

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
 Data File : BF117434.D
 Acq On : 17 Oct 2019 21:00
 Operator : JU
 Sample : K5153-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101619

Quant Time: Oct 18 03:56:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

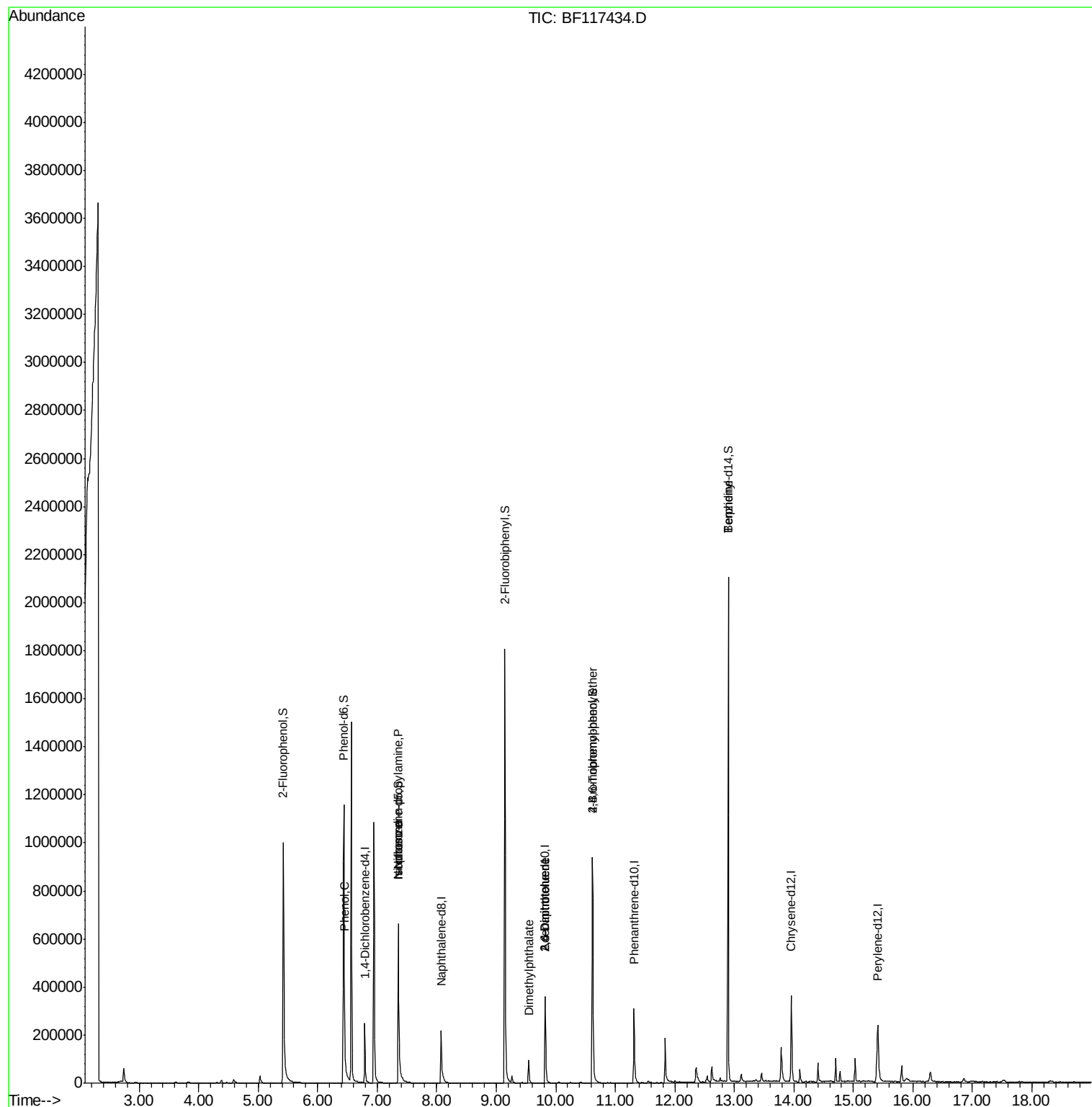
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	44424	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	178169	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	95932	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	165006	20.00	ng	0.00
76) Chrysene-d12	13.96	240	139849	20.00	ng	0.00
87) Perylene-d12	15.42	264	139890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	381707	132.20	ng	0.01
7) Phenol-d6	6.44	99	505735	132.02	ng	0.00
23) Nitrobenzene-d5	7.36	82	327233	93.10	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	122895	157.40	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	602910	91.62	ng	0.00
79) Terphenyl-d14	12.90	244	694520	80.96	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	695	Below Cal		Qvalue
10) Phenol	6.45	94	11488	2.778 ng	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	42935	17.578 ng	#	85
25) Isophorone	7.36	82	327231	52.263 ng	#	78
50) Dimethylphthalate	9.55	163	52640	7.640 ng	#	67
51) 2,6-Dinitrotoluene	9.82	165	12286	8.484 ng	#	99
57) 2,4-Dinitrotoluene	9.82	165	12286	6.430 ng	#	21
67) 4-Bromophenyl-phenylether	10.62	248	7699	4.254 ng	#	12
77) Benzidine	12.90	184	9251	2.675 ng	#	1
					#	94

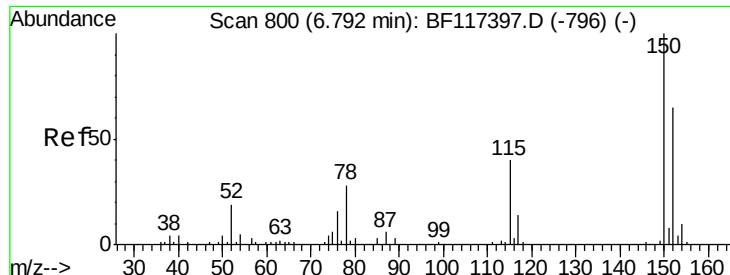
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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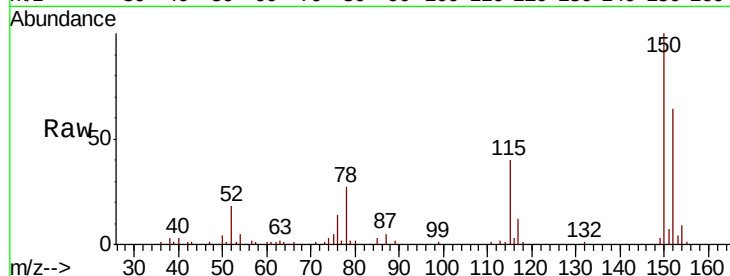


