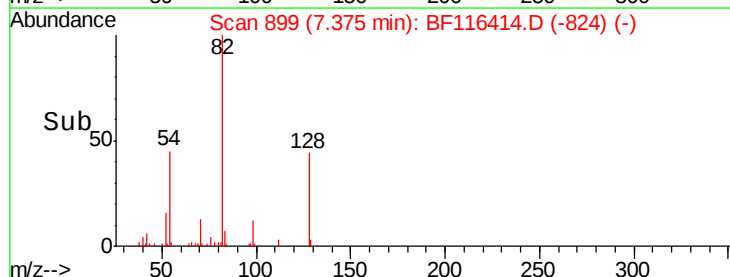
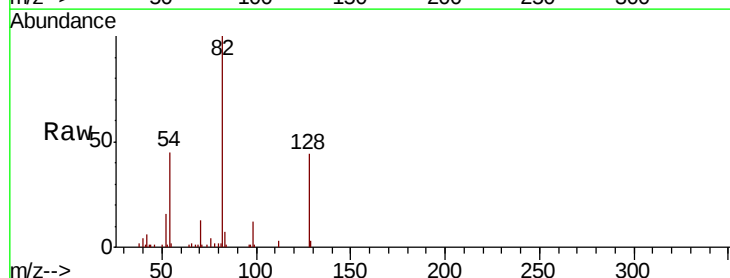
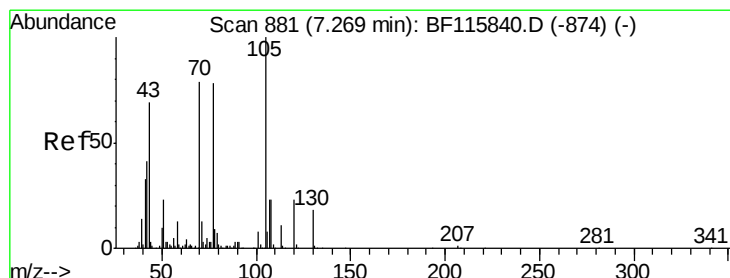
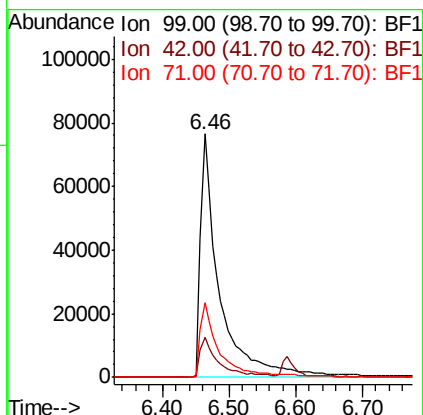
Tot Ion: 99 Resp: 146386

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.8

71 30.9 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 2.281 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF116414.D

