

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117451.D
 Acq On : 21 Oct 2019 17:03
 Operator : JU
 Sample : PB124127BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 01:53:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

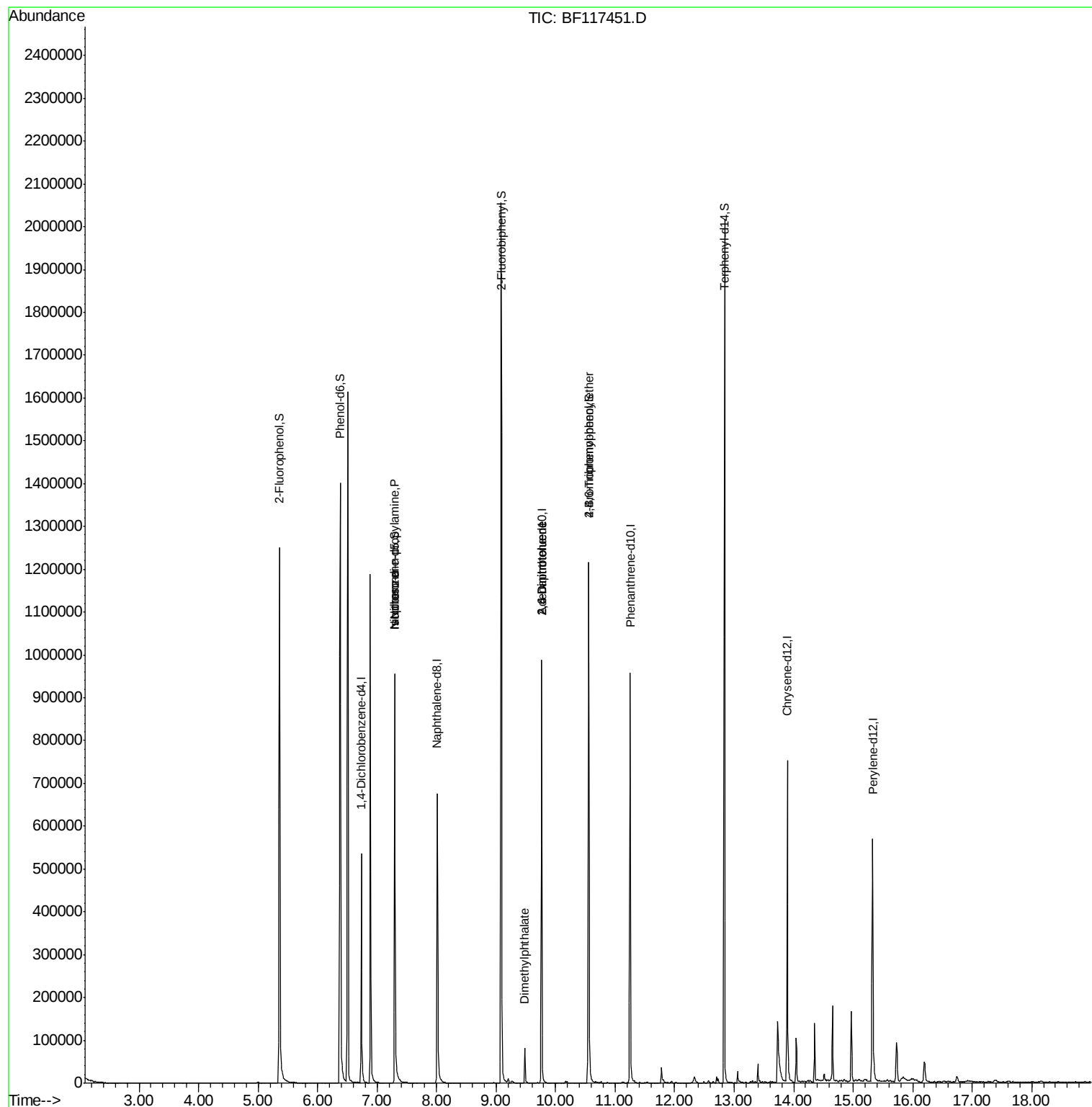
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	87350	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	373097	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	203724	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	341879	20.00	ng	0.00
76) Chrysene-d12	13.89	240	245215	20.00	ng	0.00
87) Perylene-d12	15.33	264	211547	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	403423	68.71	ng	0.00
7) Phenol-d6	6.38	99	565688	71.73	ng	0.00
23) Nitrobenzene-d5	7.30	82	354937	46.96	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	131275	74.47	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	678978	46.96	ng	0.00
79) Terphenyl-d14	12.84	244	718654	47.80	ng	0.00
Target Compounds						
9) Benzaldehyde	6.38	77	695	Below Cal	Qvalue	# 3
19) n-Nitroso-di-n-propylamine	7.30	70	46539	9.663 ng	#	78
25) Isophorone	7.30	82	354935	27.148 ng	#	65
50) Dimethylphthalate	9.48	163	38754	2.668 ng	#	99
51) 2,6-Dinitrotoluene	9.76	165	25417	8.387 ng	#	24
57) 2,4-Dinitrotoluene	9.76	165	25417	6.308 ng	#	14
67) 4-Bromophenyl-phenylether	10.56	248	8554	2.323 ng	#	1
77) Benzidine	12.84	184	9978	Below Cal		97

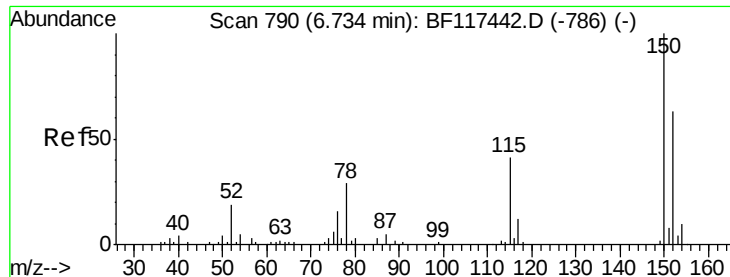
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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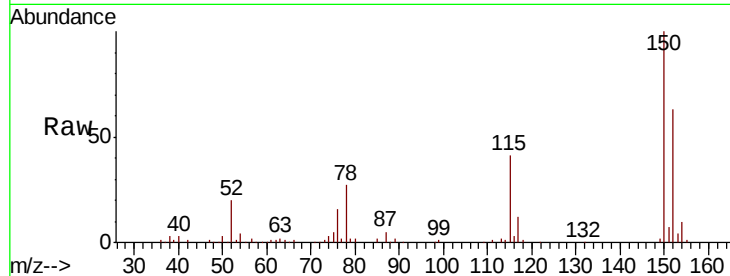


