

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
 Data File : BF117436.D
 Acq On : 17 Oct 2019 21:53
 Operator : JU
 Sample : K5393-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-9-U1-U3-(0-28)

Quant Time: Oct 18 03:56:23 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

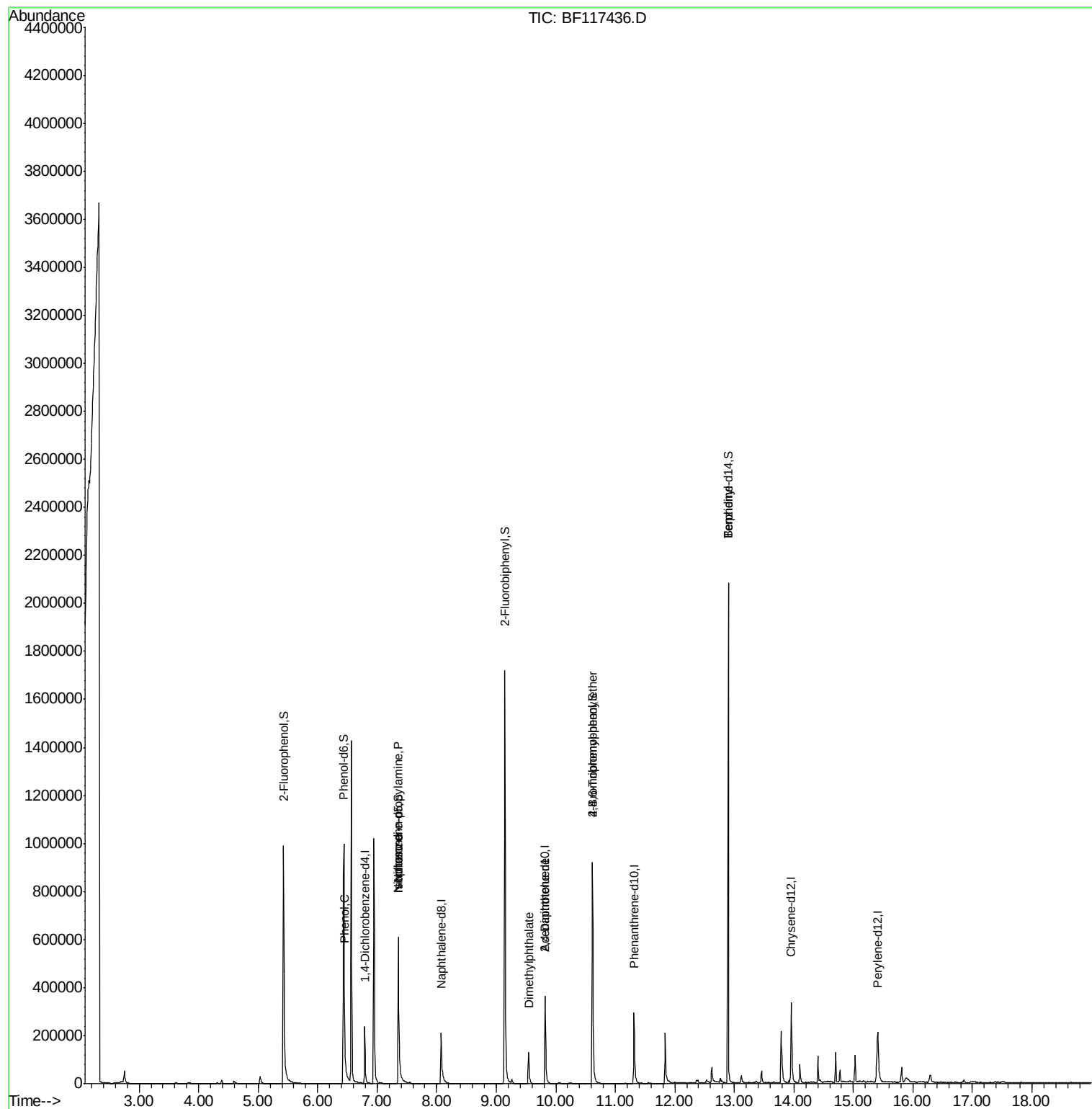
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	43000	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	175736	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	94460	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	162454	20.00	ng	0.00
76) Chrysene-d12	13.96	240	137974	20.00	ng	0.00
87) Perylene-d12	15.41	264	128603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	366078	130.99	ng	0.01
7) Phenol-d6	6.44	99	470898	126.99	ng	0.00
23) Nitrobenzene-d5	7.36	82	306912	88.53	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	117283	152.56	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	577117	89.07	ng	0.00
79) Terphenyl-d14	12.90	244	666529	78.75	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	650	Below Cal		Qvalue
10) Phenol	6.45	94	15500	3.872 ng	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	39162	16.564 ng	#	93
25) Isophorone	7.36	82	306910	49.696 ng	#	77
50) Dimethylphthalate	9.55	163	80271	11.833 ng	#	67
57) 2,4-Dinitrotoluene	9.82	165	11898	6.324 ng	#	97
67) 4-Bromophenyl-phenylether	10.62	248	7366	4.134 ng	#	12
77) Benzidine	12.90	184	8738	2.561 ng	#	1
						95

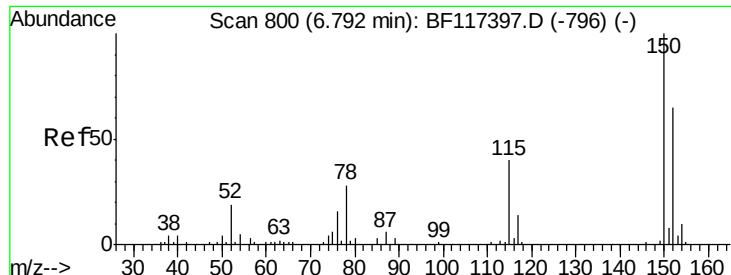
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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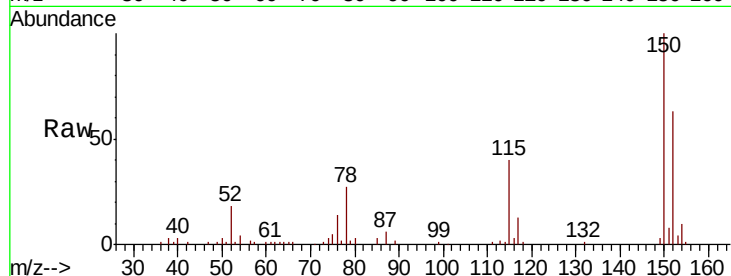