Acq: 20 Aug 2019 3:20

Tgt Ion: 70 Resp: 10965

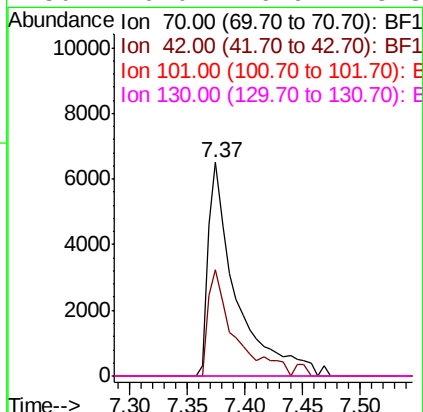
Ion Ratio Lower Upper

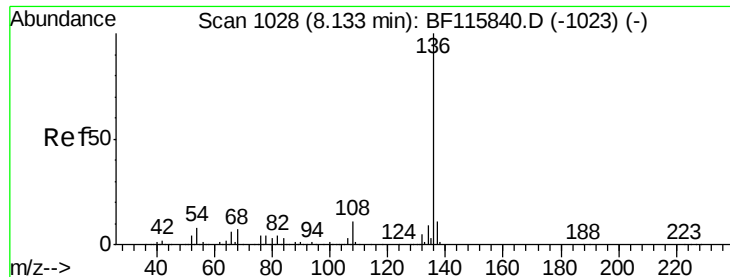
70 100

42 49.9 40.9 61.3

101 0.0 7.9 11.9#

130 0.0 16.9 25.3#

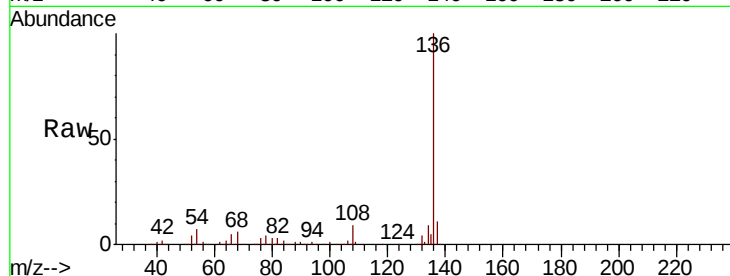




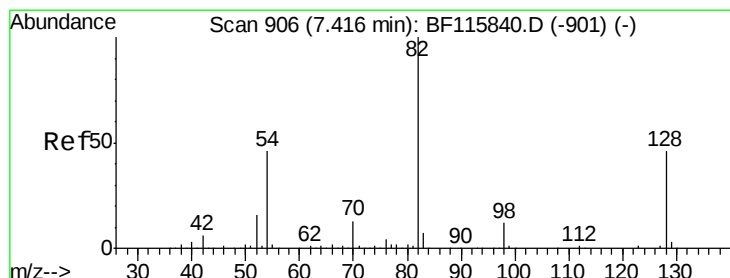
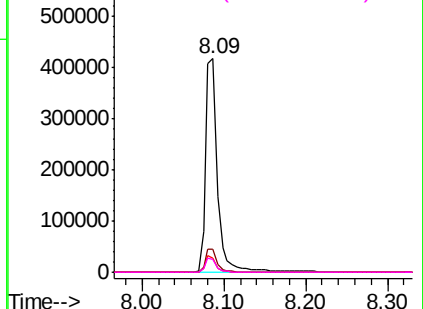
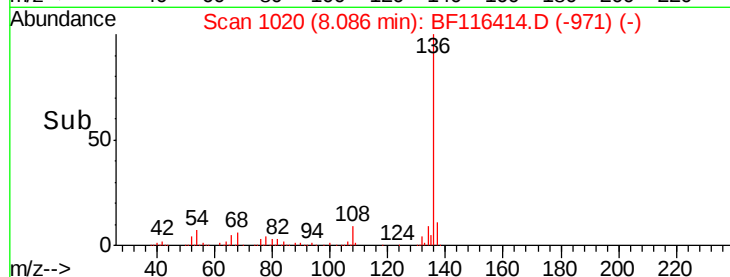
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116414.D
Acq: 20 Aug 2019 3:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	427853	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	9.0	13.4	
54 6.5	5.8	8.6	
68 5.7	5.2	7.8	

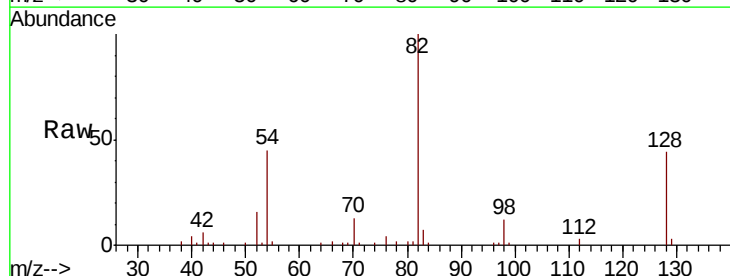


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

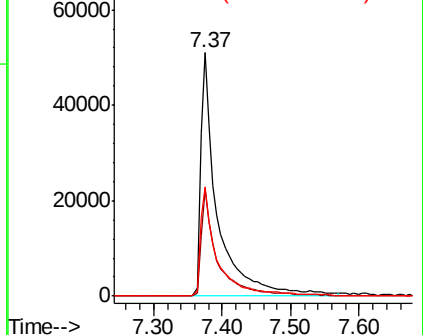
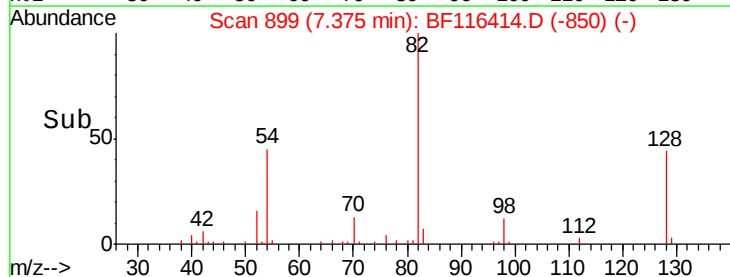


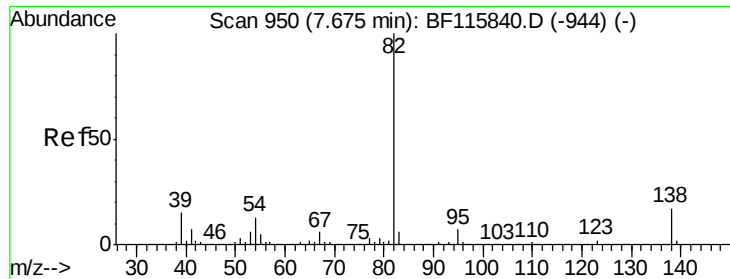
#23
Nitrobenzene-d5
Concen: 11.897 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF116414.D
Acq: 20 Aug 2019 3:20