#1

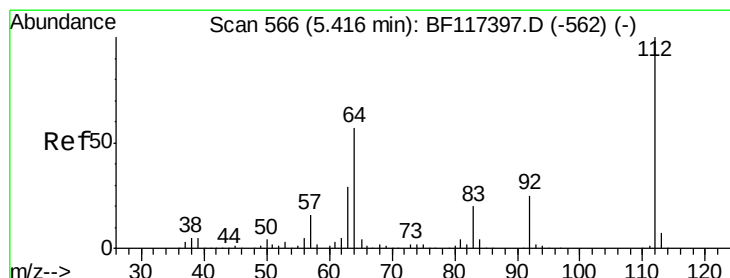
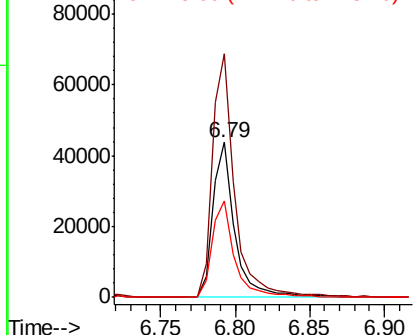
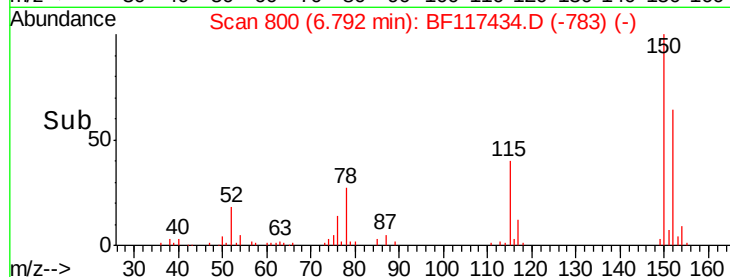
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117434.D
Acq: 17 Oct 2019 21:00

Instrument :
BNA_F
ClientSampleId :
TR-04-101619

Tot Ion:152 Resp: 44424
Ion Ratio Lower Upper
152 100
150 157.2 122.7 184.1
115 62.2 48.6 73.0



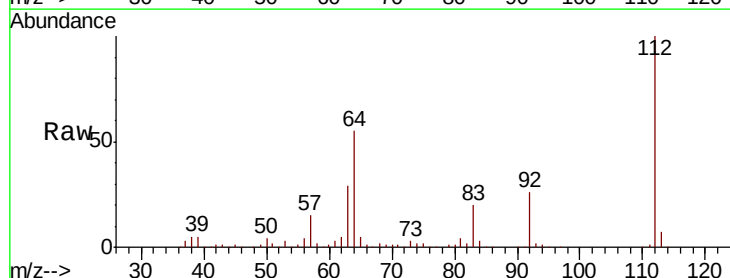
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



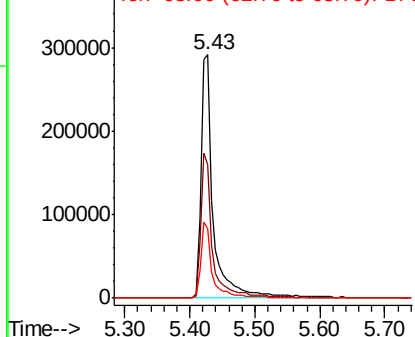
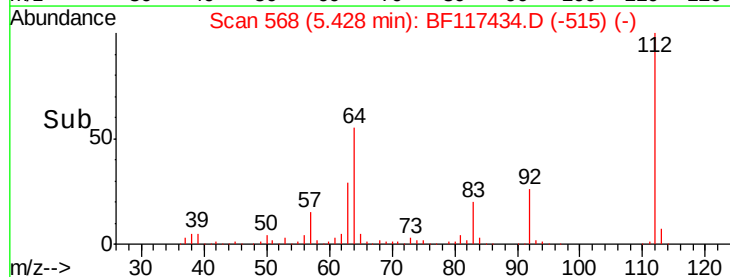
#5

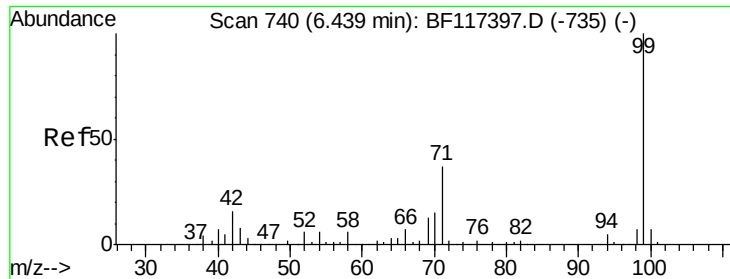
2-Fluorophenol
Concen: 132.204 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF117434.D
Acq: 17 Oct 2019 21:00

Tgt Ion:112 Resp: 381707
Ion Ratio Lower Upper
112 100
64 54.9 45.2 67.8
63 28.5 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: 132.017 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117434.D

Acq: 17 Oct 2019 21:00

Instrument :

BNA_F

ClientSampleId :

TR-04-101619

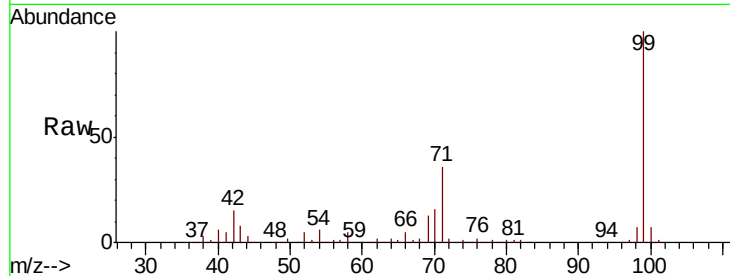
Tot Ion: 99 Resp: 505735

Ion Ratio Lower Upper

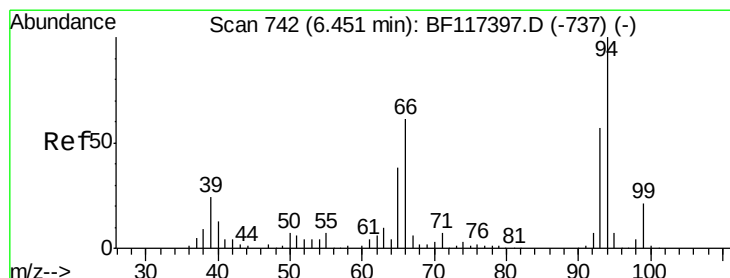
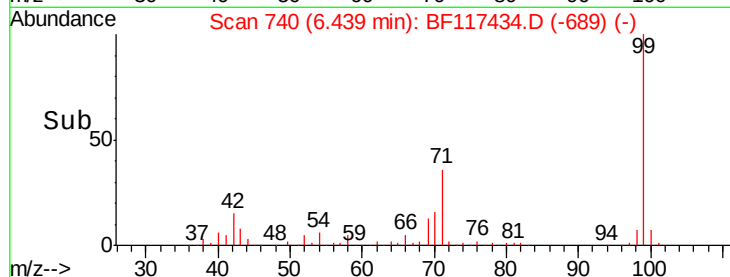
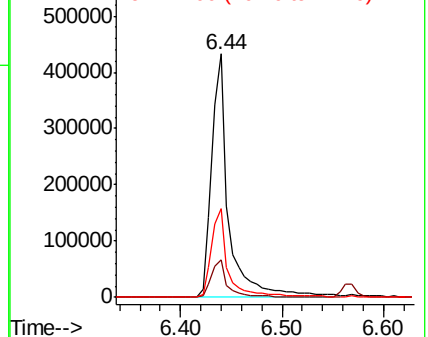
99 100

