

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
 Data File : BF117913.D
 Acq On : 21 Nov 2019 15:40
 Operator : JU
 Sample : K5933-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-01

Quant Time: Nov 22 00:22:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

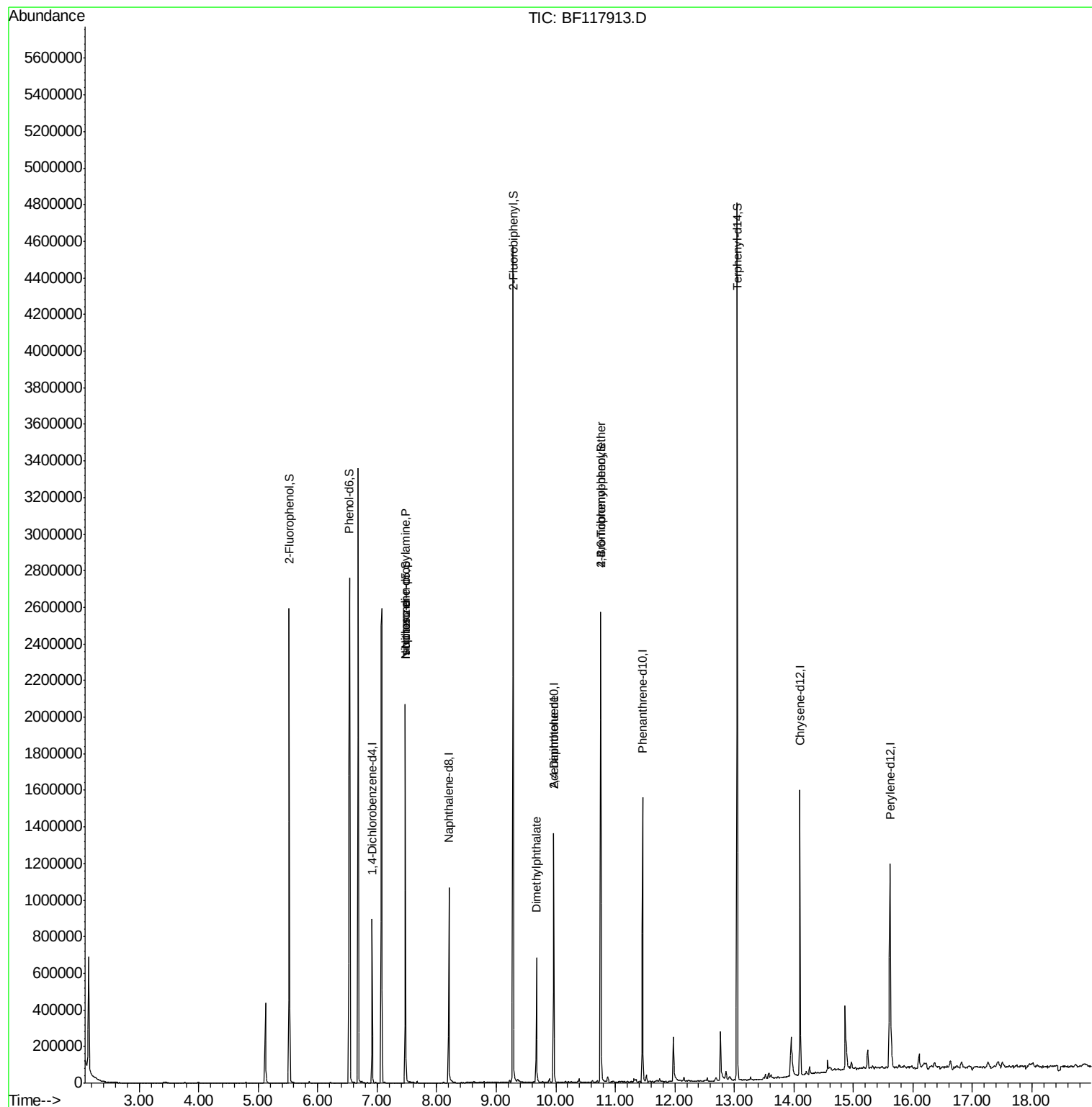
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	126556	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	502691	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	271339	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	540077	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	501339	20.00	ng	-0.01
87) Perylene-d12	15.62	264	513274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	788493	110.28	ng	0.00
7) Phenol-d6	6.53	99	1011654	117.31	ng	-0.01
23) Nitrobenzene-d5	7.47	82	622855	73.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	301045	104.80	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1251384	82.74	ng	-0.01
79) Terphenyl-d14	13.05	244	1634771	59.59	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	1853	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.47	70	85198	16.014 ng	#	75
25) Isophorone	7.47	82	618486	39.905 ng	#	62
50) Dimethylphthalate	9.67	163	272286	14.310 ng		98
57) 2,4-Dinitrotoluene	9.96	165	34602	6.541 ng	#	24
67) 4-Bromophenyl-phenylether	10.76	248	19167	3.289 ng	#	1
75) Fluoranthene	12.67	202	2598	Below Cal		84

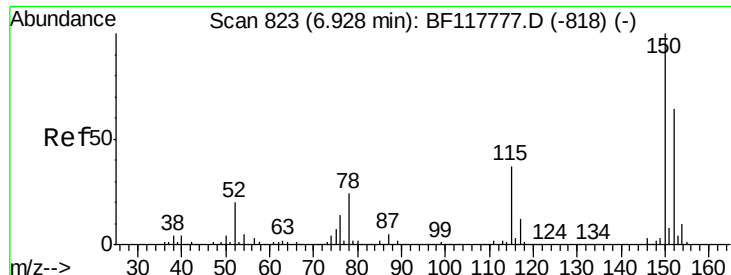
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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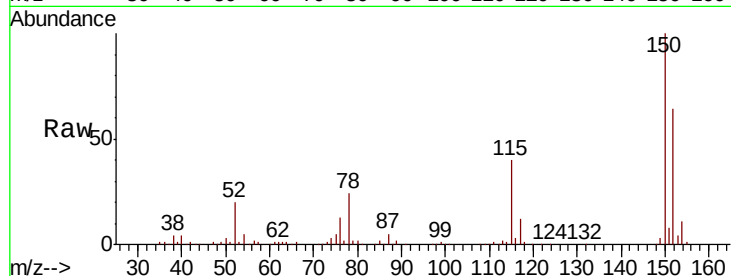