#1

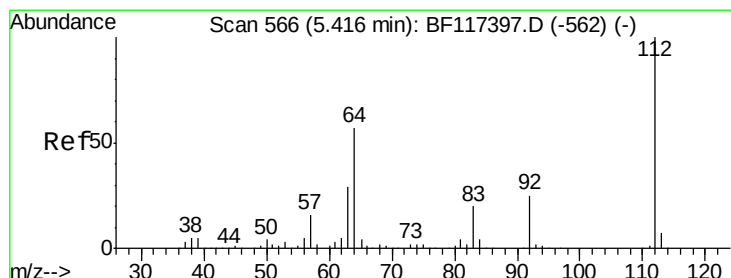
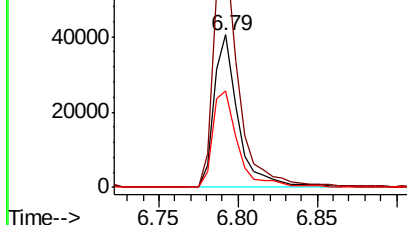
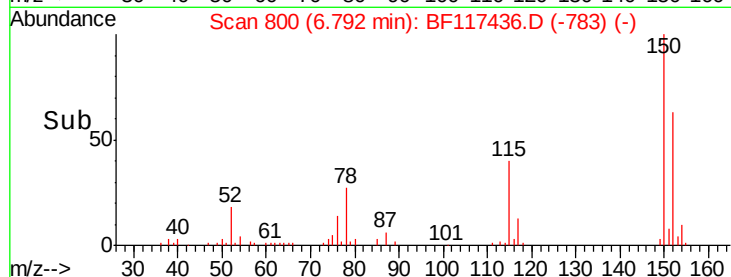
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117436.D
Acq: 17 Oct 2019 21:53

Instrument :
BNA_F
ClientSampleId :
T-9-U1-U3-(0-28)

Tot Ion:152 Resp: 43000
Ion Ratio Lower Upper
152 100
150 159.5 122.7 184.1
115 63.1 48.6 73.0



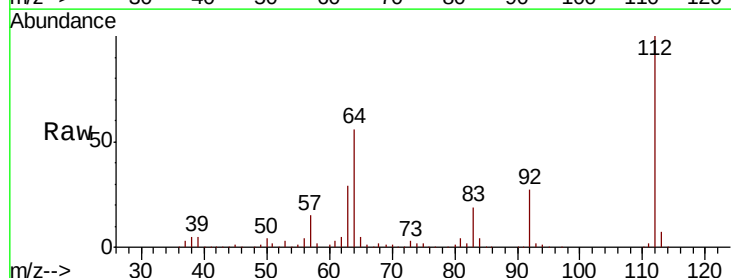
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



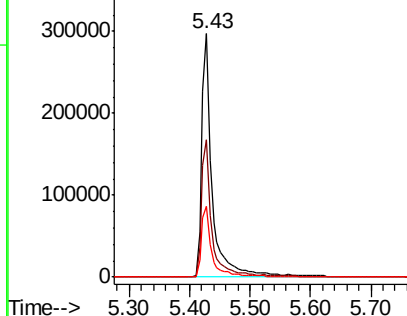
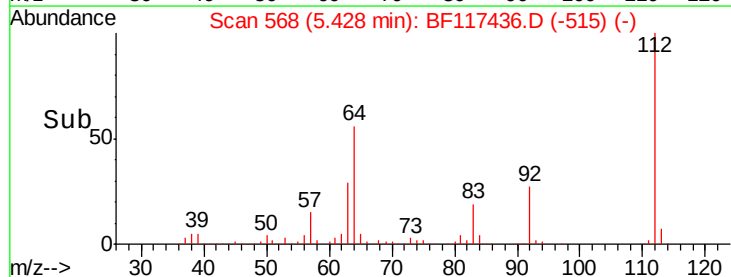
#5

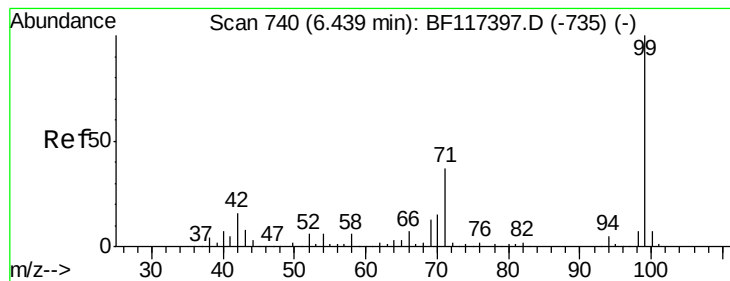
2-Fluorophenol
Concen: 130.990 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF117436.D
Acq: 17 Oct 2019 21:53

Tgt Ion:112 Resp: 366078
Ion Ratio Lower Upper
112 100
64 56.3 45.2 67.8
63 29.2 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: 126.994 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117436.D

Acq: 17 Oct 2019 21:53

Instrument :

BNA_F

ClientSampleId :

T-9-U1-U3-(0-28)

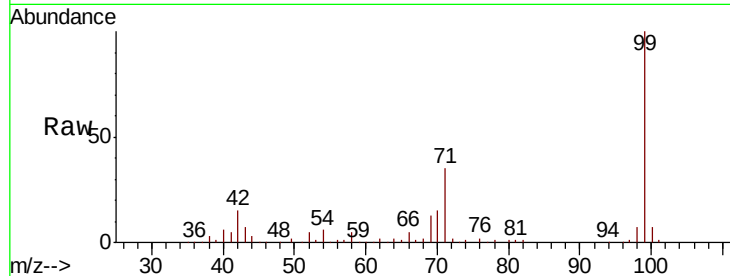
Tot Ion: 99 Resp: 470898

Ion Ratio Lower Upper

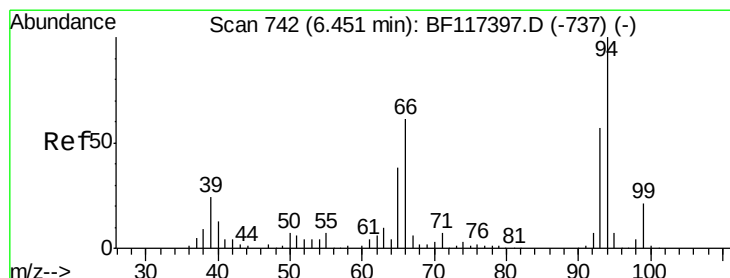
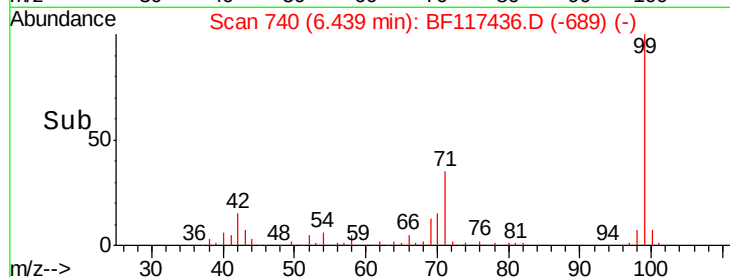
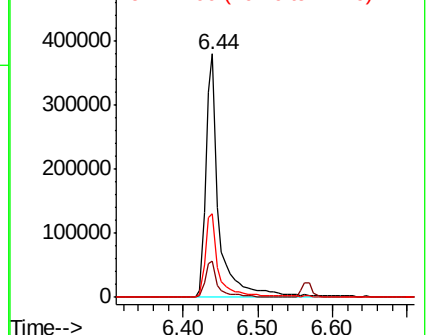
99 100

42 15.0 12.5 18.7

71 34.6 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: 3.872 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF117436.D