#1

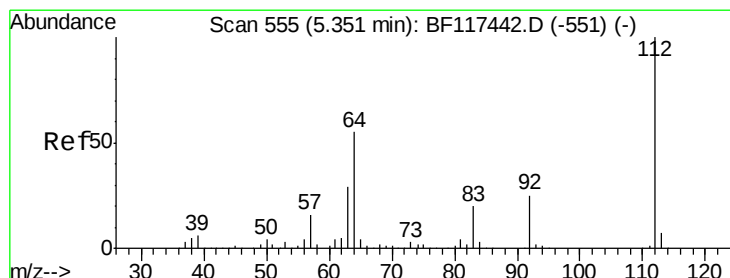
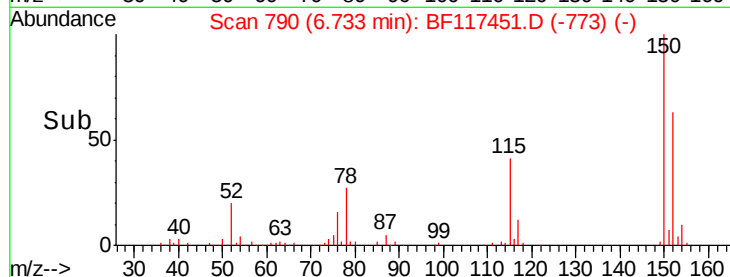
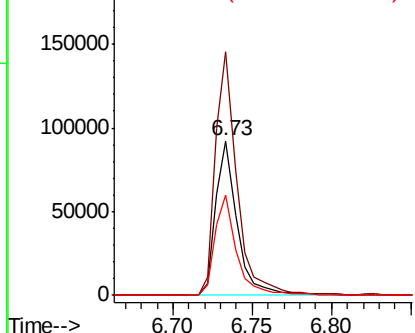
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117451.D
Acq: 21 Oct 2019 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87350
Ion Ratio Lower Upper
152 100
150 158.0 126.8 190.2
115 65.4 51.6 77.4



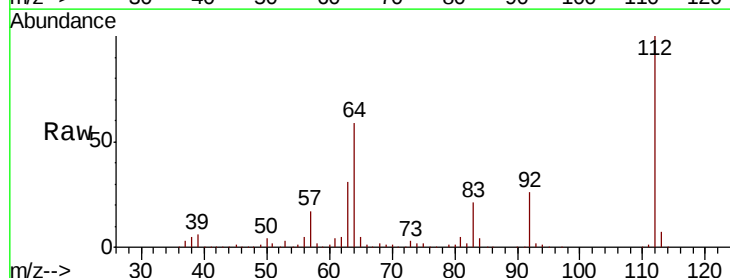
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



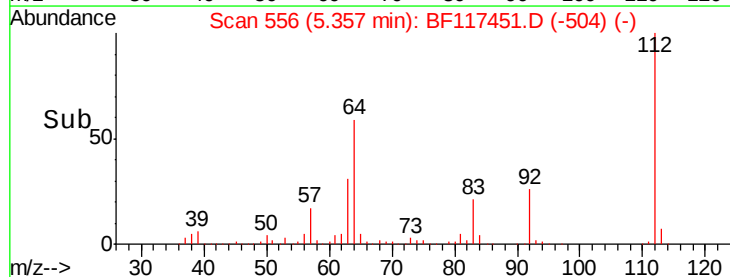
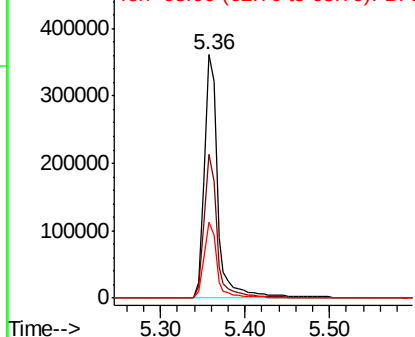
#5

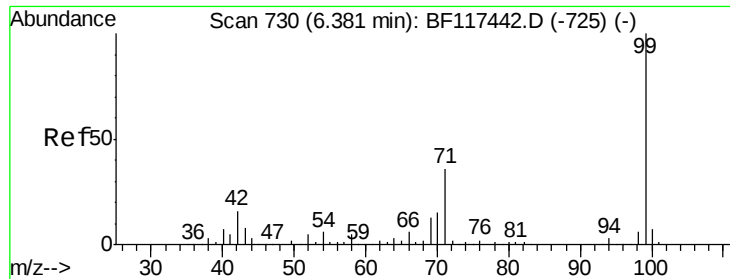
2-Fluorophenol
Concen: 68.709 ng
RT: 5.36 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF117451.D
Acq: 21 Oct 2019 17:03

Tgt Ion:112 Resp: 403423
Ion Ratio Lower Upper
112 100
64 59.2 44.1 66.1
63 31.4 23.4 35.2



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: 71.733 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117451.D

Acq: 21 Oct 2019 17:03

Instrument :

BNA_F

ClientSampleId :