#1

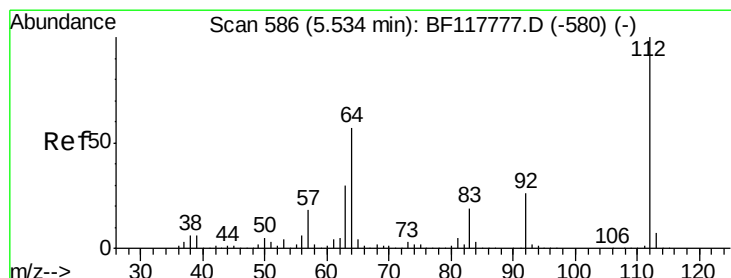
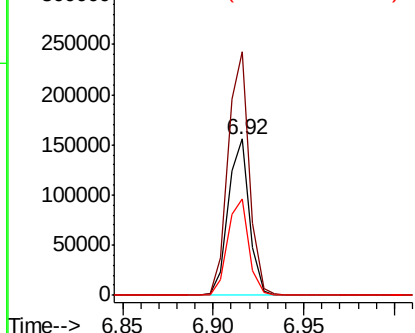
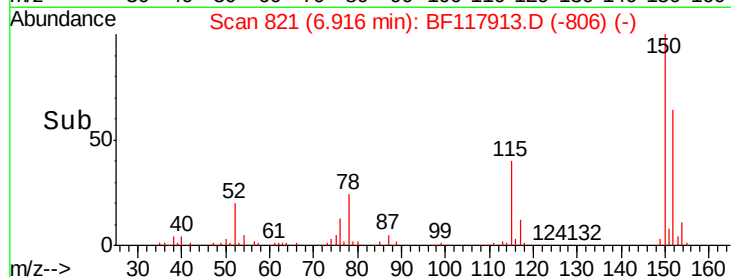
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF117913.D
 Acq: 21 Nov 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-01

Tot Ion:152 Resp: 126556
 Ion Ratio Lower Upper
 152 100
 150 155.7 125.3 187.9
 115 61.7 47.0 70.4



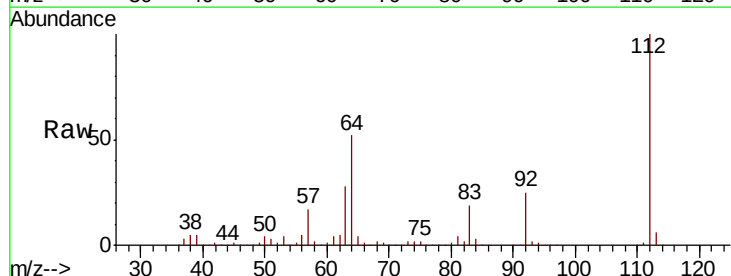
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



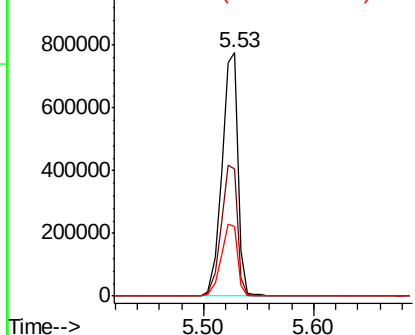
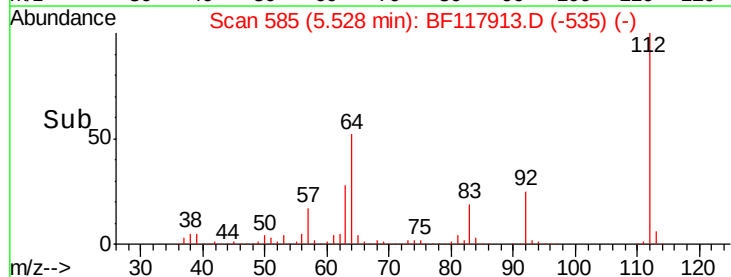
#5

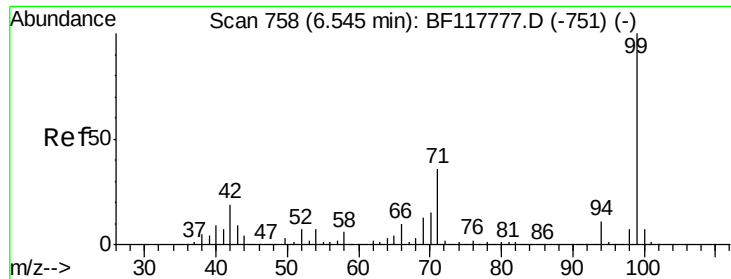
2-Fluorophenol
 Concen: 110.284 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF117913.D
 Acq: 21 Nov 2019 15:40

Tgt Ion:112 Resp: 788493
 Ion Ratio Lower Upper
 112 100
 64 52.3 45.6 68.4
 63 28.4 24.1 36.1



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: 117.312 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117913.D

Acq: 21 Nov 2019 15:40

Instrument :

BNA_F

ClientSampleId :

WC-COMP-01

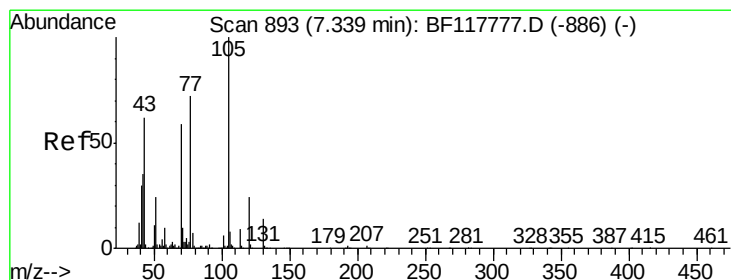
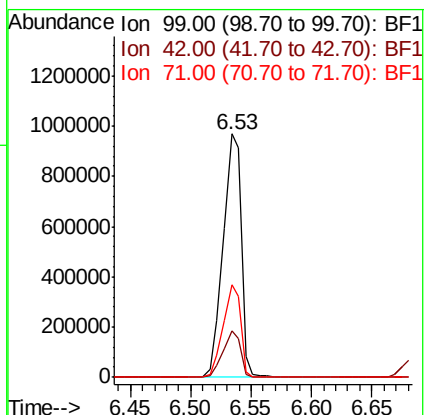
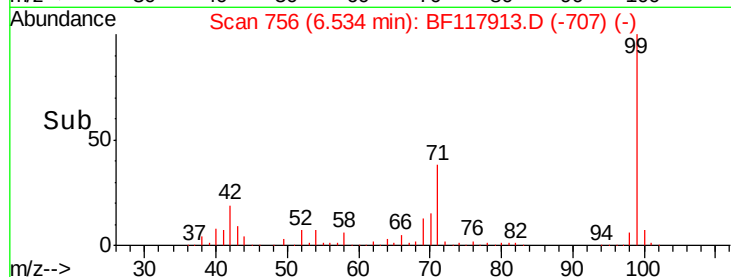
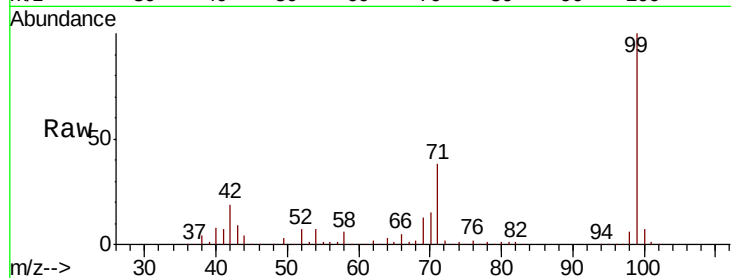
Tot Ion: 99 Resp: 1011654