Tgt Ion: 82	Resp: 88185
Ion Ratio	Lower Upper
82 100	
128 44.0	36.5 54.7
54 44.8	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: 6.222 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF116414.D

Acq: 20 Aug 2019 3:20

Instrument :

BNA_F

ClientSampleId :

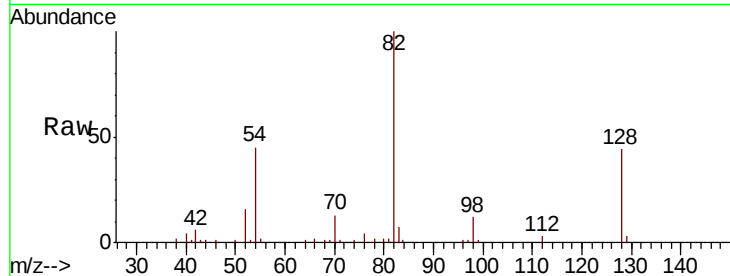
Tot Ion: 82 Resp: 88185

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

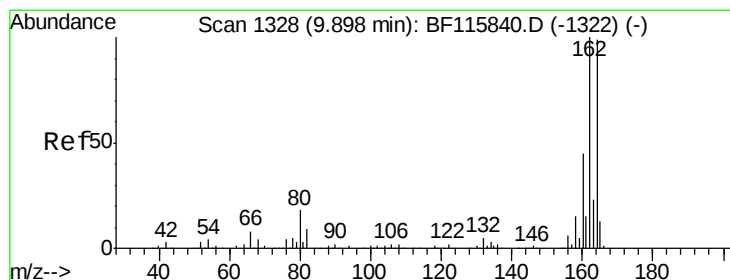
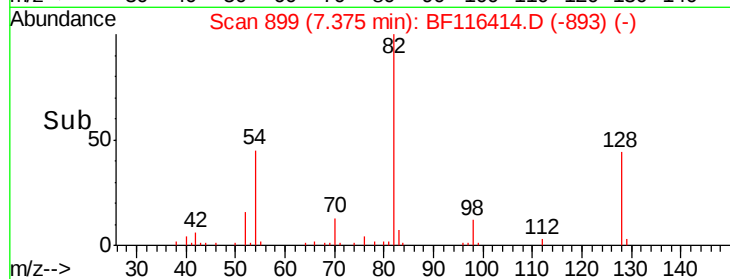
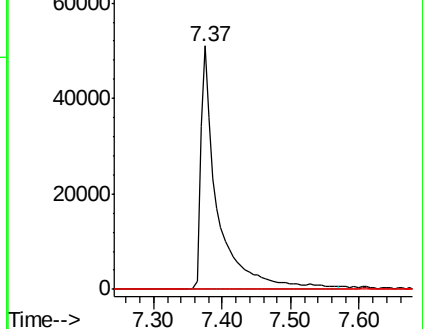
138 0.0 14.5 21.7#



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: BF116414.D

Acq: 20 Aug 2019 3:20

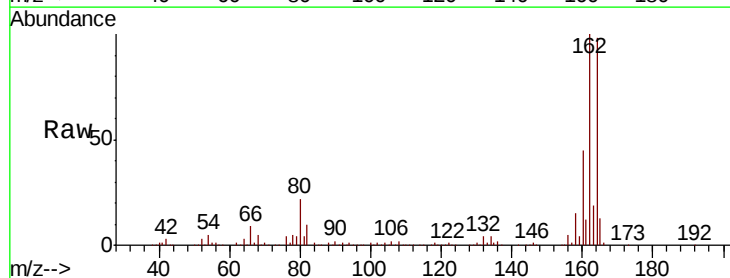
Tgt Ion:164 Resp: 234155

Ion Ratio Lower Upper

164 100

162 101.6 82.6 124.0

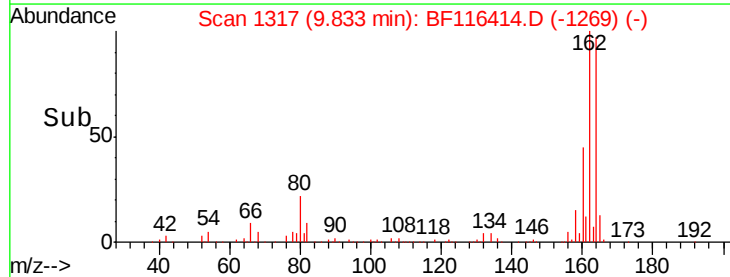
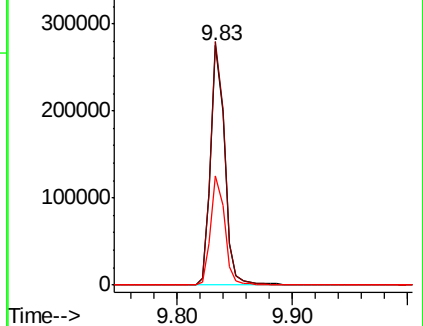
160 45.5 37.6 56.4