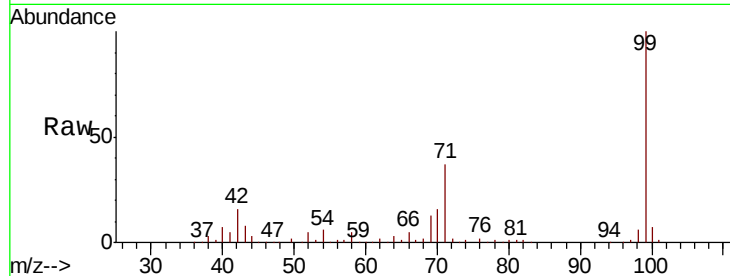
Tot Ion: 99 Resp: 565688

Ion Ratio Lower Upper

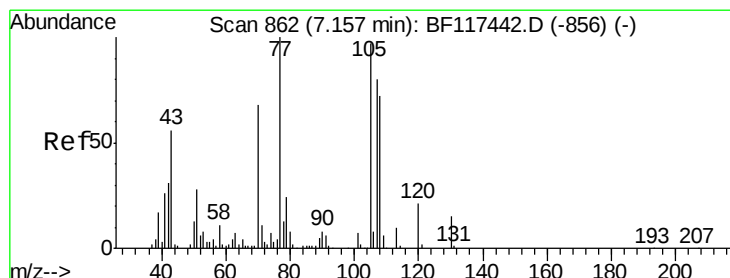
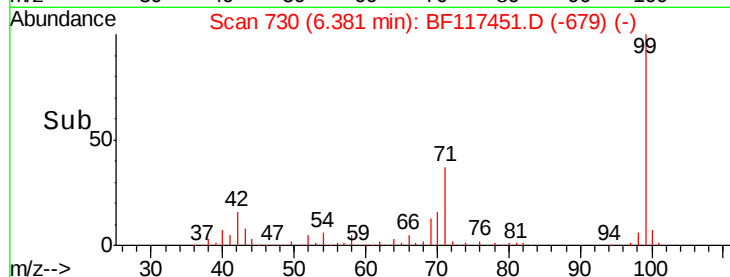
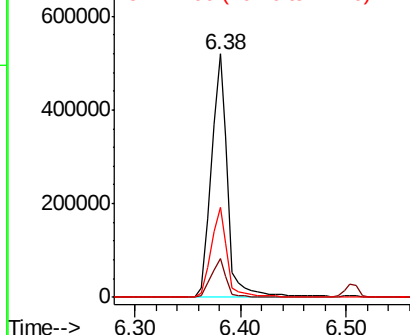
99 100

42 16.1 12.8 19.2

71 37.1 28.6 43.0



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: 9.663 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF117451.D

Acq: 21 Oct 2019 17:03

Tgt Ion: 70 Resp: 46539

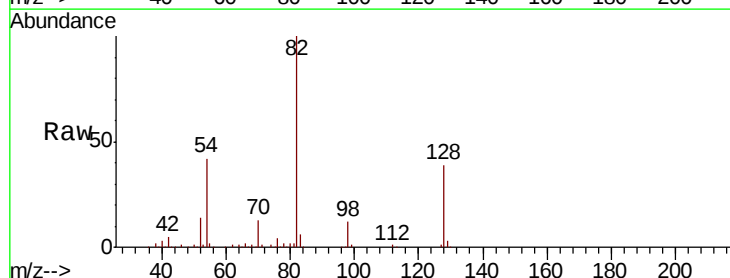
Ion Ratio Lower Upper

70 100

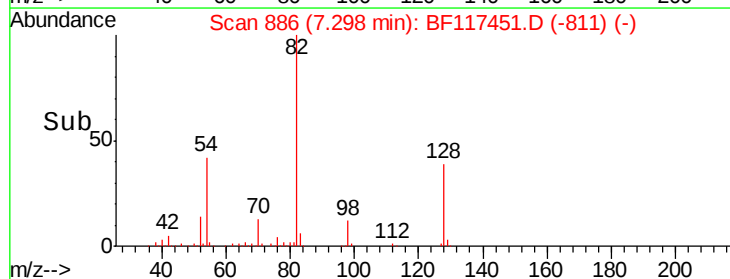
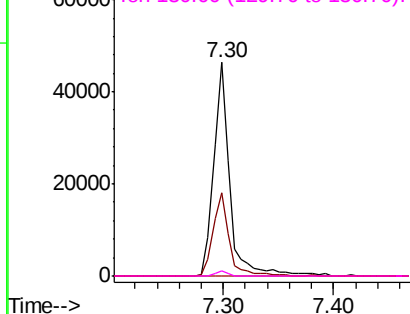
42 39.0 36.7 55.1

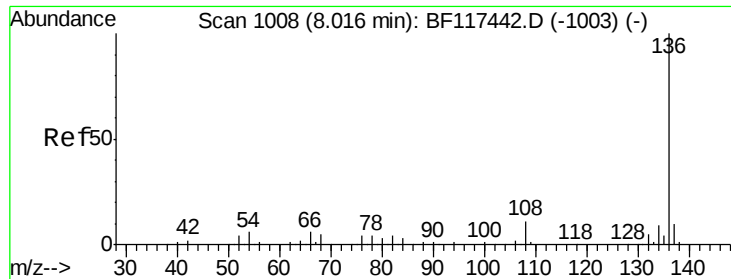
101 0.0 8.3 12.5#

130 2.2 18.1 27.1#



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

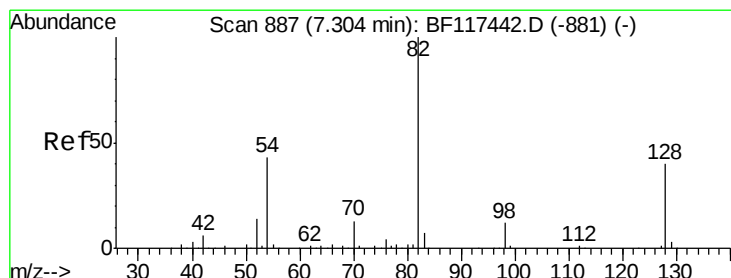
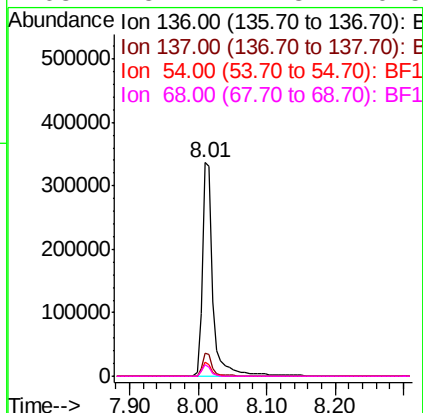
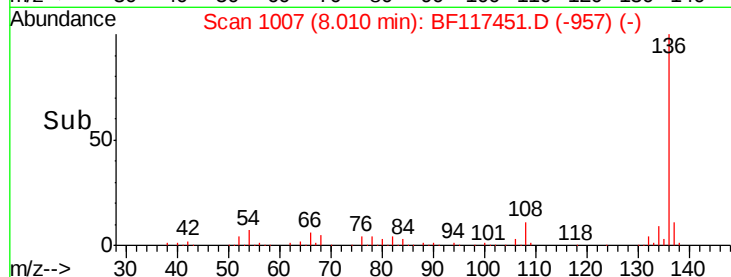
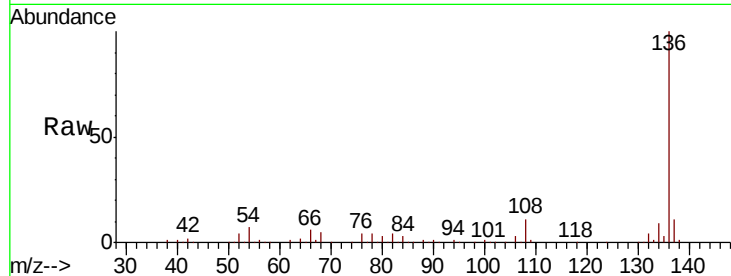