42 15.3 12.5 18.7

71 36.5 29.2 43.8



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



#10

Phenol

Concen: 2.778 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF117434.D

Acq: 17 Oct 2019 21:00

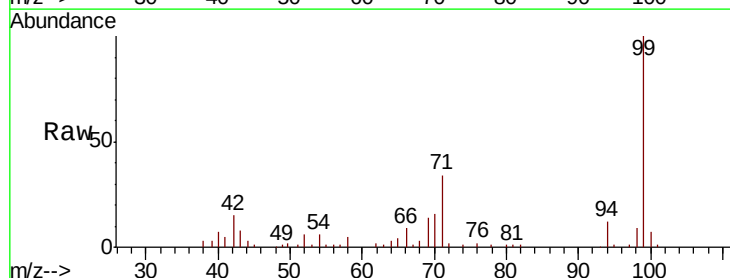
Tgt Ion: 94 Resp: 11488

Ion Ratio Lower Upper

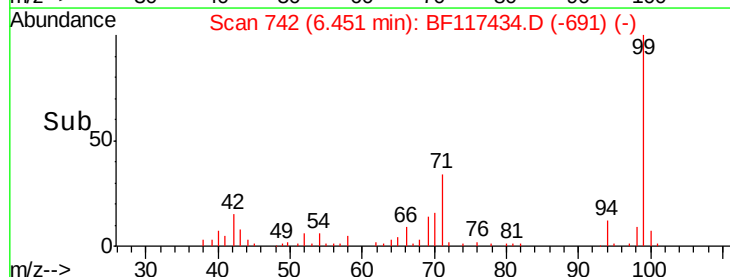
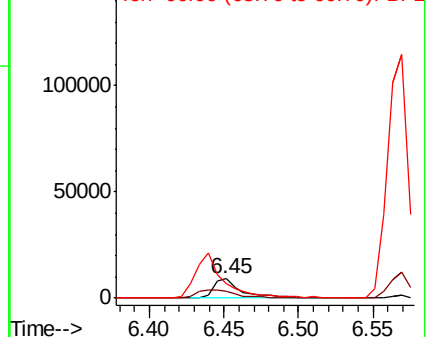
94 100

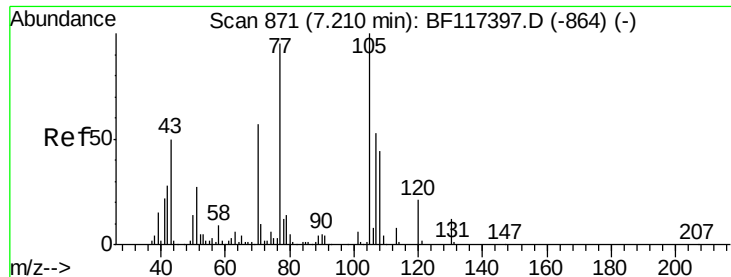
65 33.7 18.2 58.2

66 75.8 41.1 81.1



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

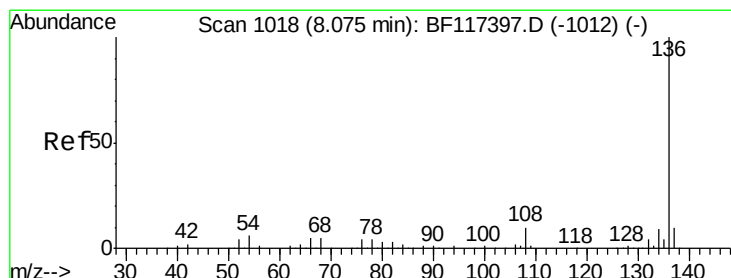
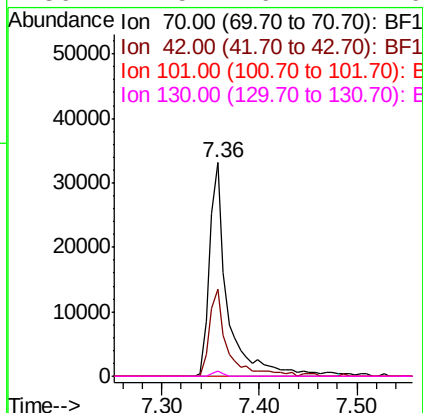
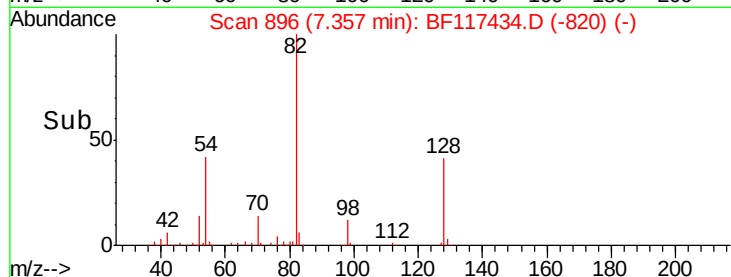
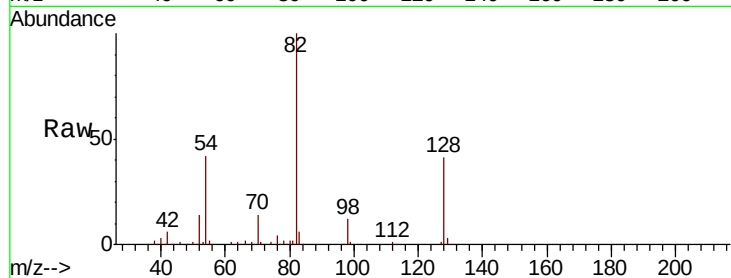




#19
n-Nitroso-di-n-propylamine
Concen: 17.578 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF117434.D
Acq: 17 Oct 2019 21:00

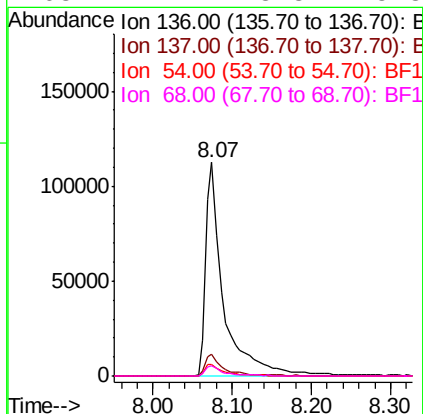
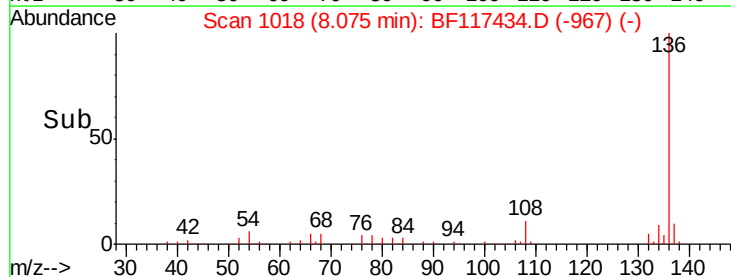
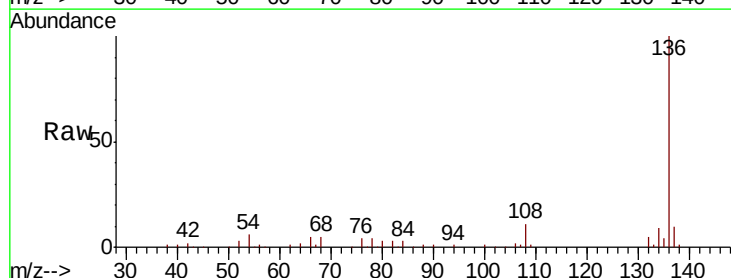
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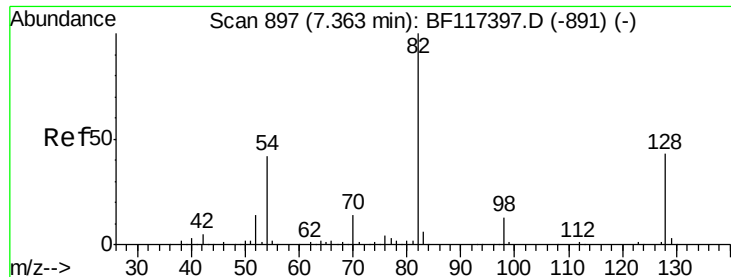
Tot Ion: 70 Resp: 42935
Ion Ratio Lower Upper
70 100
42 40.7 39.8 59.8
101 0.0 8.1 12.1#
130 2.5 16.4 24.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117434.D
Acq: 17 Oct 2019 21:00