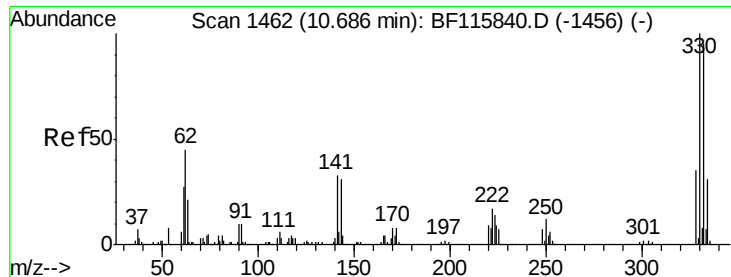


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

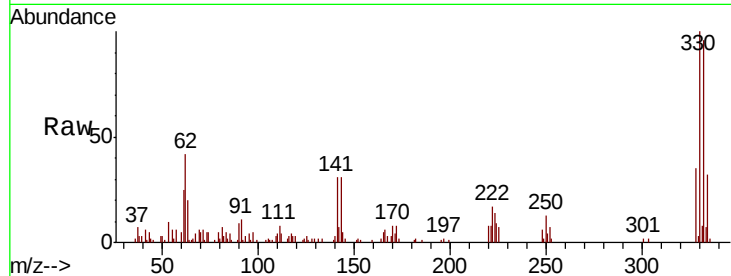




#42
 2,4,6-Tribromophenol
 Concen: 16.504 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF116414.D
 Acq: 20 Aug 2019 3:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.8	115.2
141	39.6	26.3	39.5

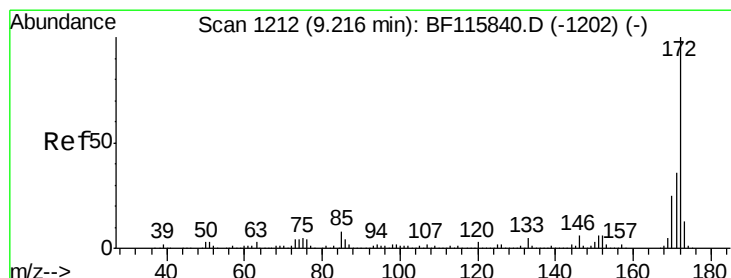
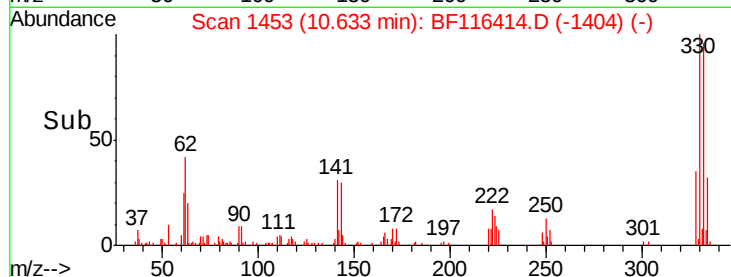
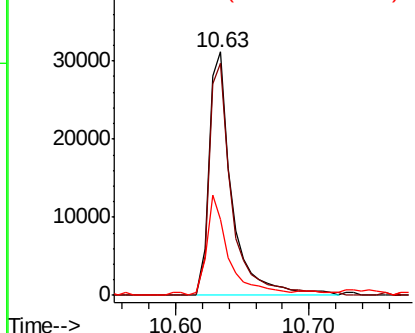


Abundance

Ion 329.80 (329.50 to 330.50): E

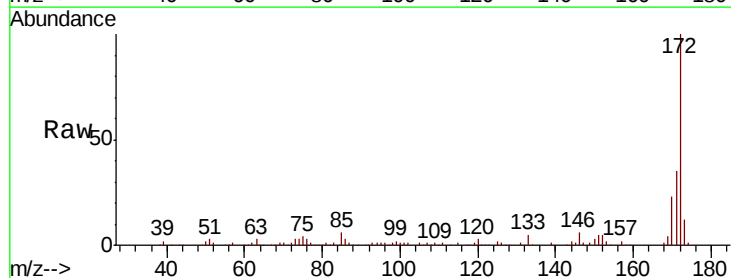
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 15.100 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116414.D
 Acq: 20 Aug 2019 3:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	23.1	20.1	30.1