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117451.D
Acq: 21 Oct 2019 17:03

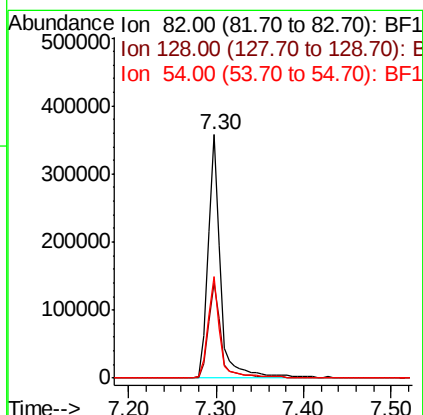
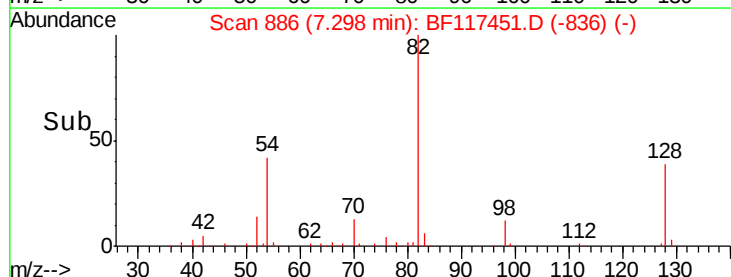
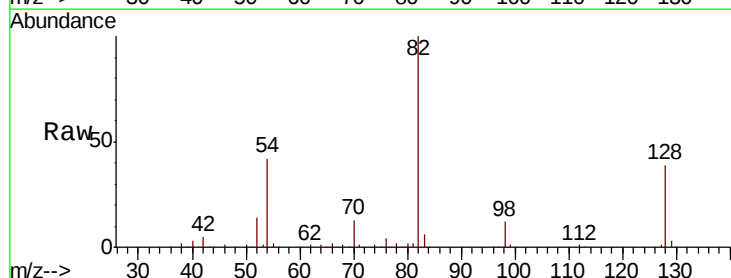
Instrument :
BNA_F
ClientSampled :

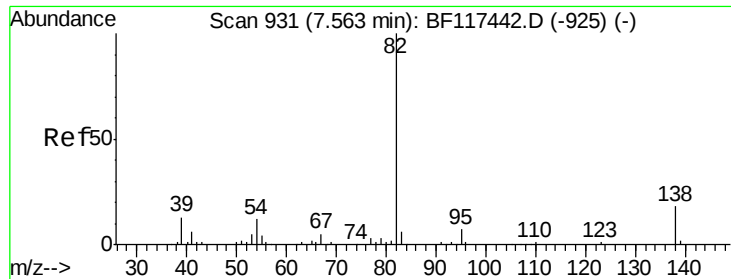
Tot Ion:	136	Resp:	373097
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	6.5	4.5	6.7
68	5.1	4.3	6.5



#23
Nitrobenzene-d5
Concen: 46.965 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117451.D
Acq: 21 Oct 2019 17:03

Tgt Ion:	82	Resp:	354937
Ion	Ratio	Lower	Upper
82	100		
128	39.3	32.2	48.2
54	41.6	34.2	51.2





#25

Isophorone

Concen: 27.148 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF117451.D

Acq: 21 Oct 2019 17:03

Instrument :

BNA_F

ClientSampled :

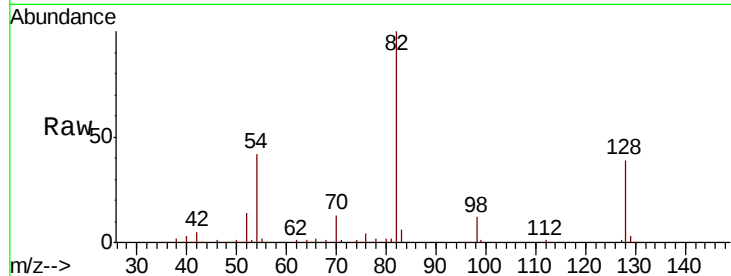
Tot Ion: 82 Resp: 354935

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

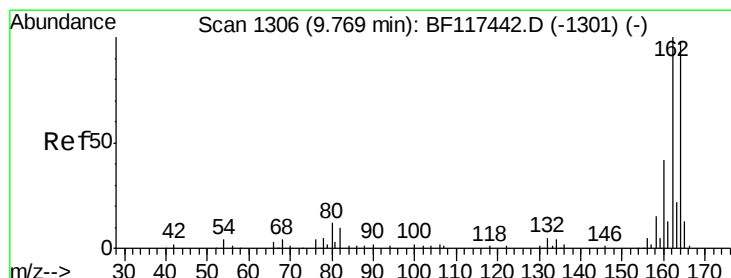
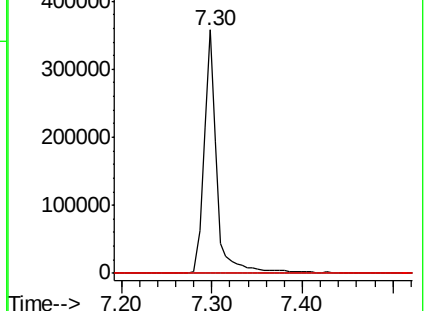
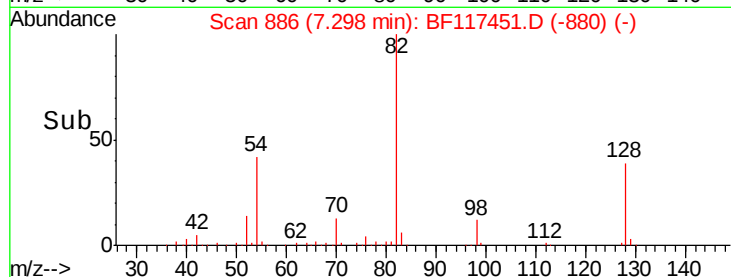
138 0.0 14.2 21.2#