Tgt Ion:136 Resp: 178169
Ion Ratio Lower Upper
136 100
137 10.2 8.4 12.6
54 5.7 4.6 6.8
68 4.7 3.8 5.8

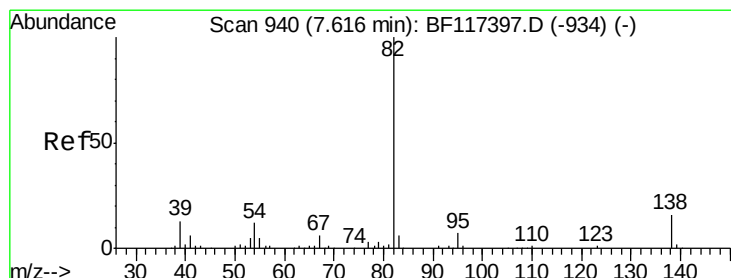
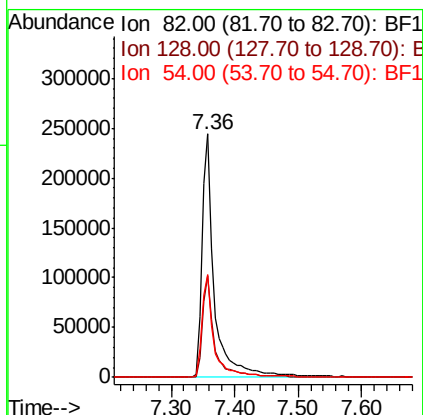
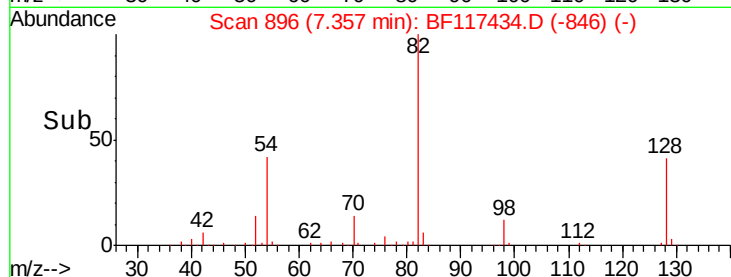
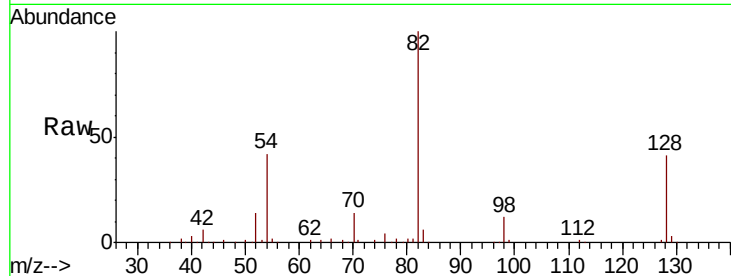




#23
Nitrobenzene-d5
Concen: 93.100 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117434.D
Acq: 17 Oct 2019 21:00

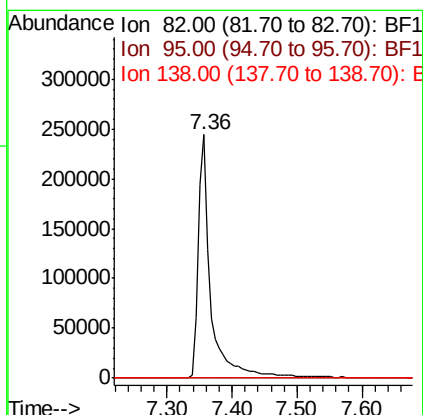
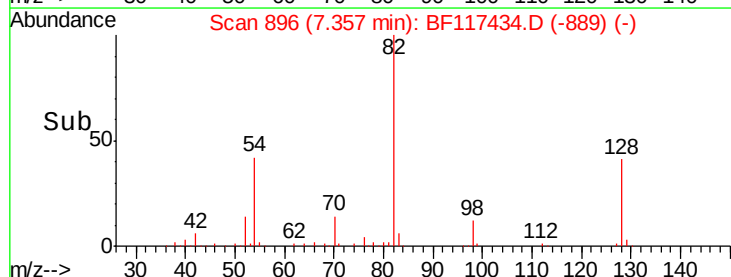
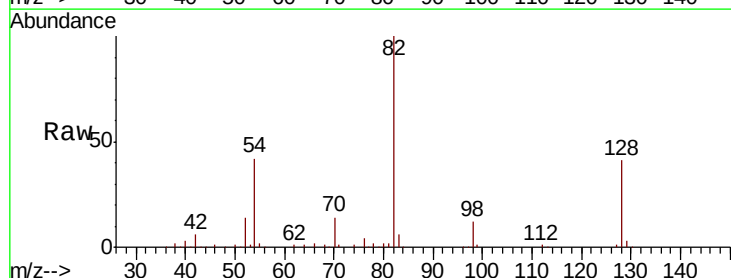
Instrument :
BNA_F
ClientSampleId :
TR-04-101619

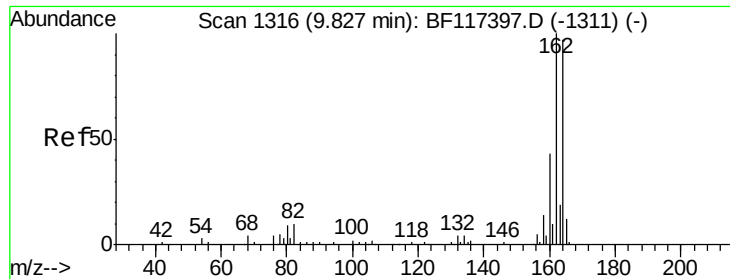
Tot Ion	82	Resp	327233
Ion Ratio	Lower	Upper	
82	100		
128	41.5	34.1	51.1
54	42.2	33.3	49.9



#25
Isophorone
Concen: 52.263 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF117434.D
Acq: 17 Oct 2019 21:00

Tgt Ion	82	Resp	327231
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.0#
138	0.0	13.0	19.4#