Acq: 17 Oct 2019 21:53

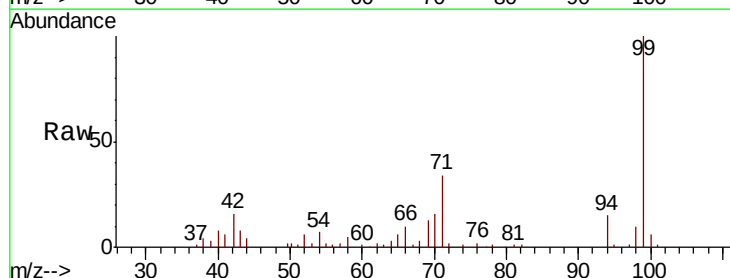
Tgt Ion: 94 Resp: 15500

Ion Ratio Lower Upper

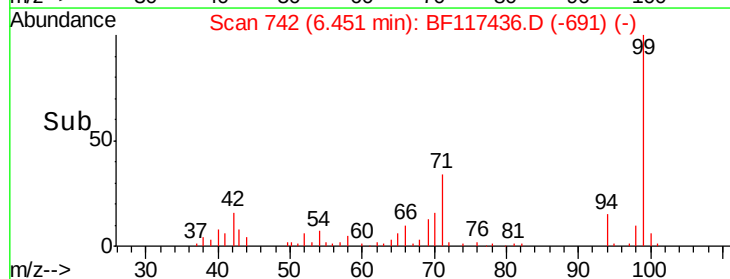
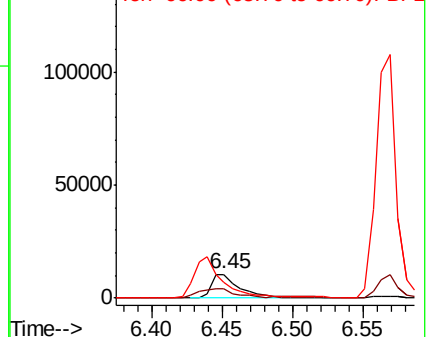
94 100

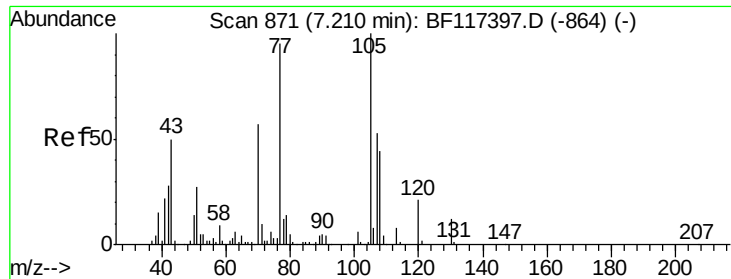
65 37.6 18.2 58.2

66 69.2 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

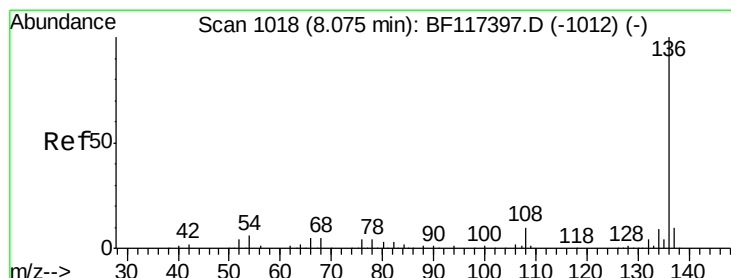
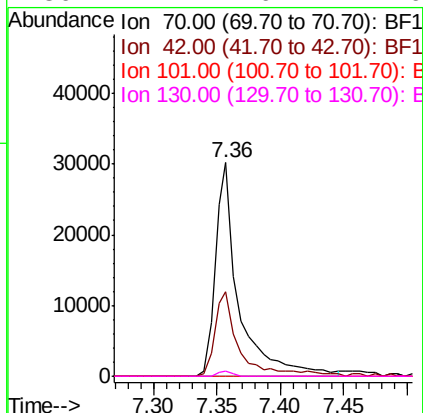
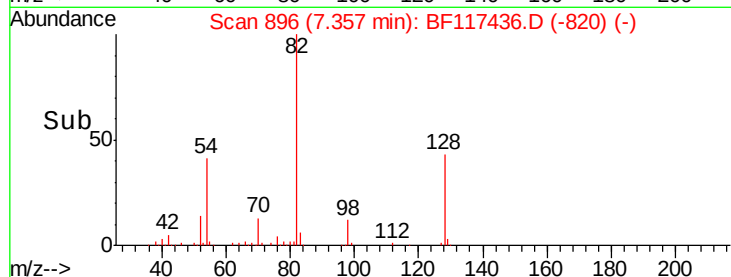
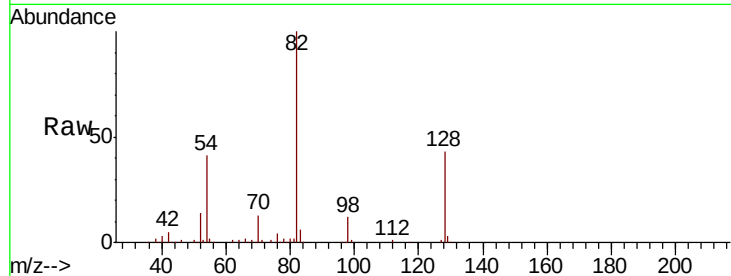




#19
n-Nitroso-di-n-propylamine
Concen: 16.564 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF117436.D
Acq: 17 Oct 2019 21:53

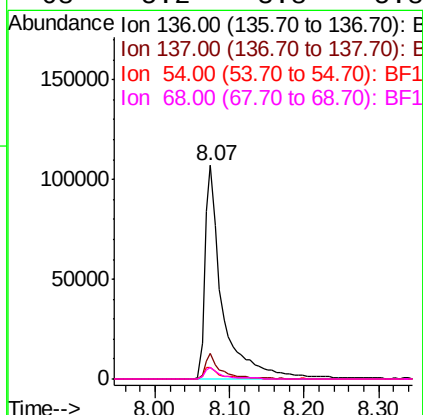
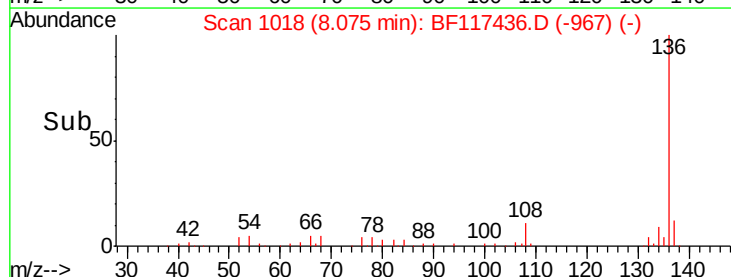
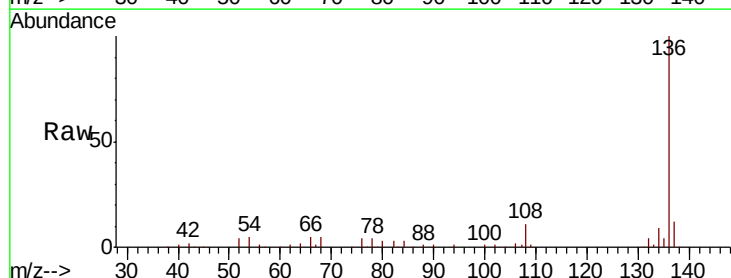
Instrument :
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T-9-U1-U3-(0-28)