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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117451.D

Acq: 21 Oct 2019 17:03

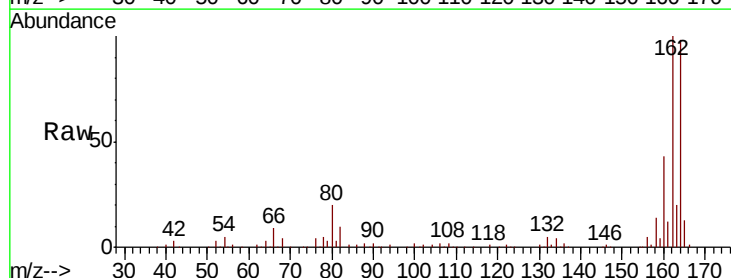
Tgt Ion: 164 Resp: 203724

Ion Ratio Lower Upper

164 100

162 101.6 81.8 122.6

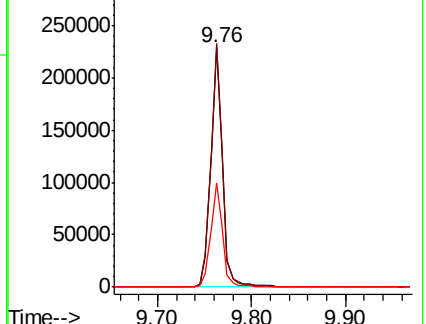
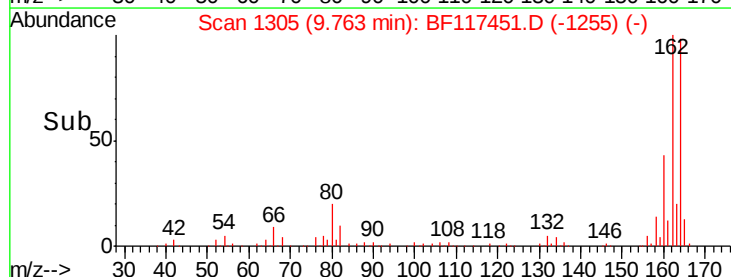
160 43.4 34.4 51.6

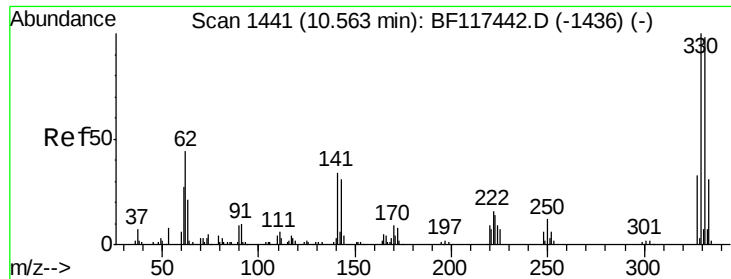


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

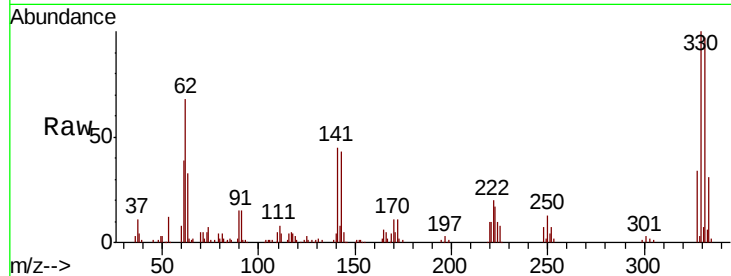




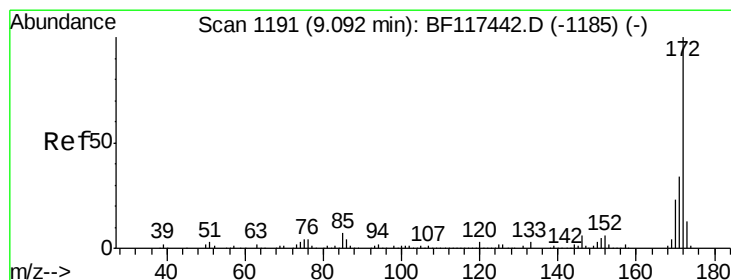
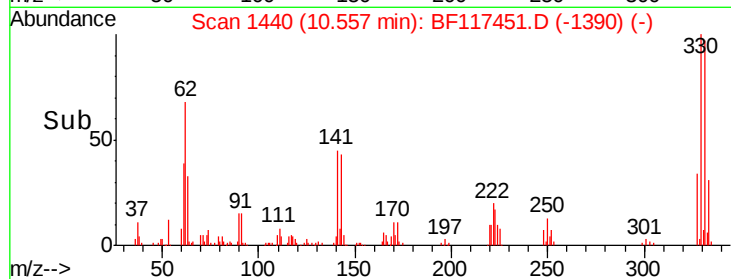
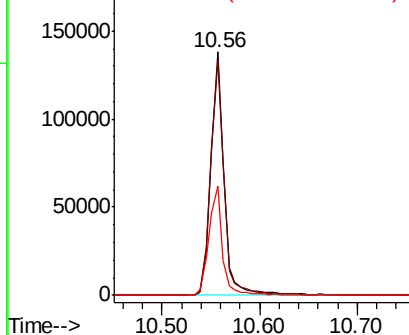
#42
 2,4,6-Tribromophenol
 Concen: 74.472 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF117451.D
 Acq: 21 Oct 2019 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.5	117.7
141	45.6	37.0	55.6