Ion Ratio Lower Upper

99 100

42 19.1 14.9 22.3

71 37.9 28.6 43.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.014 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF117913.D

Acq: 21 Nov 2019 15:40

Tgt Ion: 70 Resp: 85198

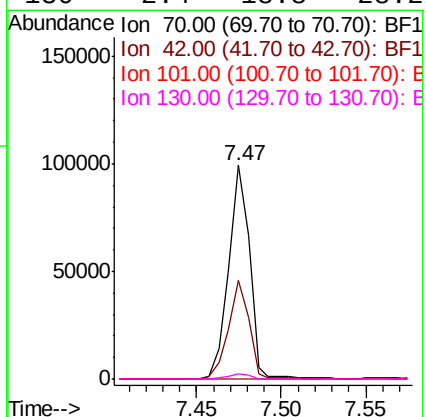
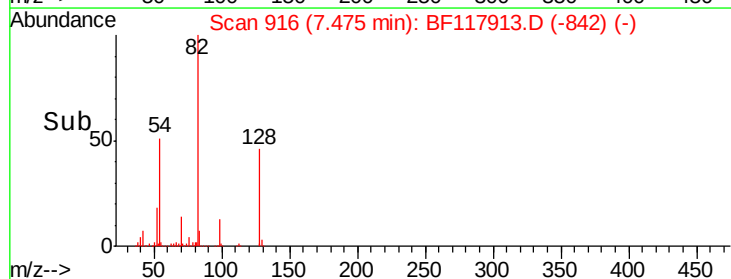
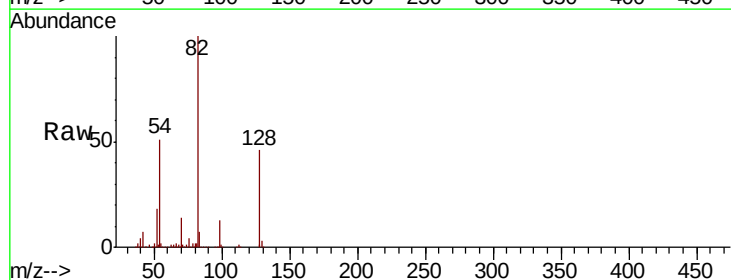
Ion Ratio Lower Upper

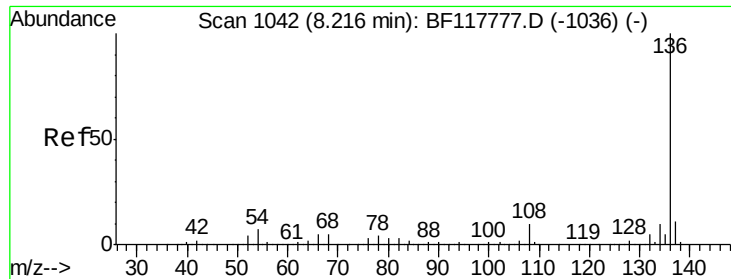
70 100

42 46.3 47.4 71.2#

101 0.0 8.4 12.6#

130 2.4 18.8 28.2#

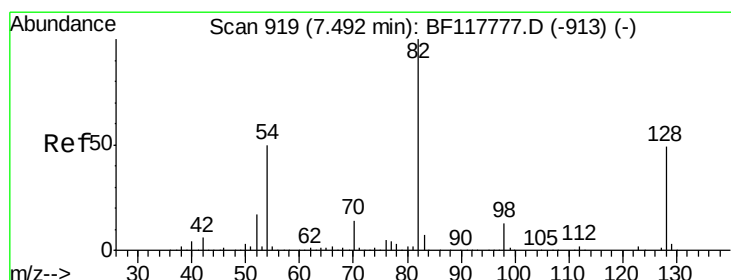
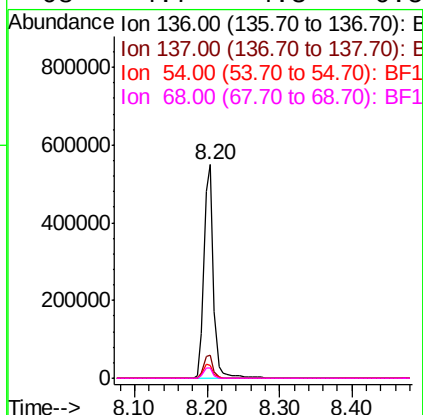
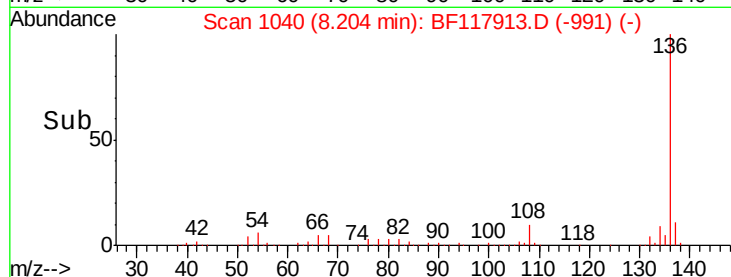
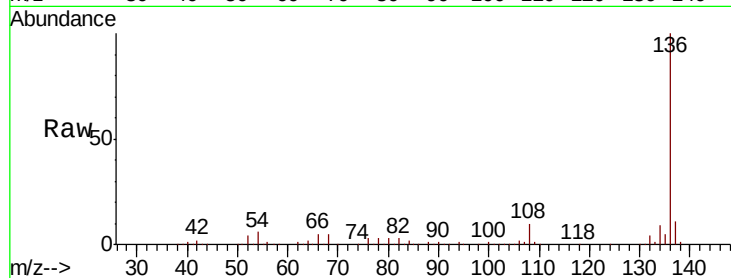




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117913.D
Acq: 21 Nov 2019 15:40