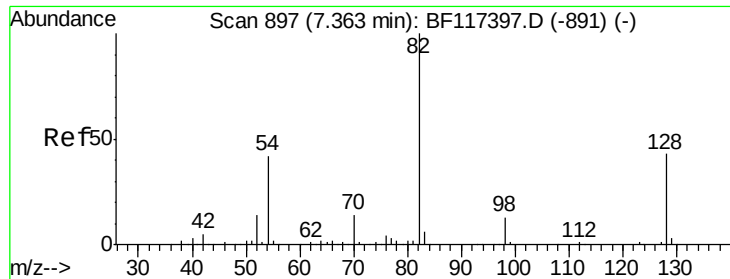
Tot Ion: 70 Resp: 39162
Ion Ratio Lower Upper
70 100
42 39.6 39.8 59.8#
101 0.0 8.1 12.1#
130 2.1 16.4 24.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117436.D
Acq: 17 Oct 2019 21:53

Tgt Ion:136 Resp: 175736
Ion Ratio Lower Upper
136 100
137 11.9 8.4 12.6
54 5.2 4.6 6.8
68 5.2 3.8 5.8

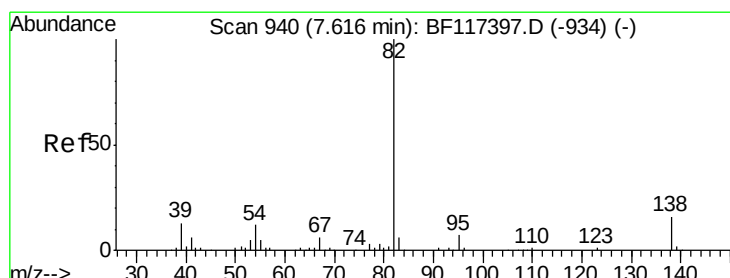
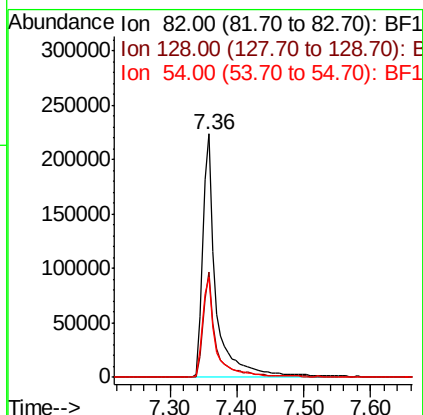
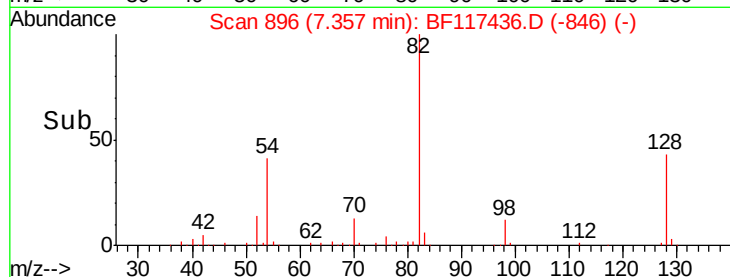
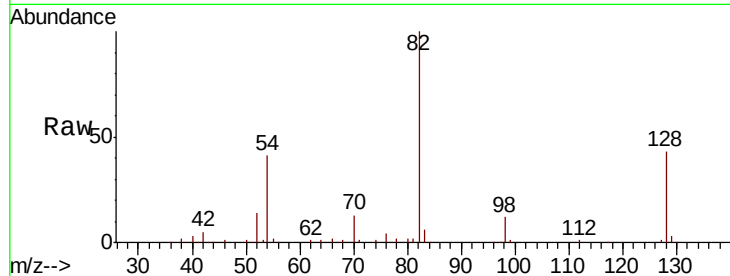




#23
Nitrobenzene-d5
Concen: 88.528 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117436.D
Acq: 17 Oct 2019 21:53

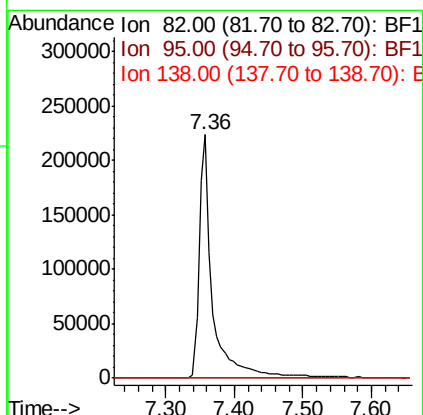
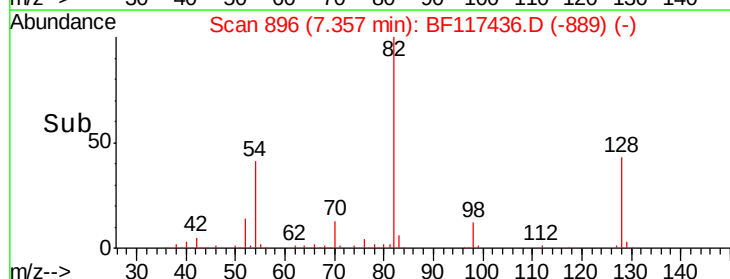
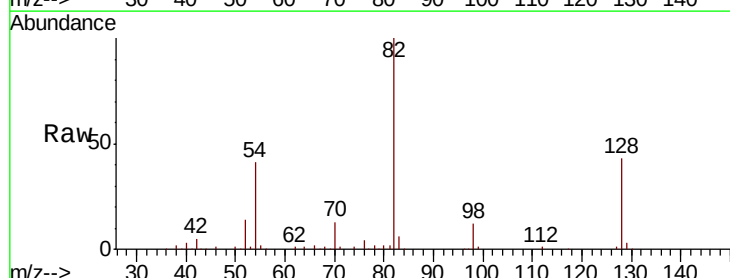
Instrument :
BNA_F
ClientSampleId :
T-9-U1-U3-(0-28)

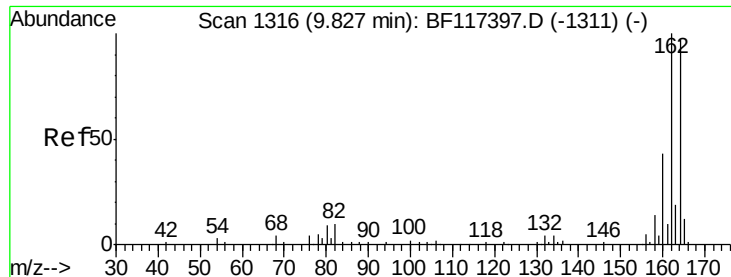
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.1	51.1
54	41.1	33.3	49.9



#25
Isophorone
Concen: 49.696 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF117436.D
Acq: 17 Oct 2019 21:53

Tgt 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: BF117436.D

Acq: 17 Oct 2019 21:53

Instrument :

BNA_F

ClientSampleId :

T-9-U1-U3-(0-28)