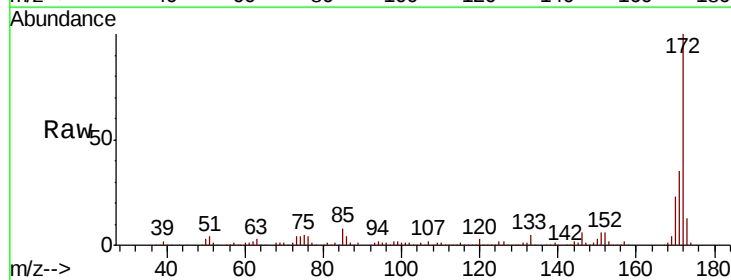


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

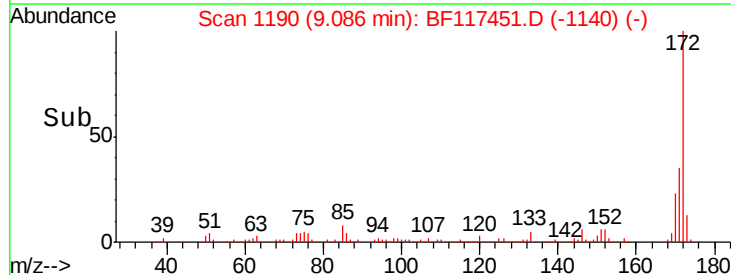
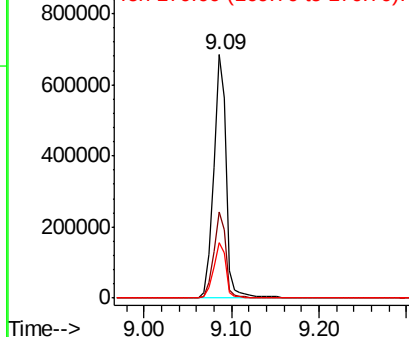


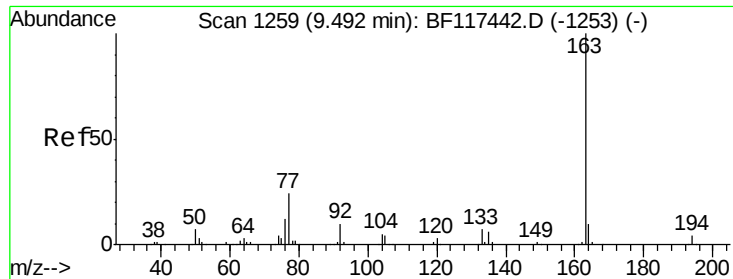
#45
 2-Fluorobiphenyl
 Concen: 46.959 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117451.D
 Acq: 21 Oct 2019 17:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.5	41.3
170	22.9	18.6	27.8



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

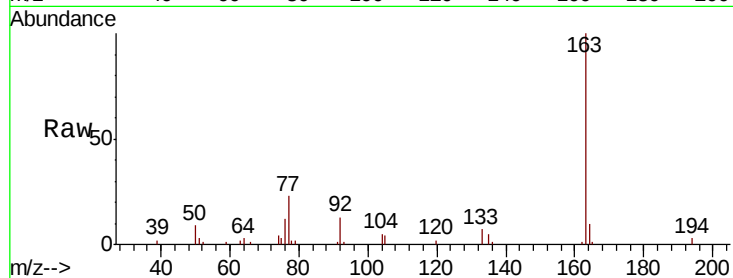




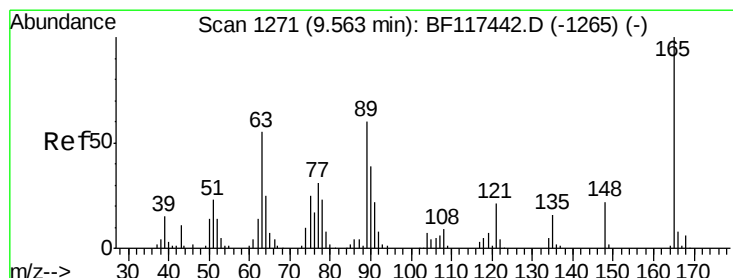
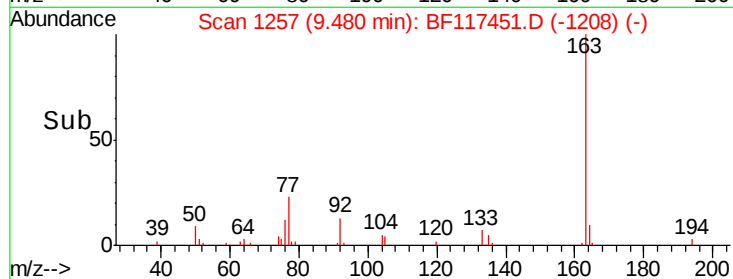
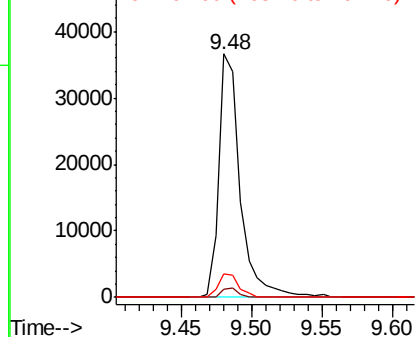
#50
Dimethylphthalate
Concen: 2.668 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117451.D
Acq: 21 Oct 2019 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 38754
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 9.8 8.2 12.2

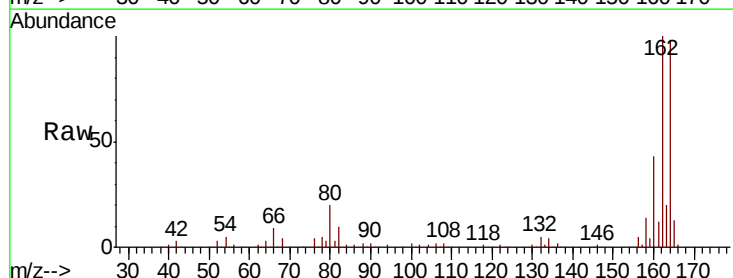


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

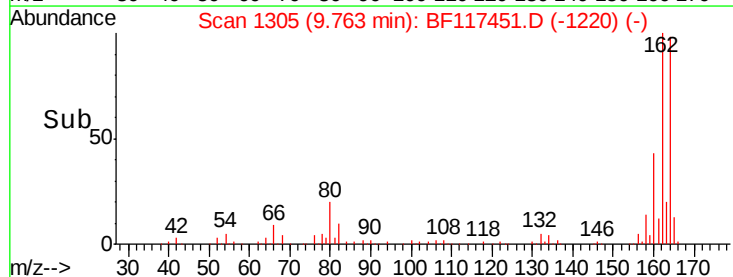
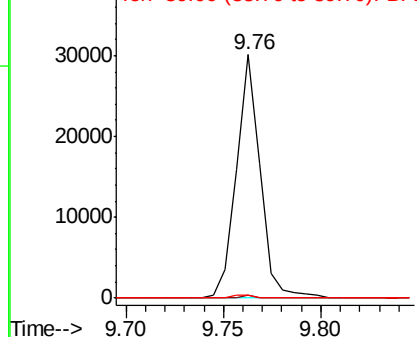