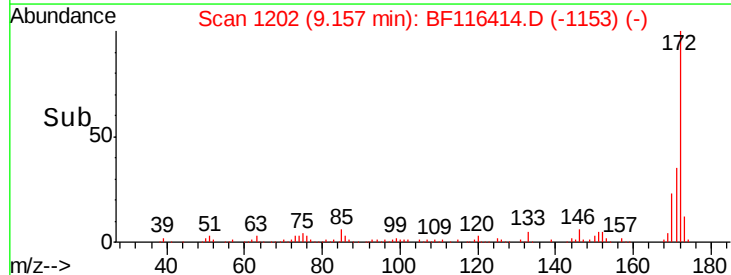
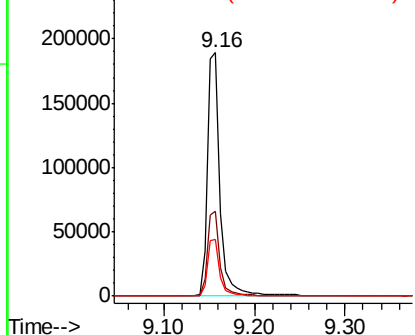


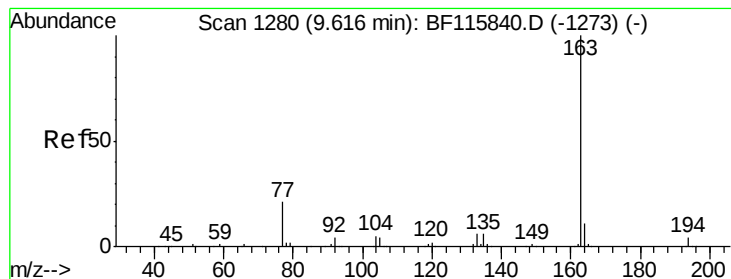
Abundance

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: 2.113 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF116414.D

Acq: 20 Aug 2019 3:20

Instrument :

BNA_F

ClientSampleId :

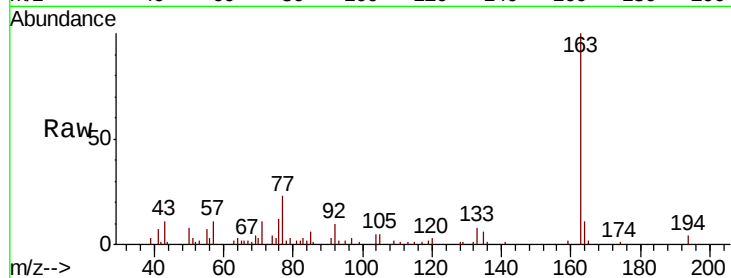
Tot Ion:163 Resp: 33688

Ion Ratio Lower Upper

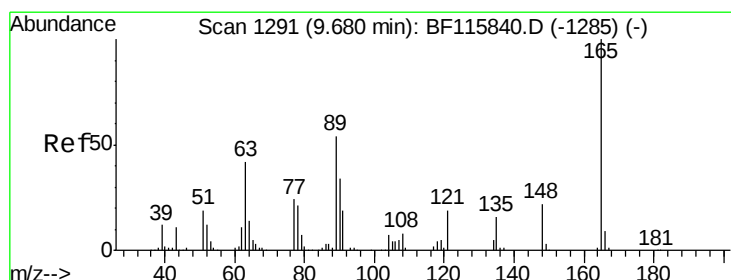
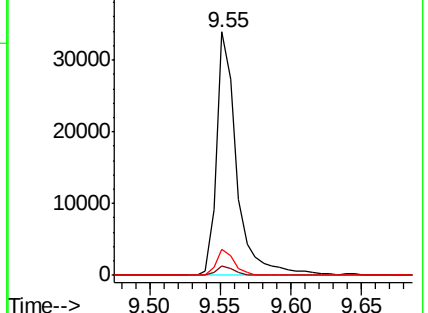
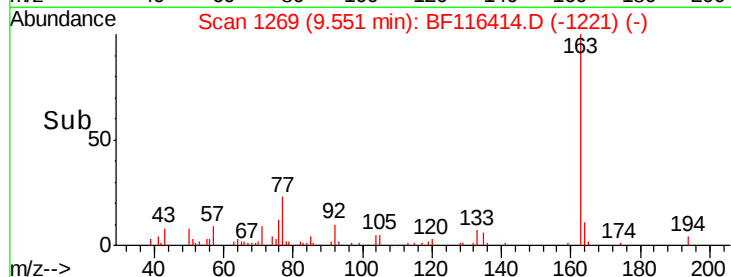
163 100