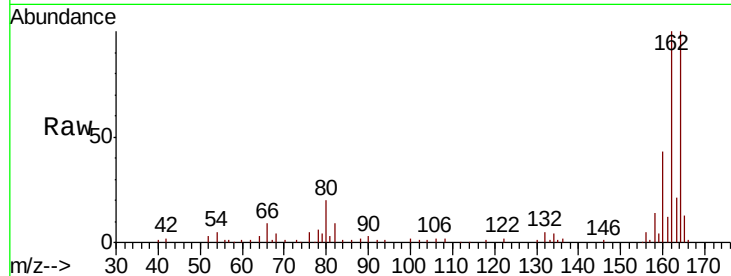
Tot Ion:164 Resp: 94460

Ion Ratio Lower Upper

164 100

162 100.3 82.4 123.6

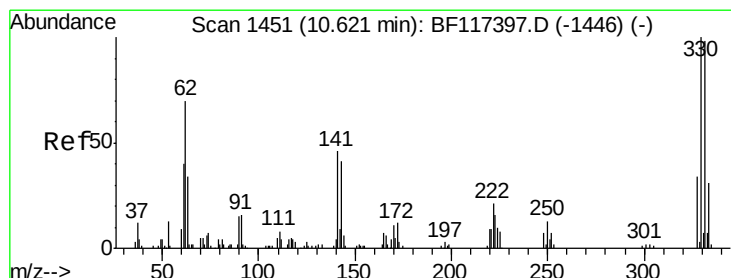
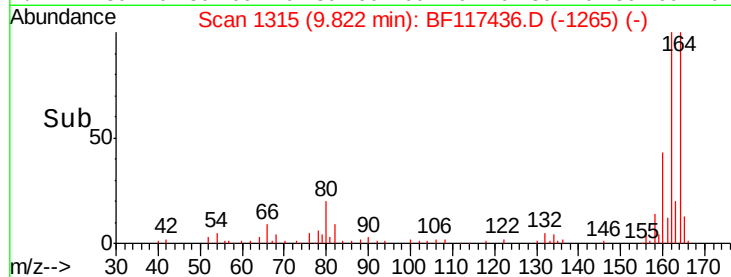
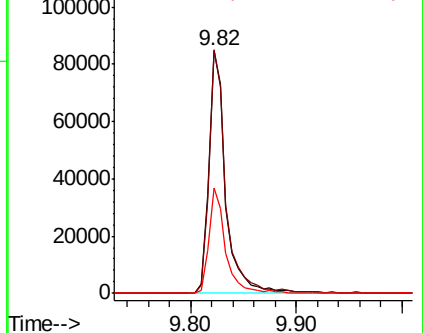
160 43.6 35.4 53.0



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: 152.558 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF117436.D

Acq: 17 Oct 2019 21:53

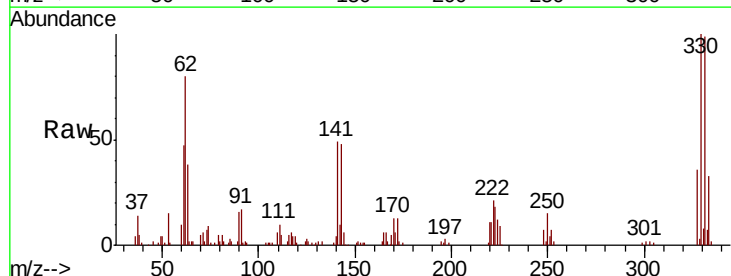
Tgt Ion:330 Resp: 117283

Ion Ratio Lower Upper

330 100

332 96.9 75.0 112.6

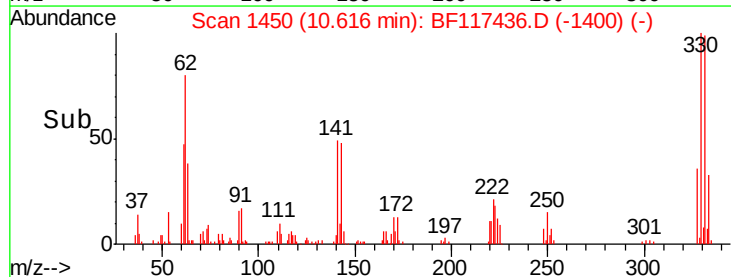
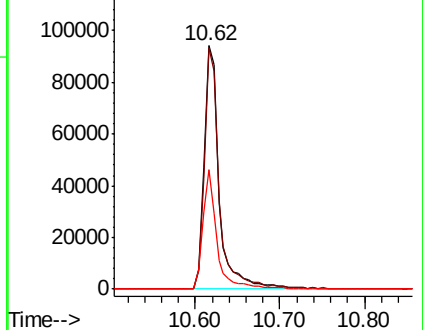
141 44.6 34.2 51.4

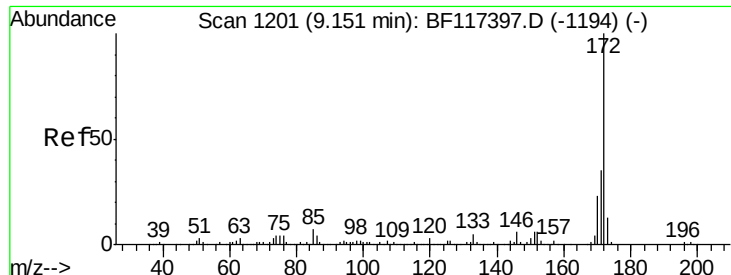


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

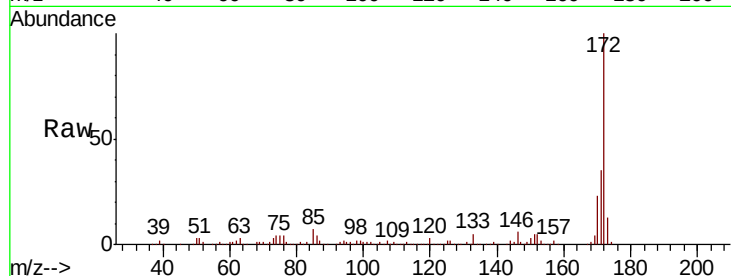




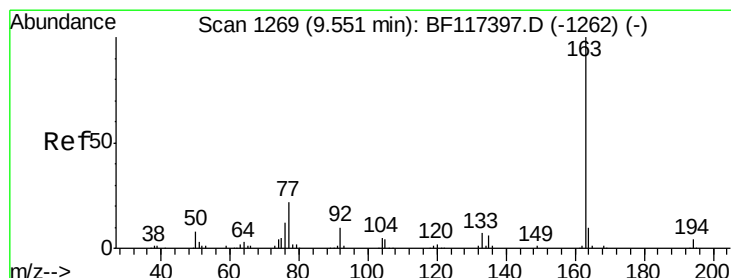
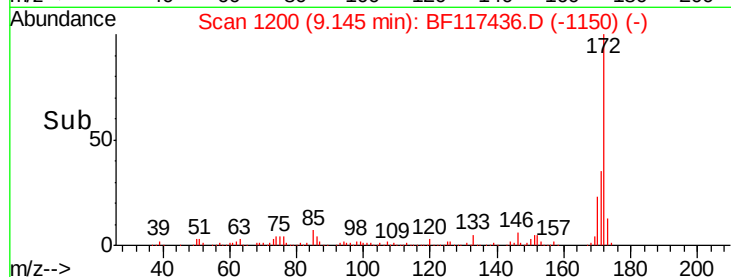
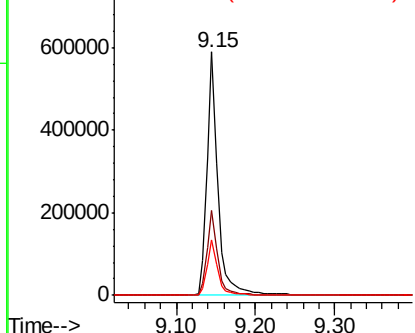
#45
2-Fluorobiphenyl
Concen: 89.071 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF117436.D
Acq: 17 Oct 2019 21:53