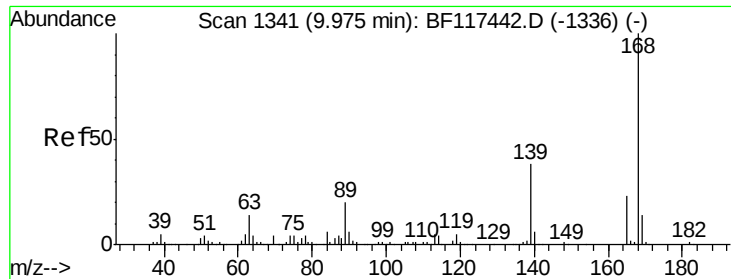
#51
2,6-Dinitrotoluene
Concen: 8.387 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF117451.D
Acq: 21 Oct 2019 17:03

Tgt Ion:165 Resp: 25417
Ion Ratio Lower Upper
165 100
63 1.2 43.8 65.8#
89 1.2 47.6 71.4#



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

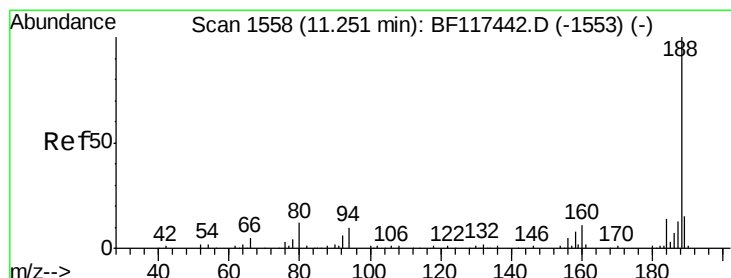
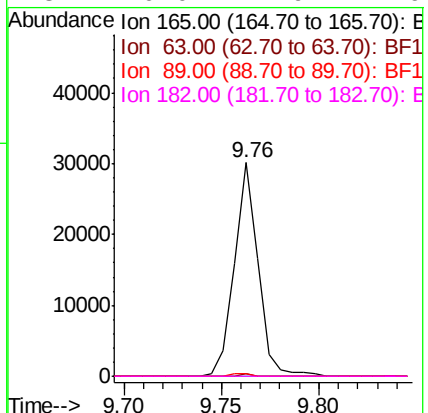
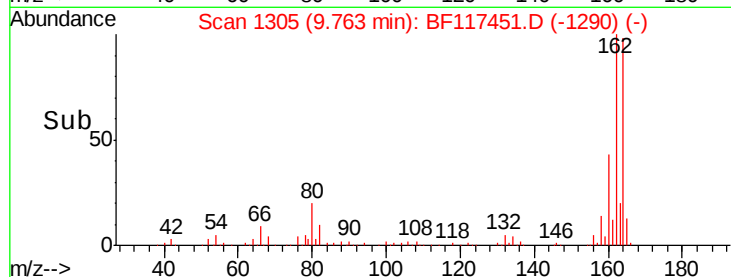
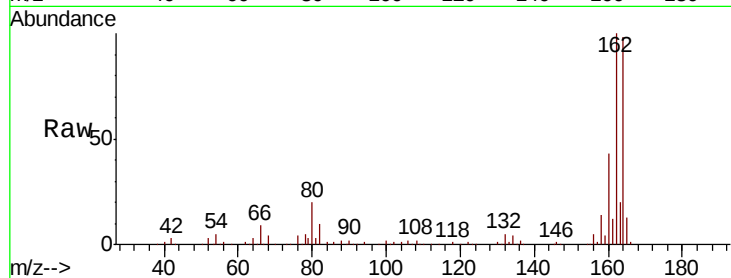




#57
 2,4-Dinitrotoluene
 Concen: 6.308 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.21 min
 Lab File: BF117451.D
 Acq: 21 Oct 2019 17:03

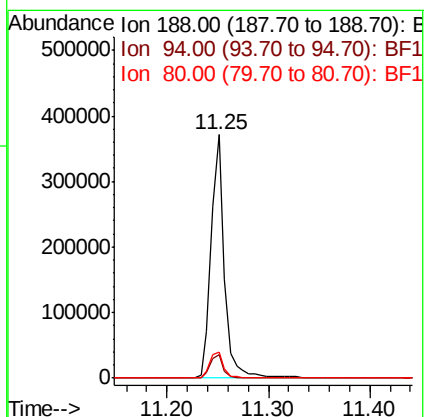
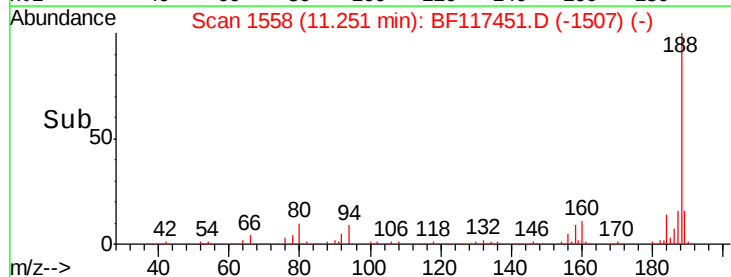
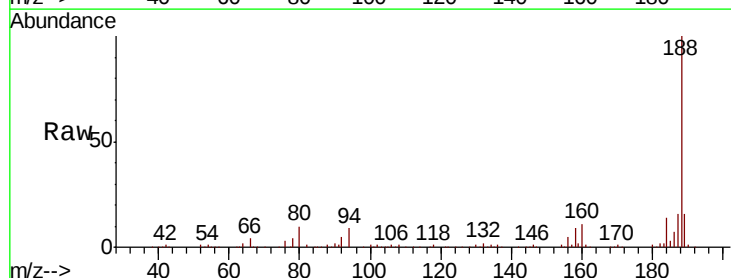
Instrument :
 BNA_F
 ClientSampleId :