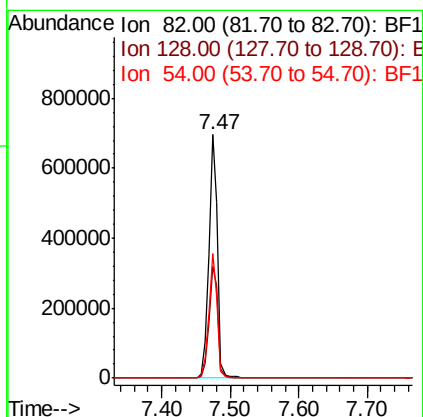
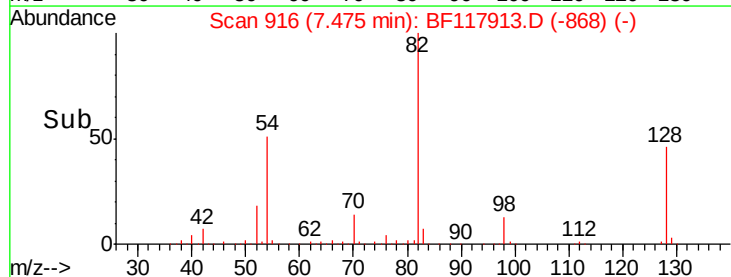
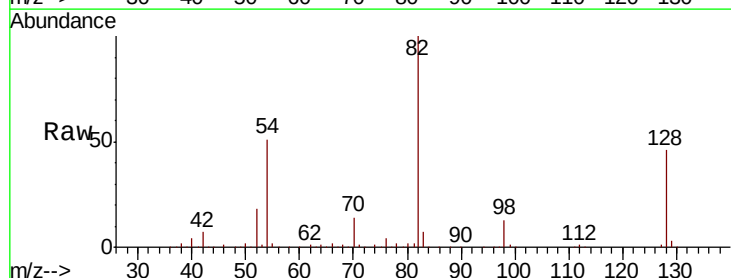
Instrument :
BNA_F
ClientSampleId :
WC-COMP-01

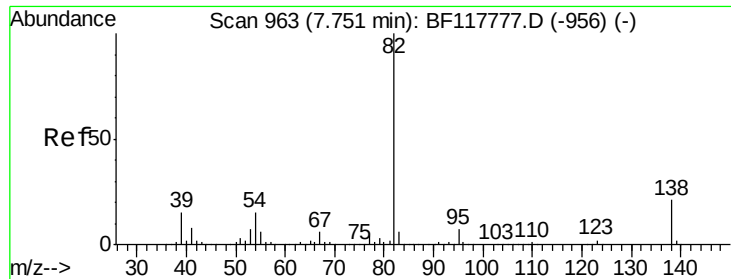
Tot Ion:136	Resp:	502691
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.0 13.4
54	6.3	5.4 8.2
68	4.7	4.3 6.5



#23
Nitrobenzene-d5
Concen: 73.656 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117913.D
Acq: 21 Nov 2019 15:40

Tgt Ion: 82	Resp:	622855
Ion	Ratio	Lower Upper
82	100	
128	45.9	38.9 58.3
54	51.0	39.8 59.6





#25

Isophorone

Concen: 39.905 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.28 min

Lab File: BF117913.D

Acq: 21 Nov 2019 15:40

Instrument :

BNA_F

ClientSampleId :

WC-COMP-01

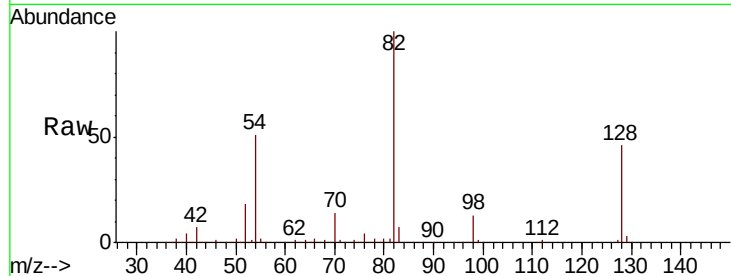
Tot Ion: 82 Resp: 618486

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

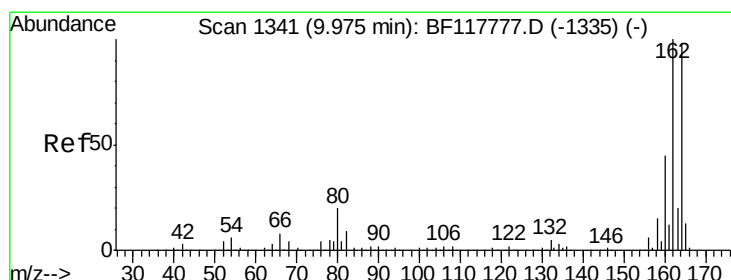
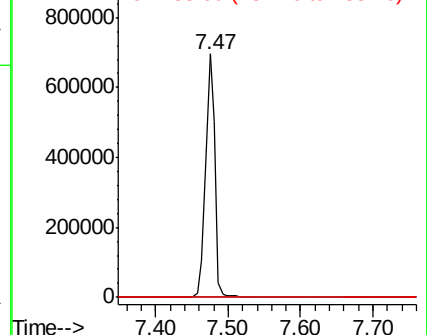
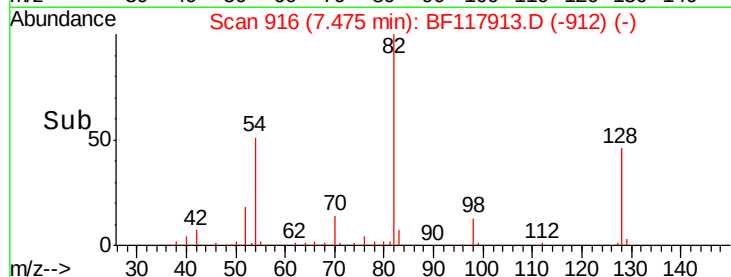
138 0.0 16.5 24.7#



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: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF117913.D

Acq: 21 Nov 2019 15:40

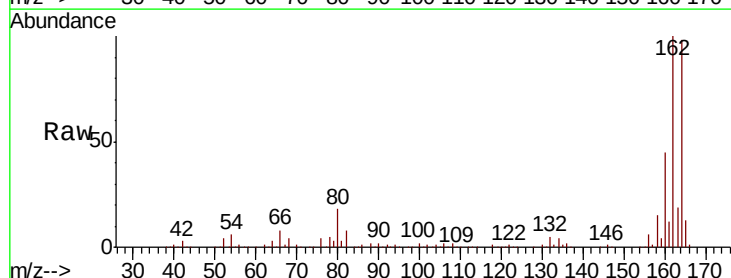
Tgt Ion: 164 Resp: 271339

Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

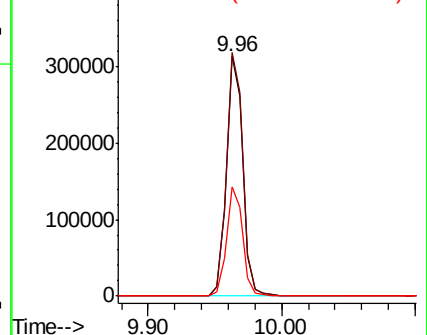
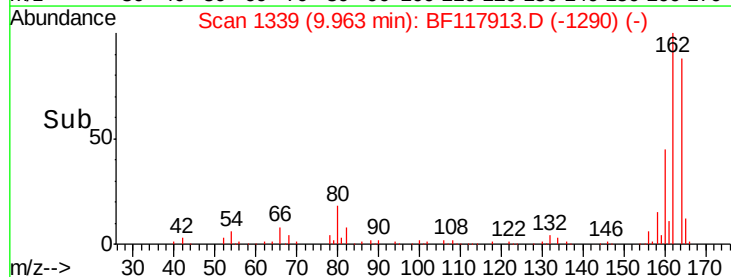
160 45.4 36.6 55.0