Instrument :
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ClientSampleId :
T-9-U1-U3-(0-28)

Tot Ion:172 Resp: 577117
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.0 18.2 27.2

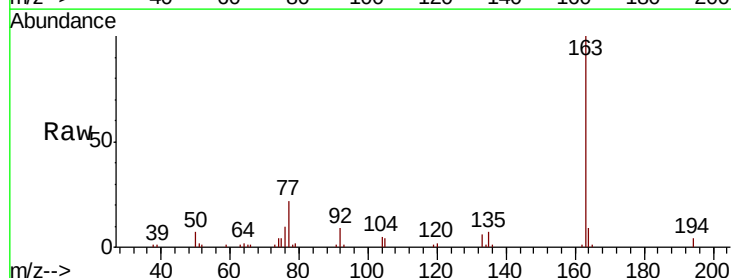


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

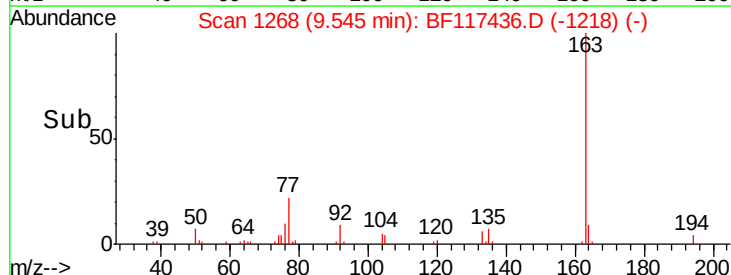
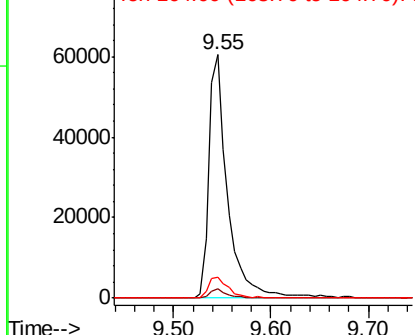


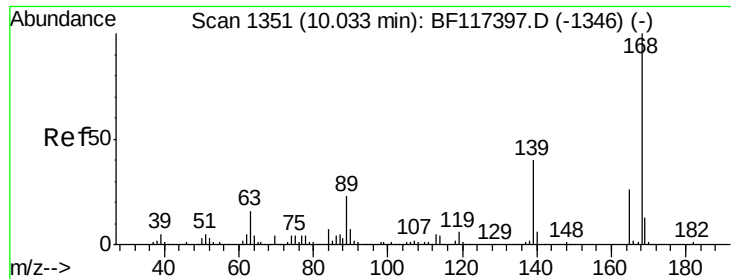
#50
Dimethylphthalate
Concen: 11.833 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117436.D
Acq: 17 Oct 2019 21:53

Tgt Ion:163 Resp: 80271
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 8.6 8.0 12.0



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: 6.324 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.21 min

Lab File: BF117436.D

Acq: 17 Oct 2019 21:53

Instrument :

BNA_F

ClientSampleId :

T-9-U1-U3-(0-28)

Tot Ion:165 Resp: 11898

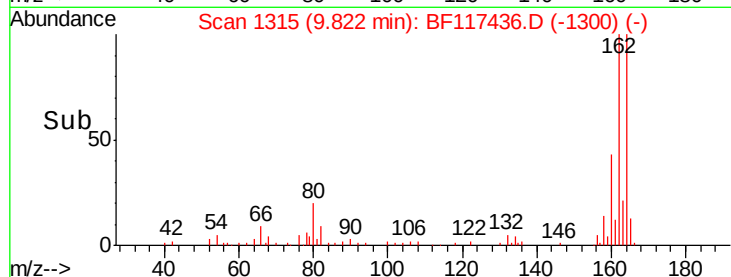
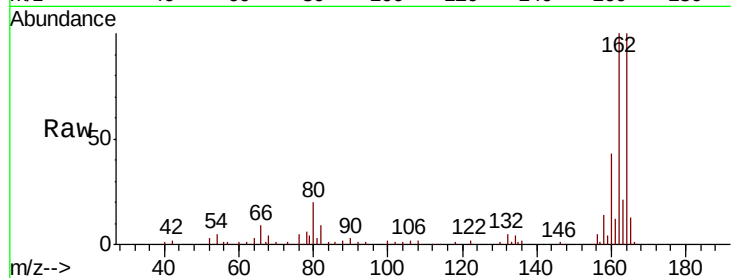
Ion Ratio Lower Upper

165 100

63 0.0 51.0 76.4#

89 0.0 70.7 106.1#

182 0.0 2.1 3.1#

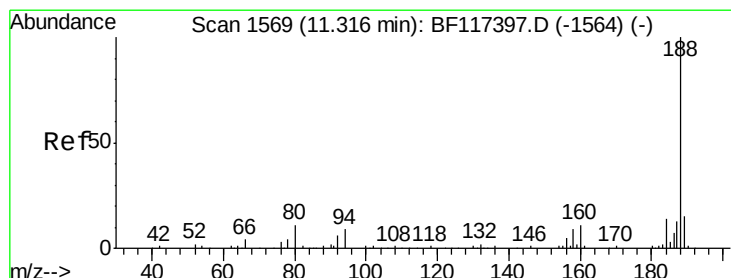
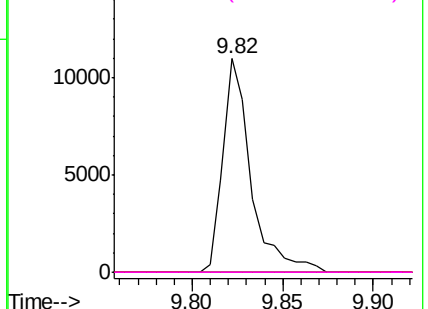


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF117436.D

Acq: 17 Oct 2019 21:53

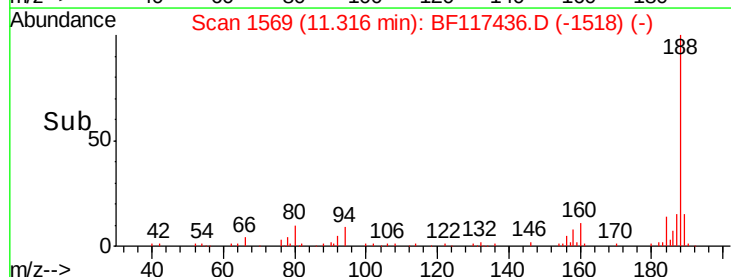
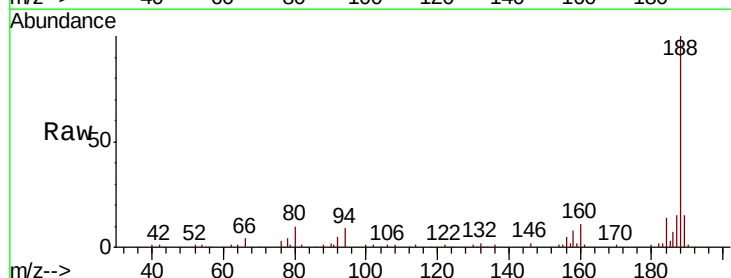
Tgt Ion:188 Resp: 162454