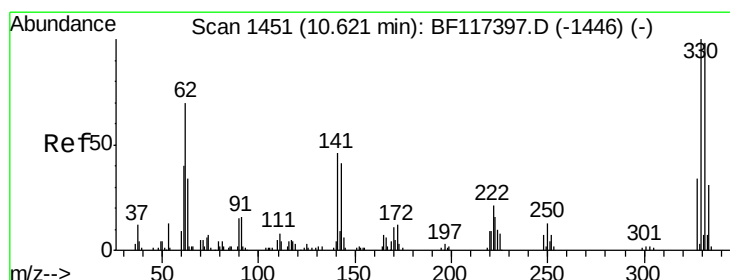
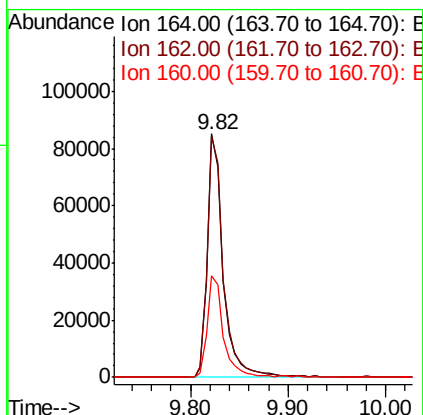
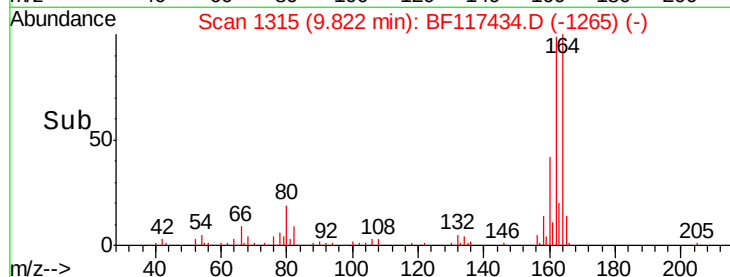
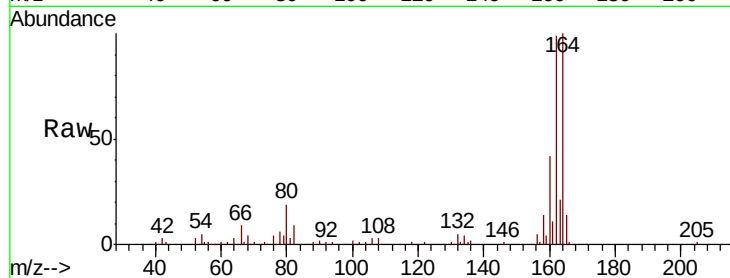




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF117434.D
Acq: 17 Oct 2019 21:00

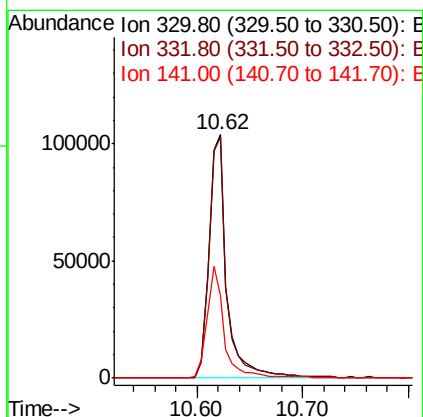
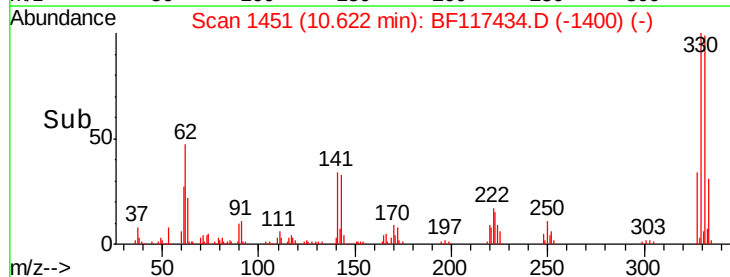
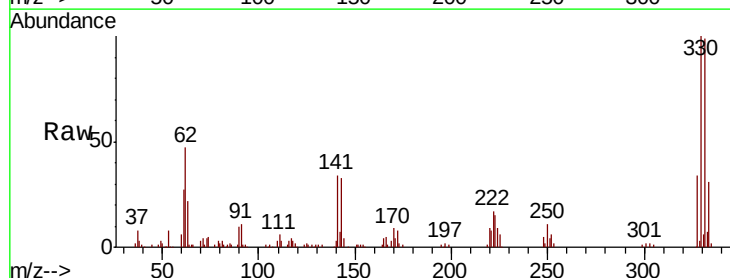
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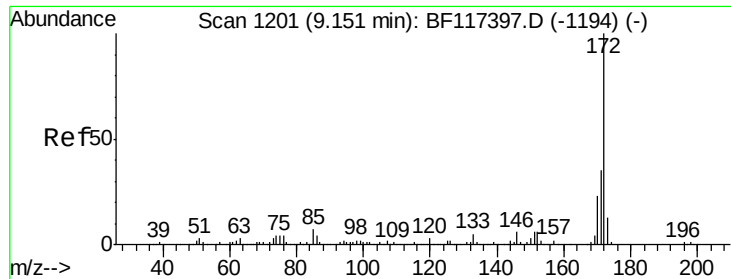
Tot Ion:164 Resp: 95932
Ion Ratio Lower Upper
164 100
162 98.9 82.4 123.6
160 41.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 157.405 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF117434.D
Acq: 17 Oct 2019 21:00

Tgt Ion:330 Resp: 122895
Ion Ratio Lower Upper
330 100
332 98.2 75.0 112.6
141 44.2 34.2 51.4

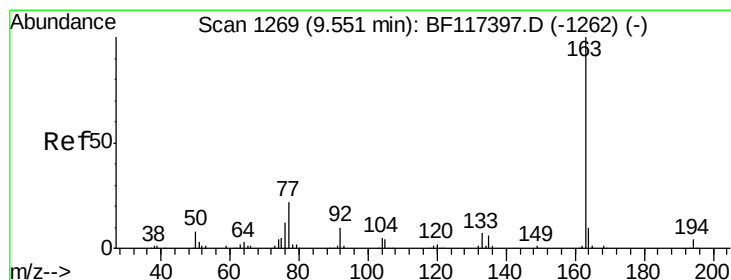
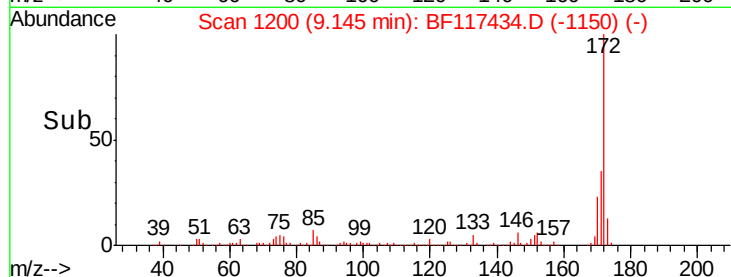
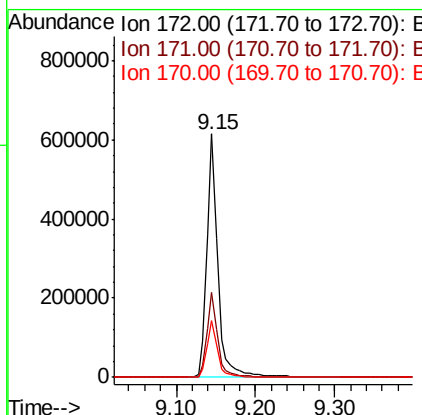
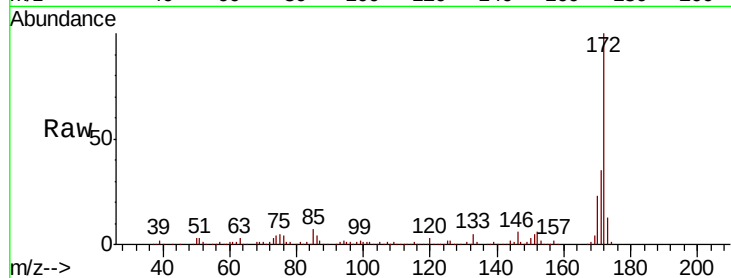




#45
2-Fluorobiphenyl
Concen: 91.624 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF117434.D
Acq: 17 Oct 2019 21:00