194 3.8 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



#51

2,6-Dinitrotoluene

Concen: 8.831 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.19 min

Lab File: BF116414.D

Acq: 20 Aug 2019 3:20

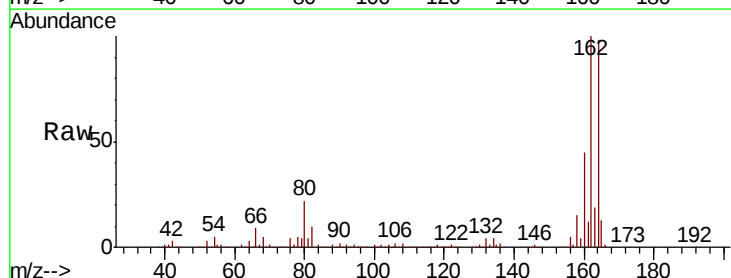
Tgt Ion:165 Resp: 30596

Ion Ratio Lower Upper

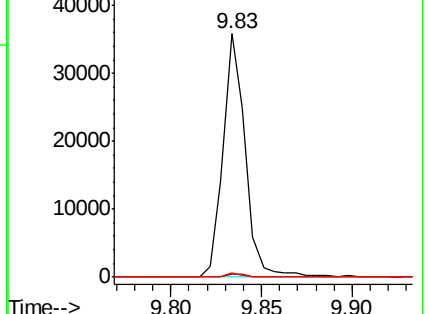
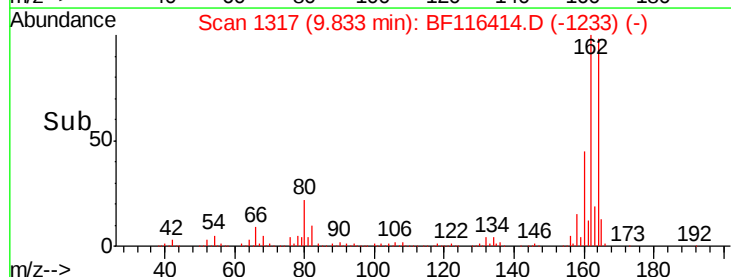
165 100

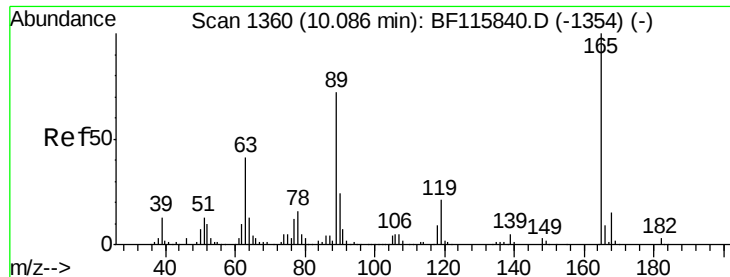
63 1.2 38.2 57.2#

89 1.6 42.9 64.3#



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

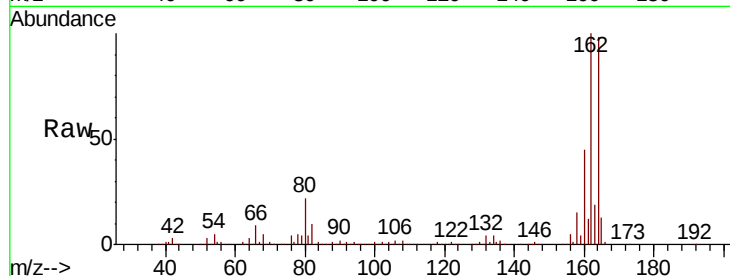




#57
 2,4-Dinitrotoluene
 Concen: 6.657 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF116414.D
 Acq: 20 Aug 2019 3:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.6	59.4#
89	1.6	62.2	93.2#
182	0.0	2.1	3.1#

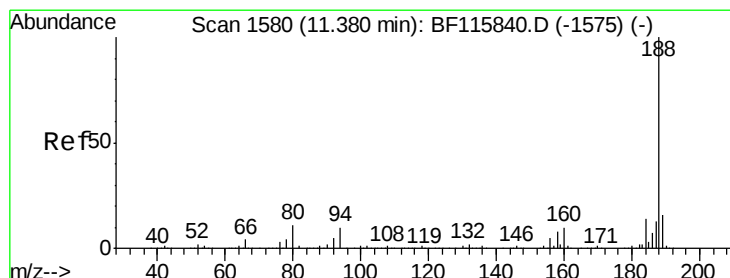
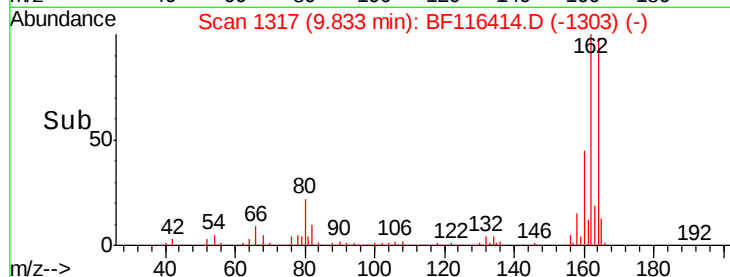
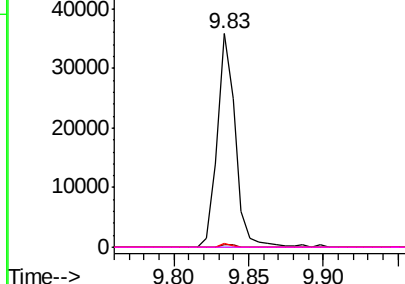