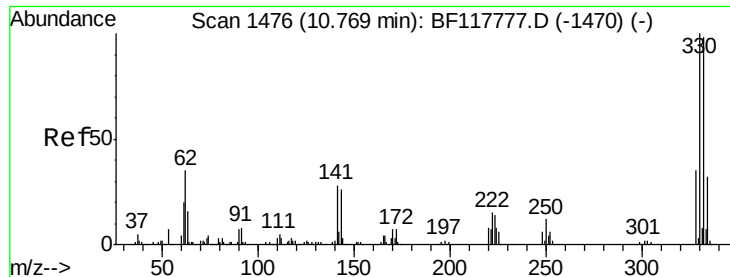


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 104.797 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF117913.D

Acq: 21 Nov 2019 15:40

Instrument :

BNA_F

ClientSampleId :

WC-COMP-01

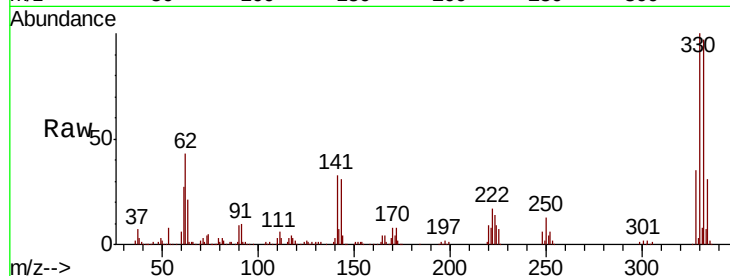
Tot Ion:330 Resp: 301045

Ion Ratio Lower Upper

330 100

332 97.0 76.7 115.1

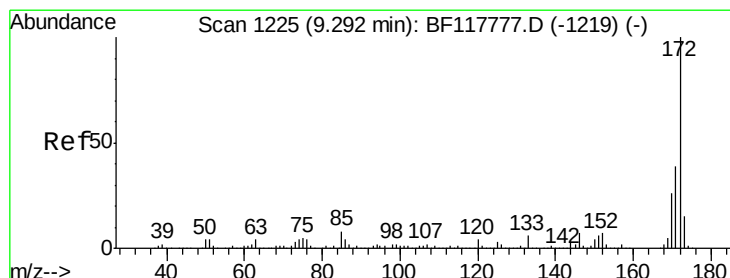
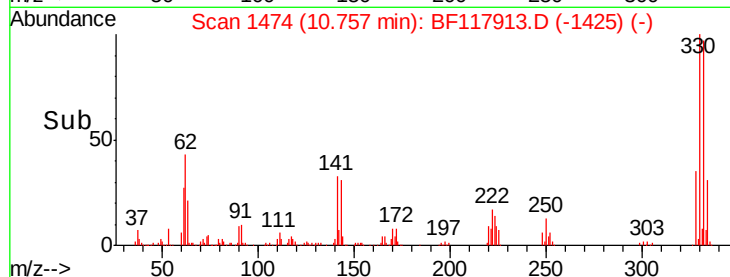
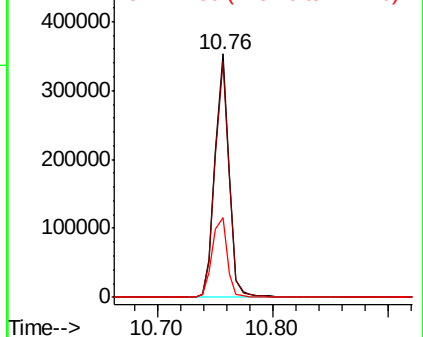
141 35.6 27.7 41.5



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: 82.739 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF117913.D

Acq: 21 Nov 2019 15:40

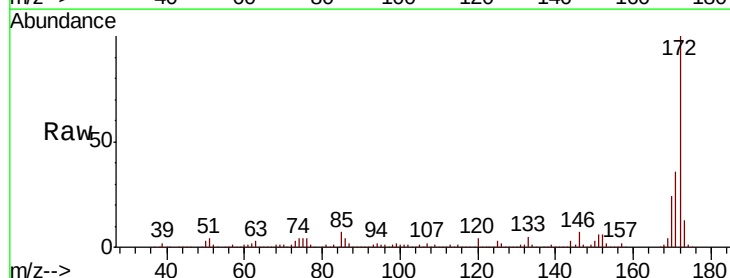
Tgt Ion:172 Resp: 1251384

Ion Ratio Lower Upper

172 100

171 36.4 30.9 46.3

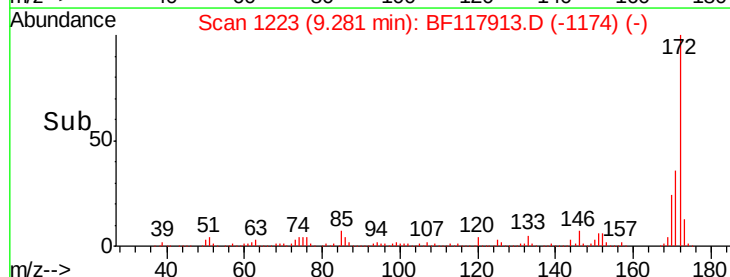
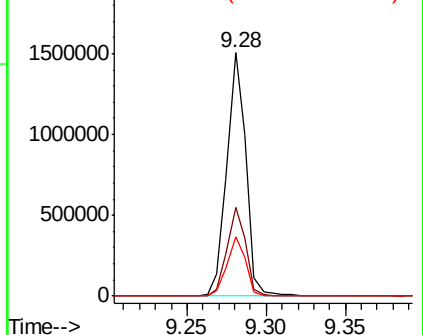
170 24.2 21.0 31.4