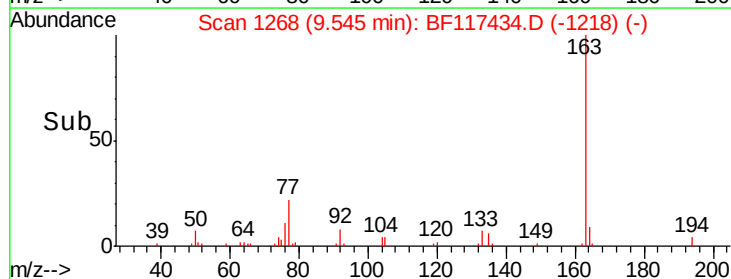
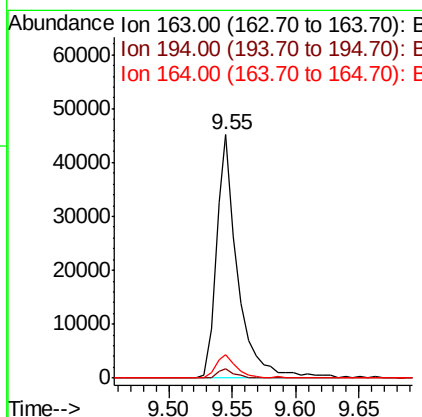
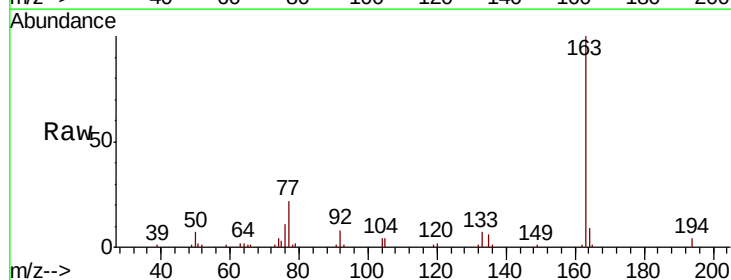
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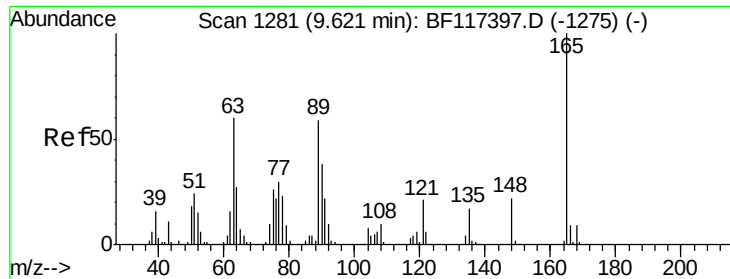
Tot Ion:172 Resp: 602910
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.4 18.2 27.2



#50
Dimethylphthalate
Concen: 7.640 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117434.D
Acq: 17 Oct 2019 21:00

Tgt Ion:163 Resp: 52640
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.5 8.0 12.0

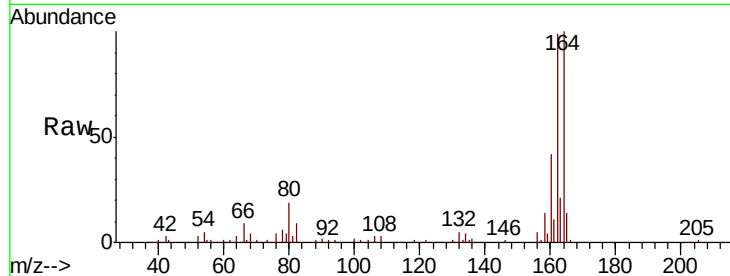




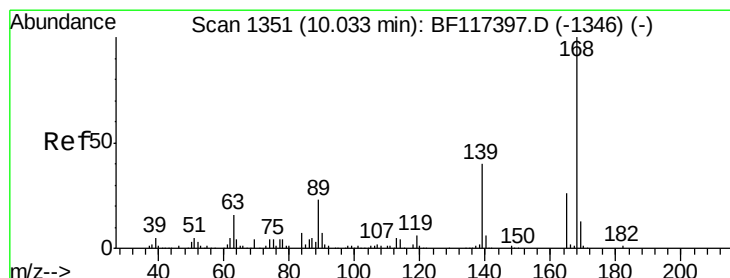
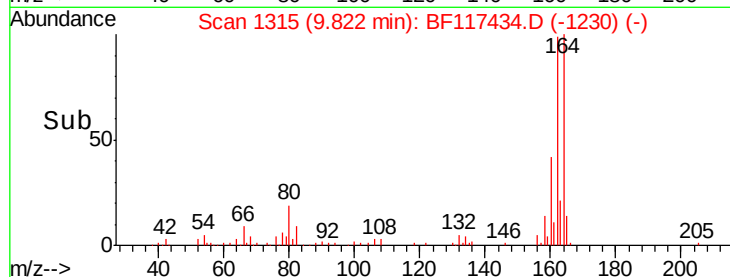
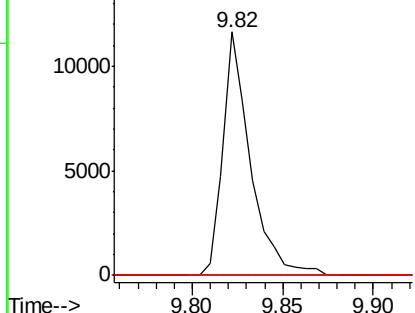
#51
 2,6-Dinitrotoluene
 Concen: 8.484 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.20 min
 Lab File: BF117434.D
 Acq: 17 Oct 2019 21:00

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101619

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.8	71.6#
89	0.0	47.4	71.0#

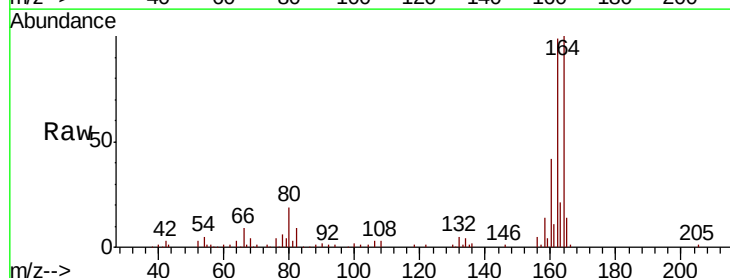


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

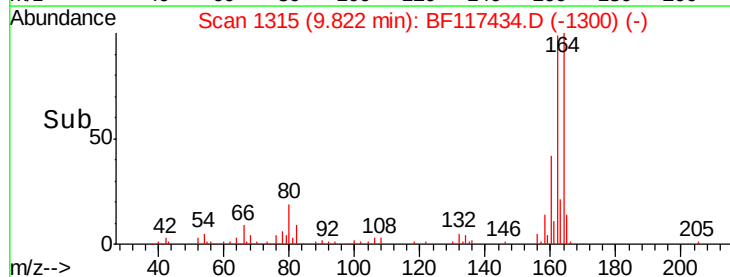
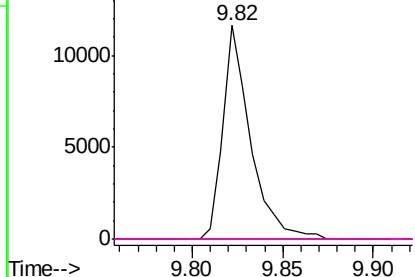