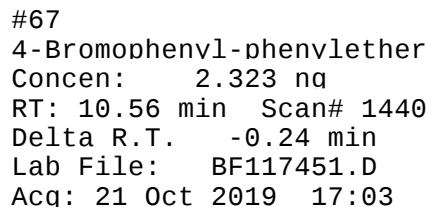
Tot Ion:165 Resp: 25417
 Ion Ratio Lower Upper
 165 100
 63 1.2 51.4 77.0#
 89 1.2 69.9 104.9#
 182 0.0 1.9 2.9#



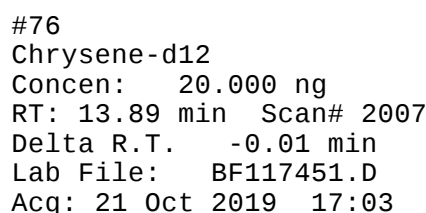
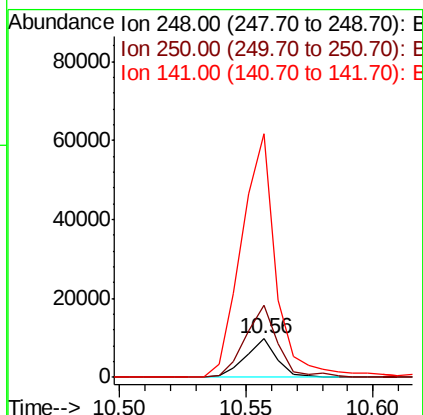
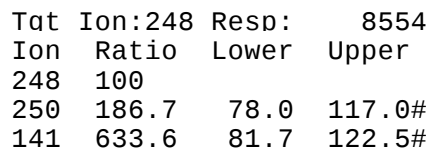
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: BF117451.D
 Acq: 21 Oct 2019 17:03

Tgt Ion:188 Resp: 341879
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.0 12.0
 80 10.5 9.5 14.3

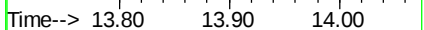
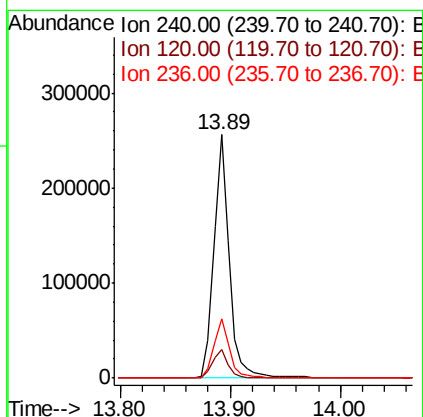


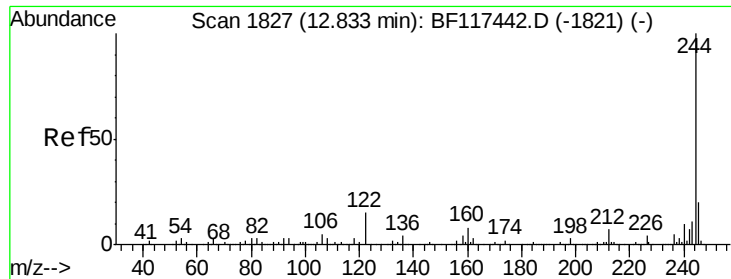


Instrument :
BNA_F
ClientSampleId :



Tgt	Ion:240	Resp:	245215
Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.4	12.6
236	24.2	20.0	30.0





#79

Terphenyl-d14

Concen: 47.803 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF117451.D

Acq: 21 Oct 2019 17:03

Instrument :

BNA_F

ClientSampled :

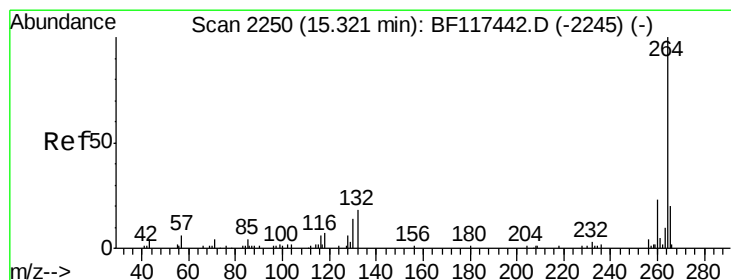
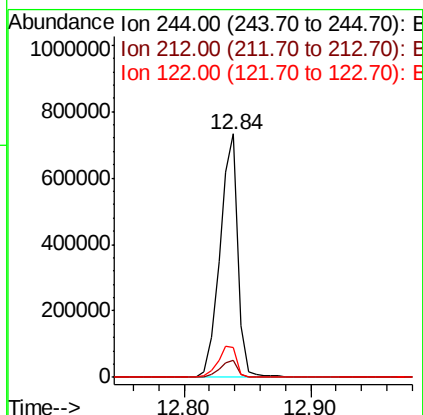
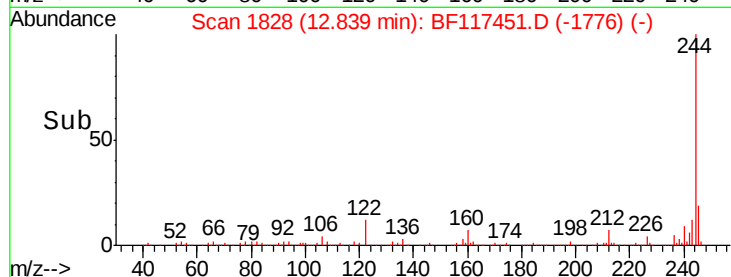
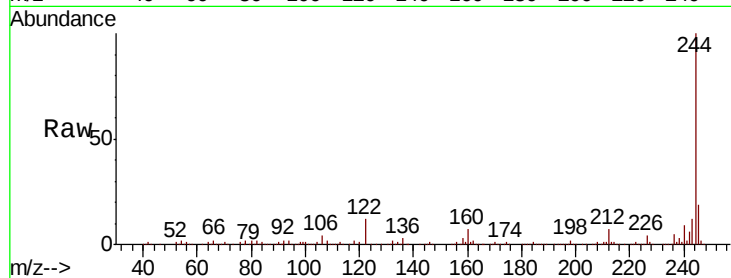
Tot Ion:244 Resp: 718654

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 12.0 11.8 17.8



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. 0.01 min

Lab File: BF117451.D

Acq: 21 Oct 2019 17:03

Tgt Ion:264 Resp: 211547

Ion Ratio Lower Upper

264 100

260 22.6 18.4 27.6

265 21.5 16.1 24.1