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

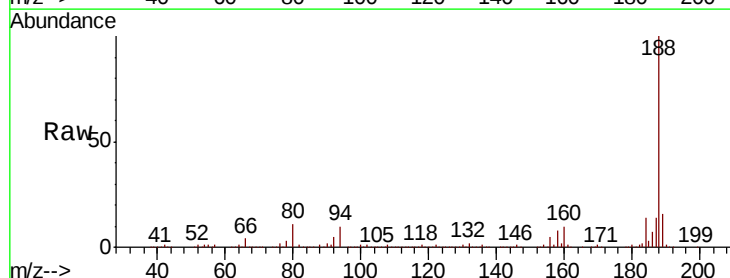
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF116414.D
 Acq: 20 Aug 2019 3:20

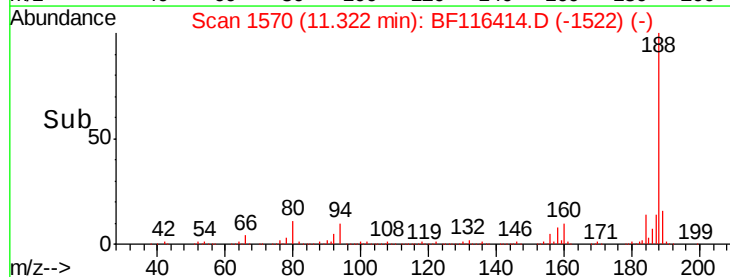
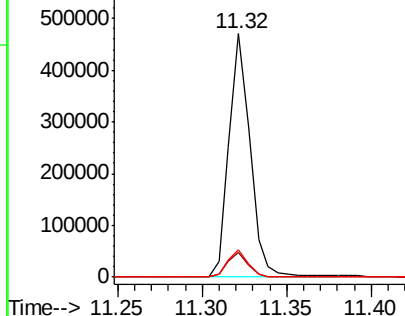
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.1	12.1
80	11.0	8.7	13.1

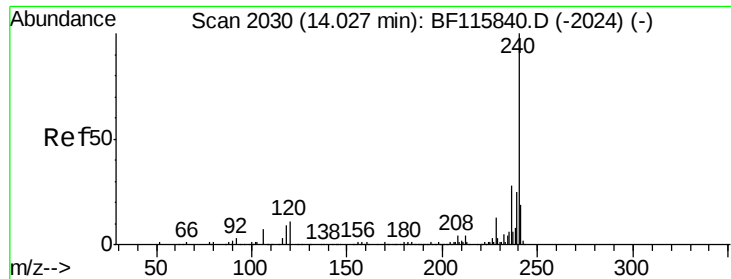


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

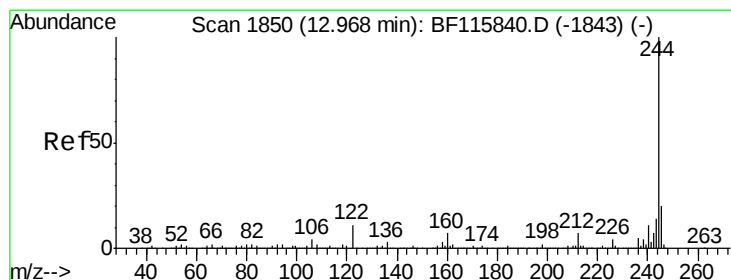
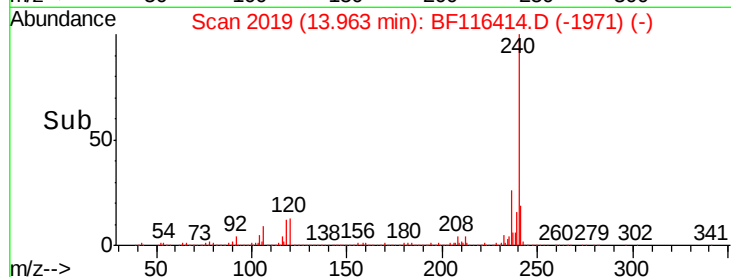
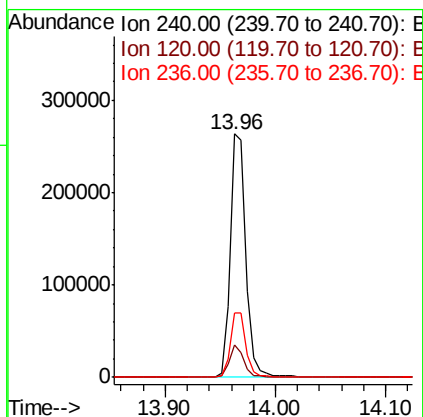
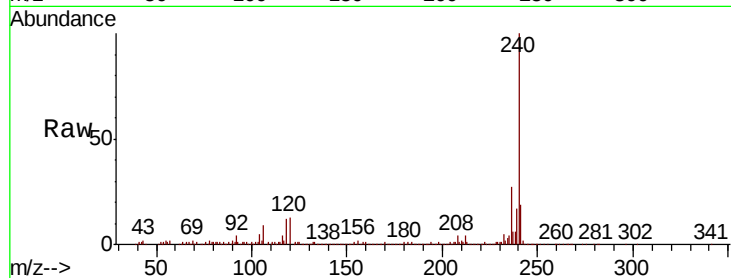