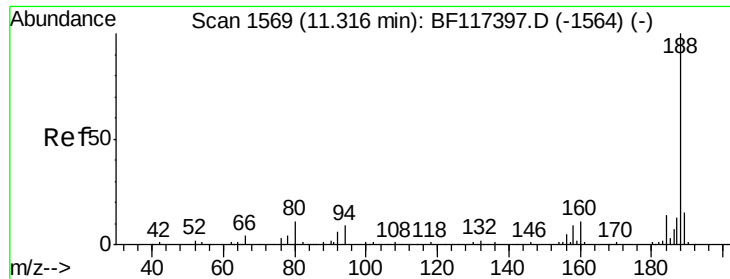
#57
 2,4-Dinitrotoluene
 Concen: 6.430 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.21 min
 Lab File: BF117434.D
 Acq: 17 Oct 2019 21:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.0	76.4#
89	0.0	70.7	106.1#
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# 1569

Delta R.T. 0.00 min

Lab File: BF117434.D

Acq: 17 Oct 2019 21:00

Instrument :

BNA_F

ClientSampleId :

TR-04-101619

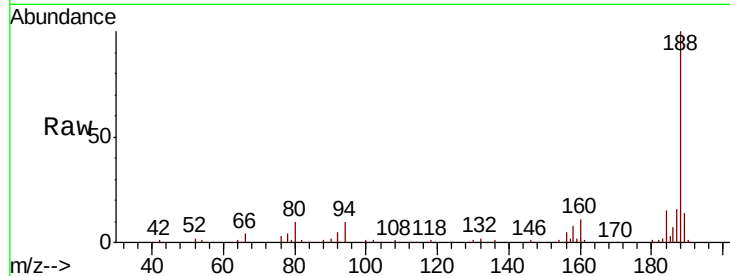
Tot Ion:188 Resp: 165006

Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

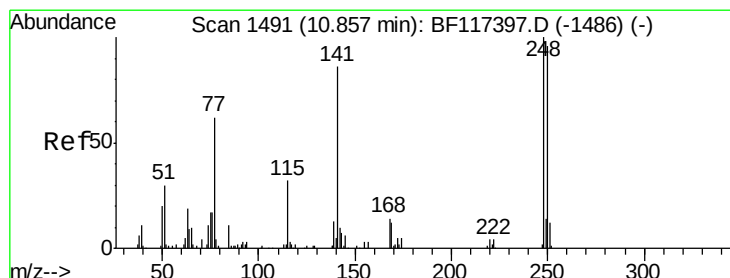
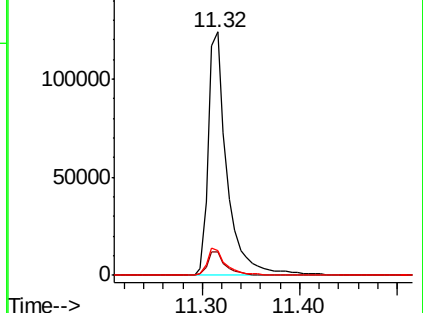
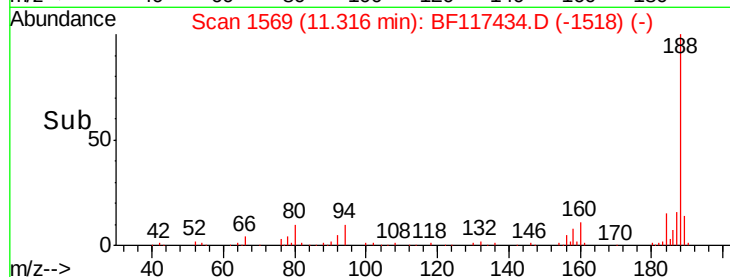
80 10.1 8.7 13.1



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



#67

4-Bromophenyl-phenylether

Concen: 4.254 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.24 min

Lab File: BF117434.D

Acq: 17 Oct 2019 21:00

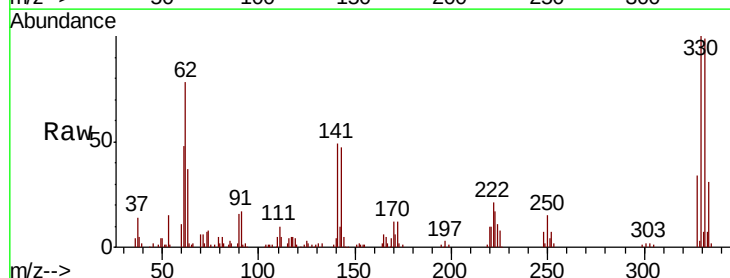
Tgt Ion:248 Resp: 7699

Ion Ratio Lower Upper

248 100

250 201.6 77.1 115.7#

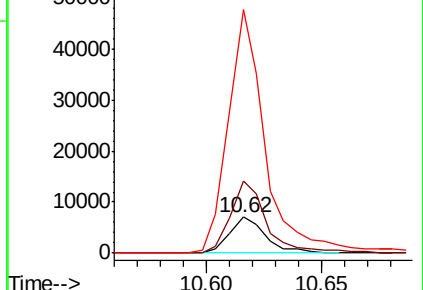
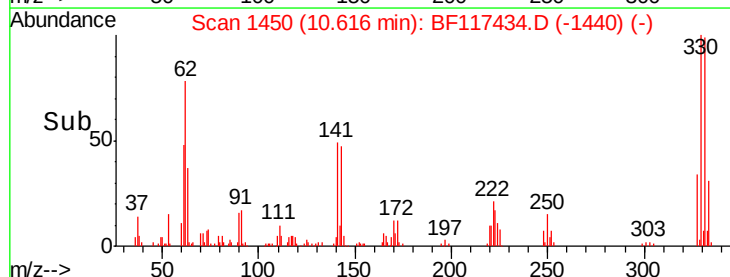
141 680.7 69.1 103.7#