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

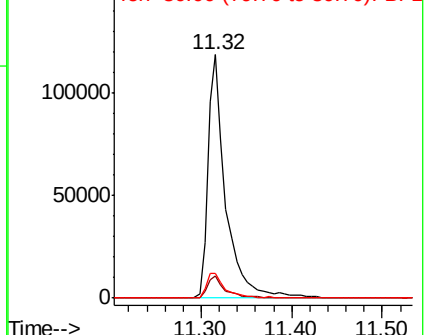
80 10.4 8.7 13.1

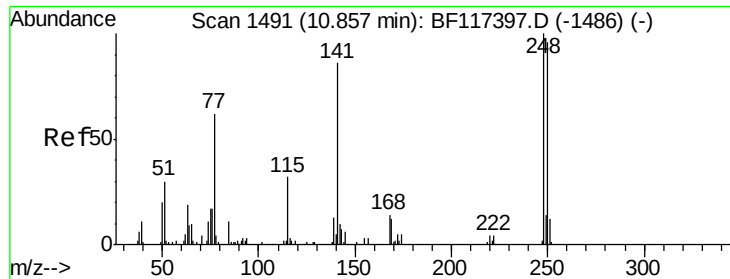


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

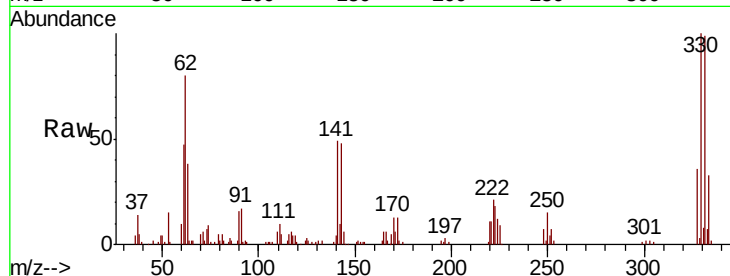




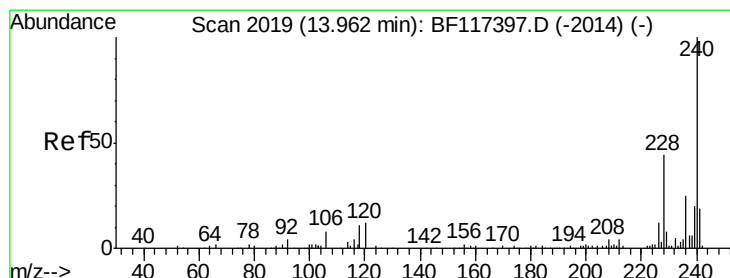
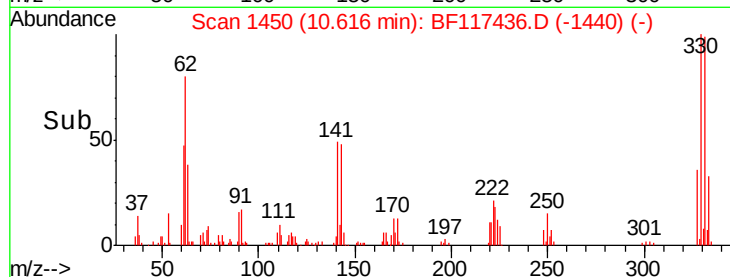
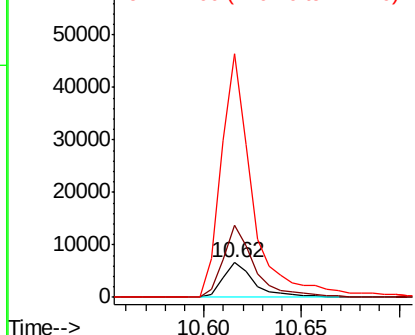
#67
4-Bromophenyl-phenylether
Concen: 4.134 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF117436.D
Acq: 17 Oct 2019 21:53

Instrument :
BNA_F
ClientSampleId :
T-9-U1-U3-(0-28)

Tot Ion:248 Resp: 7366
Ion Ratio Lower Upper
248 100
250 207.6 77.1 115.7#
141 703.6 69.1 103.7#

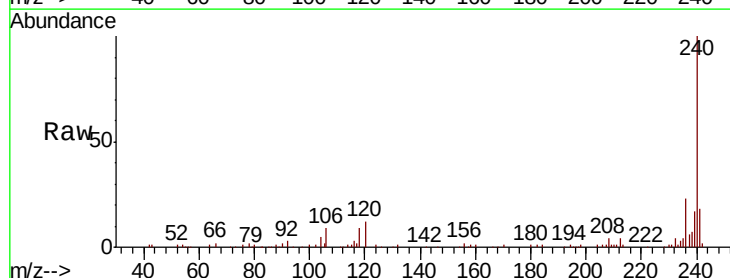


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

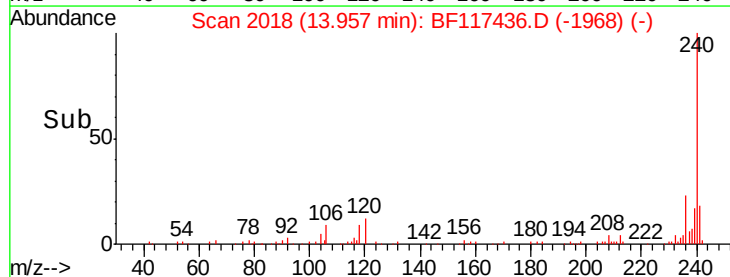
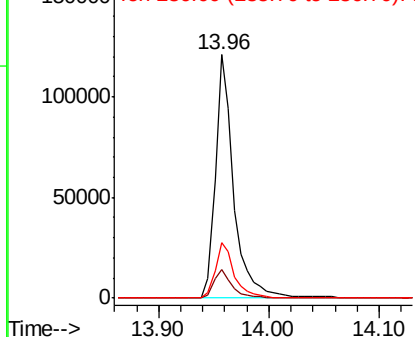


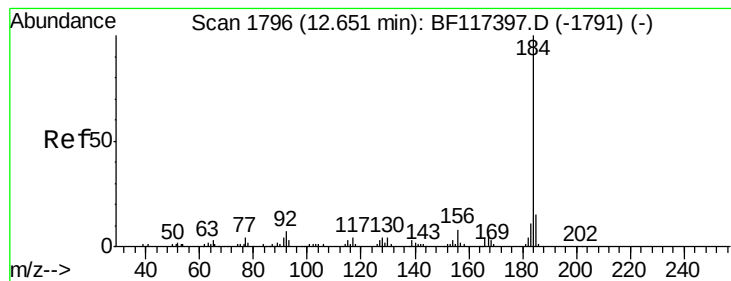
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117436.D
Acq: 17 Oct 2019 21:53