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF116414.D
 Acq: 20 Aug 2019 3:20

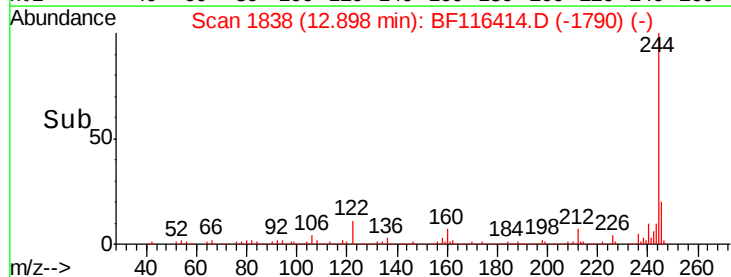
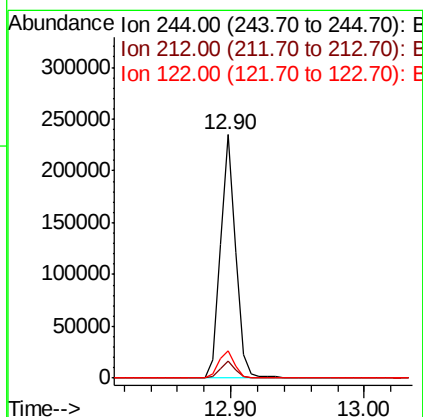
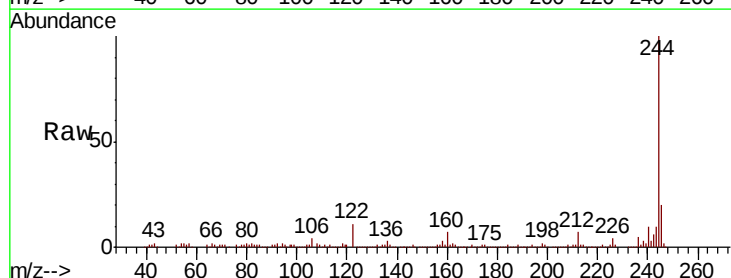
Instrument :
 BNA_F
 ClientSampleId :

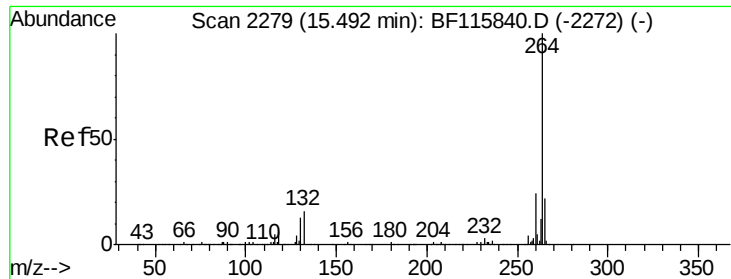
Tot Ion:240 Resp: 261680
 Ion Ratio Lower Upper
 240 100
 120 13.2 10.7 16.1
 236 26.5 22.2 33.2



#79
 Terphenyl-d14
 Concen: 15.316 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BF116414.D
 Acq: 20 Aug 2019 3:20

Tgt Ion:244 Resp: 190205
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 11.1 9.0 13.4

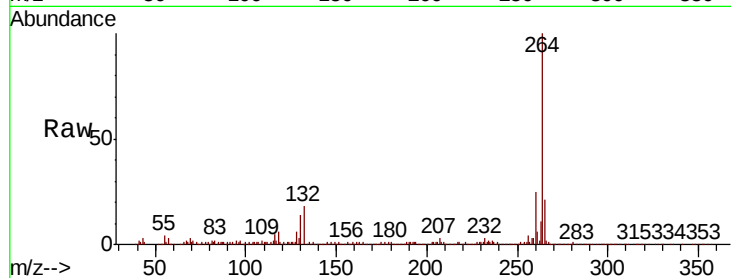




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116414.D
Acq: 20 Aug 2019 3:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	21.5	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