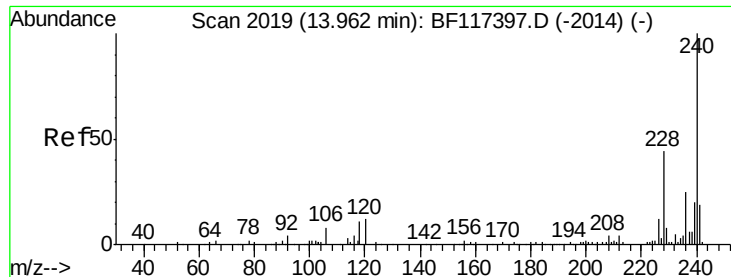


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

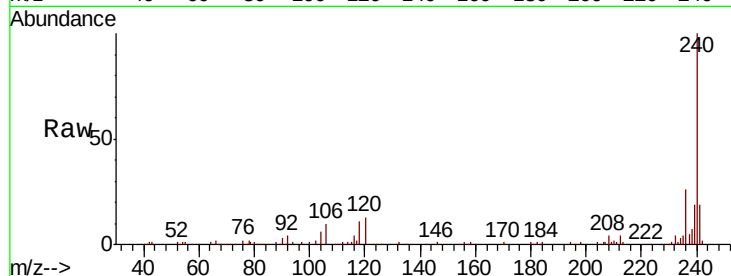




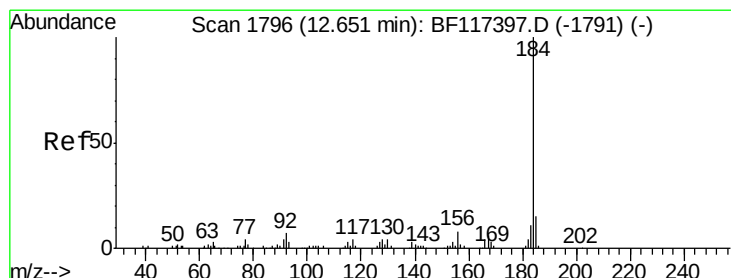
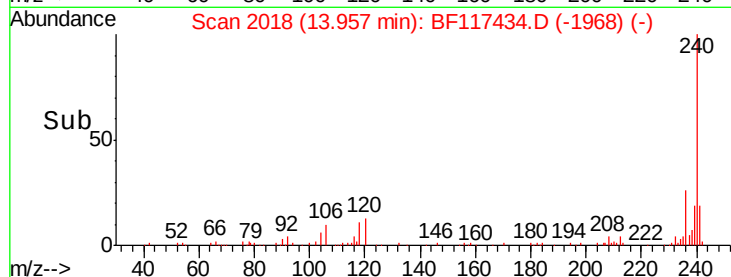
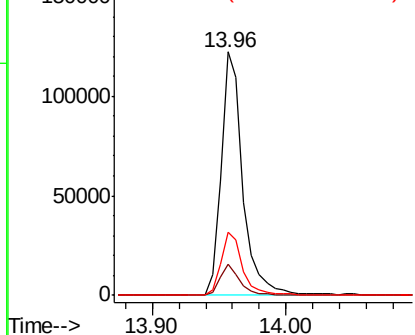
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF117434.D
 Acq: 17 Oct 2019 21:00

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101619

Tot Ion:240 Resp: 139849
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.4 14.0
 236 26.1 19.8 29.6

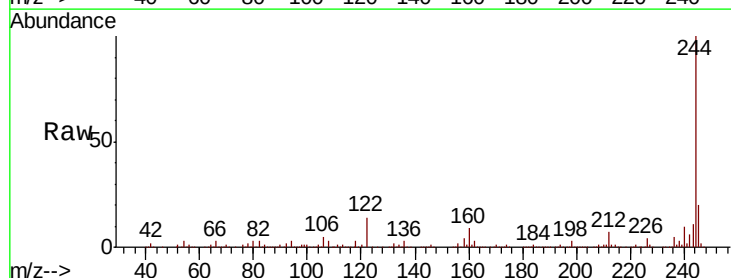


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

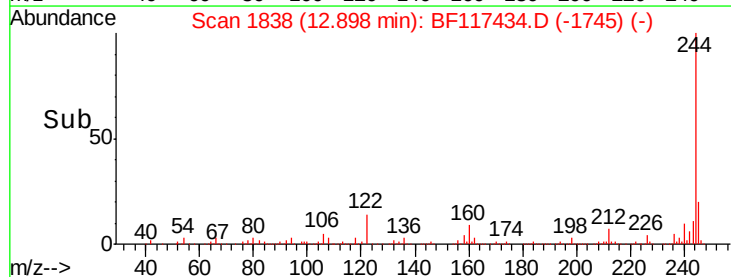
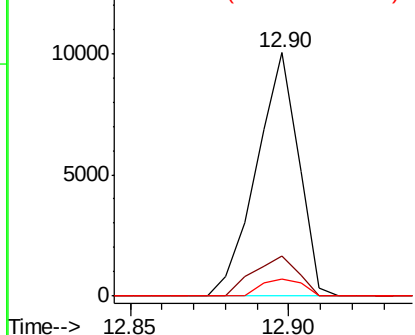


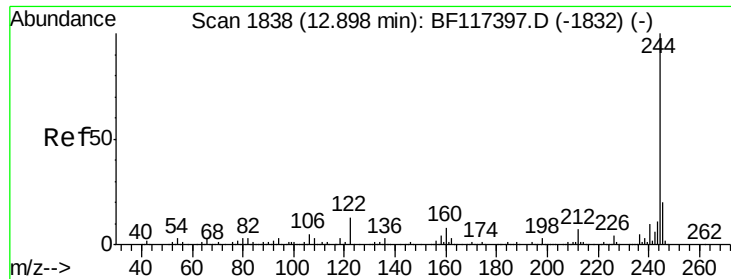
#77
 Benzidine
 Concen: 2.675 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.25 min
 Lab File: BF117434.D
 Acq: 17 Oct 2019 21:00

Tgt Ion:184 Resp: 9251
 Ion Ratio Lower Upper
 184 100
 185 16.4 12.2 18.2
 183 7.0 8.9 13.3#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E

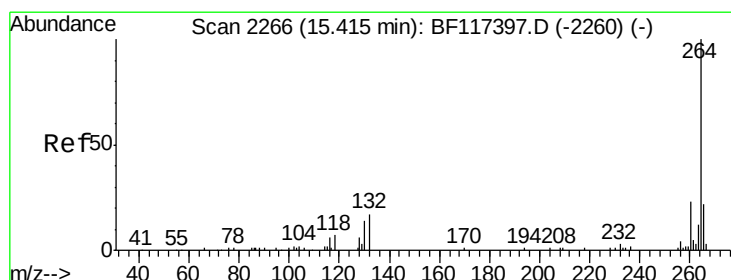
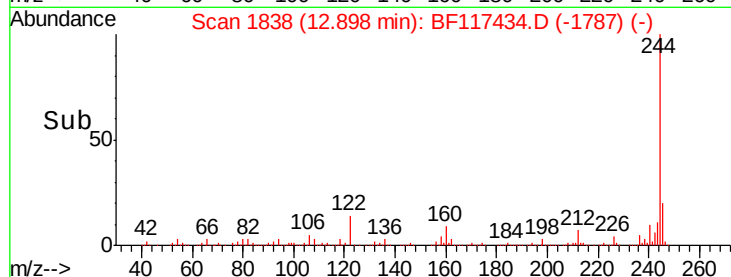
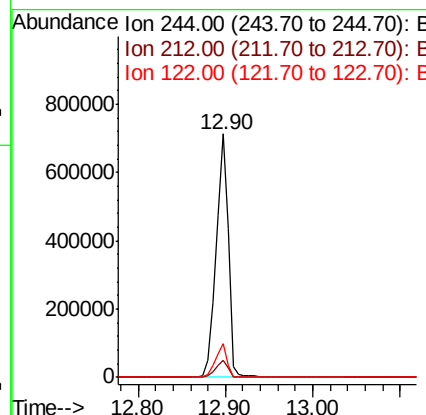
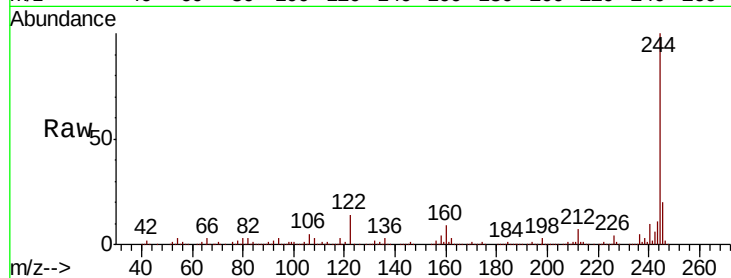




#79
 Terphenyl-d14
 Concen: 80.957 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF117434.D
 Acq: 17 Oct 2019 21:00

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101619

Tot Ion:244 Resp: 694520
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 14.0 10.7 16.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: BF117434.D
 Acq: 17 Oct 2019 21:00

Tgt Ion:264 Resp: 139890
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 27.8
 265 21.8 17.4 26.0