Tgt Ion:240 Resp: 137974
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.0
236 22.9 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: 2.561 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.25 min

Lab File: BF117436.D

Acq: 17 Oct 2019 21:53

Instrument :

BNA_F

ClientSampleId :

T-9-U1-U3-(0-28)

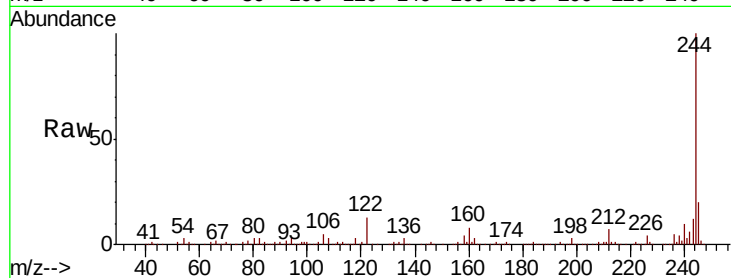
Tot Ion:184 Resp: 8738

Ion Ratio Lower Upper

184 100

185 18.1 12.2 18.2

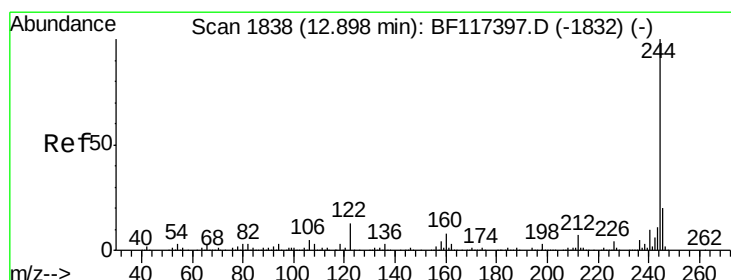
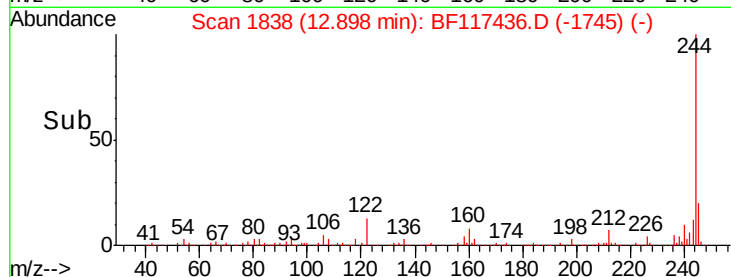
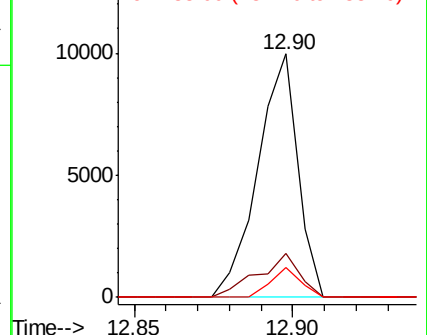
183 12.4 8.9 13.3



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: 78.750 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117436.D

Acq: 17 Oct 2019 21:53

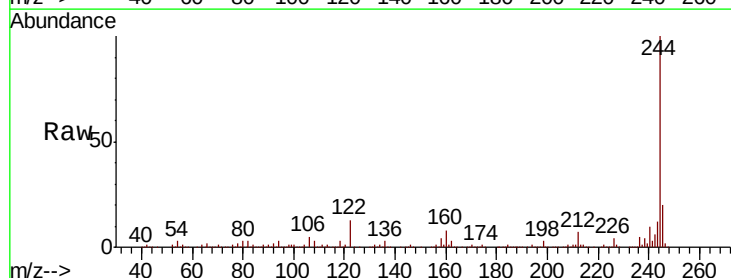
Tgt Ion:244 Resp: 666529

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

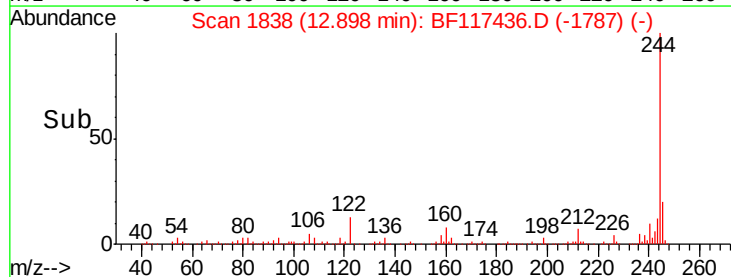
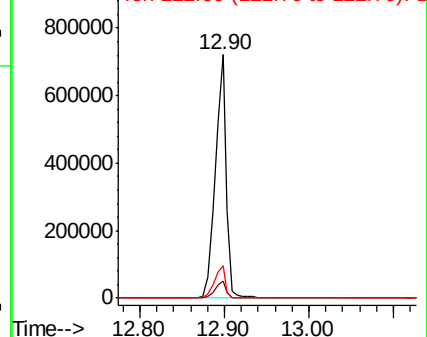
122 13.3 10.7 16.1

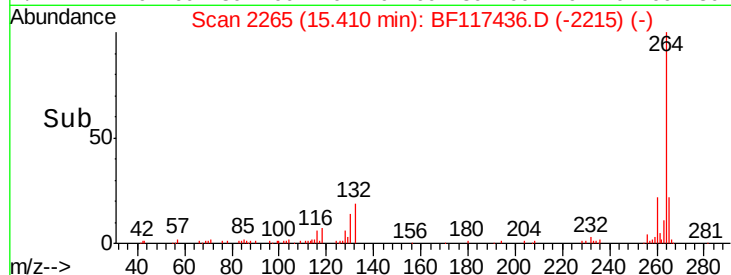
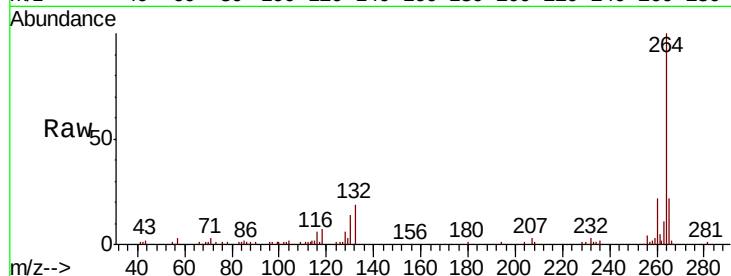
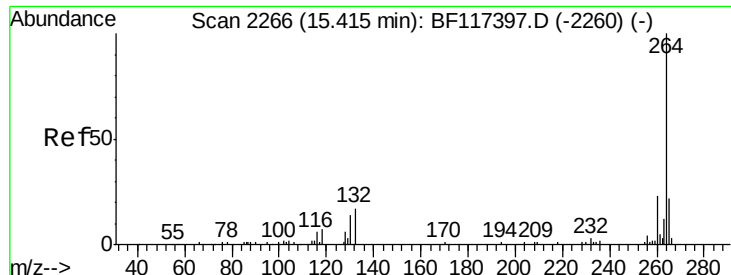


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlone-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF117436.D
 Acq: 17 Oct 2019 21:53

Instrument :
 BNA_F
 ClientSampleId :
 T-9-U1-U3-(0-28)

Tot Ion:	264	Resp:	128603
Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	27.8
265	22.3	17.4	26.0