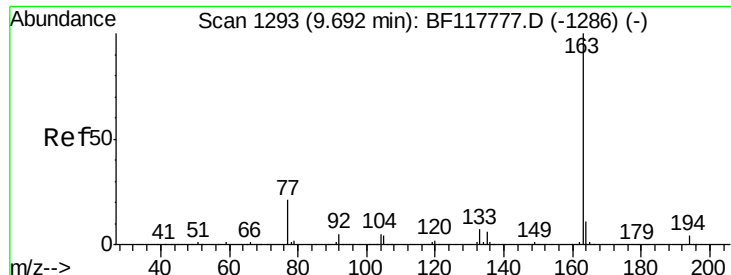


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

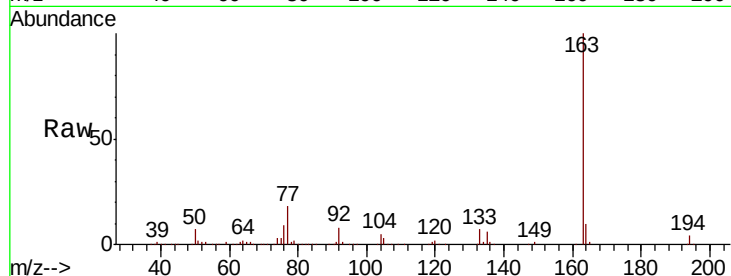




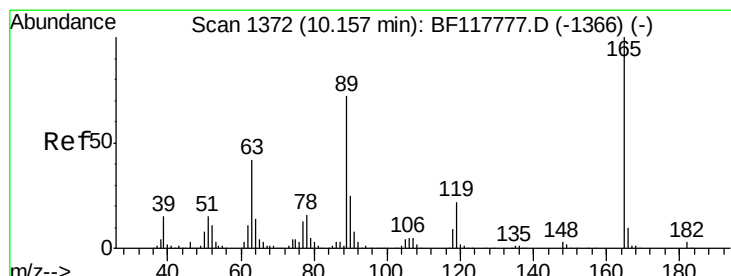
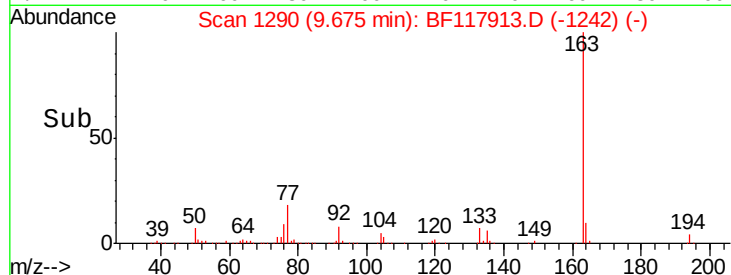
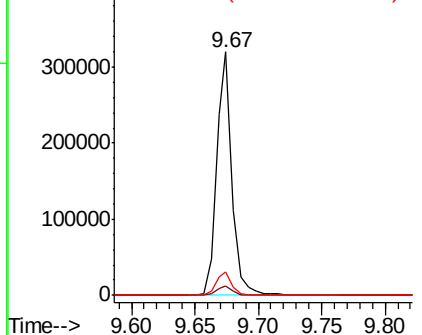
#50
Dimethylphthalate
Concen: 14.310 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117913.D
Acq: 21 Nov 2019 15:40

Instrument :
BNA_F
ClientSampleId :
WC-COMP-01

Tot Ion:163 Resp: 272286
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 8.7 13.1

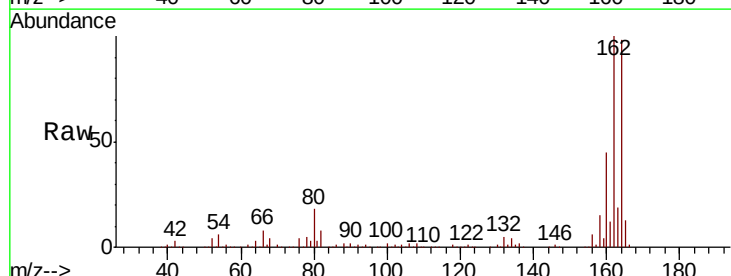


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

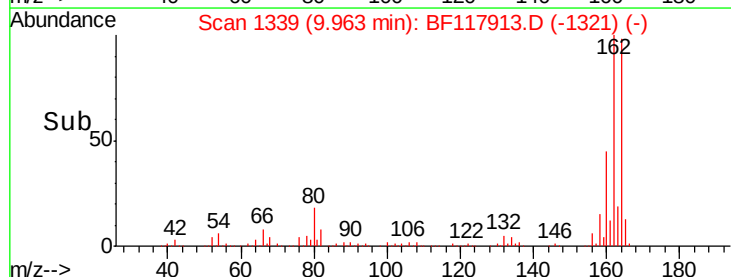
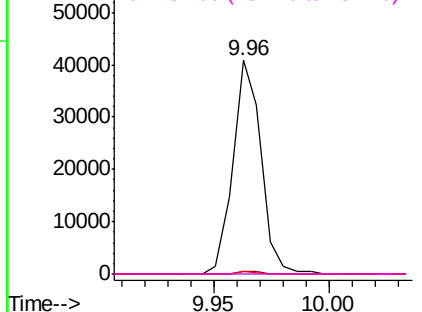


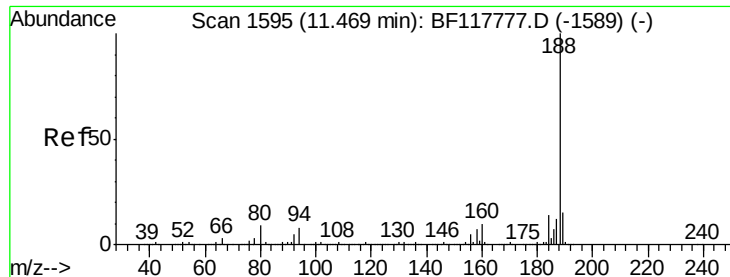
#57
2,4-Dinitrotoluene
Concen: 6.541 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.19 min
Lab File: BF117913.D
Acq: 21 Nov 2019 15:40

Tgt Ion:165 Resp: 34602
Ion Ratio Lower Upper
165 100
63 1.0 33.7 50.5#
89 1.3 57.3 85.9#
182 0.0 2.3 3.5#



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: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF117913.D

Acq: 21 Nov 2019 15:40

Instrument :

BNA_F

ClientSampleId :

WC-COMP-01

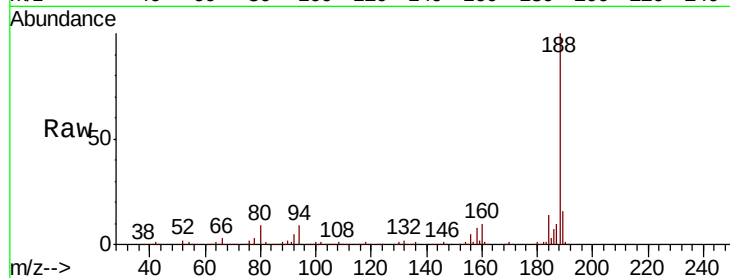
Tot Ion:188 Resp: 540077

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

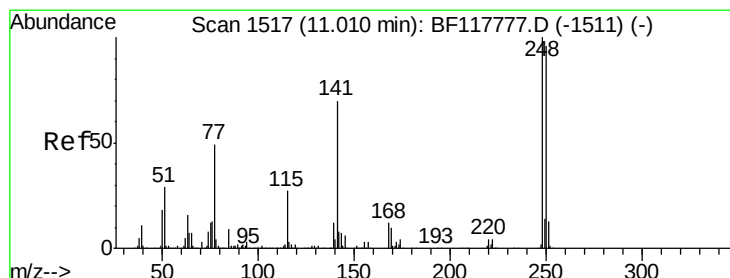
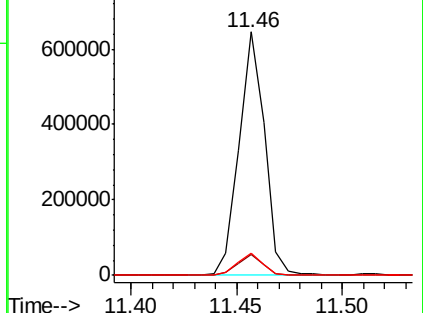
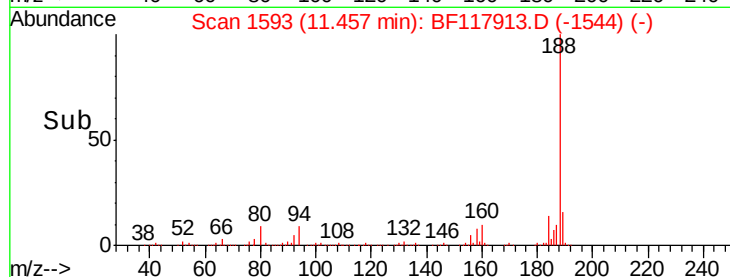
80 9.3 7.2 10.8



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



#67

4-Bromophenyl-phenylether

Concen: 3.289 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.25 min

Lab File: BF117913.D

Acq: 21 Nov 2019 15:40

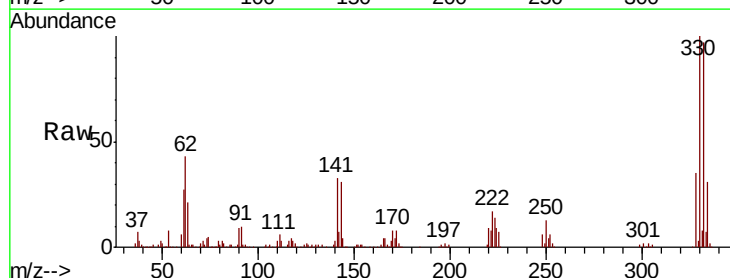
Tgt Ion:248 Resp: 19167

Ion Ratio Lower Upper

248 100

250 208.5 76.6 115.0#

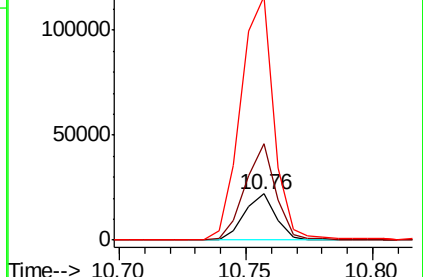
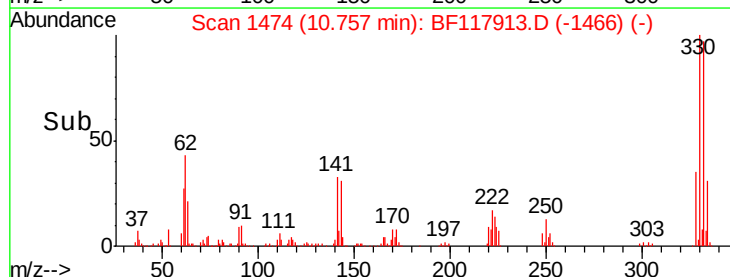
141 527.1 55.9 83.9#

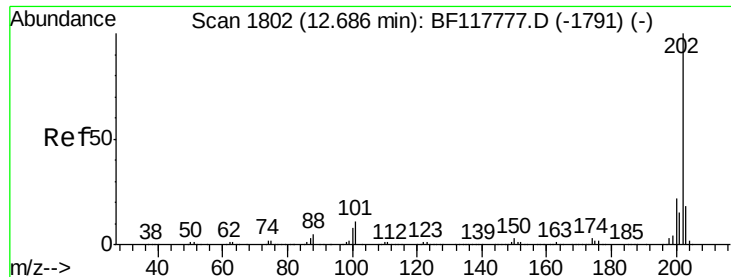


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

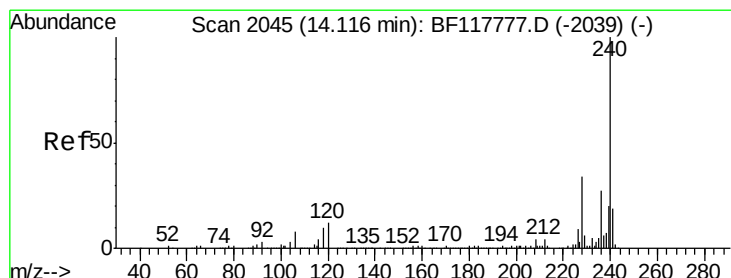
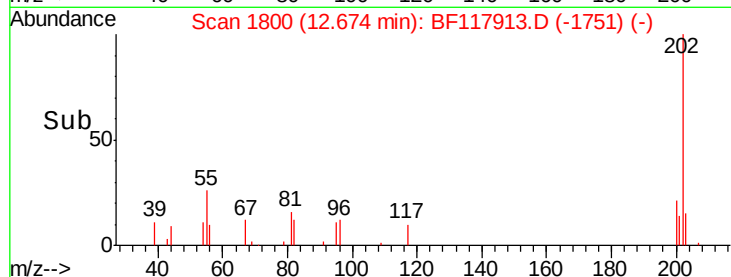
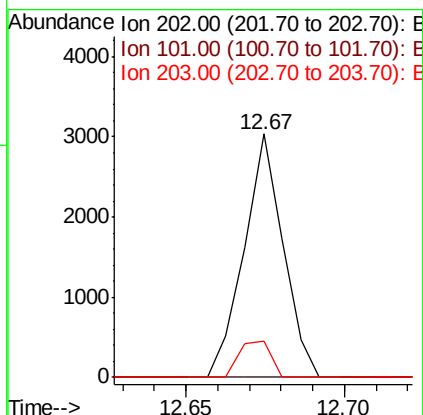
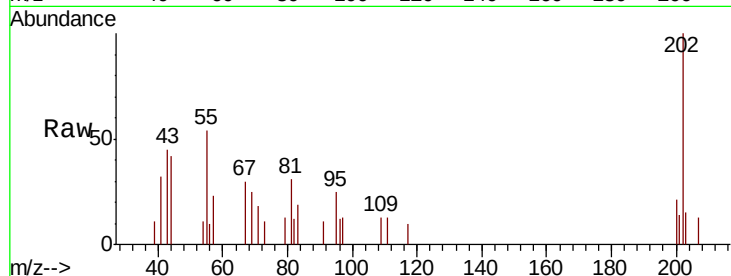




#75
 Fluoranthene
 Concen: Below Cal
 RT: 12.67 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BF117913.D
 Acq: 21 Nov 2019 15:40

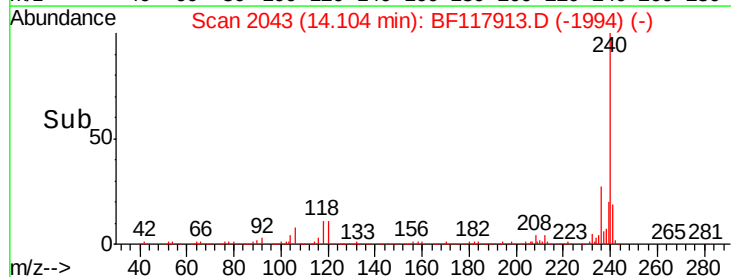
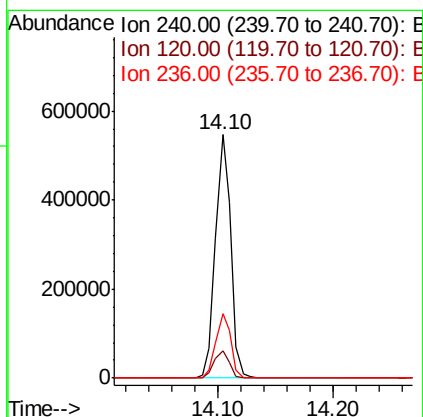
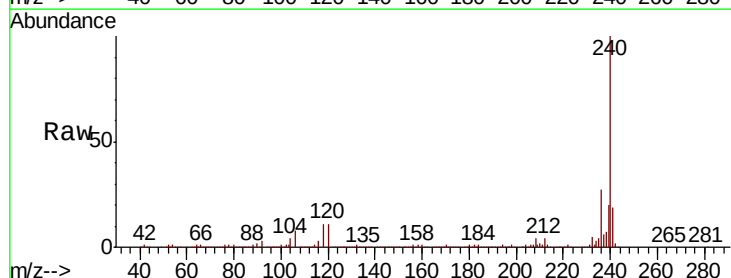
Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-01

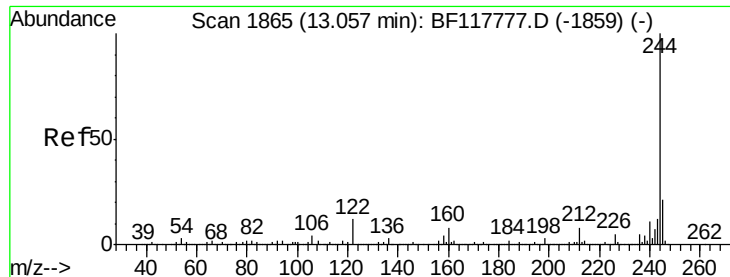
Tot Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.1
203	14.9	0.0	38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF117913.D
 Acq: 21 Nov 2019 15:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	26.5	21.3	31.9





#79

Terphenyl-d14

Concen: 59.595 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117913.D

Acq: 21 Nov 2019 15:40

Instrument :

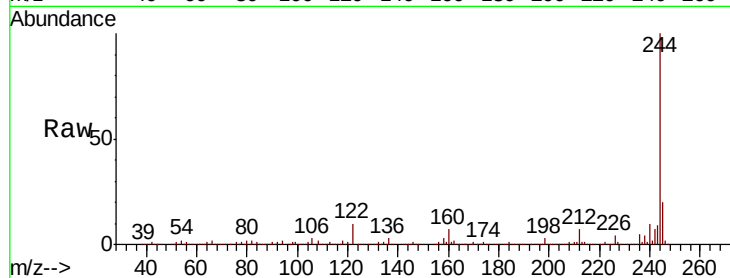
BNA_F

ClientSampleId :

WC-COMP-01

Tot Ion:244 Resp: 1634771

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.3	9.5
122	10.2	9.4	14.2

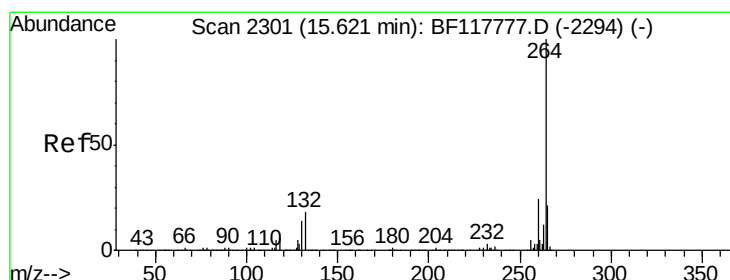
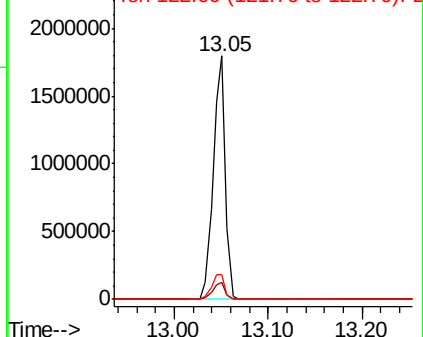
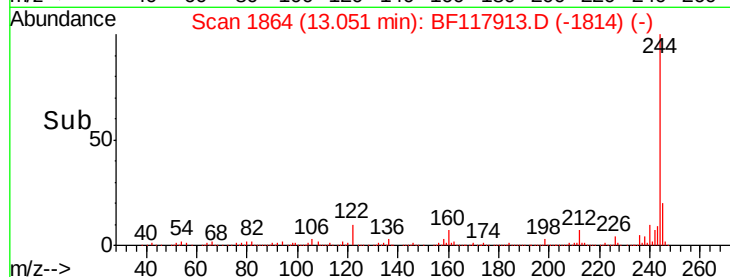


Abundance

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: 15.62 min Scan# 2300

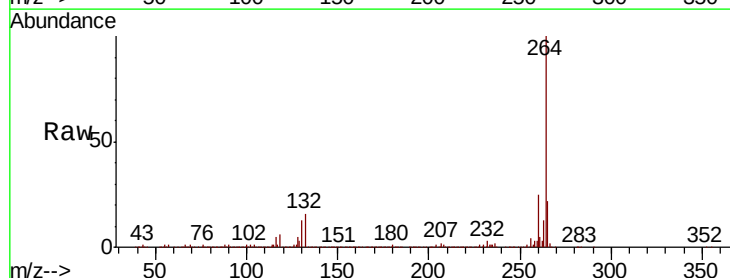
Delta R.T. -0.01 min

Lab File: BF117913.D

Acq: 21 Nov 2019 15:40

Tgt Ion:264 Resp: 513274

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	21.8	17.1	25.7



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

